Scottish & Southern Electricity Networks

LT459-FNLN-EMF-OHL

Transmission – Engineering

LT000459

Fanellan 400kV Hub – Beauly Denny OHL Diversion

EMF Compliance Report

Contents

1. INTRODUCTION 3
   1.1 PROJECT BACKGROUND 3
      1.1.1 Fanellan 400kV substation and HVDC converter station 3
      1.2 OHL Diversion Works Overview 5
2. REQUIREMENTS 7
   2.1 EMF EXPOSURE GUIDELINES IN THE UK 7
   2.2 PUBLIC EXPOSURE LIMITS 7
   2.3 EVIDENCE OF COMPLIANCE 7
      2.3.1 Condition on calculations 8
3. PARAMETERS AND RESULTS 9
   3.1 CONDUCTOR AND TOWER SYSTEM 9
   3.2 CONDUCTOR RATING 9
   3.3 CIRCUITS PHASING 10
   3.4 CONDUCTOR EMF CALCULATED FIELDS 10
      3.3.1 Electric fields calculations 10
      3.3.2 Magnetic fields calculations 11
      3.3.3 Assessment 12
4. CONCLUSION 13
5. REFERENCES 14
6. REVISION HISTORY 14
7. APPENDICES 15
   7.1 APPENDIX A – PLAN DRAWING 15
   7.2 APPENDIX B – EMF PLS CADD RESULTS 15
   7.3 APPENDIX C – PROFILE DRAWING OF THE PROPOSED DESIGN 15

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1. INTRODUCTION

This document presents an assessment, results and compliance statement of the proposed overhead line (OHL) project scope of works in terms of Electric and Magnetic Fields (EMF).

1.1 PROJECT BACKGROUND

The Beauly to Denny Overhead Line circuit is a series of 400 kilovolts (kV) towers connecting Beauly Substation in the north of Scotland, near the town of the same name and close to Inverness, to Denny North Substation (owned and operated by Scottish Power Electricity Networks (SPEN)) in the centre of Scotland, near to the town of Denny and close to Stirling. It presently operates at 400 kV on one circuit and 275 kV on the other. Along its length the circuits tie into a number of substations:

- Beauly (originates) – Double circuit tie-in; operating at 400 kV and 275 kV.
- Fasnakyle – Single circuit tie-in; operating at 275 kV.
- Fort Augustus – Double circuit tie-in; operating at 400 kV and 275 kV.
- Melgarve – Single circuit tie-in; operating at 400 kV.
- Tummel – Single circuit tie-in; operating at 275 kV.
- Braco West – Single circuit tie-in; operating at 275 kV.
- Denny North (terminates) - Double circuit tie-in; operating at 400 kV and 275 kV.

1.1.1 Fanellan 400kV substation and HVDC converter station

The proposed new Fanellan substation and converter station ('Fanellan 400 kV Hub') is a strategic development which is required in the Beauly area. Figure 1 shows the site location, approximately 2.5 km southwest of the existing Beauly Substation, captured by the planning application red line boundary. The existing Beauly Denny OHL which routes through the Site is shown by a dashed line. It should be noted that a HVDC converter station is being developed alongside the substation so the outlined area shown (in Figure 1) is a combination of these. The substation will be on the west and the HVDC converter station on the east with busbar connection between the two.

The new substation site will provide connections for a new 400 kV overhead line from the East and a new 400 kV overhead line from the North. Another key aspect worth noting is the existing Beauly Denny OHL running through the Site, which is planned to be diverted northwards to make land available for construction of the Fanellan 400 kV Hub. The diverted double circuit Beauly Denny line will be turned into the proposed substation in a staged manner as part of this project. Note: The existing Beauly Denny line operates at 275 kV on one side and 400 kV on the other. The OHL is rated to 400 kV as part of initial design, so existing Beauly substation is planned for an upgrade (275 kV to 400 kV) as part of another project (Refer to Section 3).

The proposed Fanellan 400 kV substation shall comprise of:

- The AC substation platform, formed of an AIS wrap-around busbar arrangement which facilitates 24 bays which are utilised as per below:
  - 4 x Beauly Denny Tie in [redacted]
  - 2 x Northern 400kV Circuits

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  - 2 x Eastern 400kV Circuits
  - 2 x Western Isles HVDC
  - 2 x LVAC Supplies
  - 2 x Shunt Reactors
  - 4 x Bus Couplers
  - 4 x Bus Sections
  - 2 x Future Bays
- Additional platform development for the HVDC converter station development.
- External site features including SuDS; landscape and visual mitigation; maintenance access; and security fencing.
- Internal substation requirements including supporting plant and equipment, control building, car parking (including for EVs).
- Permanent site access which makes provision for future AIL deliveries.
- Establish temporary access tracks for both substation and OHL construction activities; temporary construction compounds; and temporary storage compounds for topsoil and materials.
- Establish and secure the land surrounding the site development including that which is required on a temporary basis for construction activities; equipment storage; site offices; and welfare facilities.
- Site clearance activities which will include some tree felling.

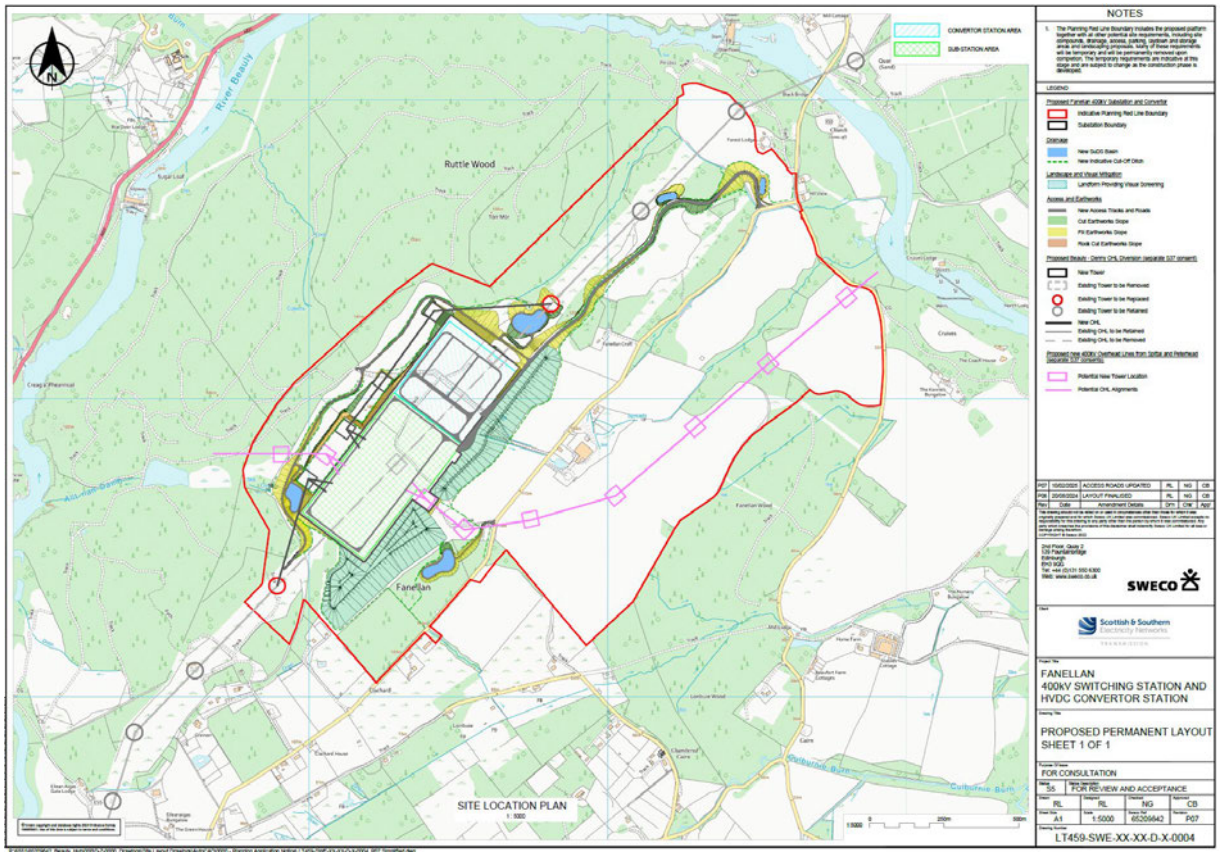

Figure 1 Site Plan

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1.2 OHL Diversion Works Overview

The existing Beauly-Denny [redacted] circuit operates at 400kV and 275kV respectively at 90°C. Both circuits consist of twin 700mm² Araucaria AAAC conductor, and the route has a single 318mm² 109/209 2C AACSR/ACS OPGW earth wire.

These circuits are to be reconfigured to accommodate the new Fanellan Hub. New SSE400 steel lattice towers are to be installed, 3 x D55 SSE400 towers, two of which are to replace towers 6 & 9, and 2 x SSE400 DT Towers, and an SSE400 D Tower. These will be positioned to the Northwest of Towers 7 & 8.

To facilitate the construction of the Fanellan 400 kV Hub platform and the installation of the new permanent configuration of the Beauly-Denny circuits, the [redacted] 400kV circuit will be diverted onto two temporary SSE400 lattice steel structures to the southeast of towers 6 and 9 (as shown in figure 2 – temporary condition).

The OHL sequence of works (FNLN4-LT459-MES-OHL-ZZ-SCH-EO-5006.pdf) as provided by the contractor as part of the early contractor engagement works, is included in Appendix A. This summarises the existing network and the proposed temporary diversion of the BG1 circuit.

The sequence of works also shows the proposed arrangements for termination of the [redacted] and [redacted] circuits into the new Fanellan substation. Once the tie in has been completed for both circuits, these circuits coming from Beauly and into Fanellan, and then out of Fanellan onto Bingally and Fort Augustus will have the following designations:

[redacted]

[redacted]

[redacted]

[redacted]

For a detailed site plan, refer to drawing in Figure 1 – Site Plan.

The OHL works will be split into three phases:

Phase 1 – The offline build of the towers required to enable the temporary and the permanent diversions, as listed above and in the scope requirements below. This includes the terminal tower being used as part of the proposed new 400kV Spittal to Beauly 400kV OHL. As the circuit will not be under outage during this time, it is agreed that towers 9R and 6R will only be part built due to safe working distances being maintained between the tower builds and the operational 400/275kV circuits.

Phase 2 – The diverting of the existing [redacted] circuit and OPGW onto these towers. As has been agreed with the contractor, the method for maintaining a fibre connection and adequate earthing throughout the project duration, will be to install a secondary OPGW through the temporary diversion. As such, a selection of towers, as agreed between the contractor and the employer, will need to have the OPGW peaks altered to accommodate the secondary OPGW connections.

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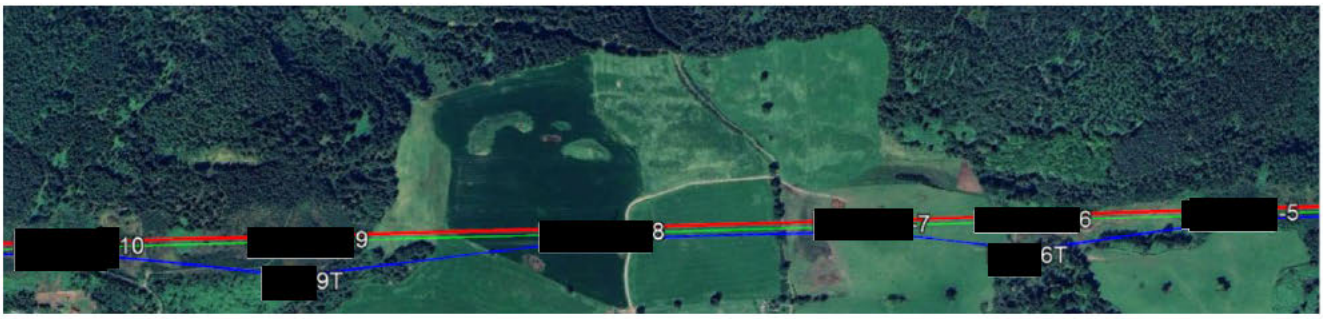

Figure 2 – Temporary Condition

Phase 3 – The diversion of the [redacted] and [redacted] circuits and OPGW onto the permanent diversion towers in a through condition (9R-8A-LT132 Tower- 8R-7R-6A-6R). Once the diversion is completed, the deconstruction and demolition of towers 6T,7,8 and 9T.

Phase 4 – The installation of the downleads and all associated accessories into the substation.

Figure 3 – Permanent Condition

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2. REQUIREMENTS

Scottish Hydro Electric Transmission plc , operating and known as Scottish and Southern Electricity Networks Transmission (SSEN Transmission) policy in planning permission is that it should comply with Government policy on EMFs and in particular with Government's EMF exposure guidelines. The *Electricity Industry*, which SSEN Transmission is part of, agrees that whenever evidence is required of compliance with EMF exposure limits, it will provide evidence according to the policy defined by the United Kingdom Department of Energy & Climate Change (DECC) "*Power Lines: Demonstrating compliance with EMF public exposure guidelines – A voluntary Code of Practice*" (CoP) published in February 2011.

2.1 EMF EXPOSURE GUIDELINES IN THE UK

Government policy on EMF is that power lines should comply with the 1998 International Commission on Non-Ionizing Radiation Protection (ICNIRP) guidelines on exposure to EMFs in the terms of the 1999 EU Recommendation. The CoP implements this policy and has been agreed by the DECC, with the Department of Health, the Energy Networks Association, the Welsh Assembly, the Scottish Executive, the Northern Ireland Executive and the Health and Safety Executive.

Further Government policies relating to EMFs from overhead power lines, specifically that as a precautionary measure they should, where reasonable, have optimum phasing. That is the subject of a companion Code of Practice "Optimum phasing of high voltage double-circuit power lines".

2.2 PUBLIC EXPOSURE LIMITS

The CoP, based on 1998 ICNIRP exposure guidelines, specify a basic restriction for the public which is shown in the table 2-1 below:

Table 2-1 – Summary of the ICNIRP Exposure Guideline Applicable in the UK

Reference	Electric Fields	Magnetic Fields
Reference level (trigger for further investigation)	5.0 kV/m	100 µT
Basic restriction	9.0 kV/m	360 µT

2.3 EVIDENCE OF COMPLIANCE

CoP defines that for overhead power lines and underground cables at voltages of 275kV and 400kV, when exposure guidelines is needed, the following will be provided:

- A calculation or measurement of the maximum fields (i.e. directly under the line, or directly above the cable). If this maximum value is less than the ICNIRP guideline levels, it may be assumed that all fields

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and exposures from that source will be compliant. If this maximum value exceeds the ICNIRP guideline levels, then it is also necessary to provide:

- A calculation or measurement of the field at the location of the closest property at which the public exposure guidelines apply

For overhead lines only, in addition:

- A statement as to compliance with the Code of Practice on phasing, including a justification in the terms of that Code of Practice if the line does not have optimum phasing.

2.3.1 Condition on calculations

CoP guidelines for the general public will be observed in areas where the land use is such that exposure might be for a significant period of time. Therefore, it is not appropriate to assess compliance for extreme, rare, or unlikely situations. Accordingly, for the purposes of compliance with Government policy, field levels will be assessed as per the table 2-2 below.

Table 2-2 – CoP conditions to apply on calculations

Requirement	Condition
Electric Fields	for nominal voltage and, for overhead lines, design minimum clearance (excluding reduced clearances that occur only during exceptional ice loading);
Magnetic Fields	for the highest rating that can be applied continuously in an intact system (i.e. including ratings which apply only in cold weather, but not including short-term ratings or ratings which apply only for the duration of a fault elsewhere in the electricity system) and, for overhead lines, design minimum clearance;
For both EMF	for 1 m above ground level on a plain, level surface; for the 50 Hz field only, ignoring harmonics.

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3. PARAMETERS AND RESULTS

3.1 CONDUCTOR AND TOWER SYSTEM

The conductor system design proposed for this project is consistent across all of the Beauly Denny OHL route and is as shown in the table 3-1 below.

Table 3-1 – Conductor System

Conductor	Construction	Diameter (mm)	Resistivity (nΩm)	No. of Sub conductors	Bundle Distance (mm)	Max. Operating Temperature (°C)
Araucaria	AAAC 700mm^2	37.26	30.5	2	500	90

The tower system design proposed for this project is SSE400, also consistent across the entirety of the Beauly-Denny OHL route.

The above conductor and tower system were utilised for the calculation of the EMF in each affected span, utilising the accurate dimensions of the towers defined for that specific span.

3.2 CONDUCTOR RATING

The conductor system in both circuits will be operated at 400kV and the EMF calculations will be based on the maximum operating temperature of 90°C, at the highest rating that can be applied continuously in the intact system (Winter pre-fault).

In accordance with the requirements of CoP and TG-NET-506 'Functional and Performance Requirements for Overhead Lines', the conductor rating is based on the Winter Pre-Fault Case.

Summary of Conductor Rating is listed in below Table 3-2.

Table 3-2 – Conductor Rating results

Conductor	Reference	Max. Operating Temperature (°C)	Continuous Thermal Current Rating per single Conductor (Winter pre-fault) (A)	No. of Sub conductors	Continuous Thermal Current Rating per bundle Conductor (Winter pre-fault) (A)	Power Winter pre-fault per circuit (MVA)
Araucaria (30.5nΩm resistivity)	TGN-26	90	1700	2	3400	2360

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3.3 CIRCUITS PHASING

The proposed project is a double circuit OHL and is designed with the optimal phasing, transposed. Table 3-3 below presents the current circuit identification and the phase colour distribution in the location of the spans.

Table 3-3 – Project Circuits Phasing

Circuit name	Circuit colour ID (current)	Phase Colours Distribution
Circuit no.1 Current name: [redacted] Future name: [redacted]	Blue/Yellow/Green	Top phase: Blue Middle phase: Yellow Bottom phase: Red
Circuit no.2 Current name: [redacted] Future name: [redacted]	Green/White/Yellow	Top phase: Red Middle phase: Yellow Bottom phase: Blue

3.4 CONDUCTOR EMF CALCULATED FIELDS

The calculation of EMF was commissioned to *Morrisson Energy Services*. The EMF calculation is performed for the proposed design, in each new span included in the diversion. For the calculation of EMF, it was utilised PLS-CADD Software recognised by *Electricity Industry*. The proposed design presents a temporary condition and a final arrangement. The first is to facilitate the construction of the final arrangement. Both arrangements can be seen in the plan drawing n. FNLN4-LT459-MES-OHL-ZZ-D-EO-5001 and FNLN4-LT459-MES-OHL-ZZ-D-EO-5004 in Appendix A.

3.3.1 Electric fields calculations

Electric fields depend on the voltage of the line and the clearance above ground, but not on load. Both circuits will be operated at 400 kV. Calculated electric field for the project related spans are given in table 3-4 below.

Table 3-4 – Calculated Electric fields at 1m above ground level

Span	Minimum ground clearance of conductors in the span (m)	Maximum Electric Field under the line (kV/m)
Temporary condition:		
Tower 5-Tower 6T	9.14	6.114
Tower 6T-Tower 7	21.94	1.687
Tower 8-Tower 9T	9.69	5.786
Tower 9T-Tower 10	9.67	5.767
Final arrangement:		
Tower 4-Tower 5	10.24	2.048
Tower 5-Tower 6R	8.56	2.891
Tower 6R-Tower 6A	9.03	2.421
Tower 6A-Tower 7R	9.09	6.159

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Tower 7R-Tower 8R	9.90	6.155
Tower 8R – Gantry 1	11.63	3.536
Tower 8R-Gantry 2	11.21	4.175
Tower 8A-Gantry 3	11.63	2.592
Tower 8A-Gantry 4	11.85	1.983
Tower 8A-Tower 9R	9.32	2.236

Note: Appendix **B** presents PLS-CADD EMF detailed results. Appendix **C** presents Profile drawing with ground clearances mandatory boundary for each span.

3.3.2 Magnetic fields calculations

Magnetic fields depend on the current load and line clearance above ground. Calculated Magnetic field for the project related spans are given in table 3-5 below.

Table 3-5 – Calculated Magnetic fields at 1m above ground level

Span	Minimum ground clearance of conductors in the span (m)	Maximum Magnetic Field under the line (µT)
Temporary condition:		
Tower 5-Tower 6T	9.14	47.357
Tower 6T-Tower 7	21.94	18.289
Tower 8-Tower 9T	9.69	45.849
Tower 9T-Tower 10	9.67	43.019
Final arrangement:		
Tower 4-Tower 5	10.24	46.239
Tower 5-Tower 6R	8.56	48.209
Tower 6R-Tower 6A	9.03	49.721
Tower 6A-Tower 7R	9.09	53.943
Tower 7R-Tower 8R	9.90	50.956
Tower 8R – Gantry 1	11.63	31.622
Tower 8R-Gantry 2	11.21	38.542
Tower 8A-Gantry 3	11.63	26.187
Tower 8A-Gantry 4	11.85	21.289
Tower 8A-Tower 9R	9.32	57.4

Note: Appendix **B** presents PLS-CADD EMF detailed results. Appendix **C** presents Profile drawing with ground clearances mandatory boundary for each span.

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3.3.3 Assessment

Comparing the results presented in the section 3.3.1 and 3.3.2 with the UK public exposure limit requirement in section 2.2, table 2-1, it can be concluded the values are less than the ICNIRP guideline levels.

The maximum value doesn't exceed the ICNIRP guideline levels, therefore it is not necessary to provide a calculation or measurement of the field at the location of the closest property at which the public exposure guidelines apply, as referred in section 2.3.

The proposed project is designed with an optimal phasing, as per section 3.3, complying with CoP.

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4. CONCLUSION

The EMF results for the proposed OHL Tie-In and the temporary works to facilitate construction to the new Fanellan 400kV Substation complies with the Government's EMF exposure guidelines:

- Maximum Electric Field in Tie-in, temporary condition and final arrangement, is 6.159 kV/m, below 9.0 kV/m Basic Restriction,
- Maximum Magnetic Field in Tie-in, temporary condition and final arrangement, is 57.4 µT, below 360 µT Basic Restriction.

The maximum values are less than the ICNIRP guideline levels and may be assumed that all fields and exposures from that source will be compliant.

Optimum Phasing is transposed and therefore is compliant.

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5. REFERENCES

This document should be read in conjunction with the following documents:

Table 5-1 - Reference Documents

Reference	Rev	Title
TG-NET-OHL-506	2.00	Functional and Performance Requirements for Overhead Lines
DECC CoP	March 2012	Power Lines: Demonstrating compliance with EMF public exposure guidelines. A voluntary Code of Practice

6. REVISION HISTORY

Revision	Overview of Amendment & Text Affected	Previous Document	Revision Author	Date
1.0	Draft	LT520-CMBS-EMF-OHL	[redacted]	13/09/2024
2.0	First Issue	LT459-FNLN-EMF-OHL	[redacted]	14/10/2024

	Name	Title	Date
Author	[redacted]	OHL Project Engineer	14/10/2024
Checked By	[redacted]	ASTI Lead Engineer	15/10/2024
Checked By	[redacted]	Senior OHL Engineer	15/10/2024
Approved by	[redacted]	Engineering Manager	31/12/24

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7. APPENDICES

7.1 APPENDIX A – PLAN DRAWING & OHL SEQUENCE OF WORKS

See attached file, drawing n. FNLN4-LT459-MES-OHL-ZZ-D-EO-5001 and FNLN4-LT459-MES-OHLTA-ZZ-D-EO-5004 and FNLN4-LT459-MES-OHL-ZZ-SCH-EO-5006

7.2 APPENDIX B – EMF PLS CADD RESULTS

See attached files:

- LT459-EMF-FINAL-BF-P01
- LT459-EMF-FINAL-EF-P01
- LT459-EMF-FINAL-LP-P01
- LT459-EMF-TEMP OPTION1-BF-P01
- LT459-EMF-TEMP OPTION1-EF-P01
- LT459-EMF-TEMP OPTION1-LP-P01

7.3 APPENDIX C – PROFILE DRAWING OF THE PROPOSED DESIGN

See attached files:

- Profile temporary arrangement, drawing n. FNLN4-LT459-MES-OHLTA-ZZ-D-EO-4001
- Profile final arrangement, drawing n. FNLN4-LT459-MES-OHL-ZZ-D-EO-4000

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Appendix A PLAN DRAWING & OHL SEQUENCE OF WORKS

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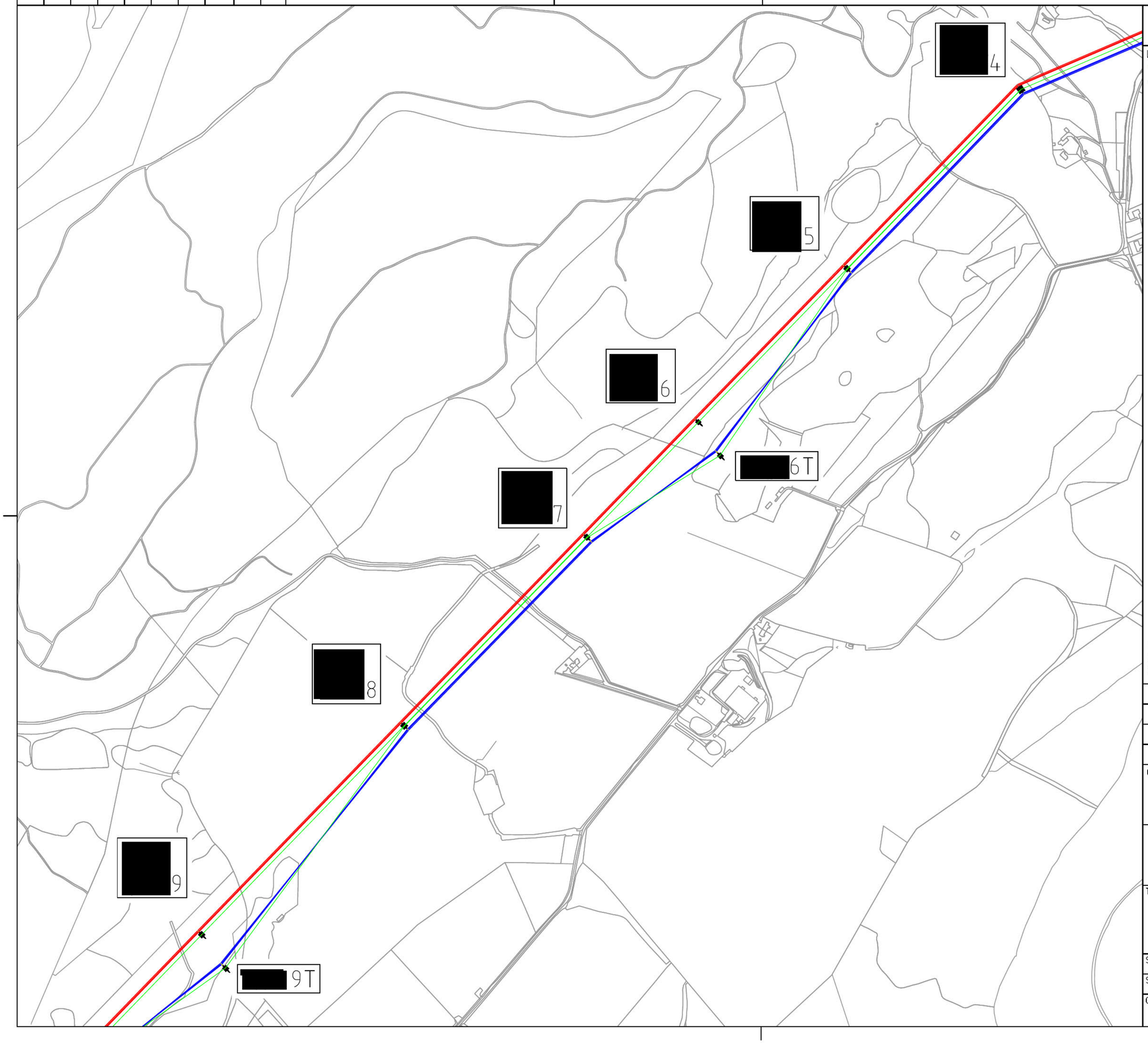

A2 | CAD

LEGEND
[redacted] CIRCUIT
[redacted] CIRCUIT

STRUCTURE NAME	STRUCTURE DESCRIPTION	X EASTING (M)	Y NORTHING (M)	STRUCT. HEIGHT (M)
[redacted]5T	SSE400 D E3	248879.13	843283.36	52.12
[redacted]9T	SSE400 D E3+1	247958.50	842329.78	53.12

REFERENCES

1. TEMPORARY ARRANGEMENT PLS CADD MODEL LT459–MES–OHLTA–ZZ–M–EO–7601 REV P05.
2. MAPPING DATA SUPPLIED BY SSE, DECEMBER 2023.

NOTES

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DATE	08/01/2025			REMARKS
ISSUE	P04	CHECKED	AA	6T POSITION CHANGED & 9T HEIGHT INCREASED
DRAWN	KBI	APPROVED	DA	
SSE SCHEME No.	LT459			

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TITLE

FANELLAN 400kV TIE IN
TEMPORARY CONDITION PLAN

SITE	FANELLAN 400kV TIE IN	ISSUE
SSE DRAWING NUMBER	FNLN4–LT459–MES–OHLTA–ZZ–D–EO–5004	P04
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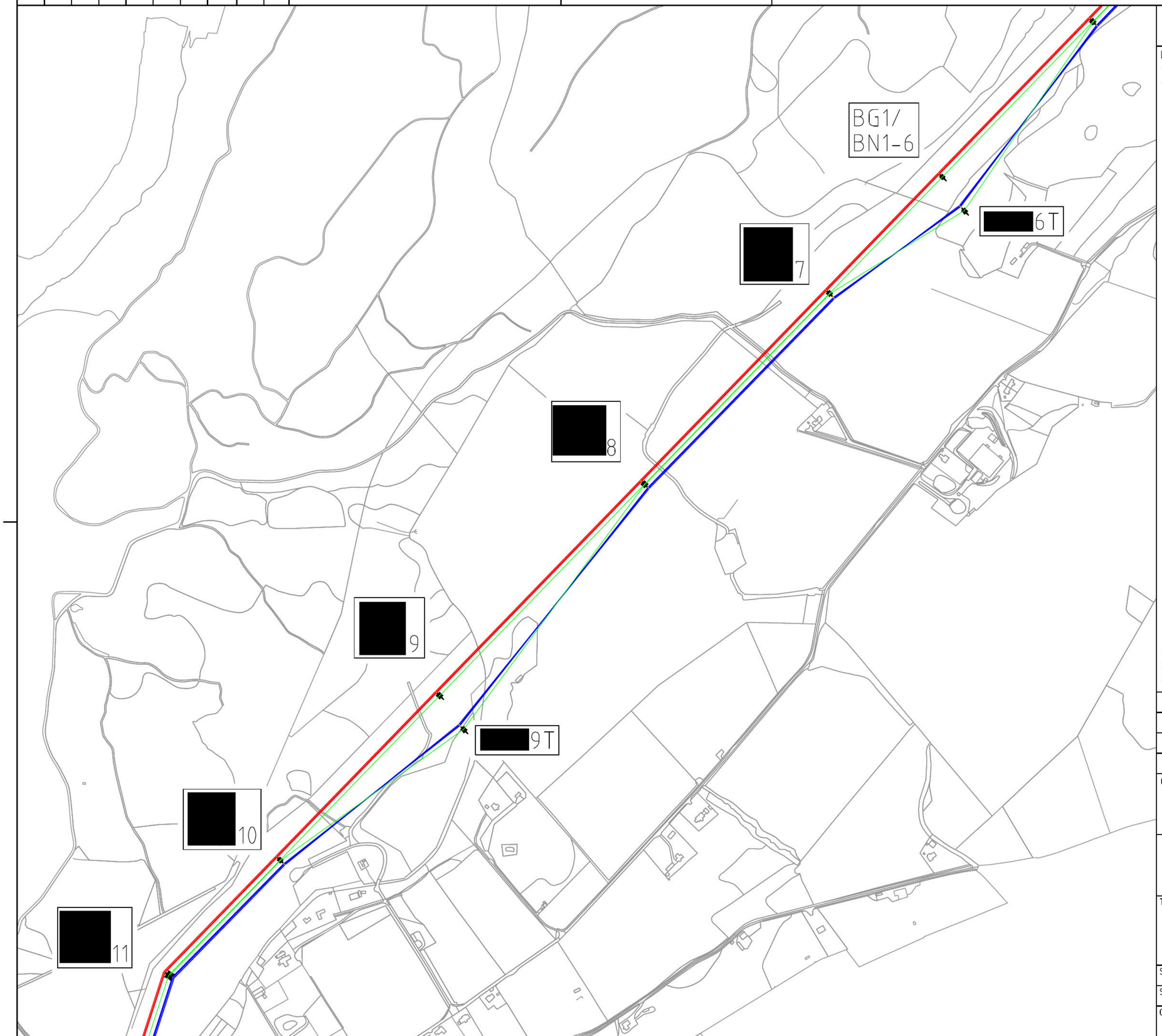

A2 | CAD

LEGEND
[redacted] CIRCUIT
[redacted] CIRCUIT

STRUCTURE NAME	STRUCTURE DESCRIPTION	X EASTING (M)	Y NORTHING (M)	STRUCT. HEIGHT (M)
[redacted]6T	SSE400 D E3	248879.13	843283.36	52.12
[redacted]9T	SSE400 D E3+1	247958.50	842329.78	53.12

REFERENCES

1. TEMPORARY ARRANGEMENT PLS CADD MODEL LT459-MES-OHLTA-ZZ-M-EO-7601 REV P05.
2. MAPPING DATA SUPPLIED BY SSE, DECEMBER 2023.

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DATE	08/01/2025			REMARKS
ISSUE	P04	CHECKED	AA	6T POSITION CHANGED & 9T HEIGHT INCREASED
DRAWN	KBI	APPROVED	DA	
SSE SCHEME No.	LT459			

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TITLE
FANELLAN 400kV TIE IN
TEMPORARY CONDITION PLAN

SITE	FANELLAN 400kV TIE IN	ISSUE
SSE DRAWING NUMBER	FNLN4-LT459-MES-OHLTA-ZZ-D-EO-5004	P04

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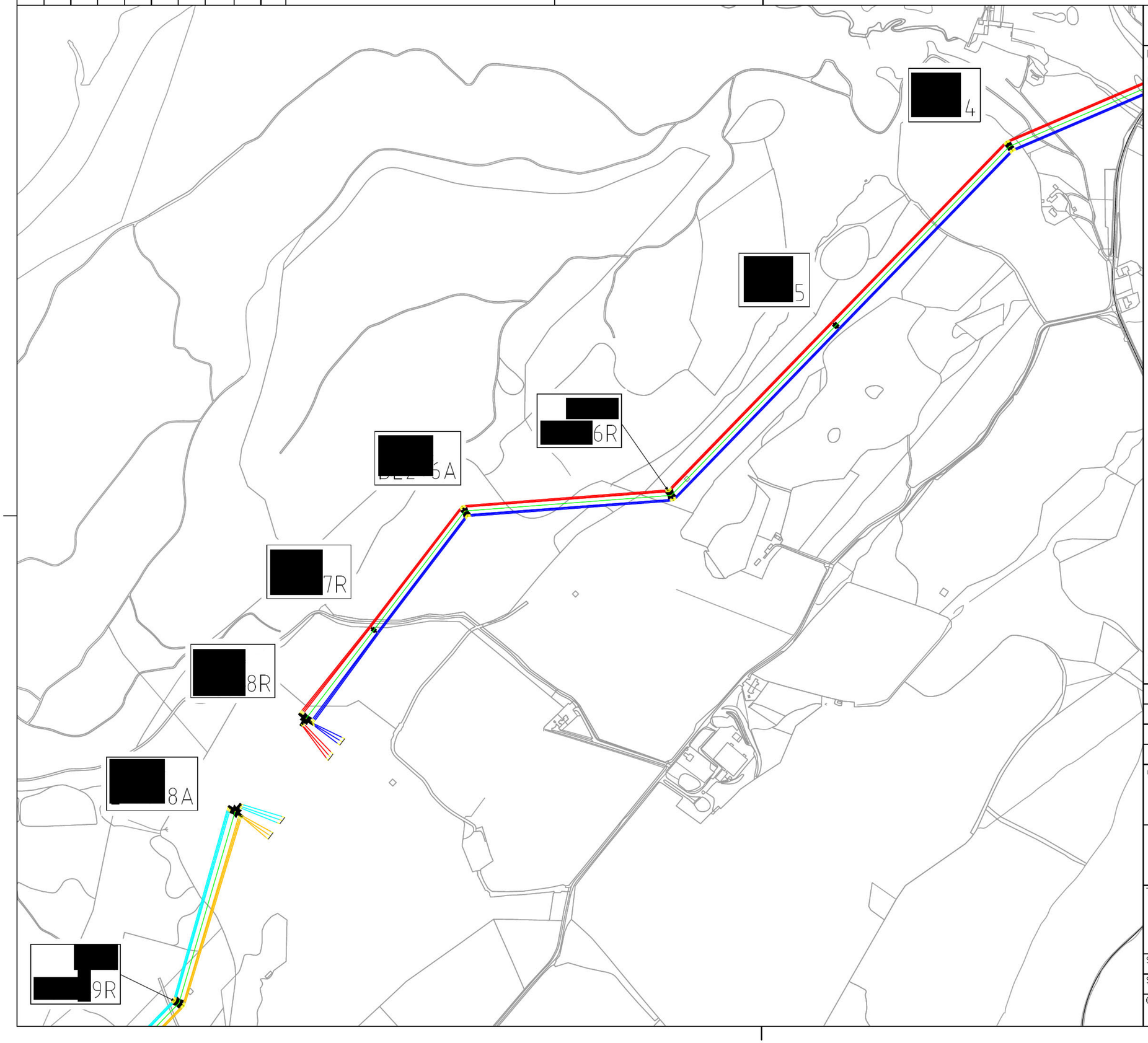

A2 | CAD

LEGEND
[redacted] CIRCUIT
[redacted] CIRCUIT
[redacted] CIRCUIT
[redacted] CIRCUIT

TOWER DETAILS

STRUCTURE LABEL	STRUCTURE DESCRIPTION	X EASTING (M)	Y NORTHING (M)	STRUCT. HEIGHT (M)
[redacted] 4	SSE400 D25 E3	249438	843965	51.91
[redacted] -5	SSE400 D E6	249114.77	843631.56	55.12
[redacted] 6R	SSE400 D55 E3+1	248807.52	843317.73	53.38
[redacted] 6A	SSE400 D55 STD	248425.90	843284.20	49.38
[redacted] 7R	SSE400 D M3	248255.50	843065.03	46.12
[redacted] 8R	SSE400 DT STD	248129.09	842899.86	56.42
[redacted] 8A	SSE400 DT STD+3	247997.64	842727.64	59.42
[redacted] 9R	SSE400 D55 E9	247890.93	842372.16	58.38
[redacted] 10	SSE400 D STD	247620.57	842090.14	49.12
[redacted] 11	SSE400 D55 STD	247417.869	841877.711	49.38

REFERENCES

1. FINAL ARRANGEMENT PLS CADD MODEL FNLN4-LT459-MES-OHLTA-ZZ-M-EO-7600 REV P04.
2. MAPPING DATA SUPPLIED BY SSE, DECEMBER 2023.

NOTES

1. ALL DIMENSIONS IN METRES AND ARE APPROXIMATE.
2. THIS DRAWING IS INTENDED TO BE VIEWED IN COLOUR.
3. FINAL CIRCUIT NAMES AND TOWER NUMBERS TO BE CONFIRMED.
4. TOWER HEIGHTS EXCLUDE HILLSIDE LEG EXTENSIONS/ REDUCTIONS.

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DATE	10/01/2025			REMARKS
ISSUE	P04	CHECKED	AA	6R POSITION UPDATED, CIRCUIT NAMES UPDATED.
DRAWN	KBI	APPROVED	JC	
SSE SCHEME No.	LT459			

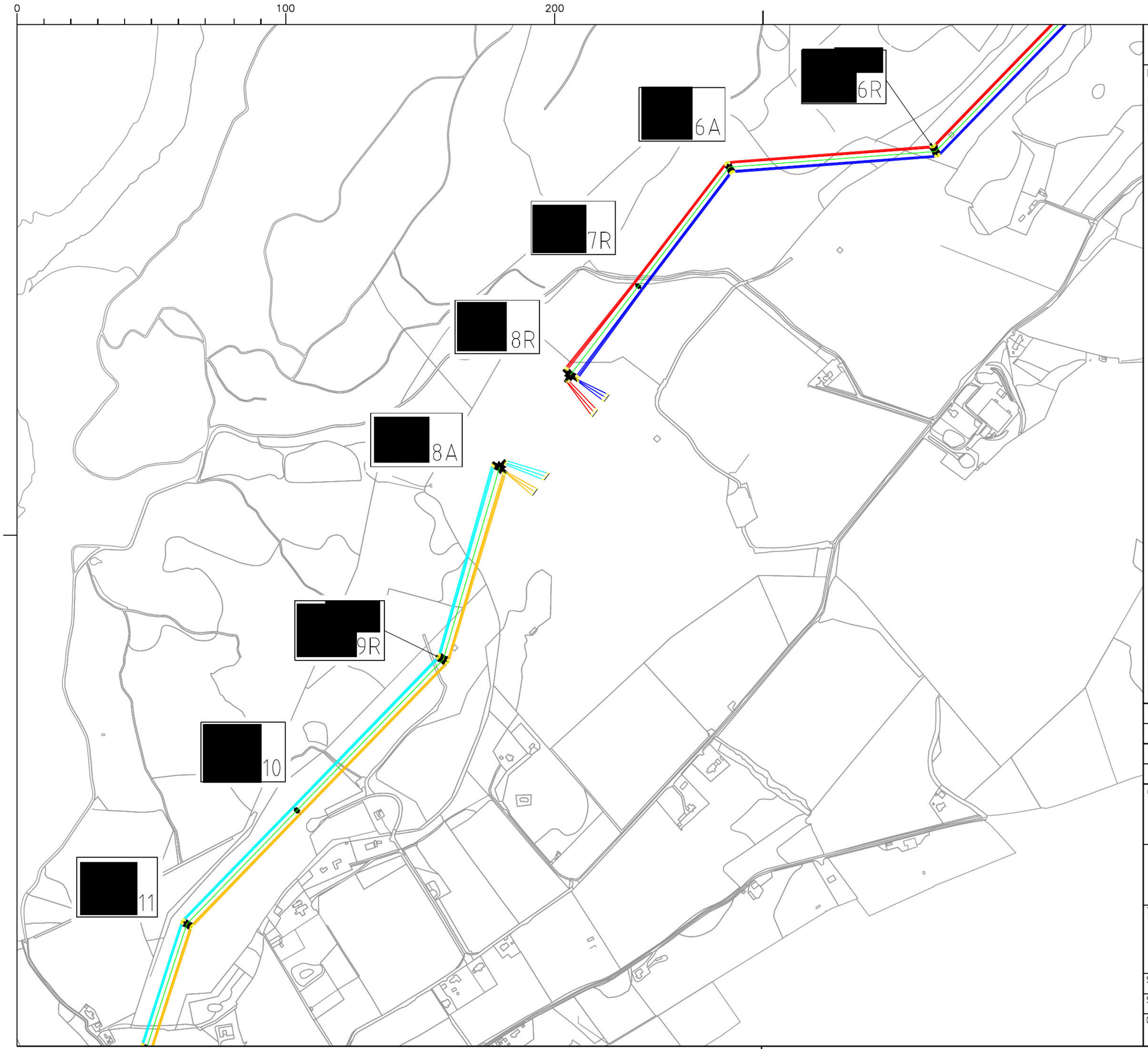
CLIENT
Scottish & Southern Electricity Networks

MORRISON Energy Services
A part of MGroupServices
www.morrisones.com

TITLE
FANELLAN 400kV TIE IN
TOWER POSITION PLANS

SITE	FANELLAN 400kV TIE IN	ISSUE
SSE DRAWING NUMBER	FNLN4-LT459-MES-OHL-ZZ-D-EO-5001	P04

ORIGINATOR DRAWING NUMBER	SHEET No.	No. OF SHEETS
2637010.01/5001	1	2
	SCALE:- 1:5000	



A2 | CAD

LEGEND

[redacted] CIRCUIT
[redacted] CIRCUIT
[redacted] CIRCUIT
[redacted] CIRCUIT

TOWER DETAILS

STRUCTURE LABEL	STRUCTURE DESCRIPTION	X EASTING (M)	Y NORTHING (M)	STRUCT. HEIGHT (M)
[redacted] 4	SSE400 D25 E3	249438	843965	51.91
[redacted] 5	SSE400 D E6	249114.77	843631.56	55.12
[redacted] 6R	SSE400 D55 E3+1	248807.52	843317.73	53.38
[redacted] 6A	SSE400 D55 STD	248425.90	843284.20	49.38
[redacted] 7R	SSE400 D M3	248255.50	843065.03	46.12
[redacted] 8R	SSE400 DT STD	248129.09	842899.86	56.42
[redacted] 8A	SSE400 DT STD+3	247997.64	842727.64	59.42
[redacted] 9R	SSE400 D55 E9	247890.93	842372.16	58.38
[redacted] 10	SSE400 D STD	247620.57	842090.14	49.12
[redacted] 11	SSE400 D55 STD	247417.869	841877.711	49.38

REFERENCES

1. FINAL ARRANGEMENT PLS CADD MODEL FNLN4–LT459–MES–OHLTA–ZZ–M–EO–7600 REV P04.
2. MAPPING DATA SUPPLIED BY SSE, DECEMBER 2023.

NOTES

1. ALL DIMENSIONS IN METRES AND ARE APPROXIMATE.
2. THIS DRAWING IS INTENDED TO BE VIEWED IN COLOUR.
3. FINAL CIRCUIT NAMES AND TOWER NUMBERS TO BE CONFIRMED.
4. TOWER HEIGHTS EXCLUDE HILLSIDE LEG EXTENSIONS/ REDUCTIONS.

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DATE	10/01/2025			REMARKS
ISSUE	P04	CHECKED	AA	6R POSITION UPDATED, CIRCUIT NAMES UPDATED.
DRAWN	KBI	APPROVED	JC	
SSE SCHEME No.	LT459			

CLIENT

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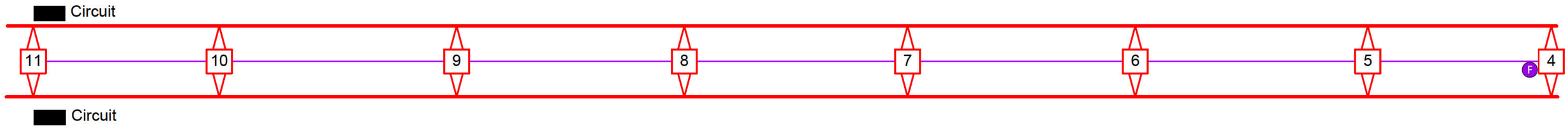
www.morrisones.com

TITLE

FANELLAN 400kV TIE IN
TOWER POSITION PLANS

SITE	FANELLAN 400kV TIE IN	ISSUE P04
SSE DRAWING NUMBER	FNLN4–LT459–MES–OHL–ZZ–D–EO–5001	
ORIGINATOR DRAWING NUMBER	2637010.01/5001	SHEET No. 2 / No. OF SHEETS 2
		SCALE:- 1:5000

Existing Configuration



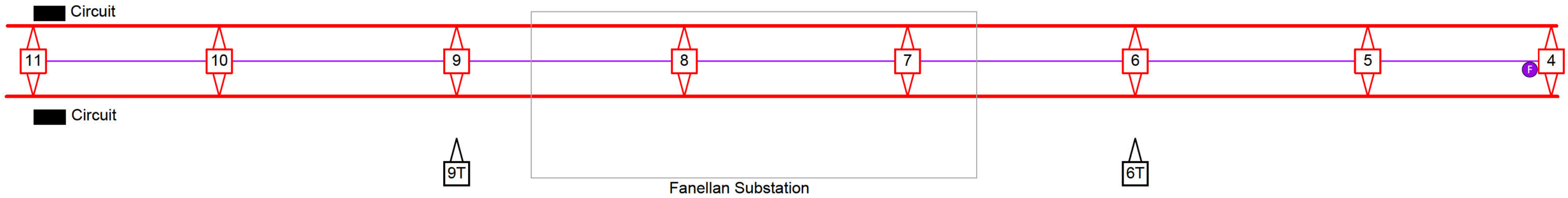
Key

- Assets which are “LIVE”
- Assets which are “DEAD”
- Assets which are “UNDER CONSTRUCTION”
- Assets which are “DECOMMISSIONED”
- OPGW “LIVE TRAFFIC”
- F Existing Fibre Cannister
- F New Fibre Cannister

Project:	Fanellan 400kV Tie In			Date:	16/08/24
Client Doc Ref:	LT459-MES-OHL-ZZ-SCH-EO-5006	MES Doc Ref:	2637010.01/5006	Electrical Stage by Stage Diagrams	Issue: P02

Stage 1

- New Fanellan Substation construction underway
- Install foundations and build towers 6T and 9T



Key

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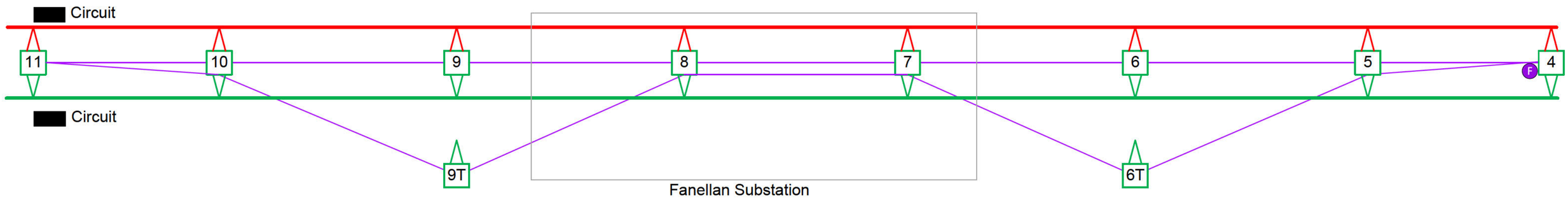
Project:	Fanellan 400kV Tie In			Date:	07/10/24
Client Doc Ref:	LT459-MES-OHL-ZZ-SCH-EO-5006	MES Doc Ref:	2637010.01/5006	Electrical Stage by Stage Diagrams	Issue: P03

Stage 2

- Outage - [redacted]
- Modify Tower Peaks on towers 4, 5, 6, 7, 8, 9, 10 and 11 in readiness to receive additional OPGW
- Install additional OPGW 4 – 5 – 6T – 7 – 8 – 9T – 10 – 11



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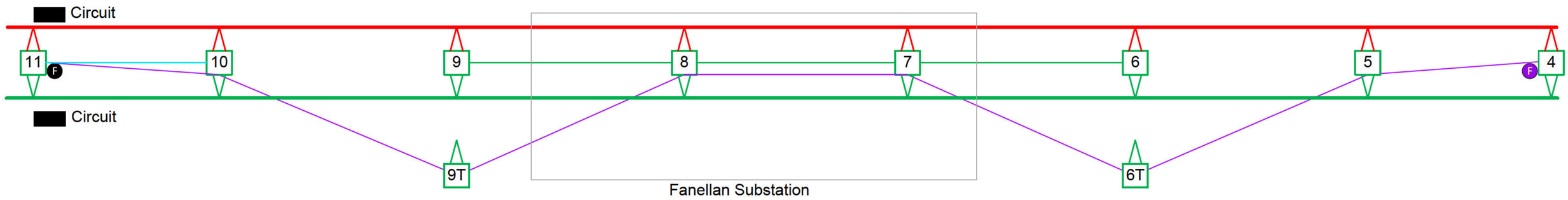
Project:	Fanellan 400kV Tie In			Date:	07/10/24
Client Doc Ref:	LT459-MES-OHL-ZZ-SCH-EO-5006	MES Doc Ref:	2637010.01/5006	Electrical Stage by Stage Diagrams	Issue: P03

Stage 3

- Outage - [redacted]
- Remove OPGW 10 – 11 and cleat down tower 11 to new joint box **
- Splice new OPGW at 4 and 11 **
- Remove OPGW 4 – 6 and 9 - 10

**(12hr Fibre Outage)



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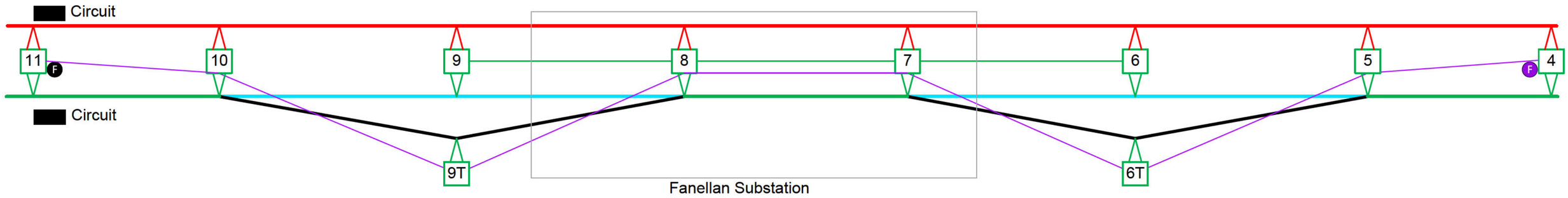
Project:	Fanellan 400kV Tie In			Date:	07/10/24
Client Doc Ref:	LT459-MES-OHL-ZZ-SCH-EO-5006	MES Doc Ref:	2637010.01/5006	Electrical Stage by Stage Diagrams	Issue: P03

Stage 4

- Outage – [redacted]
- Install temporary diversion 5 to 7
- Install temporary diversion 8 to 10



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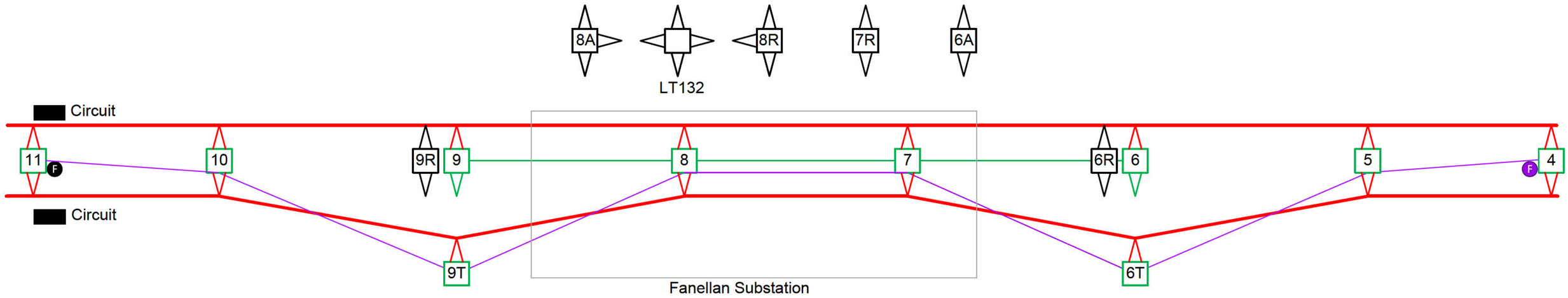
- F New Fibre Cannister

Project:	Fanellan 400kV Tie In			Date:	07/10/24
Client Doc Ref:	LT459-MES-OHL-ZZ-SCH-EO-5006	MES Doc Ref:	2637010.01/5006	Electrical Stage by Stage Diagrams	Issue: P03

Stage 5

- Install foundations and build towers 8A, 8R, 7R, 6A and LT132
- Install foundations and part build towers 6R and 9R



Key

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- Assets which are “UNDER CONSTRUCTION”
- Assets which are “DECOMMISSIONED”
- OPGW “LIVE TRAFFIC”

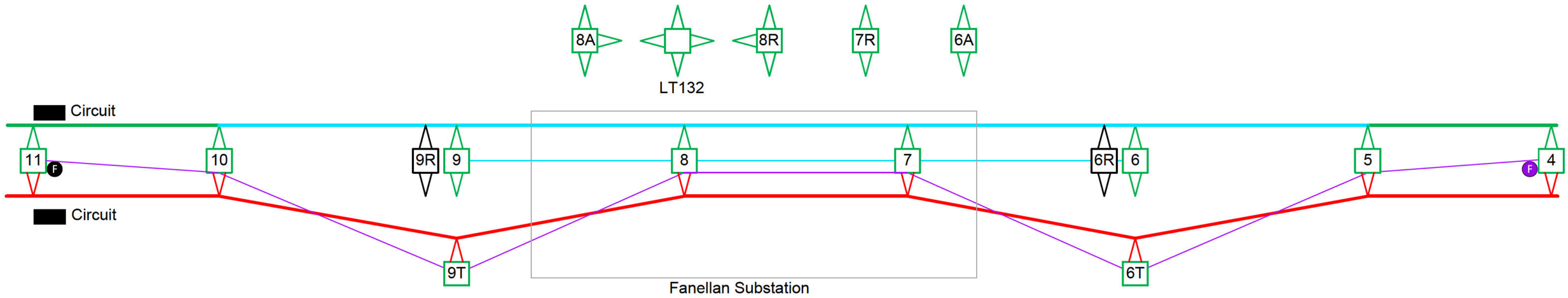
F Existing Fibre Cannister

F New Fibre Cannister

Project:	Fanellan 400kV Tie In			Date:	07/10/24
Client Doc Ref:	LT459-MES-OHL-ZZ-SCH-EO-5006	MES Doc Ref:	2637010.01/5006	Electrical Stage by Stage Diagrams	Issue: P03

Stage 6

- Outage – [redacted]
- Remove conductors 5 – 10
- Remove OPGW 6 - 9



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- Assets which are “DECOMMISSIONED”
- OPGW “LIVE TRAFFIC”
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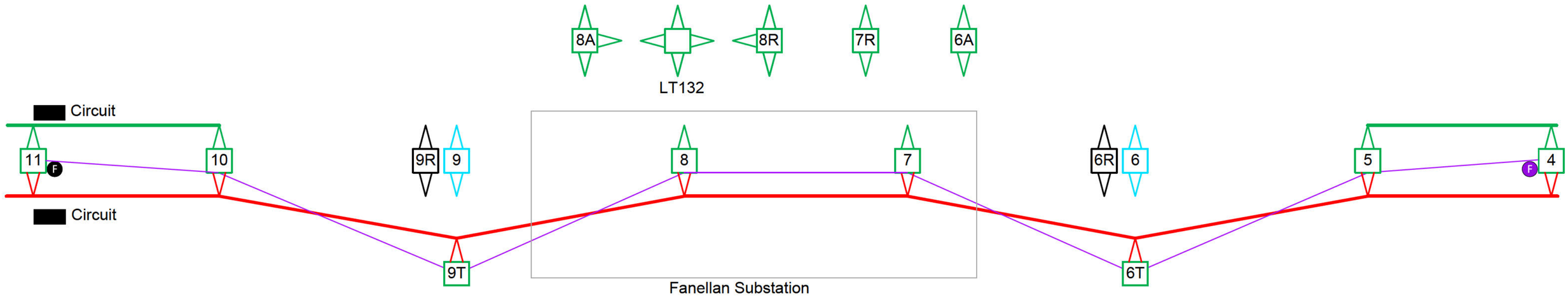
- F New Fibre Cannister

Project:	Fanellan 400kV Tie In			Date:	07/10/24
Client Doc Ref:	LT459-MES-OHL-ZZ-SCH-EO-5006	MES Doc Ref:	2637010.01/5006	Electrical Stage by Stage Diagrams	Issue: P03

Stage 7

- Outage – [redacted]
- Complete towers 6R and 9R
- Dismantle towers 6 and 9



Key

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- Assets which are “DEAD”
- Assets which are “UNDER CONSTRUCTION”
- Assets which are “DECOMMISSIONED”
- OPGW “LIVE TRAFFIC”

F Existing Fibre Cannister

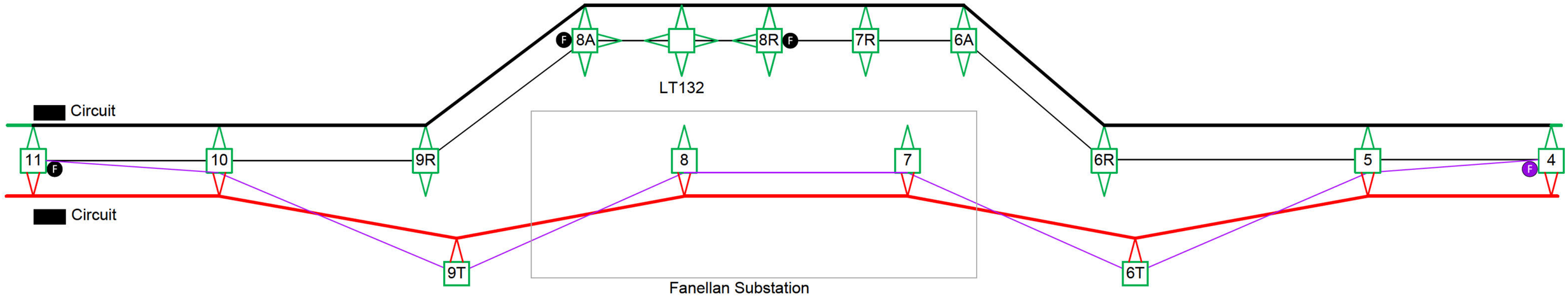
F New Fibre Cannister

Project:	Fanellan 400kV Tie In			Date:	07/10/24
Client Doc Ref:	LT459-MES-OHL-ZZ-SCH-EO-5006	MES Doc Ref:	2637010.01/5006	Electrical Stage by Stage Diagrams	Issue: P03

Stage 8

- Outage – [redacted]
- Install [redacted] circuit conductor and OPGW 4 – 5 - 6R – 6A – 7R – 8R
- Install [redacted] circuit conductor and OPGW 8A - 9R – 10 – 11
- Install fibre joint boxes on 8A and 8R
- Install temporary span [redacted] Circuit 8R – 8A
- Splice OPGW at towers 4, 8R, 8A and 11 **

** (12hr Fibre Outage)



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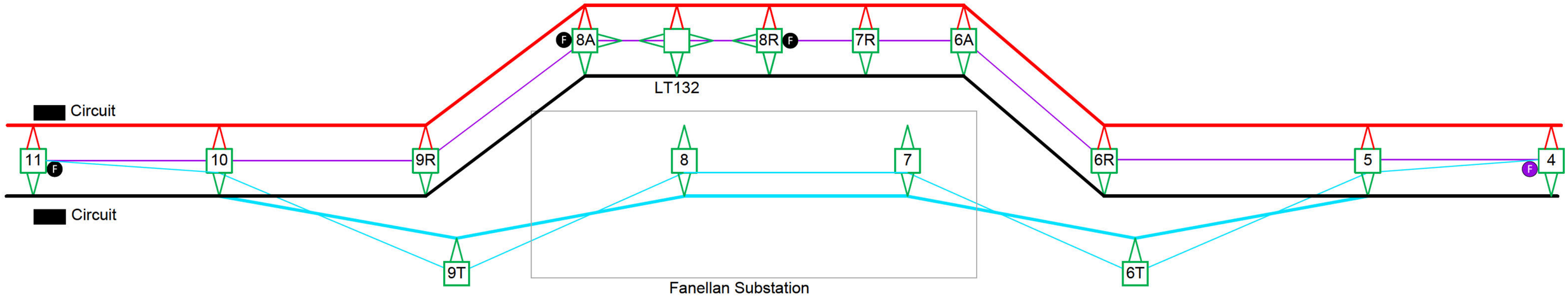
- Assets which are “UNDER CONSTRUCTION”
- Assets which are “DECOMMISSIONED”
- OPGW “LIVE TRAFFIC”
- F Existing Fibre Cannister
- F New Fibre Cannister

Project:	Fanellan 400kV Tie In			Date:	07/10/24
Client Doc Ref:	LT459-MES-OHL-ZZ-SCH-EO-5006	MES Doc Ref:	2637010.01/5006	Electrical Stage by Stage Diagrams	Issue: P03

Stage 9

- Outage – [redacted]
- Remove temporary diversions
- Remove conductor and OPGW 5 – 6T - 7 – 8 – 9T - 10
- Install [redacted] circuit conductor 4 - 5 - 6R – 6A – 7R – 8R
- Install [redacted] circuit conductor 8A – 9R – 10 - 11
- Install temporary span [redacted] Circuit 8R – 8A



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- Assets which are “DECOMMISSIONED”
- OPGW “LIVE TRAFFIC”
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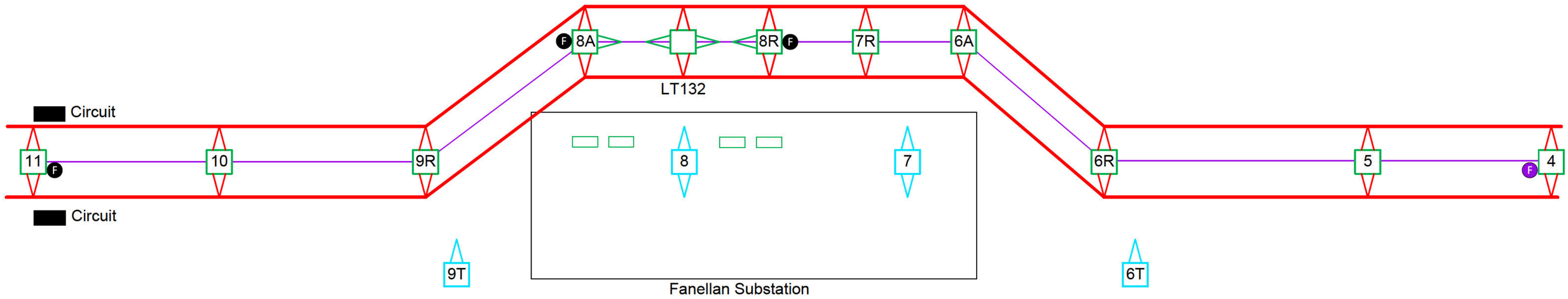
Project:	Fanellan 400kV Tie In			Date:	07/10/24
Client Doc Ref:	LT459-MES-OHL-ZZ-SCH-EO-5006	MES Doc Ref:	2637010.01/5006	Electrical Stage by Stage Diagrams	Issue: P03

Stage 10

- Dismantle Tower 6T, 7, 8 and 9T



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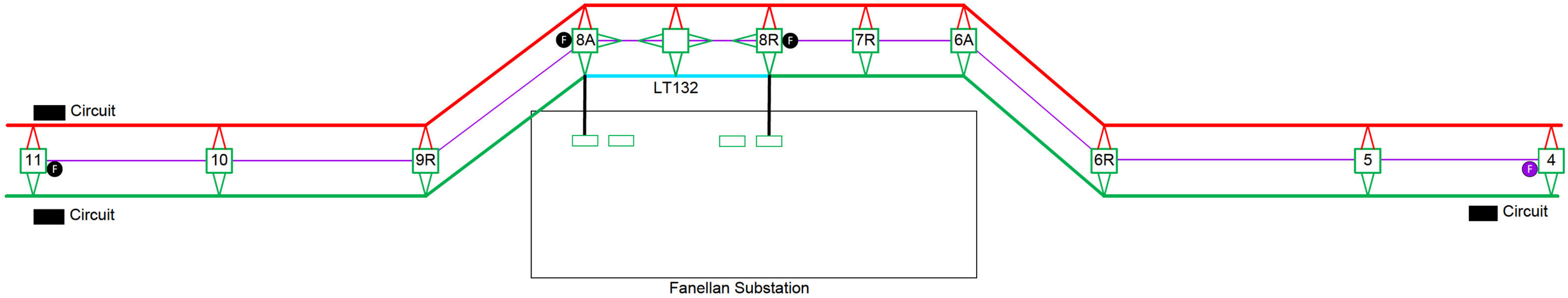
Project:	Fanellan 400kV Tie In			Date:	07/10/24
Client Doc Ref:	LT459-MES-OHL-ZZ-SCH-EO-5006	MES Doc Ref:	2637010.01/5006	Electrical Stage by Stage Diagrams	Issue: P03

Stage 11

- Outage – [redacted]
- Remove temporary [redacted] circuit conductor 8R – 8A
- Install downleads 8R
- Install downleads 8A
- New circuit [redacted] created
- New circuit [redacted] created



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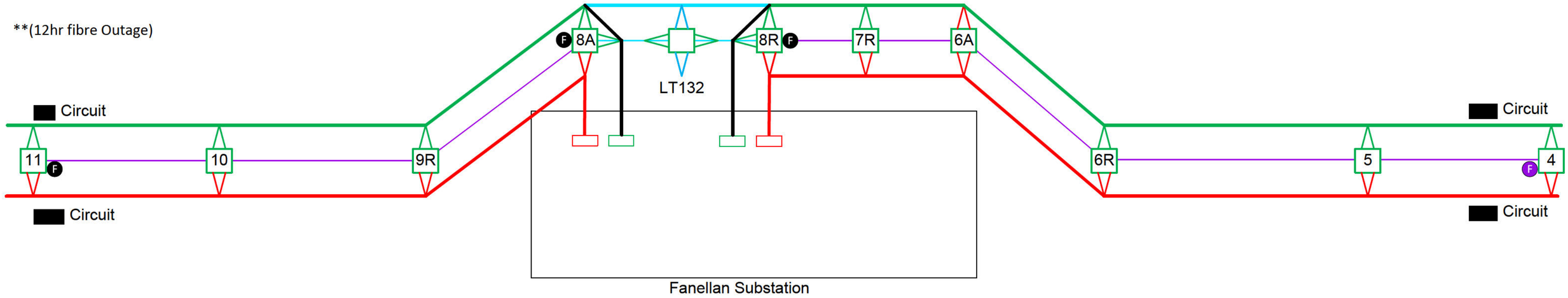
- F New Fibre Cannister

Project:	Fanellan 400kV Tie In			Date:	07/10/24
Client Doc Ref:	LT459-MES-OHL-ZZ-SCH-EO-5006	MES Doc Ref:	2637010.01/5006	Electrical Stage by Stage Diagrams	Issue: P03

Stage 12

- Outage – [redacted]
- Remove temporary [redacted] circuit conductor 8R – 8A
- Install downleads and cross jumpers 8R
- Install downleads and cross jumpers 8A
- New circuit [redacted] created
- New circuit [redacted] created
- Splice OPGW to underground fibre **
- Remove OPGW 8R – 8A
- Remove redundant crossarms from LT132 tower

**(12hr fibre Outage)



Key

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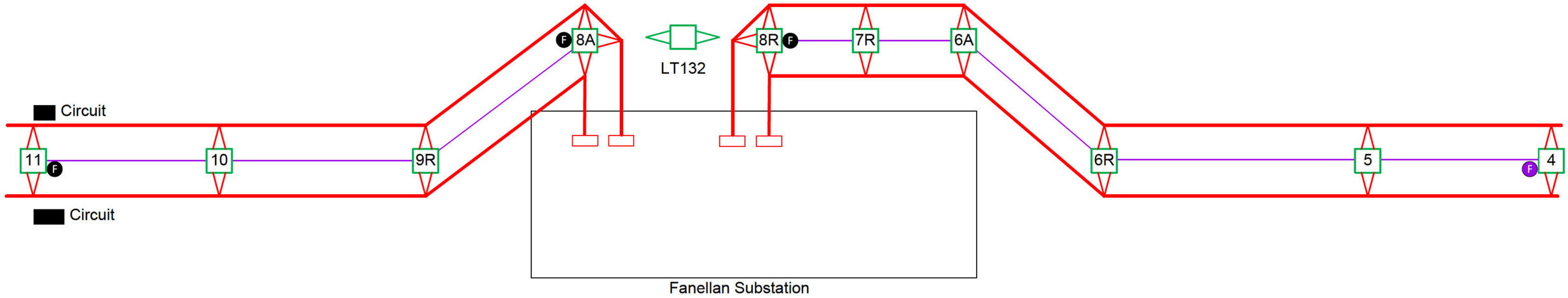
Project:	Fanellan 400kV Tie In			Date:	07/10/24
Client Doc Ref:	LT459-MES-OHL-ZZ-SCH-EO-5006	MES Doc Ref:	2637010.01/5006	Electrical Stage by Stage Diagrams	Issue: P03

Final Configuration



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F Existing Fibre Cannister

F New Fibre Cannister

Project:	Fanellan 400kV Tie In			Date:	07/10/24
Client Doc Ref:	LT459-MES-OHL-ZZ-SCH-EO-5006	MES Doc Ref:	2637010.01/5006	Electrical Stage by Stage Diagrams	Issue: P03

Appendix B EMF PLS CADD RESULTS

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Uncontrolled if Printed

PLS-CADD Version 20.00x64 11:11:49 10 October 2024
M Group Services Limited - UK
Project Name: 'D:\SSE ASTI PLS CADD Models\LT459 Fanellan 16092024\FNLN4-LT459-MES-OHL-ZZ-M-EO-7600-P03.1.don'
Line Title: 'MES Final Arrangement with Gantries - PLS Tower DT towers'

3D EMF Calculation Notes:
  1) Calculations based on the EPRI Red Book methods (3rd Edition, 2005 - 7.4 Calculation of Magnetic Fields and Appendices 7.1 Calculation of Field Ellipse Parameters and 7.6 Electric Field Calculations for 3D Geometry).
  2) All wire positions are modeled at the specified weather case and wind direction. Height above ground determined by the modeled ground TIN.
  3) Only the effects of wires are being analyzed. The effects of structures are not included unless enabled as noted below.
  4) Ground return is being ignored for magnetic field calculations.

Meter height above ground: 1.00 (m)
Maximum wire distance: 150.00 (m)
Maximum cable segment size: 3.00 (m)
Cross section offset +/-: 30.00 (m)
Result interval: 1.00 (m)
Electric field limit: 9.00 (kV/m)
Magnetic field limit: 360.00 (uT)
Space potential limit: 0.00 (kV)
Contour Map Spacing: 3 (m)
Analyzing spans between these structures: [redacted]4 - [redacted]9R, Gantry 1 - Gantry 4

One or more sections have wind from both directions which is not supported. A wind direction of left is being used for those sections.

Section Data for 3D EMF Results:

Section Number	Section Note	Voltage Ph-Ph (kV)	Current (Amps)	Cable Filename	Cable Description	Conductors Per Phase	Bundle Diameter (cm)	Cable Radius (cm)	Weather Case	Condition	Wind Dir.	WC Temperature (deg C)	Effective Radius (cm)
1		0.0	0.0	AACSR OPGW	OPGW Data Sheet	1	0.000	1.190	10°C	Creep FE	Left	10.000	1.190
2		0.0	0.0	AACSR OPGW	OPGW Data Sheet	1	0.000	1.190	10°C	Creep FE	Left	10.000	1.190
3		0.0	0.0	AACSR OPGW	OPGW Data Sheet	1	0.000	1.190	10°C	Creep FE	Left	10.000	1.190
4		0.0	0.0	AACSR OPGW	OPGW Data Sheet	1	0.000	1.190	10°C	Creep FE	Left	10.000	1.190
5		0.0	0.0	AACSR OPGW	OPGW Data Sheet	1	0.000	1.190	10°C	Creep FE	Left	10.000	1.190
6		0.0	0.0	AACSR OPGW	OPGW Data Sheet	1	0.000	1.190	10°C	Creep FE	Left	10.000	1.190
9		400.0	3400.0	Lamifil_700mm_aaac_araucaria_EHC_RTS	EHC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
10		400.0	3400.0	Lamifil_700mm_aaac_araucaria_EHC_RTS	EHC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
11		400.0	3400.0	Lamifil_700mm_aaac_araucaria_EHC_RTS	EHC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
12		400.0	3400.0	Lamifil_700mm_aaac_araucaria_EHC_RTS	EHC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
13		400.0	3400.0	Lamifil_700mm_aaac_araucaria_EHC_RTS	EHC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
14		400.0	3400.0	Lamifil_700mm_aaac_araucaria_EHC_RTS	EHC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
15		400.0	3400.0	Lamifil_700mm_aaac_araucaria_EHC_RTS	EHC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
16		400.0	3400.0	Lamifil_700mm_aaac_araucaria_EHC_RTS	EHC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
17		400.0	3400.0	Lamifil_700mm_aaac_araucaria_EHC_RTS	EHC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
18		400.0	3400.0	Lamifil_700mm_aaac_araucaria_EHC_RTS	EHC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
19		400.0	3400.0	Lamifil_700mm_aaac_araucaria_EHC_RTS	EHC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
20		400.0	3400.0	Lamifil_700mm_aaac_araucaria_EHC_RTS	EHC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
21		400.0	3400.0	Lamifil_700mm_aaac_araucaria_EHC_RTS	EHC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
22		400.0	3400.0	Lamifil_700mm_aaac_araucaria_EHC_RTS	EHC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
23		400.0	3400.0	Lamifil_700mm_aaac_araucaria_EHC_RTS	EHC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
24		400.0	3400.0	Lamifil_700mm_aaac_araucaria_EHC_RTS	EHC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
25		400.0	3400.0	Lamifil_700mm_aaac_araucaria_EHC_RTS	EHC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
26		400.0	3400.0	Lamifil_700mm_aaac_araucaria_EHC_RTS	EHC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
27		400.0	3400.0	Lamifil_700mm_aaac_araucaria_EHC_RTS	EHC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
28		400.0	3400.0	Lamifil_700mm_aaac_araucaria_EHC_RTS	EHC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
29		400.0	3400.0	Lamifil_700mm_aaac_araucaria_EHC_RTS	EHC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
30		400.0	3400.0	Lamifil_700mm_aaac_araucaria_EHC_RTS	EHC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
31		400.0	3400.0	Lamifil_700mm_aaac_araucaria_EHC_RTS	EHC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
32		400.0	3400.0	Lamifil_700mm_aaac_araucaria_EHC_RTS	EHC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
33		400.0	3400.0	Lamifil_700mm_aaac_araucaria_EHC_RTS	EHC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
34		400.0	3400.0	Lamifil_700mm_aaac_araucaria_EHC_RTS	EHC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
35		400.0	3400.0	Lamifil_700mm_aaac_araucaria_EHC_RTS	EHC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
36		400.0	3400.0	Lamifil_700mm_aaac_araucaria_EHC_RTS	EHC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
37		400.0	3400.0	Lamifil_700mm_aaac_araucaria_EHC_RTS	EHC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
38		400.0	3400.0	Lamifil_700mm_aaac_araucaria_EHC_RTS	EHC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
39		400.0	3400.0	Lamifil_700mm_aaac_araucaria_EHC_RTS - 8kN	EHC - 700mm² AAAC - Araucaria - RTS	2	30.000	1.863	90°C	Creep FE	Left	90.000	7.476
40		400.0	3400.0	Lamifil_700mm_aaac_araucaria_EHC_RTS - 8kN	EHC - 700mm² AAAC - Araucaria - RTS	2	30.000	1.863	90°C	Creep FE	Left	90.000	7.476
41		400.0	3400.0	Lamifil_700mm_aaac_araucaria_EHC_RTS - 8kN	EHC - 700mm² AAAC - Araucaria - RTS	2	30.000	1.863	90°C	Creep FE	Left	90.000	7.476
42		400.0	3400.0	Lamifil_700mm_aaac_araucaria_EHC_RTS - 8kN	EHC - 700mm² AAAC - Araucaria - RTS	2	30.000	1.863	90°C	Creep FE	Left	90.000	7.476
43		400.0	3400.0	Lamifil_700mm_aaac_araucaria_EHC_RTS - 8kN	EHC - 700mm² AAAC - Araucaria - RTS	2	30.000	1.863	90°C	Creep FE	Left	90.000	7.476
44		400.0	3400.0	Lamifil_700mm_aaac_araucaria_EHC_RTS - 8kN	EHC - 700mm² AAAC - Araucaria - RTS	2	30.000	1.863	90°C	Creep FE	Left	90.000	7.476
45		400.0	3400.0	Lamifil_700mm_aaac_araucaria_EHC_RTS - 8kN	EHC - 700mm² AAAC - Araucaria - RTS	2	30.000	1.863	90°C	Creep FE	Left	90.000	7.476
46		400.0	3400.0	Lamifil_700mm_aaac_araucaria_EHC_RTS - 8kN	EHC - 700mm² AAAC - Araucaria - RTS	2	30.000	1.863	90°C	Creep FE	Left	90.000	7.476
47		400.0	3400.0	Lamifil_700mm_aaac_araucaria_EHC_RTS - 8kN	EHC - 700mm² AAAC - Araucaria - RTS	2	30.000	1.863	90°C	Creep FE	Left	90.000	7.476
48		400.0	3400.0	Lamifil_700mm_aaac_araucaria_EHC_RTS - 8kN	EHC - 700mm² AAAC - Araucaria - RTS	2	30.000	1.863	90°C	Creep FE	Left	90.000	7.476
49		400.0	3400.0	Lamifil_700mm_aaac_araucaria_EHC_RTS - 8kN	EHC - 700mm² AAAC - Araucaria - RTS	2	30.000	1.863	90°C	Creep FE	Left	90.000	7.476
50		400.0	3400.0	Lamifil_700mm_aaac_araucaria_EHC_RTS - 8kN	EHC - 700mm² AAAC - Araucaria - RTS	2	30.000	1.863	90°C	Creep FE	Left	90.000	7.476
51		400.0	3400.0	Lamifil_700mm_aaac_araucaria_HC_RTS	HC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
54		400.0	3400.0	Lamifil_700mm_aaac_araucaria_HC_RTS	HC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
57		400.0	3400.0	Lamifil_700mm_aaac_araucaria_HC_RTS	HC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
60		400.0	3400.0	Lamifil_700mm_aaac_araucaria_HC_RTS	HC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
63		400.0	3400.0	Lamifil_700mm_aaac_araucaria_HC_RTS	HC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
66		400.0	3400.0	Lamifil_700mm_aaac_araucaria_HC_RTS	HC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651

Centerline results between structures [redacted]4 and [redacted]-5

3D EMF Point Results Centerline from [redacted]4 to [redacted]5:

Measurement			B					H	EF					Space Potential				
X (m)	Y (m)	Z (m)	Real (uT)	Imaginary (uT)	Angle (deg)	Magnitude (uT)	Polarization Axial Ratio %	Magnitude (A/m)	Real (kV/m)	Imaginary (kV/m)	Angle (deg)	Magnitude (kV/m)	Polarization Axial Ratio %	Real (kV)	Imaginary (kV)	Angle (deg)	Magnitude (kV)	
249438.0	843965.0	38.7	9.677	6.212	32.7	11.499	16.5	9.151	0.124	0.590	78.1	0.603	20.4	0.033	0.970	88.1	0.971	
249437.3	843964.3	38.6	9.537	6.137	32.8	11.341	16.6	9.025	0.113	0.579	79.0	0.590	19.5	0.065	0.885	85.8	0.888	
249436.6	843963.6	38.5	9.433	6.087	32.8	11.226	16.8	8.933	0.106	0.573	79.5	0.583	18.5	0.092	0.811	83.5	0.816	
249435.9	843962.8	38.4	9.370	6.066	32.9	11.162	17.2	8.882	0.105	0.571	79.6	0.580	17.6	0.116	0.752	81.2	0.761	
249435.2	843962.1	38.4	9.345	6.070	33.0	11.143	17.7	8.868	0.109	0.572	79.3	0.582	16.9	0.139	0.705	78.9	0.719	
249434.5	843961.4	38.4	9.398	6.123	33.1	11.217	18.2	8.926	0.120	0.577	78.2	0.589	17.3	0.164	0.703	76.8	0.721	
249433.8	843960.7	38.3	9.433	6.164	33.2	11.268	18.9	8.967	0.129	0.584	77.6	0.598	16.7	0.185	0.669	74.5	0.694	
249433.1	843960.0	38.3	9.517	6.234	33.2	11.377	19.6	9.054	0.142	0.594	76.6	0.611	16.7	0.208	0.658	72.4	0.690	
249432.4	843959.3	38.3	9.656	6.337	33.3	11.550	20.3	9.191	0.158	0.606	75.4	0.626	17.5	0.237	0.674	70.7	0.715	
249431.7	843958.5	38.4	9.814	6.449	33.3	11.744	21.0	9.345	0.176	0.619	74.2	0.643	18.2	0.267	0.693	68.9	0.742	
249431.0	843957.8	38.4	9.984	6.565	33.3	11.949	21.7	9.509	0.193	0.633	73.1	0.662	18.7	0.297	0.707	67.2	0.767	
249430.3	843957.1	38.3	10.046	6.609	33.3	12.024	22.4	9.569	0.202	0.646	72.7	0.677	16.6	0.303	0.633	64.5	0.702	
249429.6	843956.4	38.3	10.210	6.714	33.3	12.219	23.1	9.724	0.218	0.661	71.8	0.696	16.5	0.326	0.628	62.6	0.707	
249429.0	843955.7	38.3	10.416	6.842	33.3	12.462	23.7	9.917	0.236	0.676	70.8	0.716	17.1	0.356	0.646	61.1	0.738	
249428.3	843954.9	38.4	10.648	6.983	33.3	12.733	24.2	10.133	0.255	0.690	69.7	0.736	18.0	0.392	0.679	60.0	0.784	
249427.6	843954.2	38.4	10.865	7.111	33.2	12.985	24.7	10.333	0.273	0.705	68.9	0.755	18.6	0.423	0.697	58.7	0.816	
249426.9	843953.5	38.4	11.024	7.199	33.1	13.166	25.1	10.478	0.286	0.718	68.3	0.773	17.9	0.439	0.673	56.9	0.804	
249426.2	843952.8	38.3	11.172	7.279	33.1	13.334	25.5	10.611	0.299	0.730	67.7	0.789	17.1	0.451	0.642	54.9	0.785	
249425.5	843952.1	38.3	11.307	7.349	33.0	13.485	25.8	10.731	0.311	0.742	67.3	0.804	16.0	0.459	0.602	52.7	0.757	
249424.8	843951.4	38.3	11.447	7.420	33.0	13.642	26.0	10.856	0.323	0.753	66.8	0.819	15.1	0.466	0.568	50.6	0.735	
249424.1	843950.6	38.3	11.626	7.515	32.9	13.844	26.2	11.016	0.336	0.763	66.3	0.834	15.1	0.485	0.562	49.2	0.743	
249423.4	843949.9	38.3	11.800	7.606	32.8	14.039	26.4	11.172	0.348	0.773	65.8	0.848	15.0	0.502	0.556	47.9	0.749	
249422.7	843949.2	38.3	11.966	7.692	32.7	14.225	26.5	11.320	0.359	0.783	65.3	0.861	14.8	0.517	0.547	46.6	0.753	
249422.0	843948.5	38.3	12.126	7.773	32.7	14.403	26.6	11.462	0.370	0.791	64.9	0.873	14.6	0.531	0.536	45.3	0.755	
249421.3	843947.8	38.3	12.279	7.851	32.6	14.574	26.6	11.598	0.380	0.799	64.6	0.885	14.5	0.544	0.525	44.0	0.756	
249420.6	843947.0	38.3	12.482	7.958	32.5	14.803	26.6	11.780	0.391	0.807	64.2	0.897	15.2	0.572	0.549	43.8	0.793	
249419.9	843946.3	38.5	12.787	8.128	32.4	15.151	26.5	12.057	0.406	0.816	63.5	0.911	17.6	0.633	0.642	45.4	0.902	
249419.2	843945.6	38.6	13.035	8.263	32.4	15.434	26.4	12.282	0.419	0.824	63.0	0.924	19.2	0.677	0.700	45.9	0.974	
249418.5	843944.9	38.6	13.204	8.352	32.3	15.624	26.3	12.433	0.428	0.830	62.8	0.934	19.5	0.699	0.710	45.5	0.996	
249417.8	843944.2	38.6	13.343	8.423	32.3	15.779	26.2	12.556	0.434	0.836	62.5	0.942	19.5	0.712	0.704	44.7	1.001	
249417.1	843943.5	38.6	13.476	8.491	32.2	15.928	26.2	12.675	0.441	0.842	62.4	0.950	19.5	0.724	0.698	44.0	1.005	
249416.4	843942.7	38.6	13.607	8.559	32.2	16.075	26.1	12.792	0.447	0.847	62.2	0.958	19.5	0.736	0.693	43.3	1.011	
249415.7	843942.0	38.7	13.741	8.630	32.1	16.226	26.0	12.912	0.453	0.852	62.0	0.965	19.6	0.750	0.692	42.7	1.020	
249415.0	843941.3	38.7	13.870	8.698	32.1	16.371	25.9	13.028	0.458	0.857	61.9	0.972	19.7	0.763	0.691	42.2	1.029	
249414.3	843940.6	38.7	13.973	8.752	32.1	16.488	25.8	13.120	0.462	0.862	61.8	0.978	19.5	0.769	0.677	41.4	1.024	
249413.6	843939.9	38.7	14.066	8.799	32.0	16.591	25.7	13.203	0.466	0.866	61.7	0.983	19.2	0.772	0.658	40.4	1.014	
249412.9	843939.1	38.7	14.166	8.853	32.0	16.705	25.6	13.293	0.469	0.870	61.7	0.989	19.1	0.778	0.646	39.7	1.011	
249412.2	843938.4	38.7	14.301	8.927	32.0	16.858	25.4	13.415	0.474	0.875	61.5	0.995	19.5	0.796	0.656	39.5	1.031	
249411.6	843937.7	38.8	14.432	8.999	31.9	17.008	25.3	13.534	0.479	0.879	61.4	1.001	19.9	0.813	0.667	39.3	1.051	
249410.9	843937.0	38.8	14.561	9.071	31.9	17.155	25.2	13.652	0.483	0.883	61.3	1.007	20.3	0.830	0.677	39.2	1.071	
249410.2	843936.3	38.8	14.687	9.142	31.9	17.300	25.1	13.767	0.488	0.888	61.2	1.013	20.7	0.847	0.688	39.1	1.091	
249409.5	843935.6	38.9	14.811	9.212	31.9	17.442	25.0	13.880	0.492	0.892	61.1	1.018	21.1	0.864	0.698	38.9	1.111	
249408.8	843934.8	39.0	14.974	9.305	31.9	17.629	24.9	14.029	0.498	0.896	60.9	1.025	22.1	0.894	0.733	39.4	1.156	
249408.1	843934.1	38.9	15.032	9.337	31.8	17.696	24.8	14.082	0.499	0.899	61.0	1.028	21.7	0.892	0.708	38.4	1.138	
249407.4	843933.4	38.9	15.090	9.368	31.8	17.761	24.7	14.134	0.500	0.902	61.0	1.032	21.3	0.890	0.683	37.5	1.122	
249406.7	843932.7	38.9	15.145	9.399	31.8	17.824	24.6	14.184	0.501	0.906	61.1	1.035	20.8	0.888	0.659	36.6	1.106	
249406.0	843932.0	38.9	15.198	9.428	31.8	17.885	24.6	14.233	0.501	0.909	61.1	1.038	20.4	0.886	0.634	35.6	1.090	
249405.3	843931.3	39.0	15.275	9.472	31.8	17.973	24.5	14.303	0.503	0.912	61.1	1.041	20.4	0.892	0.625	35.0	1.089	
249404.6	843930.5	39.0	15.365	9.524	31.8	18.077	24.4	14.385	0.505	0.915	61.1	1.046	20.5	0.902	0.625	34.7	1.097	
249403.9	843929.8	39.0	15.457	9.577	31.8	18.184	24.3	14.470	0.508	0.919	61.1	1.050	20.7	0.913	0.627	34.5	1.108	
249403.2	843929.1	39.0	15.565	9.640	31.8	18.309	24.3	14.570	0.511	0.922	61.0	1.054	21.2	0.929	0.641	34.6	1.129	
249402.5	843928.4	39.1	15.673	9.703	31.8	18.433	24.2	14.669	0.514	0.925	60.9	1.059	21.6	0.946	0.654	34.7	1.150	
249401.8	843927.7	39.1	15.779	9.765	31.8	18.556	24.1	14.767	0.517	0.929	60.9	1.063	22.1	0.962	0.669	34.8	1.172	
249401.1	843926.9	39.2	15.884	9.827	31.7	18.678	24.0	14.864	0.521	0.932	60.8	1.067	22.6	0.978	0.684	35.0	1.194	
249400.4	843926.2	39.2	15.989	9.888	31.7	18.799	23.9	14.960	0.524	0.935	60.7	1.072	23.1	0.994	0.700	35.1	1.216	
249399.7	843925.5	39.2	16.057	9.928	31.7	18.879	23.9	15.023	0.526	0.938	60.7	1.075	23.1	1.000	0.697	34.9	1.219	
249399.0	843924.8	39.2	16.035	9.914	31.7	18.852	23.9	15.002	0.523	0.939	60.9	1.075	22.0	0.980	0.643	33.3	1.172	
249398.3	843924.1	39.2	16.125	9.967	31.7	18.956	23.8	15.085	0.525	0.942	60.8	1.078	22.3	0.992	0.656	33.5	1.189	
249397.6	843923.4	39.2	16.214	10.020	31.7	19.060	23.7	15.167	0.528	0.944	60.8	1.082	22.7	1.005	0.669	33.7	1.207	
249396.9	843922.6	39.2	16.279	10.058	31.7	19.136	23.7	15.228	0.530	0.946	60.8	1.085	22.8	1.011	0.670	33.6	1.213	
249396.2	843921.9	39.3	16.359	10.106	31.7	19.229	23.6	15.302	0.532	0.949	60.7	1.088	23.1	1.021	0.682	33.7	1.228	
249395.5	843921.2	39.3	16.429	10.147	31.7	19.310	23.6	15.366	0.534	0.951	60.7	1.090	23.4	1.029	0.689	33.8	1.238	
249394.9	843920.5	39.3	16.483	10.179	31.7	19.373	23.5	15.416	0.535	0.952	60.7	1.092	23.4	1.033	0.689	33.7	1.241	
249394.2	843919.8	39.3	16.536	10.210	31.7	19.434	23.5	15.465	0.537	0.954	60.6	1.094	23.4	1.036	0.690	33.7	1.245	
249393.5	843919.0	39.3	16.587	10.241	31.7	19.494	23.5	15.513	0.538	0.955	60.6	1.096	23.5	1.039	0.692	33.6	1.249	
249392.8	843918.3	39.3	16.639	10.271	31.7	19.554	23.4	15.561	0.539	0.957	60.6	1.098	23.6	1.043	0.695	33.7	1.254	
249392.1	843917.6	39.4	16.691	10.302	31.7	19.614	23.4	15.608	0.540	0.958	60.6	1.100	23.7	1.047	0.700	33.8	1.260	
249391.4	843916.9	39.4	16.741	10.332	31.7	19.672	23.3	15.655	0.542	0.959	60.5	1.101	23.9	1.051	0.706	33.9	1.266	
249390.7	843916.2	39.4	16.774	10.351	31.7	19.710	23.3	15.685	0.542	0.960	60.5	1.102	23.8	1.050	0.704	33.8	1.264	
249390.0	843915.5	39.4	16.790	10.361	31.7	19.729	23.3	15.700	0.542	0.960	60.6	1.103	23.5	1.045	0.694	33.6	1.255	
249389.3	843914.7	39.4	16.910	10.433	31.7	19.870	23.2	15.812	0.547	0.962	60.4	1.106	24.7	1.070	0.744	34.8	1.303	
249388.6	843914.0	39.4	16.903	10.429	31.7	19.862	23.2	15.805	0.546	0.962	60.4	1.106	24.2	1.059	0.724	34.3	1.283	
249387.9	843913.3	39.4	16.895	10.424	31.7	19.852	23.2	15.798	0.544	0.962	60.5	1.105	23.7	1.048	0.705	33.9	1.263	

249387.2	843912.6	39.4	16.889	10.420	31.7	19.845	23.2	15.792	0.543	0.962	60.5	1.105	23.2	1.038	0.688	33.5	1.245
249386.5	843911.9	39.4	16.884	10.418	31.7	19.839	23.2	15.787	0.542	0.962	60.6	1.104	22.8	1.029	0.673	33.2	1.229
249385.8	843911.1	39.4	16.888	10.420	31.7	19.844	23.2	15.791	0.542	0.962	60.6	1.104	22.5	1.022	0.665	33.0	1.219
249385.1	843910.4	39.4	16.927	10.443	31.7	19.889	23.2	15.827	0.543	0.962	60.6	1.105	22.8	1.026	0.676	33.4	1.229
249384.4	843909.7	39.4	16.964	10.466	31.7	19.933	23.2	15.862	0.544	0.962	60.5	1.106	23.0	1.030	0.689	33.8	1.239
249383.7	843909.0	39.4	17.001	10.487	31.7	19.975	23.1	15.896	0.545	0.963	60.5	1.106	23.2	1.033	0.701	34.2	1.249
249383.0	843908.3	39.4	17.025	10.502	31.7	20.004	23.1	15.919	0.546	0.963	60.4	1.107	23.3	1.034	0.708	34.4	1.253
249382.3	843907.6	39.4	17.004	10.490	31.7	19.980	23.1	15.899	0.545	0.962	60.5	1.106	22.8	1.022	0.691	34.1	1.234
249381.6	843906.8	39.4	16.982	10.477	31.7	19.954	23.1	15.879	0.543	0.962	60.5	1.105	22.3	1.010	0.674	33.7	1.214
249380.9	843906.1	39.4	16.962	10.465	31.7	19.931	23.1	15.860	0.542	0.961	60.6	1.103	21.9	0.999	0.658	33.4	1.196
249380.2	843905.4	39.4	16.955	10.462	31.7	19.923	23.1	15.854	0.541	0.961	60.6	1.103	21.7	0.991	0.651	33.3	1.186
249379.5	843904.7	39.3	16.947	10.457	31.7	19.914	23.1	15.847	0.541	0.961	60.6	1.102	21.4	0.984	0.644	33.2	1.176
249378.8	843904.0	39.3	16.938	10.452	31.7	19.903	23.1	15.839	0.540	0.960	60.6	1.102	21.2	0.977	0.637	33.1	1.166
249378.1	843903.2	39.4	16.968	10.470	31.7	19.938	23.1	15.866	0.541	0.960	60.6	1.102	21.5	0.981	0.652	33.6	1.178
249377.5	843902.5	39.4	17.102	10.549	31.7	20.094	23.1	15.990	0.548	0.961	60.3	1.106	23.2	1.016	0.725	35.5	1.248
249376.8	843901.8	39.5	17.194	10.603	31.7	20.200	23.0	16.075	0.552	0.962	60.1	1.109	24.3	1.038	0.775	36.7	1.295
249376.1	843901.1	39.5	17.194	10.604	31.7	20.201	23.0	16.076	0.552	0.962	60.1	1.109	24.2	1.034	0.775	36.9	1.293
249375.4	843900.4	39.5	17.191	10.602	31.7	20.197	23.0	16.072	0.552	0.961	60.1	1.108	24.2	1.029	0.774	36.9	1.288
249374.7	843899.7	39.5	17.185	10.598	31.7	20.190	23.0	16.067	0.552	0.961	60.1	1.108	24.1	1.024	0.772	37.0	1.283
249374.0	843898.9	39.5	17.178	10.594	31.7	20.182	23.0	16.060	0.552	0.960	60.1	1.108	24.0	1.019	0.770	37.1	1.277
249373.3	843898.2	39.5	17.169	10.590	31.7	20.173	23.0	16.053	0.552	0.960	60.1	1.107	23.9	1.014	0.768	37.1	1.272
249372.6	843897.5	39.5	17.161	10.585	31.7	20.163	23.0	16.045	0.552	0.959	60.1	1.107	23.8	1.008	0.766	37.2	1.266
249371.9	843896.8	39.5	17.152	10.580	31.7	20.152	23.0	16.037	0.552	0.959	60.1	1.106	23.7	1.003	0.764	37.3	1.261
249371.2	843896.1	39.5	17.138	10.571	31.7	20.136	23.0	16.024	0.551	0.958	60.1	1.106	23.6	0.997	0.759	37.3	1.253
249370.5	843895.3	39.5	17.113	10.557	31.7	20.107	23.0	16.001	0.551	0.958	60.1	1.105	23.3	0.988	0.749	37.2	1.240
249369.8	843894.6	39.5	17.099	10.549	31.7	20.091	23.0	15.988	0.550	0.957	60.1	1.104	23.2	0.983	0.746	37.2	1.234
249369.1	843893.9	39.5	17.092	10.544	31.7	20.082	23.0	15.981	0.550	0.957	60.1	1.104	23.2	0.980	0.745	37.3	1.231
249368.4	843893.2	39.5	17.083	10.539	31.7	20.072	23.0	15.973	0.550	0.956	60.1	1.103	23.2	0.978	0.745	37.3	1.229
249367.7	843892.5	39.5	17.072	10.533	31.7	20.060	23.0	15.964	0.550	0.956	60.1	1.103	23.1	0.975	0.744	37.3	1.226
249367.0	843891.8	39.5	17.061	10.527	31.7	20.047	23.0	15.953	0.550	0.955	60.1	1.102	23.1	0.974	0.742	37.3	1.224
249366.3	843891.0	39.5	17.049	10.520	31.7	20.033	23.1	15.942	0.550	0.955	60.1	1.102	23.1	0.972	0.740	37.3	1.222
249365.6	843890.3	39.5	17.035	10.512	31.7	20.017	23.1	15.929	0.550	0.955	60.1	1.101	23.0	0.972	0.737	37.2	1.220
249364.9	843889.6	39.5	17.020	10.503	31.7	20.000	23.1	15.916	0.549	0.954	60.1	1.101	23.0	0.972	0.734	37.1	1.218
249364.2	843888.9	39.5	16.999	10.490	31.7	19.975	23.1	15.896	0.548	0.954	60.1	1.100	22.9	0.971	0.727	36.8	1.213
249363.5	843888.2	39.5	16.975	10.476	31.7	19.947	23.1	15.874	0.547	0.953	60.2	1.099	22.7	0.970	0.719	36.5	1.207
249362.8	843887.4	39.5	16.949	10.461	31.7	19.918	23.1	15.850	0.546	0.953	60.2	1.098	22.6	0.969	0.710	36.2	1.202
249362.1	843886.7	39.5	16.923	10.446	31.7	19.887	23.1	15.826	0.544	0.953	60.3	1.097	22.4	0.970	0.701	35.8	1.197
249361.4	843886.0	39.5	16.896	10.430	31.7	19.855	23.1	15.800	0.543	0.952	60.3	1.096	22.3	0.971	0.691	35.4	1.192
249360.7	843885.3	39.5	16.867	10.413	31.7	19.822	23.1	15.774	0.541	0.952	60.4	1.095	22.1	0.973	0.681	35.0	1.188
249360.1	843884.6	39.5	16.837	10.395	31.7	19.788	23.1	15.747	0.540	0.952	60.4	1.094	21.9	0.975	0.671	34.5	1.184
249359.4	843883.9	39.5	16.807	10.377	31.7	19.752	23.2	15.718	0.538	0.951	60.5	1.093	21.8	0.978	0.661	34.1	1.180
249358.7	843883.1	39.5	16.775	10.358	31.7	19.715	23.2	15.689	0.536	0.951	60.6	1.092	21.6	0.981	0.650	33.6	1.177
249358.0	843882.4	39.5	16.778	10.360	31.7	19.719	23.2	15.692	0.536	0.951	60.6	1.091	21.9	0.995	0.660	33.6	1.194
249357.3	843881.7	39.5	16.781	10.362	31.7	19.722	23.2	15.694	0.536	0.950	60.6	1.091	22.2	1.009	0.670	33.6	1.211
249356.6	843881.0	39.5	16.739	10.337	31.7	19.674	23.2	15.656	0.534	0.950	60.7	1.089	22.0	1.011	0.657	33.0	1.205
249355.9	843880.3	39.5	16.672	10.298	31.7	19.596	23.2	15.594	0.531	0.949	60.8	1.087	21.4	1.005	0.629	32.1	1.186
249355.2	843879.5	39.5	16.640	10.278	31.7	19.558	23.2	15.564	0.529	0.948	60.8	1.085	21.3	1.010	0.623	31.6	1.187
249354.5	843878.8	39.5	16.606	10.259	31.7	19.520	23.2	15.533	0.527	0.947	60.9	1.084	21.3	1.015	0.616	31.3	1.188
249353.8	843878.1	39.5	16.581	10.244	31.7	19.490	23.3	15.509	0.526	0.946	60.9	1.082	21.3	1.023	0.615	31.0	1.194
249353.1	843877.4	39.5	16.566	10.235	31.7	19.473	23.3	15.496	0.526	0.945	60.9	1.081	21.5	1.034	0.622	31.0	1.206
249352.4	843876.7	39.5	16.551	10.226	31.7	19.456	23.3	15.482	0.525	0.944	60.9	1.080	21.7	1.044	0.629	31.1	1.219
249351.7	843876.0	39.5	16.535	10.217	31.7	19.437	23.3	15.467	0.525	0.942	60.9	1.079	21.9	1.054	0.637	31.1	1.232
249351.0	843875.2	39.5	16.508	10.200	31.7	19.405	23.3	15.442	0.524	0.941	60.9	1.077	22.0	1.061	0.640	31.1	1.239
249350.3	843874.5	39.5	16.467	10.176	31.7	19.357	23.3	15.404	0.522	0.939	60.9	1.075	22.0	1.063	0.635	30.9	1.239
249349.6	843873.8	39.5	16.424	10.151	31.7	19.308	23.3	15.365	0.521	0.937	60.9	1.072	21.9	1.065	0.632	30.7	1.239
249348.9	843873.1	39.5	16.381	10.126	31.7	19.258	23.4	15.325	0.520	0.935	60.9	1.070	21.8	1.067	0.629	30.5	1.238
249348.2	843872.4	39.5	16.337	10.100	31.7	19.207	23.4	15.285	0.518	0.933	61.0	1.068	21.8	1.068	0.626	30.4	1.238
249347.5	843871.6	39.5	16.293	10.073	31.7	19.155	23.4	15.243	0.517	0.931	61.0	1.065	21.7	1.068	0.624	30.3	1.237
249346.8	843870.9	39.5	16.247	10.046	31.7	19.102	23.4	15.201	0.516	0.929	61.0	1.063	21.7	1.068	0.622	30.2	1.236
249346.1	843870.2	39.5	16.201	10.018	31.7	19.048	23.4	15.158	0.515	0.927	61.0	1.060	21.6	1.067	0.621	30.2	1.235
249345.4	843869.5	39.5	16.156	9.992	31.7	18.996	23.5	15.117	0.514	0.925	61.0	1.058	21.6	1.067	0.621	30.2	1.235
249344.7	843868.8	39.5	16.112	9.966	31.7	18.945	23.5	15.076	0.513	0.923	60.9	1.056	21.6	1.066	0.623	30.3	1.234
249344.0	843868.1	39.5	16.067	9.939	31.7	18.893	23.5	15.034	0.512	0.920	60.9	1.053	21.6	1.065	0.624	30.4	1.234
249343.4	843867.3	39.5	16.023	9.913	31.7	18.841	23.5	14.993	0.511	0.918	60.9	1.051	21.6	1.063	0.626	30.5	1.234
249342.7	843866.6	39.6	15.990	9.894	31.7	18.804	23.5	14.963	0.511	0.916	60.9	1.049	21.8	1.065	0.636	30.9	1.240
249342.0	843865.9	39.6	15.957	9.874	31.7	18.765	23.6	14.933	0.511	0.914	60.8	1.047	22.0	1.066	0.645	31.2	1.246
249341.3	843865.2	39.6	15.923	9.853	31.7	18.725	23.6	14.901	0.510	0.912	60.8	1.045	22.2	1.066	0.655	31.5	1.251
249340.6	843864.5	39.6	15.887	9.832	31.8	18.684	23.6	14.868	0.510	0.910	60.7	1.043	22.3	1.066	0.663	31.9	1.256
249339.9	843863.8	39.6	15.851	9.811	31.8	18.642	23.6	14.835	0.510	0.907	60.7	1.041	22.5	1.066	0.672	32.2	1.260
249339.2	843863.0	39.6	15.814	9.789	31.8	18.598	23.6	14.800	0.510	0.905	60.6	1.039	22.6	1.065	0.680	32.6	1.263
249338.5	843862.3	39.6	15.703	9.722	31.8	18.469	23.7	14.697	0.506	0.902	60.7	1.034	21.7	1.041	0.646	31.8	1.226
249337.8	843861.6	39.5	15.584	9.652	31.8	18.331	23.7	14.587	0.502	0.899	60.8	1.030	20.7	1.015	0.608	30.9	1.183
249337.1	843860.9	39.5	15.465	9.581	31.8	18.193	23.8	14.477	0.498	0.896	60.9	1.025	19.7	0.989	0.569	29.9	1.141
249336.4	843860.2	39.5	15.405	9.545	31.8	18.123	23.8	14.421	0.497	0.894	60.9	1.023	19.6	0.981	0.564	29.9	1.132
249335.7	843859.4	39.5	15.385	9.533	31.8	18.100	23.8	14.403	0.498	0.892	60.8	1.021	20.0	0.985	0.583	30.6	1.145
249335.0	843858.7	39.5	15.365	9.521	31.8	18.076	23.8	14.384	0.498	0.890	60.8	1.020	20.4	0.990	0.601	31.3	1.158
249334.3	843858.0	39.6	15.343	9.508	31.8	18.050	23.8	14.364	0.499	0.888	60.7	1.019	20.8	0.994	0.619	31.9	1.171
249333.6	843857.3	39.6	15.290	9.476	31.8	17.989	23.9	14.315	0.498	0.885	60.6	1.015	20.9	0.984	0.610	31.8	1.158
249332.9	843856.6	39.6	15.240	9.446	31.8	17.930	23.9	14.268	0.497	0.883	60.6	1.013	20.9	0.980	0.611	31.9	1.155
249332.2	843855.9	39.6	15.189	9.415	31.8	17.870	23.9	14.221	0.496	0.881	60.6	1.011	20.8	0.977	0.610	32.0	1.152
249331.5	843855.1	39.6	15.137	9.384	31.8	17.810	23.9	14.172	0.495	0.879	60.6	1.008	20.8	0.973	0.610	32.1	1.148
249330.8	843854.4	39.6	15.084	9.353	31.8	17.748	24.0	14.124	0.494	0.877	60.6	1.006	20.8	0.970	0.608	32.1	1.145
249330.1	843853.7	39.6	15.030	9.321	31.8	17.686	24.0	14.074	0.492	0.875	60.6	1.004	20.7	0.967	0.606	32.1	1.142
249329.4	843853.0	39.6	14.976	9.289	31.8	17.623	24.0	14.024	0.491	0.873	60.6	1.001	20.7	0.965	0.604	32.0	1.138
249328.7	843852.3	39.6	14.922	9.256	31.8	17.560	24.0	13.974	0.490	0.871	60.6	0.999	20.6	0.963	0.601	32.0	1.135
249328.0	843851.5	39.6	14.852	9.214	31.8	17.478	24.1	13.909	0.488	0.869	60.7	0.996	20.3	0.956	0.589	31.6	1.123
249327.3	843850.8	39.6	14.778	9.170	31.8	17.392	24.1	13.840	0.485	0.867	60.7	0.993	20.0	0.949	0.574	31.2	1.109

249326.6	843850.1	39.6	14.704	9.126	31.8	17.305	24.1	13.771	0.483	0.864	60.8	0.990	19.7	0.943	0.559	30.7	1.096
249326.0	843849.4	39.6	14.629	9.081	31.8	17.218	24.2	13.702	0.481	0.862	60.9	0.987	19.3	0.936	0.544	30.1	1.083
249325.3	843848.7	39.6	14.559	9.039	31.8	17.137	24.2	13.637	0.478	0.860	60.9	0.984	19.1	0.932	0.532	29.7	1.073
249324.6	843848.0	39.6	14.521	9.016	31.8	17.092	24.2	13.602	0.478	0.859	60.9	0.982	19.3	0.939	0.538	29.8	1.082
249323.9	843847.2	39.7	14.487	8.996	31.8	17.053	24.2	13.570	0.477	0.857	60.9	0.981	19.6	0.947	0.548	30.0	1.094
249323.2	843846.5	39.7	14.452	8.975	31.8	17.012	24.2	13.538	0.476	0.855	60.9	0.979	19.8	0.956	0.557	30.2	1.106
249322.5	843845.8	39.7	14.416	8.953	31.8	16.970	24.3	13.505	0.475	0.853	60.9	0.977	20.1	0.965	0.566	30.4	1.118
249321.8	843845.1	39.7	14.380	8.932	31.8	16.928	24.3	13.471	0.475	0.851	60.9	0.975	20.4	0.973	0.575	30.6	1.131
249321.1	843844.4	39.8	14.343	8.909	31.8	16.884	24.3	13.436	0.474	0.849	60.8	0.972	20.7	0.983	0.584	30.7	1.143
249320.4	843843.6	39.8	14.305	8.886	31.8	16.840	24.3	13.401	0.473	0.847	60.8	0.970	20.9	0.992	0.593	30.9	1.155
249319.7	843842.9	39.8	14.266	8.863	31.9	16.795	24.3	13.365	0.472	0.845	60.8	0.968	21.2	1.001	0.601	31.0	1.168
249319.0	843842.2	39.8	14.226	8.839	31.9	16.749	24.4	13.328	0.471	0.843	60.8	0.966	21.5	1.010	0.610	31.1	1.180
249318.3	843841.5	39.9	14.185	8.814	31.9	16.700	24.4	13.290	0.470	0.841	60.8	0.963	21.7	1.019	0.618	31.2	1.192
249317.6	843840.8	39.9	14.137	8.786	31.9	16.645	24.4	13.246	0.469	0.838	60.8	0.961	21.8	1.026	0.622	31.2	1.200
249316.9	843840.1	39.9	14.071	8.746	31.9	16.567	24.4	13.184	0.467	0.836	60.8	0.957	21.7	1.028	0.615	30.9	1.198
249316.2	843839.3	39.9	13.986	8.695	31.9	16.469	24.5	13.106	0.464	0.833	60.9	0.953	21.3	1.024	0.598	30.3	1.186
249315.5	843838.6	39.9	13.903	8.645	31.9	16.371	24.5	13.028	0.461	0.830	60.9	0.949	21.0	1.020	0.581	29.6	1.174
249314.8	843837.9	39.9	13.832	8.603	31.9	16.289	24.5	12.962	0.459	0.827	61.0	0.946	20.8	1.021	0.572	29.3	1.170
249314.1	843837.2	39.9	13.762	8.560	31.9	16.207	24.6	12.897	0.457	0.824	61.0	0.942	20.6	1.022	0.563	28.9	1.167
249313.4	843836.5	39.9	13.691	8.517	31.9	16.124	24.6	12.831	0.455	0.821	61.0	0.939	20.4	1.022	0.554	28.5	1.163
249312.7	843835.7	39.9	13.619	8.474	31.9	16.040	24.6	12.765	0.452	0.818	61.1	0.935	20.2	1.023	0.545	28.0	1.159
249312.0	843835.0	39.9	13.553	8.435	31.9	15.964	24.7	12.703	0.450	0.815	61.1	0.932	20.1	1.026	0.539	27.7	1.159
249311.3	843834.3	39.9	13.501	8.403	31.9	15.903	24.7	12.655	0.449	0.813	61.1	0.929	20.2	1.033	0.542	27.7	1.167
249310.6	843833.6	40.0	13.448	8.372	31.9	15.841	24.7	12.606	0.448	0.810	61.1	0.925	20.2	1.041	0.544	27.6	1.174
249309.9	843832.9	40.0	13.395	8.339	31.9	15.779	24.7	12.557	0.446	0.807	61.1	0.922	20.3	1.048	0.546	27.5	1.182
249309.2	843832.2	40.0	13.341	8.307	31.9	15.716	24.8	12.506	0.444	0.805	61.1	0.919	20.3	1.055	0.546	27.4	1.188
249308.6	843831.4	40.0	13.287	8.274	31.9	15.653	24.8	12.456	0.443	0.802	61.1	0.916	20.3	1.063	0.546	27.2	1.195
249307.9	843830.7	40.0	13.232	8.241	31.9	15.588	24.8	12.405	0.441	0.799	61.1	0.913	20.3	1.070	0.545	27.0	1.201
249307.2	843830.0	40.1	13.176	8.207	31.9	15.524	24.8	12.353	0.439	0.797	61.1	0.910	20.2	1.078	0.543	26.7	1.207
249306.5	843829.3	40.1	13.104	8.164	31.9	15.439	24.9	12.286	0.436	0.794	61.2	0.906	19.9	1.080	0.529	26.1	1.202
249305.8	843828.6	40.1	13.057	8.135	31.9	15.383	24.9	12.242	0.434	0.792	61.2	0.903	19.9	1.090	0.531	26.0	1.212
249305.1	843827.8	40.1	12.990	8.095	31.9	15.305	24.9	12.179	0.432	0.789	61.3	0.899	19.6	1.094	0.518	25.4	1.211
249304.4	843827.1	40.1	12.922	8.054	31.9	15.226	24.9	12.117	0.429	0.787	61.4	0.896	19.3	1.098	0.505	24.7	1.209
249303.7	843826.4	40.1	12.854	8.013	31.9	15.147	25.0	12.054	0.425	0.784	61.5	0.892	18.9	1.102	0.489	23.9	1.206
249303.0	843825.7	40.2	12.786	7.972	31.9	15.068	25.0	11.991	0.422	0.782	61.6	0.889	18.5	1.106	0.472	23.1	1.203
249302.3	843825.0	40.2	12.718	7.930	31.9	14.988	25.0	11.927	0.419	0.780	61.8	0.885	18.0	1.110	0.453	22.2	1.199
249301.6	843824.3	40.1	12.607	7.863	32.0	14.859	25.1	11.824	0.413	0.777	62.0	0.880	16.8	1.100	0.404	20.2	1.172
249300.9	843823.5	40.1	12.475	7.784	32.0	14.704	25.2	11.701	0.407	0.775	62.3	0.875	15.1	1.082	0.339	17.4	1.134
249300.2	843822.8	40.1	12.350	7.708	32.0	14.558	25.2	11.585	0.401	0.773	62.6	0.871	13.5	1.066	0.276	14.5	1.101
249299.5	843822.1	40.3	12.507	7.802	32.0	14.741	25.1	11.730	0.405	0.774	62.4	0.873	16.5	1.142	0.396	19.1	1.209
249298.8	843821.4	40.7	12.879	8.027	31.9	15.176	25.0	12.077	0.421	0.778	61.6	0.884	22.7	1.284	0.649	26.8	1.439
249298.1	843820.7	40.6	12.744	7.946	31.9	15.018	25.0	11.951	0.412	0.776	62.0	0.879	20.8	1.263	0.574	24.4	1.387
249297.4	843819.9	40.4	12.382	7.727	32.0	14.595	25.2	11.614	0.394	0.772	63.0	0.867	15.1	1.167	0.347	16.6	1.218
249296.7	843819.2	40.2	12.133	7.576	32.0	14.305	25.3	11.383	0.383	0.771	63.6	0.861	11.1	1.105	0.186	9.6	1.121
249296.0	843818.5	40.2	11.972	7.478	32.0	14.116	25.4	11.233	0.376	0.771	64.0	0.858	8.3	1.068	0.078	4.2	1.071
249295.3	843817.8	40.0	11.659	7.288	32.0	13.750	25.5	10.942	0.368	0.770	64.5	0.854	2.7	0.978	-0.143	-8.3	0.988
249294.6	843817.1	40.0	11.581	7.241	32.0	13.658	25.6	10.869	0.365	0.772	64.7	0.854	1.0	0.962	-0.205	-12.0	0.984
249293.9	843816.4	40.3	11.821	7.386	32.0	13.939	25.4	11.092	0.366	0.775	64.7	0.857	4.7	1.046	-0.046	-2.5	1.047
249293.2	843815.6	40.3	11.761	7.350	32.0	13.869	25.5	11.037	0.363	0.778	65.0	0.858	3.0	1.027	-0.103	-5.7	1.032
249292.5	843814.9	40.3	11.703	7.315	32.0	13.802	25.5	10.983	0.361	0.781	65.2	0.860	1.4	1.002	-0.162	-9.2	1.016
249291.8	843814.2	40.4	11.663	7.291	32.0	13.755	25.5	10.946	0.360	0.785	65.3	0.863	1.3	0.978	-0.214	-12.4	1.001
249291.2	843813.5	40.5	11.727	7.330	32.0	13.830	25.5	11.005	0.361	0.789	65.4	0.868	1.9	0.979	-0.197	-11.4	0.999
249290.5	843812.8	40.7	11.835	7.395	32.0	13.956	25.4	11.105	0.363	0.794	65.4	0.873	2.4	0.986	-0.154	-8.9	0.998
249289.8	843812.0	40.9	11.943	7.460	32.0	14.081	25.4	11.205	0.366	0.799	65.4	0.879	3.1	0.984	-0.116	-6.7	0.991
249289.1	843811.3	40.9	11.903	7.436	32.0	14.035	25.4	11.169	0.369	0.804	65.4	0.885	4.3	0.929	-0.185	-11.3	0.947
249288.4	843810.6	40.9	11.832	7.392	32.0	13.951	25.4	11.102	0.374	0.810	65.2	0.893	6.9	0.854	-0.281	-18.2	0.899
249287.7	843809.9	41.0	11.862	7.411	32.0	13.987	25.4	11.131	0.381	0.817	65.0	0.901	8.6	0.801	-0.309	-21.1	0.858
249287.0	843809.2	41.4	12.163	7.593	32.0	14.339	25.3	11.410	0.387	0.823	64.8	0.909	7.3	0.822	-0.154	-10.6	0.836
249286.3	843808.5	41.7	12.416	7.746	32.0	14.634	25.2	11.645	0.395	0.829	64.5	0.919	7.1	0.818	-0.040	-2.8	0.819
249285.6	843807.7	41.9	12.557	7.831	31.9	14.798	25.1	11.776	0.405	0.836	64.1	0.929	7.9	0.770	-0.007	-0.6	0.770
249284.9	843807.0	42.1	12.703	7.920	31.9	14.970	25.0	11.913	0.416	0.843	63.7	0.940	8.7	0.715	0.024	1.9	0.716
249284.2	843806.3	42.4	12.970	8.080	31.9	15.281	24.9	12.160	0.428	0.849	63.3	0.951	8.8	0.688	0.128	10.5	0.700
249283.5	843805.6	42.8	13.276	8.265	31.9	15.638	24.8	12.445	0.441	0.856	62.8	0.963	8.9	0.666	0.249	20.5	0.711
249282.8	843804.9	43.1	13.644	8.486	31.9	16.068	24.6	12.786	0.455	0.863	62.2	0.975	9.2	0.654	0.398	31.3	0.766
249282.1	843804.1	43.5	14.051	8.730	31.9	16.542	24.4	13.164	0.470	0.870	61.6	0.989	10.1	0.649	0.560	40.8	0.857
249281.4	843803.4	43.9	14.488	8.992	31.8	17.052	24.2	13.570	0.487	0.879	61.0	1.005	11.3	0.646	0.725	48.3	0.971
249280.7	843802.7	44.2	14.735	9.140	31.8	17.339	24.1	13.798	0.501	0.886	60.5	1.018	11.0	0.582	0.771	53.0	0.966
249280.0	843802.0	44.4	14.917	9.248	31.8	17.551	24.0	13.967	0.513	0.893	60.1	1.030	9.9	0.494	0.772	57.4	0.917
249279.3	843801.3	44.6	15.047	9.326	31.8	17.703	23.9	14.088	0.526	0.901	59.7	1.043	8.7	0.387	0.736	62.3	0.832
249278.6	843800.6	44.9	15.365	9.516	31.8	18.072	23.8	14.382	0.540	0.909	59.3	1.058	8.1	0.334	0.793	67.1	0.861
249277.9	843799.8	45.2	15.754	9.747	31.7	18.526	23.6	14.742	0.554	0.919	58.9	1.074	7.7	0.303	0.876	70.9	0.927
249277.2	843799.1	45.6	16.207	10.017	31.7	19.053	23.4	15.162	0.569	0.931	58.6	1.091	7.6	0.291	0.979	73.4	1.021
249276.5	843798.4	46.1	16.822	10.382	31.7	19.768	23.1	15.731	0.585	0.944	58.2	1.111	9.2	0.328	1.147	74.0	1.193
249275.8	843797.7	46.5	17.354	10.697	31.6	20.386	22.9	16.223	0.600	0.959	57.9	1.131	10.2	0.340	1.255	74.9	1.301
249275.1	843797.0	46.8	17.806	10.963	31.6	20.911	22.7	16.640	0.614	0.973	57.8	1.150	10.3	0.328	1.311	76.0	1.351
249274.5	843796.3	47.3	18.491	11.367	31.6	21.705	22.4	17.272	0.631	0.991	57.5	1.174	13.0	0.384	1.459	75.2	1.509
249273.8	843795.5	47.6	19.017	11.676	31.5	22.315	22.1	17.758	0.645	1.007	57.4	1.196	13.7	0.395	1.520	75.4	1.570
249273.1	843794.8	48.0	19.517	11.969	31.5	22.895	21.9	18.219	0.657	1.024	57.3	1.217	14.0	0.400	1.555	75.6	1.606
249272.4	843794.1	48.4	20.263	12.406	31.5	23.759	21.6	18.907	0.675	1.045	57.1	1.245	17.0	0.475	1.684	74.3	1.750
249271.7	843793.4	48.8	20.782	12.709	31.4	24.360	21.3	19.385	0.687	1.064	57.2	1.266	17.2	0.487	1.702	74.0	1.771
249271.0	843792.7	49.0	21.132	12.913	31.4	24.765	21.2	19.708	0.692	1.081	57.4	1.283	15.5	0.456	1.639	74.5	1.702
249270.3	843791.9	49.5	21.983	13.408	31.4	25.749	20.8	20.491	0.713	1.104	57.2	1.314	19.2	0.559	1.774	72.5	1.860
249269.6	843791.2	49.8	22.630	13.783	31.3	26.497	20.5	21.086	0.727	1.125	57.1	1.340	20.5	0.608	1.813	71.5	1.913
249268.9	843790.5	50.2	23.299	14.171	31.3	27.270	20.2	21.701	0.741	1.147	57.1	1.366	21.8	0.663	1.852	70.3	1.967
249268.2	843789.8	50.5	23.943	14.543	31.3	28.014	19.9	22.293	0.754	1.168	57.1	1.390	22.9	0.712	1.871	69.2	2.002
249267.5	843789.1	50.7	24.147	14.660	31.3	28.249	19.8	22.479	0.749	1.183	57.7	1.401	19.3	0.655	1.714	69.1	1.835
249266.8	843788.4	51.0	24.754	15.010	31.2	28.949	19.5	23.037	0.760	1.204	57.8	1.423	19.8	0.699	1.708	67.8	1.845

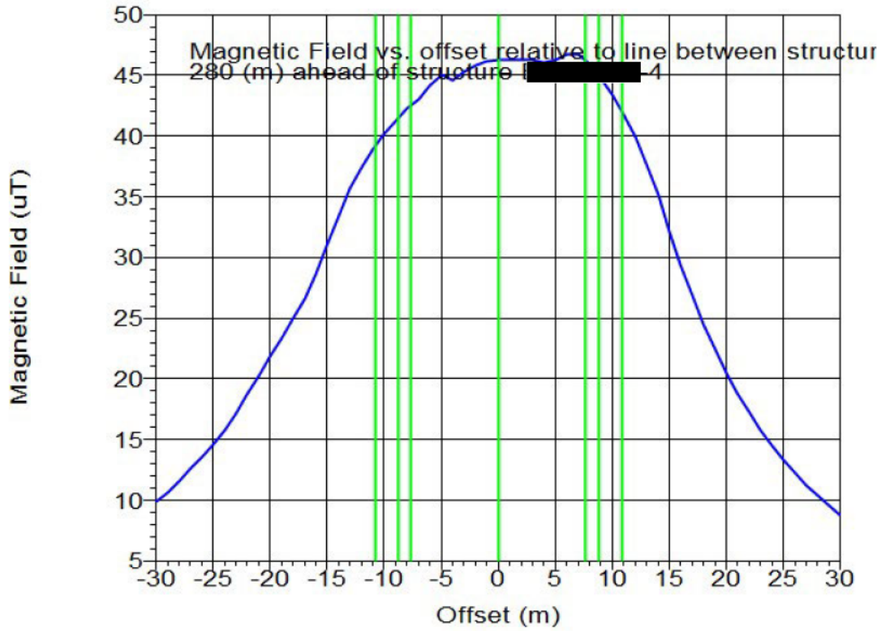
249266.1	843787.6	51.5	25.647	15.523	31.2	29.979	19.2	23.856	0.781	1.228	57.5	1.455	23.2	0.810	1.805	65.8	1.978
249265.4	843786.9	51.9	26.625	16.084	31.1	31.106	18.7	24.754	0.809	1.253	57.2	1.491	27.3	0.937	1.926	64.0	2.142
249264.7	843786.2	52.2	27.187	16.406	31.1	31.754	18.5	25.269	0.817	1.271	57.3	1.511	27.2	0.971	1.889	62.8	2.124
249264.0	843785.5	52.5	27.738	16.720	31.1	32.388	18.2	25.773	0.824	1.289	57.4	1.530	27.1	1.003	1.847	61.5	2.102
249263.3	843784.8	52.8	28.495	17.152	31.0	33.259	17.9	26.467	0.842	1.309	57.3	1.556	29.0	1.081	1.878	60.1	2.167
249262.6	843784.0	53.2	29.465	17.704	31.0	34.375	17.5	27.355	0.872	1.332	56.8	1.592	32.9	1.203	1.982	58.7	2.319
249261.9	843783.3	53.5	30.202	18.122	31.0	35.222	17.2	28.029	0.891	1.350	56.6	1.617	34.7	1.277	2.005	57.5	2.377
249261.2	843782.6	53.8	30.673	18.389	30.9	35.763	17.0	28.459	0.894	1.363	56.7	1.630	34.1	1.298	1.940	56.2	2.334
249260.5	843781.9	54.1	31.673	18.955	30.9	36.912	16.6	29.374	0.930	1.383	56.1	1.667	38.4	1.426	2.056	55.3	2.502
249259.8	843781.2	54.4	32.272	19.294	30.9	37.600	16.3	29.921	0.942	1.396	56.0	1.685	39.2	1.476	2.040	54.1	2.518
249259.1	843780.5	54.7	32.861	19.626	30.8	38.276	16.0	30.459	0.954	1.409	55.9	1.701	40.1	1.526	2.026	53.0	2.536
249258.4	843779.7	54.9	33.363	19.909	30.8	38.852	15.8	30.917	0.960	1.419	55.9	1.713	40.2	1.563	1.989	51.8	2.529
249257.7	843779.0	55.0	33.308	19.878	30.8	38.789	15.9	30.867	0.930	1.420	56.8	1.698	35.6	1.499	1.777	49.8	2.325
249257.1	843778.3	55.1	33.166	19.798	30.8	38.626	15.9	30.738	0.897	1.421	57.7	1.680	30.2	1.423	1.541	47.3	2.097
249256.4	843777.6	55.2	33.050	19.732	30.8	38.492	16.0	30.631	0.869	1.423	58.6	1.667	25.2	1.354	1.319	44.2	1.890
249255.7	843776.9	55.3	33.017	19.714	30.8	38.455	16.0	30.601	0.849	1.426	59.2	1.660	21.0	1.305	1.129	40.9	1.726
249255.0	843776.1	55.5	33.393	19.926	30.8	38.886	15.8	30.945	0.850	1.432	59.3	1.665	20.8	1.338	1.085	39.0	1.723
249254.3	843775.4	55.8	34.280	20.425	30.8	39.903	15.5	31.754	0.875	1.443	58.8	1.688	25.4	1.470	1.215	39.6	1.907
249253.6	843774.7	56.3	35.761	21.257	30.7	41.602	14.8	33.106	0.943	1.461	57.1	1.739	35.4	1.706	1.536	42.0	2.295
249252.9	843774.0	56.6	36.552	21.701	30.7	42.508	14.5	33.827	0.975	1.472	56.5	1.765	39.3	1.816	1.634	42.0	2.443
249252.2	843773.3	56.8	36.907	21.899	30.7	42.915	14.4	34.151	0.977	1.476	56.5	1.770	39.4	1.852	1.602	40.9	2.449
249251.5	843772.6	57.0	37.317	22.129	30.7	43.385	14.2	34.525	0.984	1.482	56.4	1.778	40.2	1.899	1.593	40.0	2.479
249250.8	843771.8	57.2	37.637	22.308	30.7	43.751	14.1	34.816	0.985	1.485	56.4	1.782	40.3	1.932	1.562	39.0	2.484
249250.1	843771.1	57.5	38.472	22.775	30.6	44.707	13.7	35.577	1.028	1.496	55.5	1.815	45.1	2.049	1.692	39.6	2.658
249249.4	843770.4	57.5	38.261	22.657	30.6	44.466	13.8	35.385	0.992	1.492	56.4	1.792	40.8	1.997	1.515	37.2	2.507
249248.7	843769.7	57.6	38.162	22.601	30.6	44.352	13.8	35.294	0.966	1.490	57.0	1.776	37.7	1.964	1.377	35.0	2.398
249248.0	843769.0	57.8	38.537	22.811	30.6	44.783	13.7	35.637	0.978	1.494	56.8	1.785	39.0	2.008	1.389	34.7	2.441
249247.3	843768.2	58.0	38.640	22.869	30.6	44.900	13.6	35.731	0.970	1.494	57.0	1.782	38.0	2.007	1.325	33.4	2.405
249246.6	843767.5	58.1	38.846	22.984	30.6	45.136	13.6	35.918	0.972	1.496	57.0	1.784	38.1	2.022	1.299	32.7	2.404
249245.9	843766.8	58.3	39.006	23.073	30.6	45.319	13.5	36.064	0.972	1.497	57.0	1.785	38.0	2.030	1.267	32.0	2.393
249245.2	843766.1	58.5	39.164	23.161	30.6	45.500	13.4	36.208	0.973	1.498	57.0	1.786	38.0	2.037	1.240	31.3	2.385
249244.5	843765.4	58.6	39.453	23.323	30.6	45.831	13.3	36.471	0.986	1.500	56.7	1.795	39.4	2.065	1.260	31.4	2.419
249243.8	843764.7	58.8	39.782	23.506	30.6	46.207	13.2	36.771	1.004	1.504	56.3	1.808	41.4	2.099	1.298	31.7	2.467
249243.1	843763.9	59.0	39.809	23.521	30.6	46.239	13.2	36.796	1.000	1.503	56.4	1.805	40.8	2.085	1.253	31.0	2.433
249242.4	843763.2	59.1	39.584	23.396	30.6	45.981	13.3	36.591	0.978	1.500	56.9	1.791	38.2	2.033	1.139	29.3	2.330
249241.7	843762.5	59.1	39.376	23.279	30.6	45.742	13.4	36.401	0.960	1.498	57.3	1.779	35.9	1.983	1.037	27.6	2.238
249241.0	843761.8	59.3	39.343	23.261	30.6	45.705	13.4	36.371	0.956	1.497	57.4	1.777	35.4	1.962	0.995	26.9	2.200
249240.3	843761.1	59.4	39.365	23.273	30.6	45.730	13.4	36.391	0.958	1.497	57.4	1.778	35.6	1.950	0.978	26.6	2.182
249239.7	843760.3	59.5	39.187	23.174	30.6	45.526	13.4	36.229	0.947	1.496	57.7	1.770	34.1	1.907	0.907	25.4	2.112
249239.0	843759.6	59.5	38.881	23.004	30.6	45.177	13.6	35.950	0.928	1.493	58.1	1.758	31.7	1.844	0.805	23.6	2.012
249238.3	843758.9	59.7	38.815	22.967	30.6	45.101	13.6	35.890	0.928	1.492	58.1	1.757	31.8	1.820	0.786	23.4	1.982
249237.6	843758.2	59.9	39.111	23.132	30.6	45.439	13.5	36.160	0.954	1.493	57.4	1.772	35.3	1.854	0.890	25.6	2.056
249236.9	843757.5	60.1	39.485	23.341	30.6	45.868	13.3	36.500	0.990	1.496	56.5	1.794	39.7	1.900	1.027	28.4	2.160
249236.2	843756.8	60.2	39.495	23.346	30.6	45.879	13.3	36.509	1.000	1.494	56.2	1.798	41.1	1.887	1.064	29.4	2.166
249235.5	843756.0	60.3	39.502	23.350	30.6	45.887	13.3	36.516	1.013	1.492	55.8	1.804	42.6	1.873	1.110	30.7	2.177
249234.8	843755.3	60.4	39.233	23.200	30.6	45.579	13.4	36.271	1.006	1.487	55.9	1.795	41.8	1.813	1.083	30.8	2.112
249234.1	843754.6	60.5	38.902	23.015	30.6	45.200	13.6	35.969	0.996	1.480	56.1	1.784	40.7	1.741	1.047	31.0	2.031
249233.4	843753.9	60.5	38.510	22.796	30.6	44.751	13.7	35.612	0.983	1.473	56.3	1.771	39.3	1.656	1.004	31.2	1.936
249232.7	843753.2	60.6	38.357	22.711	30.6	44.576	13.8	35.473	0.990	1.467	56.0	1.770	40.1	1.607	1.047	33.1	1.918
249232.0	843752.4	60.8	38.363	22.714	30.6	44.583	13.8	35.478	1.010	1.462	55.3	1.777	42.6	1.581	1.153	36.1	1.957
249231.3	843751.7	60.9	38.151	22.596	30.6	44.340	13.9	35.285	1.016	1.454	55.1	1.774	43.3	1.517	1.201	38.4	1.934
249230.6	843751.0	60.9	37.810	22.405	30.6	43.950	14.0	34.974	1.013	1.445	55.0	1.765	42.9	1.428	1.218	40.5	1.877
249229.9	843750.3	61.0	37.440	22.198	30.7	43.526	14.2	34.637	1.009	1.434	54.9	1.754	42.4	1.331	1.236	42.9	1.817
249229.2	843749.6	61.0	36.790	21.834	30.7	42.781	14.5	34.044	0.986	1.421	55.2	1.729	39.4	1.182	1.173	44.8	1.666
249228.5	843748.9	61.0	36.274	21.545	30.7	42.189	14.7	33.573	0.974	1.408	55.3	1.712	37.8	1.053	1.161	47.8	1.568
249227.8	843748.1	61.0	35.805	21.282	30.7	41.652	14.9	33.145	0.967	1.395	55.3	1.698	36.6	0.930	1.172	51.6	1.496
249227.1	843747.4	61.1	35.383	21.045	30.7	41.169	15.1	32.761	0.964	1.383	55.1	1.685	36.0	0.814	1.206	56.0	1.455
249226.4	843746.7	61.1	34.972	20.814	30.8	40.697	15.2	32.386	0.961	1.370	54.9	1.673	35.5	0.699	1.250	60.8	1.432
249225.7	843746.0	61.2	34.861	20.752	30.8	40.570	15.3	32.285	0.978	1.360	54.3	1.675	37.9	0.642	1.400	65.4	1.541
249225.0	843745.3	61.4	34.861	20.751	30.8	40.570	15.3	32.284	1.003	1.351	53.4	1.683	41.4	0.610	1.592	69.0	1.705
249224.3	843744.5	61.4	34.570	20.588	30.8	40.236	15.4	32.018	1.009	1.339	53.0	1.677	42.2	0.523	1.691	72.8	1.770
249223.6	843743.8	61.5	34.038	20.289	30.8	39.626	15.6	31.534	0.998	1.324	53.0	1.658	40.9	0.391	1.713	77.1	1.757
249222.9	843743.1	61.5	33.524	19.999	30.8	39.036	15.9	31.064	0.989	1.308	52.9	1.640	39.7	0.264	1.743	81.4	1.763
249222.3	843742.4	61.5	33.091	19.755	30.8	38.539	16.0	30.668	0.984	1.294	52.7	1.626	39.3	0.156	1.801	85.1	1.807
249221.6	843741.7	61.6	32.853	19.621	30.8	38.266	16.1	30.451	0.992	1.282	52.3	1.621	40.8	0.092	1.924	87.3	1.927
249220.9	843741.0	61.7	32.611	19.484	30.9	37.988	16.3	30.230	1.000	1.271	51.8	1.617	42.3	0.031	2.046	89.1	2.046
249220.2	843740.2	61.8	32.520	19.433	30.9	37.884	16.3	30.147	1.016	1.262	51.1	1.620	45.2	0.006	2.216	89.8	2.216
249219.5	843739.5	61.8	32.014	19.147	30.9	37.303	16.5	29.685	1.005	1.246	51.1	1.601	44.1	-0.104	2.245	-87.4	2.247
249218.8	843738.8	61.7	31.214	18.694	30.9	36.383	16.8	28.953	0.975	1.226	51.5	1.567	40.1	-0.277	2.170	-82.7	2.188
249218.1	843738.1	61.7	30.556	18.323	30.9	35.629	17.1	28.352	0.954	1.210	51.7	1.541	37.2	-0.429	2.093	-78.4	2.137
249217.4	843737.4	61.7	30.130	18.081	31.0	35.139	17.3	27.962	0.947	1.196	51.6	1.526	36.7	-0.515	2.133	-76.4	2.194
249216.7	843736.6	61.7	29.459	17.699	31.0	34.367	17.6	27.348	0.925	1.179	51.9	1.499	33.6	-0.657	2.080	-72.5	2.181
249216.0	843735.9	61.6	28.596	17.208	31.0	33.375	18.0	26.559	0.895	1.160	52.4	1.465	28.4	-0.848	1.948	-66.5	2.125
249215.3	843735.2	61.5	27.918	16.822	31.1	32.594	18.3	25.938	0.875	1.144	52.6	1.441	24.9	-0.995	1.871	-62.0	2.119
249214.6	843734.5	61.5	27.407	16.530	31.1	32.006	18.5	25.469	0.862	1.132	52.7	1.423	22.8	-1.101	1.843	-59.1	2.147
249213.9	843733.8	61.6	27.055	16.328	31.1	31.600	18.6	25.147	0.856	1.123	52.7	1.411	22.3	-1.166	1.863	-57.9	2.198
249213.2	843733.1	61.6	26.746	16.151	31.1	31.245	18.8	24.864	0.850	1.115	52.7	1.402	22.0	-1.222	1.887	-57.1	2.248
249212.5	843732.3	61.6	26.299	15.895	31.1	30.729	19.0	24.454	0.838	1.106	52.8	1.388	19.9	-1.316	1.848	-54.5	2.269
249211.8	843731.6	61.6	25.792	15.604	31.2	30.145	19.2	23.989	0.826	1.098	53.0	1.374	17.0	-1.431	1.773	-51.1	2.278
249211.1	843730.9	61.6	25.296	15.319	31.2	29.573	19.4	23.533	0.815	1.091	53.2	1.361	13.9	-1.548	1.687	-47.5	2.290
249210.4	843730.2	61.6	24.975	15.134	31.2	29.202	19.5	23.238	0.809	1.087	53.4	1.355	12.4	-1.624	1.655	-45.5	2.318
249209.7	843729.5	61.7	24.743	15.000	31.2	28.935	19.6	23.026	0.805	1.086	53.4	1.352	11.6	-1.681	1.644	-44.4	2.352
249209.0	843728.8	61.8	24.528	14.877	31.2	28.687	19.7	22.828	0.802	1.086	53.5	1.350	10.6	-1.741	1.628	-43.1	2.383
249208.3	843728.0	61.9	24.490	14.855	31.2	28.643	19.8	22.794	0.803	1.088	53.6	1.353	11.1	-1.759	1.668	-43.5	2.424
249207.6	843727.3	62.1	24.542	14.885	31.2	28.703	19.7	22.841	0.806	1.093	53.6	1.358	12.2	-1.760	1.733	-44.5	2.470
249206.9	843726.6	62.3	24.592	14.913	31.2	28.761	19.7	22.887	0.810	1.098	53.6	1.365	12.9	-1.772	1.785	-45.2	2.515
249206.2	843725.9	62.5	24.641	14.941	31.2	28.817	19.7	22.932	0.814	1.105	53.6	1.372	13.4	-1.793	1.825	-45.5	2.558

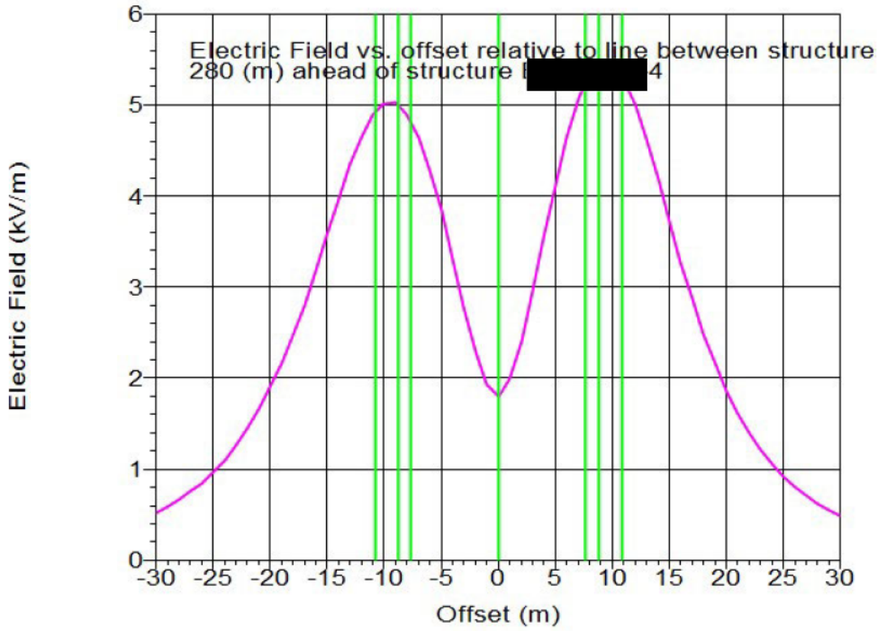
249205.6	843725.2	62.7	24.718	14.986	31.2	28.906	19.7	23.003	0.819	1.112	53.6	1.381	13.9	-1.815	1.868	-45.8	2.605
249204.9	843724.4	62.8	24.725	14.990	31.2	28.914	19.7	23.009	0.823	1.119	53.7	1.389	13.4	-1.867	1.874	-45.1	2.645
249204.2	843723.7	63.1	25.117	15.215	31.2	29.366	19.5	23.369	0.838	1.130	53.4	1.406	16.5	-1.823	2.023	-48.0	2.723
249203.5	843723.0	63.4	25.433	15.397	31.2	29.731	19.4	23.659	0.852	1.140	53.2	1.423	18.8	-1.809	2.136	-49.7	2.799
249202.8	843722.3	63.6	25.571	15.476	31.2	29.890	19.3	23.785	0.861	1.149	53.1	1.436	19.0	-1.852	2.174	-49.6	2.856
249202.1	843721.6	63.8	25.630	15.510	31.2	29.958	19.3	23.840	0.868	1.156	53.1	1.446	18.3	-1.924	2.179	-48.6	2.907
249201.4	843720.9	64.0	25.835	15.628	31.2	30.194	19.2	24.028	0.880	1.165	52.9	1.460	19.0	-1.964	2.238	-48.7	2.977
249200.7	843720.1	64.4	26.280	15.883	31.1	30.707	19.0	24.436	0.901	1.176	52.5	1.481	22.0	-1.946	2.386	-50.8	3.079
249200.0	843719.4	64.7	26.732	16.142	31.1	31.228	18.8	24.850	0.923	1.186	52.1	1.503	25.0	-1.931	2.536	-52.7	3.187
249199.3	843718.7	65.0	27.194	16.407	31.1	31.760	18.6	25.274	0.948	1.197	51.6	1.527	28.1	-1.916	2.689	-54.5	3.302
249198.6	843718.0	65.3	27.640	16.662	31.1	32.274	18.4	25.683	0.972	1.207	51.1	1.549	31.0	-1.907	2.838	-56.1	3.419
249197.9	843717.3	65.5	27.860	16.787	31.1	32.527	18.3	25.884	0.986	1.213	50.9	1.563	31.8	-1.958	2.908	-56.0	3.506
249197.2	843716.5	65.8	28.073	16.909	31.1	32.771	18.2	26.079	1.000	1.218	50.6	1.575	32.6	-2.008	2.980	-56.0	3.594
249196.5	843715.8	66.0	28.282	17.028	31.1	33.013	18.2	26.271	1.013	1.222	50.3	1.587	33.6	-2.056	3.058	-56.1	3.685
249195.8	843715.1	66.2	28.492	17.148	31.0	33.254	18.1	26.463	1.026	1.225	50.0	1.598	34.7	-2.099	3.142	-56.3	3.778
249195.1	843714.4	66.5	28.758	17.300	31.0	33.560	18.0	26.706	1.043	1.228	49.7	1.611	36.4	-2.120	3.253	-56.9	3.883
249194.4	843713.7	66.7	29.004	17.440	31.0	33.844	17.8	26.932	1.058	1.230	49.3	1.623	38.2	-2.138	3.366	-57.6	3.987
249193.7	843713.0	67.0	29.262	17.586	31.0	34.140	17.7	27.168	1.074	1.232	48.9	1.635	40.3	-2.144	3.490	-58.4	4.097
249193.0	843712.2	67.2	29.576	17.765	31.0	34.501	17.6	27.455	1.095	1.233	48.4	1.649	43.2	-2.126	3.643	-59.7	4.218
249192.3	843711.5	67.4	29.654	17.809	31.0	34.591	17.6	27.527	1.102	1.230	48.1	1.651	44.1	-2.160	3.725	-59.9	4.306
249191.6	843710.8	67.6	29.732	17.854	31.0	34.681	17.5	27.598	1.109	1.226	47.9	1.653	45.3	-2.185	3.817	-60.2	4.398
249190.9	843710.1	67.9	30.170	18.103	31.0	35.184	17.4	27.999	1.140	1.227	47.1	1.675	50.0	-2.103	4.038	-62.5	4.552
249190.2	843709.4	68.2	30.397	18.231	31.0	35.445	17.3	28.206	1.159	1.225	46.6	1.686	52.9	-2.068	4.196	-63.8	4.678
249189.5	843708.6	68.3	30.376	18.219	31.0	35.421	17.3	28.187	1.162	1.217	46.3	1.682	53.9	-2.089	4.283	-64.0	4.765
249188.8	843707.9	68.5	30.289	18.170	31.0	35.320	17.3	28.107	1.162	1.206	46.1	1.675	54.4	-2.119	4.358	-64.1	4.846
249188.2	843707.2	68.5	29.648	17.805	31.0	34.583	17.6	27.521	1.127	1.184	46.4	1.634	50.3	-2.292	4.262	-61.7	4.839
249187.5	843706.5	68.6	29.275	17.594	31.0	34.155	17.7	27.180	1.110	1.166	46.4	1.610	48.6	-2.387	4.261	-60.7	4.884
249186.8	843705.8	68.7	29.112	17.501	31.0	33.967	17.8	27.030	1.108	1.152	46.1	1.598	48.9	-2.419	4.334	-60.8	4.964
249186.1	843705.1	68.8	28.873	17.365	31.0	33.692	17.9	26.812	1.101	1.137	45.9	1.583	48.7	-2.467	4.389	-60.7	5.035
249185.4	843704.3	68.9	28.645	17.235	31.0	33.430	18.0	26.603	1.095	1.122	45.7	1.568	48.7	-2.509	4.452	-60.6	5.111
249184.7	843703.6	69.0	28.319	17.049	31.0	33.055	18.2	26.305	1.085	1.104	45.5	1.548	47.8	-2.576	4.488	-60.1	5.175
249184.0	843702.9	69.0	27.744	16.720	31.1	32.393	18.4	25.778	1.060	1.081	45.5	1.514	44.5	-2.714	4.444	-58.6	5.207
249183.3	843702.2	69.0	27.236	16.430	31.1	31.807	18.6	25.312	1.041	1.059	45.5	1.485	41.9	-2.835	4.422	-57.3	5.253
249182.6	843701.5	69.1	26.777	16.167	31.1	31.279	18.8	24.891	1.026	1.039	45.4	1.461	39.7	-2.942	4.417	-56.3	5.307
249181.9	843700.7	69.1	26.287	15.886	31.1	30.715	19.0	24.442	1.011	1.019	45.2	1.435	37.1	-3.061	4.400	-55.2	5.360
249181.2	843700.0	69.0	25.560	15.469	31.2	29.877	19.3	23.775	0.986	0.994	45.2	1.401	32.1	-3.258	4.300	-52.8	5.395
249180.5	843699.3	68.9	24.709	14.979	31.2	28.895	19.7	22.994	0.962	0.968	45.2	1.365	25.6	-3.504	4.149	-49.8	5.431
249179.8	843698.6	68.8	24.047	14.597	31.3	28.130	20.0	22.385	0.948	0.947	45.0	1.340	21.0	-3.696	4.057	-47.7	5.488
249179.1	843697.9	68.9	23.563	14.317	31.3	27.571	20.2	21.941	0.943	0.930	44.6	1.324	18.2	-3.830	4.022	-46.4	5.554
249178.4	843697.2	68.8	23.028	14.007	31.3	26.953	20.4	21.448	0.939	0.913	44.2	1.309	15.0	-3.986	3.960	-44.8	5.619
249177.7	843696.4	68.9	22.679	13.805	31.3	26.550	20.6	21.128	0.938	0.900	43.8	1.300	13.9	-4.074	3.959	-44.2	5.681
249177.0	843695.7	69.0	22.403	13.644	31.3	26.231	20.7	20.874	0.939	0.889	43.4	1.293	13.5	-4.133	3.975	-43.9	5.735
249176.3	843695.0	69.0	22.128	13.484	31.4	25.913	20.8	20.621	0.940	0.880	43.1	1.287	13.4	-4.189	3.982	-43.6	5.779
249175.6	843694.3	69.1	21.740	13.259	31.4	25.464	21.0	20.264	0.940	0.870	42.8	1.281	12.6	-4.284	3.938	-42.6	5.819
249174.9	843693.6	69.1	21.364	13.040	31.4	25.029	21.1	19.917	0.941	0.861	42.5	1.275	12.3	-4.371	3.887	-41.6	5.849
249174.2	843692.8	69.1	21.040	12.851	31.4	24.654	21.3	19.619	0.941	0.854	42.2	1.271	12.8	-4.431	3.844	-40.9	5.866
249173.5	843692.1	69.2	20.637	12.616	31.4	24.188	21.5	19.248	0.943	0.848	42.0	1.268	13.5	-4.517	3.760	-39.8	5.877
249172.8	843691.4	69.2	20.382	12.466	31.5	23.892	21.6	19.013	0.942	0.845	41.9	1.265	14.7	-4.533	3.720	-39.4	5.865
249172.1	843690.7	69.4	20.259	12.395	31.5	23.750	21.6	18.900	0.938	0.844	42.0	1.262	15.8	-4.482	3.721	-39.7	5.825
249171.4	843690.0	69.5	20.211	12.366	31.5	23.695	21.6	18.855	0.932	0.845	42.2	1.258	17.0	-4.386	3.740	-40.5	5.764
249170.8	843689.3	69.7	20.166	12.340	31.5	23.642	21.7	18.813	0.925	0.848	42.5	1.255	18.2	-4.277	3.750	-41.2	5.688
249170.1	843688.5	69.8	19.834	12.145	31.5	23.257	21.8	18.507	0.920	0.847	42.6	1.251	19.1	-4.282	3.638	-40.3	5.619
249169.4	843687.8	69.8	19.532	11.968	31.5	22.907	21.9	18.229	0.914	0.848	42.9	1.247	20.2	-4.264	3.527	-39.6	5.534
249168.7	843687.1	70.0	19.510	11.955	31.5	22.881	22.0	18.208	0.902	0.853	43.4	1.241	21.2	-4.108	3.519	-40.6	5.409
249168.0	843686.4	70.2	19.486	11.941	31.5	22.854	22.0	18.187	0.889	0.858	44.0	1.236	22.3	-3.943	3.502	-41.6	5.274
249167.3	843685.7	70.4	19.443	11.916	31.5	22.804	22.0	18.147	0.876	0.864	44.6	1.230	23.3	-3.775	3.471	-42.6	5.129
249166.6	843684.9	70.6	19.535	11.970	31.5	22.911	21.9	18.232	0.862	0.871	45.3	1.225	24.9	-3.541	3.489	-44.6	4.971
249165.9	843684.2	70.9	19.698	12.065	31.5	23.099	21.9	18.382	0.849	0.880	46.0	1.223	27.1	-3.271	3.530	-47.2	4.812
249165.2	843683.5	71.2	19.861	12.161	31.5	23.288	21.8	18.532	0.839	0.889	46.7	1.223	29.7	-2.998	3.567	-50.0	4.659
249164.5	843682.8	71.3	19.790	12.119	31.5	23.206	21.8	18.467	0.826	0.895	47.3	1.218	30.8	-2.816	3.506	-51.2	4.497
249163.8	843682.1	71.4	19.506	11.953	31.5	22.877	22.0	18.205	0.807	0.898	48.0	1.207	30.3	-2.715	3.356	-51.0	4.316
249163.1	843681.4	71.4	19.115	11.723	31.5	22.424	22.1	17.844	0.787	0.899	48.8	1.194	29.1	-2.651	3.155	-50.0	4.121
249162.4	843680.6	71.5	18.882	11.586	31.5	22.154	22.2	17.629	0.768	0.902	49.6	1.185	28.7	-2.522	3.016	-50.1	3.932
249161.7	843679.9	71.6	18.786	11.529	31.5	22.042	22.3	17.540	0.752	0.907	50.3	1.178	29.1	-2.338	2.935	-51.5	3.753
249161.0	843679.2	71.8	18.647	11.448	31.5	21.881	22.3	17.412	0.736	0.911	51.1	1.171	29.1	-2.172	2.835	-52.5	3.571
249160.3	843678.5	72.0	18.610	11.426	31.5	21.838	22.4	17.378	0.723	0.915	51.7	1.166	29.7	-1.969	2.780	-54.7	3.407
249159.6	843677.8	72.1	18.575	11.405	31.6	21.797	22.4	17.346	0.710	0.920	52.3	1.162	30.3	-1.769	2.729	-57.0	3.253
249158.9	843677.0	72.3	18.541	11.385	31.6	21.757	22.4	17.314	0.700	0.924	52.9	1.159	31.0	-1.575	2.681	-59.6	3.109
249158.2	843676.3	72.5	18.505	11.364	31.6	21.716	22.4	17.281	0.690	0.927	53.3	1.156	31.7	-1.388	2.635	-62.2	2.978
249157.5	843675.6	72.7	18.468	11.342	31.6	21.673	22.4	17.247	0.682	0.930	53.7	1.153	32.4	-1.208	2.593	-65.0	2.861
249156.8	843674.9	73.0	18.724	11.493	31.5	21.970	22.3	17.483	0.690	0.936	53.6	1.162	36.3	-0.937	2.690	-70.8	2.849
249156.1	843674.2	73.3	18.741	11.503	31.5	21.989	22.3	17.498	0.688	0.938	53.7	1.163	37.8	-0.757	2.683	-74.2	2.787
249155.4	843673.5	73.5	18.722	11.492	31.5	21.968	22.3	17.481	0.686	0.939	53.9	1.163	39.0	-0.596	2.664	-77.4	2.730
249154.7	843672.7	73.6	18.575	11.405	31.6	21.797	22.4	17.345	0.677	0.938	54.2	1.157	38.9	-0.483	2.592	-79.4	2.637
249154.1	843672.0	73.7	18.400	11.302	31.6	21.594	22.5	17.184	0.667	0.936	54.5	1.149	38.4	-0.386	2.512	-81.3	2.542
249153.4	843671.3	73.8	18.222	11.197	31.6	21.387	22.5	17.019	0.657	0.933	54.8	1.141	37.9	-0.297	2.435	-83.0	2.453
249152.7	843670.6	73.9	17.924	11.022	31.6	21.042	22.7	16.745	0.641	0.928	55.4	1.128	36.1	-0.252	2.306	-83.8	2.320
249152.0	843669.9	73.9	17.625	10.845	31.6	20.694	22.8	16.468	0.625	0.923	55.9	1.114	34.2	-0.214	2.179	-84.4	2.189
249151.3	843669.1	74.0	17.390	10.706	31.6	20.421	22.9	16.251	0.614	0.917	56.2	1.104	33.0	-0.163	2.088	-85.5	2.094
249150.6	843668.4	74.2	17.261	10.630	31.6	20.271	23.0	16.131	0.609	0.913	56.3	1.098	33.2	-0.084	2.055	-87.7	2.057
249149.9	843667.7	74.3	17.153	10.566	31.6	20.146	23.0	16.032	0.607	0.908	56.3	1.092	33.7	-0.005	2.040	-89.9	2.040
249149.2	843667.0	74.4	16.896	10.414	31.6	19.847	23.1	15.794	0.595	0.902	56.6	1.081	32.4	0.021	1.953	89.4	1.953
249148.5	843666.3	74.4	16.596	10.236	31.7	19.499	23.3	15.516	0.582	0.894	56.9	1.067	30.5	0.028	1.848	89.1	1.848
249147.8	843665.6	74.5	16.302	10.062	31.7	19.157	23.4	15.245	0.570	0.886	57.3	1.053	28.7	0.031	1.749	89.0	1.750
249147.1	843664.8	74.5	16.039	9.905	31.7	18.851	23.5	15.002	0.559	0.878	57.5	1.041	27.4	0.038	1.671	88.7	1.672
249146.4	843664.1	74.6	15.835	9.784	31.7	18.614	23.6	14.812	0.553	0.870	57.6	1.031	26.8	0.059	1.629	87.9	1.631
249145.7	843663.4	74.8	15.790	9.757	31.7	18.561	23.6	14.771	0.556	0.864	57.2	1.027	28.5	0.128	1.680	85.7	1.685

249145.0	843662.7	75.0	15.705	9.707	31.7	18.463	23.7	14.692	0.556	0.856	57.0	1.021	29.7	0.179	1.713	84.0	1.723
249144.3	843662.0	75.1	15.606	9.648	31.7	18.348	23.7	14.601	0.557	0.849	56.7	1.015	30.7	0.222	1.743	82.7	1.758
249143.6	843661.3	75.2	15.410	9.531	31.7	18.119	23.8	14.419	0.551	0.839	56.7	1.004	30.4	0.229	1.724	82.4	1.739
249142.9	843660.5	75.2	15.099	9.346	31.8	17.757	23.9	14.131	0.540	0.829	56.9	0.989	28.5	0.195	1.643	83.2	1.655
249142.2	843659.8	75.3	14.898	9.226	31.8	17.523	24.0	13.944	0.535	0.819	56.9	0.978	28.2	0.193	1.627	83.2	1.638
249141.5	843659.1	75.4	14.688	9.100	31.8	17.279	24.1	13.750	0.529	0.809	56.8	0.967	27.7	0.184	1.608	83.5	1.619
249140.8	843658.4	75.5	14.481	8.977	31.8	17.038	24.2	13.558	0.524	0.799	56.7	0.955	27.3	0.174	1.594	83.8	1.603
249140.1	843657.7	75.5	14.196	8.806	31.8	16.705	24.4	13.294	0.515	0.788	56.8	0.941	25.7	0.132	1.536	85.1	1.541
249139.4	843656.9	75.5	13.977	8.675	31.8	16.451	24.5	13.091	0.509	0.777	56.8	0.929	25.1	0.110	1.517	85.8	1.521
249138.7	843656.2	75.6	13.749	8.539	31.8	16.185	24.6	12.880	0.503	0.766	56.7	0.917	24.3	0.082	1.495	86.9	1.497
249138.0	843655.5	75.6	13.502	8.390	31.9	15.896	24.7	12.650	0.497	0.755	56.7	0.904	23.2	0.043	1.461	88.3	1.461
249137.3	843654.8	75.6	13.250	8.239	31.9	15.603	24.8	12.417	0.490	0.744	56.6	0.891	21.9	-0.001	1.424	-90.0	1.424
249136.7	843654.1	75.7	13.004	8.091	31.9	15.316	24.9	12.188	0.484	0.733	56.6	0.878	20.7	-0.046	1.391	-88.1	1.392
249136.0	843653.4	75.7	12.807	7.973	31.9	15.087	25.0	12.005	0.480	0.723	56.4	0.868	20.3	-0.075	1.387	-86.9	1.389
249135.3	843652.6	75.9	12.689	7.902	31.9	14.948	25.1	11.895	0.480	0.713	56.1	0.859	21.1	-0.077	1.431	-86.9	1.433
249134.6	843651.9	75.9	12.494	7.785	31.9	14.721	25.2	11.715	0.476	0.703	55.9	0.849	20.6	-0.110	1.427	-85.6	1.431
249133.9	843651.2	75.9	12.246	7.636	31.9	14.431	25.3	11.484	0.470	0.692	55.8	0.836	19.1	-0.167	1.387	-83.1	1.397
249133.2	843650.5	75.9	12.004	7.490	32.0	14.149	25.4	11.259	0.465	0.681	55.7	0.825	17.6	-0.224	1.349	-80.6	1.368
249132.5	843649.8	75.9	11.769	7.348	32.0	13.874	25.6	11.041	0.460	0.671	55.6	0.814	16.1	-0.282	1.312	-77.9	1.342
249131.8	843649.0	76.0	11.611	7.253	32.0	13.690	25.6	10.894	0.458	0.662	55.3	0.805	16.0	-0.310	1.323	-76.8	1.359
249131.1	843648.3	76.1	11.463	7.164	32.0	13.517	25.7	10.757	0.455	0.653	55.1	0.796	15.9	-0.335	1.337	-76.0	1.379
249130.4	843647.6	76.2	11.318	7.076	32.0	13.348	25.8	10.622	0.453	0.645	54.9	0.788	15.8	-0.360	1.351	-75.1	1.398
249129.7	843646.9	76.3	11.176	6.991	32.0	13.183	25.9	10.490	0.451	0.637	54.7	0.780	15.7	-0.385	1.363	-74.2	1.417
249129.0	843646.2	76.4	11.053	6.917	32.0	13.039	26.0	10.376	0.450	0.629	54.4	0.773	15.9	-0.403	1.385	-73.8	1.442
249128.3	843645.5	76.4	10.885	6.816	32.1	12.843	26.1	10.220	0.447	0.621	54.3	0.765	15.2	-0.442	1.373	-72.1	1.442
249127.6	843644.7	76.5	10.718	6.715	32.1	12.648	26.2	10.065	0.443	0.614	54.1	0.757	14.3	-0.483	1.358	-70.4	1.441
249126.9	843644.0	76.5	10.556	6.617	32.1	12.458	26.3	9.914	0.441	0.606	54.0	0.750	13.5	-0.523	1.342	-68.7	1.441
249126.2	843643.3	76.6	10.433	6.543	32.1	12.315	26.4	9.800	0.438	0.600	53.8	0.743	13.3	-0.547	1.348	-67.9	1.455
249125.5	843642.6	76.7	10.319	6.475	32.1	12.182	26.5	9.694	0.436	0.594	53.7	0.737	13.2	-0.567	1.357	-67.3	1.471
249124.8	843641.9	76.8	10.209	6.409	32.1	12.054	26.5	9.592	0.435	0.589	53.6	0.732	13.1	-0.586	1.364	-66.7	1.485
249124.1	843641.1	76.9	10.115	6.352	32.1	11.944	26.6	9.505	0.433	0.584	53.4	0.727	13.2	-0.599	1.378	-66.5	1.502
249123.4	843640.4	77.0	10.019	6.295	32.1	11.833	26.7	9.416	0.431	0.579	53.3	0.722	13.2	-0.614	1.386	-66.1	1.516
249122.7	843639.7	77.1	9.943	6.250	32.2	11.744	26.8	9.346	0.430	0.575	53.2	0.718	13.5	-0.621	1.403	-66.1	1.535
249122.0	843639.0	77.2	9.898	6.224	32.2	11.692	26.9	9.304	0.429	0.571	53.1	0.714	14.3	-0.614	1.438	-66.9	1.563
249121.3	843638.3	77.4	9.848	6.195	32.2	11.635	26.9	9.259	0.428	0.568	53.0	0.711	14.8	-0.610	1.465	-67.4	1.587
249120.6	843637.6	77.5	9.783	6.156	32.2	11.559	27.0	9.199	0.427	0.565	52.9	0.708	15.0	-0.616	1.476	-67.3	1.600
249119.9	843636.8	77.6	9.736	6.129	32.2	11.504	27.1	9.155	0.426	0.563	52.9	0.706	15.3	-0.615	1.496	-67.6	1.617
249119.3	843636.1	77.8	9.762	6.147	32.2	11.536	27.1	9.180	0.427	0.562	52.7	0.706	17.1	-0.578	1.562	-69.7	1.666
249118.6	843635.4	78.0	9.792	6.166	32.2	11.572	27.1	9.208	0.429	0.561	52.6	0.706	18.7	-0.542	1.625	-71.5	1.713
249117.9	843634.7	78.1	9.763	6.150	32.2	11.539	27.2	9.182	0.429	0.560	52.5	0.705	19.1	-0.538	1.644	-71.9	1.730
249117.2	843634.0	78.3	9.733	6.132	32.2	11.504	27.2	9.154	0.429	0.559	52.5	0.704	19.2	-0.538	1.656	-72.0	1.741
249116.5	843633.2	78.4	9.719	6.125	32.2	11.488	27.3	9.142	0.429	0.558	52.5	0.704	19.6	-0.532	1.675	-72.4	1.757
249115.8	843632.5	78.6	9.788	6.168	32.2	11.570	27.3	9.207	0.432	0.560	52.3	0.707	21.4	-0.486	1.746	-74.4	1.813
249115.1	843631.8	78.8	9.811	6.183	32.2	11.597	27.3	9.229	0.434	0.560	52.2	0.709	22.2	-0.467	1.781	-75.3	1.841
249114.4	843631.1	79.0	9.885	6.229	32.2	11.684	27.3	9.298	0.438	0.562	52.1	0.713	23.8	-0.425	1.845	-77.0	1.894

Max BF along centerline is 46.239 (uT) at 280.000 (m) from structure [redacted]4

Cross section results at max BF along centerline between structures [redacted]4 and [redacted]5





3D EMF Point Results Span from [redacted]4 to [redacted]5:

Measurement			B					H	EF					Space Potential				
X (m)	Y (m)	Z (m)	Real (uT)	Imaginary (uT)	Angle (deg)	Magnitude (uT)	Polarization Axial Ratio %	Magnitude (A/m)	Real (kV/m)	Imaginary (kV/m)	Angle (deg)	Magnitude (kV/m)	Polarization Axial Ratio %	Real (kV)	Imaginary (kV)	Angle (deg)	Magnitude (kV)	
249264.7	843743.1	61.0	7.994	5.797	35.9	9.875	48.2	7.858	0.191	0.486	68.5	0.522	28.1	0.459	-1.483	-72.8	1.553	
249264.0	843743.8	61.0	8.717	6.212	35.5	10.704	48.3	8.518	0.245	0.535	65.4	0.588	28.1	0.654	-1.660	-68.5	1.784	
249263.2	843744.4	61.0	9.501	6.642	35.0	11.592	48.2	9.225	0.311	0.587	62.1	0.664	27.6	0.882	-1.819	-64.1	2.022	
249262.5	843745.1	61.0	10.354	7.088	34.4	12.548	48.0	9.985	0.390	0.642	58.7	0.752	26.9	1.144	-1.960	-59.7	2.270	
249261.8	843745.8	60.9	11.299	7.562	33.8	13.596	47.6	10.819	0.488	0.700	55.1	0.853	26.0	1.447	-2.099	-55.4	2.549	
249261.1	843746.5	60.8	12.249	7.996	33.1	14.628	47.0	11.641	0.601	0.758	51.6	0.968	24.0	1.735	-2.130	-50.8	2.747	
249260.4	843747.2	60.6	13.343	8.487	32.5	15.814	46.3	12.584	0.739	0.818	47.9	1.103	22.5	2.083	-2.201	-46.6	3.030	
249259.6	843747.9	60.6	14.592	9.029	31.7	17.160	45.5	13.655	0.905	0.879	44.2	1.261	21.3	2.504	-2.298	-42.5	3.399	
249258.9	843748.6	60.5	16.007	9.619	31.0	18.675	44.6	14.861	1.100	0.938	40.5	1.446	20.2	3.007	-2.411	-38.7	3.854	

249258.2	843749.3	60.4	17.508	10.200	30.2	20.263	43.5	16.125	1.328	0.994	36.8	1.659	18.7	3.522	-2.460	-34.9	4.296
249257.5	843750.0	60.2	18.993	10.719	29.4	21.809	42.0	17.355	1.587	1.043	33.3	1.899	16.5	3.943	-2.381	-31.1	4.606
249256.8	843750.7	60.0	20.550	11.231	28.7	23.419	40.5	18.636	1.881	1.084	29.9	2.171	14.3	4.330	-2.255	-27.5	4.882
249256.1	843751.4	59.8	22.089	11.700	27.9	24.996	38.8	19.891	2.210	1.114	26.7	2.474	11.9	4.587	-2.047	-24.1	5.023
249255.3	843752.1	59.6	23.690	12.173	27.2	26.634	37.0	21.195	2.571	1.131	23.7	2.809	9.8	4.784	-1.824	-20.9	5.120
249254.6	843752.8	59.5	25.673	12.782	26.5	28.679	35.2	22.822	2.968	1.137	21.0	3.179	8.5	5.256	-1.729	-18.2	5.533
249253.9	843753.5	59.4	27.874	13.449	25.8	30.949	33.4	24.628	3.387	1.128	18.4	3.570	7.5	5.850	-1.665	-15.9	6.082
249253.2	843754.2	59.4	30.256	14.162	25.1	33.407	31.5	26.584	3.813	1.102	16.1	3.969	6.7	6.543	-1.611	-13.8	6.738
249252.5	843754.9	59.4	32.457	14.816	24.5	35.679	29.5	28.392	4.214	1.056	14.1	4.344	5.8	7.003	-1.478	-11.9	7.158
249251.7	843755.6	59.3	34.153	15.342	24.2	37.441	27.6	29.794	4.551	0.988	12.3	4.657	4.8	6.972	-1.240	-10.1	7.081
249251.0	843756.3	59.1	35.574	15.840	24.0	38.941	25.7	30.988	4.806	0.902	10.6	4.890	3.9	6.723	-0.994	-8.4	6.796
249250.3	843757.0	59.0	36.649	16.308	24.0	40.113	23.9	31.921	4.951	0.798	9.2	5.015	3.1	6.250	-0.750	-6.8	6.295
249249.6	843757.7	58.9	37.642	16.832	24.1	41.234	22.2	32.813	4.977	0.678	7.8	5.023	2.7	5.844	-0.556	-5.4	5.870
249248.9	843758.4	58.8	38.463	17.394	24.3	42.213	20.6	33.592	4.870	0.542	6.3	4.900	2.5	5.452	-0.391	-4.1	5.466
249248.2	843759.1	58.8	39.083	17.989	24.7	43.024	19.1	34.238	4.631	0.391	4.8	4.647	2.6	5.061	-0.243	-2.8	5.067
249247.4	843759.8	58.8	39.922	18.757	25.2	44.109	17.6	35.101	4.283	0.243	3.2	4.290	3.3	4.982	-0.118	-1.4	4.984
249246.7	843760.5	58.9	40.560	19.573	25.8	45.036	16.3	35.838	3.837	0.181	2.7	3.842	4.7	4.822	0.039	0.5	4.823
249246.0	843761.2	58.8	39.913	20.023	26.6	44.653	15.5	35.534	3.291	0.296	5.1	3.304	6.0	3.909	0.195	2.9	3.914
249245.3	843761.8	58.8	40.184	20.900	27.5	45.294	14.5	36.044	2.723	0.541	11.2	2.776	10.5	3.627	0.402	6.3	3.649
249244.6	843762.5	58.9	40.322	21.824	28.4	45.849	13.8	36.486	2.136	0.828	21.2	2.291	19.0	3.238	0.667	11.6	3.306
249243.9	843763.2	59.0	40.204	22.716	29.5	46.178	13.3	36.747	1.550	1.149	36.5	1.930	32.2	2.704	0.966	19.7	2.871
249243.1	843763.9	59.0	39.809	23.521	30.6	46.239	13.2	36.796	1.000	1.503	56.4	1.805	40.8	2.085	1.253	31.0	2.433
249242.4	843764.6	59.0	39.336	24.306	31.7	46.240	13.3	36.797	0.616	1.889	71.9	1.987	32.4	1.479	1.545	46.2	2.138
249241.7	843765.3	59.0	38.910	25.126	32.9	46.317	13.6	36.858	0.719	2.300	72.6	2.410	20.9	0.897	1.883	64.5	2.086
249241.0	843766.0	59.0	38.352	25.846	34.0	46.248	14.2	36.803	1.143	2.723	67.2	2.954	13.1	0.350	2.190	80.9	2.218
249240.3	843766.7	59.0	37.720	26.478	35.1	46.086	15.1	36.674	1.626	3.143	62.6	3.539	8.6	-0.151	2.485	-86.5	2.489
249239.5	843767.4	59.1	37.396	27.322	36.2	46.314	16.0	36.855	2.103	3.542	59.3	4.120	6.4	-0.781	3.059	-75.7	3.157
249238.8	843768.1	59.2	37.192	28.257	37.2	46.709	17.0	37.170	2.535	3.896	56.9	4.648	5.2	-1.565	3.859	-67.9	4.164
249238.1	843768.8	59.3	36.681	28.894	38.2	46.694	18.3	37.158	2.894	4.167	55.2	5.073	4.5	-2.306	4.557	-63.2	5.107
249237.4	843769.5	59.4	35.686	29.003	39.1	45.985	19.9	36.594	3.161	4.324	53.8	5.356	4.1	-2.845	4.952	-60.1	5.712
249236.7	843770.2	59.4	34.400	28.721	39.9	44.814	21.6	35.662	3.334	4.352	52.5	5.482	4.0	-3.258	5.166	-57.8	6.107
249236.0	843770.9	59.5	32.947	28.148	40.5	43.334	23.5	34.484	3.415	4.251	51.2	5.452	4.1	-3.605	5.277	-55.7	6.390
249235.2	843771.6	59.6	31.493	27.458	41.1	41.782	25.4	33.249	3.411	4.038	49.8	5.286	4.6	-4.006	5.419	-53.5	6.739
249234.5	843772.3	59.7	29.874	26.460	41.5	39.908	27.4	31.757	3.330	3.727	48.2	4.998	5.4	-4.296	5.384	-51.4	6.888
249233.8	843773.0	59.8	28.106	25.161	41.8	37.723	29.5	30.019	3.186	3.346	46.4	4.620	6.3	-4.432	5.142	-49.2	6.788
249233.1	843773.7	59.8	26.096	23.440	41.9	35.078	31.6	27.914	2.993	2.921	44.3	4.182	7.0	-4.249	4.570	-47.1	6.240
249232.4	843774.4	59.7	23.927	21.401	41.8	32.102	33.5	25.546	2.772	2.482	41.8	3.721	7.4	-3.748	3.745	-45.0	5.299
249231.6	843775.1	59.6	21.959	19.505	41.6	29.371	35.4	23.372	2.542	2.068	39.1	3.277	7.9	-3.303	3.043	-42.7	4.491
249230.9	843775.8	59.6	20.159	17.736	41.3	26.850	37.1	21.367	2.313	1.689	36.1	2.863	8.3	-2.890	2.437	-40.1	3.781
249230.2	843776.5	59.5	18.502	16.082	41.0	24.514	38.6	19.508	2.090	1.351	32.9	2.488	8.6	-2.488	1.909	-37.5	3.136
249229.5	843777.2	59.4	17.016	14.593	40.6	22.417	40.0	17.839	1.878	1.058	29.4	2.156	9.0	-2.152	1.488	-34.7	2.616
249228.8	843777.9	59.4	15.675	13.247	40.2	20.522	41.3	16.331	1.681	0.809	25.7	1.865	9.4	-1.861	1.146	-31.6	2.186
249228.1	843778.6	59.3	14.477	12.050	39.8	18.836	42.4	14.989	1.498	0.602	21.9	1.614	9.8	-1.635	0.881	-28.3	1.858
249227.3	843779.2	59.3	13.344	10.919	39.3	17.242	43.3	13.721	1.330	0.430	17.9	1.397	9.9	-1.367	0.643	-25.2	1.511
249226.6	843779.9	59.2	12.296	9.883	38.8	15.776	44.0	12.554	1.177	0.291	13.9	1.212	9.8	-1.100	0.452	-22.4	1.189
249225.9	843780.6	59.1	11.352	8.962	38.3	14.463	44.6	11.509	1.039	0.183	10.0	1.055	9.6	-0.877	0.312	-19.6	0.930
249225.2	843781.3	59.0	10.512	8.156	37.8	13.305	45.1	10.588	0.914	0.108	6.7	0.921	9.7	-0.715	0.210	-16.4	0.745
249224.5	843782.0	58.9	9.743	7.429	37.3	12.252	45.5	9.750	0.803	0.078	5.6	0.806	9.7	-0.568	0.135	-13.4	0.584
249223.7	843782.7	58.8	9.032	6.766	36.8	11.285	45.7	8.980	0.703	0.093	7.5	0.709	9.5	-0.426	0.083	-11.0	0.434
249223.0	843783.4	58.7	8.384	6.174	36.4	10.412	45.8	8.286	0.614	0.122	11.2	0.626	9.3	-0.308	0.049	-9.1	0.312
249222.3	843784.1	58.5	7.754	5.608	35.9	9.569	45.8	7.615	0.535	0.146	15.3	0.554	8.5	-0.147	0.047	-17.7	0.155
249221.6	843784.8	58.1	7.144	5.073	35.4	8.762	45.6	6.973	0.464	0.165	19.6	0.493	7.4	0.039	0.081	64.1	0.090

Centerline results between structures [redacted]5 and [redacted]6R

3D EMF Point Results Centerline from [redacted]-5 to [redacted]6R:

Measurement			B					H	EF					Space Potential				
X (m)	Y (m)	Z (m)	Real (uT)	Imaginary (uT)	Angle (deg)	Magnitude (uT)	Polarization Axial Ratio %	Magnitude (A/m)	Real (kV/m)	Imaginary (kV/m)	Angle (deg)	Magnitude (kV/m)	Polarization Axial Ratio %	Real (kV)	Imaginary (kV)	Angle (deg)	Magnitude (kV)	
249114.8	843631.6	78.8	9.821	6.190	32.2	11.609	27.3	9.238	0.435	0.561	52.2	0.710	22.5	-0.460	1.793	-75.6	1.851	
249114.1	843630.8	79.0	9.921	6.252	32.2	11.727	27.3	9.332	0.439	0.563	52.1	0.714	24.6	-0.407	1.874	-77.7	1.918	
249113.4	843630.1	79.3	10.095	6.360	32.2	11.932	27.2	9.495	0.447	0.568	51.8	0.722	27.9	-0.322	1.998	-80.8	2.024	
249112.7	843629.4	79.7	10.317	6.497	32.2	12.192	27.2	9.702	0.457	0.573	51.4	0.733	31.9	-0.220	2.147	-84.1	2.158	
249112.0	843628.7	79.8	10.366	6.527	32.2	12.250	27.1	9.748	0.460	0.576	51.4	0.737	32.5	-0.204	2.177	-84.6	2.187	
249111.3	843628.0	79.7	10.195	6.421	32.2	12.048	27.2	9.588	0.452	0.575	51.8	0.731	28.8	-0.295	2.061	-81.9	2.082	
249110.6	843627.3	79.6	10.115	6.371	32.2	11.954	27.2	9.512	0.449	0.576	52.1	0.730	26.7	-0.346	1.999	-80.2	2.028	
249109.9	843626.6	79.6	10.057	6.335	32.2	11.886	27.2	9.459	0.447	0.577	52.3	0.730	25.0	-0.389	1.947	-78.7	1.986	
249109.2	843625.8	79.7	10.079	6.347	32.2	11.911	27.2	9.478	0.448	0.580	52.4	0.733	24.6	-0.396	1.944	-78.5	1.984	
249108.5	843625.1	79.7	10.098	6.357	32.2	11.932	27.1	9.496	0.449	0.584	52.4	0.736	24.0	-0.407	1.936	-78.1	1.979	
249107.8	843624.4	79.8	10.120	6.369	32.2	11.957	27.1	9.515	0.450	0.587	52.5	0.739	23.4	-0.419	1.927	-77.7	1.972	
249107.1	843623.7	79.8	10.132	6.375	32.2	11.970	27.0	9.526	0.450	0.590	52.6	0.742	22.6	-0.438	1.908	-77.1	1.957	
249106.4	843623.0	79.8	10.129	6.372	32.2	11.966	27.0	9.522	0.450	0.593	52.8	0.745	21.3	-0.466	1.876	-76.1	1.933	
249105.7	843622.3	79.8	10.137	6.375	32.2	11.975	27.0	9.530	0.451	0.596	52.9	0.748	20.3	-0.489	1.849	-75.2	1.913	
249105.0	843621.6	79.8	10.151	6.382	32.2	11.990	26.9	9.542	0.452	0.600	53.0	0.751	19.2	-0.512	1.824	-74.3	1.894	
249104.3	843620.8	79.8	10.169	6.391	32.1	12.010	26.9	9.558	0.453	0.603	53.1	0.754	18.2	-0.533	1.799	-73.5	1.876	
249103.6	843620.1	79.8	10.190	6.403	32.1	12.035	26.8	9.577	0.454	0.607	53.2	0.758	17.3	-0.554	1.774	-72.7	1.859	
249102.9	843619.4	79.9	10.262	6.445	32.1	12.118	26.8	9.643	0.456	0.612	53.3	0.763	17.2	-0.551	1.781	-72.8	1.865	
249102.2	843618.7	79.9	10.351	6.498	32.1	12.222	26.7	9.726	0.459	0.616	53.3	0.768	17.4	-0.540	1.799	-73.3	1.878	
249101.5	843618.0	80.0	10.436	6.548	32.1	12.320	26.6	9.804	0.462	0.621	53.4	0.774	17.4	-0.533	1.811	-73.6	1.887	
249100.8	843617.3	80.0	10.466	6.565	32.1	12.355	26.6	9.832	0.463	0.625	53.5	0.777	16.5	-0.551	1.785	-72.8	1.868	
249100.1	843616.6	80.0	10.497	6.583	32.1	12.390	26.5	9.860	0.464	0.629	53.6	0.781	15.5	-0.569	1.759	-72.1	1.849	
249099.4	843615.8	80.0	10.530	6.602	32.1	12.428	26.5	9.890	0.465	0.633	53.7	0.785	14.6	-0.586	1.732	-71.3	1.829	

249098.7	843615.1	80.0	10.596	6.641	32.1	12.505	26.4	9.951	0.467	0.638	53.8	0.790	14.2	-0.587	1.726	-71.2	1.823
249098.0	843614.4	80.1	10.692	6.698	32.1	12.616	26.4	10.040	0.469	0.643	53.9	0.795	14.4	-0.574	1.738	-71.7	1.830
249097.3	843613.7	80.2	10.791	6.758	32.1	12.732	26.3	10.132	0.471	0.648	54.0	0.801	14.6	-0.559	1.751	-72.3	1.838
249096.6	843613.0	80.2	10.893	6.819	32.0	12.851	26.2	10.226	0.474	0.653	54.0	0.806	14.8	-0.543	1.764	-72.9	1.845
249095.9	843612.3	80.3	10.996	6.881	32.0	12.972	26.2	10.323	0.476	0.658	54.1	0.812	15.0	-0.525	1.777	-73.5	1.853
249095.2	843611.6	80.4	11.102	6.944	32.0	13.095	26.1	10.420	0.478	0.663	54.2	0.818	15.3	-0.506	1.789	-74.2	1.859
249094.5	843610.8	80.4	11.178	6.990	32.0	13.184	26.0	10.491	0.479	0.669	54.4	0.822	15.0	-0.500	1.782	-74.3	1.851
249093.8	843610.1	80.4	11.218	7.013	32.0	13.229	26.0	10.528	0.479	0.673	54.6	0.826	14.2	-0.510	1.750	-73.8	1.823
249093.1	843609.4	80.4	11.266	7.041	32.0	13.285	26.0	10.572	0.479	0.678	54.8	0.830	13.4	-0.515	1.723	-73.4	1.798
249092.4	843608.7	80.5	11.414	7.131	32.0	13.458	25.9	10.710	0.482	0.684	54.9	0.837	14.4	-0.475	1.759	-74.9	1.822
249091.7	843608.0	80.7	11.626	7.259	32.0	13.706	25.8	10.907	0.486	0.691	54.9	0.845	16.3	-0.409	1.833	-77.4	1.878
249091.0	843607.3	80.7	11.771	7.347	32.0	13.876	25.7	11.042	0.488	0.697	55.0	0.851	17.1	-0.371	1.865	-78.8	1.901
249090.3	843606.6	80.8	11.919	7.436	32.0	14.048	25.7	11.179	0.491	0.703	55.1	0.858	17.9	-0.333	1.897	-80.1	1.926
249089.6	843605.8	80.9	12.042	7.510	31.9	14.191	25.6	11.293	0.493	0.709	55.2	0.863	18.3	-0.305	1.912	-80.9	1.937
249088.9	843605.1	81.1	12.268	7.646	31.9	14.456	25.5	11.504	0.498	0.716	55.2	0.872	20.4	-0.236	1.990	-83.2	2.004
249088.2	843604.4	81.0	12.252	7.636	31.9	14.437	25.5	11.489	0.495	0.720	55.5	0.874	18.6	-0.265	1.921	-82.2	1.939
249087.5	843603.7	80.8	12.095	7.540	31.9	14.253	25.6	11.342	0.488	0.723	56.0	0.872	14.6	-0.351	1.764	-78.8	1.798
249086.8	843603.0	80.9	12.174	7.588	31.9	14.345	25.5	11.415	0.488	0.728	56.2	0.877	14.3	-0.341	1.752	-79.0	1.784
249086.1	843602.3	80.9	12.258	7.638	31.9	14.443	25.5	11.493	0.488	0.733	56.3	0.881	14.0	-0.330	1.743	-79.3	1.773
249085.4	843601.6	80.9	12.345	7.690	31.9	14.544	25.4	11.574	0.489	0.739	56.5	0.886	13.8	-0.317	1.736	-79.6	1.764
249084.7	843600.8	81.1	12.577	7.831	31.9	14.816	25.3	11.790	0.493	0.745	56.5	0.894	15.9	-0.249	1.818	-82.2	1.835
249084.0	843600.1	81.1	12.634	7.865	31.9	14.882	25.3	11.843	0.493	0.750	56.7	0.897	15.2	-0.251	1.792	-82.0	1.810
249083.3	843599.4	81.2	12.787	7.957	31.9	15.061	25.3	11.985	0.495	0.756	56.8	0.904	15.9	-0.217	1.826	-83.2	1.838
249082.6	843598.7	81.3	12.942	8.050	31.9	15.241	25.2	12.129	0.498	0.761	56.8	0.910	16.7	-0.184	1.860	-84.3	1.869
249081.9	843598.0	81.3	12.985	8.076	31.9	15.291	25.2	12.168	0.497	0.766	57.0	0.913	15.8	-0.195	1.827	-83.9	1.837
249081.2	843597.3	81.3	13.028	8.102	31.9	15.342	25.1	12.208	0.497	0.770	57.2	0.916	14.9	-0.207	1.794	-83.4	1.806
249080.5	843596.6	81.4	13.132	8.165	31.9	15.464	25.1	12.306	0.498	0.775	57.3	0.921	14.8	-0.197	1.799	-83.7	1.810
249079.8	843595.8	81.4	13.287	8.258	31.9	15.645	25.0	12.449	0.501	0.780	57.3	0.928	15.6	-0.171	1.834	-84.7	1.842
249079.1	843595.1	81.5	13.444	8.353	31.9	15.827	25.0	12.595	0.505	0.786	57.3	0.934	16.3	-0.147	1.869	-85.5	1.875
249078.4	843594.4	81.6	13.520	8.399	31.8	15.917	24.9	12.666	0.506	0.790	57.4	0.938	15.8	-0.153	1.857	-85.3	1.864
249077.7	843593.7	81.6	13.558	8.421	31.8	15.960	24.9	12.701	0.505	0.794	57.5	0.941	14.7	-0.176	1.823	-84.5	1.831
249077.0	843593.0	81.6	13.603	8.448	31.8	16.013	24.9	12.743	0.506	0.798	57.7	0.945	13.8	-0.197	1.792	-83.7	1.803
249076.3	843592.3	81.6	13.646	8.474	31.8	16.063	24.9	12.782	0.506	0.803	57.8	0.949	12.7	-0.221	1.761	-82.8	1.774
249075.6	843591.6	81.6	13.650	8.476	31.8	16.068	24.9	12.786	0.506	0.806	57.9	0.952	11.1	-0.261	1.706	-81.3	1.726
249074.9	843590.8	81.6	13.733	8.527	31.8	16.165	24.9	12.864	0.508	0.811	58.0	0.957	10.7	-0.273	1.698	-80.9	1.720
249074.2	843590.1	81.6	13.796	8.564	31.8	16.239	24.8	12.922	0.509	0.816	58.0	0.961	9.9	-0.295	1.678	-80.0	1.703
249073.5	843589.4	81.7	13.941	8.651	31.8	16.407	24.8	13.056	0.513	0.821	58.0	0.968	10.4	-0.290	1.705	-80.4	1.729
249072.8	843588.7	81.8	14.070	8.729	31.8	16.558	24.7	13.176	0.515	0.826	58.0	0.973	10.6	-0.291	1.722	-80.4	1.746
249072.1	843588.0	81.8	14.211	8.814	31.8	16.723	24.7	13.308	0.519	0.831	58.0	0.980	11.0	-0.290	1.745	-80.6	1.769
249071.4	843587.3	82.0	14.417	8.938	31.8	16.963	24.6	13.499	0.524	0.837	58.0	0.987	12.3	-0.269	1.805	-81.5	1.825
249070.7	843586.6	82.1	14.603	9.050	31.8	17.180	24.5	13.672	0.528	0.843	57.9	0.995	13.3	-0.257	1.851	-82.1	1.869
249070.0	843585.8	82.2	14.772	9.152	31.8	17.377	24.4	13.828	0.532	0.849	57.9	1.002	13.9	-0.253	1.886	-82.4	1.903
249069.3	843585.1	82.2	14.835	9.189	31.8	17.450	24.4	13.887	0.533	0.854	58.0	1.007	13.1	-0.286	1.861	-81.3	1.883
249068.6	843584.4	82.2	14.897	9.227	31.8	17.523	24.4	13.944	0.534	0.859	58.1	1.012	12.2	-0.322	1.834	-80.0	1.862
249067.9	843583.7	82.3	15.033	9.308	31.8	17.681	24.3	14.070	0.538	0.865	58.1	1.018	12.3	-0.335	1.848	-79.7	1.878
249067.2	843583.0	82.4	15.204	9.411	31.8	17.882	24.3	14.230	0.542	0.871	58.1	1.026	12.9	-0.339	1.880	-79.8	1.910
249066.5	843582.3	82.4	15.338	9.491	31.8	18.037	24.2	14.353	0.545	0.877	58.1	1.033	12.9	-0.358	1.890	-79.3	1.923
249065.8	843581.6	82.5	15.455	9.562	31.7	18.174	24.2	14.463	0.548	0.883	58.2	1.039	12.6	-0.385	1.890	-78.5	1.929
249065.1	843580.8	82.5	15.573	9.633	31.7	18.312	24.1	14.572	0.551	0.889	58.2	1.046	12.3	-0.415	1.889	-77.6	1.934
249064.4	843580.1	82.6	15.676	9.695	31.7	18.431	24.1	14.667	0.555	0.895	58.2	1.053	11.8	-0.453	1.879	-76.4	1.932
249063.7	843579.4	82.6	15.774	9.753	31.7	18.546	24.0	14.758	0.558	0.901	58.2	1.060	11.1	-0.495	1.865	-75.1	1.929
249063.0	843578.7	82.7	15.889	9.822	31.7	18.680	24.0	14.865	0.562	0.907	58.2	1.067	10.7	-0.535	1.859	-73.9	1.935
249062.3	843578.0	82.7	15.974	9.873	31.7	18.779	24.0	14.944	0.565	0.913	58.2	1.074	9.7	-0.588	1.837	-72.3	1.928
249061.6	843577.3	82.8	16.052	9.920	31.7	18.870	23.9	15.016	0.569	0.919	58.2	1.081	8.7	-0.645	1.809	-70.4	1.921
249060.9	843576.6	82.8	16.216	10.018	31.7	19.061	23.9	15.168	0.575	0.926	58.2	1.090	8.8	-0.678	1.827	-69.6	1.949
249060.2	843575.8	83.0	16.480	10.177	31.7	19.369	23.8	15.413	0.583	0.933	58.0	1.100	10.2	-0.682	1.898	-70.2	2.017
249059.5	843575.1	83.1	16.614	10.257	31.7	19.525	23.7	15.537	0.588	0.940	58.0	1.109	9.8	-0.729	1.898	-69.0	2.033
249058.8	843574.4	83.1	16.722	10.322	31.7	19.651	23.7	15.638	0.593	0.946	57.9	1.117	9.1	-0.786	1.883	-67.3	2.040
249058.1	843573.7	83.3	17.039	10.511	31.7	20.020	23.5	15.931	0.602	0.954	57.8	1.128	11.1	-0.779	1.977	-68.5	2.125
249057.4	843573.0	83.3	17.158	10.583	31.7	20.159	23.5	16.042	0.607	0.961	57.7	1.136	10.4	-0.836	1.965	-66.9	2.135
249056.7	843572.3	83.4	17.280	10.656	31.7	20.301	23.4	16.155	0.611	0.967	57.7	1.144	9.8	-0.893	1.953	-65.4	2.148
249056.0	843571.6	83.5	17.551	10.818	31.6	20.617	23.3	16.406	0.619	0.975	57.6	1.155	11.0	-0.904	2.017	-65.8	2.210
249055.3	843570.8	83.7	17.825	10.982	31.6	20.937	23.2	16.661	0.627	0.983	57.5	1.166	12.3	-0.915	2.080	-66.2	2.272
249054.6	843570.1	83.8	18.104	11.148	31.6	21.262	23.1	16.920	0.634	0.991	57.4	1.177	13.5	-0.925	2.142	-66.6	2.333
249053.9	843569.4	83.9	18.314	11.273	31.6	21.505	23.0	17.113	0.640	0.999	57.4	1.186	13.9	-0.957	2.166	-66.2	2.368
249053.2	843568.7	83.9	18.344	11.292	31.6	21.541	23.0	17.142	0.641	1.005	57.5	1.192	11.9	-1.044	2.099	-63.6	2.344
249052.5	843568.0	84.0	18.459	11.360	31.6	21.675	22.9	17.248	0.645	1.012	57.5	1.200	11.1	-1.104	2.072	-62.0	2.348
249051.8	843567.3	84.1	18.690	11.498	31.6	21.944	22.8	17.462	0.650	1.021	57.5	1.210	11.6	-1.128	2.100	-61.8	2.384
249051.1	843566.6	84.2	18.869	11.605	31.6	22.153	22.8	17.628	0.654	1.029	57.6	1.219	11.4	-1.168	2.099	-60.9	2.402
249050.4	843565.8	84.2	19.046	11.711	31.6	22.359	22.7	17.792	0.658	1.038	57.6	1.228	11.2	-1.208	2.094	-60.0	2.417
249049.7	843565.1	84.3	19.215	11.811	31.6	22.555	22.6	17.949	0.661	1.047	57.7	1.238	10.9	-1.251	2.081	-59.0	2.428
249049.0	843564.4	84.4	19.312	11.869	31.6	22.668	22.6	18.039	0.663	1.055	57.9	1.246	9.7	-1.314	2.030	-57.1	2.418
249048.3	843563.7	84.4	19.427	11.938	31.6	22.802	22.5	18.145	0.665	1.064	58.0	1.255	8.7	-1.370	1.984	-55.4	2.411
249047.6	843563.0	84.6	19.827	12.176	31.6	23.267	22.4	18.515	0.671	1.077	58.1	1.269	10.8	-1.343	2.073	-57.1	2.470
249046.9	843562.3	84.7	20.127	12.355	31.5	23.616	22.3	18.793	0.676	1.089	58.2	1.281	11.7	-1.346	2.109	-57.5	2.502
249046.2	843561.6	84.9	20.382	12.506	31.5	23.913	22.1	19.029	0.680	1.100	58.3	1.293	12.1	-1.361	2.119	-57.3	2.519
249045.5	843560.8	84.9	20.543	12.602	31.5	24.101	22.1	19.179	0.681	1.111	58.5	1.304	11.4	-1.402	2.082	-56.0	2.510
249044.8	843560.1	85.1	20.824	12.769	31.5	24.427	22.0	19.439	0.685	1.124	58.6	1.316	12.0	-1.409	2.098	-56.1	2.527
249044.1	843559.4	85.1	20.991	12.869	31.5	24.621	21.9	19.593	0.686	1.135	58.9	1.327	11.3	-1.448	2.057	-54.9	2.515
249043.4	843558.7	85.2	21.206	12.997	31.5	24.872	21.8	19.792	0.687	1.148	59.1	1.338	11.1	-1.472	2.035	-54.1	2.512
249042.7	843558.0	85.4	21.606	13.234	31.5	25.337	21.6	20.163	0.692	1.162	59.2	1.353	12.6	-1.448	2.097	-55.4	2.548
249042.0	843557.3	85.5	21.948	13.437	31.5	25.735	21.5	20.479	0.695	1.176	59.4	1.366	13.5	-1.440	2.128	-55.9	2.569
249041.3	843556.6	85.7	22.300	13.646	31.5	26.144	21.3	20.805	0.699	1.190	59.6	1.380	14.4	-1.431	2.160	-56.5	2.592
249040.6	843555.8	85.8	22.597	13.822	31.5	26.489	21.2	21.079	0.700	1.204	59.8	1.393	14.7	-1.438	2.165	-56.4	2.599
249039.9	843555.1	85.9	22.861	13.979	31.4	26.796	21.1	21.324	0.701	1.218	60.1	1.405	14.6	-1.455	2.153	-55.9	2.599
249039.2	843554.4	86.0	23.138	14.143	31.4	27.118	21.0	21.580	0.701	1.231	60.3	1.417	14.5	-1.472	2.144	-55.5	2.601
249038.5	843553.7	86.2	23.527	14.374	31.4	27.571	20.8	21.940	0.704	1.246	60.5	1.431	15.4	-1.464	2.184	-56.2	2.629

249037.8	843553.0	86.3	23.887	14.587	31.4	27.989	20.7	22.273	0.707	1.261	60.7	1.445	15.9	-1.469	2.208	-56.4	2.652
249037.1	843552.3	86.5	24.344	14.857	31.4	28.519	20.5	22.695	0.712	1.276	60.8	1.462	17.2	-1.457	2.271	-57.3	2.699
249036.4	843551.6	86.6	24.669	15.050	31.4	28.897	20.3	22.996	0.713	1.291	61.1	1.475	17.2	-1.482	2.275	-56.9	2.715
249035.7	843550.8	86.8	25.015	15.255	31.4	29.299	20.2	23.315	0.715	1.305	61.3	1.488	17.2	-1.508	2.287	-56.6	2.739
249035.0	843550.1	86.9	25.391	15.477	31.4	29.736	20.0	23.663	0.718	1.320	61.5	1.503	17.3	-1.536	2.309	-56.4	2.773
249034.3	843549.4	87.1	25.838	15.741	31.4	30.255	19.9	24.076	0.724	1.336	61.6	1.519	18.0	-1.556	2.359	-56.6	2.826
249033.6	843548.7	87.2	26.289	16.008	31.3	30.780	19.7	24.494	0.730	1.352	61.6	1.536	18.6	-1.584	2.410	-56.7	2.884
249032.9	843548.0	87.4	26.749	16.280	31.3	31.313	19.5	24.918	0.736	1.368	61.7	1.553	19.2	-1.619	2.461	-56.7	2.946
249032.2	843547.3	87.6	27.261	16.582	31.3	31.909	19.3	25.392	0.745	1.384	61.7	1.572	20.1	-1.651	2.532	-56.9	3.023
249031.5	843546.6	87.8	27.856	16.933	31.3	32.599	19.0	25.942	0.758	1.401	61.6	1.593	21.7	-1.675	2.635	-57.6	3.122
249030.8	843545.8	88.0	28.473	17.297	31.3	33.316	18.7	26.512	0.773	1.419	61.4	1.615	23.4	-1.702	2.745	-58.2	3.229
249030.1	843545.1	88.2	29.104	17.670	31.3	34.048	18.5	27.095	0.788	1.436	61.2	1.638	25.2	-1.732	2.858	-58.8	3.342
249029.4	843544.4	88.4	29.789	18.073	31.2	34.843	18.2	27.727	0.806	1.454	61.0	1.662	27.3	-1.757	2.990	-59.6	3.468
249028.7	843543.7	88.6	30.496	18.490	31.2	35.663	17.9	28.380	0.827	1.472	60.7	1.688	29.6	-1.783	3.130	-60.3	3.602
249028.0	843543.0	88.8	31.054	18.819	31.2	36.311	17.7	28.895	0.838	1.487	60.6	1.707	30.6	-1.837	3.213	-60.2	3.701
249027.3	843542.3	88.9	31.498	19.082	31.2	36.827	17.5	29.306	0.843	1.500	60.7	1.721	30.6	-1.912	3.256	-59.6	3.776
249026.6	843541.6	89.0	31.910	19.325	31.2	37.306	17.3	29.687	0.845	1.513	60.8	1.733	30.4	-1.993	3.290	-58.8	3.846
249025.9	843540.8	89.1	32.183	19.488	31.2	37.623	17.2	29.940	0.839	1.523	61.1	1.739	29.1	-2.095	3.276	-57.4	3.888
249025.2	843540.1	89.3	32.876	19.897	31.2	38.428	16.9	30.580	0.858	1.538	60.8	1.761	31.4	-2.122	3.418	-58.2	4.023
249024.5	843539.4	89.5	33.434	20.226	31.2	39.076	16.7	31.096	0.869	1.551	60.7	1.778	32.7	-2.168	3.513	-58.3	4.129
249023.8	843538.7	89.6	33.772	20.427	31.2	39.469	16.6	31.408	0.867	1.560	60.9	1.784	32.2	-2.247	3.535	-57.6	4.189
249023.1	843538.0	89.7	34.111	20.628	31.2	39.863	16.4	31.722	0.865	1.568	61.1	1.791	31.9	-2.320	3.561	-56.9	4.250
249022.4	843537.3	89.8	34.451	20.831	31.2	40.259	16.3	32.037	0.863	1.576	61.3	1.797	31.8	-2.386	3.593	-56.4	4.313
249021.7	843536.6	89.9	34.792	21.034	31.2	40.656	16.1	32.353	0.862	1.583	61.4	1.803	31.8	-2.444	3.630	-56.0	4.376
249021.0	843535.8	90.0	35.154	21.249	31.2	41.077	16.0	32.688	0.863	1.591	61.5	1.809	32.1	-2.491	3.679	-55.9	4.443
249020.3	843535.1	90.1	35.522	21.467	31.1	41.505	15.8	33.028	0.864	1.598	61.6	1.816	32.7	-2.528	3.736	-55.9	4.511
249019.6	843534.4	90.2	36.048	21.780	31.1	42.117	15.6	33.516	0.877	1.606	61.4	1.830	34.7	-2.532	3.852	-56.7	4.610
249018.9	843533.7	90.4	36.581	22.096	31.1	42.736	15.4	34.009	0.892	1.615	61.1	1.845	37.0	-2.526	3.975	-57.6	4.710
249018.2	843533.0	90.4	36.732	22.188	31.1	42.914	15.3	34.150	0.882	1.617	61.4	1.842	36.4	-2.571	3.975	-57.1	4.734
249017.5	843532.3	90.5	36.756	22.205	31.1	42.942	15.3	34.172	0.864	1.617	61.9	1.833	34.8	-2.625	3.937	-56.3	4.732
249016.8	843531.6	90.6	36.991	22.346	31.1	43.217	15.2	34.391	0.862	1.619	62.0	1.834	35.2	-2.638	3.977	-56.4	4.772
249016.1	843530.8	90.6	37.223	22.486	31.1	43.487	15.2	34.606	0.860	1.621	62.0	1.835	35.8	-2.642	4.021	-56.7	4.811
249015.4	843530.1	90.7	37.453	22.625	31.1	43.756	15.1	34.820	0.860	1.623	62.1	1.837	36.5	-2.638	4.070	-57.0	4.850
249014.7	843529.4	90.8	37.681	22.762	31.1	44.023	15.0	35.032	0.861	1.625	62.1	1.839	37.3	-2.626	4.122	-57.5	4.888
249014.0	843528.7	90.9	37.803	22.837	31.1	44.166	14.9	35.146	0.856	1.624	62.2	1.836	37.5	-2.622	4.144	-57.7	4.904
249013.3	843528.0	90.9	37.801	22.839	31.1	44.164	14.9	35.145	0.843	1.622	62.5	1.828	36.7	-2.628	4.129	-57.5	4.895
249012.7	843527.3	90.9	37.884	22.891	31.1	44.262	14.9	35.223	0.837	1.621	62.7	1.824	36.8	-2.615	4.145	-57.8	4.901
249012.0	843526.6	91.0	38.058	22.997	31.1	44.466	14.8	35.385	0.839	1.622	62.6	1.826	37.8	-2.582	4.194	-58.4	4.925
249011.3	843525.8	91.1	38.238	23.107	31.1	44.678	14.8	35.553	0.842	1.623	62.6	1.828	38.8	-2.542	4.247	-59.1	4.950
249010.6	843525.1	91.1	38.277	23.133	31.1	44.724	14.7	35.590	0.836	1.622	62.7	1.824	38.9	-2.516	4.254	-59.4	4.943
249009.9	843524.4	91.2	38.324	23.162	31.1	44.779	14.7	35.634	0.832	1.620	62.8	1.821	39.2	-2.510	4.235	-59.3	4.923
249009.2	843523.7	91.2	38.381	23.199	31.2	44.847	14.7	35.688	0.828	1.620	62.9	1.819	39.5	-2.471	4.249	-59.8	4.915
249008.5	843523.0	91.3	38.435	23.234	31.2	44.912	14.7	35.740	0.825	1.620	63.0	1.818	39.8	-2.427	4.262	-60.3	4.905
249007.8	843522.3	91.3	38.377	23.203	31.2	44.846	14.7	35.687	0.814	1.619	63.3	1.812	39.3	-2.393	4.238	-60.6	4.867
249007.1	843521.6	91.3	38.266	23.140	31.2	44.718	14.7	35.586	0.798	1.618	63.7	1.804	38.4	-2.362	4.195	-60.6	4.814
249006.4	843520.8	91.3	38.076	23.031	31.2	44.499	14.8	35.411	0.777	1.615	64.3	1.792	36.9	-2.337	4.123	-60.5	4.740
249005.7	843520.1	91.3	37.884	22.920	31.2	44.278	14.9	35.235	0.755	1.614	64.9	1.782	35.3	-2.310	4.048	-60.3	4.661
249005.0	843519.4	91.3	37.690	22.808	31.2	44.054	15.0	35.057	0.734	1.613	65.5	1.772	33.8	-2.281	3.969	-60.1	4.578
249004.3	843518.7	91.3	37.521	22.711	31.2	43.859	15.1	34.902	0.715	1.613	66.1	1.764	32.4	-2.249	3.894	-60.0	4.496
249003.6	843518.0	91.3	37.551	22.732	31.2	43.895	15.1	34.931	0.710	1.617	66.3	1.766	32.4	-2.191	3.882	-60.6	4.458
249002.9	843517.3	91.3	37.277	22.572	31.2	43.578	15.2	34.678	0.682	1.617	67.1	1.755	30.1	-2.172	3.764	-60.0	4.345
249002.2	843516.6	91.3	36.825	22.307	31.2	43.055	15.4	34.262	0.643	1.616	68.3	1.739	26.4	-2.174	3.580	-58.7	4.188
249001.5	843515.8	91.2	36.276	21.983	31.2	42.418	15.6	33.755	0.602	1.614	69.6	1.723	22.1	-2.189	3.356	-56.9	4.007
249000.8	843515.1	91.1	35.831	21.721	31.2	41.901	15.8	33.344	0.571	1.616	70.5	1.714	18.6	-2.195	3.161	-55.2	3.848
249000.1	843514.4	91.1	35.683	21.636	31.2	41.730	15.9	33.208	0.557	1.620	71.0	1.713	17.2	-2.168	3.068	-54.8	3.757
248999.4	843513.7	91.2	35.586	21.581	31.2	41.619	15.9	33.119	0.544	1.625	71.5	1.714	16.1	-2.140	2.991	-54.4	3.678
248998.7	843513.0	91.2	35.487	21.525	31.2	41.505	16.0	33.029	0.533	1.631	71.9	1.715	15.0	-2.115	2.912	-54.0	3.599
248998.0	843512.3	91.2	35.547	21.563	31.2	41.576	15.9	33.085	0.526	1.637	72.2	1.719	14.7	-2.078	2.889	-54.3	3.559
248997.3	843511.6	91.4	35.814	21.725	31.2	41.889	15.8	33.334	0.528	1.644	72.2	1.727	15.6	-2.024	2.943	-55.5	3.572
248996.6	843510.8	91.5	36.098	21.896	31.2	42.219	15.7	33.597	0.532	1.652	72.1	1.735	16.8	-1.974	3.003	-56.7	3.593
248995.9	843510.1	91.6	36.356	22.053	31.2	42.522	15.6	33.838	0.537	1.659	72.1	1.744	17.8	-1.934	3.053	-57.6	3.614
248995.2	843509.4	91.6	36.448	22.111	31.2	42.630	15.6	33.924	0.534	1.665	72.2	1.748	17.7	-1.918	3.045	-57.8	3.599
248994.5	843508.7	91.7	36.398	22.083	31.2	42.573	15.6	33.879	0.523	1.669	72.6	1.749	16.6	-1.924	2.986	-57.2	3.552
248993.8	843508.0	91.9	37.039	22.469	31.2	43.321	15.3	34.474	0.553	1.679	71.8	1.768	20.5	-1.867	3.179	-59.6	3.687
248993.1	843507.3	92.0	37.379	22.674	31.2	43.719	15.2	34.790	0.569	1.687	71.4	1.780	22.3	-1.850	3.265	-60.5	3.753
248992.4	843506.6	92.0	37.365	22.669	31.2	43.704	15.2	34.779	0.560	1.690	71.7	1.781	21.4	-1.874	3.228	-59.9	3.732
248991.7	843505.8	92.1	37.605	22.815	31.2	43.985	15.1	35.002	0.569	1.696	71.4	1.789	22.4	-1.883	3.283	-60.2	3.785
248991.0	843505.1	92.3	37.928	23.011	31.2	44.363	15.0	35.303	0.587	1.703	71.0	1.801	24.2	-1.892	3.372	-60.7	3.866
248990.3	843504.4	92.4	38.189	23.171	31.2	44.669	14.9	35.546	0.601	1.708	70.6	1.811	25.4	-1.914	3.443	-60.9	3.939
248989.6	843503.7	92.4	38.297	23.239	31.2	44.796	14.8	35.648	0.603	1.711	70.6	1.814	25.5	-1.959	3.464	-60.5	3.980
248988.9	843503.0	92.5	38.403	23.305	31.3	44.921	14.8	35.747	0.605	1.714	70.6	1.817	25.6	-2.011	3.490	-60.0	4.027
248988.2	843502.3	92.6	38.528	23.384	31.3	45.069	14.7	35.865	0.610	1.716	70.4	1.821	25.9	-2.067	3.528	-59.6	4.089
248987.5	843501.6	92.7	38.666	23.469	31.3	45.231	14.7	35.994	0.616	1.718	70.3	1.825	26.3	-2.128	3.575	-59.2	4.161
248986.8	843500.8	92.8	38.800	23.553	31.3	45.390	14.6	36.120	0.623	1.719	70.1	1.828	26.8	-2.195	3.628	-58.8	4.240
248986.1	843500.1	92.9	38.932	23.636	31.3	45.545	14.6	36.244	0.631	1.719	69.9	1.831	27.3	-2.266	3.685	-58.4	4.326
248985.4	843499.4	92.9	38.966	23.659	31.3	45.586	14.6	36.276	0.631	1.718	69.8	1.830	27.1	-2.349	3.714	-57.7	4.395
248984.7	843498.7	93.0	39.053	23.715	31.3	45.690	14.5	36.359	0.636	1.717	69.7	1.831	27.5	-2.429	3.767	-57.2	4.482
248984.0	843498.0	93.1	39.294	23.863	31.3	45.973	14.4	36.584	0.655	1.717	69.1	1.838	29.2	-2.496	3.878	-57.2	4.612
248983.3	843497.3	93.2	39.538	24.013	31.3	46.259	14.3	36.812	0.675	1.718	68.5	1.846	30.9	-2.561	3.994	-57.3	4.745
248982.6	843496.6	93.4	39.919	24.246	31.3	46.705	14.2	37.167	0.709	1.721	67.6	1.862	33.8	-2.611	4.160	-57.9	4.912
248981.9	843495.8	93.5	40.356	24.513	31.3	47.217	14.0	37.574	0.749	1.726	66.5	1.882	37.2	-2.653	4.346	-58.6	5.092
248981.2	843495.1	93.6	40.761	24.761	31.3	47.693	13.8	37.953	0.788	1.731	65.5	1.902	40.4	-2.693	4.522	-59.2	5.263
248980.5	843494.4	93.7	40.814	24.797	31.3	47.757	13.8	38.003	0.795	1.730	65.3	1.904	41.0	-2.761	4.583	-58.9	5.351
248979.8	843493.7	93.8	40.918	24.863	31.3	47.880	13.8	38.102	0.808	1.731	65.0	1.910	42.1	-2.819	4.662	-58.8	5.448
248979.1	843493.0	93.9	41.198	25.037	31.3	48.209	13.7	38.364	0.839	1.735	64.2	1.927	44.6	-2.853	4.799	-59.3	5.583
248978.4	843492.3	94.0	41.125	24.996	31.3	48.125	13.7	38.297	0.837	1.732	64.2	1.924	44.5	-2.913	4.822	-58.9	5.634
248977.7	843491.6	93.9	40.384	24.553	31.3	47.262	14.0	37.610	0.773	1.716	65.8	1.882	39.8	-3.033	4.629	-56.8	5.534

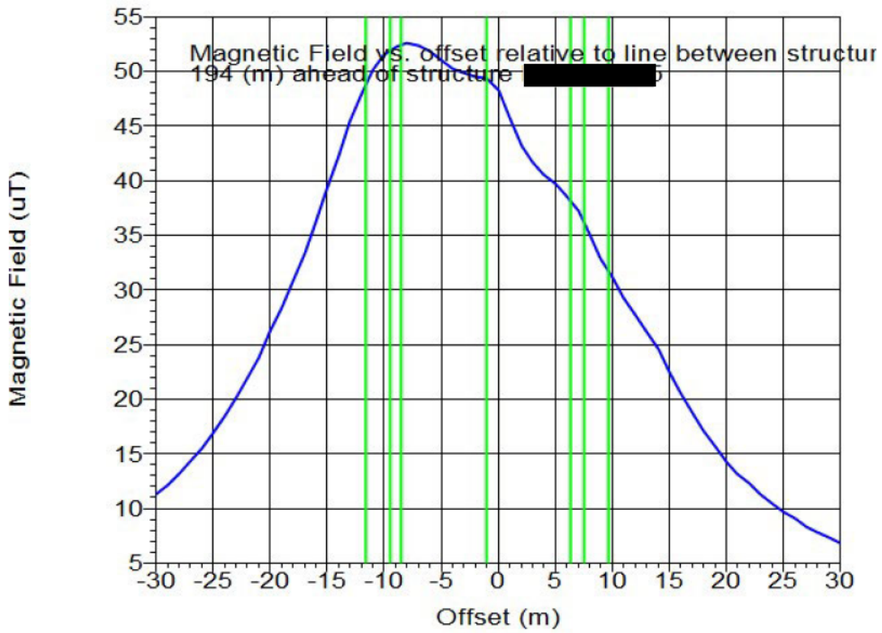
248977.0	843490.8	94.1	41.107	24.993	31.3	48.108	13.7	38.283	0.847	1.731	63.9	1.927	45.6	-3.002	4.909	-58.6	5.754
248976.3	843490.1	94.2	41.124	25.008	31.3	48.131	13.7	38.301	0.856	1.732	63.7	1.932	46.5	-3.033	4.960	-58.6	5.814
248975.6	843489.4	94.2	40.963	24.914	31.3	47.944	13.8	38.153	0.849	1.729	63.9	1.926	46.1	-3.075	4.953	-58.2	5.830
248974.9	843488.7	94.1	40.258	24.491	31.3	47.122	14.1	37.499	0.791	1.714	65.2	1.887	42.0	-3.165	4.768	-56.4	5.723
248974.2	843488.0	94.2	40.370	24.562	31.3	47.255	14.0	37.604	0.810	1.717	64.7	1.899	43.7	-3.169	4.847	-56.8	5.791
248973.5	843487.3	94.3	40.173	24.447	31.3	47.027	14.1	37.423	0.801	1.714	65.0	1.892	43.2	-3.200	4.823	-56.4	5.788
248972.8	843486.6	94.3	40.047	24.374	31.3	46.882	14.2	37.307	0.798	1.713	65.0	1.890	43.1	-3.221	4.821	-56.3	5.798
248972.1	843485.8	94.3	39.595	24.104	31.3	46.355	14.4	36.888	0.766	1.705	65.8	1.869	40.9	-3.271	4.709	-55.2	5.734
248971.4	843485.1	94.2	38.791	23.621	31.3	45.416	14.7	36.141	0.703	1.690	67.4	1.830	36.0	-3.357	4.475	-53.1	5.594
248970.7	843484.4	94.2	38.775	23.615	31.3	45.400	14.7	36.128	0.709	1.691	67.2	1.834	36.8	-3.364	4.503	-53.2	5.621
248970.0	843483.7	94.3	38.488	23.444	31.3	45.066	14.8	35.862	0.692	1.687	67.7	1.824	35.5	-3.399	4.436	-52.5	5.589
248969.3	843483.0	94.2	38.023	23.167	31.4	44.525	15.0	35.432	0.660	1.680	68.5	1.806	32.9	-3.455	4.306	-51.3	5.520
248968.6	843482.3	94.2	37.713	22.982	31.4	44.164	15.2	35.145	0.642	1.677	69.1	1.795	31.3	-3.498	4.224	-50.4	5.485
248967.9	843481.6	94.2	37.357	22.770	31.4	43.749	15.3	34.815	0.619	1.673	69.7	1.784	29.3	-3.551	4.123	-49.3	5.441
248967.2	843480.8	94.2	36.966	22.536	31.4	43.293	15.5	34.452	0.595	1.669	70.4	1.771	27.0	-3.612	4.005	-48.0	5.393
248966.5	843480.1	94.1	36.136	22.037	31.4	42.325	15.9	33.681	0.544	1.658	71.8	1.745	21.5	-3.725	3.724	-45.0	5.267
248965.8	843479.4	94.0	35.161	21.451	31.4	41.188	16.3	32.776	0.502	1.647	73.0	1.722	15.6	-3.859	3.377	-41.2	5.128
248965.1	843478.7	94.0	35.113	21.425	31.4	41.133	16.3	32.733	0.502	1.649	73.1	1.724	15.4	-3.904	3.371	-40.8	5.158
248964.4	843478.0	94.1	35.066	21.399	31.4	41.080	16.3	32.690	0.502	1.652	73.1	1.727	15.1	-3.954	3.363	-40.4	5.191
248963.7	843477.3	94.1	34.752	21.212	31.4	40.714	16.5	32.399	0.496	1.652	73.3	1.724	13.5	-4.039	3.251	-38.8	5.185
248963.0	843476.6	94.1	34.448	21.031	31.4	40.360	16.6	32.118	0.493	1.652	73.4	1.724	12.2	-4.130	3.139	-37.2	5.188
248962.3	843475.8	94.2	34.567	21.105	31.4	40.501	16.5	32.230	0.497	1.657	73.3	1.730	12.4	-4.182	3.190	-37.3	5.259
248961.6	843475.1	94.4	34.916	21.318	31.4	40.909	16.4	32.555	0.506	1.665	73.1	1.740	13.7	-4.214	3.327	-38.3	5.370
248960.9	843474.4	94.5	35.013	21.380	31.4	41.025	16.4	32.646	0.511	1.669	73.0	1.746	14.0	-4.279	3.368	-38.2	5.445
248960.2	843473.7	94.6	34.947	21.342	31.4	40.948	16.4	32.585	0.512	1.672	73.0	1.749	13.4	-4.365	3.345	-37.5	5.500
248959.5	843473.0	94.6	34.877	21.303	31.4	40.869	16.4	32.522	0.513	1.674	73.0	1.751	12.9	-4.456	3.322	-36.7	5.558
248958.8	843472.3	94.7	34.806	21.262	31.4	40.786	16.5	32.457	0.515	1.677	72.9	1.754	12.4	-4.551	3.299	-35.9	5.621
248958.1	843471.6	94.8	34.992	21.377	31.4	41.005	16.4	32.631	0.521	1.681	72.8	1.760	13.0	-4.619	3.379	-36.2	5.723
248957.4	843470.8	95.0	35.584	21.739	31.4	41.699	16.1	33.183	0.542	1.691	72.2	1.776	16.2	-4.645	3.616	-37.9	5.886
248956.7	843470.1	95.2	36.022	22.007	31.4	42.212	16.0	33.591	0.563	1.699	71.7	1.790	18.9	-4.686	3.794	-39.0	6.030
248956.0	843469.4	95.3	36.034	22.018	31.4	42.229	16.0	33.604	0.566	1.700	71.6	1.792	18.9	-4.773	3.817	-38.6	6.112
248955.3	843468.7	95.4	36.079	22.048	31.4	42.283	15.9	33.648	0.572	1.701	71.4	1.794	19.2	-4.855	3.857	-38.5	6.200
248954.6	843468.0	95.4	35.489	21.692	31.4	41.594	16.2	33.099	0.553	1.691	71.9	1.779	15.7	-5.005	3.661	-36.2	6.201
248953.9	843467.3	95.4	35.350	21.611	31.4	41.433	16.3	32.971	0.553	1.688	71.9	1.776	15.2	-5.101	3.641	-35.5	6.267
248953.2	843466.6	95.5	35.215	21.531	31.4	41.276	16.3	32.846	0.554	1.684	71.8	1.773	14.9	-5.192	3.627	-34.9	6.334
248952.5	843465.8	95.5	34.859	21.317	31.4	40.861	16.5	32.516	0.553	1.676	71.7	1.765	13.9	-5.305	3.534	-33.7	6.374
248951.8	843465.1	95.5	34.515	21.111	31.5	40.459	16.6	32.196	0.555	1.668	71.6	1.758	13.3	-5.412	3.449	-32.5	6.417
248951.1	843464.4	95.6	34.555	21.138	31.5	40.508	16.6	32.235	0.559	1.664	71.4	1.755	14.0	-5.466	3.520	-32.8	6.502
248950.4	843463.7	95.7	34.487	21.099	31.5	40.429	16.6	32.172	0.563	1.658	71.2	1.752	14.4	-5.529	3.553	-32.7	6.572
248949.7	843463.0	95.7	34.225	20.942	31.5	40.124	16.8	31.930	0.567	1.650	71.0	1.745	14.4	-5.609	3.515	-32.1	6.619
248949.0	843462.3	95.7	33.963	20.786	31.5	39.819	16.9	31.687	0.572	1.642	70.8	1.738	14.6	-5.683	3.481	-31.5	6.664
248948.3	843461.6	95.7	33.701	20.629	31.5	39.513	17.0	31.444	0.578	1.633	70.5	1.732	15.0	-5.752	3.449	-31.0	6.706
248947.6	843460.8	95.8	33.481	20.497	31.5	39.257	17.1	31.240	0.584	1.625	70.2	1.726	15.5	-5.808	3.437	-30.6	6.749
248946.9	843460.1	95.8	33.197	20.327	31.5	38.926	17.2	30.976	0.591	1.616	69.9	1.720	16.0	-5.865	3.402	-30.1	6.781
248946.2	843459.4	95.8	32.913	20.157	31.5	38.595	17.3	30.713	0.598	1.606	69.6	1.714	16.7	-5.916	3.369	-29.7	6.808
248945.5	843458.7	95.9	32.763	20.067	31.5	38.420	17.4	30.574	0.602	1.599	69.4	1.709	17.2	-5.939	3.392	-29.7	6.840
248944.8	843458.0	95.9	32.552	19.941	31.5	38.174	17.5	30.378	0.607	1.591	69.1	1.703	17.8	-5.962	3.392	-29.6	6.860
248944.1	843457.3	96.0	32.341	19.815	31.5	37.929	17.6	30.183	0.611	1.583	68.9	1.696	18.3	-5.976	3.394	-29.6	6.873
248943.4	843456.6	95.9	31.726	19.444	31.5	37.210	17.9	29.611	0.626	1.570	68.3	1.690	19.9	-6.040	3.230	-28.1	6.849
248942.7	843455.8	95.9	31.293	19.182	31.5	36.705	18.0	29.209	0.636	1.559	67.8	1.684	21.2	-6.069	3.140	-27.4	6.833
248942.0	843455.1	95.9	30.998	19.005	31.5	36.360	18.2	28.934	0.641	1.550	67.5	1.677	21.9	-6.068	3.107	-27.1	6.818
248941.3	843454.4	95.9	30.591	18.760	31.5	35.885	18.4	28.557	0.649	1.540	67.1	1.672	23.1	-6.076	3.027	-26.5	6.789
248940.6	843453.7	95.9	30.275	18.569	31.5	35.516	18.5	28.263	0.653	1.532	66.9	1.665	23.8	-6.062	2.985	-26.2	6.757
248939.9	843453.0	96.0	30.216	18.535	31.5	35.447	18.5	28.208	0.642	1.525	67.2	1.655	23.2	-6.000	3.054	-27.0	6.732
248939.2	843452.3	96.2	30.503	18.711	31.5	35.784	18.4	28.476	0.621	1.523	67.8	1.645	21.7	-5.876	3.270	-29.1	6.724
248938.5	843451.6	96.3	30.504	18.714	31.5	35.787	18.4	28.479	0.613	1.518	68.0	1.637	21.5	-5.789	3.364	-30.2	6.695
248937.8	843450.8	96.3	30.418	18.663	31.5	35.687	18.5	28.399	0.607	1.512	68.1	1.629	21.5	-5.710	3.421	-30.9	6.656
248937.1	843450.1	96.4	30.273	18.577	31.5	35.518	18.5	28.265	0.602	1.505	68.2	1.621	21.6	-5.636	3.454	-31.5	6.610
248936.4	843449.4	96.4	29.969	18.393	31.5	35.163	18.7	27.982	0.598	1.496	68.2	1.611	21.5	-5.583	3.420	-31.5	6.548
248935.7	843448.7	96.5	29.812	18.300	31.5	34.980	18.7	27.836	0.592	1.489	68.3	1.603	21.5	-5.506	3.449	-32.1	6.497
248935.0	843448.0	96.5	29.654	18.205	31.5	34.796	18.8	27.690	0.587	1.482	68.4	1.594	21.5	-5.430	3.477	-32.6	6.448
248934.3	843447.3	96.6	29.594	18.170	31.5	34.727	18.8	27.635	0.584	1.476	68.4	1.587	21.7	-5.339	3.547	-33.6	6.410
248933.6	843446.6	96.7	29.475	18.100	31.6	34.589	18.9	27.525	0.581	1.469	68.4	1.580	21.8	-5.260	3.593	-34.3	6.370
248932.9	843445.8	96.8	29.383	18.045	31.6	34.482	18.9	27.440	0.580	1.463	68.4	1.573	22.1	-5.182	3.650	-35.2	6.338
248932.2	843445.1	96.8	29.137	17.897	31.6	34.194	19.0	27.211	0.576	1.454	68.4	1.564	21.7	-5.132	3.643	-35.4	6.294
248931.5	843444.4	96.9	28.896	17.752	31.6	33.914	19.1	26.988	0.574	1.445	68.3	1.554	21.4	-5.088	3.638	-35.6	6.255
248930.8	843443.7	96.9	28.660	17.610	31.6	33.638	19.3	26.768	0.572	1.436	68.3	1.545	20.9	-5.050	3.634	-35.7	6.222
248930.1	843443.0	96.9	28.457	17.488	31.6	33.401	19.3	26.580	0.571	1.427	68.2	1.537	20.6	-5.014	3.645	-36.0	6.199
248929.4	843442.3	97.0	28.347	17.423	31.6	33.273	19.4	26.478	0.573	1.419	68.0	1.531	20.8	-4.969	3.696	-36.6	6.193
248928.7	843441.6	97.1	28.110	17.280	31.6	32.997	19.5	26.258	0.572	1.410	67.9	1.522	20.3	-4.952	3.692	-36.7	6.176
248928.0	843440.8	97.1	27.871	17.136	31.6	32.718	19.6	26.036	0.572	1.401	67.8	1.513	19.7	-4.942	3.686	-36.7	6.165
248927.3	843440.1	97.1	27.595	16.969	31.6	32.395	19.7	25.779	0.571	1.391	67.7	1.503	18.9	-4.945	3.663	-36.5	6.154
248926.6	843439.4	97.2	27.536	16.934	31.6	32.326	19.8	25.725	0.575	1.384	67.4	1.499	19.3	-4.917	3.733	-37.2	6.173
248925.9	843438.7	97.3	27.550	16.944	31.6	32.344	19.8	25.738	0.582	1.378	67.1	1.496	20.1	-4.882	3.833	-38.1	6.207
248925.2	843438.0	97.5	27.563	16.953	31.6	32.359	19.8	25.750	0.589	1.372	66.8	1.494	21.0	-4.852	3.931	-39.0	6.244
248924.5	843437.3	97.6	27.573	16.961	31.6	32.372	19.8	25.760	0.596	1.367	66.4	1.491	21.8	-4.826	4.025	-39.8	6.284
248923.8	843436.6	97.7	27.467	16.898	31.6	32.249	19.8	25.663	0.599	1.360	66.2	1.486	21.9	-4.824	4.068	-40.1	6.310
248923.1	843435.8	97.7	27.173	16.720	31.6	31.905	20.0	25.390	0.596	1.350	66.2	1.476	20.6	-4.859	4.027	-39.6	6.311
248922.4	843435.1	97.8	27.230	16.756	31.6	31.972	19.9	25.442	0.604	1.346	65.9	1.475	21.7	-4.836	4.133	-40.5	6.362
248921.7	843434.4	98.0	27.334	16.820	31.6	32.095	19.9	25.540	0.613	1.344	65.5	1.477	23.2	-4.807	4.255	-41.5	6.420
248921.0	843433.7	98.1	27.336	16.823	31.6	32.098	19.9	25.543	0.619	1.340	65.2	1.476	23.9	-4.798	4.329	-42.1	6.463
248920.3	843433.0	98.2	27.317	16.813	31.6	32.077	19.9	25.526	0.623	1.336	65.0	1.474	24.3	-4.795	4.391	-42.5	6.501
248919.6	843432.3	98.3	27.192	16.738	31.6	31.931	20.0	25.410	0.622	1.331	64.9	1.469	23.9	-4.812	4.403	-42.5	6.522
248918.9	843431.6	98.4	27.092	16.678	31.6	31.814	20.0	25.317	0.622	1.326	64.9	1.465	23.7	-4.825	4.421	-42.5	6.544
248918.2	843430.8	98.5	26.971	16.606	31.6	31.673	20.1	25.205	0.621	1.322	64.8	1.461	23.3	-4.843	4.425	-42.4	6.560
248917.5	843430.1	98.5	26.771	16.485	31.6	31.439	20.2	25.018	0.617	1.318	64.9	1.455	22.3	-4.875	4.390	-42.0	6.561
248916.8	843429.4	98.6	26.579	16.369	31.6	31.215	20.3	24.840	0.613	1.314	65.0	1.450	21.4	-4.907	4.352	-41.6	6.559

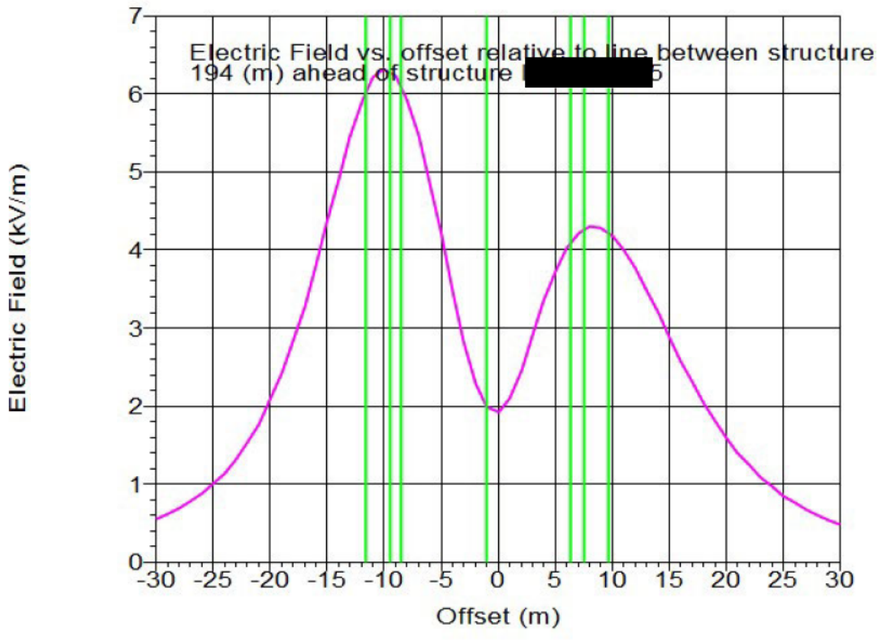
248916.1	843428.7	98.6	26.358	16.235	31.6	30.957	20.4	24.635	0.609	1.310	65.1	1.444	20.4	-4.943	4.296	-41.0	6.549
248915.4	843428.0	98.7	26.194	16.136	31.6	30.765	20.4	24.482	0.606	1.308	65.1	1.442	19.8	-4.969	4.256	-40.6	6.543
248914.7	843427.3	98.7	25.985	16.010	31.6	30.521	20.5	24.288	0.603	1.306	65.2	1.439	19.1	-5.002	4.191	-40.0	6.526
248914.0	843426.6	98.8	25.872	15.942	31.6	30.389	20.6	24.183	0.602	1.307	65.3	1.439	19.0	-5.016	4.160	-39.7	6.517
248913.3	843425.8	99.0	25.939	15.984	31.6	30.468	20.6	24.246	0.602	1.311	65.3	1.442	19.5	-4.996	4.200	-40.0	6.527
248912.6	843425.1	99.1	25.976	16.008	31.6	30.513	20.6	24.281	0.601	1.315	65.4	1.446	19.8	-4.980	4.221	-40.3	6.528
248911.9	843424.4	99.2	25.941	15.988	31.6	30.472	20.6	24.249	0.599	1.319	65.6	1.448	19.9	-4.977	4.204	-40.2	6.514
248911.2	843423.7	99.3	25.921	15.973	31.6	30.447	20.6	24.229	0.598	1.324	65.7	1.453	19.9	-4.969	4.146	-39.8	6.472
248910.5	843423.0	99.5	26.070	16.066	31.6	30.623	20.5	24.369	0.597	1.332	65.9	1.459	20.4	-4.930	4.198	-40.4	6.475
248909.8	843422.3	99.7	26.218	16.158	31.6	30.797	20.5	24.507	0.596	1.340	66.0	1.466	20.9	-4.891	4.245	-41.0	6.476
248909.1	843421.6	99.9	26.365	16.249	31.6	30.970	20.4	24.645	0.594	1.348	66.2	1.473	21.4	-4.852	4.287	-41.5	6.475
248908.4	843420.8	100.1	26.511	16.340	31.6	31.142	20.3	24.782	0.593	1.356	66.4	1.480	21.8	-4.814	4.326	-41.9	6.472
248907.7	843420.1	100.3	26.722	16.470	31.6	31.390	20.3	24.980	0.594	1.365	66.5	1.489	22.5	-4.765	4.391	-42.7	6.479
248907.0	843419.4	100.5	27.200	16.764	31.6	31.951	20.0	25.426	0.603	1.378	66.4	1.504	24.7	-4.673	4.567	-44.3	6.534
248906.3	843418.7	100.7	27.420	16.901	31.6	32.210	20.0	25.632	0.605	1.387	66.4	1.514	25.6	-4.626	4.633	-45.0	6.547
248905.6	843418.0	100.8	27.312	16.836	31.7	32.084	20.0	25.532	0.596	1.391	66.8	1.513	24.6	-4.633	4.560	-44.5	6.500
248904.9	843417.3	100.9	27.088	16.700	31.7	31.822	20.1	25.323	0.584	1.393	67.3	1.510	23.1	-4.659	4.436	-43.6	6.433
248904.2	843416.6	101.0	26.844	16.552	31.7	31.537	20.2	25.096	0.573	1.395	67.7	1.508	21.7	-4.688	4.304	-42.6	6.364
248903.5	843415.8	101.1	26.812	16.533	31.7	31.500	20.2	25.067	0.567	1.399	67.9	1.509	21.3	-4.685	4.265	-42.3	6.335
248902.8	843415.1	101.3	27.005	16.653	31.7	31.727	20.2	25.247	0.566	1.405	68.1	1.515	21.7	-4.649	4.328	-43.0	6.351
248902.1	843414.4	101.5	27.128	16.730	31.7	31.873	20.1	25.363	0.564	1.410	68.2	1.518	21.9	-4.626	4.363	-43.3	6.359
248901.4	843413.7	101.7	27.422	16.912	31.7	32.217	20.0	25.638	0.566	1.416	68.2	1.525	22.8	-4.583	4.477	-44.3	6.407
248900.7	843413.0	101.9	27.529	16.979	31.7	32.344	19.9	25.738	0.564	1.420	68.3	1.528	22.9	-4.572	4.512	-44.6	6.423
248900.0	843412.3	102.0	27.555	16.997	31.7	32.376	19.9	25.764	0.559	1.422	68.5	1.528	22.6	-4.576	4.517	-44.6	6.430
248899.3	843411.6	102.1	27.473	16.948	31.7	32.280	20.0	25.687	0.550	1.422	68.9	1.525	21.7	-4.601	4.478	-44.2	6.421
248898.6	843410.8	102.3	27.569	17.008	31.7	32.394	19.9	25.778	0.547	1.424	69.0	1.525	21.6	-4.608	4.522	-44.5	6.456
248897.9	843410.1	102.6	27.979	17.262	31.7	32.875	19.8	26.161	0.556	1.429	68.8	1.534	23.3	-4.580	4.706	-45.8	6.567
248897.2	843409.4	102.7	28.019	17.289	31.7	32.924	19.7	26.200	0.551	1.430	68.9	1.532	22.8	-4.610	4.734	-45.8	6.608
248896.5	843408.7	102.8	27.844	17.182	31.7	32.719	19.8	26.037	0.538	1.427	69.4	1.525	21.1	-4.675	4.673	-45.0	6.610
248895.8	843408.0	102.9	27.731	17.114	31.7	32.587	19.9	25.932	0.528	1.425	69.7	1.519	19.8	-4.741	4.642	-44.4	6.635
248895.1	843407.3	103.1	27.858	17.194	31.7	32.737	19.8	26.051	0.525	1.425	69.8	1.518	19.7	-4.785	4.720	-44.6	6.722
248894.4	843406.6	103.2	27.855	17.194	31.7	32.734	19.8	26.049	0.519	1.423	70.0	1.515	18.8	-4.855	4.746	-44.3	6.789
248893.7	843405.8	103.3	27.612	17.046	31.7	32.450	19.9	25.823	0.506	1.419	70.4	1.506	17.0	-4.963	4.670	-43.3	6.815
248893.0	843405.1	103.4	27.592	17.035	31.7	32.427	20.0	25.804	0.500	1.416	70.6	1.502	16.2	-5.054	4.694	-42.9	6.898
248892.3	843404.4	103.5	27.349	16.887	31.7	32.142	20.1	25.578	0.492	1.412	70.8	1.495	15.2	-5.181	4.624	-41.7	6.944
248891.6	843403.7	103.5	27.023	16.687	31.7	31.760	20.2	25.274	0.490	1.408	70.8	1.490	15.2	-5.327	4.516	-40.3	6.984
248890.9	843403.0	103.8	27.408	16.926	31.7	32.214	20.1	25.635	0.483	1.408	71.1	1.488	14.1	-5.407	4.730	-41.2	7.184
248890.2	843402.3	104.1	27.705	17.111	31.7	32.562	19.9	25.912	0.478	1.408	71.3	1.487	13.4	-5.513	4.903	-41.7	7.378
248889.5	843401.6	104.2	27.845	17.199	31.7	32.728	19.9	26.044	0.473	1.407	71.4	1.484	12.7	-5.650	5.008	-41.6	7.550
248888.8	843400.8	104.4	27.909	17.240	31.7	32.805	19.8	26.105	0.470	1.405	71.5	1.482	12.1	-5.810	5.079	-41.2	7.717
248888.1	843400.1	104.6	27.986	17.289	31.7	32.896	19.8	26.178	0.469	1.404	71.5	1.480	11.7	-5.985	5.155	-40.7	7.899
248887.4	843399.4	104.6	27.604	17.055	31.7	32.447	20.0	25.821	0.482	1.400	71.0	1.481	14.6	-6.218	5.031	-39.0	7.999
248886.7	843398.7	104.7	27.472	16.975	31.7	32.293	20.1	25.698	0.499	1.398	70.4	1.485	17.4	-6.442	5.014	-37.9	8.163
248886.0	843398.0	104.8	27.339	16.894	31.7	32.137	20.1	25.574	0.524	1.397	69.5	1.492	21.1	-6.680	4.994	-36.8	8.340
248885.3	843397.3	105.0	27.264	16.850	31.7	32.050	20.2	25.505	0.553	1.397	68.4	1.503	24.8	-6.924	4.997	-35.8	8.539
248884.6	843396.6	105.3	27.719	17.133	31.7	32.586	20.0	25.931	0.549	1.400	68.6	1.503	23.3	-7.135	5.229	-36.2	8.846
248883.9	843395.8	105.5	27.937	17.269	31.7	32.843	19.9	26.136	0.563	1.402	68.1	1.511	24.4	-7.374	5.352	-36.0	9.111
248883.2	843395.1	105.7	28.077	17.358	31.7	33.010	19.8	26.268	0.585	1.403	67.4	1.520	26.5	-7.624	5.438	-35.5	9.364
248882.5	843394.4	105.9	28.324	17.513	31.7	33.300	19.7	26.500	0.600	1.406	66.9	1.529	27.5	-7.867	5.564	-35.3	9.635
248881.8	843393.7	106.1	28.419	17.574	31.7	33.414	19.7	26.590	0.627	1.409	66.0	1.542	30.1	-8.120	5.622	-34.7	9.876
248881.1	843393.0	106.3	28.703	17.751	31.7	33.749	19.5	26.856	0.639	1.413	65.7	1.550	30.7	-8.352	5.753	-34.6	10.142
248880.4	843392.3	106.6	28.935	17.897	31.7	34.023	19.4	27.074	0.653	1.417	65.2	1.560	31.8	-8.579	5.857	-34.3	10.388
248879.7	843391.6	106.8	29.252	18.096	31.7	34.397	19.3	27.372	0.659	1.422	65.1	1.568	31.8	-8.784	5.991	-34.3	10.633
248879.0	843390.8	107.1	29.648	18.344	31.7	34.864	19.1	27.744	0.656	1.430	65.3	1.573	31.0	-8.966	6.150	-34.4	10.873
248878.3	843390.1	107.3	29.791	18.436	31.8	35.034	19.1	27.879	0.672	1.434	64.9	1.584	32.5	-9.153	6.202	-34.1	11.056
248877.6	843389.4	107.5	30.046	18.597	31.8	35.336	19.0	28.119	0.676	1.441	64.9	1.592	32.7	-9.307	6.293	-34.1	11.235
248876.9	843388.7	107.6	29.697	18.382	31.8	34.926	19.1	27.793	0.731	1.441	63.1	1.615	38.6	-9.500	6.140	-32.9	11.311
248876.2	843388.0	107.8	29.971	18.554	31.8	35.250	19.0	28.051	0.725	1.448	63.4	1.620	38.0	-9.604	6.230	-33.0	11.447
248875.5	843387.3	108.1	30.362	18.800	31.8	35.712	18.9	28.419	0.706	1.458	64.2	1.620	36.2	-9.666	6.360	-33.3	11.571
248874.8	843386.6	108.3	30.560	18.926	31.8	35.946	18.8	28.605	0.701	1.466	64.5	1.625	36.0	-9.722	6.410	-33.4	11.645
248874.1	843385.8	108.4	30.369	18.810	31.8	35.723	18.9	28.427	0.725	1.468	63.7	1.637	38.8	-9.794	6.304	-32.8	11.648
248873.4	843385.1	108.4	29.649	18.363	31.8	34.875	19.2	27.753	0.798	1.464	61.4	1.667	46.2	-9.902	5.981	-31.1	11.568
248872.7	843384.4	108.6	29.814	18.468	31.8	35.071	19.1	27.908	0.781	1.471	62.0	1.666	45.0	-9.882	6.008	-31.3	11.565
248872.0	843383.7	108.8	29.869	18.505	31.8	35.136	19.1	27.961	0.772	1.478	62.4	1.667	44.5	-9.851	5.987	-31.3	11.528
248871.3	843383.0	109.0	30.229	18.732	31.8	35.562	18.9	28.300	0.732	1.489	63.8	1.659	41.3	-9.759	6.086	-31.9	11.501
248870.6	843382.3	109.3	30.713	19.038	31.8	36.135	18.7	28.755	0.684	1.502	65.5	1.651	37.5	-9.630	6.229	-32.9	11.469
248869.9	843381.6	109.6	31.070	19.264	31.8	36.557	18.6	29.091	0.652	1.515	66.7	1.649	35.1	-9.497	6.319	-33.6	11.407
248869.2	843380.8	109.8	31.214	19.357	31.8	36.729	18.5	29.228	0.635	1.524	67.4	1.651	34.1	-9.375	6.323	-34.0	11.308
248868.5	843380.1	110.0	31.428	19.493	31.8	36.982	18.4	29.430	0.617	1.535	68.1	1.654	33.0	-9.229	6.352	-34.5	11.204
248867.8	843379.4	110.2	31.494	19.537	31.8	37.062	18.4	29.493	0.607	1.542	68.5	1.658	32.5	-9.090	6.323	-34.8	11.073
248867.1	843378.7	110.3	31.319	19.431	31.8	36.857	18.5	29.330	0.606	1.546	68.6	1.660	32.6	-8.973	6.199	-34.6	10.906
248866.4	843378.0	110.5	31.131	19.316	31.8	36.636	18.6	29.154	0.604	1.549	68.7	1.662	32.7	-8.848	6.068	-34.4	10.728
248865.7	843377.3	110.6	31.136	19.322	31.8	36.645	18.6	29.161	0.597	1.555	69.0	1.666	32.3	-8.688	6.013	-34.7	10.566
248865.0	843376.6	110.8	31.242	19.392	31.8	36.771	18.5	29.262	0.590	1.563	69.3	1.671	31.9	-8.507	5.998	-35.2	10.409
248864.3	843375.8	111.0	31.229	19.386	31.8	36.757	18.6	29.250	0.586	1.569	69.5	1.675	31.8	-8.335	5.937	-35.5	10.233
248863.6	843375.1	111.1	31.071	19.291	31.8	36.572	18.6	29.103	0.584	1.572	69.6	1.677	31.8	-8.174	5.819	-35.4	10.034
248862.9	843374.4	111.3	30.999	19.249	31.8	36.489	18.7	29.037	0.582	1.576	69.7	1.680	31.8	-7.996	5.737	-35.7	9.841
248862.2	843373.7	111.6	31.519	19.579	31.8	37.105	18.4	29.527	0.590	1.592	69.7	1.698	32.8	-7.730	5.896	-37.3	9.722
248861.5	843373.0	111.7	31.356	19.480	31.9	36.915	18.5	29.376	0.590	1.593	69.7	1.699	32.9	-7.550	5.785	-37.5	9.512
248860.8	843372.3	111.8	31.006	19.263	31.9	36.502	18.7	29.048	0.585	1.590	69.8	1.694	32.6	-7.390	5.600	-37.2	9.272
248860.1	843371.6	111.9	30.695	19.071	31.9	36.137	18.8	28.757	0.581	1.588	69.9	1.690	32.4	-7.219	5.433	-37.0	9.034
248859.4	843370.8	111.9	30.199	18.764	31.9	35.554	19.1	28.293	0.572	1.581	70.1	1.681	31.8	-7.068	5.190	-36.3	8.769
248858.7	843370.1	112.0	29.876	18.564	31.9	35.174	19.2	27.991	0.566	1.577	70.2	1.676	31.5	-6.889	5.023	-36.1	8.526
248858.0	843369.4	112.1	29.566	18.374	31.9	34.810	19.3	27.701	0.561	1.573	70.4	1.670	31.3	-6.705	4.865	-36.0	8.284
248857.3	843368.7	112.3	29.422	18.287	31.9	34.642	19.4	27.567	0.560	1.571	70.4	1.668	31.4	-6.495	4.784	-36.4	8.066
248856.6	843368.0	112.5	29.493	18.335	31.9	34.728	19.4	27.635	0.567	1.573	70.2	1.672	32.3	-6.252	4.803	-37.5	7.884
248855.9	843367.3	112.6	29.263	18.194	31.9	34.458	19.5	27.421	0.566	1.568	70.2	1.667	32.4	-6.049	4.698	-37.8	7.659

248855.2	843366.6	112.6	28.882	17.960	31.9	34.011	19.7	27.065	0.558	1.560	70.3	1.657	32.0	-5.866	4.531	-37.7	7.412
248854.5	843365.8	112.7	28.416	17.671	31.9	33.462	19.9	26.628	0.546	1.550	70.6	1.643	31.3	-5.693	4.330	-37.3	7.152
248853.8	843365.1	112.7	27.925	17.368	31.9	32.886	20.1	26.169	0.534	1.539	70.9	1.628	30.4	-5.524	4.121	-36.7	6.892
248853.1	843364.4	112.8	27.489	17.098	31.9	32.373	20.3	25.761	0.523	1.528	71.1	1.615	29.8	-5.348	3.941	-36.4	6.643
248852.4	843363.7	112.8	27.123	16.873	31.9	31.943	20.5	25.419	0.515	1.518	71.2	1.603	29.4	-5.163	3.800	-36.4	6.410
248851.7	843363.0	112.9	26.760	16.650	31.9	31.517	20.7	25.080	0.508	1.507	71.4	1.590	29.0	-4.979	3.665	-36.4	6.182
248851.0	843362.3	113.0	26.517	16.503	31.9	31.233	20.8	24.855	0.505	1.497	71.4	1.580	29.1	-4.780	3.594	-36.9	5.980
248850.3	843361.6	113.1	26.109	16.251	31.9	30.753	21.0	24.473	0.495	1.485	71.6	1.565	28.5	-4.607	3.449	-36.8	5.755
248849.6	843360.8	113.1	25.729	16.019	31.9	30.308	21.2	24.119	0.487	1.472	71.7	1.551	28.0	-4.434	3.322	-36.8	5.541
248848.9	843360.1	113.2	25.354	15.789	31.9	29.869	21.4	23.769	0.478	1.459	71.8	1.536	27.6	-4.264	3.203	-36.9	5.333
248848.2	843359.4	113.3	25.118	15.645	31.9	29.592	21.5	23.549	0.478	1.448	71.7	1.525	27.8	-4.079	3.159	-37.8	5.160
248847.5	843358.7	113.4	24.887	15.506	31.9	29.323	21.6	23.334	0.478	1.436	71.6	1.514	28.2	-3.899	3.124	-38.7	4.996
248846.8	843358.0	113.5	24.594	15.327	31.9	28.979	21.8	23.061	0.476	1.423	71.5	1.500	28.3	-3.733	3.063	-39.4	4.829
248846.1	843357.3	113.5	24.160	15.061	31.9	28.469	22.0	22.655	0.465	1.407	71.7	1.482	27.5	-3.594	2.934	-39.2	4.639
248845.4	843356.6	113.5	23.681	14.767	31.9	27.908	22.2	22.208	0.451	1.390	72.0	1.462	26.4	-3.468	2.785	-38.8	4.448
248844.7	843355.8	113.5	23.212	14.479	32.0	27.357	22.5	21.770	0.439	1.374	72.3	1.442	25.3	-3.348	2.644	-38.3	4.266
248844.0	843355.1	113.5	22.747	14.193	32.0	26.812	22.7	21.336	0.427	1.356	72.5	1.422	24.2	-3.236	2.507	-37.8	4.094
248843.3	843354.4	113.5	22.290	13.913	32.0	26.275	22.9	20.909	0.416	1.339	72.7	1.402	23.1	-3.131	2.377	-37.2	3.931
248842.6	843353.7	113.6	21.904	13.678	32.0	25.824	23.2	20.550	0.410	1.322	72.8	1.384	22.5	-3.023	2.289	-37.1	3.792
248841.9	843353.0	113.6	21.535	13.452	32.0	25.392	23.4	20.206	0.405	1.305	72.8	1.366	21.9	-2.920	2.213	-37.2	3.664
248841.2	843352.3	113.7	21.172	13.230	32.0	24.966	23.6	19.867	0.401	1.288	72.7	1.349	21.4	-2.823	2.143	-37.2	3.545
248840.5	843351.6	113.7	20.815	13.012	32.0	24.548	23.8	19.534	0.398	1.270	72.6	1.331	21.0	-2.734	2.079	-37.2	3.434
248839.8	843350.8	113.8	20.464	12.798	32.0	24.136	24.0	19.207	0.396	1.253	72.5	1.314	20.6	-2.650	2.019	-37.3	3.332
248839.1	843350.1	113.7	19.995	12.511	32.0	23.587	24.2	18.770	0.387	1.233	72.6	1.293	19.1	-2.594	1.892	-36.1	3.211
248838.4	843349.4	113.8	19.609	12.274	32.0	23.133	24.4	18.409	0.384	1.215	72.5	1.274	18.4	-2.531	1.813	-35.6	3.113
248837.7	843348.7	113.8	19.337	12.108	32.1	22.815	24.6	18.156	0.387	1.198	72.1	1.259	18.6	-2.453	1.801	-36.3	3.043
248837.0	843348.0	113.9	19.143	11.992	32.1	22.589	24.8	17.976	0.394	1.182	71.6	1.246	19.6	-2.365	1.837	-37.8	2.994
248836.3	843347.3	113.9	18.716	11.728	32.1	22.087	25.0	17.576	0.389	1.163	71.5	1.226	18.3	-2.326	1.732	-36.7	2.900
248835.6	843346.6	113.9	18.279	11.459	32.1	21.574	25.3	17.168	0.384	1.145	71.5	1.207	16.9	-2.295	1.619	-35.2	2.809
248834.9	843345.8	113.9	17.877	11.210	32.1	21.101	25.5	16.792	0.381	1.126	71.3	1.189	15.8	-2.263	1.523	-33.9	2.727
248834.2	843345.1	114.0	17.565	11.018	32.1	20.734	25.7	16.500	0.382	1.110	71.0	1.174	15.5	-2.215	1.480	-33.7	2.664
248833.5	843344.4	114.0	17.285	10.844	32.1	20.405	25.9	16.238	0.384	1.094	70.6	1.159	15.5	-2.163	1.453	-33.9	2.606
248832.8	843343.7	114.1	17.088	10.722	32.1	20.173	26.1	16.054	0.390	1.079	70.1	1.147	16.3	-2.095	1.476	-35.2	2.562
248832.1	843343.0	114.2	16.816	10.552	32.1	19.852	26.3	15.798	0.392	1.064	69.8	1.134	16.4	-2.044	1.447	-35.3	2.505
248831.4	843342.3	114.2	16.497	10.351	32.1	19.476	26.5	15.498	0.392	1.048	69.5	1.119	15.9	-2.006	1.385	-34.6	2.438
248830.7	843341.6	114.3	16.237	10.186	32.1	19.167	26.7	15.253	0.393	1.034	69.2	1.107	16.0	-1.954	1.356	-34.8	2.378
248830.0	843340.8	114.4	16.049	10.065	32.1	18.944	26.8	15.075	0.398	1.021	68.7	1.096	16.8	-1.884	1.368	-36.0	2.329
248829.3	843340.1	114.5	15.861	9.942	32.1	18.720	27.0	14.897	0.401	1.009	68.3	1.086	17.7	-1.814	1.375	-37.2	2.276
248828.6	843339.4	114.6	15.626	9.788	32.1	18.439	27.2	14.673	0.403	0.996	68.0	1.075	18.0	-1.753	1.348	-37.6	2.212
248827.9	843338.7	114.6	15.386	9.628	32.0	18.150	27.3	14.443	0.404	0.984	67.7	1.063	18.2	-1.694	1.313	-37.8	2.143
248827.2	843338.0	114.7	15.146	9.466	32.0	17.860	27.5	14.213	0.404	0.971	67.4	1.052	18.3	-1.632	1.274	-38.0	2.071
248826.5	843337.3	114.8	14.907	9.301	32.0	17.571	27.7	13.982	0.404	0.959	67.1	1.041	18.5	-1.570	1.232	-38.1	1.995
248825.8	843336.6	114.9	14.663	9.130	31.9	17.273	27.9	13.746	0.404	0.946	66.9	1.029	18.5	-1.507	1.182	-38.1	1.915
248825.1	843335.8	114.9	14.392	8.938	31.8	16.942	28.0	13.482	0.403	0.933	66.6	1.016	18.2	-1.451	1.111	-37.4	1.827
248824.4	843335.1	114.9	14.106	8.733	31.8	16.591	28.2	13.203	0.401	0.919	66.4	1.003	17.8	-1.399	1.027	-36.3	1.735
248823.7	843334.4	115.0	13.824	8.527	31.7	16.242	28.3	12.925	0.400	0.904	66.1	0.989	17.3	-1.345	0.942	-35.0	1.642
248823.0	843333.7	115.0	13.576	8.337	31.6	15.932	28.4	12.678	0.400	0.889	65.8	0.975	17.2	-1.280	0.878	-34.4	1.552
248822.3	843333.0	114.9	13.107	8.002	31.4	15.357	28.6	12.221	0.394	0.871	65.6	0.957	14.9	-1.288	0.658	-27.1	1.446
248821.6	843332.3	115.3	13.203	8.021	31.3	15.449	28.4	12.294	0.403	0.857	64.8	0.947	18.3	-1.111	0.831	-36.8	1.387
248820.9	843331.6	115.6	13.295	8.031	31.1	15.532	28.3	12.360	0.415	0.842	63.8	0.939	22.4	-0.933	0.995	-46.8	1.365
248820.2	843330.8	115.9	13.382	8.031	31.0	15.607	28.1	12.420	0.431	0.827	62.5	0.932	27.0	-0.756	1.151	-56.7	1.377
248819.5	843330.1	116.3	13.465	8.021	30.8	15.672	27.9	12.472	0.450	0.810	61.0	0.927	31.8	-0.578	1.297	-66.0	1.420
248818.8	843329.4	116.6	13.542	7.999	30.6	15.728	27.6	12.516	0.470	0.793	59.3	0.922	36.9	-0.399	1.434	-74.4	1.488
248818.1	843328.7	116.9	13.615	7.965	30.3	15.774	27.2	12.553	0.492	0.775	57.6	0.918	42.1	-0.220	1.559	-82.0	1.574
248817.4	843328.0	117.0	13.316	7.696	30.0	15.380	27.0	12.239	0.489	0.747	56.8	0.893	41.7	-0.160	1.458	-83.7	1.466
248816.7	843327.3	117.0	12.977	7.400	29.7	14.939	26.6	11.888	0.483	0.717	56.0	0.865	40.5	-0.117	1.331	-85.0	1.336
248816.0	843326.6	117.0	12.653	7.113	29.3	14.515	26.2	11.551	0.479	0.687	55.1	0.837	39.3	-0.075	1.211	-86.4	1.213
248815.3	843325.8	117.0	12.343	6.836	29.0	14.110	25.7	11.228	0.476	0.656	54.0	0.810	38.1	-0.035	1.097	-88.2	1.098
248814.6	843325.1	117.0	12.049	6.572	28.6	13.725	25.1	10.922	0.474	0.624	52.8	0.784	36.9	0.005	0.990	89.7	0.990
248813.9	843324.4	117.0	11.771	6.324	28.2	13.363	24.4	10.634	0.474	0.593	51.4	0.760	35.6	0.043	0.890	87.2	0.891
248813.2	843323.7	117.0	11.512	6.094	27.9	13.025	23.7	10.365	0.476	0.562	49.8	0.736	34.3	0.080	0.798	84.3	0.802
248812.5	843323.0	117.0	11.271	5.884	27.6	12.714	22.9	10.118	0.479	0.532	48.0	0.716	32.9	0.116	0.713	80.8	0.722
248811.8	843322.3	117.0	11.049	5.697	27.3	12.431	22.1	9.893	0.484	0.502	46.1	0.697	31.4	0.151	0.636	76.7	0.653
248811.1	843321.6	117.0	10.848	5.533	27.0	12.177	21.3	9.691	0.491	0.474	44.0	0.682	29.8	0.185	0.566	71.9	0.596
248810.4	843320.8	117.0	10.667	5.395	26.8	11.953	20.5	9.512	0.500	0.446	41.7	0.670	28.2	0.219	0.504	66.5	0.549
248809.7	843320.1	117.0	10.506	5.281	26.7	11.759	19.8	9.357	0.512	0.420	39.4	0.662	26.5	0.253	0.448	60.5	0.515
248809.0	843319.4	117.0	10.367	5.192	26.6	11.594	19.2	9.226	0.526	0.395	36.9	0.658	24.8	0.288	0.400	54.2	0.493
248808.3	843318.7	117.0	10.248	5.126	26.6	11.459	18.6	9.119	0.544	0.371	34.3	0.659	23.0	0.324	0.358	47.8	0.483
248807.6	843318.0	117.0	10.150	5.082	26.6	11.351	18.2	9.033	0.566	0.348	31.6	0.664	21.2	0.361	0.322	41.7	0.484

Max BF along centerline is 48.209 (uT) at 194.000 (m) from structure [redacted]-5

Cross section results at max BF along centerline between structures [redacted]5 and [redacted]6R





3D EMF Point Results Span from [redacted]5 to [redacted]6R:

Measurement			B					H	EF					Space Potential			
X (m)	Y (m)	Z (m)	Real (uT)	Imaginary (uT)	Angle (deg)	Magnitude (uT)	Polarization Axial Ratio %	Magnitude (A/m)	Real (kV/m)	Imaginary (kV/m)	Angle (deg)	Magnitude (kV/m)	Polarization Axial Ratio %	Real (kV)	Imaginary (kV)	Angle (deg)	Magnitude (kV)
249000.5	843472.0	97.2	9.090	6.626	36.1	11.249	51.4	8.951	0.200	0.515	68.7	0.552	38.5	0.761	-1.570	-64.2	1.745
248999.8	843472.7	97.0	9.897	7.070	35.5	12.163	51.3	9.679	0.219	0.574	69.2	0.615	37.8	0.964	-1.672	-60.0	1.931
248999.1	843473.4	96.9	10.794	7.543	34.9	13.169	51.1	10.479	0.255	0.639	68.3	0.688	36.8	1.198	-1.772	-55.9	2.139
248998.3	843474.1	96.8	11.793	8.048	34.3	14.278	50.7	11.362	0.313	0.708	66.1	0.774	35.7	1.466	-1.867	-51.9	2.374
248997.6	843474.8	96.7	12.916	8.593	33.6	15.513	50.3	12.345	0.398	0.781	63.0	0.877	34.5	1.774	-1.967	-47.9	2.648
248996.9	843475.5	96.6	14.186	9.185	32.9	16.900	49.7	13.449	0.513	0.858	59.1	1.000	33.2	2.135	-2.076	-44.2	2.978
248996.2	843476.2	96.5	15.609	9.813	32.2	18.438	48.9	14.672	0.660	0.937	54.8	1.147	31.7	2.552	-2.175	-40.4	3.353
248995.5	843476.9	96.4	17.194	10.470	31.3	20.131	47.9	16.019	0.844	1.018	50.3	1.322	29.9	3.028	-2.252	-36.6	3.774
248994.8	843477.6	96.2	18.816	11.069	30.5	21.830	46.6	17.372	1.063	1.095	45.9	1.526	26.8	3.481	-2.190	-32.2	4.112

248994.1	843478.3	96.1	20.779	11.788	29.6	23.890	45.3	19.011	1.336	1.171	41.2	1.777	24.7	4.078	-2.223	-28.6	4.644
248993.3	843479.0	96.1	23.032	12.567	28.6	26.237	43.7	20.879	1.666	1.242	36.7	2.078	22.8	4.795	-2.268	-25.3	5.305
248992.6	843479.7	95.8	25.152	13.190	27.7	28.401	41.8	22.601	2.043	1.298	32.4	2.420	19.5	5.312	-2.065	-21.2	5.699
248991.9	843480.4	95.7	27.521	13.858	26.7	30.813	39.8	24.521	2.483	1.342	28.4	2.822	16.7	5.879	-1.869	-17.6	6.169
248991.2	843481.1	95.5	30.016	14.517	25.8	33.342	37.7	26.533	2.981	1.368	24.7	3.280	14.1	6.396	-1.623	-14.2	6.599
248990.5	843481.8	95.4	32.810	15.240	24.9	36.176	35.5	28.788	3.536	1.376	21.3	3.794	12.0	7.009	-1.408	-11.4	7.149
248989.8	843482.5	95.3	35.806	15.992	24.1	39.215	33.2	31.206	4.130	1.362	18.2	4.349	10.3	7.651	-1.186	-8.8	7.742
248989.1	843483.2	95.2	38.815	16.733	23.3	42.269	30.9	33.636	4.732	1.323	15.6	4.913	8.7	8.190	-0.922	-6.4	8.241
248988.3	843483.9	95.2	41.905	17.510	22.7	45.416	28.5	36.141	5.308	1.262	13.4	5.456	7.6	8.721	-0.658	-4.3	8.746
248987.6	843484.6	95.1	44.398	18.177	22.3	47.975	26.2	38.177	5.784	1.175	11.5	5.902	6.5	8.754	-0.297	-1.9	8.759
248986.9	843485.3	95.0	46.444	18.822	22.1	50.113	24.0	39.878	6.117	1.068	9.9	6.210	5.7	8.493	0.083	0.6	8.493
248986.2	843486.0	94.9	47.677	19.384	22.1	51.467	22.0	40.956	6.253	0.943	8.6	6.324	5.2	7.731	0.504	3.7	7.747
248985.5	843486.7	94.7	48.336	19.936	22.4	52.286	20.1	41.608	6.180	0.807	7.4	6.233	5.0	6.728	0.920	7.8	6.791
248984.8	843487.4	94.6	48.399	20.467	22.9	52.549	18.4	41.817	5.900	0.665	6.4	5.937	5.3	5.513	1.337	13.6	5.673
248984.1	843488.1	94.5	47.961	20.981	23.6	52.349	17.0	41.658	5.440	0.529	5.6	5.466	6.2	4.181	1.753	22.7	4.534
248983.3	843488.8	94.4	47.146	21.484	24.5	51.810	15.8	41.229	4.843	0.433	5.1	4.863	7.9	2.825	2.166	37.5	3.560
248982.6	843489.5	94.2	46.015	21.953	25.5	50.983	14.9	40.571	4.156	0.437	6.0	4.179	10.5	1.482	2.574	60.1	2.970
248981.9	843490.2	94.1	44.885	22.465	26.6	50.193	14.2	39.942	3.427	0.574	9.5	3.475	15.0	0.335	2.976	83.6	2.994
248981.2	843490.9	94.1	44.120	23.162	27.7	49.830	13.6	39.654	2.707	0.809	16.6	2.825	23.2	-0.496	3.418	-81.7	3.454
248980.5	843491.6	94.1	43.400	23.920	28.9	49.555	13.3	39.435	2.018	1.094	28.5	2.295	37.3	-1.266	3.912	-72.1	4.112
248979.8	843492.3	94.1	42.692	24.711	30.1	49.328	13.2	39.254	1.396	1.412	45.3	1.986	54.8	-2.023	4.458	-65.6	4.895
248979.1	843493.0	93.9	41.198	25.037	31.3	48.209	13.7	38.364	0.839	1.735	64.2	1.927	44.6	-2.853	4.799	-59.3	5.583
248978.3	843493.7	93.6	38.664	24.571	32.4	45.811	14.8	36.455	0.457	2.047	77.4	2.098	20.0	-3.464	4.612	-53.1	5.768
248977.6	843494.4	93.1	36.070	23.832	33.5	43.232	16.2	34.403	0.694	2.358	73.6	2.458	5.8	-3.619	4.072	-48.4	5.448
248976.9	843495.1	92.9	34.425	23.578	34.4	41.725	17.4	33.204	1.158	2.665	66.5	2.906	1.7	-3.594	3.791	-46.5	5.223
248976.2	843495.8	92.8	33.130	23.467	35.3	40.599	18.5	32.308	1.583	2.944	61.7	3.342	0.5	-3.536	3.635	-45.8	5.071
248975.5	843496.5	92.8	32.033	23.418	36.2	39.680	19.7	31.577	1.946	3.176	58.5	3.725	0.3	-3.526	3.602	-45.6	5.040
248974.8	843497.2	92.7	30.832	23.188	36.9	38.579	21.1	30.700	2.240	3.342	56.2	4.024	0.5	-3.473	3.495	-45.2	4.927
248974.1	843497.9	92.7	29.468	22.710	37.6	37.204	22.6	29.606	2.462	3.429	54.3	4.221	0.8	-3.330	3.251	-44.3	4.654
248973.3	843498.6	92.5	27.636	21.672	38.1	35.120	24.3	27.948	2.608	3.424	52.7	4.304	0.7	-2.824	2.523	-41.8	3.787
248972.6	843499.3	92.3	25.716	20.419	38.5	32.836	26.0	26.130	2.686	3.339	51.2	4.285	0.6	-2.167	1.646	-37.2	2.721
248971.9	843500.0	92.3	24.256	19.514	38.8	31.131	27.6	24.773	2.705	3.190	49.7	4.183	0.8	-1.900	1.280	-34.0	2.291
248971.2	843500.7	92.2	22.730	18.451	39.1	29.276	29.3	23.297	2.671	2.981	48.1	4.002	0.9	-1.559	0.838	-28.3	1.770
248970.5	843501.4	92.2	21.395	17.502	39.3	27.641	30.9	21.996	2.593	2.730	46.5	3.765	1.2	-1.417	0.625	-23.8	1.549
248969.8	843502.1	92.2	20.187	16.619	39.5	26.148	32.5	20.808	2.482	2.453	44.7	3.490	1.7	-1.418	0.554	-21.3	1.522
248969.1	843502.8	92.3	18.992	15.686	39.6	24.632	34.1	19.602	2.347	2.164	42.7	3.192	2.1	-1.403	0.456	-18.0	1.475
248968.3	843503.5	92.1	17.419	14.288	39.4	22.530	35.5	17.928	2.195	1.872	40.5	2.885	1.4	-0.783	-0.165	11.9	0.800
248967.6	843504.2	91.9	15.982	12.993	39.1	20.598	36.8	16.391	2.036	1.595	38.1	2.587	0.6	-0.224	-0.658	71.2	0.695
248966.9	843504.9	91.6	14.639	11.768	38.8	18.783	38.0	14.947	1.876	1.339	35.5	2.305	0.6	0.325	-1.071	-73.1	1.119
248966.2	843505.6	91.3	13.404	10.638	38.4	17.112	39.0	13.617	1.719	1.109	32.8	2.046	2.1	0.832	-1.382	-58.9	1.613
248965.5	843506.3	91.1	12.303	9.634	38.1	15.626	39.8	12.435	1.567	0.905	30.0	1.810	3.8	1.234	-1.562	-51.7	1.991
248964.8	843507.0	90.8	11.340	8.764	37.7	14.332	40.6	11.405	1.423	0.727	27.1	1.598	5.4	1.502	-1.618	-47.1	2.208
248964.1	843507.7	90.6	10.484	7.997	37.3	13.185	41.3	10.493	1.287	0.574	24.1	1.409	7.0	1.676	-1.597	-43.6	2.315
248963.3	843508.4	90.5	9.774	7.369	37.0	12.241	42.0	9.741	1.159	0.443	20.9	1.241	8.1	1.665	-1.485	-41.7	2.231
248962.6	843509.1	90.3	9.065	6.742	36.6	11.297	42.4	8.990	1.041	0.336	17.9	1.094	9.8	1.748	-1.403	-38.8	2.241
248961.9	843509.8	90.2	8.425	6.181	36.3	10.449	42.8	8.315	0.933	0.250	15.0	0.966	11.5	1.783	-1.298	-36.1	2.206
248961.2	843510.5	90.1	7.877	5.706	35.9	9.727	43.2	7.740	0.834	0.181	12.3	0.853	12.7	1.719	-1.174	-34.3	2.082
248960.5	843511.2	90.0	7.375	5.276	35.6	9.068	43.6	7.216	0.743	0.132	10.1	0.755	13.9	1.642	-1.056	-32.7	1.952
248959.8	843511.9	89.7	6.856	4.834	35.2	8.389	43.7	6.676	0.662	0.111	9.5	0.671	16.2	1.670	-0.949	-29.6	1.921
248959.1	843512.6	89.5	6.389	4.441	34.8	7.781	43.8	6.192	0.588	0.109	10.5	0.598	18.4	1.661	-0.839	-26.8	1.861
248958.3	843513.3	89.4	6.003	4.121	34.5	7.281	43.9	5.794	0.521	0.112	12.2	0.533	19.6	1.557	-0.741	-25.4	1.724
248957.6	843514.0	89.4	5.645	3.828	34.1	6.821	44.0	5.428	0.461	0.121	14.7	0.476	20.9	1.456	-0.654	-24.2	1.596

Centerline results between structures [redacted]6R and [redacted]-6A

3D EMF Point Results Centerline from [redacted]-6R to [redacted]-6A:

Measurement			B					H	EF					Space Potential				
X (m)	Y (m)	Z (m)	Real (uT)	Imaginary (uT)	Angle (deg)	Magnitude (uT)	Polarization Axial Ratio %	Magnitude (A/m)	Real (kV/m)	Imaginary (kV/m)	Angle (deg)	Magnitude (kV/m)	Polarization Axial Ratio %	Real (kV)	Imaginary (kV)	Angle (deg)	Magnitude (kV)	
248807.4	843317.8	117.0	10.126	5.073	26.6	11.326	18.1	9.013	0.572	0.342	30.9	0.667	20.7	0.372	0.313	40.1	0.486	
248806.4	843317.7	117.0	10.045	5.013	26.5	11.226	18.4	8.934	0.542	0.361	33.7	0.651	21.6	0.321	0.331	45.9	0.461	
248805.4	843317.6	117.0	9.983	4.972	26.5	11.152	18.7	8.875	0.516	0.380	36.4	0.640	22.4	0.275	0.352	52.0	0.447	
248804.4	843317.5	117.0	9.939	4.950	26.5	11.104	19.3	8.836	0.493	0.400	39.0	0.635	23.0	0.233	0.376	58.2	0.442	
248803.4	843317.4	117.0	9.915	4.949	26.5	11.082	19.9	8.819	0.475	0.421	41.5	0.634	23.6	0.194	0.403	64.3	0.448	
248802.4	843317.4	117.0	9.909	4.970	26.6	11.086	20.6	8.822	0.459	0.442	43.9	0.637	24.1	0.157	0.435	70.2	0.462	
248801.4	843317.3	117.0	9.920	5.013	26.8	11.115	21.5	8.845	0.446	0.464	46.1	0.644	24.5	0.120	0.470	75.6	0.485	
248800.4	843317.2	117.0	9.949	5.076	27.0	11.169	22.3	8.888	0.436	0.487	48.2	0.654	24.8	0.084	0.510	80.6	0.517	
248799.4	843317.1	117.0	9.992	5.159	27.3	11.245	23.2	8.949	0.427	0.510	50.1	0.666	25.1	0.048	0.555	85.0	0.557	
248798.4	843317.0	117.0	10.050	5.260	27.6	11.343	24.2	9.027	0.420	0.534	51.8	0.680	25.4	0.011	0.604	88.9	0.605	
248797.4	843316.9	117.0	10.121	5.376	28.0	11.460	25.0	9.120	0.415	0.558	53.3	0.695	25.7	-0.027	0.659	-87.6	0.660	
248796.4	843316.8	117.0	10.204	5.506	28.3	11.594	25.9	9.227	0.411	0.582	54.8	0.712	25.9	-0.068	0.719	-84.6	0.722	
248795.4	843316.7	117.0	10.297	5.646	28.7	11.743	26.7	9.345	0.408	0.605	56.0	0.730	26.2	-0.111	0.784	-82.0	0.792	
248794.4	843316.7	117.0	10.399	5.794	29.1	11.904	27.4	9.473	0.406	0.628	57.1	0.747	26.5	-0.156	0.854	-79.7	0.869	
248793.4	843316.6	117.0	10.510	5.947	29.5	12.075	28.0	9.609	0.405	0.650	58.1	0.765	26.8	-0.204	0.930	-77.6	0.952	
248792.5	843316.5	117.0	10.626	6.103	29.9	12.254	28.5	9.752	0.405	0.670	58.9	0.783	27.2	-0.255	1.011	-75.8	1.043	
248791.5	843316.4	117.0	10.748	6.261	30.2	12.439	29.0	9.898	0.406	0.690	59.5	0.800	27.6	-0.310	1.098	-74.3	1.141	
248790.5	843316.3	117.0	10.874	6.418	30.5	12.627	29.4	10.048	0.407	0.708	60.1	0.817	28.0	-0.367	1.191	-72.9	1.246	
248789.5	843316.2	117.0	11.004	6.572	30.8	12.817	29.7	10.200	0.410	0.724	60.5	0.832	28.5	-0.428	1.289	-71.6	1.358	
248788.5	843316.1	117.0	11.136	6.723	31.1	13.008	29.9	10.351	0.413	0.739	60.8	0.847	29.1	-0.492	1.392	-70.5	1.476	
248787.5	843316.0	117.0	11.269	6.869	31.4	13.198	30.1	10.503	0.417	0.752	61.0	0.860	29.7	-0.559	1.501	-69.6	1.602	
248786.5	843316.0	117.0	11.404	7.011	31.6	13.387	30.2	10.653	0.422	0.763	61.0	0.872	30.3	-0.629	1.616	-68.7	1.734	
248785.5	843315.9	117.0	11.538	7.147	31.8	13.573	30.2	10.801	0.428	0.773	61.0	0.883	31.0	-0.702	1.736	-68.0	1.873	

248784.5	843315.8	117.0	11.673	7.278	31.9	13.756	30.2	10.946	0.434	0.780	60.9	0.893	31.8	-0.778	1.862	-67.3	2.018
248783.5	843315.7	117.0	11.807	7.402	32.1	13.935	30.2	11.089	0.442	0.786	60.7	0.902	32.6	-0.856	1.993	-66.8	2.169
248782.5	843315.6	117.0	11.940	7.521	32.2	14.111	30.2	11.229	0.449	0.790	60.4	0.909	33.5	-0.936	2.128	-66.3	2.325
248781.5	843315.5	117.0	12.072	7.635	32.3	14.283	30.1	11.366	0.458	0.793	60.0	0.916	34.4	-1.018	2.268	-65.8	2.486
248780.5	843315.4	117.0	12.202	7.743	32.4	14.451	30.0	11.500	0.467	0.795	59.6	0.922	35.3	-1.101	2.412	-65.5	2.651
248779.5	843315.3	117.0	12.331	7.846	32.5	14.616	29.9	11.631	0.476	0.795	59.1	0.927	36.3	-1.185	2.559	-65.2	2.820
248778.5	843315.2	117.0	12.458	7.945	32.5	14.776	29.8	11.758	0.486	0.794	58.5	0.931	37.3	-1.269	2.710	-64.9	2.992
248777.5	843315.2	117.0	12.584	8.039	32.6	14.932	29.6	11.883	0.496	0.792	57.9	0.935	38.3	-1.353	2.862	-64.7	3.166
248776.5	843315.1	117.0	12.707	8.130	32.6	15.085	29.5	12.004	0.506	0.789	57.3	0.938	39.4	-1.436	3.016	-64.5	3.341
248775.5	843315.0	117.0	12.829	8.216	32.6	15.235	29.4	12.123	0.517	0.786	56.7	0.941	40.5	-1.517	3.171	-64.4	3.516
248774.5	843314.9	116.9	12.905	8.271	32.7	15.328	29.3	12.198	0.525	0.781	56.1	0.941	41.0	-1.611	3.299	-64.0	3.671
248773.5	843314.8	116.4	12.376	7.932	32.7	14.700	29.5	11.698	0.499	0.762	56.8	0.911	33.3	-1.900	3.048	-58.1	3.592
248772.5	843314.7	115.9	11.880	7.615	32.7	14.111	29.7	11.229	0.482	0.745	57.1	0.887	26.0	-2.195	2.811	-52.0	3.567
248771.5	843314.6	115.4	11.390	7.302	32.7	13.530	29.9	10.767	0.474	0.728	56.9	0.869	19.0	-2.505	2.572	-45.8	3.591
248770.5	843314.5	114.8	10.945	7.016	32.7	13.001	30.1	10.346	0.474	0.713	56.4	0.856	13.7	-2.814	2.357	-40.0	3.671
248769.5	843314.5	114.3	10.528	6.749	32.7	12.505	30.3	9.952	0.483	0.699	55.4	0.850	11.5	-3.125	2.156	-34.6	3.797
248768.5	843314.4	113.9	10.172	6.521	32.7	12.083	30.4	9.615	0.498	0.687	54.1	0.848	13.4	-3.420	1.994	-30.3	3.959
248767.5	843314.3	113.4	9.830	6.302	32.7	11.677	30.5	9.292	0.517	0.675	52.5	0.851	17.8	-3.717	1.838	-26.3	4.146
248766.6	843314.2	113.2	9.697	6.217	32.7	11.519	30.5	9.167	0.530	0.665	51.5	0.851	19.4	-3.899	1.838	-25.2	4.311
248765.6	843314.1	113.2	9.821	6.297	32.7	11.667	30.4	9.284	0.528	0.657	51.2	0.843	16.0	-3.924	2.032	-27.4	4.419
248764.6	843314.0	113.2	9.864	6.325	32.7	11.717	30.3	9.324	0.531	0.649	50.7	0.838	14.3	-3.987	2.157	-28.4	4.533
248763.6	843313.9	113.1	9.870	6.328	32.7	11.725	30.2	9.330	0.533	0.642	50.3	0.835	13.4	-4.061	2.249	-29.0	4.643
248762.6	843313.8	113.1	9.875	6.330	32.7	11.729	30.2	9.334	0.536	0.636	49.9	0.831	12.8	-4.128	2.333	-29.5	4.741
248761.6	843313.8	113.0	9.877	6.331	32.7	11.732	30.1	9.336	0.537	0.631	49.6	0.828	12.4	-4.186	2.409	-29.9	4.829
248760.6	843313.7	112.9	9.878	6.330	32.7	11.732	30.1	9.336	0.537	0.627	49.4	0.826	12.2	-4.235	2.477	-30.3	4.906
248759.6	843313.6	112.9	9.878	6.329	32.6	11.732	30.0	9.336	0.537	0.624	49.3	0.823	12.3	-4.276	2.538	-30.7	4.972
248758.6	843313.5	112.7	9.837	6.301	32.6	11.682	30.0	9.296	0.538	0.621	49.1	0.822	13.3	-4.333	2.562	-30.6	5.034
248757.6	843313.4	112.9	10.067	6.446	32.6	11.954	29.8	9.513	0.528	0.623	49.7	0.817	10.1	-4.221	2.771	-33.3	5.050
248756.6	843313.3	112.6	9.863	6.314	32.6	11.711	29.9	9.319	0.532	0.620	49.4	0.817	13.7	-4.359	2.668	-31.5	5.111
248755.6	843313.2	112.5	9.774	6.257	32.6	11.605	29.9	9.235	0.533	0.620	49.3	0.817	15.5	-4.422	2.641	-30.8	5.151
248754.6	843313.1	112.3	9.717	6.218	32.6	11.536	29.9	9.180	0.531	0.620	49.4	0.817	16.8	-4.462	2.628	-30.5	5.178
248753.6	843313.1	112.2	9.655	6.178	32.6	11.462	29.9	9.122	0.529	0.621	49.6	0.816	18.0	-4.498	2.608	-30.1	5.199
248752.6	843313.0	112.2	9.724	6.220	32.6	11.543	29.8	9.186	0.522	0.624	50.1	0.813	17.2	-4.453	2.676	-31.0	5.195
248751.6	843312.9	112.4	9.941	6.356	32.6	11.799	29.6	9.390	0.511	0.628	50.9	0.810	14.7	-4.320	2.845	-33.4	5.173
248750.6	843312.8	111.9	9.501	6.075	32.6	11.278	29.8	8.974	0.520	0.628	50.4	0.815	20.6	-4.570	2.538	-29.0	5.227
248749.6	843312.7	112.1	9.731	6.220	32.6	11.549	29.7	9.190	0.507	0.632	51.2	0.810	17.1	-4.424	2.714	-31.5	5.191
248748.6	843312.6	112.3	9.994	6.384	32.6	11.859	29.5	9.437	0.497	0.637	52.0	0.808	14.4	-4.268	2.908	-34.3	5.164
248747.6	843312.5	112.6	10.265	6.554	32.6	12.179	29.3	9.692	0.491	0.642	52.6	0.808	13.4	-4.116	3.102	-37.0	5.154
248746.6	843312.4	112.6	10.382	6.626	32.5	12.316	29.3	9.801	0.488	0.646	52.9	0.809	13.5	-4.052	3.185	-38.2	5.154
248745.6	843312.4	112.5	10.363	6.613	32.5	12.293	29.2	9.782	0.486	0.648	53.2	0.810	13.1	-4.061	3.175	-38.0	5.155
248744.6	843312.3	112.5	10.350	6.603	32.5	12.277	29.2	9.770	0.484	0.650	53.3	0.810	12.7	-4.070	3.169	-37.9	5.158
248743.6	843312.2	112.5	10.378	6.619	32.5	12.310	29.2	9.796	0.483	0.652	53.5	0.811	12.4	-4.062	3.191	-38.1	5.165
248742.6	843312.1	112.4	10.403	6.633	32.5	12.338	29.2	9.818	0.482	0.654	53.6	0.812	12.0	-4.060	3.211	-38.3	5.176
248741.6	843312.0	112.4	10.412	6.638	32.5	12.348	29.1	9.826	0.482	0.655	53.6	0.813	11.4	-4.071	3.221	-38.4	5.191
248740.7	843311.9	112.3	10.335	6.588	32.5	12.257	29.1	9.754	0.483	0.655	53.6	0.813	10.3	-4.131	3.174	-37.5	5.209
248739.7	843311.8	112.1	10.260	6.539	32.5	12.166	29.2	9.682	0.484	0.655	53.5	0.814	9.3	-4.195	3.127	-36.7	5.233
248738.7	843311.7	112.0	10.184	6.490	32.5	12.076	29.2	9.610	0.486	0.654	53.4	0.815	8.6	-4.266	3.083	-35.8	5.264
248737.7	843311.7	111.9	10.156	6.471	32.5	12.042	29.2	9.583	0.490	0.654	53.2	0.817	8.0	-4.318	3.073	-35.4	5.300
248736.7	843311.6	111.9	10.142	6.462	32.5	12.026	29.2	9.570	0.494	0.653	52.9	0.819	7.5	-4.368	3.077	-35.2	5.343
248735.7	843311.5	111.8	10.132	6.455	32.5	12.013	29.2	9.560	0.498	0.652	52.6	0.821	7.1	-4.421	3.085	-34.9	5.391
248734.7	843311.4	111.8	10.126	6.450	32.5	12.006	29.2	9.554	0.503	0.651	52.3	0.823	6.9	-4.478	3.099	-34.7	5.445
248733.7	843311.3	111.7	10.135	6.454	32.5	12.015	29.1	9.561	0.509	0.649	51.9	0.825	6.6	-4.532	3.125	-34.6	5.505
248732.7	843311.2	111.7	10.161	6.470	32.5	12.047	29.1	9.586	0.515	0.648	51.5	0.827	6.2	-4.580	3.166	-34.7	5.568
248731.7	843311.1	111.7	10.190	6.487	32.5	12.080	29.1	9.613	0.522	0.646	51.1	0.830	6.0	-4.632	3.211	-34.7	5.636
248730.7	843311.0	111.7	10.233	6.514	32.5	12.130	29.0	9.653	0.528	0.643	50.6	0.833	5.6	-4.679	3.268	-34.9	5.707
248729.7	843311.0	111.7	10.285	6.546	32.5	12.191	29.0	9.701	0.535	0.641	50.1	0.835	5.2	-4.725	3.332	-35.2	5.782
248728.7	843310.9	111.6	10.239	6.517	32.5	12.137	29.0	9.658	0.544	0.638	49.5	0.839	6.2	-4.830	3.331	-34.6	5.867
248727.7	843310.8	111.6	10.219	6.503	32.5	12.112	29.0	9.639	0.553	0.635	49.0	0.842	7.0	-4.925	3.348	-34.2	5.956
248726.7	843310.7	111.6	10.275	6.538	32.5	12.179	29.0	9.691	0.561	0.632	48.4	0.845	6.7	-4.977	3.420	-34.5	6.039
248725.7	843310.6	111.6	10.323	6.567	32.5	12.235	29.0	9.736	0.569	0.630	47.9	0.849	6.6	-5.036	3.486	-34.7	6.125
248724.7	843310.5	111.6	10.356	6.587	32.5	12.273	28.9	9.767	0.578	0.627	47.3	0.853	6.8	-5.105	3.542	-34.8	6.214
248723.7	843310.4	111.6	10.388	6.607	32.5	12.311	28.9	9.797	0.586	0.624	46.8	0.856	7.1	-5.175	3.598	-34.8	6.303
248722.7	843310.3	111.5	10.317	6.562	32.5	12.227	28.9	9.730	0.598	0.620	46.1	0.862	9.0	-5.311	3.586	-34.0	6.408
248721.7	843310.2	111.5	10.331	6.570	32.5	12.243	28.9	9.743	0.608	0.618	45.5	0.866	9.6	-5.394	3.630	-33.9	6.502
248720.7	843310.2	111.5	10.412	6.621	32.5	12.339	28.9	9.819	0.615	0.615	45.0	0.870	9.1	-5.432	3.718	-34.4	6.583
248719.7	843310.1	111.6	10.495	6.672	32.4	12.436	28.8	9.897	0.623	0.613	44.6	0.874	8.8	-5.468	3.805	-34.8	6.662
248718.7	843310.0	111.6	10.578	6.724	32.4	12.534	28.8	9.974	0.630	0.611	44.1	0.878	8.5	-5.501	3.891	-35.3	6.738
248717.7	843309.9	111.7	10.661	6.776	32.4	12.632	28.7	10.052	0.637	0.610	43.7	0.882	8.4	-5.530	3.974	-35.7	6.810
248716.7	843309.8	111.7	10.742	6.826	32.4	12.727	28.7	10.128	0.644	0.608	43.4	0.886	8.5	-5.557	4.054	-36.1	6.878
248715.7	843309.7	111.8	10.820	6.875	32.4	12.819	28.6	10.201	0.651	0.607	43.0	0.890	8.7	-5.580	4.130	-36.5	6.943
248714.8	843309.6	111.8	10.899	6.924	32.4	12.912	28.6	10.275	0.657	0.606	42.7	0.894	9.1	-5.598	4.204	-36.9	7.001
248713.8	843309.5	111.9	10.972	6.969	32.4	12.998	28.5	10.344	0.663	0.605	42.4	0.898	9.6	-5.614	4.273	-37.3	7.055
248712.8	843309.5	111.9	11.043	7.013	32.4	13.082	28.5	10.410	0.668	0.605	42.1	0.901	10.3	-5.624	4.338	-37.6	7.102
248711.8	843309.4	112.0	11.111	7.056	32.4	13.162	28.5	10.474	0.673	0.604	41.9	0.905	11.0	-5.629	4.398	-38.0	7.143
248710.8	843309.3	112.0	11.152	7.081	32.4	13.210	28.4	10.512	0.678	0.604	41.7	0.908	11.9	-5.644	4.440	-38.2	7.181
248709.8	843309.2	112.0	11.193	7.106	32.4	13.258	28.4	10.550	0.683	0.603	41.5	0.911	12.9	-5.650	4.480	-38.4	7.211
248708.8	843309.1	112.0	11.233	7.131	32.4	13.305	28.4	10.588	0.686	0.603	41.3	0.913	13.9	-5.648	4.517	-38.7	7.232
248707.8	843309.0	112.0	11.272	7.156	32.4	13.352	28.4	10.625	0.689	0.603	41.2	0.916	14.9	-5.637	4.551	-38.9	7.245
248706.8	843308.9	112.0	11.311	7.180	32.4	13.398	28.3	10.662	0.691	0.603	41.1	0.917	16.0	-5.617	4.583	-39.2	7.249
248705.8	843308.8	112.1	11.350	7.204	32.4	13.443	28.3	10.698	0.693	0.603	41.1	0.919	17.1	-5.587	4.611	-39.5	7.244
248704.8	843308.8	112.1	11.388	7.228	32.4	13.488	28.3	10.733	0.693	0.604	41.1	0.919	18.2	-5.547	4.637	-39.9	7.230
248703.8	843308.7	112.1	11.389	7.228	32.4	13.489	28.3	10.734	0.694	0.604	41.0	0.920	19.3	-5.521	4.639	-40.0	7.212
248702.8	843308.6	112.0	11.344	7.200	32.4	13.436	28.3	10.692	0.694	0.603	41.0	0.920	20.4	-5.515	4.614	-39.9	7.191
248701.8	843308.5	111.9	11.283	7.162	32.4	13.364	28.3	10.634	0.694	0.602	40.9	0.919	21.4	-5.509	4.577	-39.7	7.163
248700.8	843308.4	111.8	11.221	7.123	32.4	13.291	28.4	10.577	0.694	0.602	40.9	0.918	22.5	-5.493	4.537	-39.6	7.125
248699.8	843308.3	111.8	11.159	7.085	32.4	13.218	28.4	10.519	0.692	0.601	41.0	0.917	23.6	-5.467	4.495	-39.4	7.078
248698.8	843308.2	111.7	11.097	7.046	32.4	13.145	28.4	10.461	0.690	0.601	41.0	0.915	24.8	-5.430	4.450	-39.3	7.021

248697.8	843308.1	111.6	11.035	7.007	32.4	13.072	28.5	10.402	0.687	0.600	41.2	0.912	25.9	-5.384	4.402	-39.3	6.954
248696.8	843308.1	111.5	10.972	6.968	32.4	12.998	28.5	10.343	0.683	0.600	41.3	0.909	27.0	-5.327	4.351	-39.2	6.878
248695.8	843308.0	111.4	10.909	6.929	32.4	12.924	28.5	10.285	0.678	0.600	41.5	0.906	28.2	-5.260	4.297	-39.2	6.793
248694.8	843307.9	111.4	10.846	6.890	32.4	12.850	28.5	10.225	0.673	0.600	41.7	0.902	29.3	-5.185	4.241	-39.3	6.698
248693.8	843307.8	111.3	10.783	6.850	32.4	12.775	28.6	10.166	0.667	0.601	42.0	0.897	30.4	-5.100	4.182	-39.3	6.595
248692.8	843307.7	111.2	10.720	6.811	32.4	12.700	28.6	10.107	0.659	0.601	42.3	0.892	31.4	-5.007	4.120	-39.4	6.484
248691.8	843307.6	111.1	10.656	6.771	32.4	12.625	28.6	10.047	0.651	0.601	42.7	0.887	32.4	-4.906	4.055	-39.6	6.365
248690.8	843307.5	111.0	10.588	6.729	32.4	12.546	28.7	9.983	0.643	0.602	43.1	0.880	33.4	-4.800	3.985	-39.7	6.239
248689.8	843307.4	111.0	10.519	6.686	32.4	12.464	28.7	9.918	0.633	0.602	43.5	0.874	34.3	-4.689	3.912	-39.8	6.106
248688.9	843307.4	110.8	10.360	6.586	32.4	12.276	28.8	9.769	0.625	0.601	43.9	0.868	35.3	-4.629	3.781	-39.2	5.977
248687.9	843307.3	110.7	10.314	6.558	32.4	12.223	28.8	9.727	0.614	0.602	44.5	0.860	36.0	-4.490	3.717	-39.6	5.829
248686.9	843307.2	110.7	10.321	6.562	32.4	12.230	28.8	9.733	0.601	0.604	45.2	0.852	36.5	-4.316	3.682	-40.5	5.674
248685.9	843307.1	110.6	10.255	6.521	32.5	12.153	28.8	9.671	0.588	0.605	45.8	0.844	37.0	-4.185	3.601	-40.7	5.521
248684.9	843307.0	110.5	10.181	6.475	32.5	12.065	28.8	9.601	0.575	0.605	46.5	0.835	37.3	-4.056	3.512	-40.9	5.365
248683.9	843306.9	110.5	10.103	6.427	32.5	11.974	28.9	9.529	0.562	0.606	47.1	0.827	37.5	-3.929	3.417	-41.0	5.207
248682.9	843306.8	110.0	9.727	6.192	32.5	11.530	29.1	9.176	0.554	0.604	47.5	0.820	38.6	-3.979	3.124	-38.1	5.058
248681.9	843306.7	109.5	9.324	5.939	32.5	11.054	29.2	8.797	0.550	0.603	47.6	0.816	40.7	-4.049	2.796	-34.6	4.920
248680.9	843306.7	109.0	8.932	5.693	32.5	10.592	29.4	8.429	0.548	0.604	47.8	0.815	43.8	-4.117	2.459	-30.8	4.795
248679.9	843306.6	108.5	8.535	5.444	32.5	10.124	29.6	8.056	0.551	0.607	47.8	0.820	48.2	-4.195	2.098	-26.6	4.691
248678.9	843306.5	108.6	8.600	5.485	32.5	10.200	29.6	8.117	0.527	0.609	49.1	0.805	45.6	-3.977	2.089	-27.7	4.492
248677.9	843306.4	108.6	8.628	5.504	32.5	10.234	29.6	8.144	0.507	0.611	50.3	0.794	43.4	-3.792	2.050	-28.4	4.311
248676.9	843306.3	108.6	8.618	5.498	32.5	10.223	29.6	8.135	0.490	0.613	51.4	0.785	41.8	-3.642	1.978	-28.5	4.144
248675.9	843306.2	108.6	8.596	5.484	32.5	10.197	29.6	8.114	0.476	0.616	52.3	0.779	40.2	-3.509	1.894	-28.4	3.988
248674.9	843306.1	108.5	8.562	5.463	32.5	10.156	29.6	8.082	0.463	0.620	53.3	0.773	38.7	-3.394	1.798	-27.9	3.841
248673.9	843306.0	108.5	8.534	5.445	32.5	10.123	29.6	8.056	0.451	0.623	54.1	0.769	37.2	-3.286	1.704	-27.4	3.702
248672.9	843306.0	108.4	8.491	5.419	32.5	10.072	29.6	8.015	0.442	0.628	54.9	0.767	36.1	-3.199	1.595	-26.5	3.575
248671.9	843305.9	108.3	8.419	5.374	32.6	9.988	29.7	7.949	0.435	0.633	55.5	0.768	35.5	-3.140	1.460	-24.9	3.463
248670.9	843305.8	108.2	8.358	5.336	32.6	9.916	29.7	7.891	0.431	0.638	56.0	0.770	35.1	-3.088	1.329	-23.3	3.362
248669.9	843305.7	108.1	8.275	5.284	32.6	9.818	29.7	7.813	0.430	0.644	56.3	0.775	35.5	-3.061	1.176	-21.0	3.279
248668.9	843305.6	108.0	8.192	5.232	32.6	9.720	29.8	7.735	0.433	0.651	56.4	0.782	36.4	-3.048	1.019	-18.5	3.214
248667.9	843305.5	108.3	8.395	5.360	32.6	9.961	29.7	7.926	0.420	0.654	57.3	0.777	31.6	-2.891	1.113	-21.1	3.098
248666.9	843305.4	108.6	8.611	5.496	32.6	10.216	29.6	8.129	0.412	0.657	57.9	0.776	27.0	-2.746	1.214	-23.8	3.003
248665.9	843305.3	108.9	8.832	5.636	32.5	10.477	29.5	8.337	0.406	0.661	58.4	0.776	22.7	-2.616	1.315	-26.7	2.928
248664.9	843305.2	109.2	9.065	5.783	32.5	10.753	29.3	8.557	0.404	0.666	58.7	0.779	18.6	-2.495	1.422	-29.7	2.872
248663.9	843305.2	109.5	9.316	5.940	32.5	11.048	29.2	8.792	0.405	0.671	58.9	0.784	14.6	-2.381	1.538	-32.9	2.835
248663.0	843305.1	109.9	9.583	6.108	32.5	11.364	29.1	9.043	0.409	0.676	58.9	0.790	11.0	-2.273	1.664	-36.2	2.817
248662.0	843305.0	110.2	9.849	6.275	32.5	11.678	29.0	9.293	0.415	0.682	58.7	0.798	8.1	-2.178	1.784	-39.3	2.815
248661.0	843304.9	110.5	10.125	6.448	32.5	12.004	28.8	9.552	0.423	0.688	58.4	0.808	6.2	-2.091	1.906	-42.4	2.829
248660.0	843304.8	110.8	10.407	6.624	32.5	12.336	28.7	9.817	0.433	0.695	58.1	0.819	6.2	-2.011	2.029	-45.2	2.857
248659.0	843304.7	111.1	10.693	6.802	32.5	12.673	28.6	10.085	0.444	0.702	57.7	0.831	7.8	-1.940	2.150	-47.9	2.896
248658.0	843304.6	111.4	10.974	6.980	32.5	13.005	28.4	10.349	0.456	0.709	57.3	0.843	10.1	-1.903	2.290	-50.3	2.977
248657.0	843304.5	111.7	11.276	7.168	32.4	13.362	28.3	10.633	0.469	0.717	56.8	0.857	12.8	-1.840	2.414	-52.7	3.035
248656.0	843304.5	111.9	11.419	7.257	32.4	13.530	28.2	10.767	0.479	0.723	56.5	0.868	12.8	-1.851	2.430	-52.7	3.054
248655.0	843304.4	112.0	11.560	7.345	32.4	13.696	28.1	10.899	0.489	0.729	56.2	0.878	12.8	-1.867	2.444	-52.6	3.076
248654.0	843304.3	112.2	11.702	7.433	32.4	13.863	28.1	11.032	0.499	0.735	55.9	0.889	12.8	-1.888	2.458	-52.5	3.099
248653.0	843304.2	112.3	11.846	7.523	32.4	14.033	28.0	11.167	0.508	0.742	55.6	0.899	12.8	-1.911	2.473	-52.3	3.126
248652.0	843304.1	112.5	11.991	7.613	32.4	14.204	27.9	11.303	0.518	0.748	55.3	0.909	12.8	-1.937	2.489	-52.1	3.154
248651.0	843304.0	112.6	12.138	7.704	32.4	14.377	27.8	11.441	0.527	0.754	55.0	0.920	12.8	-1.964	2.505	-51.9	3.183
248650.0	843303.9	112.8	12.287	7.796	32.4	14.552	27.8	11.580	0.537	0.760	54.8	0.930	12.9	-1.993	2.521	-51.7	3.214
248649.0	843303.8	112.9	12.437	7.889	32.4	14.728	27.7	11.720	0.546	0.766	54.5	0.940	12.9	-2.023	2.538	-51.4	3.246
248648.0	843303.8	113.0	12.589	7.983	32.4	14.906	27.6	11.862	0.555	0.772	54.3	0.951	12.9	-2.054	2.555	-51.2	3.278
248647.0	843303.7	113.2	12.742	8.077	32.4	15.087	27.5	12.006	0.563	0.778	54.1	0.961	13.0	-2.085	2.572	-51.0	3.311
248646.0	843303.6	113.3	12.897	8.173	32.4	15.269	27.5	12.151	0.572	0.784	53.9	0.971	13.1	-2.115	2.590	-50.8	3.344
248645.0	843303.5	113.5	13.054	8.269	32.4	15.453	27.4	12.297	0.581	0.790	53.7	0.981	13.1	-2.146	2.609	-50.6	3.378
248644.0	843303.4	113.6	13.212	8.367	32.3	15.638	27.3	12.445	0.589	0.797	53.5	0.991	13.2	-2.176	2.627	-50.4	3.411
248643.0	843303.3	113.8	13.372	8.465	32.3	15.826	27.2	12.594	0.597	0.803	53.4	1.000	13.3	-2.206	2.646	-50.2	3.445
248642.0	843303.2	113.9	13.533	8.564	32.3	16.016	27.1	12.745	0.605	0.809	53.2	1.010	13.5	-2.235	2.665	-50.0	3.478
248641.0	843303.1	114.1	13.696	8.665	32.3	16.207	27.1	12.897	0.613	0.815	53.1	1.020	13.6	-2.263	2.684	-49.9	3.511
248640.0	843303.1	114.2	13.861	8.766	32.3	16.400	27.0	13.051	0.621	0.821	52.9	1.030	13.8	-2.291	2.704	-49.7	3.544
248639.0	843303.0	114.3	14.028	8.867	32.3	16.595	26.9	13.206	0.629	0.828	52.8	1.039	13.9	-2.318	2.724	-49.6	3.576
248638.0	843302.9	114.5	14.196	8.970	32.3	16.792	26.8	13.363	0.636	0.834	52.6	1.049	14.1	-2.344	2.744	-49.5	3.608
248637.1	843302.8	114.6	14.365	9.074	32.3	16.991	26.7	13.521	0.644	0.840	52.5	1.058	14.2	-2.369	2.764	-49.4	3.640
248636.1	843302.7	114.8	14.537	9.179	32.3	17.192	26.6	13.681	0.652	0.846	52.4	1.068	14.4	-2.394	2.784	-49.3	3.671
248635.1	843302.6	114.9	14.710	9.284	32.3	17.395	26.6	13.842	0.659	0.852	52.3	1.078	14.6	-2.418	2.804	-49.2	3.703
248634.1	843302.5	115.1	14.885	9.391	32.2	17.599	26.5	14.005	0.667	0.859	52.2	1.087	14.8	-2.441	2.825	-49.2	3.733
248633.1	843302.4	115.2	15.061	9.498	32.2	17.806	26.4	14.169	0.674	0.865	52.1	1.097	15.0	-2.464	2.845	-49.1	3.764
248632.1	843302.4	115.4	15.239	9.606	32.2	18.014	26.3	14.335	0.682	0.871	51.9	1.106	15.2	-2.486	2.866	-49.1	3.794
248631.1	843302.3	115.5	15.419	9.715	32.2	18.224	26.2	14.502	0.690	0.877	51.8	1.116	15.4	-2.507	2.887	-49.0	3.824
248630.1	843302.2	115.6	15.600	9.825	32.2	18.437	26.1	14.671	0.697	0.884	51.7	1.126	15.6	-2.528	2.908	-49.0	3.853
248629.1	843302.1	115.8	15.783	9.936	32.2	18.651	26.0	14.842	0.705	0.890	51.6	1.135	15.8	-2.548	2.929	-49.0	3.882
248628.1	843302.0	115.9	15.968	10.048	32.2	18.867	25.9	15.014	0.713	0.896	51.5	1.145	16.0	-2.568	2.950	-49.0	3.911
248627.1	843301.9	116.1	16.155	10.161	32.2	19.084	25.8	15.187	0.720	0.902	51.4	1.155	16.2	-2.587	2.972	-49.0	3.940
248626.1	843301.8	116.2	16.343	10.274	32.2	19.304	25.8	15.362	0.728	0.909	51.3	1.164	16.4	-2.606	2.993	-49.0	3.968
248625.1	843301.7	116.4	16.533	10.388	32.1	19.526	25.7	15.538	0.736	0.915	51.2	1.174	16.6	-2.624	3.015	-49.0	3.997
248624.1	843301.7	116.5	16.724	10.504	32.1	19.749	25.6	15.716	0.744	0.921	51.1	1.184	16.8	-2.642	3.036	-49.0	4.025
248623.1	843301.6	116.7	16.918	10.620	32.1	19.975	25.5	15.895	0.751	0.927	51.0	1.194	17.0	-2.660	3.058	-49.0	4.053
248622.1	843301.5	116.8	17.113	10.737	32.1	20.202	25.4	16.076	0.759	0.934	50.9	1.203	17.2	-2.677	3.079	-49.0	4.080
248621.1	843301.4	116.9	17.309	10.854	32.1	20.431	25.3	16.258	0.767	0.940	50.8	1.213	17.4	-2.694	3.101	-49.0	4.108
248620.1	843301.3	117.1	17.507	10.973	32.1	20.662	25.2	16.442	0.775	0.946	50.7	1.223	17.6	-2.710	3.123	-49.0	4.135
248619.1	843301.2	117.2	17.707	11.092	32.1	20.895	25.1	16.627	0.783	0.952	50.5	1.233	17.9	-2.727	3.145	-49.1	4.162
248618.1	843301.1	117.4	17.909	11.213	32.1	21.129	25.0	16.814	0.792	0.958	50.4	1.243	18.1	-2.742	3.167	-49.1	4.189
248617.1	843301.0	117.5	18.112	11.334	32.0	21.366	24.9	17.002	0.800	0.964	50.3	1.253	18.3	-2.758	3.189	-49.1	4.216
248616.1	843301.0	117.7	18.317	11.456	32.0	21.604	24.8	17.192	0.808	0.970	50.2	1.263	18.5	-2.773	3.211	-49.2	4.243
248615.1	843300.9	117.8	18.523	11.578	32.0	21.844	24.7	17.383	0.816	0.976	50.1	1.273	18.7	-2.789	3.233	-49.2	4.270
248614.1	843300.8	118.0	18.731	11.702	32.0	22.086	24.6	17.575	0.825	0.982	50.0	1.283	18.9	-2.803	3.255	-49.3	4.296
248613.1	843300.7	118.1	18.941	11.826	32.0	22.330	24.5	17.769	0.833	0.988	49.9	1.293	19.1	-2.818	3.278	-49.3	4.323
248612.1	843300.6	118.2	19.152	11.951	32.0	22.575	24.4	17.965	0.842	0.994	49.8	1.303	19.3	-2.832	3.300	-49.4	4.349

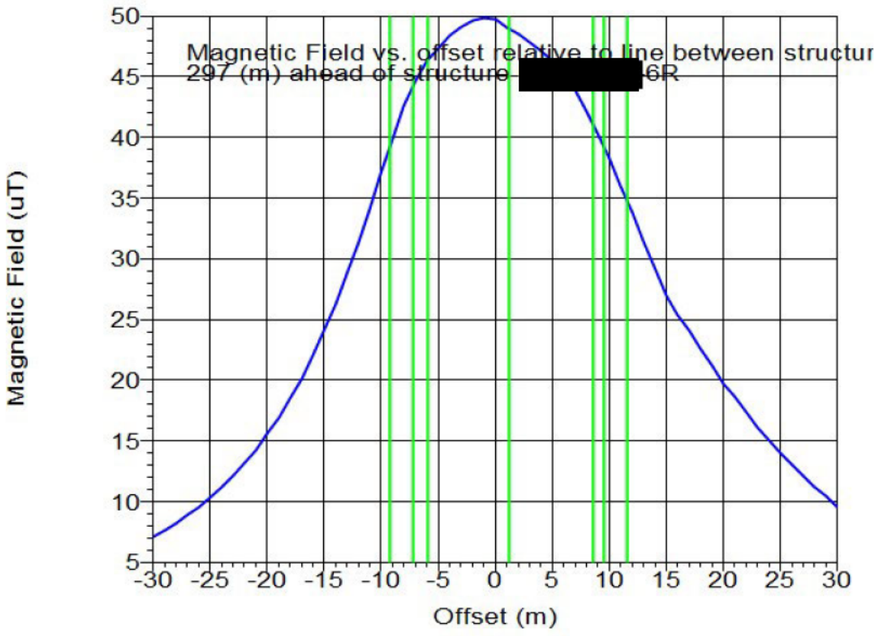
248611.2	843300.5	118.4	19.365	12.076	31.9	22.822	24.3	18.161	0.850	1.000	49.6	1.313	19.6	-2.847	3.323	-49.4	4.375
248610.2	843300.4	118.5	19.579	12.203	31.9	23.071	24.2	18.359	0.859	1.006	49.5	1.323	19.8	-2.861	3.345	-49.5	4.401
248609.2	843300.3	118.7	19.795	12.330	31.9	23.321	24.1	18.559	0.867	1.012	49.4	1.333	20.0	-2.874	3.368	-49.5	4.427
248608.2	843300.3	118.8	20.013	12.458	31.9	23.574	24.0	18.759	0.876	1.018	49.3	1.343	20.2	-2.888	3.390	-49.6	4.453
248607.2	843300.2	119.0	20.232	12.587	31.9	23.828	23.9	18.961	0.885	1.023	49.1	1.353	20.4	-2.901	3.413	-49.6	4.479
248606.2	843300.1	119.1	20.453	12.716	31.9	24.083	23.8	19.165	0.894	1.029	49.0	1.363	20.6	-2.914	3.436	-49.7	4.505
248605.2	843300.0	119.2	20.675	12.846	31.9	24.340	23.7	19.370	0.903	1.035	48.9	1.373	20.8	-2.927	3.459	-49.8	4.531
248604.2	843299.9	119.4	20.898	12.976	31.8	24.599	23.6	19.576	0.912	1.040	48.8	1.383	21.1	-2.940	3.482	-49.8	4.557
248603.2	843299.8	119.5	21.123	13.107	31.8	24.860	23.5	19.783	0.921	1.046	48.6	1.394	21.3	-2.952	3.505	-49.9	4.582
248602.2	843299.7	119.7	21.350	13.239	31.8	25.122	23.4	19.991	0.930	1.052	48.5	1.404	21.5	-2.964	3.528	-50.0	4.608
248601.2	843299.6	119.8	21.578	13.372	31.8	25.385	23.2	20.201	0.939	1.057	48.4	1.414	21.7	-2.977	3.551	-50.0	4.634
248600.2	843299.5	120.0	21.807	13.505	31.8	25.650	23.1	20.412	0.949	1.062	48.2	1.424	21.9	-2.988	3.575	-50.1	4.659
248599.2	843299.5	120.1	22.038	13.638	31.8	25.917	23.0	20.624	0.958	1.068	48.1	1.435	22.1	-3.000	3.598	-50.2	4.685
248598.2	843299.4	120.3	22.270	13.773	31.7	26.185	22.9	20.837	0.967	1.073	48.0	1.445	22.4	-3.011	3.622	-50.3	4.710
248597.2	843299.3	120.4	22.503	13.907	31.7	26.454	22.8	21.051	0.977	1.079	47.8	1.455	22.6	-3.023	3.646	-50.3	4.736
248596.2	843299.2	120.5	22.738	14.042	31.7	26.725	22.7	21.267	0.986	1.084	47.7	1.465	22.8	-3.034	3.670	-50.4	4.761
248595.2	843299.1	120.7	22.974	14.178	31.7	26.997	22.6	21.483	0.996	1.089	47.6	1.476	23.0	-3.044	3.694	-50.5	4.787
248594.2	843299.0	120.8	23.211	14.314	31.7	27.270	22.5	21.701	1.005	1.094	47.4	1.486	23.2	-3.055	3.719	-50.6	4.812
248593.2	843298.9	121.0	23.450	14.451	31.6	27.545	22.4	21.920	1.015	1.099	47.3	1.496	23.4	-3.065	3.743	-50.7	4.838
248592.2	843298.8	121.1	23.690	14.588	31.6	27.821	22.3	22.139	1.025	1.104	47.1	1.507	23.6	-3.075	3.768	-50.8	4.864
248591.2	843298.8	121.3	23.931	14.725	31.6	28.098	22.2	22.360	1.035	1.109	47.0	1.517	23.8	-3.085	3.793	-50.9	4.889
248590.2	843298.7	121.4	24.173	14.863	31.6	28.377	22.1	22.581	1.045	1.114	46.8	1.527	24.1	-3.094	3.819	-51.0	4.915
248589.2	843298.6	121.6	24.416	15.002	31.6	28.656	21.9	22.804	1.055	1.119	46.7	1.538	24.3	-3.103	3.845	-51.1	4.941
248588.2	843298.5	121.7	24.660	15.140	31.5	28.937	21.8	23.027	1.065	1.124	46.6	1.548	24.5	-3.112	3.871	-51.2	4.967
248587.2	843298.4	121.8	24.905	15.279	31.5	29.219	21.7	23.251	1.075	1.129	46.4	1.559	24.7	-3.120	3.898	-51.3	4.993
248586.2	843298.3	122.0	25.152	15.418	31.5	29.501	21.6	23.477	1.085	1.134	46.3	1.569	24.9	-3.128	3.925	-51.4	5.019
248585.3	843298.2	122.1	25.399	15.558	31.5	29.785	21.5	23.702	1.095	1.138	46.1	1.580	25.1	-3.136	3.952	-51.6	5.045
248584.3	843298.1	122.3	25.648	15.697	31.5	30.070	21.4	23.929	1.105	1.143	46.0	1.590	25.3	-3.143	3.980	-51.7	5.071
248583.3	843298.1	122.4	25.897	15.837	31.4	30.356	21.3	24.156	1.116	1.148	45.8	1.601	25.5	-3.149	4.009	-51.8	5.098
248582.3	843298.0	122.6	26.147	15.978	31.4	30.642	21.2	24.384	1.126	1.152	45.7	1.611	25.7	-3.155	4.038	-52.0	5.124
248581.3	843297.9	122.7	26.398	16.118	31.4	30.930	21.0	24.613	1.136	1.157	45.5	1.622	25.9	-3.161	4.068	-52.1	5.151
248580.3	843297.8	122.9	26.650	16.259	31.4	31.218	20.9	24.842	1.147	1.162	45.4	1.632	26.1	-3.166	4.098	-52.3	5.178
248579.3	843297.7	123.0	26.903	16.399	31.4	31.507	20.8	25.072	1.158	1.166	45.2	1.643	26.3	-3.170	4.129	-52.5	5.206
248578.3	843297.6	123.1	27.156	16.540	31.3	31.797	20.7	25.303	1.168	1.171	45.1	1.654	26.5	-3.173	4.161	-52.7	5.233
248577.3	843297.5	123.3	27.410	16.681	31.3	32.087	20.6	25.534	1.179	1.175	44.9	1.664	26.7	-3.176	4.194	-52.9	5.261
248576.3	843297.4	123.4	27.665	16.822	31.3	32.378	20.5	25.765	1.190	1.179	44.8	1.675	26.8	-3.178	4.228	-53.1	5.289
248575.3	843297.4	123.6	27.920	16.963	31.3	32.669	20.4	25.997	1.201	1.184	44.6	1.686	27.0	-3.179	4.263	-53.3	5.317
248574.3	843297.3	123.7	28.182	17.109	31.3	32.969	20.3	26.236	1.212	1.190	44.5	1.698	27.2	-3.188	4.283	-53.3	5.340
248573.3	843297.2	123.9	28.439	17.250	31.2	33.261	20.1	26.469	1.223	1.194	44.3	1.709	27.4	-3.187	4.320	-53.6	5.368
248572.3	843297.1	124.0	28.696	17.391	31.2	33.554	20.0	26.702	1.234	1.199	44.2	1.720	27.5	-3.184	4.358	-53.8	5.397
248571.3	843297.0	124.2	28.953	17.532	31.2	33.848	19.9	26.935	1.245	1.203	44.0	1.731	27.7	-3.180	4.397	-54.1	5.427
248570.3	843296.9	124.3	29.211	17.673	31.2	34.141	19.8	27.169	1.256	1.208	43.9	1.742	27.9	-3.174	4.437	-54.4	5.456
248569.3	843296.8	124.4	29.470	17.813	31.2	34.435	19.7	27.403	1.267	1.212	43.7	1.754	28.1	-3.167	4.479	-54.7	5.485
248568.3	843296.7	124.6	29.728	17.954	31.1	34.729	19.6	27.636	1.279	1.216	43.6	1.765	28.2	-3.157	4.521	-55.1	5.514
248567.3	843296.7	124.7	29.987	18.094	31.1	35.023	19.5	27.871	1.290	1.220	43.4	1.776	28.4	-3.146	4.564	-55.4	5.543
248566.3	843296.6	124.9	30.246	18.234	31.1	35.317	19.4	28.105	1.302	1.225	43.2	1.787	28.6	-3.132	4.608	-55.8	5.572
248565.3	843296.5	125.0	30.505	18.374	31.1	35.611	19.2	28.339	1.313	1.229	43.1	1.798	28.7	-3.116	4.653	-56.2	5.600
248564.3	843296.4	125.2	30.765	18.513	31.0	35.906	19.1	28.573	1.325	1.233	42.9	1.810	28.9	-3.097	4.699	-56.6	5.627
248563.3	843296.3	125.3	31.024	18.653	31.0	36.200	19.0	28.807	1.337	1.236	42.8	1.821	29.1	-3.075	4.744	-57.1	5.653
248562.3	843296.2	125.5	31.283	18.791	31.0	36.493	18.9	29.041	1.348	1.240	42.6	1.832	29.3	-3.050	4.789	-57.5	5.678
248561.3	843296.1	125.6	31.543	18.930	31.0	36.787	18.8	29.274	1.360	1.243	42.4	1.843	29.4	-3.021	4.833	-58.0	5.700
248560.3	843296.0	125.7	31.802	19.068	30.9	37.080	18.7	29.508	1.372	1.246	42.3	1.853	29.6	-2.990	4.876	-58.5	5.720
248559.4	843296.0	125.9	32.061	19.206	30.9	37.373	18.6	29.741	1.383	1.249	42.1	1.864	29.8	-2.954	4.917	-59.0	5.736
248558.4	843295.9	126.0	32.320	19.343	30.9	37.666	18.5	29.974	1.395	1.251	41.9	1.874	29.9	-2.915	4.955	-59.5	5.748
248557.4	843295.8	126.2	32.579	19.479	30.9	37.958	18.4	30.206	1.406	1.253	41.7	1.883	30.1	-2.871	4.988	-60.1	5.756
248556.4	843295.7	126.3	32.837	19.615	30.9	38.249	18.3	30.438	1.418	1.254	41.5	1.893	30.2	-2.824	5.017	-60.6	5.757
248555.4	843295.6	126.5	33.095	19.751	30.8	38.540	18.1	30.669	1.429	1.254	41.3	1.901	30.4	-2.772	5.040	-61.2	5.752
248554.4	843295.5	126.6	33.352	19.886	30.8	38.830	18.0	30.900	1.440	1.254	41.0	1.909	30.5	-2.716	5.056	-61.8	5.739
248553.4	843295.4	126.8	33.609	20.020	30.8	39.120	17.9	31.131	1.451	1.253	40.8	1.917	30.7	-2.656	5.063	-62.3	5.717
248552.4	843295.3	126.9	33.865	20.153	30.8	39.408	17.8	31.360	1.462	1.251	40.6	1.924	30.8	-2.592	5.060	-62.9	5.686
248551.4	843295.3	127.0	34.121	20.286	30.7	39.696	17.7	31.589	1.472	1.250	40.3	1.931	30.9	-2.525	5.047	-63.4	5.644
248550.4	843295.2	127.2	34.376	20.418	30.7	39.983	17.6	31.817	1.482	1.247	40.1	1.937	31.0	-2.456	5.023	-63.9	5.591
248549.4	843295.1	127.3	34.630	20.550	30.7	40.268	17.5	32.045	1.491	1.244	39.8	1.942	31.0	-2.384	4.987	-64.5	5.527
248548.4	843295.0	127.5	34.884	20.680	30.7	40.553	17.4	32.271	1.501	1.242	39.6	1.948	31.0	-2.311	4.939	-64.9	5.453
248547.4	843294.9	127.6	35.136	20.810	30.6	40.837	17.3	32.497	1.509	1.238	39.4	1.952	30.9	-2.239	4.880	-65.4	5.369
248546.4	843294.8	127.8	35.388	20.939	30.6	41.119	17.2	32.721	1.518	1.235	39.1	1.957	30.7	-2.168	4.811	-65.7	5.277
248545.4	843294.7	127.9	35.662	21.080	30.6	41.426	17.1	32.966	1.527	1.232	38.9	1.962	30.6	-2.093	4.740	-66.2	5.181
248544.4	843294.6	128.2	36.569	21.556	30.5	42.449	16.7	33.780	1.554	1.241	38.6	1.989	34.0	-1.831	4.806	-69.1	5.143
248543.4	843294.5	128.2	36.137	21.320	30.5	41.957	16.9	33.388	1.542	1.225	38.5	1.970	29.6	-1.983	4.564	-66.5	4.976
248542.4	843294.5	128.3	36.384	21.445	30.5	42.234	16.8	33.609	1.551	1.222	38.2	1.974	29.1	-1.936	4.477	-66.6	4.877
248541.4	843294.4	128.5	36.630	21.569	30.5	42.509	16.7	33.827	1.560	1.218	38.0	1.979	28.5	-1.900	4.391	-66.6	4.785
248540.4	843294.3	128.6	36.875	21.692	30.5	42.782	16.6	34.045	1.570	1.214	37.7	1.984	27.8	-1.876	4.311	-66.5	4.701
248539.4	843294.2	128.8	37.171	21.842	30.4	43.113	16.5	34.309	1.583	1.210	37.4	1.992	27.5	-1.849	4.249	-66.5	4.634
248538.4	843294.1	129.0	37.672	22.099	30.4	43.676	16.3	34.756	1.602	1.210	37.1	2.008	28.4	-1.773	4.244	-67.3	4.600
248537.4	843294.0	129.1	37.960	22.243	30.4	43.997	16.1	35.011	1.618	1.207	36.7	2.019	28.3	-1.774	4.199	-67.1	4.559
248536.4	843293.9	129.3	38.112	22.316	30.4	44.164	16.1	35.145	1.632	1.202	36.4	2.026	27.6	-1.827	4.134	-66.2	4.520
248535.4	843293.8	129.4	38.242	22.377	30.3	44.307	16.0	35.259	1.646	1.197	36.0	2.035	27.0	-1.899	4.073	-65.0	4.494
248534.4	843293.8	129.5	38.369	22.436	30.3	44.447	16.0	35.370	1.663	1.193	35.7	2.046	26.5	-1.981	4.020	-63.8	4.482
248533.5	843293.7	129.6	38.547	22.521	30.3	44.644	15.9	35.526	1.682	1.190	35.3	2.060	26.6	-2.055	3.986	-62.7	4.485
248532.5	843293.6	129.8	38.779	22.635	30.3	44.902	15.8	35.732	1.703	1.190	34.9	2.078	27.2	-2.117	3.970	-61.9	4.499
248531.5	843293.5	129.9	39.010	22.747	30.2	45.157	15.7	35.935	1.726	1.192	34.6	2.098	28.0	-2.181	3.955	-61.1	4.517
248530.5	843293.4	130.1	39.238	22.858	30.2	45.411	15.6	36.137	1.749	1.196	34.4	2.118	28.9	-2.243	3.941	-60.4	4.535
248529.5	843293.3	130.2	39.465	22.967	30.2	45.662	15.5	36.336	1.772	1.201	34.1	2.140	30.0	-2.301	3.925	-59.6	4.549
248528.5	843293.2	130.4	39.690	23.075	30.2	45.910	15.5	36.534	1.794	1.208	34.0	2.163	31.1	-2.350	3.904	-59.0	4.556
248527.5	843293.1	130.5	39.912	23.182	30.1	46.156	15.4	36.730	1.816	1.217	33.8	2.186	32.3	-2.386	3.876	-58.4	4.552
248526.5	843293.1	130.6	40.133	23.287	30.1	46.399	15.3	36.924	1.836	1.228	33.8	2.209	33.5	-2.406	3.840	-57.9	4.532
248525.5	843293.0	130.8	40.351	23.391	30.1	46.640	15.2	37.115	1.855	1.240	33.8	2.232	34.9	-2.406	3.796	-57.6	4.494

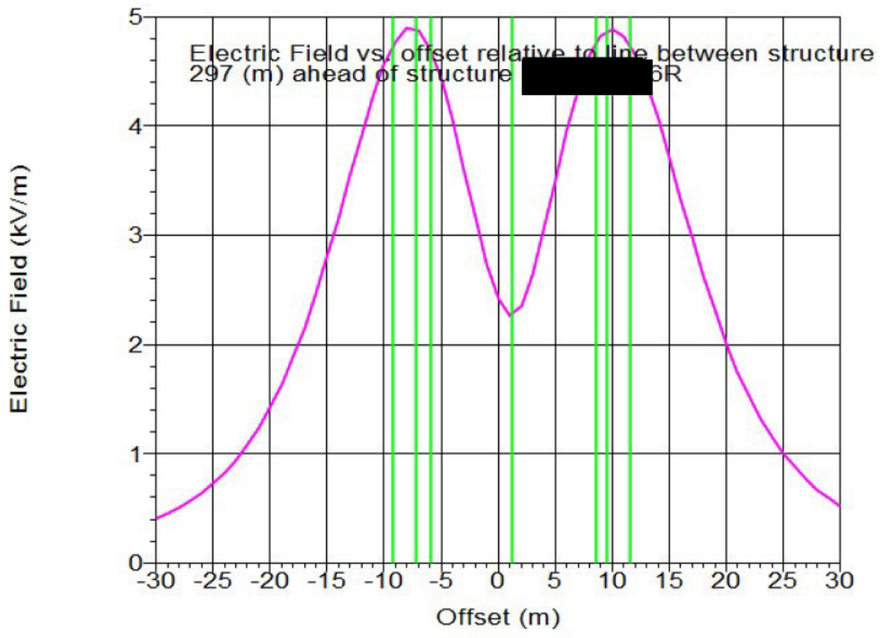
248524.5	843292.9	130.9	40.567	23.493	30.1	46.878	15.1	37.305	1.872	1.254	33.8	2.253	36.3	-2.382	3.742	-57.5	4.436
248523.5	843292.8	131.1	40.780	23.594	30.1	47.114	15.0	37.492	1.887	1.268	33.9	2.274	37.7	-2.332	3.678	-57.6	4.354
248522.5	843292.7	131.2	40.992	23.693	30.0	47.346	14.9	37.677	1.900	1.284	34.0	2.293	39.3	-2.251	3.604	-58.0	4.249
248521.5	843292.6	131.4	41.201	23.791	30.0	47.576	14.9	37.860	1.911	1.299	34.2	2.311	40.9	-2.138	3.521	-58.7	4.119
248520.5	843292.5	131.5	41.407	23.887	30.0	47.803	14.8	38.040	1.920	1.315	34.4	2.327	42.6	-1.991	3.430	-59.9	3.966
248519.5	843292.4	131.7	41.611	23.981	30.0	48.027	14.7	38.218	1.926	1.331	34.6	2.341	44.3	-1.809	3.332	-61.5	3.791
248518.5	843292.4	131.8	41.812	24.074	29.9	48.247	14.6	38.394	1.931	1.347	34.9	2.354	46.2	-1.591	3.228	-63.8	3.599
248517.5	843292.3	131.9	42.011	24.165	29.9	48.465	14.6	38.567	1.934	1.362	35.2	2.365	48.1	-1.339	3.119	-66.8	3.395
248516.5	843292.2	132.1	42.207	24.254	29.9	48.679	14.5	38.738	1.936	1.377	35.4	2.375	50.2	-1.053	3.007	-70.7	3.186
248515.5	843292.1	132.2	42.400	24.342	29.9	48.891	14.4	38.906	1.937	1.391	35.7	2.385	52.3	-0.735	2.893	-75.8	2.985
248514.5	843292.0	132.4	42.590	24.428	29.8	49.098	14.3	39.071	1.938	1.405	35.9	2.394	54.4	-0.387	2.779	-82.1	2.806
248513.5	843291.9	132.5	42.778	24.512	29.8	49.303	14.3	39.234	1.939	1.418	36.2	2.402	56.7	-0.012	2.665	-89.7	2.665
248512.5	843291.8	132.7	42.964	24.595	29.8	49.506	14.2	39.396	1.941	1.430	36.4	2.411	58.9	0.387	2.554	81.4	2.583
248511.5	843291.7	132.8	43.161	24.683	29.8	49.721	14.1	39.566	1.944	1.442	36.6	2.421	61.2	0.811	2.449	71.7	2.580
248510.5	843291.7	132.9	43.040	24.612	29.8	49.580	14.2	39.454	1.928	1.447	36.9	2.411	62.4	1.156	2.283	63.2	2.559
248509.5	843291.6	132.9	42.678	24.421	29.8	49.171	14.3	39.129	1.897	1.446	37.3	2.385	62.9	1.446	2.071	55.1	2.526
248508.5	843291.5	133.0	42.145	24.144	29.8	48.570	14.5	38.651	1.854	1.442	37.9	2.349	62.8	1.702	1.826	47.0	2.497
248507.6	843291.4	133.0	41.610	23.865	29.8	47.968	14.8	38.172	1.811	1.437	38.4	2.312	62.7	1.972	1.585	38.8	2.530
248506.6	843291.3	133.0	41.079	23.589	29.9	47.370	15.0	37.696	1.768	1.433	39.0	2.276	62.5	2.254	1.350	30.9	2.628
248505.6	843291.2	133.0	40.552	23.314	29.9	46.776	15.2	37.223	1.726	1.428	39.6	2.240	62.3	2.545	1.122	23.8	2.782
248504.6	843291.1	133.0	40.028	23.041	29.9	46.186	15.4	36.754	1.684	1.423	40.2	2.205	62.1	2.842	0.902	17.6	2.982
248503.6	843291.0	133.0	39.509	22.770	30.0	45.600	15.6	36.288	1.643	1.418	40.8	2.170	61.9	3.141	0.692	12.4	3.216
248502.6	843291.0	133.0	38.871	22.439	30.0	44.883	15.9	35.717	1.594	1.410	41.5	2.128	61.0	3.406	0.460	7.7	3.437
248501.6	843290.9	133.0	38.105	22.041	30.0	44.020	16.2	35.030	1.537	1.401	42.3	2.079	59.3	3.632	0.203	3.2	3.638
248500.6	843290.8	132.9	36.974	21.457	30.1	42.749	16.7	34.018	1.454	1.386	43.6	2.009	55.2	3.756	-0.147	-2.2	3.759
248499.6	843290.7	132.8	35.872	20.885	30.2	41.509	17.2	33.032	1.375	1.372	45.0	1.942	51.0	3.880	-0.488	-7.2	3.911
248498.6	843290.6	132.6	34.800	20.326	30.3	40.301	17.6	32.071	1.299	1.360	46.3	1.880	46.6	4.004	-0.819	-11.6	4.087
248497.6	843290.5	132.5	33.757	19.780	30.4	39.125	18.1	31.135	1.227	1.348	47.7	1.822	42.1	4.125	-1.139	-15.4	4.279
248496.6	843290.4	132.4	32.692	19.220	30.5	37.923	18.5	30.178	1.156	1.336	49.1	1.766	37.2	4.227	-1.464	-19.1	4.473
248495.6	843290.3	132.2	31.509	18.595	30.5	36.587	19.0	29.115	1.080	1.324	50.8	1.709	31.2	4.283	-1.828	-23.1	4.656
248494.6	843290.3	131.7	29.129	17.331	30.8	33.895	20.0	26.973	0.952	1.313	54.0	1.622	15.3	3.985	-2.633	-33.5	4.777
248493.6	843290.2	131.8	29.013	17.265	30.8	33.761	20.1	26.866	0.939	1.303	54.2	1.606	17.1	4.307	-2.615	-31.3	5.039
248492.6	843290.1	131.4	27.141	16.258	30.9	31.638	20.9	25.177	0.862	1.298	56.4	1.558	5.3	4.111	-3.271	-38.5	5.254
248491.6	843290.0	131.3	26.557	15.939	31.0	30.973	21.2	24.647	0.834	1.289	57.1	1.535	3.2	4.265	-3.423	-38.8	5.469
248490.6	843289.9	130.9	24.915	15.044	31.1	29.105	22.0	23.161	0.802	1.291	58.1	1.520	12.0	4.087	-4.027	-44.6	5.738
248489.6	843289.8	130.8	24.286	14.697	31.2	28.387	22.3	22.590	0.783	1.283	58.6	1.503	14.4	4.191	-4.201	-45.1	5.934
248488.6	843289.7	131.0	24.507	14.814	31.2	28.636	22.2	22.788	0.762	1.264	58.9	1.476	7.8	4.531	-3.989	-41.4	6.036
248487.6	843289.6	131.2	24.692	14.912	31.1	28.846	22.1	22.955	0.752	1.249	59.0	1.458	3.1	4.835	-3.791	-38.1	6.144
248486.6	843289.5	131.4	24.850	14.994	31.1	29.023	22.0	23.096	0.750	1.236	58.7	1.445	5.8	5.108	-3.606	-35.2	6.253
248485.6	843289.5	131.6	25.006	15.075	31.1	29.199	22.0	23.236	0.756	1.225	58.3	1.439	11.0	5.359	-3.423	-32.6	6.358
248484.6	843289.4	131.8	25.178	15.164	31.1	29.392	21.9	23.389	0.768	1.216	57.7	1.438	16.4	5.593	-3.234	-30.0	6.461
248483.6	843289.3	132.0	25.358	15.258	31.0	29.594	21.8	23.550	0.787	1.209	56.9	1.442	21.7	5.810	-3.046	-27.7	6.560
248482.6	843289.2	131.9	24.742	14.920	31.1	28.892	22.1	22.991	0.762	1.201	57.6	1.422	19.6	5.807	-3.192	-28.8	6.626
248481.7	843289.1	131.7	23.794	14.399	31.2	27.812	22.6	22.132	0.722	1.195	58.9	1.396	14.8	5.704	-3.491	-31.5	6.687
248480.7	843289.0	131.5	22.941	13.928	31.3	26.838	23.0	21.357	0.692	1.191	59.8	1.377	11.9	5.607	-3.764	-33.9	6.754
248479.7	843288.9	131.4	22.248	13.544	31.3	26.046	23.4	20.727	0.673	1.188	60.5	1.366	11.6	5.537	-3.978	-35.7	6.818
248478.7	843288.8	131.2	21.579	13.171	31.4	25.280	23.7	20.118	0.660	1.186	60.9	1.358	13.0	5.456	-4.192	-37.5	6.881
248477.7	843288.8	131.1	20.932	12.809	31.5	24.540	24.0	19.528	0.653	1.186	61.2	1.354	15.7	5.364	-4.407	-39.4	6.943
248476.7	843288.7	131.0	20.386	12.503	31.5	23.915	24.3	19.031	0.651	1.186	61.2	1.353	18.7	5.283	-4.582	-40.9	6.993
248475.7	843288.6	131.0	20.128	12.357	31.5	23.619	24.5	18.795	0.653	1.183	61.1	1.351	19.8	5.267	-4.615	-41.2	7.003
248474.7	843288.5	131.1	19.912	12.234	31.6	23.370	24.6	18.597	0.656	1.180	60.9	1.350	20.7	5.246	-4.630	-41.4	6.997
248473.7	843288.4	131.1	19.697	12.112	31.6	23.123	24.8	18.400	0.661	1.177	60.7	1.350	21.7	5.210	-4.648	-41.7	6.982
248472.7	843288.3	131.2	19.481	11.990	31.6	22.875	24.9	18.204	0.668	1.175	60.4	1.351	22.8	5.158	-4.670	-42.2	6.958
248471.7	843288.2	131.2	19.266	11.869	31.6	22.629	25.0	18.007	0.676	1.173	60.1	1.354	24.0	5.091	-4.695	-42.7	6.926
248470.7	843288.1	131.3	19.052	11.748	31.7	22.382	25.2	17.811	0.685	1.172	59.7	1.358	25.2	5.010	-4.724	-43.3	6.886
248469.7	843288.1	131.4	18.987	11.711	31.7	22.308	25.3	17.752	0.695	1.169	59.3	1.360	25.2	4.959	-4.673	-43.3	6.813
248468.7	843288.0	131.5	18.965	11.699	31.7	22.283	25.3	17.732	0.705	1.166	58.8	1.362	25.1	4.909	-4.599	-43.1	6.727
248467.7	843287.9	131.7	19.085	11.766	31.7	22.421	25.3	17.842	0.715	1.161	58.4	1.363	24.1	4.890	-4.450	-42.3	6.612
248466.7	843287.8	131.9	19.203	11.833	31.6	22.556	25.3	17.950	0.727	1.157	57.8	1.366	23.3	4.861	-4.303	-41.5	6.492
248465.7	843287.7	132.1	19.319	11.899	31.6	22.690	25.3	18.056	0.740	1.153	57.3	1.370	22.8	4.823	-4.158	-40.8	6.368
248464.7	843287.6	132.3	19.433	11.963	31.6	22.820	25.3	18.160	0.754	1.150	56.8	1.375	22.5	4.777	-4.014	-40.0	6.239
248463.7	843287.5	132.6	19.587	12.050	31.6	22.997	25.3	18.300	0.769	1.147	56.2	1.381	22.3	4.736	-3.848	-39.1	6.102
248462.7	843287.4	132.8	19.778	12.159	31.6	23.216	25.2	18.475	0.786	1.144	55.5	1.388	22.3	4.700	-3.661	-37.9	5.957
248461.7	843287.4	133.1	19.967	12.266	31.6	23.434	25.2	18.648	0.803	1.141	54.8	1.395	22.7	4.659	-3.471	-36.7	5.810
248460.7	843287.3	133.3	20.155	12.373	31.5	23.650	25.2	18.820	0.822	1.137	54.1	1.403	23.5	4.613	-3.278	-35.4	5.659
248459.7	843287.2	133.5	20.340	12.480	31.5	23.864	25.1	18.990	0.841	1.134	53.4	1.411	24.5	4.562	-3.080	-34.0	5.505
248458.7	843287.1	133.8	20.523	12.585	31.5	24.075	25.1	19.158	0.861	1.129	52.7	1.420	25.8	4.508	-2.877	-32.6	5.348
248457.7	843287.0	134.0	20.702	12.690	31.5	24.282	25.1	19.323	0.881	1.124	51.9	1.428	27.3	4.449	-2.668	-31.0	5.188
248456.7	843286.9	134.3	20.876	12.793	31.5	24.484	25.1	19.484	0.901	1.119	51.1	1.437	29.0	4.389	-2.452	-29.2	5.027
248455.8	843286.8	134.5	21.045	12.894	31.5	24.681	25.1	19.641	0.922	1.113	50.4	1.445	30.9	4.325	-2.229	-27.3	4.866
248454.8	843286.7	134.8	21.208	12.994	31.5	24.872	25.1	19.793	0.943	1.106	49.6	1.453	33.0	4.260	-1.999	-25.1	4.706
248453.8	843286.7	135.0	21.363	13.092	31.5	25.056	25.0	19.939	0.964	1.099	48.8	1.462	35.3	4.194	-1.761	-22.8	4.549
248452.8	843286.6	135.3	21.510	13.188	31.5	25.231	25.0	20.078	0.984	1.091	48.0	1.469	37.8	4.127	-1.518	-20.2	4.398
248451.8	843286.5	135.5	21.647	13.281	31.5	25.396	25.0	20.209	1.003	1.084	47.2	1.477	40.4	4.060	-1.269	-17.4	4.254
248450.8	843286.4	135.8	21.771	13.371	31.6	25.550	25.0	20.332	1.022	1.076	46.5	1.484	43.2	3.993	-1.015	-14.3	4.120
248449.8	843286.3	136.0	21.883	13.458	31.6	25.690	25.0	20.443	1.040	1.069	45.8	1.491	46.1	3.927	-0.757	-10.9	3.999
248448.8	843286.2	136.2	21.890	13.495	31.7	25.715	25.0	20.464	1.051	1.061	45.3	1.493	48.5	3.832	-0.533	-7.9	3.869
248447.8	843286.1	136.3	21.535	13.346	31.8	25.335	25.2	20.161	1.036	1.048	45.3	1.474	48.5	3.630	-0.448	-7.0	3.658
248446.8	843286.0	136.3	20.975	13.094	32.0	24.727	25.4	19.677	1.007	1.033	45.7	1.442	47.1	3.370	-0.438	-7.4	3.398
248445.8	843286.0	136.3	20.412	12.845	32.2	24.117	25.7	19.192	0.976	1.017	46.2	1.410	45.8	3.113	-0.422	-7.7	3.141
248444.8	843285.9	136.3	19.845	12.599	32.4	23.506	25.8	18.706	0.943	1.001	46.7	1.375	44.6	2.861	-0.400	-8.0	2.889
248443.8	843285.8	136.3	19.275	12.355	32.7	22.895	25.9	18.220	0.907	0.984	47.4	1.338	43.5	2.615	-0.375	-8.2	2.642
248442.8	843285.7	136.3	18.706	12.115	32.9	22.286	26.0	17.735	0.868	0.968	48.1	1.300	42.6	2.377	-0.346	-8.3	2.402
248441.8	843285.6	136.3	18.138	11.877	33.2	21.680	25.9	17.253	0.827	0.951	49.0	1.260	41.7	2.147	-0.314	-8.3	2.170
248440.8	843285.5	136.3	17.575	11.642	33.5	21.081	25.8	16.776	0.783	0.934	50.0	1.219	40.9	1.927	-0.280	-8.3	1.947
248439.8	843285.4	136.3	17.020	11.411	33.8	20.491	25.5	16.307	0.736	0.917	51.2	1.176	40.1	1.716	-0.244	-8.1	1.733
248438.8	843285.3	136.3	16.480	11.182	34.2	19.915	25.2	15.848	0.688	0.900	52.6	1.133	39.4	1.516	-0.208	-7.8	1.530

248437.8	843285.3	136.3	15.958	10.958	34.5	19.358	24.7	15.404	0.637	0.883	54.2	1.089	38.7	1.326	-0.171	-7.3	1.337
248436.8	843285.2	136.3	15.460	10.737	34.8	18.823	24.0	14.979	0.586	0.867	56.0	1.046	37.9	1.148	-0.134	-6.6	1.156
248435.8	843285.1	136.3	14.993	10.522	35.1	18.317	23.3	14.576	0.533	0.851	57.9	1.004	37.0	0.981	-0.096	-5.6	0.986
248434.8	843285.0	136.3	14.561	10.313	35.3	17.843	22.4	14.199	0.481	0.836	60.1	0.965	35.9	0.826	-0.059	-4.1	0.828
248433.8	843284.9	136.3	14.169	10.111	35.5	17.407	21.5	13.852	0.430	0.823	62.4	0.929	34.7	0.682	-0.022	-1.8	0.682
248432.8	843284.8	136.3	13.823	9.918	35.7	17.013	20.4	13.538	0.380	0.812	64.9	0.896	33.3	0.548	0.016	1.7	0.549
248431.8	843284.7	136.3	13.524	9.736	35.8	16.664	19.4	13.260	0.332	0.803	67.6	0.869	31.6	0.425	0.055	7.3	0.429
248430.9	843284.6	136.3	13.274	9.566	35.8	16.362	18.3	13.020	0.286	0.798	70.2	0.848	29.8	0.312	0.094	16.8	0.326
248429.9	843284.6	136.3	13.074	9.411	35.7	16.109	17.3	12.819	0.246	0.796	72.9	0.834	27.7	0.208	0.136	33.1	0.249
248428.9	843284.5	136.3	12.922	9.273	35.7	15.905	16.4	12.657	0.211	0.800	75.2	0.827	25.5	0.112	0.180	58.1	0.212
248427.9	843284.4	136.3	12.817	9.154	35.5	15.750	15.6	12.533	0.187	0.809	77.0	0.830	23.1	0.022	0.226	84.5	0.228
248426.9	843284.3	136.3	12.754	9.056	35.4	15.642	15.0	12.448	0.177	0.823	77.9	0.842	20.7	-0.063	0.277	-77.3	0.284

Max BF along centerline is 49.721 (uT) at 297.000 (m) from structure [redacted]-6R

Cross section results at max BF along centerline between structures [redacted]-6R and [redacted]-6A





3D EMF Point Results Span from [redacted]-6R to [redacted]-6A:

Measurement			B					H	EF					Space Potential			
X (m)	Y (m)	Z (m)	Real (uT)	Imaginary (uT)	Angle (deg)	Magnitude (uT)	Polarization Axial Ratio %	Magnitude (A/m)	Real (kV/m)	Imaginary (kV/m)	Angle (deg)	Magnitude (kV/m)	Polarization Axial Ratio %	Real (kV)	Imaginary (kV)	Angle (deg)	Magnitude (kV)
248514.2	843263.9	129.8	6.755	4.736	35.0	8.250	45.8	6.565	0.181	0.474	69.1	0.507	12.3	-0.406	0.201	-26.3	0.453
248513.9	843264.8	130.0	7.310	5.046	34.6	8.883	45.7	7.069	0.242	0.517	65.0	0.571	11.5	-0.458	0.167	-20.1	0.487
248513.8	843265.8	130.1	7.925	5.380	34.2	9.578	45.5	7.622	0.315	0.562	60.8	0.644	10.6	-0.506	0.123	-13.7	0.521
248513.7	843266.8	130.3	8.605	5.741	33.7	10.344	45.2	8.232	0.402	0.609	56.6	0.730	9.7	-0.550	0.068	-7.1	0.554
248513.6	843267.8	130.4	9.360	6.130	33.2	11.188	44.9	8.903	0.507	0.657	52.4	0.830	8.7	-0.584	0.001	-0.1	0.584
248513.6	843268.8	130.5	10.198	6.548	32.7	12.120	44.5	9.644	0.631	0.705	48.2	0.946	7.6	-0.605	-0.079	7.4	0.610
248513.5	843269.8	130.7	11.131	6.999	32.2	13.148	43.9	10.463	0.777	0.753	44.1	1.082	6.5	-0.606	-0.173	15.9	0.630
248513.4	843270.8	130.8	12.168	7.483	31.6	14.285	43.3	11.368	0.948	0.799	40.1	1.240	5.5	-0.580	-0.281	25.9	0.645
248513.3	843271.8	131.0	13.324	8.004	31.0	15.543	42.5	12.369	1.148	0.843	36.3	1.424	4.4	-0.518	-0.403	37.9	0.656
248513.2	843272.8	131.1	14.610	8.561	30.4	16.934	41.6	13.476	1.379	0.881	32.6	1.636	3.4	-0.409	-0.537	52.7	0.675
248513.1	843273.8	131.3	16.042	9.158	29.7	18.472	40.6	14.699	1.643	0.914	29.1	1.880	2.6	-0.240	-0.681	70.6	0.722
248513.0	843274.8	131.4	17.633	9.795	29.1	20.171	39.5	16.051	1.942	0.938	25.8	2.156	2.1	0.004	-0.832	-89.7	0.832
248512.9	843275.8	131.6	19.395	10.474	28.4	22.042	38.2	17.541	2.274	0.952	22.7	2.465	2.0	0.337	-0.984	-71.1	1.040
248512.9	843276.8	131.7	21.340	11.194	27.7	24.097	36.8	19.176	2.636	0.953	19.9	2.803	2.4	0.773	-1.132	-55.7	1.371
248512.8	843277.8	131.9	23.472	11.958	27.0	26.343	35.2	20.963	3.022	0.941	17.3	3.166	2.9	1.323	-1.268	-43.8	1.833
248512.7	843278.8	132.0	25.791	12.764	26.3	28.777	33.6	22.900	3.420	0.915	15.0	3.540	3.4	1.993	-1.384	-34.8	2.426
248512.6	843279.8	132.2	28.282	13.614	25.7	31.388	31.8	24.978	3.813	0.873	12.9	3.912	3.9	2.773	-1.469	-27.9	3.138
248512.5	843280.8	132.3	30.915	14.507	25.1	34.149	29.9	27.175	4.180	0.817	11.1	4.259	4.4	3.642	-1.514	-22.6	3.945
248512.4	843281.8	132.5	33.643	15.443	24.7	37.018	28.0	29.458	4.494	0.749	9.5	4.556	5.0	4.563	-1.509	-18.3	4.806
248512.3	843282.8	132.6	36.394	16.425	24.3	39.929	26.0	31.774	4.730	0.673	8.1	4.777	5.5	5.476	-1.442	-14.8	5.662
248512.2	843283.8	132.8	38.932	17.411	24.1	42.648	24.0	33.938	4.857	0.595	7.0	4.893	6.2	6.174	-1.292	-11.8	6.307
248512.2	843284.8	132.8	40.780	18.299	24.2	44.697	22.1	35.569	4.843	0.518	6.1	4.870	7.0	6.294	-1.033	-9.3	6.378
248512.1	843285.8	132.8	42.082	19.149	24.5	46.234	20.3	36.792	4.687	0.465	5.7	4.709	8.3	6.032	-0.705	-6.7	6.073
248512.0	843286.8	132.9	43.014	20.021	25.0	47.445	18.8	37.756	4.402	0.466	6.0	4.427	10.3	5.556	-0.323	-3.3	5.565
248511.9	843287.8	132.9	43.614	20.925	25.6	48.374	17.3	38.494	4.011	0.544	7.7	4.048	13.5	4.896	0.117	1.4	4.898
248511.8	843288.8	132.9	43.928	21.868	26.5	49.070	16.1	39.049	3.541	0.695	11.1	3.609	18.7	4.080	0.621	8.7	4.127
248511.7	843289.8	132.9	44.018	22.857	27.4	49.598	15.1	39.469	3.023	0.903	16.6	3.155	27.2	3.137	1.196	20.9	3.358
248511.6	843290.7	132.9	43.790	23.826	28.6	49.852	14.4	39.671	2.483	1.156	25.0	2.739	40.8	2.037	1.824	41.8	2.734
248511.5	843291.7	132.8	43.161	24.683	29.8	49.721	14.1	39.566	1.944	1.442	36.6	2.421	61.2	0.811	2.449	71.7	2.580
248511.5	843292.7	132.7	42.045	25.301	31.0	49.070	14.3	39.049	1.430	1.756	50.8	2.265	71.9	-0.442	2.971	-81.5	3.004
248511.4	843293.7	132.5	41.006	25.921	32.3	48.512	14.6	38.605	1.054	2.100	63.4	2.349	50.0	-1.505	3.468	-66.5	3.781
248511.3	843294.7	132.4	39.899	26.437	33.5	47.863	15.2	38.088	0.944	2.461	69.0	2.636	30.3	-2.395	3.881	-58.3	4.560
248511.2	843295.7	132.2	38.736	26.828	34.7	47.119	16.1	37.496	1.143	2.826	68.0	3.048	18.0	-3.100	4.191	-53.5	5.213
248511.1	843296.7	132.1	37.485	27.049	35.8	46.226	17.2	36.785	1.492	3.176	64.8	3.509	10.7	-3.615	4.371	-50.4	5.672
248511.0	843297.7	132.0	36.120	27.056	36.8	45.130	18.5	35.913	1.866	3.489	61.9	3.957	6.5	-3.940	4.398	-48.1	5.905
248510.9	843298.7	131.8	34.623	26.815	37.8	43.792	19.9	34.849	2.210	3.743	59.4	4.347	4.0	-4.079	4.257	-46.2	5.896
248510.8	843299.7	131.7	32.990	26.306	38.6	42.195	21.5	33.577	2.498	3.915	57.5	4.644	2.5	-4.044	3.949	-44.3	5.652
248510.7	843300.7	131.5	31.238	25.535	39.3	40.347	23.1	32.107	2.716	3.991	55.8	4.827	1.7	-3.854	3.491	-42.2	5.200
248510.7	843301.7	131.4	29.398	24.525	39.8	38.284	24.9	30.466	2.856	3.963	54.2	4.885	1.2	-3.537	2.916	-39.5	4.584
248510.6	843302.7	131.3	27.510	23.321	40.3	36.065	26.7	28.700	2.920	3.836	52.7	4.821	1.0	-3.125	2.271	-36.0	3.863
248510.5	843303.7	131.1	25.620	21.977	40.6	33.755	28.5	26.861	2.915	3.620	51.2	4.648	0.8	-2.655	1.605	-31.2	3.103
248510.4	843304.7	131.0	23.769	20.550	40.8	31.421	30.2	25.004	2.850	3.337	49.5	4.388	0.7	-2.160	0.966	-24.1	2.366

248510.3	843305.7	130.8	21.989	19.092	41.0	29.121	32.0	23.174	2.738	3.007	47.7	4.067	0.7	-1.669	0.389	-13.1	1.714
248510.2	843306.7	130.7	20.347	17.694	41.0	26.964	33.6	21.458	2.592	2.654	45.7	3.710	0.8	-1.258	-0.043	2.0	1.259
248510.1	843307.7	130.8	19.112	16.678	41.1	25.365	35.2	20.185	2.425	2.297	43.5	3.340	1.0	-1.297	0.000	-0.0	1.297
248510.0	843308.7	130.9	18.080	15.833	41.2	24.033	36.8	19.125	2.246	1.951	41.0	2.975	1.5	-1.558	0.217	-7.9	1.573
248510.0	843309.7	131.1	17.034	14.918	41.2	22.643	38.3	18.019	2.061	1.627	38.3	2.626	2.2	-1.728	0.314	-10.3	1.757
248509.9	843310.7	131.2	15.971	13.938	41.1	21.197	39.8	16.868	1.878	1.331	35.3	2.302	2.9	-1.782	0.296	-9.4	1.807
248509.8	843311.7	131.3	14.890	12.901	40.9	19.701	41.1	15.678	1.700	1.069	32.2	2.008	3.4	-1.704	0.183	-6.1	1.714
248509.7	843312.7	131.6	14.136	12.206	40.8	18.677	42.5	14.863	1.533	0.843	28.8	1.750	5.2	-2.010	0.277	-7.8	2.029
248509.6	843313.7	131.7	13.216	11.300	40.5	17.388	43.7	13.837	1.375	0.648	25.2	1.520	6.1	-1.958	0.158	-4.6	1.964
248509.5	843314.7	131.8	12.354	10.445	40.2	16.178	44.8	12.874	1.228	0.485	21.5	1.320	7.1	-1.887	0.036	-1.1	1.888
248509.4	843315.7	131.9	11.549	9.645	39.9	15.047	45.7	11.974	1.093	0.350	17.7	1.148	8.0	-1.803	-0.084	2.7	1.805
248509.3	843316.6	132.0	10.811	8.912	39.5	14.011	46.5	11.150	0.970	0.242	14.0	1.000	9.2	-1.728	-0.193	6.4	1.739
248509.3	843317.6	132.2	10.130	8.239	39.1	13.058	47.2	10.391	0.858	0.160	10.5	0.873	10.5	-1.653	-0.296	10.1	1.679
248509.2	843318.6	132.3	9.485	7.605	38.7	12.157	47.8	9.674	0.757	0.105	7.9	0.764	11.6	-1.553	-0.393	14.2	1.602
248509.1	843319.6	132.4	8.847	6.984	38.3	11.271	48.2	8.970	0.665	0.081	7.0	0.670	12.2	-1.392	-0.476	18.9	1.471
248509.0	843320.6	132.3	8.229	6.392	37.8	10.420	48.4	8.292	0.583	0.086	8.4	0.589	12.2	-1.198	-0.535	24.0	1.312
248508.9	843321.6	132.2	7.637	5.836	37.4	9.611	48.5	7.648	0.508	0.103	11.5	0.519	11.5	-0.989	-0.563	29.7	1.138

Centerline results between structures [redacted]-6A and [redacted]-7R

3D EMF Point Results Centerline from [redacted]-6A to [redacted]-7R:

Measurement			B					H	EF					Space Potential			
X (m)	Y (m)	Z (m)	Real (uT)	Imaginary (uT)	Angle (deg)	Magnitude (uT)	Polarization Axial Ratio %	Magnitude (A/m)	Real (kV/m)	Imaginary (kV/m)	Angle (deg)	Magnitude (kV/m)	Polarization Axial Ratio %	Real (kV)	Imaginary (kV)	Angle (deg)	Magnitude (kV)
248425.8	843284.2	136.3	12.729	8.980	35.2	15.578	14.5	12.397	0.186	0.846	77.6	0.866	18.2	-0.146	0.333	-66.4	0.364
248425.2	843283.4	136.3	12.663	8.990	35.4	15.530	14.9	12.358	0.169	0.822	78.3	0.839	19.8	-0.097	0.315	-72.8	0.330
248424.6	843282.6	136.3	12.633	9.024	35.5	15.525	15.4	12.354	0.171	0.804	78.0	0.822	21.2	-0.051	0.304	-80.5	0.308
248424.0	843281.8	136.3	12.641	9.080	35.7	15.564	16.1	12.386	0.187	0.792	76.7	0.814	22.5	-0.004	0.298	-89.2	0.298
248423.4	843281.0	136.3	12.693	9.154	35.8	15.649	17.0	12.453	0.215	0.786	74.7	0.815	23.5	0.043	0.297	81.7	0.300
248422.8	843280.2	136.3	12.789	9.244	35.9	15.780	18.0	12.557	0.249	0.784	72.4	0.823	24.4	0.092	0.300	72.9	0.314
248422.2	843279.5	136.3	12.931	9.348	35.9	15.956	19.1	12.697	0.289	0.786	69.8	0.837	25.0	0.144	0.305	64.8	0.337
248421.5	843278.7	136.3	13.118	9.464	35.8	16.176	20.2	12.872	0.332	0.791	67.2	0.857	25.3	0.198	0.312	57.6	0.370
248420.9	843277.9	136.3	13.349	9.590	35.7	16.437	21.4	13.080	0.377	0.797	64.7	0.882	25.5	0.256	0.320	51.4	0.410
248420.3	843277.1	136.3	13.621	9.722	35.5	16.735	22.4	13.317	0.424	0.806	62.3	0.910	25.5	0.317	0.328	46.0	0.456
248419.7	843276.3	136.3	13.930	9.861	35.3	17.067	23.4	13.582	0.471	0.815	60.0	0.941	25.4	0.382	0.335	41.3	0.508
248419.1	843275.5	136.3	14.271	10.004	35.0	17.428	24.3	13.869	0.519	0.825	57.8	0.975	25.2	0.450	0.341	37.2	0.565
248418.5	843274.7	136.3	14.638	10.151	34.7	17.813	25.0	14.175	0.567	0.835	55.8	1.010	24.8	0.521	0.345	33.5	0.625
248417.9	843273.9	136.3	15.025	10.300	34.4	18.216	25.7	14.496	0.614	0.846	54.0	1.045	24.5	0.595	0.347	30.2	0.689
248417.2	843273.1	136.3	15.427	10.450	34.1	18.634	26.2	14.828	0.659	0.856	52.4	1.080	24.0	0.672	0.346	27.2	0.756
248416.6	843272.4	136.3	15.839	10.602	33.8	19.060	26.5	15.167	0.703	0.866	51.0	1.115	23.6	0.751	0.342	24.5	0.825
248416.0	843271.6	136.3	16.256	10.755	33.5	19.491	26.8	15.511	0.744	0.876	49.7	1.149	23.2	0.832	0.335	21.9	0.897
248415.4	843270.8	136.3	16.673	10.908	33.2	19.924	27.0	15.855	0.782	0.886	48.5	1.182	22.7	0.915	0.325	19.6	0.971
248414.8	843270.0	136.3	17.087	11.061	32.9	20.355	27.0	16.198	0.818	0.895	47.6	1.213	22.3	0.999	0.313	17.4	1.046
248414.2	843269.2	136.3	17.496	11.215	32.7	20.782	27.0	16.538	0.852	0.904	46.7	1.242	21.9	1.083	0.297	15.4	1.124
248413.6	843268.4	136.3	17.897	11.369	32.4	21.203	27.0	16.873	0.882	0.912	46.0	1.269	21.5	1.169	0.280	13.5	1.202
248412.9	843267.6	136.3	18.290	11.523	32.2	21.617	26.9	17.203	0.910	0.920	45.3	1.294	21.2	1.254	0.261	11.7	1.281
248412.3	843266.8	136.3	18.674	11.677	32.0	22.024	26.7	17.526	0.935	0.928	44.8	1.318	20.8	1.340	0.240	10.2	1.361
248411.7	843266.0	136.3	19.048	11.830	31.8	22.422	26.5	17.843	0.958	0.936	44.3	1.339	20.5	1.424	0.219	8.7	1.441
248411.1	843265.2	136.6	20.154	12.376	31.6	23.651	25.9	18.821	1.009	0.952	43.3	1.387	27.3	1.811	0.488	15.1	1.875
248410.5	843264.5	136.6	20.581	12.567	31.4	24.115	25.7	19.190	1.031	0.959	42.9	1.408	27.6	1.920	0.491	14.3	1.982
248409.9	843263.7	136.5	20.685	12.592	31.3	24.216	25.5	19.271	1.038	0.962	42.8	1.415	25.1	1.900	0.377	11.2	1.937
248409.3	843262.9	136.4	20.806	12.632	31.3	24.340	25.4	19.369	1.045	0.965	42.7	1.423	22.8	1.887	0.274	8.3	1.906
248408.7	843262.1	136.4	20.966	12.695	31.2	24.510	25.2	19.505	1.054	0.969	42.6	1.432	21.1	1.888	0.193	5.8	1.897
248408.0	843261.3	136.3	21.243	12.824	31.1	24.814	25.0	19.747	1.068	0.973	42.3	1.445	20.5	1.934	0.162	4.8	1.941
248407.4	843260.5	136.3	21.513	12.952	31.1	25.111	24.8	19.983	1.081	0.977	42.1	1.457	20.0	1.975	0.134	3.9	1.980
248406.8	843259.7	136.3	21.775	13.079	31.0	25.401	24.6	20.213	1.094	0.981	41.9	1.469	19.6	2.010	0.109	3.1	2.013
248406.2	843258.9	136.3	22.030	13.205	30.9	25.684	24.3	20.439	1.107	0.984	41.6	1.481	19.2	2.038	0.086	2.4	2.040
248405.6	843258.1	136.3	22.298	13.339	30.9	25.984	24.1	20.677	1.120	0.987	41.4	1.493	19.0	2.067	0.074	2.1	2.069
248405.0	843257.4	136.3	22.538	13.461	30.8	26.252	23.9	20.891	1.134	0.990	41.1	1.505	18.6	2.080	0.056	1.6	2.081
248404.4	843256.6	136.2	22.692	13.538	30.8	26.424	23.8	21.027	1.144	0.991	40.9	1.514	17.5	2.053	0.012	0.3	2.053
248403.7	843255.8	136.2	22.955	13.675	30.8	26.719	23.5	21.263	1.160	0.994	40.6	1.527	17.5	2.065	0.012	0.3	2.065
248403.1	843255.0	136.2	23.219	13.813	30.7	27.017	23.3	21.500	1.175	0.996	40.3	1.541	17.5	2.073	0.016	0.4	2.073
248402.5	843254.2	136.2	23.481	13.950	30.7	27.312	23.1	21.734	1.192	0.998	39.9	1.554	17.5	2.076	0.021	0.6	2.076
248401.9	843253.4	136.2	23.703	14.068	30.7	27.563	23.0	21.934	1.207	1.000	39.6	1.567	17.2	2.059	0.016	0.4	2.059
248401.3	843252.6	136.1	23.901	14.174	30.7	27.788	22.8	22.113	1.222	1.002	39.3	1.580	16.7	2.030	0.005	0.1	2.030
248400.7	843251.8	136.1	24.176	14.320	30.6	28.099	22.6	22.360	1.239	1.004	39.0	1.595	16.9	2.030	0.022	0.6	2.030
248400.1	843251.0	136.2	24.545	14.516	30.6	28.516	22.4	22.692	1.259	1.008	38.7	1.613	17.8	2.069	0.072	2.0	2.070
248399.4	843250.2	136.2	24.995	14.755	30.6	29.025	22.1	23.098	1.282	1.012	38.3	1.633	19.4	2.141	0.149	4.0	2.147
248398.8	843249.5	136.3	25.328	14.932	30.5	29.402	21.9	23.397	1.300	1.015	38.0	1.649	20.1	2.168	0.187	4.9	2.176
248398.2	843248.7	136.3	25.629	15.093	30.5	29.743	21.7	23.669	1.316	1.019	37.7	1.664	20.5	2.186	0.215	5.6	2.197
248397.6	843247.9	136.3	26.051	15.317	30.5	30.220	21.5	24.048	1.335	1.024	37.5	1.682	22.0	2.258	0.281	7.1	2.276
248397.0	843247.1	136.3	26.338	15.471	30.4	30.546	21.3	24.308	1.349	1.027	37.3	1.695	22.4	2.283	0.304	7.6	2.303
248396.4	843246.3	136.3	26.536	15.578	30.4	30.771	21.2	24.487	1.358	1.030	37.2	1.704	22.3	2.279	0.299	7.5	2.299
248395.8	843245.5	136.3	26.707	15.671	30.4	30.965	21.1	24.641	1.365	1.032	37.1	1.712	22.0	2.275	0.286	7.2	2.293
248395.2	843244.7	136.2	26.844	15.746	30.4	31.121	21.0	24.765	1.370	1.034	37.1	1.716	21.6	2.267	0.263	6.6	2.283
248394.5	843243.9	136.2	27.159	15.914	30.4	31.478	20.8	25.049	1.378	1.039	37.0	1.726	22.6	2.344	0.294	7.2	2.363
248393.9	843243.1	136.2	27.375	16.030	30.4	31.723	20.7	25.244	1.381	1.042	37.0	1.730	23.0	2.393	0.295	7.0	2.411
248393.3	843242.4	136.1	27.248	15.968	30.4	31.582	20.7	25.132	1.372	1.042	37.2	1.723	21.0	2.317	0.193	4.7	2.325
248392.7	843241.6	136.0	27.177	15.935	30.4	31.504	20.7	25.070	1.363	1.042	37.4	1.716	19.4	2.277	0.106	2.7	2.280
248392.1	843240.8	135.9	27.174	15.937	30.4	31.502	20.7	25.069	1.355	1.044	37.6	1.710	18.5	2.278	0.041	1.0	2.278
248391.5	843240.0	135.9	27.247	15.979	30.4	31.587	20.6	25.136	1.347	1.047	37.8	1.706	18.2	2.322	-0.000	-0.0	2.322
248390.9	843239.2	135.8	27.313	16.017	30.4	31.663	20.6	25.197	1.338	1.049	38.1	1.700	18.0	2.374	-0.044	-1.1	2.375

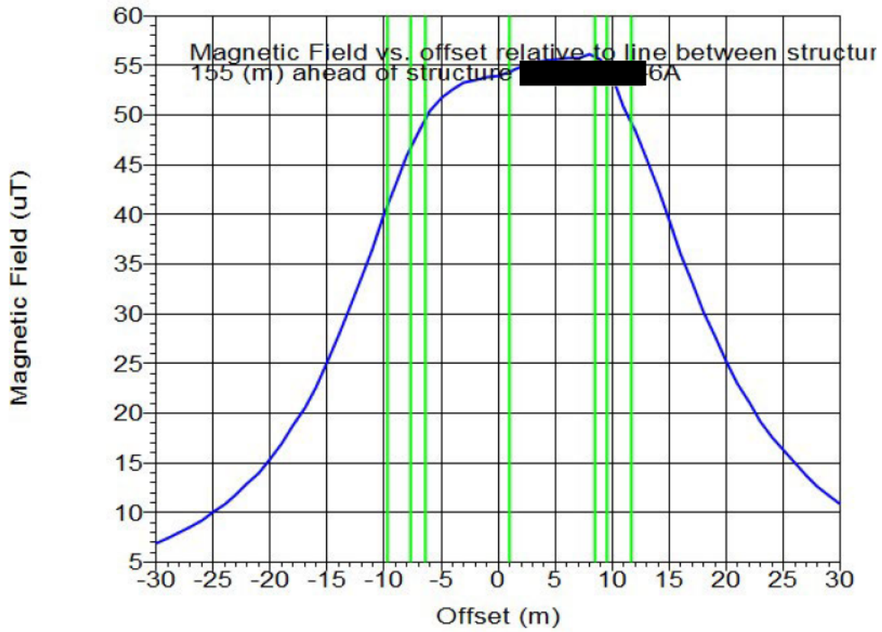
248390.2	843238.4	135.8	27.514	16.124	30.4	31.891	20.5	25.378	1.332	1.053	38.3	1.698	18.9	2.490	-0.045	-1.0	2.491
248389.6	843237.6	135.7	27.519	16.131	30.4	31.899	20.4	25.384	1.319	1.055	38.7	1.690	18.3	2.538	-0.106	-2.4	2.540
248389.0	843236.8	135.7	27.535	16.142	30.4	31.918	20.4	25.399	1.307	1.058	39.0	1.681	17.9	2.598	-0.163	-3.6	2.603
248388.4	843236.0	135.6	27.667	16.214	30.4	32.068	20.3	25.519	1.298	1.062	39.3	1.677	18.5	2.707	-0.183	-3.9	2.714
248387.8	843235.2	135.6	27.725	16.247	30.4	32.134	20.3	25.572	1.287	1.064	39.6	1.670	18.5	2.793	-0.225	-4.6	2.802
248387.2	843234.5	135.5	27.715	16.245	30.4	32.125	20.3	25.564	1.274	1.067	40.0	1.662	18.0	2.855	-0.287	-5.7	2.869
248386.6	843233.7	135.5	27.869	16.328	30.4	32.300	20.2	25.703	1.267	1.071	40.2	1.659	18.8	2.979	-0.297	-5.7	2.993
248385.9	843232.9	135.5	28.021	16.410	30.4	32.472	20.1	25.841	1.261	1.075	40.4	1.657	19.7	3.100	-0.306	-5.6	3.115
248385.3	843232.1	135.4	28.029	16.417	30.4	32.483	20.1	25.849	1.251	1.077	40.7	1.651	19.4	3.168	-0.358	-6.4	3.188
248384.7	843231.3	135.4	28.067	16.440	30.4	32.528	20.0	25.885	1.243	1.080	41.0	1.647	19.4	3.244	-0.399	-7.0	3.269
248384.1	843230.5	135.4	28.432	16.632	30.3	32.940	19.9	26.212	1.249	1.086	41.0	1.655	22.0	3.431	-0.337	-5.6	3.448
248383.5	843229.7	135.4	28.509	16.675	30.3	33.027	19.8	26.282	1.245	1.089	41.2	1.653	22.4	3.513	-0.362	-5.9	3.531
248382.9	843228.9	135.2	28.193	16.513	30.4	32.673	19.9	26.000	1.225	1.089	41.6	1.639	19.6	3.455	-0.507	-8.4	3.492
248382.3	843228.1	135.1	28.116	16.476	30.4	32.587	19.9	25.932	1.216	1.090	41.9	1.633	18.7	3.475	-0.576	-9.4	3.522
248381.7	843227.4	135.1	28.187	16.515	30.4	32.669	19.9	25.997	1.213	1.093	42.0	1.633	19.0	3.542	-0.596	-9.6	3.592
248381.0	843226.6	135.1	28.544	16.704	30.3	33.072	19.7	26.318	1.223	1.098	41.9	1.643	21.7	3.701	-0.524	-8.1	3.738
248380.4	843225.8	135.1	28.763	16.820	30.3	33.321	19.6	26.516	1.227	1.101	41.9	1.649	23.2	3.808	-0.492	-7.4	3.839
248379.8	843225.0	135.1	28.701	16.790	30.3	33.251	19.6	26.461	1.221	1.102	42.1	1.645	22.5	3.815	-0.545	-8.1	3.853
248379.2	843224.2	135.0	28.634	16.758	30.3	33.177	19.7	26.401	1.215	1.103	42.2	1.641	21.8	3.816	-0.596	-8.9	3.862
248378.6	843223.4	134.9	28.560	16.722	30.3	33.095	19.7	26.336	1.209	1.104	42.4	1.637	21.1	3.810	-0.647	-9.6	3.865
248378.0	843222.6	134.8	28.509	16.697	30.4	33.039	19.7	26.291	1.204	1.104	42.5	1.634	20.5	3.808	-0.687	-10.2	3.870
248377.4	843221.8	134.8	28.532	16.712	30.4	33.066	19.7	26.313	1.202	1.105	42.6	1.633	20.6	3.826	-0.701	-10.4	3.890
248376.7	843221.0	134.7	28.610	16.754	30.4	33.155	19.6	26.384	1.203	1.106	42.6	1.635	21.1	3.858	-0.695	-10.2	3.920
248376.1	843220.2	134.7	28.687	16.797	30.3	33.243	19.6	26.454	1.205	1.107	42.6	1.636	21.6	3.886	-0.686	-10.0	3.946
248375.5	843219.5	134.7	28.898	16.909	30.3	33.482	19.5	26.644	1.212	1.108	42.5	1.642	23.2	3.952	-0.632	-9.1	4.003
248374.9	843218.7	134.7	28.896	16.910	30.3	33.481	19.4	26.643	1.210	1.108	42.5	1.641	23.1	3.945	-0.643	-9.3	3.997
248374.3	843217.9	134.5	28.552	16.732	30.4	33.093	19.6	26.335	1.195	1.106	42.8	1.628	20.4	3.822	-0.759	-11.2	3.897
248373.7	843217.1	134.4	28.344	16.626	30.4	32.861	19.7	26.150	1.186	1.104	42.9	1.621	18.7	3.739	-0.832	-12.5	3.831
248373.1	843216.3	134.4	28.314	16.612	30.4	32.828	19.7	26.123	1.185	1.104	43.0	1.619	18.4	3.711	-0.846	-12.8	3.806
248372.4	843215.5	134.3	28.374	16.645	30.4	32.896	19.6	26.178	1.186	1.104	42.9	1.620	18.8	3.707	-0.830	-12.6	3.799
248371.8	843214.7	134.3	28.521	16.724	30.4	33.063	19.5	26.310	1.191	1.104	42.8	1.624	19.7	3.728	-0.786	-11.9	3.810
248371.2	843213.9	134.3	28.516	16.723	30.4	33.058	19.5	26.307	1.191	1.104	42.8	1.624	19.5	3.694	-0.789	-12.1	3.777
248370.6	843213.1	134.2	28.468	16.700	30.4	33.005	19.5	26.264	1.190	1.103	42.8	1.623	19.0	3.641	-0.805	-12.5	3.729
248370.0	843212.3	134.2	28.417	16.675	30.4	32.949	19.6	26.220	1.189	1.103	42.9	1.622	18.4	3.583	-0.823	-12.9	3.676
248369.4	843211.6	134.1	28.389	16.662	30.4	32.918	19.6	26.195	1.189	1.103	42.8	1.622	18.0	3.526	-0.833	-13.3	3.623
248368.8	843210.8	134.1	28.507	16.726	30.4	33.052	19.5	26.302	1.194	1.103	42.7	1.626	18.5	3.513	-0.798	-12.8	3.603
248368.1	843210.0	134.1	28.567	16.759	30.4	33.120	19.5	26.356	1.198	1.103	42.6	1.629	18.6	3.476	-0.781	-12.7	3.562
248367.5	843209.2	134.0	28.587	16.772	30.4	33.144	19.4	26.375	1.201	1.104	42.6	1.631	18.4	3.420	-0.778	-12.8	3.507
248366.9	843208.4	134.0	28.729	16.848	30.4	33.304	19.4	26.503	1.208	1.104	42.4	1.637	18.9	3.399	-0.738	-12.3	3.479
248366.3	843207.6	134.0	28.868	16.922	30.4	33.462	19.3	26.629	1.216	1.105	42.3	1.643	19.4	3.373	-0.701	-11.7	3.445
248365.7	843206.8	134.2	29.380	17.193	30.3	34.041	19.1	27.089	1.237	1.110	41.9	1.662	22.5	3.463	-0.550	-9.0	3.506
248365.1	843206.0	134.3	29.850	17.440	30.3	34.572	18.9	27.511	1.258	1.114	41.5	1.680	25.2	3.533	-0.418	-6.8	3.558
248364.5	843205.2	134.2	29.767	17.399	30.3	34.479	18.9	27.438	1.257	1.114	41.5	1.680	23.9	3.422	-0.456	-7.6	3.452
248363.9	843204.5	134.3	30.153	17.602	30.3	34.915	18.7	27.784	1.276	1.118	41.2	1.696	25.9	3.456	-0.357	-5.9	3.475
248363.2	843203.7	134.2	30.090	17.571	30.3	34.845	18.7	27.729	1.275	1.118	41.2	1.696	24.6	3.344	-0.395	-6.7	3.367
248362.6	843202.9	134.2	29.991	17.521	30.3	34.734	18.7	27.641	1.274	1.118	41.3	1.695	22.9	3.216	-0.448	-7.9	3.247
248362.0	843202.1	134.1	29.988	17.522	30.3	34.732	18.7	27.639	1.277	1.119	41.2	1.698	21.9	3.116	-0.476	-8.7	3.152
248361.4	843201.3	134.2	30.279	17.676	30.3	35.060	18.6	27.900	1.290	1.124	41.0	1.711	22.9	3.108	-0.420	-7.7	3.136
248360.8	843200.5	134.2	30.447	17.765	30.3	35.251	18.5	28.052	1.299	1.127	40.9	1.720	22.9	3.058	-0.406	-7.6	3.085
248360.2	843199.7	134.2	30.627	17.862	30.3	35.455	18.4	28.214	1.308	1.131	40.8	1.729	22.9	3.010	-0.393	-7.4	3.036
248359.6	843198.9	134.2	30.816	17.962	30.2	35.669	18.3	28.385	1.317	1.135	40.7	1.739	22.9	2.964	-0.383	-7.4	2.988
248358.9	843198.1	134.2	30.860	17.987	30.2	35.719	18.3	28.424	1.320	1.138	40.7	1.743	21.8	2.869	-0.421	-8.3	2.899
248358.3	843197.3	134.2	31.097	18.113	30.2	35.987	18.2	28.637	1.331	1.143	40.7	1.754	21.9	2.835	-0.407	-8.2	2.864
248357.7	843196.6	134.3	31.449	18.298	30.2	36.385	18.1	28.955	1.344	1.149	40.5	1.768	22.9	2.838	-0.365	-7.3	2.862
248357.1	843195.8	134.3	31.633	18.396	30.2	36.593	18.0	29.120	1.352	1.154	40.5	1.777	22.5	2.787	-0.378	-7.7	2.812
248356.5	843195.0	134.4	32.077	18.629	30.1	37.094	17.8	29.519	1.368	1.161	40.3	1.794	23.9	2.818	-0.322	-6.5	2.837
248355.9	843194.2	134.5	32.313	18.753	30.1	37.361	17.7	29.731	1.376	1.167	40.3	1.804	23.7	2.783	-0.331	-6.8	2.802
248355.3	843193.4	134.6	32.817	19.017	30.1	37.929	17.4	30.183	1.394	1.175	40.1	1.823	25.4	2.833	-0.270	-5.4	2.846
248354.6	843192.6	134.7	33.326	19.282	30.1	38.502	17.2	30.639	1.413	1.184	40.0	1.843	27.0	2.884	-0.215	-4.3	2.892
248354.0	843191.8	134.8	33.835	19.547	30.0	39.076	17.0	31.096	1.431	1.192	39.8	1.862	28.5	2.933	-0.166	-3.2	2.938
248353.4	843191.0	134.8	34.099	19.686	30.0	39.374	16.9	31.333	1.438	1.198	39.8	1.872	28.2	2.908	-0.189	-3.7	2.914
248352.8	843190.2	134.8	34.293	19.789	30.0	39.593	16.8	31.507	1.441	1.203	39.8	1.877	27.5	2.861	-0.235	-4.7	2.870
248352.2	843189.5	134.9	34.485	19.890	30.0	39.810	16.7	31.680	1.445	1.208	39.9	1.883	26.6	2.813	-0.286	-5.8	2.828
248351.6	843188.7	134.9	34.667	19.986	30.0	40.016	16.6	31.843	1.447	1.213	40.0	1.888	25.6	2.763	-0.344	-7.1	2.784
248351.0	843187.9	134.9	34.956	20.138	29.9	40.342	16.5	32.103	1.453	1.218	40.0	1.897	25.3	2.745	-0.378	-7.8	2.771
248350.4	843187.1	135.0	35.458	20.399	29.9	40.907	16.3	32.553	1.469	1.227	39.9	1.913	26.3	2.791	-0.361	-7.4	2.814
248349.7	843186.3	135.2	36.376	20.871	29.8	41.938	15.9	33.374	1.502	1.239	39.5	1.947	30.0	2.958	-0.242	-4.7	2.968
248349.1	843185.5	135.4	37.186	21.286	29.8	42.847	15.5	34.097	1.533	1.251	39.2	1.978	32.9	3.088	-0.159	-2.9	3.092
248348.5	843184.7	135.4	37.414	21.406	29.8	43.104	15.4	34.301	1.535	1.256	39.3	1.983	31.9	3.046	-0.224	-4.2	3.055
248347.9	843183.9	135.5	38.024	21.719	29.7	43.790	15.2	34.847	1.556	1.265	39.1	2.005	33.3	3.113	-0.199	-3.7	3.119
248347.3	843183.1	135.6	38.530	21.980	29.7	44.358	15.0	35.299	1.572	1.273	39.0	2.023	34.0	3.144	-0.203	-3.7	3.151
248346.7	843182.3	135.7	39.074	22.260	29.7	44.970	14.7	35.786	1.590	1.281	38.9	2.042	34.9	3.185	-0.200	-3.6	3.192
248346.1	843181.6	135.7	39.167	22.311	29.7	45.076	14.7	35.870	1.585	1.283	39.0	2.039	32.9	3.097	-0.307	-5.7	3.112
248345.4	843180.8	135.7	39.050	22.257	29.7	44.947	14.7	35.768	1.570	1.282	39.2	2.027	29.7	2.947	-0.465	-9.0	2.983
248344.8	843180.0	135.8	39.510	22.493	29.7	45.464	14.5	36.179	1.584	1.288	39.1	2.042	30.0	2.957	-0.484	-9.3	2.996
248344.2	843179.2	135.9	40.105	22.798	29.6	46.132	14.3	36.711	1.604	1.296	38.9	2.062	31.2	3.001	-0.471	-8.9	3.038
248343.6	843178.4	136.1	41.197	23.352	29.5	47.356	13.8	37.684	1.651	1.309	38.4	2.106	35.3	3.178	-0.342	-6.1	3.197
248343.0	843177.6	136.2	41.627	23.573	29.5	47.838	13.7	38.069	1.664	1.313	38.3	2.119	35.5	3.170	-0.368	-6.6	3.192
248342.4	843176.8	136.2	41.721	23.626	29.5	47.946	13.6	38.155	1.660	1.313	38.4	2.116	33.7	3.070	-0.468	-8.7	3.105
248341.8	843176.0	136.2	41.831	23.686	29.5	48.071	13.6	38.254	1.657	1.313	38.4	2.114	32.0	2.972	-0.562	-10.7	3.025
248341.1	843175.2	136.4	42.924	24.239	29.5	49.295	13.1	39.228	1.704	1.325	37.9	2.159	36.2	3.142	-0.428	-7.8	3.171
248340.5	843174.5	136.4	43.036	24.301	29.5	49.423	13.1	39.330	1.701	1.325	37.9	2.156	34.8	3.048	-0.514	-9.6	3.091
248339.9	843173.7	136.5	43.291	24.435	29.4	49.711	12.9	39.559	1.705	1.326	37.9	2.160	34.2	2.995	-0.564	-10.7	3.048
248339.3	843172.9	136.8	45.074	25.329	29.3	51.703	12.2	41.144	1.792	1.348	36.9	2.243	42.3	3.350	-0.276	-4.7	3.362
248338.7	843172.1	136.9	45.657	25.626	29.3	52.357	12.0	41.664	1.815	1.354	36.7	2.264	43.7	3.391	-0.249	-4.2	3.400
248338.1	843171.3	136.9	45.633	25.621	29.3	52.334	12.0	41.646	1.801	1.351	36.9	2.251	42.1	3.282	-0.347	-6.0	3.300
248337.5	843170.5	137.0	46.285	25.952	29.3	53.064	11.7	42.227	1.827	1.358	36.6	2.276	44.1	3.354	-0.297	-5.1	3.368

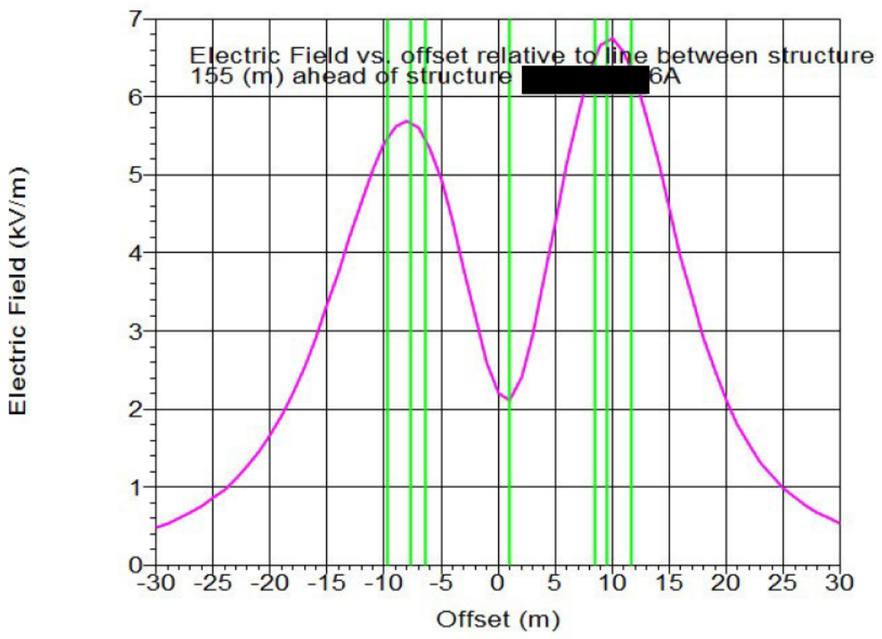
248336.9	843169.7	137.1	46.428	26.030	29.3	53.227	11.6	42.357	1.822	1.358	36.7	2.273	43.5	3.304	-0.351	-6.1	3.323
248336.2	843168.9	137.1	46.416	26.031	29.3	53.217	11.6	42.349	1.809	1.356	36.8	2.260	42.3	3.224	-0.433	-7.6	3.253
248335.6	843168.1	137.1	46.449	26.055	29.3	53.258	11.6	42.381	1.798	1.354	37.0	2.251	41.5	3.165	-0.500	-9.0	3.204
248335.0	843167.3	137.1	46.685	26.180	29.3	53.525	11.5	42.594	1.799	1.356	37.0	2.252	41.9	3.169	-0.518	-9.3	3.211
248334.4	843166.6	137.1	46.728	26.209	29.3	53.577	11.5	42.635	1.789	1.355	37.1	2.244	41.4	3.135	-0.572	-10.3	3.187
248333.8	843165.8	137.1	46.690	26.194	29.3	53.536	11.5	42.602	1.774	1.351	37.3	2.230	40.7	3.099	-0.644	-11.7	3.166
248333.2	843165.0	137.2	46.783	26.248	29.3	53.643	11.4	42.688	1.767	1.351	37.4	2.224	40.8	3.101	-0.675	-12.3	3.173
248332.6	843164.2	137.2	46.852	26.290	29.3	53.724	11.4	42.752	1.759	1.351	37.5	2.218	40.9	3.107	-0.705	-12.8	3.186
248331.9	843163.4	137.2	46.919	26.331	29.3	53.802	11.3	42.815	1.751	1.351	37.6	2.211	41.2	3.124	-0.730	-13.1	3.208
248331.3	843162.6	137.2	46.981	26.370	29.3	53.876	11.3	42.873	1.743	1.351	37.8	2.206	41.7	3.150	-0.749	-13.4	3.238
248330.7	843161.8	137.3	47.038	26.406	29.3	53.943	11.3	42.927	1.736	1.352	37.9	2.200	42.2	3.184	-0.764	-13.5	3.275
248330.1	843161.0	137.2	46.790	26.290	29.3	53.670	11.4	42.709	1.711	1.348	38.2	2.179	41.2	3.151	-0.839	-14.9	3.261
248329.5	843160.2	137.1	46.072	25.939	29.4	52.872	11.6	42.075	1.661	1.340	38.9	2.134	37.3	3.008	-1.013	-18.6	3.174
248328.9	843159.4	137.2	46.260	26.040	29.4	53.085	11.5	42.244	1.663	1.343	38.9	2.137	39.1	3.099	-0.982	-17.6	3.251
248328.3	843158.7	137.1	46.074	25.955	29.4	52.881	11.6	42.081	1.644	1.342	39.2	2.122	38.7	3.102	-1.028	-18.3	3.268
248327.6	843157.9	137.2	45.976	25.913	29.4	52.775	11.6	41.997	1.632	1.342	39.4	2.113	38.9	3.131	-1.049	-18.5	3.302
248327.0	843157.1	137.2	46.412	26.140	29.4	53.267	11.5	42.388	1.652	1.349	39.2	2.133	42.5	3.294	-0.945	-16.0	3.427
248326.4	843156.3	137.3	46.767	26.326	29.4	53.668	11.3	42.708	1.671	1.356	39.1	2.152	45.6	3.437	-0.854	-14.0	3.541
248325.8	843155.5	137.3	46.546	26.223	29.4	53.425	11.4	42.514	1.655	1.355	39.3	2.139	45.4	3.443	-0.885	-14.4	3.555
248325.2	843154.7	137.3	46.321	26.118	29.4	53.177	11.5	42.317	1.639	1.355	39.6	2.126	45.3	3.449	-0.912	-14.8	3.568
248324.6	843153.9	137.3	45.992	25.959	29.4	52.812	11.6	42.027	1.618	1.353	39.9	2.109	44.5	3.432	-0.958	-15.6	3.563
248324.0	843153.1	137.2	45.707	25.823	29.5	52.498	11.7	41.776	1.600	1.352	40.2	2.095	44.1	3.426	-0.990	-16.1	3.566
248323.3	843152.3	137.2	45.435	25.692	29.5	52.196	11.8	41.536	1.584	1.352	40.5	2.082	43.8	3.424	-1.015	-16.5	3.572
248322.7	843151.6	137.2	45.159	25.560	29.5	51.890	11.9	41.293	1.568	1.352	40.8	2.070	43.5	3.423	-1.038	-16.9	3.577
248322.1	843150.8	137.1	44.815	25.393	29.5	51.509	12.0	40.990	1.549	1.351	41.1	2.055	42.9	3.407	-1.072	-17.5	3.572
248321.5	843150.0	137.1	44.666	25.324	29.6	51.345	12.0	40.859	1.541	1.353	41.3	2.051	43.5	3.440	-1.058	-17.1	3.599
248320.9	843149.2	137.1	44.498	25.246	29.6	51.161	12.1	40.713	1.533	1.356	41.5	2.047	44.1	3.470	-1.044	-16.7	3.624
248320.3	843148.4	137.1	44.088	25.044	29.6	50.705	12.3	40.350	1.511	1.355	41.9	2.029	43.1	3.447	-1.085	-17.5	3.614
248319.7	843147.6	137.1	43.803	24.905	29.6	50.388	12.4	40.097	1.496	1.356	42.2	2.019	43.0	3.457	-1.093	-17.6	3.626
248319.1	843146.8	137.1	43.518	24.766	29.6	50.072	12.5	39.846	1.481	1.357	42.5	2.009	43.0	3.471	-1.097	-17.5	3.641
248318.4	843146.0	137.0	43.176	24.597	29.7	49.691	12.6	39.543	1.463	1.357	42.9	1.995	42.7	3.477	-1.111	-17.7	3.650
248317.8	843145.2	137.0	42.722	24.371	29.7	49.185	12.8	39.140	1.438	1.356	43.3	1.976	41.7	3.462	-1.150	-18.4	3.648
248317.2	843144.4	137.0	42.966	24.503	29.7	49.462	12.7	39.361	1.457	1.363	43.1	1.995	45.7	3.616	-1.008	-15.6	3.753
248316.6	843143.7	137.0	42.789	24.418	29.7	49.266	12.7	39.204	1.450	1.365	43.3	1.991	46.9	3.676	-0.967	-14.7	3.801
248316.0	843142.9	137.0	42.607	24.331	29.7	49.065	12.8	39.045	1.443	1.366	43.4	1.987	48.2	3.742	-0.923	-13.9	3.854
248315.4	843142.1	137.0	42.432	24.247	29.7	48.871	12.8	38.891	1.437	1.368	43.6	1.984	49.6	3.815	-0.874	-12.9	3.914
248314.8	843141.3	137.0	42.016	24.038	29.8	48.407	13.0	38.521	1.415	1.366	44.0	1.967	49.4	3.840	-0.882	-12.9	3.940
248314.1	843140.5	136.9	41.085	23.562	29.8	47.362	13.4	37.690	1.360	1.357	44.9	1.921	45.4	3.756	-1.024	-15.3	3.893
248313.5	843139.7	136.7	40.173	23.093	29.9	46.337	13.7	36.874	1.307	1.348	45.9	1.877	41.5	3.681	-1.164	-17.6	3.860
248312.9	843138.9	136.7	39.769	22.888	29.9	45.885	13.9	36.514	1.286	1.346	46.3	1.862	41.4	3.729	-1.167	-17.4	3.907
248312.3	843138.1	136.7	39.654	22.833	29.9	45.758	13.9	36.413	1.283	1.348	46.4	1.861	43.7	3.849	-1.090	-15.8	4.000
248311.7	843137.3	136.7	39.531	22.775	29.9	45.623	13.9	36.305	1.280	1.350	46.5	1.861	45.9	3.971	-1.012	-14.3	4.098
248311.1	843136.6	136.7	39.244	22.630	30.0	45.301	14.1	36.049	1.267	1.350	46.8	1.852	46.9	4.060	-0.979	-13.6	4.176
248310.5	843135.8	136.6	38.566	22.280	30.0	44.539	14.3	35.443	1.229	1.344	47.6	1.821	44.8	4.067	-1.054	-14.5	4.201
248309.8	843135.0	136.5	37.898	21.933	30.1	43.787	14.6	34.845	1.191	1.339	48.3	1.792	42.7	4.080	-1.129	-15.5	4.233
248309.2	843134.2	136.4	37.312	21.628	30.1	43.128	14.8	34.320	1.159	1.335	49.0	1.768	41.3	4.113	-1.181	-16.0	4.280
248308.6	843133.4	136.3	36.810	21.367	30.1	42.562	15.0	33.870	1.133	1.331	49.6	1.748	40.5	4.168	-1.209	-16.2	4.340
248308.0	843132.6	136.3	36.558	21.238	30.2	42.279	15.1	33.645	1.123	1.330	49.8	1.741	41.9	4.279	-1.161	-15.2	4.433
248307.4	843131.8	136.3	36.087	20.993	30.2	41.749	15.3	33.223	1.099	1.326	50.4	1.723	41.4	4.342	-1.179	-15.2	4.499
248306.8	843131.0	136.2	35.524	20.697	30.2	41.113	15.5	32.717	1.069	1.321	51.0	1.700	40.0	4.386	-1.225	-15.6	4.554
248306.2	843130.2	136.1	34.994	20.418	30.3	40.515	15.7	32.241	1.042	1.317	51.6	1.679	39.0	4.437	-1.262	-15.9	4.612
248305.6	843129.4	136.0	34.418	20.114	30.3	39.864	15.9	31.723	1.012	1.311	52.3	1.656	37.4	4.477	-1.314	-16.4	4.666
248304.9	843128.7	135.9	33.710	19.738	30.4	39.063	16.2	31.086	0.974	1.304	53.2	1.628	34.6	4.488	-1.411	-17.5	4.705
248304.3	843127.9	135.8	33.016	19.368	30.4	38.278	16.5	30.460	0.938	1.298	54.1	1.601	31.9	4.501	-1.508	-18.5	4.747
248303.7	843127.1	135.7	32.336	19.004	30.4	37.507	16.8	29.847	0.903	1.292	55.0	1.576	29.2	4.514	-1.604	-19.6	4.791
248303.1	843126.3	135.6	31.730	18.680	30.5	36.820	17.0	29.300	0.873	1.286	55.8	1.554	27.1	4.542	-1.678	-20.3	4.842
248302.5	843125.5	135.6	31.589	18.606	30.5	36.662	17.1	29.175	0.869	1.284	55.9	1.550	29.3	4.666	-1.592	-18.8	4.930
248301.9	843124.7	135.5	31.255	18.428	30.5	36.283	17.2	28.873	0.854	1.280	56.3	1.539	29.6	4.745	-1.574	-18.4	4.999
248301.3	843123.9	135.5	30.850	18.210	30.6	35.824	17.4	28.508	0.836	1.276	56.8	1.526	29.2	4.806	-1.583	-18.2	5.060
248300.6	843123.1	135.4	30.451	17.996	30.6	35.371	17.5	28.147	0.818	1.272	57.3	1.512	28.8	4.864	-1.592	-18.1	5.118
248300.0	843122.3	135.4	30.015	17.760	30.6	34.876	17.7	27.753	0.797	1.268	57.8	1.498	27.9	4.911	-1.617	-18.2	5.170
248299.4	843121.6	135.3	29.440	17.448	30.7	34.221	17.9	27.233	0.769	1.263	58.7	1.479	25.7	4.926	-1.697	-19.0	5.210
248298.8	843120.8	135.2	28.967	17.191	30.7	33.684	18.1	26.805	0.747	1.259	59.3	1.464	24.4	4.957	-1.742	-19.4	5.254
248298.2	843120.0	135.2	28.851	17.129	30.7	33.553	18.1	26.701	0.745	1.257	59.4	1.461	26.4	5.055	-1.653	-18.1	5.318
248297.6	843119.2	135.2	28.761	17.082	30.7	33.452	18.2	26.620	0.745	1.255	59.3	1.460	28.6	5.151	-1.555	-16.8	5.381
248297.0	843118.4	135.3	28.618	17.005	30.7	33.289	18.2	26.491	0.743	1.253	59.3	1.457	30.2	5.230	-1.478	-15.8	5.435
248296.3	843117.6	135.2	28.225	16.791	30.7	32.842	18.4	26.135	0.726	1.250	59.9	1.445	29.4	5.256	-1.498	-15.9	5.465
248295.7	843116.8	135.1	27.837	16.579	30.8	32.400	18.5	25.783	0.709	1.246	60.4	1.433	28.7	5.276	-1.518	-16.0	5.490
248295.1	843116.0	135.1	27.614	16.457	30.8	32.146	18.6	25.581	0.702	1.243	60.5	1.428	29.4	5.321	-1.473	-15.5	5.521
248294.5	843115.2	135.2	27.453	16.370	30.8	31.963	18.7	25.435	0.701	1.241	60.5	1.425	30.7	5.369	-1.402	-14.6	5.549
248293.9	843114.4	135.2	27.308	16.292	30.8	31.799	18.7	25.305	0.701	1.238	60.5	1.423	32.2	5.413	-1.323	-13.7	5.572
248293.3	843113.7	135.1	26.835	16.031	30.9	31.259	18.9	24.875	0.679	1.233	61.1	1.408	30.5	5.388	-1.376	-14.3	5.561
248292.7	843112.9	135.1	26.622	15.914	30.9	31.016	19.0	24.682	0.676	1.229	61.2	1.403	31.3	5.403	-1.321	-13.7	5.562
248292.1	843112.1	135.1	26.457	15.824	30.9	30.828	19.1	24.532	0.677	1.225	61.1	1.399	32.5	5.417	-1.243	-12.9	5.558
248291.4	843111.3	135.1	26.315	15.747	30.9	30.667	19.1	24.404	0.680	1.220	60.9	1.397	34.0	5.425	-1.152	-12.0	5.546
248290.8	843110.5	135.1	26.015	15.581	30.9	30.324	19.3	24.131	0.673	1.214	61.0	1.388	34.0	5.396	-1.124	-11.8	5.512
248290.2	843109.7	135.0	25.580	15.340	30.9	29.827	19.4	23.736	0.657	1.207	61.4	1.374	32.8	5.334	-1.149	-12.2	5.456
248289.6	843108.9	135.0	25.243	15.152	31.0	29.441	19.6	23.429	0.649	1.199	61.6	1.363	32.6	5.278	-1.130	-12.1	5.398
248289.0	843108.1	134.9	24.956	14.993	31.0	29.113	19.7	23.168	0.645	1.191	61.6	1.354	32.8	5.221	-1.084	-11.7	5.333
248288.4	843107.3	134.9	24.657	14.826	31.0	28.771	19.8	22.895	0.641	1.182	61.5	1.345	32.9	5.152	-1.040	-11.4	5.256
248287.8	843106.6	134.9	24.360	14.660	31.0	28.431	19.9	22.625	0.638	1.173	61.5	1.335	33.1	5.071	-0.991	-11.1	5.167
248287.1	843105.8	134.8	24.061	14.493	31.1	28.089	20.0	22.353	0.635	1.162	61.4	1.325	33.2	4.980	-0.939	-10.7	5.068
248286.5	843105.0	134.8	23.724	14.304	31.1	27.703	20.2	22.045	0.631	1.151	61.3	1.313	33.1	4.871	-0.900	-10.5	4.953
248285.9	843104.2	134.7	23.391	14.117	31.1	27.320	20.3	21.741	0.628	1.139	61.2	1.301	32.9	4.751	-0.857	-10.2	4.828
248285.3	843103.4	134.7	23.060	13.930	31.1	26.941	20.5	21.439	0.625	1.127	61.0	1.289	32.8	4.621	-0.809	-9.9	4.691
248284.7	843102.6	134.6	22.659	13.703	31.2	26.480	20.6	21.072	0.620	1.113	60.9	1.274	32.1	4.467	-0.792	-10.1	4.537
248284.1	843101.8	134.5	22.257	13.476	31.2	26.019	20.8	20.705	0.615	1.100	60.8	1.260	31.4	4.302	-0.774	-10.2	4.371

248283.5	843101.0	134.4	21.862	13.252	31.2	25.565	21.0	20.344	0.612	1.085	60.6	1.246	30.8	4.127	-0.753	-10.3	4.195
248282.8	843100.2	134.4	21.475	13.031	31.2	25.119	21.1	19.989	0.610	1.071	60.3	1.233	30.1	3.943	-0.729	-10.5	4.010
248282.2	843099.4	134.3	21.093	12.814	31.3	24.680	21.3	19.640	0.610	1.056	60.0	1.219	29.5	3.751	-0.704	-10.6	3.816
248281.6	843098.7	134.2	20.802	12.647	31.3	24.345	21.4	19.373	0.612	1.041	59.5	1.208	29.2	3.569	-0.638	-10.1	3.625
248281.0	843097.9	134.1	20.327	12.375	31.3	23.797	21.6	18.937	0.611	1.026	59.2	1.194	28.1	3.337	-0.665	-11.3	3.402
248280.4	843097.1	134.1	20.096	12.243	31.4	23.532	21.7	18.726	0.616	1.011	58.7	1.184	27.7	3.154	-0.578	-10.4	3.206
248279.8	843096.3	134.0	19.791	12.068	31.4	23.181	21.9	18.446	0.619	0.997	58.2	1.174	27.0	2.947	-0.533	-10.3	2.995
248279.2	843095.5	134.0	19.486	11.893	31.4	22.829	22.0	18.166	0.623	0.983	57.6	1.164	26.2	2.735	-0.496	-10.3	2.780
248278.5	843094.7	134.0	19.288	11.779	31.4	22.601	22.1	17.985	0.628	0.970	57.1	1.156	25.3	2.546	-0.415	-9.3	2.580
248277.9	843093.9	134.0	19.194	11.726	31.4	22.492	22.1	17.899	0.633	0.959	56.6	1.149	24.3	2.383	-0.293	-7.0	2.401
248277.3	843093.1	134.0	19.099	11.672	31.4	22.383	22.2	17.812	0.638	0.948	56.1	1.143	23.2	2.220	-0.183	-4.7	2.228
248276.7	843092.3	134.1	19.003	11.617	31.4	22.273	22.2	17.724	0.642	0.940	55.7	1.138	22.0	2.058	-0.085	-2.4	2.060
248276.1	843091.5	134.1	18.906	11.562	31.4	22.161	22.3	17.635	0.646	0.932	55.3	1.134	20.7	1.897	-0.000	-0.0	1.897
248275.5	843090.8	134.2	18.869	11.542	31.5	22.120	22.3	17.602	0.649	0.927	55.0	1.131	19.4	1.756	0.100	3.3	1.759
248274.9	843090.0	134.3	18.865	11.541	31.5	22.115	22.3	17.599	0.652	0.923	54.8	1.130	18.3	1.629	0.201	7.0	1.641
248274.3	843089.2	134.4	18.845	11.531	31.5	22.093	22.3	17.581	0.655	0.921	54.6	1.130	17.0	1.500	0.281	10.6	1.526
248273.6	843088.4	134.4	18.715	11.457	31.5	21.944	22.4	17.463	0.655	0.920	54.5	1.130	15.3	1.343	0.294	12.3	1.375
248273.0	843087.6	134.3	18.438	11.297	31.5	21.624	22.5	17.208	0.655	0.919	54.5	1.129	13.1	1.144	0.221	11.0	1.165
248272.4	843086.8	134.3	18.213	11.168	31.5	21.364	22.6	17.001	0.657	0.921	54.5	1.131	11.7	0.963	0.158	9.3	0.975
248271.8	843086.0	134.4	18.161	11.139	31.5	21.305	22.6	16.954	0.658	0.925	54.6	1.135	10.6	0.840	0.164	11.1	0.856
248271.2	843085.2	134.6	18.322	11.235	31.5	21.493	22.6	17.103	0.658	0.932	54.8	1.141	9.1	0.790	0.262	18.3	0.832
248270.6	843084.4	134.8	18.583	11.390	31.5	21.796	22.5	17.345	0.659	0.941	55.0	1.149	8.6	0.777	0.395	27.0	0.872
248270.0	843083.7	135.0	18.806	11.522	31.5	22.056	22.4	17.551	0.661	0.951	55.2	1.158	8.8	0.756	0.499	33.4	0.906
248269.3	843082.9	135.1	18.853	11.552	31.5	22.111	22.4	17.596	0.661	0.960	55.5	1.166	8.1	0.684	0.509	36.7	0.853
248268.7	843082.1	135.4	19.186	11.749	31.5	22.497	22.3	17.902	0.665	0.972	55.6	1.177	10.3	0.707	0.649	42.6	0.960
248268.1	843081.3	135.7	19.673	12.035	31.5	23.062	22.1	18.352	0.674	0.985	55.6	1.193	14.9	0.780	0.855	47.6	1.157
248267.5	843080.5	136.1	20.175	12.330	31.4	23.644	21.9	18.815	0.688	0.998	55.4	1.212	20.0	0.860	1.060	50.9	1.366
248266.9	843079.7	136.4	20.692	12.634	31.4	24.244	21.7	19.293	0.706	1.012	55.1	1.234	25.3	0.947	1.268	53.3	1.582
248266.3	843078.9	136.7	21.226	12.947	31.4	24.863	21.5	19.785	0.729	1.025	54.6	1.258	30.8	1.039	1.478	54.9	1.807
248265.7	843078.1	137.1	21.777	13.270	31.4	25.502	21.3	20.294	0.757	1.039	53.9	1.286	36.5	1.138	1.693	56.1	2.040
248265.0	843077.3	137.4	22.347	13.604	31.3	26.162	21.1	20.819	0.789	1.053	53.1	1.316	42.4	1.244	1.913	57.0	2.282
248264.4	843076.5	137.7	22.936	13.948	31.3	26.845	20.8	21.362	0.826	1.067	52.3	1.349	48.5	1.355	2.138	57.6	2.532
248263.8	843075.8	137.9	23.233	14.125	31.3	27.190	20.8	21.637	0.844	1.075	51.9	1.367	51.5	1.393	2.245	58.2	2.642
248263.2	843075.0	137.9	23.001	13.997	31.3	26.925	20.9	21.426	0.824	1.072	52.4	1.353	48.9	1.302	2.140	58.7	2.506
248262.6	843074.2	137.9	22.779	13.875	31.3	26.672	21.1	21.225	0.806	1.069	53.0	1.339	46.5	1.218	2.041	59.2	2.376
248262.0	843073.4	137.9	22.570	13.760	31.4	26.433	21.2	21.035	0.788	1.066	53.5	1.326	44.2	1.139	1.947	59.7	2.255
248261.4	843072.6	137.9	22.373	13.652	31.4	26.210	21.4	20.857	0.772	1.063	54.0	1.314	42.2	1.067	1.858	60.1	2.143
248260.8	843071.8	137.9	22.192	13.553	31.4	26.004	21.5	20.693	0.757	1.060	54.4	1.302	40.3	1.000	1.776	60.6	2.039
248260.1	843071.0	137.9	22.028	13.464	31.4	25.817	21.6	20.544	0.744	1.056	54.9	1.292	38.6	0.940	1.701	61.1	1.944
248259.5	843070.2	137.9	21.882	13.384	31.5	25.651	21.7	20.413	0.731	1.054	55.2	1.282	37.0	0.886	1.632	61.5	1.857
248258.9	843069.4	137.9	21.757	13.317	31.5	25.509	21.8	20.300	0.720	1.051	55.6	1.274	35.7	0.837	1.570	61.9	1.780
248258.3	843068.7	137.9	21.628	13.246	31.5	25.361	21.9	20.182	0.709	1.049	56.0	1.266	34.1	0.786	1.502	62.4	1.696
248257.7	843067.9	137.9	21.564	13.212	31.5	25.290	22.0	20.125	0.701	1.048	56.2	1.261	33.2	0.752	1.460	62.7	1.642
248257.1	843067.1	137.9	21.522	13.191	31.5	25.243	22.0	20.088	0.695	1.048	56.5	1.257	32.4	0.722	1.422	63.1	1.594
248256.5	843066.3	137.9	21.496	13.177	31.5	25.213	22.0	20.064	0.689	1.048	56.7	1.254	31.6	0.692	1.384	63.4	1.547

Max BF along centerline is 53.943 (uT) at 155.000 (m) from structure ██/██-6A

Cross section results at max BF along centerline between structures ██/██-6A and ██/██-7R





3D EMF Point Results Span from [redacted]-6A to [redacted]-7R:

Measurement			B					H	EF					Space Potential			
X (m)	Y (m)	Z (m)	Real (uT)	Imaginary (uT)	Angle (deg)	Magnitude (uT)	Polarization Axial Ratio %	Magnitude (A/m)	Real (kV/m)	Imaginary (kV/m)	Angle (deg)	Magnitude (kV/m)	Polarization Axial Ratio %	Real (kV)	Imaginary (kV)	Angle (deg)	Magnitude (kV)
248354.4	843143.4	131.8	5.647	4.066	35.8	6.958	43.8	5.537	0.171	0.453	69.3	0.484	35.6	-0.883	0.895	-45.4	1.258
248353.6	843144.0	132.0	6.103	4.334	35.4	7.485	43.8	5.957	0.202	0.498	67.9	0.537	34.4	-1.059	0.904	-40.5	1.393
248352.8	843144.6	132.1	6.553	4.584	35.0	7.997	43.6	6.364	0.251	0.546	65.3	0.601	34.2	-1.266	0.991	-38.0	1.608
248352.0	843145.2	132.1	7.039	4.848	34.6	8.547	43.4	6.801	0.316	0.598	62.2	0.676	33.9	-1.510	1.086	-35.7	1.860
248351.2	843145.9	132.3	7.630	5.170	34.1	9.217	43.3	7.334	0.392	0.652	59.0	0.761	32.2	-1.760	1.088	-31.7	2.069
248350.5	843146.5	132.6	8.315	5.538	33.7	9.991	43.1	7.950	0.486	0.707	55.5	0.858	29.8	-2.008	1.028	-27.1	2.256
248349.7	843147.1	132.9	9.072	5.931	33.2	10.838	42.8	8.625	0.601	0.764	51.8	0.972	27.4	-2.269	0.955	-22.8	2.462
248348.9	843147.7	133.1	9.906	6.350	32.7	11.767	42.5	9.364	0.743	0.821	47.9	1.107	24.8	-2.541	0.868	-18.9	2.685
248348.1	843148.3	133.4	10.867	6.821	32.1	12.830	42.0	10.210	0.911	0.877	43.9	1.265	21.9	-2.780	0.718	-14.5	2.871

248347.3	843148.9	133.6	11.970	7.345	31.5	14.044	41.5	11.176	1.111	0.931	40.0	1.449	18.8	-2.963	0.508	-9.7	3.006
248346.5	843149.5	133.9	13.216	7.914	30.9	15.404	40.9	12.258	1.346	0.981	36.1	1.665	15.7	-3.086	0.261	-4.8	3.097
248345.7	843150.2	134.2	14.626	8.534	30.3	16.934	40.1	13.476	1.621	1.024	32.3	1.917	12.7	-3.121	-0.024	0.4	3.121
248344.9	843150.8	134.6	16.266	9.226	29.6	18.700	39.2	14.881	1.936	1.060	28.7	2.207	9.7	-2.983	-0.373	7.1	3.006
248344.1	843151.4	134.8	17.939	9.889	28.9	20.484	38.1	16.301	2.298	1.086	25.3	2.542	7.7	-2.935	-0.623	12.0	3.001
248343.3	843152.0	135.0	19.964	10.667	28.1	22.635	36.9	18.012	2.699	1.100	22.2	2.915	5.4	-2.545	-0.981	21.1	2.728
248342.6	843152.6	135.3	22.269	11.513	27.3	25.069	35.5	19.949	3.137	1.099	19.3	3.324	3.3	-1.908	-1.357	35.4	2.342
248341.8	843153.2	135.7	24.924	12.444	26.5	27.858	33.9	22.168	3.602	1.082	16.7	3.761	1.5	-0.938	-1.751	61.8	1.986
248341.0	843153.8	135.9	27.573	13.327	25.8	30.625	32.2	24.370	4.082	1.048	14.4	4.215	0.5	-0.085	-2.018	87.6	2.020
248340.2	843154.5	136.1	30.582	14.304	25.1	33.762	30.3	26.867	4.552	0.996	12.3	4.660	0.7	1.129	-2.295	-63.8	2.557
248339.4	843155.1	136.3	33.387	15.203	24.5	36.685	28.3	29.193	4.979	0.926	10.5	5.064	1.1	2.071	-2.440	-49.7	3.201
248338.6	843155.7	136.4	36.466	16.202	24.0	39.903	26.3	31.754	5.332	0.838	8.9	5.397	1.5	3.322	-2.585	-37.9	4.209
248337.8	843156.3	136.6	39.442	17.213	23.6	43.034	24.1	34.246	5.571	0.735	7.5	5.619	1.8	4.499	-2.663	-30.6	5.228
248337.0	843156.9	136.8	42.104	18.215	23.4	45.875	22.1	36.506	5.663	0.617	6.2	5.696	2.1	5.447	-2.669	-26.1	6.066
248336.2	843157.5	136.9	44.340	19.214	23.4	48.324	20.0	38.455	5.586	0.487	5.0	5.607	2.4	6.114	-2.612	-23.1	6.649
248335.5	843158.1	137.0	46.195	20.249	23.7	50.438	18.1	40.138	5.341	0.354	3.8	5.353	3.0	6.558	-2.502	-20.9	7.019
248334.7	843158.7	137.1	47.201	21.202	24.2	51.744	16.4	41.176	4.930	0.242	2.8	4.936	3.9	6.447	-2.324	-19.8	6.853
248333.9	843159.4	137.1	47.640	22.141	24.9	52.534	14.9	41.805	4.392	0.251	3.3	4.399	5.6	6.025	-2.104	-19.2	6.382
248333.1	843160.0	137.2	47.902	23.173	25.8	53.213	13.5	42.345	3.772	0.425	6.4	3.796	8.9	5.529	-1.836	-18.4	5.826
248332.3	843160.6	137.2	47.773	24.207	26.9	53.556	12.5	42.618	3.099	0.678	12.3	3.172	14.8	4.823	-1.523	-17.5	5.058
248331.5	843161.2	137.2	47.514	25.308	28.0	53.834	11.7	42.839	2.411	0.989	22.3	2.606	25.5	4.046	-1.157	-16.0	4.208
248330.7	843161.8	137.3	47.038	26.406	29.3	53.943	11.3	42.927	1.736	1.352	37.9	2.200	42.2	3.184	-0.764	-13.5	3.275
248329.9	843162.4	137.3	46.838	27.724	30.6	54.429	11.0	43.313	1.168	1.771	56.6	2.122	53.4	2.369	-0.243	-5.9	2.381
248329.1	843163.0	137.4	46.576	29.081	32.0	54.910	11.0	43.696	0.882	2.242	68.5	2.409	38.3	1.503	0.341	12.8	1.541
248328.3	843163.7	137.4	46.070	30.317	33.3	55.150	11.4	43.887	1.074	2.755	68.7	2.956	22.6	0.646	0.886	53.9	1.096
248327.6	843164.3	137.4	45.552	31.535	34.7	55.402	12.1	44.088	1.566	3.299	64.6	3.652	13.5	-0.163	1.455	-83.6	1.464
248326.8	843164.9	137.4	44.972	32.672	36.0	55.587	13.1	44.235	2.127	3.853	61.1	4.401	8.4	-0.915	2.030	-65.7	2.227
248326.0	843165.5	137.4	44.389	33.757	37.3	55.766	14.3	44.377	2.679	4.383	58.6	5.137	5.6	-1.654	2.672	-58.2	3.142
248325.2	843166.1	137.4	43.682	34.668	38.4	55.767	15.8	44.378	3.176	4.846	56.8	5.794	4.1	-2.372	3.335	-54.6	4.093
248324.4	843166.7	137.6	43.205	35.750	39.6	56.078	17.3	44.625	3.600	5.208	55.3	6.331	3.5	-3.313	4.348	-52.7	5.467
248323.6	843167.3	137.7	42.165	36.189	40.6	55.566	19.1	44.218	3.902	5.402	54.2	6.664	3.3	-4.066	5.066	-51.2	6.496
248322.8	843168.0	137.7	40.321	35.622	41.5	53.803	21.2	42.815	4.062	5.384	53.0	6.744	3.3	-4.408	5.197	-49.7	6.815
248322.0	843168.6	137.6	37.784	34.066	42.0	50.874	23.5	40.484	4.080	5.151	51.6	6.571	3.3	-4.296	4.737	-47.8	6.395
248321.2	843169.2	137.6	35.562	32.674	42.6	48.294	25.8	38.431	3.998	4.777	50.1	6.230	3.7	-4.448	4.606	-46.0	6.403
248320.4	843169.8	137.7	33.326	31.073	43.0	45.565	28.1	36.259	3.827	4.287	48.2	5.747	4.4	-4.597	4.440	-44.0	6.391
248319.7	843170.4	137.8	30.973	29.133	43.2	42.521	30.4	33.837	3.587	3.725	46.1	5.172	5.3	-4.588	4.072	-41.6	6.135
248318.9	843171.0	137.8	28.605	26.986	43.3	39.326	32.8	31.294	3.307	3.142	43.5	4.562	6.2	-4.447	3.566	-38.7	5.700
248318.1	843171.6	137.9	26.296	24.747	43.3	36.110	35.0	28.735	3.010	2.579	40.6	3.964	7.1	-4.194	2.982	-35.4	5.146
248317.3	843172.3	137.9	24.178	22.615	43.1	33.106	37.1	26.345	2.713	2.065	37.3	3.409	8.2	-3.955	2.448	-31.8	4.652
248316.5	843172.9	137.9	22.184	20.538	42.8	30.232	39.1	24.058	2.426	1.610	33.6	2.912	9.1	-3.651	1.917	-27.7	4.124
248315.7	843173.5	138.0	20.381	18.628	42.4	27.611	40.9	21.973	2.157	1.221	29.5	2.479	10.2	-3.370	1.457	-23.4	3.671
248314.9	843174.1	138.0	18.742	16.874	42.0	25.219	42.6	20.068	1.909	0.898	25.2	2.110	11.2	-3.096	1.058	-18.9	3.272
248314.1	843174.7	138.0	17.244	15.262	41.5	23.028	44.0	18.325	1.682	0.635	20.7	1.798	12.1	-2.819	0.712	-14.2	2.908
248313.3	843175.3	138.1	15.881	13.799	41.0	21.038	45.2	16.742	1.477	0.428	16.1	1.537	12.9	-2.552	0.422	-9.4	2.587
248312.6	843175.9	138.0	14.576	12.405	40.4	19.140	46.2	15.231	1.291	0.266	11.6	1.319	12.8	-2.205	0.173	-4.5	2.212
248311.8	843176.5	138.1	13.486	11.261	39.9	17.569	47.1	13.981	1.127	0.170	8.6	1.140	13.7	-2.019	-0.005	0.1	2.019
248311.0	843177.2	138.2	12.558	10.300	39.4	16.242	48.0	12.925	0.981	0.155	9.0	0.993	15.4	-1.936	-0.159	4.7	1.943
248310.2	843177.8	138.3	11.681	9.401	38.8	14.994	48.6	11.932	0.851	0.182	12.1	0.870	16.8	-1.810	-0.294	9.2	1.834
248309.4	843178.4	138.4	10.815	8.530	38.3	13.774	49.0	10.961	0.736	0.213	16.2	0.766	17.0	-1.602	-0.389	13.7	1.649
248308.6	843179.0	138.3	10.012	7.737	37.7	12.653	49.2	10.069	0.633	0.240	20.8	0.677	16.9	-1.395	-0.449	17.9	1.466
248307.8	843179.6	138.3	9.289	7.039	37.2	11.655	49.3	9.275	0.543	0.262	25.7	0.603	16.8	-1.222	-0.491	21.9	1.317
248307.0	843180.2	138.4	8.656	6.439	36.6	10.789	49.3	8.585	0.465	0.277	30.8	0.541	17.5	-1.102	-0.536	25.9	1.225

Centerline results between structures [redacted]-7R and [redacted]-8R

3D EMF Point Results Centerline from [redacted]-7R to [redacted]-8R:

Measurement			B					H	EF					Space Potential			
X (m)	Y (m)	Z (m)	Real (uT)	Imaginary (uT)	Angle (deg)	Magnitude (uT)	Polarization Axial Ratio %	Magnitude (A/m)	Real (kV/m)	Imaginary (kV/m)	Angle (deg)	Magnitude (kV/m)	Polarization Axial Ratio %	Real (kV)	Imaginary (kV)	Angle (deg)	Magnitude (kV)
248255.5	843065.1	137.9	21.507	13.185	31.5	25.227	22.0	20.075	0.682	1.051	57.0	1.252	30.5	0.655	1.336	63.9	1.488
248254.9	843064.3	137.9	21.550	13.207	31.5	25.275	21.9	20.113	0.680	1.052	57.1	1.253	30.0	0.637	1.309	64.1	1.456
248254.3	843063.5	137.9	21.620	13.245	31.5	25.355	21.8	20.177	0.680	1.055	57.2	1.255	29.5	0.622	1.286	64.2	1.429
248253.7	843062.7	137.9	21.718	13.297	31.5	25.465	21.7	20.264	0.681	1.059	57.3	1.259	29.2	0.609	1.267	64.3	1.406
248253.1	843061.9	137.9	21.840	13.363	31.5	25.604	21.6	20.375	0.683	1.063	57.3	1.264	28.9	0.599	1.252	64.4	1.388
248252.5	843061.1	137.9	21.955	13.424	31.4	25.734	21.5	20.478	0.683	1.068	57.4	1.268	28.2	0.583	1.225	64.6	1.356
248251.9	843060.3	137.9	22.142	13.525	31.4	25.946	21.3	20.647	0.687	1.074	57.4	1.275	28.3	0.581	1.222	64.6	1.353
248251.3	843059.5	137.9	22.349	13.638	31.4	26.181	21.1	20.834	0.692	1.081	57.4	1.284	28.4	0.581	1.222	64.6	1.353
248250.7	843058.7	137.9	22.559	13.753	31.4	26.420	20.9	21.024	0.696	1.088	57.4	1.292	28.3	0.578	1.216	64.6	1.346
248250.1	843057.9	137.9	22.786	13.877	31.3	26.679	20.7	21.230	0.701	1.095	57.4	1.300	28.3	0.576	1.212	64.6	1.342
248249.5	843057.2	137.9	23.029	14.010	31.3	26.955	20.5	21.450	0.705	1.103	57.4	1.309	28.3	0.575	1.209	64.6	1.339
248248.8	843056.4	137.9	23.285	14.150	31.3	27.248	20.3	21.683	0.711	1.111	57.4	1.319	28.4	0.575	1.207	64.5	1.337
248248.2	843055.6	137.9	23.554	14.298	31.3	27.554	20.1	21.927	0.716	1.118	57.4	1.328	28.5	0.575	1.207	64.5	1.337
248247.6	843054.8	137.9	23.834	14.452	31.2	27.873	19.8	22.181	0.722	1.126	57.4	1.338	28.6	0.577	1.207	64.5	1.338
248247.0	843054.0	137.9	24.123	14.611	31.2	28.203	19.6	22.443	0.727	1.134	57.3	1.347	28.7	0.578	1.208	64.4	1.339
248246.4	843053.2	137.9	24.420	14.775	31.2	28.542	19.4	22.713	0.733	1.142	57.3	1.357	28.9	0.580	1.209	64.4	1.341
248245.8	843052.4	137.9	24.719	14.940	31.1	28.883	19.2	22.984	0.738	1.149	57.3	1.366	29.0	0.581	1.208	64.3	1.340
248245.2	843051.6	137.9	25.028	15.111	31.1	29.236	18.9	23.265	0.744	1.157	57.3	1.375	29.2	0.583	1.209	64.2	1.342
248244.6	843050.8	137.9	25.352	15.290	31.1	29.606	18.7	23.560	0.750	1.164	57.2	1.384	29.5	0.588	1.214	64.2	1.349
248244.0	843050.0	137.9	25.673	15.468	31.1	29.973	18.5	23.851	0.755	1.171	57.2	1.393	29.7	0.591	1.216	64.1	1.352
248243.4	843049.2	137.9	25.998	15.648	31.0	30.344	18.3	24.147	0.761	1.178	57.1	1.402	29.9	0.594	1.218	64.0	1.355
248242.8	843048.4	137.9	26.327	15.831	31.0	30.720	18.0	24.446	0.766	1.185	57.1	1.411	30.2	0.597	1.220	63.9	1.359
248242.2	843047.6	137.9	26.659	16.015	31.0	31.100	17.8	24.748	0.772	1.191	57.1	1.419	30.4	0.601	1.222	63.8	1.362

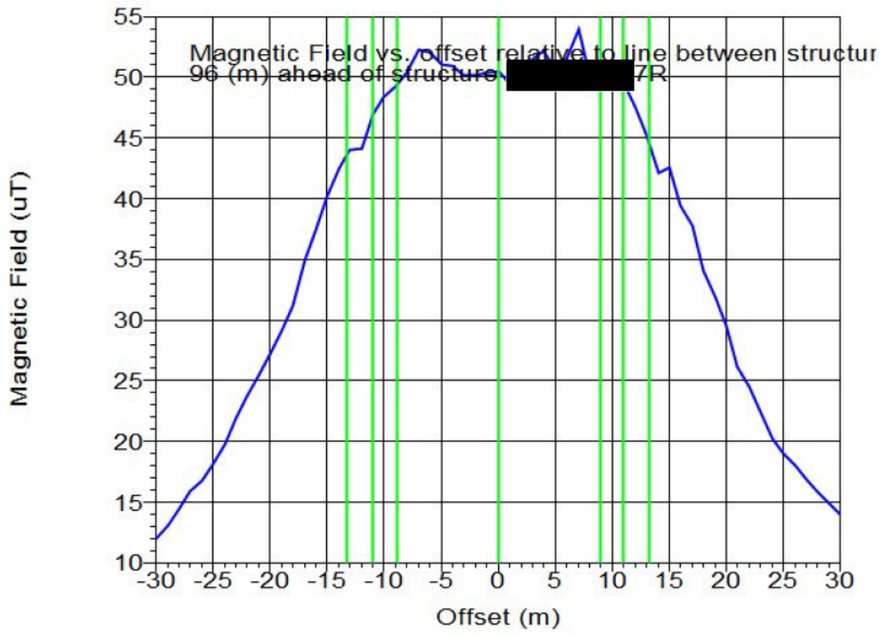
248241.6	843046.8	137.9	26.994	16.201	31.0	31.482	17.6	25.053	0.777	1.197	57.0	1.427	30.7	0.604	1.224	63.7	1.365
248240.9	843046.0	137.9	27.331	16.388	30.9	31.868	17.4	25.360	0.783	1.203	57.0	1.435	31.0	0.608	1.227	63.6	1.369
248240.3	843045.2	137.9	27.671	16.576	30.9	32.256	17.2	25.668	0.788	1.209	56.9	1.443	31.3	0.612	1.229	63.5	1.373
248239.7	843044.4	137.9	28.012	16.765	30.9	32.646	17.0	25.979	0.793	1.215	56.9	1.451	31.6	0.616	1.231	63.4	1.376
248239.1	843043.7	137.9	28.355	16.955	30.9	33.038	16.8	26.290	0.798	1.220	56.8	1.458	31.9	0.620	1.233	63.3	1.380
248238.5	843042.9	137.9	28.699	17.146	30.9	33.431	16.6	26.603	0.803	1.225	56.8	1.465	32.3	0.625	1.235	63.2	1.384
248237.9	843042.1	137.9	29.044	17.338	30.8	33.825	16.4	26.917	0.808	1.230	56.7	1.472	32.6	0.629	1.237	63.0	1.388
248237.3	843041.3	137.9	29.390	17.529	30.8	34.221	16.2	27.232	0.813	1.235	56.6	1.479	33.0	0.635	1.240	62.9	1.393
248236.7	843040.5	137.9	29.737	17.722	30.8	34.617	16.0	27.548	0.818	1.239	56.6	1.485	33.4	0.640	1.242	62.7	1.397
248236.1	843039.7	137.9	30.085	17.914	30.8	35.014	15.8	27.864	0.823	1.244	56.5	1.491	33.8	0.646	1.244	62.5	1.402
248235.5	843038.9	137.9	30.433	18.107	30.8	35.412	15.6	28.180	0.827	1.248	56.4	1.497	34.2	0.653	1.247	62.4	1.408
248234.9	843038.1	137.9	30.781	18.299	30.7	35.810	15.4	28.496	0.832	1.251	56.4	1.503	34.7	0.661	1.250	62.1	1.414
248234.3	843037.3	137.9	31.129	18.492	30.7	36.208	15.2	28.813	0.837	1.255	56.3	1.508	35.2	0.669	1.253	61.9	1.420
248233.7	843036.5	137.9	31.478	18.685	30.7	36.606	15.0	29.130	0.841	1.258	56.2	1.514	35.7	0.678	1.256	61.6	1.427
248233.0	843035.7	137.9	31.793	18.859	30.7	36.966	14.8	29.416	0.844	1.261	56.2	1.517	35.9	0.681	1.248	61.4	1.422
248232.4	843034.9	137.9	32.159	19.061	30.7	37.384	14.6	29.749	0.849	1.264	56.1	1.523	36.6	0.695	1.258	61.1	1.437
248231.8	843034.1	137.9	32.449	19.220	30.6	37.714	14.4	30.012	0.850	1.266	56.1	1.525	36.6	0.695	1.242	60.8	1.423
248231.2	843033.3	137.8	32.566	19.283	30.6	37.847	14.3	30.118	0.840	1.266	56.4	1.519	34.9	0.662	1.169	60.5	1.344
248230.6	843032.5	137.8	32.831	19.428	30.6	38.148	14.2	30.357	0.839	1.267	56.5	1.519	34.7	0.659	1.147	60.1	1.323
248230.0	843031.7	137.9	33.498	19.799	30.6	38.912	13.8	30.965	0.864	1.273	55.8	1.538	38.6	0.734	1.258	59.7	1.456
248229.4	843030.9	137.9	33.642	19.876	30.6	39.075	13.7	31.095	0.855	1.272	56.1	1.533	37.2	0.709	1.196	59.3	1.391
248228.8	843030.2	137.8	33.656	19.881	30.6	39.090	13.7	31.107	0.838	1.270	56.6	1.522	34.6	0.661	1.094	58.9	1.278
248228.2	843029.4	137.9	34.312	20.245	30.5	39.839	13.3	31.703	0.863	1.275	55.9	1.540	38.4	0.733	1.201	58.6	1.407
248227.6	843028.6	137.7	34.229	20.196	30.5	39.743	13.3	31.627	0.840	1.271	56.6	1.524	34.9	0.667	1.070	58.0	1.261
248227.0	843027.8	137.9	35.028	20.639	30.5	40.656	12.9	32.353	0.875	1.278	55.6	1.549	40.2	0.765	1.222	58.0	1.442
248226.4	843027.0	137.8	35.102	20.678	30.5	40.739	12.9	32.419	0.861	1.276	56.0	1.539	38.3	0.728	1.144	57.5	1.357
248225.8	843026.2	137.7	35.072	20.658	30.5	40.704	12.8	32.391	0.842	1.272	56.5	1.526	35.3	0.673	1.035	57.0	1.235
248225.1	843025.4	137.9	35.988	21.167	30.5	41.751	12.4	33.224	0.886	1.280	55.3	1.557	42.0	0.788	1.225	57.2	1.457
248224.5	843024.6	137.6	35.395	20.832	30.5	41.071	12.6	32.683	0.829	1.269	56.8	1.516	33.3	0.632	0.944	56.2	1.136
248223.9	843023.8	137.7	36.081	21.213	30.5	41.855	12.3	33.307	0.857	1.273	56.0	1.535	37.7	0.706	1.065	56.5	1.277
248223.3	843023.0	137.8	36.665	21.536	30.4	42.522	12.0	33.838	0.880	1.276	55.4	1.550	41.2	0.760	1.153	56.6	1.381
248222.7	843022.2	137.7	36.813	21.615	30.4	42.689	11.9	33.971	0.873	1.273	55.5	1.544	40.2	0.737	1.109	56.4	1.332
248222.1	843021.4	137.5	36.246	21.296	30.4	42.039	12.1	33.454	0.821	1.262	57.0	1.505	31.9	0.589	0.848	55.2	1.033
248221.5	843020.6	137.8	37.683	22.095	30.4	43.683	11.4	34.762	0.901	1.274	54.7	1.560	44.5	0.794	1.200	56.5	1.439
248220.9	843019.8	137.7	37.697	22.100	30.4	43.697	11.3	34.773	0.885	1.268	55.1	1.547	42.4	0.751	1.122	56.2	1.350
248220.3	843019.0	137.5	36.959	21.733	30.5	42.875	11.6	34.119	0.825	1.260	56.8	1.506	33.9	0.558	0.907	58.4	1.066
248219.7	843018.2	137.8	38.307	22.486	30.4	44.419	11.0	35.348	0.911	1.270	54.3	1.563	46.1	0.829	1.217	55.7	1.473
248219.1	843017.4	137.8	38.719	22.714	30.4	44.889	10.8	35.722	0.926	1.270	53.9	1.571	48.3	0.860	1.260	55.7	1.525
248218.5	843016.6	137.6	38.087	22.360	30.4	44.165	11.0	35.146	0.863	1.255	55.5	1.524	39.7	0.716	1.000	54.4	1.230
248217.9	843015.9	137.6	38.623	22.656	30.4	44.778	10.8	35.633	0.886	1.257	54.8	1.538	43.3	0.773	1.080	54.4	1.328
248217.2	843015.1	137.7	39.415	23.095	30.4	45.682	10.4	36.353	0.929	1.263	53.7	1.568	49.7	0.873	1.230	54.6	1.508
248216.6	843014.3	137.6	39.006	22.865	30.4	45.213	10.5	35.980	0.882	1.252	54.8	1.531	43.4	0.775	1.037	53.2	1.295
248216.0	843013.5	137.4	38.591	22.632	30.4	44.738	10.7	35.601	0.838	1.242	56.0	1.498	37.0	0.678	0.840	51.1	1.079
248215.4	843012.7	137.7	40.198	23.524	30.3	46.575	9.9	37.063	0.941	1.259	53.2	1.572	52.2	0.918	1.218	53.0	1.525
248214.8	843011.9	137.7	40.385	23.626	30.3	46.788	9.7	37.233	0.940	1.257	53.2	1.570	52.3	0.925	1.192	52.2	1.508
248214.2	843011.1	137.7	40.567	23.726	30.3	46.996	9.6	37.398	0.938	1.255	53.2	1.567	52.4	0.933	1.163	51.3	1.491
248213.6	843010.3	137.4	39.511	23.137	30.4	45.786	10.1	36.436	0.842	1.236	55.7	1.496	39.2	0.742	0.787	46.7	1.082
248213.0	843009.5	137.3	39.587	23.177	30.3	45.873	10.0	36.504	0.833	1.233	56.0	1.489	38.1	0.737	0.729	44.7	1.037
248212.4	843008.7	137.5	40.801	23.851	30.3	47.260	9.4	37.609	0.909	1.245	53.8	1.542	49.4	0.916	0.992	47.3	1.350
248211.8	843007.9	137.5	40.758	23.825	30.3	47.211	9.4	37.569	0.891	1.240	54.3	1.527	47.2	0.894	0.902	45.3	1.271
248211.2	843007.1	137.1	39.656	23.210	30.3	45.949	9.8	36.565	0.798	1.223	56.9	1.460	33.4	0.704	0.516	36.2	0.872
248210.6	843006.3	137.4	40.854	23.875	30.3	47.319	9.2	37.655	0.870	1.231	54.8	1.508	44.9	0.884	0.780	41.4	1.179
248210.0	843005.5	137.4	41.325	24.136	30.3	47.858	9.0	38.084	0.894	1.232	54.0	1.522	48.6	0.946	0.840	41.6	1.265
248209.3	843004.7	137.1	40.233	23.527	30.3	46.608	9.5	37.089	0.800	1.215	56.6	1.455	34.9	0.763	0.468	31.5	0.895
248208.7	843003.9	137.3	41.470	24.213	30.3	48.021	8.8	38.214	0.880	1.223	54.3	1.507	47.3	0.948	0.750	38.3	1.208
248208.1	843003.1	137.2	41.325	24.132	30.3	47.855	8.9	38.082	0.857	1.216	54.8	1.487	44.4	0.916	0.651	35.4	1.124
248207.5	843002.4	137.0	40.311	23.566	30.3	46.694	9.3	37.158	0.775	1.201	57.2	1.429	31.7	0.748	0.312	22.6	0.810
248206.9	843001.6	137.0	40.681	23.771	30.3	47.117	9.1	37.495	0.789	1.198	56.6	1.435	34.7	0.798	0.367	24.7	0.878
248206.3	843000.8	137.2	41.987	24.496	30.3	48.611	8.4	38.683	0.877	1.205	54.0	1.491	48.5	0.992	0.684	34.6	1.205
248205.7	843000.0	137.1	41.439	24.190	30.3	47.983	8.6	38.183	0.825	1.192	55.3	1.450	41.3	0.900	0.495	28.8	1.027
248205.1	842999.2	137.0	41.499	24.222	30.3	48.051	8.6	38.238	0.821	1.186	55.3	1.443	41.1	0.902	0.479	28.0	1.021
248204.5	842998.4	137.3	42.705	24.892	30.2	49.430	8.0	39.335	0.909	1.193	52.7	1.500	54.3	1.077	0.777	35.8	1.328
248203.9	842997.6	136.8	41.080	23.986	30.3	47.570	8.7	37.855	0.777	1.168	56.4	1.403	34.8	0.823	0.312	20.7	0.880
248203.3	842996.8	136.8	41.150	24.025	30.3	47.650	8.6	37.919	0.775	1.162	56.3	1.396	35.0	0.829	0.314	20.7	0.886
248202.7	842996.0	136.8	41.440	24.185	30.3	47.982	8.4	38.182	0.788	1.157	55.7	1.400	37.9	0.869	0.381	23.7	0.949
248202.1	842995.2	137.2	43.001	25.053	30.2	49.767	7.6	39.603	0.905	1.168	52.2	1.477	56.0	1.102	0.791	35.7	1.356
248201.4	842994.4	136.8	41.577	24.259	30.3	48.137	8.3	38.306	0.786	1.143	55.5	1.387	38.7	0.886	0.404	24.5	0.974
248200.8	842993.6	136.7	41.355	24.135	30.3	47.882	8.4	38.103	0.764	1.134	56.0	1.368	35.8	0.853	0.341	21.8	0.919
248200.2	842992.8	137.1	43.305	25.220	30.2	50.114	7.4	39.879	0.912	1.151	51.6	1.468	59.0	1.148	0.859	36.8	1.434
248199.6	842992.0	136.8	42.437	24.735	30.2	49.120	7.8	39.088	0.833	1.132	53.7	1.405	48.4	1.024	0.633	31.7	1.204
248199.0	842991.2	137.0	43.334	25.234	30.2	50.146	7.3	39.905	0.903	1.138	51.6	1.453	59.3	1.162	0.870	36.8	1.452
248198.4	842990.4	137.0	43.611	25.388	30.2	50.463	7.1	40.157	0.922	1.137	50.9	1.463	62.7	1.210	0.945	38.0	1.535
248197.8	842989.6	136.9	43.083	25.093	30.2	49.858	7.3	39.676	0.870	1.123	52.2	1.420	56.1	1.143	0.813	35.4	1.403
248197.2	842988.9	137.0	43.658	25.413	30.2	50.515	7.0	40.199	0.916	1.126	50.9	1.451	63.2	1.235	0.965	38.0	1.568
248196.6	842988.1	136.8	43.012	25.053	30.2	49.777	7.3	39.611	0.853	1.111	52.5	1.400	55.1	1.154	0.805	34.9	1.407
248196.0	842987.3	136.5	41.852	24.406	30.2	48.448	7.8	38.554	0.755	1.091	55.3	1.326	40.5	0.995	0.509	27.1	1.118
248195.4	842986.5	136.4	41.831	24.394	30.2	48.424	7.8	38.534	0.748	1.086	55.4	1.319	40.1	1.002	0.511	27.0	1.125
248194.8	842985.7	136.8	43.435	25.287	30.2	50.259	6.9	39.995	0.877	1.101	51.5	1.408	60.4	1.240	0.934	37.0	1.552
248194.2	842984.9	136.7	43.137	25.121	30.2	49.918	7.0	39.724	0.847	1.092	52.2	1.382	56.7	1.203	0.867	35.8	1.483
248193.5	842984.1	136.4	41.965	24.467	30.2	48.577	7.6	38.656	0.747	1.072	55.1	1.307	41.6	1.037	0.576	29.0	1.186
248192.9	842983.3	136.2	41.228	24.057	30.3	47.733	7.9	37.985	0.693	1.060	56.8	1.266	32.2	0.928	0.396	23.1	1.009
248192.3	842982.5	136.2	41.668	24.301	30.3	48.236	7.7	38.385	0.722	1.058	55.7	1.281	38.0	0.986	0.530	28.2	1.119
248191.7	842981.7	136.3	41.831	24.392	30.2	48.424	7.5	38.534	0.733	1.053	55.2	1.284	40.3	0.999	0.593	30.7	1.162
248191.1	842980.9	136.2	41.592	24.259	30.3	48.150	7.6	38.316	0.716	1.045	55.6	1.267	37.5	0.949	0.554	30.3	1.099
248190.5	842980.1	136.1	41.603	24.265	30.3	48.162	7.6	38.326	0.718	1.039	55.4	1.263	38.0	0.932	0.584	32.1	1.100
248189.9	842979.3	136.2	41.997	24.485	30.2	48.614	7.3	38.685	0.748	1.037	54.2	1.279	43.6	0.966	0.715	36.5	1.202
248189.3	842978.5	136.2	42.034	24.505	30.2	48.656	7.3	38.719	0.753	1.032	53.9	1.278	44.6	0.946	0.755	38.6	1.210

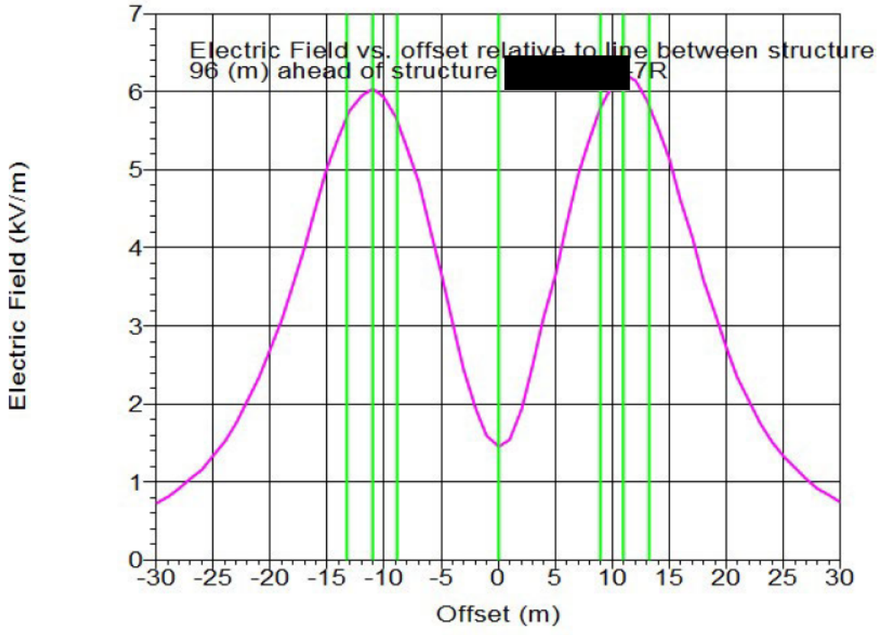
248188.7	842977.7	136.0	41.515	24.216	30.3	48.061	7.5	38.246	0.717	1.021	54.9	1.248	38.2	0.842	0.652	37.8	1.065
248188.1	842976.9	136.2	42.126	24.557	30.2	48.761	7.1	38.803	0.764	1.023	53.3	1.277	46.8	0.902	0.842	43.0	1.234
248187.5	842976.1	136.4	43.190	25.150	30.2	49.980	6.5	39.772	0.855	1.035	50.5	1.342	61.6	1.026	1.141	48.1	1.534
248186.9	842975.4	136.3	42.580	24.810	30.2	49.281	6.8	39.217	0.804	1.022	51.8	1.300	54.0	0.909	1.019	48.3	1.365
248186.3	842974.6	135.9	41.270	24.080	30.3	47.781	7.5	38.023	0.706	1.002	54.8	1.226	37.1	0.686	0.715	46.2	0.991
248185.6	842973.8	135.6	40.177	23.472	30.3	46.531	8.0	37.029	0.645	0.989	56.9	1.181	23.1	0.492	0.459	43.0	0.673
248185.0	842973.0	136.0	41.619	24.276	30.3	48.182	7.2	38.342	0.732	1.001	53.8	1.240	42.9	0.686	0.862	51.5	1.102
248184.4	842972.2	135.9	41.482	24.200	30.3	48.025	7.2	38.217	0.723	0.997	54.0	1.232	41.7	0.643	0.854	53.0	1.069
248183.8	842971.4	136.0	41.949	24.461	30.2	48.559	6.9	38.642	0.760	1.002	52.8	1.257	48.8	0.693	0.999	55.3	1.216
248183.2	842970.6	136.3	42.990	25.042	30.2	49.752	6.4	39.591	0.850	1.018	50.1	1.327	64.0	0.830	1.286	57.1	1.530
248182.6	842969.8	136.2	42.705	24.884	30.2	49.426	6.5	39.332	0.828	1.012	50.7	1.308	61.1	0.774	1.240	58.0	1.462
248182.0	842969.0	136.0	42.078	24.535	30.2	48.708	6.8	38.761	0.777	1.001	52.2	1.267	53.4	0.670	1.107	58.8	1.294
248181.4	842968.2	136.0	42.033	24.511	30.2	48.658	6.7	38.721	0.777	1.000	52.2	1.266	53.9	0.655	1.120	59.7	1.297
248180.8	842967.4	136.1	42.425	24.730	30.2	49.106	6.5	39.078	0.814	1.007	51.0	1.295	60.5	0.708	1.241	60.3	1.429
248180.2	842966.6	136.3	43.119	25.119	30.2	49.902	6.1	39.711	0.882	1.021	49.2	1.349	71.6	0.807	1.435	60.6	1.647
248179.6	842965.8	135.9	41.769	24.367	30.3	48.357	6.8	38.481	0.767	0.996	52.4	1.257	53.8	0.607	1.121	61.6	1.274
248179.0	842965.0	135.6	40.762	23.806	30.3	47.205	7.2	37.564	0.692	0.981	54.8	1.201	41.0	0.456	0.883	62.7	0.994
248178.4	842964.2	135.5	40.311	23.556	30.3	46.689	7.4	37.154	0.665	0.975	55.7	1.181	36.0	0.391	0.785	63.5	0.877
248177.7	842963.4	135.8	41.645	24.301	30.3	48.217	6.7	38.370	0.771	0.996	52.3	1.259	56.0	0.603	1.146	62.3	1.295
248177.1	842962.6	135.4	39.989	23.379	30.3	46.321	7.5	36.861	0.651	0.972	56.2	1.170	34.0	0.357	0.733	64.1	0.816
248176.5	842961.9	135.4	39.998	23.385	30.3	46.332	7.5	36.870	0.654	0.973	56.1	1.173	35.3	0.370	0.749	63.7	0.835
248175.9	842961.1	135.4	40.002	23.389	30.3	46.338	7.5	36.875	0.658	0.974	56.0	1.175	36.6	0.384	0.761	63.2	0.852
248175.3	842960.3	135.6	40.786	23.828	30.3	47.237	7.0	37.590	0.719	0.986	53.9	1.220	48.8	0.520	0.974	61.9	1.104
248174.7	842959.5	135.9	41.670	24.322	30.3	48.249	6.5	38.396	0.798	1.002	51.5	1.281	62.4	0.671	1.207	60.9	1.381
248174.1	842958.7	136.0	42.065	24.544	30.3	48.702	6.2	38.756	0.840	1.011	50.3	1.314	69.1	0.749	1.312	60.3	1.511
248173.5	842957.9	135.5	40.185	23.498	30.3	46.551	7.2	37.044	0.684	0.979	55.1	1.194	43.4	0.483	0.833	59.9	0.963
248172.9	842957.1	135.5	40.268	23.545	30.3	46.646	7.1	37.120	0.694	0.981	54.7	1.201	45.6	0.518	0.858	58.9	1.002
248172.3	842956.3	135.6	40.522	23.689	30.3	46.939	6.9	37.353	0.718	0.985	53.9	1.218	50.2	0.582	0.928	57.9	1.096
248171.7	842955.5	135.8	41.409	24.186	30.3	47.954	6.4	38.161	0.800	0.999	51.3	1.280	64.1	0.744	1.162	57.4	1.380
248171.1	842954.7	135.8	41.302	24.128	30.3	47.833	6.4	38.065	0.795	0.997	51.4	1.275	63.7	0.756	1.140	56.5	1.368
248170.5	842953.9	135.4	39.851	23.321	30.3	46.173	7.2	36.744	0.678	0.973	55.2	1.186	44.0	0.564	0.766	53.6	0.951
248169.8	842953.1	135.4	39.812	23.302	30.3	46.130	7.2	36.709	0.679	0.971	55.0	1.185	44.8	0.591	0.765	52.3	0.967
248169.2	842952.3	135.5	40.199	23.520	30.3	46.575	6.9	37.063	0.716	0.975	53.7	1.210	51.9	0.687	0.880	52.0	1.116
248168.6	842951.5	135.7	40.723	23.815	30.3	47.175	6.6	37.541	0.769	0.982	51.9	1.248	61.1	0.804	1.034	52.1	1.310
248168.0	842950.7	135.7	40.804	23.863	30.3	47.269	6.5	37.616	0.785	0.982	51.4	1.257	64.1	0.856	1.074	51.5	1.374
248167.4	842949.9	135.7	40.526	23.711	30.3	46.953	6.6	37.364	0.769	0.976	51.8	1.242	62.0	0.855	1.025	50.2	1.335
248166.8	842949.1	135.4	39.552	23.170	30.4	45.839	7.1	36.477	0.693	0.958	54.1	1.182	49.6	0.748	0.792	46.6	1.090
248166.2	842948.4	135.4	39.486	23.136	30.4	45.765	7.1	36.418	0.697	0.955	53.9	1.182	50.8	0.783	0.807	45.9	1.124
248165.6	842947.6	135.4	39.415	23.100	30.4	45.685	7.1	36.355	0.702	0.952	53.6	1.183	52.2	0.818	0.826	45.3	1.162
248165.0	842946.8	135.5	39.691	23.257	30.4	46.003	6.9	36.608	0.738	0.954	52.3	1.206	58.9	0.907	0.944	46.1	1.309
248164.4	842946.0	135.5	39.507	23.157	30.4	45.794	6.9	36.441	0.736	0.948	52.2	1.201	59.2	0.937	0.943	45.2	1.329
248163.8	842945.2	135.7	40.305	23.605	30.4	46.709	6.4	37.169	0.828	0.961	49.3	1.269	74.5	1.108	1.213	47.6	1.643
248163.2	842944.4	135.5	39.600	23.216	30.4	45.903	6.8	36.529	0.777	0.947	50.6	1.225	67.0	1.051	1.087	46.0	1.512
248162.6	842943.6	135.3	38.816	22.783	30.4	45.008	7.2	35.816	0.723	0.932	52.2	1.179	58.4	0.982	0.945	43.9	1.363
248161.9	842942.8	135.3	38.669	22.704	30.4	44.841	7.2	35.684	0.729	0.928	51.9	1.180	59.9	1.013	0.983	44.1	1.412
248161.3	842942.0	135.4	38.693	22.722	30.4	44.872	7.2	35.708	0.752	0.926	50.9	1.193	64.5	1.074	1.077	45.1	1.521
248160.7	842941.2	135.3	38.228	22.467	30.4	44.341	7.4	35.286	0.732	0.917	51.4	1.173	61.7	1.061	1.045	44.6	1.489
248160.1	842940.4	135.2	38.048	22.371	30.5	44.137	7.5	35.123	0.740	0.913	51.0	1.175	63.7	1.096	1.101	45.1	1.553
248159.5	842939.6	135.2	37.862	22.271	30.5	43.927	7.5	34.956	0.749	0.909	50.5	1.178	66.0	1.134	1.165	45.8	1.625
248158.9	842938.8	135.1	37.336	21.983	30.5	43.328	7.8	34.479	0.729	0.899	50.9	1.157	63.4	1.122	1.144	45.6	1.602
248158.3	842938.0	135.1	37.099	21.856	30.5	43.059	7.9	34.265	0.739	0.894	50.4	1.160	65.8	1.162	1.214	46.3	1.680
248157.7	842937.2	134.9	36.526	21.542	30.5	42.405	8.2	33.745	0.719	0.883	50.8	1.139	63.2	1.152	1.200	46.2	1.664
248157.1	842936.4	134.8	35.957	21.231	30.6	41.757	8.5	33.229	0.703	0.873	51.1	1.121	61.3	1.149	1.198	46.2	1.660
248156.5	842935.6	135.0	36.293	21.422	30.6	42.143	8.2	33.537	0.774	0.880	48.7	1.172	74.6	1.302	1.463	48.3	1.959
248155.9	842934.9	135.0	36.378	21.475	30.6	42.244	8.1	33.616	0.827	0.884	46.9	1.211	84.6	1.420	1.667	49.6	2.190
248155.3	842934.1	135.0	36.228	21.397	30.6	42.075	8.2	33.482	0.860	0.885	45.8	1.234	91.4	1.507	1.815	50.3	2.359
248154.7	842933.3	135.0	35.993	21.272	30.6	41.808	8.3	33.270	0.888	0.884	44.9	1.253	96.9	1.586	1.949	50.9	2.513
248154.0	842932.5	135.0	35.741	21.137	30.6	41.524	8.4	33.043	0.918	0.884	43.9	1.274	95.6	1.669	2.089	51.4	2.674
248153.4	842931.7	135.0	35.543	21.034	30.6	41.300	8.5	32.866	0.956	0.887	42.8	1.304	89.0	1.767	2.250	51.9	2.861
248152.8	842930.9	134.7	34.341	20.373	30.7	39.930	9.1	31.775	0.896	0.862	43.9	1.244	95.9	1.709	2.147	51.5	2.744
248152.2	842930.1	134.2	32.625	19.428	30.8	37.972	10.2	30.217	0.791	0.826	46.2	1.144	86.2	1.566	1.901	50.5	2.463
248151.6	842929.3	133.7	30.963	18.513	30.9	36.075	11.1	28.708	0.699	0.793	48.6	1.057	71.0	1.427	1.666	49.4	2.194
248151.0	842928.5	133.2	29.355	17.629	31.0	34.242	12.1	27.249	0.620	0.764	51.0	0.984	57.2	1.293	1.442	48.1	1.937
248150.4	842927.7	132.7	27.805	16.776	31.1	32.473	13.0	25.842	0.555	0.739	53.1	0.924	44.4	1.164	1.228	46.5	1.692
248149.8	842926.9	132.2	26.311	15.955	31.2	30.770	13.9	24.486	0.505	0.716	54.8	0.876	32.7	1.038	1.025	44.6	1.458
248149.2	842926.1	131.7	24.875	15.164	31.4	29.133	14.8	23.183	0.468	0.695	56.1	0.838	21.9	0.914	0.830	42.2	1.235
248148.6	842925.3	131.2	23.496	14.404	31.5	27.560	15.7	21.932	0.444	0.677	56.7	0.810	11.9	0.792	0.643	39.1	1.020
248148.0	842924.5	130.7	22.174	13.675	31.7	26.051	16.6	20.731	0.432	0.661	56.8	0.790	2.9	0.669	0.461	34.6	0.812
248147.4	842923.7	130.2	20.907	12.975	31.8	24.606	17.4	19.581	0.429	0.647	56.4	0.777	6.9	0.544	0.283	27.5	0.613
248146.8	842922.9	129.7	19.696	12.304	32.0	23.223	18.2	18.481	0.435	0.635	55.6	0.770	15.4	0.416	0.106	14.3	0.430
248146.1	842922.1	129.2	18.539	11.661	32.2	21.902	19.0	17.429	0.448	0.626	54.4	0.770	23.7	0.284	-0.070	-13.9	0.292
248145.5	842921.4	128.7	17.436	11.046	32.4	20.640	19.7	16.425	0.465	0.619	53.1	0.775	31.8	0.146	-0.248	-59.5	0.288
248144.9	842920.6	128.2	16.385	10.459	32.5	19.439	20.4	15.469	0.488	0.615	51.6	0.785	39.7	0.002	-0.428	-89.7	0.428
248144.3	842919.8	128.0	15.860	10.168	32.7	18.839	20.6	14.992	0.480	0.608	51.7	0.775	36.7	-0.005	-0.406	89.3	0.406
248143.7	842919.0	128.0	15.601	10.029	32.7	18.546	20.7	14.759	0.461	0.599	52.4	0.756	28.4	0.061	-0.279	-77.6	0.285
248143.1	842918.2	128.0	15.330	9.882	32.8	18.239	20.7	14.514	0.449	0.592	52.8	0.743	21.1	0.120	-0.166	-54.1	0.204
248142.5	842917.4	128.0	15.047	9.727	32.9	17.917	20.8	14.258	0.441	0.586	53.0	0.733	14.7	0.170	-0.066	-21.2	0.183
248141.9	842916.6	128.0	14.751	9.563	33.0	17.580	20.7	13.990	0.438	0.579	52.9	0.726	9.2	0.214	0.020	5.4	0.215
248141.3	842915.8	128.0	14.444	9.391	33.0	17.229	20.7	13.710	0.436	0.573	52.7	0.720	4.4	0.251	0.094	20.6	0.268
248140.7	842915.0	128.0	14.126	9.211	33.1	16.864	20.6	13.420	0.436	0.565	52.4	0.714	0.8	0.282	0.157	29.1	0.322
248140.1	842914.2	128.0	13.798	9.023	33.2	16.486	20.4	13.119	0.435	0.556	52.0	0.706	3.4	0.306	0.208	34.2	0.370
248139.5	842913.4	128.0	13.460	8.828	33.3	16.097	20.2	12.809	0.434	0.546	51.5	0.698	6.4	0.325	0.250	37.6	0.410
248138.9	842912.6	128.0	13.115	8.626	33.3	15.698	20.0	12.492	0.432	0.535	51.1	0.688	8.9	0.339	0.283	39.8	0.442
248138.2	842911.8	128.0	12.764	8.419	33.4	15.291	19.6	12.168	0.429	0.522	50.6	0.676	11.1	0.349	0.308	41.5	0.465
248137.6	842911.0	128.0	12.409	8.208	33.5	14.878	19.2	11.839	0.423	0.509	50.2	0.662	12.9	0.354	0.326	42.7	0.481
248137.0	842910.2	128.0	12.053	7.994	33.6	14.462	18.7	11.509	0.416	0.494	49.9	0.646	14.4	0.355	0.338	43.7	0.490
248136.4	842909.4	128.0	11.697	7.778	33.6	14.047	18.2	11.179	0.407	0.478	49.6	0.628	15.7	0.352	0.345	44.5	0.493

248135.8	842908.6	128.0	11.346	7.564	33.7	13.636	17.5	10.851	0.395	0.462	49.4	0.608	16.7	0.345	0.348	45.2	0.490
248135.2	842907.8	128.0	11.001	7.353	33.8	13.232	16.8	10.529	0.381	0.446	49.4	0.587	17.5	0.335	0.348	46.0	0.483
248134.6	842907.1	128.0	10.665	7.146	33.8	12.838	16.0	10.216	0.365	0.430	49.6	0.564	18.2	0.322	0.345	47.0	0.472
248134.0	842906.3	128.0	10.341	6.946	33.9	12.458	15.2	9.913	0.347	0.415	50.1	0.541	18.7	0.306	0.341	48.1	0.458
248133.4	842905.5	128.0	10.031	6.755	34.0	12.094	14.3	9.624	0.326	0.401	50.9	0.517	19.1	0.286	0.336	49.6	0.441
248132.8	842904.7	128.0	9.737	6.574	34.0	11.749	13.4	9.350	0.302	0.389	52.2	0.493	19.4	0.264	0.331	51.5	0.424
248132.2	842903.9	128.0	9.461	6.405	34.1	11.425	12.5	9.092	0.276	0.380	54.0	0.470	19.5	0.238	0.328	54.0	0.405
248131.6	842903.1	128.0	9.203	6.249	34.2	11.124	11.6	8.852	0.247	0.373	56.5	0.448	19.6	0.210	0.326	57.2	0.388
248130.9	842902.3	128.0	8.963	6.107	34.3	10.846	10.7	8.631	0.216	0.370	59.7	0.429	19.6	0.179	0.326	61.3	0.372
248130.3	842901.5	128.0	8.742	5.979	34.4	10.591	9.9	8.428	0.183	0.371	63.8	0.413	19.4	0.144	0.330	66.4	0.360
248129.7	842900.7	128.0	8.539	5.866	34.5	10.359	9.2	8.244	0.147	0.376	68.6	0.404	19.1	0.107	0.337	72.4	0.353

Max BF along centerline is 50.515 (uT) at 96.000 (m) from structure [redacted]-7R

Cross section results at max BF along centerline between structures [redacted]-7R and [redacted]-8R





3D EMF Point Results Span from [redacted]-7R to [redacted]-8R:

Measurement			B					H	EF					Space Potential			
X (m)	Y (m)	Z (m)	Real (uT)	Imaginary (uT)	Angle (deg)	Magnitude (uT)	Polarization Axial Ratio %	Magnitude (A/m)	Real (kV/m)	Imaginary (kV/m)	Angle (deg)	Magnitude (kV/m)	Polarization Axial Ratio %	Real (kV)	Imaginary (kV)	Angle (deg)	Magnitude (kV)
248221.0	842970.6	135.2	10.001	6.606	33.4	11.985	42.2	9.538	0.186	0.703	75.2	0.727	5.0	-0.193	0.283	-55.7	0.342
248220.2	842971.2	135.6	11.032	7.170	33.0	13.157	42.6	10.470	0.269	0.765	70.6	0.811	1.7	-0.104	-0.076	36.1	0.129
248219.4	842971.8	136.1	12.223	7.800	32.5	14.499	43.0	11.538	0.375	0.831	65.7	0.912	4.1	0.080	-0.499	-80.9	0.505
248218.6	842972.4	136.5	13.522	8.447	32.0	15.944	43.2	12.688	0.505	0.900	60.7	1.032	7.3	0.332	-0.887	-69.5	0.947
248217.8	842973.1	136.1	14.348	8.719	31.3	16.790	42.2	13.361	0.654	0.966	55.9	1.166	4.0	0.210	-0.566	-69.7	0.604
248217.0	842973.7	136.1	15.577	9.216	30.6	18.099	41.6	14.403	0.836	1.033	51.0	1.329	4.0	0.296	-0.604	-63.8	0.673
248216.2	842974.3	136.3	17.125	9.847	29.9	19.754	41.0	15.720	1.053	1.100	46.3	1.523	5.2	0.576	-0.827	-55.2	1.007
248215.5	842974.9	136.6	19.155	10.673	29.1	21.928	40.5	17.450	1.313	1.166	41.6	1.756	7.9	1.216	-1.303	-47.0	1.783
248214.7	842975.5	136.6	20.898	11.263	28.3	23.740	39.4	18.891	1.613	1.222	37.2	2.024	7.5	1.511	-1.360	-42.0	2.033
248213.9	842976.1	136.5	22.599	11.775	27.5	25.483	38.0	20.278	1.957	1.269	33.0	2.333	6.2	1.648	-1.274	-37.7	2.083
248213.1	842976.7	136.4	24.300	12.245	26.7	27.211	36.4	21.654	2.349	1.304	29.0	2.686	4.8	1.651	-1.115	-34.0	1.992
248212.3	842977.3	136.3	26.250	12.784	26.0	29.198	34.8	23.235	2.788	1.326	25.4	3.088	3.9	1.779	-1.041	-30.3	2.061
248211.5	842977.9	136.2	28.165	13.278	25.2	31.138	33.0	24.779	3.268	1.332	22.2	3.529	3.0	1.753	-0.907	-27.3	1.974
248210.7	842978.5	136.6	31.937	14.371	24.2	35.021	31.4	27.869	3.805	1.330	19.3	4.031	4.6	3.596	-1.452	-22.0	3.878
248209.9	842979.1	136.5	34.364	14.960	23.5	37.480	29.4	29.825	4.333	1.301	16.7	4.524	3.8	3.980	-1.390	-19.3	4.216
248209.1	842979.7	136.5	36.935	15.587	22.9	40.089	27.4	31.902	4.848	1.256	14.5	5.008	3.3	4.504	-1.362	-16.8	4.705
248208.3	842980.3	136.5	39.264	16.163	22.4	42.461	25.3	33.789	5.307	1.192	12.7	5.440	2.7	4.845	-1.286	-14.9	5.013
248207.5	842981.0	136.4	40.779	16.573	22.1	44.018	23.4	35.028	5.659	1.113	11.1	5.767	1.9	4.526	-1.089	-13.5	4.655
248206.7	842981.6	136.1	40.854	16.695	22.2	44.133	21.6	35.120	5.857	1.020	9.9	5.945	1.0	3.004	-0.724	-13.5	3.090
248205.9	842982.2	136.3	43.505	17.536	22.0	46.906	19.5	37.326	5.964	0.923	8.8	6.035	1.1	4.281	-0.869	-11.5	4.368
248205.1	842982.8	136.4	44.880	18.150	22.0	48.411	17.6	38.524	5.885	0.817	7.9	5.942	1.0	4.575	-0.848	-10.5	4.653
248204.3	842983.4	136.4	45.605	18.704	22.3	49.292	15.9	39.225	5.639	0.704	7.1	5.683	1.0	4.544	-0.787	-9.8	4.611
248203.5	842984.0	136.5	46.539	19.419	22.6	50.428	14.1	40.129	5.269	0.585	6.3	5.301	1.2	4.902	-0.770	-8.9	4.963
248202.7	842984.6	136.8	48.132	20.437	23.0	52.292	12.2	41.612	4.820	0.469	5.6	4.843	2.0	5.852	-0.787	-7.7	5.904
248202.0	842985.2	136.8	47.588	20.990	23.8	52.011	10.9	41.389	4.251	0.341	4.6	4.264	2.9	5.234	-0.627	-6.8	5.272
248201.2	842985.8	136.8	46.395	21.410	24.8	51.097	10.0	40.662	3.635	0.219	3.4	3.641	4.2	4.261	-0.436	-5.8	4.283
248200.4	842986.4	136.8	45.854	22.101	25.7	50.902	9.0	40.507	3.031	0.218	4.1	3.039	7.2	3.750	-0.246	-3.8	3.758
248199.6	842987.0	136.8	44.791	22.646	26.8	50.190	8.4	39.940	2.424	0.352	8.3	2.450	11.8	2.948	-0.040	-0.8	2.949
248198.8	842987.6	136.8	44.334	23.477	27.9	50.167	7.7	39.921	1.861	0.571	17.1	1.947	22.0	2.426	0.228	5.4	2.437
248198.0	842988.2	136.9	44.097	24.471	29.0	50.432	7.2	40.132	1.354	0.833	31.6	1.589	42.4	1.895	0.587	17.2	1.983
248197.2	842988.9	137.0	43.658	25.413	30.2	50.515	7.0	40.199	0.916	1.126	50.9	1.451	63.2	1.235	0.965	38.0	1.568
248196.4	842989.5	136.8	42.290	25.806	31.4	49.542	7.5	39.424	0.548	1.441	69.2	1.542	37.8	0.549	1.046	62.3	1.181
248195.6	842990.1	136.9	42.268	26.999	32.6	50.155	7.6	39.912	0.713	1.812	68.5	1.947	22.8	-0.021	1.535	-89.2	1.535
248194.8	842990.7	137.0	42.838	28.659	33.8	51.540	7.7	41.014	1.147	2.227	62.8	2.505	14.8	-0.763	2.371	-72.2	2.490
248194.0	842991.3	137.1	42.756	29.891	35.0	52.168	8.4	41.514	1.580	2.663	59.3	3.097	8.9	-1.424	2.945	-64.2	3.272
248193.2	842991.9	136.7	41.017	29.715	35.9	50.649	9.9	40.305	1.970	3.090	57.5	3.664	4.3	-1.346	2.396	-60.7	2.748
248192.4	842992.5	136.8	41.146	31.031	37.0	51.535	10.8	41.011	2.427	3.552	55.7	4.303	3.0	-1.955	3.066	-57.5	3.637
248191.6	842993.1	137.1	42.384	33.421	38.3	53.975	11.6	42.952	2.890	4.033	54.4	4.962	2.7	-3.285	4.748	-55.3	5.773
248190.8	842993.7	136.5	39.139	31.425	38.8	50.193	13.9	39.942	3.196	4.338	53.6	5.388	1.3	-1.932	2.716	-54.6	3.333
248190.0	842994.3	136.5	38.214	31.556	39.5	49.559	15.5	39.438	3.504	4.621	52.8	5.799	1.1	-2.003	2.705	-53.5	3.366
248189.2	842994.9	136.6	37.952	32.320	40.4	49.849	17.1	39.669	3.750	4.808	52.1	6.098	1.3	-2.724	3.530	-52.3	4.459
248188.5	842995.5	136.8	37.347	32.684	41.2	49.629	18.8	39.493	3.904	4.856	51.2	6.231	1.8	-3.382	4.215	-51.3	5.404
248187.7	842996.1	136.7	35.462	31.507	41.6	47.437	20.8	37.749	3.938	4.715	50.1	6.144	1.9	-3.114	3.720	-50.1	4.852
248186.9	842996.8	136.7	33.631	30.260	42.0	45.241	22.9	36.001	3.888	4.445	48.8	5.905	2.2	-2.982	3.385	-48.6	4.511

248186.1	842997.4	136.5	31.271	28.239	42.1	42.134	25.0	33.529	3.752	4.052	47.2	5.522	2.1	-2.364	2.519	-46.8	3.454
248185.3	842998.0	137.1	31.185	28.913	42.8	42.526	27.0	33.841	3.602	3.670	45.5	5.143	4.6	-4.219	4.207	-44.9	5.958
248184.5	842998.6	137.0	28.956	26.805	42.8	39.458	29.1	31.400	3.364	3.168	43.3	4.621	5.1	-3.822	3.499	-42.5	5.181
248183.7	842999.2	137.3	27.627	25.737	43.0	37.758	31.3	30.047	3.122	2.699	40.8	4.127	7.2	-4.387	3.644	-39.7	5.703
248182.9	842999.8	137.1	25.146	23.063	42.5	34.121	33.2	27.153	2.845	2.201	37.7	3.597	7.0	-3.464	2.555	-36.4	4.304
248182.1	843000.4	137.3	23.551	21.450	42.3	31.855	35.2	25.350	2.586	1.775	34.5	3.137	8.6	-3.485	2.246	-32.8	4.147
248181.3	843001.0	137.3	21.927	19.727	42.0	29.494	37.0	23.471	2.334	1.394	30.9	2.719	9.9	-3.318	1.823	-28.8	3.786
248180.5	843001.6	136.9	19.702	17.218	41.1	26.165	38.1	20.822	2.088	1.040	26.5	2.333	7.6	-2.108	0.938	-24.0	2.307
248179.7	843002.2	137.1	18.531	15.987	40.8	24.474	39.7	19.476	1.869	0.770	22.4	2.021	9.6	-2.247	0.794	-19.5	2.384
248178.9	843002.8	137.1	17.167	14.507	40.2	22.475	40.8	17.885	1.665	0.538	17.9	1.750	9.7	-1.943	0.498	-14.4	2.006
248178.1	843003.4	136.7	15.647	12.862	39.4	20.255	41.3	16.118	1.477	0.337	12.9	1.515	7.3	-1.237	0.178	-8.2	1.250
248177.3	843004.0	137.0	14.804	11.978	39.0	19.043	42.6	15.154	1.310	0.209	9.1	1.327	9.8	-1.455	0.093	-3.6	1.458
248176.5	843004.7	137.4	14.075	11.211	38.5	17.994	43.8	14.319	1.159	0.158	7.8	1.170	13.1	-1.723	-0.032	1.1	1.723
248175.7	843005.3	137.7	13.330	10.425	38.0	16.923	44.8	13.467	1.023	0.172	9.6	1.038	16.0	-1.846	-0.197	6.1	1.857
248175.0	843005.9	138.1	12.617	9.676	37.5	15.900	45.6	12.653	0.902	0.213	13.3	0.926	18.6	-1.908	-0.378	11.2	1.945
248174.2	843006.5	138.4	11.936	8.967	36.9	14.929	46.3	11.880	0.793	0.252	17.6	0.832	21.1	-1.919	-0.562	16.3	2.000
248173.4	843007.1	138.8	11.288	8.301	36.3	14.011	46.8	11.150	0.696	0.283	22.1	0.751	23.3	-1.890	-0.741	21.4	2.030

Centerline results between structures [redacted]-8A and [redacted]-9R

3D EMF Point Results Centerline from [redacted]-8A to [redacted]-9R:

Measurement			B					H	EF					Space Potential			
X (m)	Y (m)	Z (m)	Real (uT)	Imaginary (uT)	Angle (deg)	Magnitude (uT)	Polarization Axial Ratio %	Magnitude (A/m)	Real (kV/m)	Imaginary (kV/m)	Angle (deg)	Magnitude (kV/m)	Polarization Axial Ratio %	Real (kV)	Imaginary (kV)	Angle (deg)	Magnitude (kV)
247997.6	842727.6	128.0	5.359	3.743	34.9	6.537	17.3	5.202	0.129	0.530	76.3	0.545	8.9	-0.090	0.470	-79.1	0.479
247997.4	842726.7	128.0	5.688	3.926	34.6	6.911	18.0	5.500	0.118	0.543	77.7	0.556	9.7	-0.080	0.485	-80.6	0.492
247997.1	842725.7	128.0	6.044	4.125	34.3	7.317	18.6	5.823	0.108	0.557	79.0	0.567	10.5	-0.070	0.501	-82.1	0.506
247996.8	842724.8	128.0	6.425	4.339	34.0	7.752	19.0	6.169	0.100	0.570	80.1	0.578	11.4	-0.059	0.516	-83.5	0.520
247996.5	842723.8	128.0	6.826	4.566	33.8	8.213	19.4	6.535	0.093	0.583	80.9	0.590	12.3	-0.049	0.532	-84.8	0.534
247996.2	842722.9	128.0	7.245	4.805	33.6	8.693	19.8	6.918	0.090	0.596	81.5	0.603	13.1	-0.038	0.548	-86.0	0.550
247995.9	842721.9	128.0	7.676	5.054	33.4	9.190	20.1	7.314	0.089	0.609	81.6	0.615	14.0	-0.028	0.565	-87.1	0.566
247995.6	842720.9	128.0	8.118	5.308	33.2	9.699	20.3	7.719	0.093	0.621	81.5	0.628	14.9	-0.019	0.583	-88.2	0.583
247995.3	842720.0	128.0	8.565	5.567	33.0	10.216	20.6	8.129	0.100	0.634	81.0	0.642	15.7	-0.009	0.601	-89.1	0.601
247995.1	842719.0	128.0	9.016	5.828	32.9	10.735	20.8	8.543	0.110	0.646	80.4	0.655	16.5	-0.001	0.619	-89.9	0.619
247994.8	842718.1	128.0	9.465	6.088	32.7	11.254	21.0	8.956	0.122	0.658	79.5	0.669	17.3	0.007	0.639	89.3	0.639
247994.5	842717.1	128.0	9.912	6.345	32.6	11.769	21.2	9.365	0.136	0.669	78.5	0.683	18.1	0.015	0.659	88.7	0.659
247994.2	842716.1	128.0	10.353	6.598	32.5	12.277	21.3	9.769	0.151	0.680	77.5	0.697	18.9	0.021	0.680	88.2	0.681
247993.9	842715.2	128.0	10.786	6.845	32.4	12.775	21.5	10.166	0.167	0.691	76.4	0.711	19.6	0.027	0.702	87.8	0.703
247993.6	842714.2	128.0	11.209	7.085	32.3	13.260	21.6	10.552	0.183	0.701	75.3	0.724	20.3	0.032	0.725	87.5	0.726
247993.3	842713.3	128.0	11.621	7.317	32.2	13.733	21.7	10.928	0.200	0.710	74.2	0.738	21.0	0.035	0.750	87.3	0.750
247993.0	842712.3	128.0	12.020	7.540	32.1	14.189	21.8	11.292	0.218	0.719	73.1	0.751	21.7	0.037	0.775	87.2	0.776
247992.8	842711.4	128.0	12.406	7.753	32.0	14.630	21.9	11.642	0.235	0.727	72.1	0.764	22.4	0.039	0.801	87.2	0.802
247992.5	842710.4	128.0	12.778	7.957	31.9	15.053	22.0	11.979	0.252	0.734	71.0	0.776	23.0	0.038	0.829	87.4	0.830
247992.2	842709.4	128.0	13.134	8.151	31.8	15.458	22.0	12.301	0.270	0.741	70.0	0.788	23.7	0.037	0.859	87.6	0.860
247991.9	842708.5	128.0	13.475	8.336	31.7	15.845	22.0	12.609	0.287	0.747	69.0	0.800	24.4	0.033	0.890	87.9	0.891
247991.6	842707.5	128.0	13.801	8.511	31.7	16.215	22.0	12.903	0.303	0.752	68.0	0.811	25.0	0.029	0.923	88.2	0.923
247991.3	842706.6	128.0	14.112	8.677	31.6	16.566	22.0	13.183	0.319	0.757	67.1	0.821	25.7	0.023	0.957	88.6	0.957
247991.0	842705.6	128.0	14.407	8.835	31.5	16.900	21.9	13.449	0.335	0.761	66.2	0.831	26.4	0.015	0.993	89.1	0.994
247990.7	842704.7	128.0	14.687	8.984	31.5	17.217	21.9	13.701	0.350	0.764	65.4	0.840	27.1	0.007	1.031	89.6	1.031
247990.5	842703.7	128.0	14.953	9.125	31.4	17.518	21.8	13.940	0.364	0.767	64.6	0.849	27.9	-0.003	1.071	-89.8	1.071
247990.2	842702.7	128.0	15.206	9.259	31.3	17.803	21.7	14.167	0.379	0.769	63.8	0.857	28.6	-0.014	1.113	-89.3	1.113
247989.9	842701.8	128.0	15.445	9.386	31.3	18.074	21.6	14.382	0.392	0.771	63.1	0.865	29.4	-0.025	1.156	-88.8	1.156
247989.6	842700.8	128.0	15.672	9.507	31.2	18.330	21.5	14.587	0.405	0.773	62.4	0.873	30.2	-0.037	1.201	-88.2	1.201
247989.3	842699.9	128.0	15.888	9.621	31.2	18.574	21.4	14.781	0.417	0.774	61.7	0.879	31.1	-0.050	1.247	-87.7	1.248
247989.0	842698.9	128.0	16.092	9.731	31.2	18.806	21.2	14.965	0.429	0.775	61.0	0.886	32.0	-0.062	1.294	-87.2	1.296
247988.7	842697.9	128.0	16.287	9.835	31.1	19.026	21.1	15.141	0.440	0.775	60.4	0.892	32.8	-0.075	1.343	-86.8	1.345
247988.4	842697.0	128.0	16.473	9.935	31.1	19.237	21.0	15.308	0.451	0.776	59.8	0.897	33.8	-0.087	1.392	-86.4	1.395
247988.2	842696.0	128.0	16.633	10.022	31.1	19.419	20.9	15.453	0.460	0.776	59.3	0.902	34.5	-0.104	1.433	-85.9	1.437
247987.9	842695.1	127.8	16.592	9.996	31.1	19.371	20.8	15.415	0.457	0.773	59.4	0.898	32.1	-0.174	1.374	-82.8	1.385
247987.6	842694.1	127.7	16.553	9.973	31.1	19.326	20.8	15.379	0.454	0.771	59.5	0.895	30.0	-0.241	1.321	-79.6	1.343
247987.3	842693.2	127.6	16.522	9.954	31.1	19.289	20.8	15.350	0.452	0.769	59.6	0.892	28.1	-0.306	1.276	-76.5	1.312
247987.0	842692.2	127.5	16.494	9.937	31.1	19.256	20.8	15.324	0.450	0.767	59.6	0.889	26.3	-0.367	1.235	-73.4	1.289
247986.7	842691.2	127.3	16.472	9.923	31.1	19.230	20.7	15.303	0.449	0.765	59.6	0.887	24.7	-0.425	1.201	-70.5	1.274
247986.4	842690.3	127.2	16.455	9.913	31.1	19.210	20.7	15.287	0.448	0.763	59.6	0.885	23.2	-0.480	1.172	-67.7	1.266
247986.1	842689.3	127.1	16.443	9.906	31.1	19.196	20.6	15.276	0.448	0.761	59.5	0.883	21.9	-0.531	1.147	-65.1	1.264
247985.9	842688.4	127.1	16.437	9.902	31.1	19.189	20.6	15.270	0.447	0.760	59.5	0.882	20.7	-0.579	1.126	-62.8	1.266
247985.6	842687.4	127.0	16.436	9.901	31.1	19.188	20.5	15.269	0.447	0.759	59.5	0.881	19.6	-0.623	1.110	-60.7	1.273
247985.3	842686.5	126.9	16.439	9.904	31.1	19.192	20.5	15.273	0.447	0.758	59.5	0.880	18.6	-0.664	1.096	-58.8	1.281
247985.0	842685.5	126.8	16.448	9.909	31.1	19.202	20.4	15.280	0.447	0.757	59.5	0.879	17.7	-0.702	1.085	-57.1	1.292
247984.7	842684.5	126.8	16.460	9.916	31.1	19.216	20.3	15.292	0.446	0.756	59.5	0.878	16.9	-0.738	1.076	-55.6	1.304
247984.4	842683.6	126.7	16.477	9.927	31.1	19.236	20.3	15.307	0.446	0.756	59.5	0.878	16.1	-0.771	1.069	-54.2	1.318
247984.1	842682.6	126.7	16.578	9.985	31.1	19.353	20.2	15.401	0.449	0.757	59.3	0.880	16.8	-0.776	1.106	-54.9	1.351
247983.8	842681.7	126.7	16.686	10.048	31.1	19.478	20.0	15.500	0.451	0.758	59.2	0.882	17.5	-0.779	1.146	-55.8	1.385
247983.6	842680.7	126.7	16.791	10.110	31.1	19.600	19.9	15.597	0.454	0.759	59.1	0.884	18.2	-0.782	1.183	-56.5	1.418
247983.3	842679.8	126.7	16.895	10.171	31.0	19.721	19.8	15.693	0.456	0.760	59.0	0.886	18.8	-0.785	1.219	-57.2	1.450
247983.0	842678.8	126.7	16.999	10.232	31.0	19.841	19.7	15.789	0.458	0.761	58.9	0.888	19.3	-0.789	1.254	-57.8	1.481
247982.7	842677.8	126.7	17.101	10.293	31.0	19.960	19.6	15.884	0.461	0.763	58.9	0.891	19.9	-0.793	1.287	-58.4	1.512
247982.4	842676.9	126.7	17.203	10.354	31.0	20.078	19.5	15.978	0.463	0.764	58.8	0.893	20.4	-0.797	1.319	-58.8	1.541
247982.1	842675.9	126.7	17.303	10.414	31.0	20.195	19.4	16.071	0.465	0.766	58.7	0.896	20.8	-0.803	1.349	-59.3	1.570
247981.8	842675.0	126.7	17.402	10.474	31.0	20.311	19.3	16.163	0.467	0.767	58.7	0.898	21.2	-0.809	1.378	-59.6	1.598
247981.5	842674.0	126.7	17.501	10.534	31.0	20.427	19.2	16.255	0.468	0.769	58.7	0.900	21.6	-0.815	1.406	-59.9	1.625
247981.3	842673.0	126.7	17.599	10.593	31.0	20.541	19.2	16.346	0.470	0.771	58.6	0.903	21.9	-0.823	1.433	-60.2	1.653

247981.0	842672.1	126.7	17.697	10.652	31.0	20.655	19.1	16.437	0.472	0.773	58.6	0.905	22.2	-0.831	1.459	-60.4	1.679
247980.7	842671.1	126.8	17.793	10.712	31.0	20.769	19.0	16.527	0.473	0.775	58.6	0.908	22.5	-0.840	1.485	-60.5	1.706
247980.4	842670.2	126.8	17.889	10.771	31.1	20.881	18.9	16.617	0.475	0.777	58.5	0.910	22.8	-0.849	1.509	-60.6	1.732
247980.1	842669.2	126.8	17.985	10.829	31.1	20.994	18.8	16.706	0.477	0.778	58.5	0.913	23.0	-0.860	1.533	-60.7	1.758
247979.8	842668.3	126.8	18.080	10.888	31.1	21.105	18.8	16.795	0.478	0.780	58.5	0.915	23.2	-0.871	1.557	-60.8	1.784
247979.5	842667.3	126.8	18.173	10.946	31.1	21.215	18.7	16.883	0.479	0.782	58.5	0.917	23.4	-0.884	1.579	-60.8	1.810
247979.2	842666.3	126.8	18.267	11.004	31.1	21.326	18.6	16.970	0.480	0.784	58.5	0.920	23.6	-0.896	1.602	-60.8	1.836
247979.0	842665.4	126.8	18.360	11.062	31.1	21.435	18.5	17.058	0.482	0.786	58.5	0.922	23.8	-0.910	1.624	-60.7	1.862
247978.7	842664.4	126.8	18.453	11.120	31.1	21.544	18.5	17.144	0.483	0.788	58.5	0.924	23.9	-0.925	1.646	-60.7	1.888
247978.4	842663.5	126.8	18.544	11.178	31.1	21.652	18.4	17.231	0.484	0.790	58.5	0.927	24.1	-0.940	1.668	-60.6	1.914
247978.1	842662.5	126.8	18.636	11.235	31.1	21.760	18.4	17.316	0.485	0.792	58.5	0.929	24.2	-0.956	1.689	-60.5	1.941
247977.8	842661.6	126.8	18.726	11.292	31.1	21.867	18.3	17.401	0.486	0.794	58.6	0.931	24.4	-0.973	1.711	-60.4	1.968
247977.5	842660.6	126.8	18.816	11.349	31.1	21.974	18.2	17.486	0.486	0.796	58.6	0.933	24.5	-0.991	1.732	-60.2	1.995
247977.2	842659.6	126.8	18.905	11.405	31.1	22.079	18.2	17.570	0.487	0.798	58.6	0.935	24.6	-1.009	1.754	-60.1	2.023
247976.9	842658.7	126.8	18.994	11.462	31.1	22.185	18.1	17.654	0.488	0.800	58.6	0.937	24.7	-1.028	1.775	-59.9	2.052
247976.7	842657.7	126.8	19.083	11.517	31.1	22.289	18.1	17.737	0.489	0.802	58.6	0.939	24.9	-1.048	1.797	-59.8	2.080
247976.4	842656.8	126.9	19.171	11.573	31.1	22.393	18.0	17.820	0.489	0.804	58.7	0.941	25.0	-1.068	1.820	-59.6	2.110
247976.1	842655.8	126.9	19.258	11.629	31.1	22.496	18.0	17.902	0.490	0.806	58.7	0.943	25.1	-1.090	1.842	-59.4	2.140
247975.8	842654.8	126.9	19.344	11.684	31.1	22.599	17.9	17.983	0.491	0.808	58.7	0.945	25.2	-1.112	1.865	-59.2	2.171
247975.5	842653.9	126.9	19.430	11.739	31.1	22.701	17.9	18.065	0.491	0.810	58.8	0.947	25.4	-1.135	1.888	-59.0	2.203
247975.2	842652.9	126.9	19.516	11.793	31.1	22.802	17.8	18.145	0.492	0.812	58.8	0.949	25.5	-1.158	1.913	-58.8	2.236
247974.9	842652.0	126.9	19.600	11.848	31.2	22.903	17.8	18.226	0.493	0.813	58.8	0.951	25.6	-1.182	1.937	-58.6	2.270
247974.6	842651.0	126.9	19.685	11.902	31.2	23.003	17.7	18.305	0.493	0.815	58.8	0.953	25.8	-1.207	1.963	-58.4	2.305
247974.4	842650.1	126.9	19.768	11.955	31.2	23.102	17.7	18.384	0.494	0.817	58.8	0.955	25.9	-1.233	1.989	-58.2	2.341
247974.1	842649.1	126.9	19.852	12.009	31.2	23.201	17.6	18.463	0.495	0.819	58.9	0.957	26.1	-1.260	2.017	-58.0	2.378
247973.8	842648.1	126.9	19.934	12.062	31.2	23.300	17.6	18.541	0.496	0.821	58.9	0.959	26.3	-1.287	2.046	-57.8	2.417
247973.5	842647.2	127.0	20.017	12.115	31.2	23.397	17.6	18.619	0.496	0.822	58.9	0.960	26.5	-1.314	2.076	-57.7	2.457
247973.2	842646.2	127.0	20.098	12.167	31.2	23.495	17.5	18.696	0.497	0.824	58.9	0.962	26.7	-1.342	2.107	-57.5	2.498
247972.9	842645.3	127.0	20.179	12.220	31.2	23.591	17.5	18.773	0.498	0.825	58.9	0.964	27.0	-1.371	2.140	-57.4	2.542
247972.6	842644.3	127.0	20.260	12.272	31.2	23.687	17.5	18.849	0.500	0.827	58.9	0.966	27.3	-1.401	2.175	-57.2	2.587
247972.3	842643.4	127.0	20.340	12.323	31.2	23.782	17.4	18.925	0.501	0.828	58.8	0.968	27.6	-1.430	2.212	-57.1	2.634
247972.1	842642.4	127.0	20.420	12.375	31.2	23.877	17.4	19.001	0.502	0.830	58.8	0.970	28.0	-1.460	2.252	-57.0	2.684
247971.8	842641.4	127.0	20.500	12.426	31.2	23.972	17.3	19.076	0.504	0.831	58.8	0.972	28.4	-1.491	2.293	-57.0	2.735
247971.5	842640.5	127.0	20.579	12.477	31.2	24.066	17.3	19.151	0.506	0.832	58.7	0.974	28.9	-1.522	2.338	-56.9	2.790
247971.2	842639.5	127.0	20.657	12.528	31.2	24.159	17.3	19.225	0.508	0.833	58.6	0.976	29.4	-1.553	2.385	-56.9	2.846
247970.9	842638.6	127.1	20.736	12.579	31.2	24.253	17.2	19.300	0.510	0.834	58.5	0.977	29.9	-1.584	2.436	-57.0	2.906
247970.6	842637.6	127.1	20.813	12.629	31.2	24.345	17.2	19.373	0.513	0.834	58.4	0.979	30.6	-1.615	2.490	-57.0	2.968
247970.3	842636.7	127.1	20.891	12.679	31.3	24.438	17.2	19.447	0.516	0.835	58.3	0.981	31.3	-1.646	2.548	-57.1	3.033
247970.0	842635.7	127.1	20.969	12.730	31.3	24.531	17.2	19.521	0.519	0.835	58.1	0.983	32.1	-1.676	2.609	-57.3	3.101
247969.8	842634.7	127.1	21.047	12.780	31.3	24.623	17.1	19.594	0.523	0.835	58.0	0.985	33.0	-1.707	2.675	-57.5	3.173
247969.5	842633.8	127.1	21.124	12.830	31.3	24.715	17.1	19.667	0.527	0.835	57.7	0.987	34.0	-1.736	2.744	-57.7	3.248
247969.2	842632.8	127.2	21.201	12.880	31.3	24.807	17.1	19.740	0.532	0.835	57.5	0.990	35.1	-1.766	2.818	-57.9	3.326
247968.9	842631.9	127.2	21.278	12.929	31.3	24.898	17.0	19.813	0.537	0.834	57.2	0.992	36.2	-1.794	2.896	-58.2	3.407
247968.6	842630.9	127.2	21.355	12.979	31.3	24.990	17.0	19.886	0.542	0.834	56.9	0.995	37.6	-1.821	2.979	-58.6	3.491
247968.3	842629.9	127.2	21.437	13.032	31.3	25.087	17.0	19.964	0.549	0.833	56.6	0.998	39.1	-1.845	3.068	-59.0	3.580
247968.0	842629.0	127.2	21.520	13.086	31.3	25.187	17.0	20.043	0.556	0.832	56.2	1.001	40.7	-1.866	3.162	-59.4	3.671
247967.7	842628.0	127.3	21.612	13.144	31.3	25.295	16.9	20.129	0.565	0.832	55.8	1.005	42.6	-1.883	3.262	-60.0	3.767
247967.5	842627.1	127.3	21.706	13.204	31.3	25.406	16.9	20.218	0.574	0.831	55.3	1.010	44.7	-1.896	3.368	-60.6	3.865
247967.2	842626.1	127.3	21.800	13.264	31.3	25.518	16.8	20.307	0.584	0.830	54.9	1.015	46.9	-1.906	3.476	-61.3	3.965
247966.9	842625.2	127.3	21.895	13.324	31.3	25.631	16.8	20.396	0.595	0.830	54.4	1.021	49.2	-1.912	3.588	-61.9	4.065
247966.6	842624.2	127.4	21.992	13.386	31.3	25.746	16.8	20.488	0.607	0.829	53.8	1.028	51.8	-1.912	3.702	-62.7	4.167
247966.3	842623.2	127.4	22.089	13.447	31.3	25.861	16.7	20.579	0.619	0.829	53.3	1.035	54.5	-1.908	3.818	-63.5	4.268
247966.0	842622.3	127.4	22.187	13.509	31.3	25.977	16.7	20.672	0.632	0.829	52.7	1.043	57.3	-1.897	3.936	-64.3	4.369
247965.7	842621.3	127.5	22.285	13.572	31.3	26.093	16.7	20.764	0.645	0.830	52.1	1.051	60.3	-1.879	4.053	-65.1	4.468
247965.4	842620.4	127.5	22.384	13.634	31.3	26.209	16.6	20.857	0.660	0.831	51.6	1.061	63.4	-1.855	4.171	-66.0	4.565
247965.2	842619.4	127.5	22.483	13.696	31.3	26.326	16.6	20.950	0.674	0.832	51.0	1.071	66.7	-1.822	4.288	-67.0	4.659
247964.9	842618.5	127.6	22.581	13.759	31.4	26.442	16.6	21.042	0.690	0.834	50.4	1.083	70.1	-1.782	4.402	-68.0	4.749
247964.6	842617.5	124.6	17.369	10.672	31.6	20.386	19.1	16.223	0.526	0.731	54.2	0.901	18.0	-3.384	2.266	-33.8	4.072
247964.3	842616.5	121.2	12.955	8.016	31.7	15.234	21.1	12.123	1.072	0.790	36.4	1.332	73.7	-5.206	-0.222	2.4	5.211
247964.0	842615.6	122.6	14.590	9.008	31.7	17.147	20.4	13.645	0.772	0.727	43.3	1.060	62.8	-4.410	0.956	-12.2	4.513
247963.7	842614.6	124.0	16.495	10.157	31.6	19.371	19.5	15.415	0.559	0.709	51.7	0.903	28.3	-3.563	2.108	-30.6	4.140
247963.4	842613.7	125.5	18.719	11.490	31.5	21.964	18.5	17.478	0.510	0.735	55.2	0.895	29.6	-2.699	3.242	-50.2	4.219
247963.1	842612.7	122.3	14.232	8.799	31.7	16.733	20.6	13.315	0.762	0.704	42.7	1.038	63.5	-4.318	1.041	-13.6	4.442
247962.9	842611.7	122.3	14.310	8.848	31.7	16.824	20.5	13.388	0.728	0.696	43.7	1.007	60.7	-4.170	1.173	-15.7	4.332
247962.6	842610.8	123.1	15.303	9.450	31.7	17.986	20.1	14.313	0.597	0.687	49.0	0.910	42.6	-3.633	1.807	-26.4	4.057
247962.3	842609.8	122.0	13.981	8.653	31.8	16.442	20.7	13.084	0.718	0.688	43.8	0.994	63.4	-4.038	1.127	-15.6	4.193
247962.0	842608.9	122.6	14.653	9.062	31.7	17.229	20.4	13.710	0.614	0.680	48.0	0.916	50.6	-3.608	1.575	-23.6	3.936
247961.7	842607.9	122.9	15.067	9.315	31.7	17.714	20.2	14.096	0.554	0.680	50.8	0.877	43.0	-3.289	1.852	-29.4	3.774
247961.4	842607.0	123.1	15.303	9.459	31.7	17.990	20.1	14.316	0.516	0.681	52.8	0.855	39.2	-3.039	2.017	-33.6	3.648
247961.1	842606.0	123.1	15.351	9.490	31.7	18.048	20.1	14.362	0.494	0.683	54.1	0.843	38.0	-2.856	2.074	-36.0	3.530
247960.8	842605.0	123.2	15.435	9.543	31.7	18.147	20.1	14.441	0.471	0.686	55.5	0.833	36.8	-2.658	2.140	-38.8	3.413
247960.6	842604.1	123.1	15.347	9.493	31.7	18.046	20.2	14.360	0.456	0.688	56.5	0.826	36.8	-2.517	2.109	-40.0	3.284
247960.3	842603.1	123.1	15.308	9.471	31.7	18.001	20.2	14.325	0.440	0.692	57.5	0.820	36.3	-2.359	2.095	-41.6	3.155
247960.0	842602.2	123.0	15.177	9.394	31.8	17.849	20.3	14.204	0.426	0.694	58.5	0.815	36.0	-2.230	2.024	-42.2	3.011
247959.7	842601.2	122.9	15.027	9.305	31.8	17.675	20.3	14.065	0.412	0.698	59.5	0.810	35.5	-2.107	1.934	-42.5	2.861
247959.4	842600.3	122.6	14.634	9.069	31.8	17.216	20.5	13.700	0.404	0.699	60.0	0.807	36.0	-2.062	1.702	-39.5	2.673
247959.1	842599.3	122.3	14.249	8.837	31.8	16.767	20.7	13.343	0.397	0.703	60.5	0.807	36.8	-2.014	1.458	-35.9	2.487
247958.8	842598.3	122.0	13.876	8.612	31.8	16.332	20.9	12.996	0.394	0.707	60.9	0.809	38.1	-1.966	1.205	-31.5	2.306
247958.5	842597.4	121.7	13.515	8.394	31.8	15.909	21.1	12.660	0.393	0.713	61.1	0.814	39.7	-1.918	0.943	-26.2	2.138
247958.3	842596.4	121.6	13.401	8.326	31.9	15.777	21.1	12.555	0.381	0.720	62.1	0.814	38.2	-1.801	0.822	-24.5	1.980
247958.0	842595.5	121.5	13.366	8.306	31.9	15.737	21.2	12.523	0.365	0.727	63.3	0.813	35.7	-1.669	0.743	-24.0	1.827
247957.7	842594.5	121.7	13.555	8.424	31.9	15.960	21.1	12.700	0.340	0.733	65.1	0.808	30.6	-1.482	0.801	-28.4	1.685
247957.4	842593.6	121.9	13.783	8.564	31.9	16.227	21.0	12.913	0.320	0.741	66.6	0.807	26.0	-1.297	0.876	-34.0	1.565
247957.1	842592.6	122.0	13.853	8.608	31.9	16.310	21.0	12.979	0.309	0.748	67.6	0.809	23.4	-1.167	0.848	-36.0	1.442
247956.8	842591.6	122.1	13.923	8.653	31.9	16.392	21.0	13.045	0.300	0.756	68.4	0.813	21.0	-1.047	0.816	-37.9	1.327
247956.5	842590.7	122.1	13.992	8.697	31.9	16.474	21.0	13.110	0.293	0.763	69.0	0.817	18.9	-0.936	0.780	-39.8	1.219
247956.2	842589.7	122.2	14.063	8.742	31.9	16.558	20.9	13.177	0.288	0.771	69.5	0.823	17.1	-0.835	0.741	-41.6	1.116

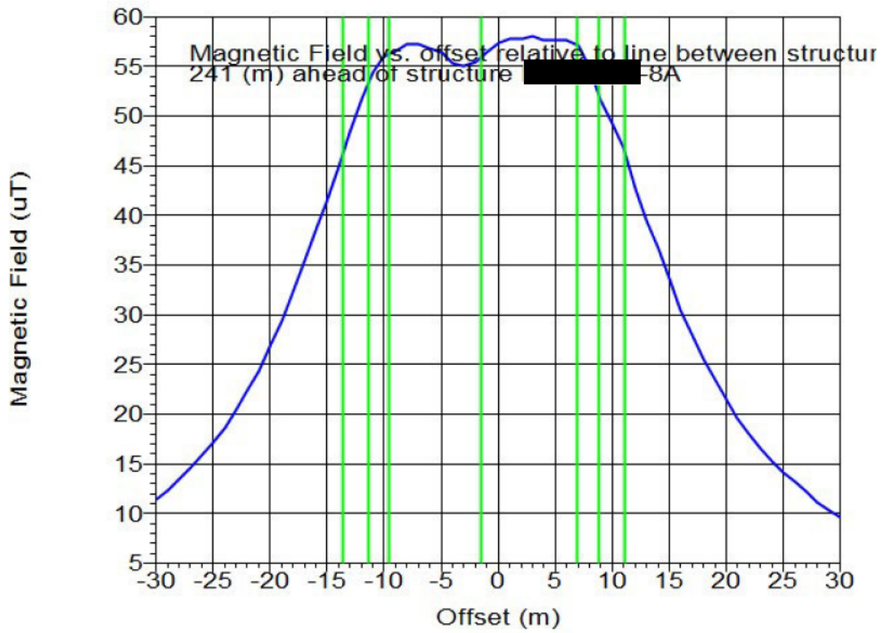
247956.0	842588.8	122.3	14.143	8.792	31.9	16.653	20.9	13.252	0.285	0.779	69.9	0.829	15.4	-0.741	0.705	-43.6	1.022
247955.7	842587.8	122.4	14.235	8.850	31.9	16.762	20.9	13.339	0.283	0.786	70.2	0.836	14.0	-0.652	0.674	-45.9	0.937
247955.4	842586.8	122.5	14.390	8.946	31.9	16.944	20.8	13.484	0.283	0.794	70.4	0.843	13.0	-0.556	0.679	-50.7	0.877
247955.1	842585.9	122.7	14.561	9.052	31.9	17.146	20.8	13.644	0.284	0.803	70.5	0.851	12.4	-0.464	0.692	-56.1	0.833
247954.8	842584.9	122.9	14.746	9.166	31.9	17.363	20.7	13.817	0.287	0.811	70.5	0.860	12.5	-0.377	0.711	-62.1	0.804
247954.5	842584.0	123.0	15.044	9.312	31.8	17.693	20.5	14.079	0.289	0.820	70.6	0.869	13.3	-0.275	0.747	-69.8	0.796
247954.2	842583.0	123.3	15.289	9.464	31.8	17.981	20.5	14.309	0.296	0.829	70.4	0.880	14.9	-0.188	0.799	-76.7	0.821
247953.9	842582.1	123.4	15.521	9.608	31.8	18.254	20.4	14.526	0.304	0.838	70.1	0.891	16.5	-0.111	0.841	-82.5	0.848
247953.7	842581.1	123.6	15.692	9.714	31.8	18.455	20.3	14.686	0.310	0.846	69.9	0.901	17.3	-0.053	0.844	-86.4	0.845
247953.4	842580.1	123.7	15.818	9.793	31.8	18.605	20.3	14.805	0.313	0.854	69.9	0.910	17.5	-0.010	0.819	-89.3	0.819
247953.1	842579.2	123.8	15.938	9.868	31.8	18.745	20.2	14.917	0.315	0.862	69.9	0.918	17.5	0.028	0.788	88.0	0.788
247952.8	842578.2	123.9	16.057	9.943	31.8	18.886	20.2	15.029	0.318	0.870	69.9	0.926	17.5	0.061	0.755	85.4	0.758
247952.5	842577.3	124.0	16.177	10.018	31.8	19.027	20.2	15.141	0.320	0.878	70.0	0.934	17.4	0.090	0.721	82.8	0.727
247952.2	842576.3	124.1	16.257	10.148	32.0	19.164	20.2	15.250	0.326	0.880	69.7	0.939	17.5	0.104	0.707	81.6	0.714
247951.9	842575.4	124.3	16.386	10.227	32.0	19.316	20.1	15.371	0.328	0.888	69.7	0.947	17.5	0.128	0.674	79.2	0.686
247951.6	842574.4	124.4	16.515	10.307	32.0	19.468	20.1	15.492	0.329	0.897	69.9	0.955	17.3	0.150	0.639	76.8	0.656
247951.4	842573.4	124.5	16.686	10.413	32.0	19.668	20.0	15.652	0.332	0.906	69.9	0.965	17.7	0.176	0.627	74.3	0.651
247951.1	842572.5	124.7	16.858	10.519	32.0	19.871	20.0	15.813	0.334	0.915	69.9	0.974	18.0	0.198	0.613	72.1	0.644
247950.8	842571.5	124.8	17.103	10.669	32.0	20.158	19.9	16.041	0.341	0.925	69.8	0.986	19.2	0.230	0.639	70.2	0.679
247950.5	842570.6	125.0	17.298	10.789	32.0	20.386	19.8	16.223	0.344	0.935	69.8	0.996	19.6	0.249	0.634	68.5	0.681
247950.2	842569.6	125.1	17.433	10.872	32.0	20.545	19.8	16.350	0.343	0.944	70.0	1.005	19.2	0.253	0.593	66.9	0.645
247949.9	842568.6	125.2	17.564	10.954	31.9	20.700	19.7	16.473	0.342	0.954	70.3	1.013	18.6	0.251	0.548	65.3	0.603
247949.6	842567.7	125.3	17.691	11.032	31.9	20.849	19.7	16.591	0.341	0.963	70.5	1.022	17.9	0.245	0.498	63.8	0.555
247949.3	842566.7	125.4	17.818	11.111	31.9	20.998	19.6	16.710	0.339	0.973	70.8	1.031	17.1	0.234	0.446	62.3	0.504
247949.1	842565.8	125.5	17.945	11.189	31.9	21.147	19.6	16.829	0.336	0.983	71.1	1.039	16.2	0.218	0.393	61.0	0.450
247948.8	842564.8	125.6	18.049	11.255	31.9	21.271	19.6	16.927	0.333	0.994	71.5	1.048	15.0	0.193	0.326	59.3	0.379
247948.5	842563.9	125.7	18.139	11.311	31.9	21.377	19.5	17.011	0.329	1.004	71.9	1.056	13.5	0.161	0.248	57.1	0.296
247948.2	842562.9	125.9	18.335	11.431	31.9	21.607	19.5	17.194	0.330	1.015	72.0	1.067	13.3	0.140	0.230	58.7	0.269
247947.9	842561.9	126.0	18.474	11.517	31.9	21.770	19.4	17.324	0.329	1.025	72.2	1.077	12.4	0.103	0.178	60.0	0.206
247947.6	842561.0	126.2	18.720	11.668	31.9	22.059	19.3	17.554	0.333	1.037	72.2	1.089	12.8	0.077	0.187	67.6	0.203
247947.3	842560.0	126.4	19.020	11.853	31.9	22.411	19.2	17.834	0.340	1.048	72.0	1.102	13.8	0.053	0.226	76.7	0.232
247947.0	842559.1	126.5	19.183	11.953	31.9	22.603	19.1	17.987	0.340	1.059	72.2	1.112	13.0	0.000	0.185	89.9	0.185
247946.8	842558.1	126.7	19.562	12.185	31.9	23.046	19.0	18.340	0.351	1.070	71.9	1.126	14.8	-0.026	0.266	-84.4	0.267
247946.5	842557.2	127.0	19.948	12.421	31.9	23.499	18.8	18.700	0.363	1.082	71.5	1.141	16.5	-0.059	0.347	-80.4	0.352
247946.2	842556.2	127.1	20.103	12.517	31.9	23.682	18.8	18.845	0.362	1.092	71.7	1.150	15.4	-0.133	0.302	-66.2	0.330
247945.9	842555.2	127.2	20.277	12.624	31.9	23.885	18.7	19.007	0.362	1.102	71.8	1.160	14.5	-0.211	0.265	-51.5	0.339
247945.6	842554.3	127.4	20.494	12.758	31.9	24.141	18.6	19.211	0.365	1.112	71.8	1.170	14.0	-0.288	0.252	-41.2	0.383
247945.3	842553.3	127.6	20.725	12.900	31.9	24.412	18.5	19.427	0.369	1.122	71.8	1.181	13.6	-0.368	0.245	-33.7	0.442
247945.0	842552.4	127.7	20.958	13.044	31.9	24.686	18.4	19.644	0.372	1.131	71.8	1.191	13.2	-0.453	0.238	-27.7	0.512
247944.7	842551.4	127.9	21.193	13.189	31.9	24.962	18.3	19.864	0.375	1.141	71.8	1.201	12.7	-0.541	0.230	-23.0	0.588
247944.5	842550.5	128.1	21.602	13.439	31.9	25.441	18.2	20.246	0.385	1.152	71.5	1.214	13.8	-0.606	0.311	-27.2	0.682
247944.2	842549.5	128.3	22.001	13.683	31.9	25.909	18.0	20.618	0.394	1.162	71.3	1.227	14.7	-0.676	0.382	-29.5	0.776
247943.9	842548.5	128.6	22.451	13.958	31.9	26.436	17.8	21.037	0.405	1.174	71.0	1.242	16.1	-0.739	0.472	-32.6	0.877
247943.6	842547.6	128.8	22.800	14.172	31.9	26.845	17.7	21.363	0.410	1.184	70.9	1.253	16.2	-0.818	0.506	-31.7	0.961
247943.3	842546.6	129.0	23.154	14.389	31.9	27.261	17.5	21.694	0.414	1.196	70.9	1.265	16.2	-0.896	0.535	-30.9	1.043
247943.0	842545.7	129.2	23.529	14.620	31.9	27.701	17.4	22.044	0.419	1.208	70.9	1.278	16.3	-0.969	0.568	-30.4	1.123
247942.7	842544.7	129.5	24.014	14.917	31.8	28.270	17.2	22.497	0.427	1.221	70.7	1.294	17.4	-1.024	0.645	-32.2	1.210
247942.4	842543.7	129.9	24.863	15.434	31.8	29.263	16.8	23.287	0.456	1.239	69.8	1.321	22.2	-1.025	0.882	-40.7	1.352
247942.2	842542.8	130.1	25.362	15.740	31.8	29.849	16.6	23.753	0.465	1.255	69.7	1.338	23.2	-1.073	0.943	-41.3	1.429
247941.9	842541.8	130.4	25.953	16.101	31.8	30.541	16.3	24.304	0.478	1.272	69.4	1.359	24.9	-1.106	1.034	-43.1	1.513
247941.6	842540.9	130.6	26.403	16.377	31.8	31.070	16.1	24.724	0.481	1.288	69.5	1.375	25.1	-1.153	1.050	-42.3	1.559
247941.3	842539.9	130.8	26.786	16.613	31.8	31.519	16.0	25.082	0.478	1.304	69.9	1.389	24.5	-1.204	1.026	-40.4	1.582
247941.0	842539.0	131.2	27.679	17.158	31.8	32.565	15.6	25.915	0.510	1.328	69.0	1.422	28.7	-1.184	1.214	-45.7	1.696
247940.7	842538.0	131.4	28.319	17.550	31.8	33.316	15.3	26.512	0.524	1.349	68.8	1.447	30.3	-1.193	1.280	-47.0	1.750
247940.4	842537.0	131.8	29.064	18.006	31.8	34.189	15.0	27.207	0.546	1.372	68.3	1.477	32.7	-1.186	1.377	-49.3	1.817
247940.1	842536.1	132.0	29.680	18.385	31.8	34.913	14.7	27.783	0.557	1.393	68.2	1.501	33.7	-1.190	1.409	-49.8	1.844
247939.9	842535.1	132.3	30.294	18.762	31.8	35.634	14.4	28.357	0.568	1.415	68.1	1.525	34.6	-1.190	1.431	-50.3	1.861
247939.6	842534.2	132.5	31.024	19.211	31.8	36.490	14.1	29.038	0.588	1.439	67.8	1.555	36.4	-1.174	1.490	-51.8	1.897
247939.3	842533.2	132.9	31.855	19.721	31.8	37.466	13.7	29.814	0.618	1.465	67.1	1.590	38.9	-1.144	1.581	-54.1	1.951
247939.0	842532.3	133.2	32.709	20.247	31.8	38.468	13.4	30.612	0.650	1.492	66.4	1.627	41.3	-1.112	1.671	-56.4	2.007
247938.7	842531.3	133.5	33.588	20.788	31.8	39.501	13.0	31.434	0.686	1.519	65.7	1.667	43.7	-1.076	1.763	-58.6	2.065
247938.4	842530.3	133.7	34.276	21.214	31.8	40.310	12.7	32.078	0.704	1.542	65.5	1.695	44.6	-1.056	1.775	-59.2	2.066
247938.1	842529.4	134.0	34.973	21.646	31.8	41.129	12.4	32.730	0.722	1.566	65.2	1.724	45.5	-1.035	1.786	-59.9	2.064
247937.8	842528.4	134.2	35.684	22.087	31.8	41.966	12.1	33.396	0.743	1.589	64.9	1.754	46.4	-1.012	1.800	-60.7	2.065
247937.6	842527.5	134.5	36.565	22.634	31.8	43.003	11.7	34.221	0.783	1.615	64.1	1.794	48.4	-0.976	1.875	-62.5	2.114
247937.3	842526.5	134.8	37.611	23.283	31.8	44.234	11.2	35.200	0.841	1.643	62.9	1.846	51.1	-0.932	2.010	-65.1	2.216
247937.0	842525.5	135.2	38.702	23.962	31.8	45.519	10.7	36.223	0.905	1.673	61.6	1.902	53.8	-0.890	2.159	-67.6	2.335
247936.7	842524.6	135.4	39.539	24.486	31.8	46.507	10.3	37.009	0.944	1.697	60.9	1.942	54.9	-0.866	2.215	-68.6	2.378
247936.4	842523.6	135.7	40.307	24.969	31.8	47.414	10.0	37.731	0.977	1.719	60.4	1.977	55.6	-0.849	2.248	-69.3	2.403
247936.1	842522.7	135.9	41.126	25.484	31.8	48.382	9.6	38.501	1.016	1.741	59.7	2.016	56.5	-0.831	2.301	-70.1	2.447
247935.8	842521.7	136.0	41.374	25.646	31.8	48.678	9.5	38.737	0.994	1.751	60.4	2.013	55.1	-0.841	2.156	-68.7	2.314
247935.5	842520.8	136.2	41.621	25.808	31.8	48.973	9.4	38.971	0.972	1.761	61.1	2.011	53.7	-0.850	2.014	-67.1	2.186
247935.3	842519.8	136.4	42.361	26.277	31.8	49.849	9.1	39.669	1.006	1.781	60.5	2.045	54.4	-0.839	2.051	-67.8	2.216
247935.0	842518.8	136.5	42.496	26.370	31.8	50.013	9.1	39.799	0.974	1.787	61.4	2.036	52.7	-0.851	1.877	-65.6	2.061
247934.7	842517.9	136.6	42.679	26.494	31.8	50.234	9.0	39.975	0.947	1.795	62.2	2.030	51.2	-0.860	1.724	-63.5	1.927
247934.4	842516.9	136.7	43.043	26.730	31.8	50.667	8.9	40.320	0.942	1.807	62.5	2.038	50.5	-0.863	1.640	-62.2	1.853
247934.1	842516.0	136.9	43.513	27.033	31.9	51.227	8.7	40.765	0.950	1.821	62.4	2.054	50.3	-0.861	1.598	-61.7	1.815
247933.8	842515.0	137.0	43.949	27.313	31.9	51.745	8.5	41.177	0.954	1.835	62.5	2.068	50.0	-0.866	1.546	-60.8	1.772
247933.5	842514.1	137.1	43.976	27.339	31.9	51.781	8.5	41.206	0.914	1.840	63.6	2.054	48.0	-0.874	1.354	-57.2	1.611
247933.2	842513.1	137.3	44.358	27.589	31.9	52.238	8.3	41.569	0.916	1.852	63.7	2.066	47.6	-0.871	1.296	-56.1	1.562
247933.0	842512.1	137.4	44.566	27.729	31.9	52.488	8.3	41.768	0.899	1.861	64.2	2.066	46.6	-0.872	1.181	-53.6	1.468
247932.7	842511.2	137.4	44.546	27.725	31.9	52.469	8.3	41.754	0.857	1.865	65.3	2.053	44.5	-0.874	0.989	-48.5	1.320
247932.4	842510.2	137.4	44.284	27.569	31.9	52.164	8.5	41.511	0.786	1.867	67.2	2.025	41.2	-0.879	0.714	-39.1	1.133
247932.1	842509.3	137.5	44.468	27.695	31.9	52.387	8.4	41.689	0.772	1.874	67.6	2.027	40.3	-0.876	0.616	-35.1	1.071
247931.8	842508.3	137.6	44.649	27.818	31.9	52.606	8.3	41.862	0.761	1.882	68.0	2.030	39.5	-0.872	0.529	-31.2	1.020
247931.5	842507.4	137.8	44.912	27.994	31.9	52.922	8.2	42.114	0.762	1.889	68.0	2.037	39.3	-0.869	0.487	-29.3	0.996
247931.2	842506.4	137.9	45.364	28.291	31.9	53.462	8.0	42.544	0.790	1.898	67.4	2.056	40.2	-0.867	0.534	-31.6	1.018

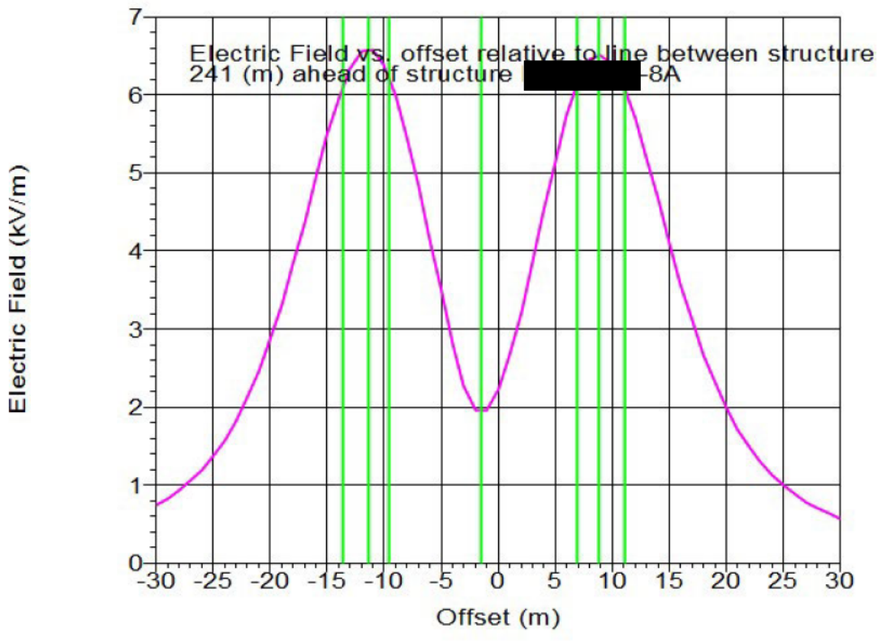
247930.9	842505.4	138.1	45.684	28.504	32.0	53.847	7.9	42.850	0.806	1.905	67.1	2.068	40.6	-0.868	0.547	-32.2	1.026
247930.7	842504.5	138.2	46.019	28.727	32.0	54.250	7.8	43.170	0.827	1.910	66.6	2.081	41.3	-0.873	0.585	-33.8	1.051
247930.4	842503.5	138.4	46.509	29.050	32.0	54.836	7.6	43.637	0.871	1.917	65.6	2.106	42.8	-0.882	0.701	-38.5	1.126
247930.1	842502.6	138.6	47.149	29.470	32.0	55.601	7.3	44.246	0.936	1.926	64.1	2.142	44.9	-0.894	0.892	-44.9	1.263
247929.8	842501.6	138.8	47.705	29.837	32.0	56.268	7.0	44.776	0.995	1.934	62.8	2.175	46.5	-0.912	1.069	-49.5	1.405
247929.5	842500.6	138.9	47.906	29.978	32.0	56.513	7.0	44.971	1.013	1.936	62.4	2.185	46.9	-0.931	1.131	-50.5	1.465
247929.2	842499.7	138.9	47.489	29.720	32.0	56.023	7.2	44.581	0.958	1.926	63.6	2.152	45.3	-0.950	0.980	-45.9	1.364
247928.9	842498.7	138.9	47.437	29.697	32.0	55.965	7.3	44.536	0.952	1.924	63.7	2.146	45.0	-0.972	0.981	-45.3	1.380
247928.6	842497.8	139.1	48.012	30.078	32.1	56.655	7.0	45.085	1.025	1.932	62.1	2.187	46.9	-0.998	1.233	-51.0	1.587
247928.4	842496.8	139.3	48.633	30.490	32.1	57.400	6.7	45.678	1.105	1.943	60.4	2.235	48.7	-1.027	1.514	-55.8	1.830
247928.1	842495.9	139.4	48.609	30.486	32.1	57.378	6.8	45.660	1.110	1.942	60.2	2.236	48.7	-1.052	1.571	-56.2	1.891
247927.8	842494.9	139.4	48.136	30.191	32.1	56.821	7.0	45.216	1.063	1.931	61.2	2.205	47.7	-1.074	1.475	-53.9	1.824
247927.5	842493.9	139.4	47.815	29.993	32.1	56.443	7.2	44.916	1.037	1.925	61.7	2.186	47.0	-1.096	1.446	-52.8	1.814
247927.2	842493.0	139.5	47.944	30.088	32.1	56.603	7.2	45.043	1.069	1.927	61.0	2.203	47.7	-1.120	1.597	-55.0	1.951
247926.9	842492.0	139.5	47.804	30.007	32.1	56.441	7.3	44.915	1.070	1.924	60.9	2.201	47.7	-1.141	1.659	-55.5	2.014
247926.6	842491.1	139.5	47.410	29.763	32.1	55.978	7.5	44.546	1.043	1.916	61.4	2.181	47.1	-1.159	1.638	-54.7	2.007
247926.3	842490.1	139.5	47.069	29.552	32.1	55.577	7.7	44.227	1.025	1.909	61.8	2.166	46.8	-1.176	1.646	-54.5	2.023
247926.1	842489.2	139.6	46.858	29.426	32.1	55.332	7.8	44.032	1.025	1.904	61.7	2.163	46.8	-1.191	1.714	-55.2	2.087
247925.8	842488.2	139.6	46.645	29.298	32.1	55.083	7.9	43.833	1.027	1.900	61.6	2.160	47.0	-1.203	1.791	-56.1	2.158
247925.5	842487.2	139.6	46.436	29.173	32.1	54.839	8.0	43.640	1.033	1.895	61.4	2.158	47.2	-1.212	1.880	-57.2	2.237
247925.2	842486.3	139.8	46.874	29.466	32.2	55.366	7.9	44.059	1.117	1.904	59.6	2.208	48.9	-1.221	2.220	-61.2	2.534
247924.9	842485.3	139.8	46.233	29.061	32.2	54.608	8.2	43.456	1.077	1.890	60.3	2.175	48.4	-1.222	2.166	-60.6	2.487
247924.6	842484.4	139.7	45.529	28.615	32.1	53.775	8.6	42.793	1.031	1.874	61.2	2.139	47.6	-1.221	2.096	-59.8	2.426
247924.3	842483.4	139.6	44.643	28.052	32.1	52.724	9.0	41.957	0.966	1.855	62.5	2.091	46.2	-1.218	1.961	-58.2	2.309
247924.0	842482.4	139.5	43.814	27.527	32.1	51.743	9.4	41.176	0.909	1.837	63.7	2.050	44.8	-1.214	1.854	-56.8	2.216
247923.8	842481.5	139.4	42.994	27.008	32.1	50.773	9.8	40.404	0.856	1.819	64.8	2.010	43.3	-1.208	1.755	-55.4	2.131
247923.5	842480.5	139.3	42.121	26.456	32.1	49.741	10.2	39.582	0.798	1.800	66.1	1.969	41.5	-1.202	1.639	-53.7	2.033
247923.2	842479.6	139.3	41.906	26.326	32.1	49.489	10.4	39.382	0.821	1.793	65.4	1.972	42.6	-1.191	1.794	-56.4	2.153
247922.9	842478.6	139.4	41.729	26.220	32.1	49.283	10.5	39.218	0.850	1.786	64.6	1.978	44.0	-1.178	1.970	-59.1	2.295
247922.6	842477.7	139.4	41.209	25.894	32.1	48.670	10.7	38.730	0.839	1.772	64.7	1.961	43.9	-1.165	2.014	-60.0	2.327
247922.3	842476.7	139.3	40.646	25.541	32.1	48.005	11.0	38.201	0.825	1.758	64.9	1.941	43.8	-1.151	2.047	-60.6	2.348
247922.0	842475.7	139.2	39.579	24.866	32.1	46.742	11.5	37.196	0.752	1.733	66.5	1.889	41.3	-1.142	1.877	-58.7	2.197
247921.7	842474.8	139.0	38.665	24.289	32.1	45.661	12.0	36.336	0.699	1.712	67.8	1.849	39.4	-1.133	1.770	-57.4	2.101
247921.5	842473.8	139.1	38.361	24.102	32.1	45.304	12.1	36.052	0.719	1.700	67.1	1.846	40.7	-1.113	1.921	-59.9	2.221
247921.2	842472.9	138.9	37.504	23.563	32.1	44.292	12.6	35.246	0.675	1.679	68.1	1.809	39.1	-1.102	1.843	-59.1	2.147
247920.9	842471.9	138.8	36.611	23.000	32.1	43.236	13.0	34.406	0.627	1.657	69.3	1.771	37.2	-1.091	1.748	-58.0	2.061
247920.6	842471.0	138.7	35.946	22.584	32.1	42.451	13.3	33.782	0.608	1.638	69.6	1.747	36.6	-1.076	1.752	-58.4	2.056
247920.3	842470.0	138.7	35.289	22.172	32.1	41.677	13.6	33.165	0.590	1.619	70.0	1.723	36.0	-1.059	1.760	-58.9	2.054
247920.0	842469.0	138.6	34.723	21.818	32.1	41.009	13.9	32.634	0.583	1.601	70.0	1.704	36.1	-1.040	1.806	-60.1	2.084
247919.7	842468.1	138.5	33.979	21.353	32.1	40.131	14.3	31.935	0.556	1.580	70.6	1.675	35.0	-1.024	1.774	-60.0	2.048
247919.4	842467.1	138.4	33.236	20.887	32.1	39.254	14.7	31.237	0.529	1.559	71.3	1.647	33.9	-1.007	1.738	-59.9	2.009
247919.2	842466.2	138.3	32.549	20.457	32.1	38.444	15.0	30.593	0.509	1.539	71.7	1.621	33.1	-0.989	1.725	-60.2	1.988
247918.9	842465.2	138.2	31.784	19.978	32.2	37.542	15.4	29.875	0.481	1.517	72.4	1.592	31.7	-0.972	1.672	-59.8	1.934
247918.6	842464.3	138.0	30.823	19.376	32.2	36.408	15.8	28.972	0.429	1.493	74.0	1.553	28.7	-0.964	1.522	-57.7	1.801
247918.3	842463.3	137.9	30.319	19.062	32.2	35.813	16.1	28.499	0.431	1.475	73.7	1.536	29.1	-0.936	1.581	-59.4	1.837
247918.0	842462.3	138.0	30.307	19.058	32.2	35.801	16.1	28.490	0.489	1.464	71.5	1.544	33.4	-0.885	1.868	-64.7	2.067
247917.7	842461.4	138.2	30.311	19.065	32.2	35.808	16.1	28.495	0.546	1.456	69.4	1.555	37.5	-0.831	2.156	-68.9	2.311
247917.4	842460.4	138.0	29.391	18.488	32.2	34.722	16.6	27.631	0.499	1.431	70.8	1.515	34.8	-0.819	2.007	-67.8	2.168
247917.1	842459.5	137.8	28.413	17.875	32.2	33.568	17.1	26.713	0.444	1.405	72.5	1.474	31.4	-0.813	1.819	-65.9	1.993
247916.9	842458.5	137.4	27.158	17.089	32.2	32.087	17.7	25.534	0.359	1.376	75.4	1.422	25.3	-0.826	1.479	-60.8	1.694
247916.6	842457.5	137.3	26.511	16.686	32.2	31.325	18.0	24.928	0.341	1.357	75.9	1.399	24.1	-0.807	1.428	-60.5	1.640
247916.3	842456.6	137.2	25.964	16.344	32.2	30.680	18.3	24.414	0.333	1.339	76.0	1.380	23.6	-0.783	1.419	-61.1	1.620
247916.0	842455.6	137.1	25.392	15.988	32.2	30.006	18.6	23.878	0.321	1.322	76.3	1.360	22.8	-0.761	1.388	-61.3	1.583
247915.7	842454.7	136.9	24.636	15.516	32.2	29.115	18.9	23.169	0.290	1.302	77.4	1.334	20.1	-0.754	1.250	-58.9	1.460
247915.4	842453.7	136.7	23.695	14.927	32.2	28.005	19.4	22.285	0.242	1.281	79.3	1.304	15.4	-0.764	0.998	-52.6	1.257
247915.1	842452.8	136.5	23.098	14.555	32.2	27.301	19.7	21.726	0.229	1.264	79.7	1.285	13.8	-0.751	0.920	-50.8	1.187
247914.8	842451.8	136.7	23.101	14.560	32.2	27.307	19.7	21.730	0.268	1.254	77.9	1.282	18.1	-0.688	1.168	-59.5	1.355
247914.6	842450.8	136.8	23.186	14.615	32.2	27.407	19.7	21.810	0.317	1.246	75.7	1.286	23.2	-0.617	1.451	-67.0	1.576
247914.3	842449.9	136.9	23.198	14.625	32.2	27.423	19.8	21.823	0.359	1.239	73.8	1.290	27.4	-0.550	1.685	-71.9	1.773
247914.0	842448.9	136.6	22.162	13.976	32.2	26.201	20.3	20.850	0.295	1.215	76.3	1.251	21.2	-0.572	1.341	-66.9	1.458
247913.7	842448.0	136.4	21.388	13.493	32.2	25.289	20.7	20.124	0.260	1.197	77.7	1.225	17.3	-0.575	1.123	-62.9	1.261
247913.4	842447.0	136.2	20.703	13.065	32.3	24.481	21.0	19.481	0.235	1.180	78.7	1.203	14.2	-0.571	0.940	-58.7	1.100
247913.1	842446.1	136.0	20.162	12.727	32.3	23.843	21.3	18.974	0.224	1.165	79.1	1.187	12.5	-0.554	0.831	-56.3	0.999
247912.8	842445.1	136.0	19.888	12.558	32.3	23.521	21.5	18.717	0.230	1.153	78.7	1.176	13.4	-0.509	0.874	-59.8	1.011
247912.5	842444.1	136.0	19.597	12.377	32.3	23.178	21.6	18.445	0.234	1.142	78.4	1.166	14.2	-0.465	0.899	-62.7	1.012
247912.3	842443.2	135.9	19.300	12.192	32.3	22.829	21.8	18.166	0.237	1.130	78.1	1.155	14.7	-0.420	0.914	-65.3	1.006
247912.0	842442.2	135.9	18.951	11.975	32.3	22.418	22.0	17.840	0.236	1.119	78.1	1.143	14.7	-0.380	0.890	-66.9	0.968
247911.7	842441.3	135.8	18.592	11.751	32.3	21.994	22.2	17.502	0.232	1.107	78.1	1.131	14.3	-0.342	0.852	-68.1	0.918
247911.4	842440.3	135.7	18.238	11.531	32.3	21.578	22.4	17.171	0.229	1.096	78.2	1.119	14.0	-0.303	0.811	-69.5	0.865
247911.1	842439.3	135.7	17.943	11.348	32.3	21.230	22.6	16.895	0.229	1.085	78.1	1.109	14.2	-0.258	0.799	-72.1	0.839
247910.8	842438.4	135.6	17.657	11.170	32.3	20.893	22.8	16.627	0.229	1.075	78.0	1.100	14.3	-0.212	0.786	-74.9	0.814
247910.5	842437.4	135.6	17.375	10.995	32.3	20.561	22.9	16.362	0.228	1.066	77.9	1.090	14.5	-0.168	0.770	-77.7	0.788
247910.2	842436.5	135.6	17.118	10.835	32.3	20.259	23.1	16.122	0.229	1.057	77.8	1.081	14.8	-0.122	0.764	-81.0	0.774
247910.0	842435.5	135.5	16.759	10.611	32.3	19.836	23.3	15.785	0.221	1.047	78.1	1.070	13.7	-0.089	0.684	-82.6	0.690
247909.7	842434.6	135.4	16.483	10.440	32.3	19.511	23.5	15.526	0.220	1.038	78.1	1.061	13.6	-0.049	0.654	-85.7	0.656
247909.4	842433.6	135.5	16.337	10.350	32.4	19.339	23.6	15.390	0.227	1.030	77.6	1.055	15.0	0.005	0.706	89.6	0.706
247909.1	842432.6	135.5	16.130	10.221	32.4	19.096	23.7	15.196	0.229	1.022	77.4	1.048	15.5	0.049	0.712	86.0	0.714
247908.8	842431.7	135.5	15.890	10.072	32.4	18.813	23.9	14.971	0.228	1.014	77.3	1.040	15.5	0.088	0.692	82.8	0.698
247908.5	842430.7	135.4	15.653	9.926	32.4	18.535	24.0	14.750	0.227	1.006	77.3	1.031	15.5	0.124	0.670	79.5	0.681
247908.2	842429.8	135.5	15.548	9.862	32.4	18.411	24.1	14.651	0.236	1.000	76.7	1.027	17.1	0.174	0.735	76.7	0.756
247907.9	842428.8	135.4	15.251	9.677	32.4	18.062	24.3	14.373	0.230	0.991	77.0	1.017	16.1	0.198	0.664	73.4	0.693
247907.7	842427.9	135.4	14.986	9.512	32.4	17.750	24.5	14.125	0.225	0.983	77.1	1.008	15.5	0.223	0.611	70.0	0.650
247907.4	842426.9	135.4	14.826	9.413	32.4	17.562	24.6	13.975	0.228	0.976	76.8	1.002	16.2	0.259	0.629	67.6	0.680
247907.1	842425.9	135.4	14.629	9.292	32.4	17.331	24.7	13.791	0.229	0.968	76.7	0.995	16.4	0.288	0.620	65.1	0.683
247906.8	842425.0	135.4	14.384	9.139	32.4	17.042	24.9	13.561	0.225	0.960	76.8	0.986	15.8	0.308	0.572	61.7	0.650
247906.5	842424.0	135.4	14.273	9.072	32.4	16.912	25.0	13.458	0.231	0.953	76.4	0.981	17.0	0.344	0.620	61.0	0.709
247906.2	842423.1	135.4	14.127	8.982	32.4	16.740	25.1	13.322	0.234	0.946	76.1	0.974	17.7	0.374	0.642	59.8	0.743

247905.9	842422.1	135.4	13.867	8.820	32.5	16.435	25.3	13.078	0.228	0.937	76.3	0.965	16.7	0.385	0.578	56.3	0.695
247905.6	842421.2	135.3	13.612	8.661	32.5	16.134	25.5	12.839	0.223	0.929	76.5	0.955	15.8	0.395	0.515	52.5	0.649
247905.4	842420.2	135.3	13.365	8.508	32.5	15.843	25.7	12.608	0.218	0.920	76.7	0.945	14.9	0.404	0.456	48.4	0.609
247905.1	842419.2	135.4	13.331	8.489	32.5	15.804	25.8	12.577	0.229	0.913	75.9	0.941	17.0	0.442	0.559	51.6	0.712
247904.8	842418.3	135.5	13.328	8.490	32.5	15.803	25.8	12.575	0.242	0.907	75.0	0.938	19.6	0.483	0.684	54.8	0.837
247904.5	842417.3	135.6	13.259	8.449	32.5	15.722	25.9	12.511	0.251	0.899	74.4	0.934	21.1	0.513	0.758	55.9	0.916
247904.2	842416.4	135.7	13.117	8.361	32.5	15.555	26.1	12.378	0.253	0.891	74.1	0.927	21.7	0.531	0.777	55.6	0.941
247903.9	842415.4	135.5	12.748	8.129	32.5	15.119	26.3	12.031	0.237	0.881	75.0	0.912	18.9	0.514	0.622	50.4	0.806
247903.6	842414.4	135.4	12.390	7.903	32.5	14.696	26.6	11.695	0.222	0.870	75.7	0.898	16.1	0.495	0.469	43.5	0.682
247903.3	842413.5	135.2	12.051	7.690	32.5	14.295	26.8	11.376	0.210	0.860	76.3	0.885	13.5	0.476	0.327	34.5	0.578
247903.1	842412.5	135.0	11.685	7.458	32.5	13.862	27.1	11.031	0.198	0.850	76.9	0.873	10.3	0.450	0.158	19.3	0.476
247902.8	842411.6	135.2	11.665	7.447	32.6	13.840	27.1	11.013	0.206	0.842	76.3	0.867	12.6	0.482	0.274	29.6	0.554
247902.5	842410.6	135.4	11.718	7.483	32.6	13.904	27.2	11.064	0.220	0.835	75.2	0.863	16.1	0.526	0.448	40.4	0.691
247902.2	842409.7	135.7	11.856	7.572	32.6	14.067	27.2	11.194	0.243	0.829	73.7	0.864	20.8	0.585	0.686	49.6	0.901
247901.9	842408.7	135.8	11.838	7.562	32.6	14.047	27.3	11.179	0.254	0.821	72.8	0.860	23.1	0.616	0.799	52.4	1.009
247901.6	842407.7	135.7	11.575	7.395	32.6	13.736	27.5	10.931	0.245	0.811	73.2	0.847	21.6	0.605	0.717	49.8	0.938
247901.3	842406.8	135.7	11.321	7.232	32.6	13.434	27.7	10.690	0.237	0.800	73.5	0.834	20.2	0.594	0.640	47.2	0.873
247901.0	842405.8	135.7	11.166	7.132	32.6	13.250	27.9	10.544	0.237	0.790	73.3	0.825	20.3	0.600	0.643	47.0	0.879
247900.8	842404.9	135.7	10.987	7.015	32.6	13.036	28.0	10.374	0.235	0.780	73.2	0.815	20.0	0.601	0.624	46.1	0.866
247900.5	842403.9	135.6	10.772	6.875	32.5	12.779	28.2	10.169	0.231	0.769	73.3	0.803	19.1	0.594	0.575	44.1	0.827
247900.2	842403.0	135.6	10.559	6.734	32.5	12.523	28.4	9.966	0.227	0.758	73.3	0.791	18.2	0.586	0.527	42.0	0.789
247899.9	842402.0	135.6	10.381	6.615	32.5	12.309	28.5	9.796	0.225	0.746	73.2	0.780	17.9	0.585	0.508	40.9	0.775
247899.6	842401.0	135.6	10.204	6.496	32.5	12.096	28.7	9.626	0.224	0.735	73.1	0.768	17.6	0.583	0.488	39.9	0.761
247899.3	842400.1	135.5	10.030	6.377	32.4	11.886	28.8	9.458	0.223	0.723	72.9	0.757	17.4	0.582	0.471	39.0	0.748
247899.0	842399.1	135.6	9.892	6.279	32.4	11.717	29.0	9.324	0.224	0.711	72.5	0.746	17.7	0.587	0.483	39.4	0.760
247898.7	842398.2	135.6	9.753	6.179	32.4	11.546	29.1	9.188	0.225	0.699	72.2	0.735	18.1	0.593	0.493	39.8	0.771
247898.5	842397.2	135.6	9.604	6.072	32.3	11.362	29.2	9.042	0.226	0.687	71.8	0.723	18.3	0.596	0.494	39.7	0.774
247898.2	842396.2	135.6	9.430	5.946	32.2	11.148	29.3	8.871	0.225	0.673	71.5	0.710	18.0	0.592	0.473	38.6	0.758
247897.9	842395.3	135.6	9.254	5.816	32.1	10.930	29.3	8.697	0.224	0.660	71.3	0.696	17.6	0.587	0.448	37.3	0.738
247897.6	842394.3	135.6	9.078	5.684	32.1	10.711	29.4	8.523	0.223	0.645	71.0	0.683	17.2	0.581	0.421	35.9	0.718
247897.3	842393.4	135.6	8.901	5.550	31.9	10.489	29.4	8.347	0.222	0.631	70.6	0.669	16.7	0.574	0.392	34.3	0.695
247897.0	842392.4	135.6	8.728	5.416	31.8	10.271	29.4	8.174	0.221	0.616	70.3	0.655	16.2	0.568	0.364	32.7	0.674
247896.7	842391.5	135.6	8.580	5.296	31.7	10.083	29.4	8.024	0.222	0.601	69.8	0.641	16.2	0.567	0.356	32.1	0.670
247896.4	842390.5	135.6	8.455	5.189	31.5	9.920	29.3	7.894	0.224	0.586	69.1	0.628	16.7	0.573	0.365	32.5	0.679
247896.2	842389.5	135.7	8.334	5.082	31.4	9.762	29.2	7.768	0.225	0.571	68.5	0.614	17.2	0.580	0.374	32.8	0.690
247895.9	842388.6	135.7	8.212	4.972	31.2	9.600	29.0	7.639	0.227	0.556	67.8	0.601	17.7	0.586	0.378	32.8	0.697
247895.6	842387.6	135.8	8.090	4.861	31.0	9.438	28.8	7.510	0.229	0.541	67.1	0.587	18.0	0.591	0.378	32.6	0.702
247895.3	842386.7	135.8	7.957	4.741	30.8	9.262	28.5	7.371	0.230	0.525	66.4	0.573	18.1	0.592	0.365	31.7	0.695
247895.0	842385.7	135.8	7.838	4.629	30.6	9.103	28.2	7.244	0.231	0.510	65.6	0.560	18.3	0.596	0.359	31.0	0.696
247894.7	842384.8	135.8	7.709	4.511	30.3	8.932	27.9	7.108	0.232	0.494	64.8	0.546	18.1	0.595	0.339	29.7	0.685
247894.4	842383.8	135.8	7.583	4.394	30.1	8.764	27.5	6.974	0.234	0.478	64.0	0.532	17.8	0.593	0.315	28.0	0.672
247894.1	842382.8	135.9	7.459	4.280	29.8	8.599	27.1	6.843	0.235	0.463	63.1	0.519	17.3	0.590	0.287	26.0	0.656
247893.9	842381.9	135.9	7.335	4.167	29.6	8.436	26.6	6.713	0.236	0.448	62.2	0.507	16.5	0.583	0.253	23.5	0.635
247893.6	842380.9	135.8	7.219	4.061	29.4	8.283	26.1	6.591	0.238	0.434	61.3	0.495	15.7	0.575	0.219	20.8	0.615
247893.3	842380.0	135.8	7.104	3.958	29.1	8.132	25.6	6.472	0.240	0.420	60.2	0.484	14.5	0.564	0.177	17.5	0.591
247893.0	842379.0	135.8	7.014	3.873	28.9	8.012	25.1	6.376	0.244	0.407	59.1	0.474	13.7	0.559	0.149	14.9	0.578
247892.7	842378.1	135.9	6.940	3.802	28.7	7.913	24.5	6.297	0.249	0.395	57.8	0.467	13.1	0.557	0.126	12.7	0.571
247892.4	842377.1	135.9	6.876	3.740	28.5	7.827	24.0	6.229	0.254	0.383	56.5	0.460	12.4	0.554	0.102	10.5	0.563
247892.1	842376.1	135.9	6.804	3.678	28.4	7.735	23.6	6.155	0.261	0.373	55.0	0.455	11.0	0.540	0.063	6.7	0.544
247891.8	842375.2	135.9	6.739	3.626	28.3	7.652	23.2	6.090	0.268	0.363	53.5	0.451	9.4	0.523	0.022	2.4	0.523
247891.6	842374.2	135.8	6.685	3.586	28.2	7.586	22.8	6.037	0.278	0.354	51.9	0.450	7.7	0.503	-0.018	-2.1	0.503
247891.3	842373.3	135.8	6.647	3.559	28.2	7.540	22.5	6.000	0.289	0.346	50.1	0.451	6.1	0.484	-0.055	-6.4	0.487

Max BF along centerline is 57.400 (uT) at 241.000 (m) from structure [redacted]-8A

Cross section results at max BF along centerline between structures [redacted]-8A and [redacted]-9R





3D EMF Point Results Span from [redacted]-8A to [redacted]-9R:

Measurement			B					H	EF					Space Potential			
X (m)	Y (m)	Z (m)	Real (uT)	Imaginary (uT)	Angle (deg)	Magnitude (uT)	Polarization Axial Ratio %	Magnitude (A/m)	Real (kV/m)	Imaginary (kV/m)	Angle (deg)	Magnitude (kV/m)	Polarization Axial Ratio %	Real (kV)	Imaginary (kV)	Angle (deg)	Magnitude (kV)
247957.1	842488.2	136.2	9.325	6.432	34.6	11.329	44.9	9.015	0.212	0.708	73.3	0.739	14.6	-0.703	-0.139	11.2	0.716
247956.1	842488.5	136.5	10.213	6.904	34.1	12.327	44.9	9.810	0.295	0.771	69.0	0.825	13.0	-0.761	-0.306	21.9	0.820
247955.2	842488.8	136.6	11.176	7.391	33.5	13.399	44.7	10.663	0.402	0.836	64.3	0.927	11.7	-0.814	-0.453	29.1	0.932
247954.2	842489.1	136.8	12.248	7.910	32.9	14.580	44.3	11.602	0.533	0.903	59.4	1.049	10.3	-0.851	-0.610	35.7	1.047
247953.3	842489.3	136.9	13.414	8.445	32.2	15.851	43.8	12.614	0.695	0.971	54.4	1.194	9.1	-0.888	-0.747	40.1	1.160
247952.3	842489.6	137.0	14.648	8.974	31.5	17.178	43.1	13.670	0.892	1.038	49.3	1.368	8.4	-0.965	-0.826	40.6	1.270
247951.3	842489.9	137.1	16.024	9.537	30.8	18.648	42.3	14.839	1.127	1.102	44.4	1.576	7.6	-1.030	-0.923	41.9	1.383
247950.4	842490.2	137.2	17.630	10.173	30.0	20.355	41.3	16.198	1.406	1.161	39.6	1.824	6.1	-0.998	-1.100	47.8	1.485
247949.4	842490.5	137.3	19.424	10.846	29.2	22.247	40.2	17.703	1.735	1.213	35.0	2.118	4.7	-0.910	-1.291	54.8	1.580

247948.5	842490.8	137.4	21.444	11.563	28.3	24.362	38.9	19.387	2.119	1.255	30.6	2.463	3.3	-0.727	-1.505	64.2	1.672
247947.5	842491.1	137.6	23.823	12.370	27.4	26.843	37.5	21.361	2.559	1.285	26.7	2.863	1.6	-0.296	-1.799	80.7	1.824
247946.5	842491.4	137.8	26.329	13.156	26.6	29.433	35.9	23.422	3.056	1.298	23.0	3.321	0.8	0.125	-2.016	-86.4	2.020
247945.6	842491.6	137.9	29.088	13.973	25.7	32.270	34.1	25.680	3.604	1.294	19.8	3.829	0.8	0.692	-2.225	-72.7	2.330
247944.6	842491.9	138.1	32.337	14.896	24.7	35.603	32.1	28.332	4.190	1.271	16.9	4.378	1.6	1.680	-2.499	-56.1	3.011
247943.7	842492.2	138.1	35.256	15.663	24.0	38.579	30.0	30.700	4.785	1.226	14.4	4.939	1.7	2.237	-2.573	-49.0	3.410
247942.7	842492.5	138.1	37.975	16.362	23.3	41.350	27.9	32.905	5.351	1.160	12.2	5.475	1.6	2.588	-2.568	-44.8	3.646
247941.8	842492.8	138.3	41.440	17.277	22.6	44.897	25.6	35.728	5.860	1.079	10.4	5.959	1.9	3.764	-2.701	-35.7	4.633
247940.8	842493.1	138.4	44.858	18.202	22.1	48.411	23.3	38.524	6.258	0.983	8.9	6.335	2.1	4.985	-2.786	-29.2	5.711
247939.8	842493.4	138.6	48.034	19.129	21.7	51.703	21.0	41.144	6.498	0.878	7.7	6.557	2.2	6.124	-2.816	-24.7	6.741
247938.9	842493.7	138.7	50.612	20.015	21.6	54.426	18.7	43.311	6.539	0.765	6.7	6.584	2.2	6.930	-2.776	-21.8	7.466
247937.9	842493.9	138.8	51.959	20.750	21.8	55.949	16.7	44.523	6.352	0.645	5.8	6.385	2.3	6.961	-2.637	-20.8	7.443
247937.0	842494.2	138.8	52.272	21.383	22.2	56.477	14.8	44.943	5.962	0.518	5.0	5.984	2.5	6.429	-2.446	-20.8	6.878
247936.0	842494.5	138.8	52.720	22.189	22.8	57.200	13.0	45.518	5.446	0.402	4.2	5.460	3.3	6.188	-2.264	-20.1	6.589
247935.1	842494.8	138.9	52.474	22.953	23.6	57.275	11.5	45.578	4.821	0.311	3.7	4.831	4.8	5.567	-2.028	-20.0	5.925
247934.1	842495.1	138.9	51.703	23.680	24.6	56.867	10.2	45.254	4.137	0.301	4.2	4.148	7.2	4.669	-1.748	-20.5	4.986
247933.1	842495.4	138.9	50.874	24.480	25.7	56.457	9.1	44.927	3.444	0.417	6.9	3.469	11.5	3.761	-1.426	-20.8	4.022
247932.2	842495.7	138.8	49.334	25.069	26.9	55.338	8.5	44.037	2.741	0.604	12.4	2.807	18.1	2.512	-1.113	-23.9	2.747
247931.2	842496.0	138.9	48.555	25.996	28.2	55.076	7.9	43.828	2.103	0.864	22.3	2.273	31.4	1.636	-0.716	-23.6	1.786
247930.3	842496.2	139.0	48.284	27.228	29.4	55.432	7.4	44.112	1.560	1.176	37.0	1.954	56.6	0.854	-0.170	-11.2	0.871
247929.3	842496.5	139.2	48.475	28.809	30.7	56.389	6.9	44.873	1.202	1.538	52.0	1.952	76.6	0.007	0.605	89.3	0.605
247928.4	842496.8	139.3	48.633	30.490	32.1	57.400	6.7	45.678	1.105	1.943	60.4	2.235	48.7	-1.027	1.514	-55.8	1.830
247927.4	842497.1	139.3	48.182	31.829	33.4	57.746	7.2	45.953	1.231	2.378	62.6	2.678	28.7	-2.107	2.265	-47.1	3.093
247926.4	842497.4	139.2	47.482	32.956	34.8	57.798	8.0	45.994	1.539	2.846	61.6	3.235	17.1	-3.058	2.867	-43.2	4.192
247925.5	842497.7	139.2	46.887	34.103	36.0	57.978	9.1	46.137	1.953	3.342	59.7	3.871	10.6	-3.905	3.467	-41.6	5.222
247924.5	842498.0	139.0	45.927	34.849	37.2	57.651	10.5	45.878	2.381	3.837	58.2	4.516	6.7	-4.494	3.771	-40.0	5.867
247923.6	842498.3	139.0	45.195	35.703	38.3	57.596	11.9	45.833	2.816	4.319	56.9	5.156	4.6	-5.078	4.201	-39.6	6.591
247922.6	842498.5	139.0	44.549	36.564	39.4	57.633	13.5	45.863	3.219	4.752	55.9	5.739	3.5	-5.693	4.744	-39.8	7.411
247921.6	842498.8	138.9	43.495	36.922	40.3	57.054	15.3	45.402	3.550	5.078	55.0	6.196	2.9	-6.114	5.032	-39.5	7.918
247920.7	842499.1	138.8	41.393	36.013	41.0	54.866	17.4	43.661	3.770	5.232	54.2	6.449	2.4	-5.899	4.441	-37.0	7.383
247919.7	842499.4	138.6	38.704	34.249	41.5	51.681	19.7	41.127	3.885	5.211	53.3	6.500	2.1	-5.239	3.294	-32.2	6.188
247918.8	842499.7	138.5	36.570	32.932	42.0	49.213	21.8	39.162	3.918	5.053	52.2	6.394	2.0	-5.015	2.783	-29.0	5.735
247917.8	842500.0	138.5	34.541	31.580	42.4	46.801	24.0	37.243	3.860	4.753	50.9	6.123	2.2	-4.942	2.481	-26.7	5.530
247916.9	842500.3	138.2	31.457	28.766	42.4	42.627	26.2	33.921	3.706	4.313	49.3	5.687	1.6	-3.839	0.981	-14.3	3.962
247915.9	842500.6	138.1	29.127	26.710	42.5	39.519	28.4	31.448	3.507	3.822	47.5	5.187	1.4	-3.403	0.365	-6.1	3.422
247914.9	842500.8	138.1	27.005	24.775	42.5	36.648	30.4	29.163	3.271	3.302	45.3	4.647	1.3	-3.123	-0.026	0.5	3.123
247914.0	842501.1	138.0	24.874	22.706	42.4	33.679	32.4	26.801	3.013	2.783	42.7	4.102	1.1	-2.709	-0.494	10.3	2.754
247913.0	842501.4	137.8	22.664	20.440	42.0	30.519	34.2	24.286	2.750	2.294	39.8	3.581	1.0	-2.006	-1.131	29.4	2.303
247912.1	842501.7	137.7	20.809	18.547	41.7	27.875	35.9	22.182	2.492	1.851	36.6	3.104	1.8	-1.600	-1.419	41.6	2.139
247911.1	842502.0	137.6	19.224	16.932	41.4	25.617	37.5	20.386	2.245	1.459	33.0	2.678	2.5	-1.406	-1.495	46.8	2.052
247910.2	842502.3	137.5	17.701	15.357	40.9	23.435	38.8	18.649	2.014	1.123	29.1	2.306	3.6	-1.126	-1.587	54.7	1.946
247909.2	842502.6	137.4	16.307	13.912	40.5	21.435	40.1	17.057	1.801	0.840	25.0	1.987	5.0	-0.866	-1.625	62.0	1.841
247908.2	842502.9	137.2	15.042	12.609	40.0	19.628	41.1	15.619	1.605	0.606	20.7	1.716	6.5	-0.646	-1.609	68.1	1.734
247907.3	842503.1	137.1	13.901	11.443	39.5	18.005	42.0	14.328	1.427	0.418	16.3	1.487	7.9	-0.473	-1.550	73.0	1.621
247906.3	842503.4	137.0	12.853	10.385	38.9	16.524	42.7	13.150	1.266	0.271	12.1	1.295	9.4	-0.311	-1.469	78.0	1.502
247905.4	842503.7	136.9	11.941	9.477	38.4	15.245	43.4	12.132	1.122	0.164	8.3	1.134	10.2	-0.248	-1.361	79.7	1.384
247904.4	842504.0	136.8	11.125	8.675	37.9	14.108	43.9	11.227	0.992	0.107	6.1	0.997	10.6	-0.226	-1.253	79.8	1.273
247903.4	842504.3	136.9	10.457	8.028	37.5	13.183	44.6	10.491	0.875	0.104	6.8	0.881	9.5	-0.348	-1.162	73.3	1.213
247902.5	842504.6	136.9	9.752	7.353	37.0	12.213	44.9	9.719	0.771	0.143	10.5	0.785	9.8	-0.302	-1.077	74.3	1.118
247901.5	842504.9	136.5	8.966	6.615	36.4	11.142	44.7	8.867	0.679	0.189	15.5	0.704	12.7	-0.028	-0.939	88.3	0.940
247900.6	842505.2	136.2	8.326	6.027	35.9	10.278	44.7	8.179	0.596	0.218	20.1	0.635	13.9	0.078	-0.817	-84.6	0.821
247899.6	842505.4	136.1	7.788	5.541	35.4	9.558	44.7	7.606	0.523	0.236	24.3	0.574	13.9	0.086	-0.726	-83.2	0.731

Centerline results between structures [redacted]/[redacted]-8R and Gantry 1

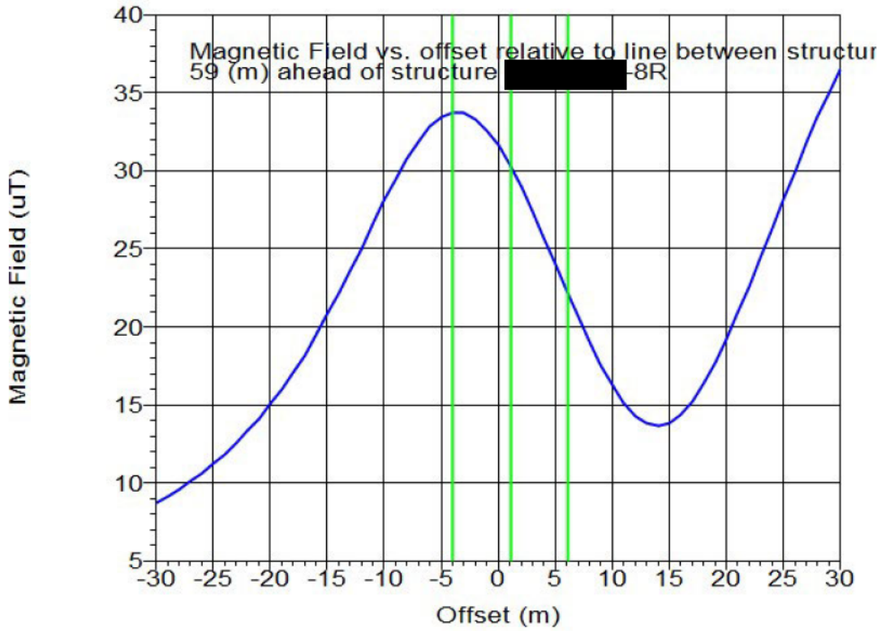
3D EMF Point Results Centerline from [redacted]/[redacted]-8R to Gantry 1:

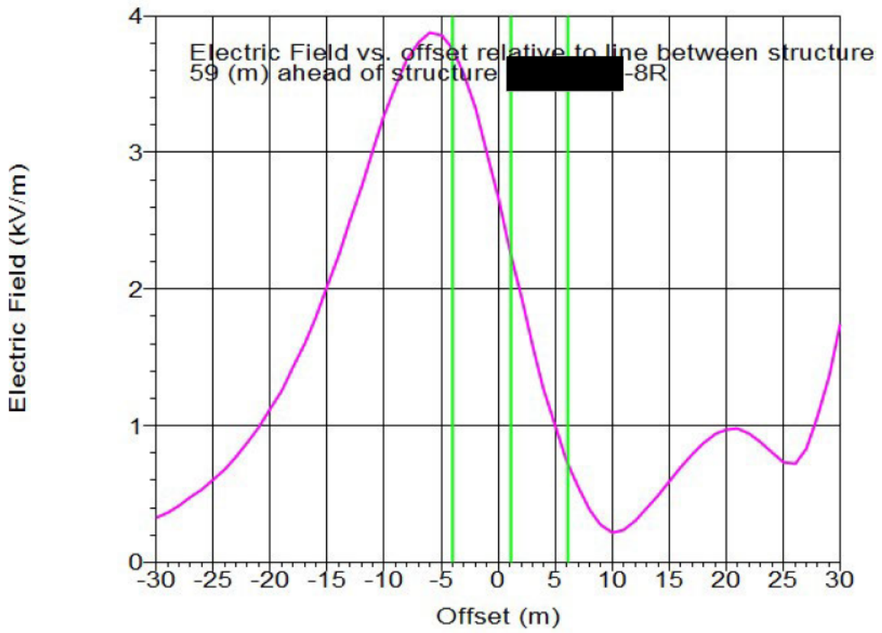
Measurement			B					H	EF					Space Potential				
X (m)	Y (m)	Z (m)	Real (uT)	Imaginary (uT)	Angle (deg)	Magnitude (uT)	Polarization Axial Ratio %	Magnitude (A/m)	Real (kV/m)	Imaginary (kV/m)	Angle (deg)	Magnitude (kV/m)	Polarization Axial Ratio %	Real (kV)	Imaginary (kV)	Angle (deg)	Magnitude (kV)	
248129.1	842899.9	128.0	8.342	5.762	34.6	10.138	8.6	8.068	0.110	0.386	74.1	0.402	18.2	0.064	0.349	79.7	0.354	
248129.9	842899.3	128.0	8.465	5.942	35.1	10.343	8.7	8.230	0.167	0.364	65.4	0.400	20.4	0.123	0.327	69.3	0.349	
248130.8	842898.8	128.0	8.560	6.105	35.5	10.514	8.8	8.367	0.231	0.339	55.8	0.410	21.4	0.188	0.304	58.2	0.357	
248131.6	842898.3	128.0	8.625	6.249	35.9	10.651	9.0	8.476	0.301	0.313	46.1	0.434	20.7	0.257	0.279	47.3	0.380	
248132.5	842897.7	128.0	8.659	6.374	36.4	10.752	9.3	8.556	0.377	0.284	37.0	0.472	18.8	0.332	0.254	37.4	0.418	
248133.3	842897.2	128.0	8.664	6.477	36.8	10.818	9.7	8.608	0.457	0.253	29.0	0.523	16.3	0.411	0.226	28.8	0.469	
248134.2	842896.6	128.0	8.644	6.560	37.2	10.851	10.2	8.635	0.543	0.221	22.1	0.586	13.6	0.496	0.197	21.7	0.534	
248135.0	842896.1	128.0	8.604	6.622	37.6	10.857	10.9	8.640	0.633	0.186	16.4	0.660	11.2	0.586	0.166	15.9	0.609	
248135.8	842895.6	128.0	8.554	6.663	37.9	10.843	11.9	8.629	0.728	0.150	11.7	0.744	9.1	0.680	0.134	11.2	0.693	
248136.7	842895.0	128.0	8.508	6.686	38.2	10.821	13.0	8.611	0.828	0.114	7.8	0.836	7.4	0.780	0.101	7.3	0.786	
248137.5	842894.5	128.0	8.485	6.693	38.3	10.807	14.5	8.600	0.932	0.078	4.8	0.935	6.0	0.884	0.065	4.2	0.887	
248138.4	842894.0	128.0	8.506	6.686	38.2	10.819	16.2	8.610	1.039	0.052	2.9	1.040	4.9	0.993	0.029	1.7	0.994	
248139.2	842893.4	128.0	8.596	6.670	37.8	10.880	18.1	8.658	1.151	0.055	2.8	1.152	4.0	1.107	-0.009	-0.5	1.107	
248140.1	842892.9	128.0	8.780	6.648	37.1	11.013	20.1	8.764	1.265	0.087	3.9	1.268	3.2	1.223	-0.048	-2.2	1.224	
248140.9	842892.3	128.0	9.078	6.626	36.1	11.239	21.9	8.944	1.382	0.128	5.3	1.388	2.7	1.343	-0.087	-3.7	1.346	
248141.7	842891.8	128.0	9.505	6.609	34.8	11.577	23.4	9.212	1.502	0.172	6.5	1.512	2.2	1.466	-0.127	-5.0	1.471	
248142.6	842891.3	128.0	10.063	6.602	33.3	12.035	24.2	9.577	1.623	0.218	7.6	1.637	1.9	1.591	-0.168	-6.0	1.599	
248143.4	842890.7	128.0	10.746	6.610	31.6	12.617	24.4	10.040	1.745	0.264	8.6	1.765	1.6	1.716	-0.209	-6.9	1.729	
248144.3	842890.2	128.0	11.541	6.639	29.9	13.314	23.9	10.595	1.867	0.310	9.4	1.892	1.4	1.843	-0.249	-7.7	1.859	
248145.1	842889.7	128.0	12.426	6.690	28.3	14.112	22.9	11.230	1.988	0.355	10.1	2.019	1.2	1.968	-0.290	-8.4	1.989	
248146.0	842889.1	128.0	13.379	6.767	26.8	14.993	21.5	11.931	2.107	0.400	10.8	2.144	1.1	2.092	-0.330	-9.0	2.118	
248146.8	842888.6	128.0	14.376	6.871	25.5	15.933	20.0	12.679	2.223	0.444	11.3	2.267	1.0	2.214	-0.369	-9.5	2.245	
248147.7	842888.1	128.0	15.395	7.001	24.5	16.912	18.3	13.458	2.336	0.486	11.8	2.386	1.0	2.332	-0.408	-9.9	2.368	

248148.5	842887.5	128.0	16.416	7.157	23.6	17.908	16.8	14.251	2.444	0.528	12.2	2.501	1.0	2.447	-0.445	-10.3	2.487
248149.3	842887.0	128.0	17.422	7.335	22.8	18.903	15.2	15.043	2.548	0.567	12.6	2.610	1.0	2.556	-0.482	-10.7	2.601
248150.2	842886.4	128.0	18.400	7.534	22.3	19.883	13.9	15.822	2.646	0.605	12.9	2.714	1.0	2.661	-0.518	-11.0	2.711
248151.0	842885.9	128.0	19.339	7.748	21.8	20.834	12.6	16.579	2.738	0.642	13.2	2.812	1.0	2.759	-0.553	-11.3	2.814
248151.9	842885.4	128.0	20.233	7.975	21.5	21.748	11.5	17.306	2.823	0.676	13.5	2.903	1.0	2.852	-0.586	-11.6	2.911
248152.7	842884.8	128.0	21.075	8.211	21.3	22.618	10.5	17.999	2.903	0.709	13.7	2.988	1.0	2.938	-0.619	-11.9	3.003
248153.6	842884.3	128.0	21.863	8.453	21.1	23.440	9.7	18.653	2.976	0.741	14.0	3.067	1.1	3.019	-0.650	-12.2	3.088
248154.4	842883.8	128.0	22.596	8.696	21.0	24.212	9.1	19.267	3.043	0.770	14.2	3.139	1.1	3.093	-0.680	-12.4	3.167
248155.2	842883.2	128.0	23.275	8.940	21.0	24.933	8.6	19.841	3.104	0.798	14.4	3.205	1.2	3.161	-0.709	-12.6	3.239
248156.1	842882.7	128.0	23.900	9.181	21.0	25.603	8.3	20.374	3.159	0.824	14.6	3.265	1.2	3.222	-0.737	-12.9	3.306
248156.9	842882.2	128.0	24.473	9.417	21.0	26.223	8.1	20.867	3.208	0.849	14.8	3.319	1.3	3.278	-0.764	-13.1	3.366
248157.8	842881.6	128.0	24.997	9.648	21.1	26.794	8.1	21.322	3.251	0.872	15.0	3.366	1.4	3.328	-0.789	-13.3	3.420
248158.6	842881.1	128.0	25.473	9.873	21.2	27.320	8.2	21.740	3.289	0.894	15.2	3.408	1.4	3.372	-0.814	-13.6	3.469
248159.5	842880.5	128.0	25.905	10.090	21.3	27.801	8.4	22.123	3.320	0.915	15.4	3.444	1.5	3.409	-0.838	-13.8	3.511
248160.3	842880.0	128.0	26.294	10.300	21.4	28.239	8.7	22.472	3.346	0.935	15.6	3.474	1.6	3.441	-0.861	-14.1	3.547
248161.2	842879.5	128.0	26.643	10.503	21.5	28.639	9.0	22.790	3.366	0.953	15.8	3.498	1.7	3.467	-0.884	-14.3	3.578
248162.0	842878.9	128.0	26.955	10.699	21.6	29.000	9.4	23.078	3.380	0.971	16.0	3.516	1.8	3.487	-0.905	-14.6	3.603
248162.8	842878.4	128.0	27.231	10.888	21.8	29.327	9.9	23.338	3.388	0.988	16.3	3.529	1.8	3.501	-0.926	-14.8	3.621
248163.7	842877.9	128.0	27.474	11.072	21.9	29.621	10.3	23.572	3.390	1.005	16.5	3.535	1.9	3.508	-0.947	-15.1	3.634
248164.5	842877.3	128.0	27.686	11.250	22.1	29.884	10.8	23.781	3.386	1.021	16.8	3.536	2.1	3.509	-0.967	-15.4	3.640
248165.4	842876.8	128.0	27.868	11.425	22.3	30.119	11.4	23.968	3.375	1.036	17.1	3.531	2.2	3.504	-0.987	-15.7	3.641
248166.2	842876.2	128.0	28.024	11.596	22.5	30.328	11.9	24.134	3.359	1.051	17.4	3.519	2.3	3.493	-1.006	-16.1	3.635
248167.1	842875.7	128.0	28.154	11.764	22.7	30.513	12.5	24.282	3.336	1.066	17.7	3.502	2.4	3.474	-1.026	-16.4	3.623
248167.9	842875.2	128.0	28.261	11.932	22.9	30.677	13.1	24.412	3.306	1.080	18.1	3.478	2.6	3.450	-1.045	-16.8	3.604
248168.7	842874.6	128.0	28.346	12.100	23.1	30.821	13.7	24.526	3.270	1.095	18.5	3.448	2.7	3.418	-1.063	-17.3	3.580
248169.6	842874.1	128.0	28.412	12.268	23.4	30.948	14.4	24.627	3.227	1.109	19.0	3.412	2.9	3.380	-1.082	-17.8	3.549
248170.4	842873.6	128.0	28.460	12.438	23.6	31.059	15.0	24.716	3.178	1.123	19.5	3.370	3.1	3.335	-1.100	-18.3	3.512
248171.3	842873.0	128.0	28.492	12.611	23.9	31.158	15.7	24.795	3.121	1.137	20.0	3.322	3.3	3.283	-1.119	-18.8	3.468
248172.1	842872.5	128.0	28.509	12.787	24.2	31.245	16.4	24.864	3.059	1.151	20.6	3.268	3.5	3.224	-1.137	-19.4	3.419
248173.0	842872.0	128.0	28.513	12.966	24.5	31.323	17.1	24.926	2.989	1.166	21.3	3.208	3.7	3.159	-1.155	-20.1	3.363
248173.8	842871.4	128.0	28.505	13.150	24.8	31.392	17.8	24.981	2.913	1.180	22.0	3.143	4.0	3.087	-1.174	-20.8	3.302
248174.7	842870.9	128.0	28.485	13.339	25.1	31.454	18.6	25.030	2.831	1.194	22.9	3.073	4.3	3.009	-1.192	-21.6	3.236
248175.5	842870.3	128.0	28.454	13.530	25.4	31.507	19.4	25.073	2.743	1.209	23.8	2.998	4.6	2.924	-1.209	-22.5	3.164
248176.3	842869.8	128.0	28.412	13.725	25.8	31.553	20.2	25.109	2.650	1.223	24.8	2.918	5.0	2.834	-1.227	-23.4	3.088
248177.2	842869.3	128.0	28.357	13.920	26.1	31.590	21.0	25.138	2.551	1.237	25.9	2.835	5.4	2.738	-1.244	-24.4	3.007
248178.0	842868.7	128.0	28.288	14.115	26.5	31.614	21.8	25.158	2.447	1.250	27.1	2.748	5.9	2.636	-1.261	-25.6	2.922
248178.9	842868.2	128.0	28.202	14.305	26.9	31.622	22.6	25.164	2.339	1.263	28.4	2.658	6.4	2.530	-1.276	-26.8	2.834
248179.7	842867.7	128.0	28.095	14.486	27.3	31.609	23.4	25.154	2.226	1.275	29.8	2.566	7.0	2.420	-1.291	-28.1	2.742
248180.6	842867.1	128.0	27.961	14.652	27.7	31.567	24.2	25.121	2.111	1.286	31.3	2.472	7.6	2.306	-1.304	-29.5	2.649
248181.4	842866.6	128.0	27.794	14.797	28.0	31.488	25.0	25.057	1.994	1.294	33.0	2.377	8.3	2.189	-1.314	-31.0	2.553
248182.3	842866.1	128.0	27.587	14.911	28.4	31.359	25.8	24.955	1.875	1.300	34.7	2.282	9.1	2.070	-1.322	-32.6	2.456
248183.1	842865.5	128.0	27.330	14.984	28.7	31.168	26.5	24.803	1.755	1.303	36.6	2.186	9.9	1.950	-1.326	-34.2	2.358
248183.9	842865.0	128.0	27.012	15.005	29.1	30.900	27.2	24.589	1.636	1.301	38.5	2.090	10.7	1.829	-1.324	-35.9	2.258
248184.8	842864.4	128.0	26.622	14.960	29.3	30.538	27.8	24.301	1.518	1.292	40.4	1.994	11.6	1.709	-1.317	-37.6	2.158
248185.6	842863.9	128.0	26.150	14.835	29.6	30.065	28.2	23.925	1.403	1.277	42.3	1.897	12.5	1.591	-1.302	-39.3	2.056
248186.5	842863.4	128.0	25.585	14.618	29.7	29.466	28.5	23.449	1.291	1.252	44.1	1.798	13.4	1.476	-1.278	-40.9	1.952
248187.3	842862.8	128.0	24.918	14.297	29.8	28.729	28.6	22.861	1.183	1.218	45.8	1.698	14.2	1.365	-1.244	-42.3	1.847
248188.2	842862.3	128.0	24.144	13.867	29.9	27.843	28.5	22.157	1.080	1.172	47.3	1.593	14.9	1.258	-1.199	-43.6	1.738
248189.0	842861.8	128.0	23.261	13.326	29.8	26.808	28.2	21.333	0.982	1.114	48.6	1.485	15.5	1.157	-1.142	-44.6	1.626
248189.8	842861.2	128.0	22.275	12.682	29.7	25.632	27.6	20.397	0.890	1.045	49.6	1.373	15.9	1.061	-1.075	-45.4	1.510
248190.7	842860.7	128.0	21.194	11.951	29.4	24.331	26.8	19.362	0.804	0.966	50.2	1.257	16.3	0.971	-0.997	-45.8	1.392
248191.5	842860.2	128.0	20.036	11.155	29.1	22.932	25.8	18.249	0.723	0.879	50.6	1.138	16.4	0.888	-0.913	-45.8	1.273
248192.4	842859.6	128.0	18.822	10.322	28.7	21.467	24.5	17.083	0.648	0.787	50.5	1.019	16.4	0.810	-0.823	-45.5	1.155
248193.2	842859.1	128.0	17.578	9.481	28.3	19.972	23.2	15.893	0.578	0.692	50.1	0.902	16.1	0.738	-0.732	-44.8	1.040
248194.1	842858.5	128.0	16.329	8.658	27.9	18.482	21.7	14.708	0.514	0.599	49.4	0.789	15.7	0.671	-0.643	-43.8	0.929
248194.9	842858.0	128.0	15.101	7.875	27.5	17.031	20.3	13.553	0.455	0.511	48.3	0.684	15.2	0.610	-0.558	-42.4	0.826
248195.8	842857.5	128.0	13.915	7.146	27.2	15.642	18.8	12.448	0.402	0.429	46.8	0.588	14.4	0.554	-0.479	-40.8	0.732

Max BF along centerline is 31.622 (uT) at 59.000 (m) from structure [redacted]-8R

Cross section results at max BF along centerline between structures [redacted]-8R and Gantry 1





3D EMF Point Results Span from [redacted]/[redacted]-8R to Gantry 1:

Measurement			B					H	EF					Space Potential				
X (m)	Y (m)	Z (m)	Real (uT)	Imaginary (uT)	Angle (deg)	Magnitude (uT)	Polarization Axial Ratio %	Magnitude (A/m)	Real (kV/m)	Imaginary (kV/m)	Angle (deg)	Magnitude (kV/m)	Polarization Axial Ratio %	Real (kV)	Imaginary (kV)	Angle (deg)	Magnitude (kV)	
248195.0	842893.5	128.0	7.868	3.827	25.9	8.749	10.5	6.962	0.302	0.123	22.1	0.326	8.1	0.794	0.067	4.8	0.797	
248194.4	842892.7	128.0	8.258	3.962	25.6	9.159	10.1	7.288	0.346	0.131	20.8	0.370	6.7	0.824	0.047	3.3	0.826	
248193.9	842891.8	128.0	8.683	4.108	25.3	9.606	9.7	7.644	0.394	0.141	19.6	0.419	5.6	0.860	0.027	1.8	0.860	
248193.4	842891.0	128.0	9.148	4.267	25.0	10.094	9.4	8.033	0.449	0.151	18.6	0.474	4.7	0.902	0.005	0.3	0.902	
248192.8	842890.1	128.0	9.656	4.439	24.7	10.627	9.0	8.457	0.511	0.164	17.8	0.536	3.8	0.950	-0.018	-1.1	0.951	
248192.3	842889.3	128.0	10.210	4.627	24.4	11.210	8.7	8.921	0.580	0.177	17.0	0.606	3.2	1.007	-0.042	-2.4	1.008	
248191.8	842888.5	128.0	10.816	4.831	24.1	11.846	8.4	9.427	0.658	0.193	16.3	0.686	2.6	1.073	-0.068	-3.6	1.075	
248191.2	842887.6	128.0	11.479	5.053	23.8	12.541	8.1	9.980	0.746	0.210	15.7	0.775	2.1	1.148	-0.095	-4.7	1.152	
248190.7	842886.8	128.0	12.201	5.294	23.5	13.300	7.8	10.584	0.845	0.230	15.2	0.876	1.7	1.235	-0.124	-5.7	1.242	

248190.1	842885.9	128.0	12.990	5.556	23.2	14.128	7.6	11.243	0.957	0.252	14.7	0.990	1.4	1.335	-0.155	-6.6	1.344
248189.6	842885.1	128.0	13.848	5.840	22.9	15.029	7.5	11.960	1.083	0.276	14.3	1.118	1.1	1.449	-0.189	-7.4	1.461
248189.1	842884.2	128.0	14.781	6.149	22.6	16.009	7.3	12.739	1.225	0.304	13.9	1.262	0.9	1.579	-0.225	-8.1	1.594
248188.5	842883.4	128.0	15.791	6.483	22.3	17.069	7.3	13.583	1.383	0.334	13.6	1.423	0.8	1.725	-0.263	-8.7	1.745
248188.0	842882.5	128.0	16.880	6.843	22.1	18.214	7.3	14.494	1.558	0.369	13.3	1.602	0.6	1.888	-0.305	-9.2	1.913
248187.5	842881.7	128.0	18.048	7.232	21.8	19.443	7.3	15.472	1.752	0.407	13.1	1.799	0.6	2.070	-0.350	-9.6	2.100
248186.9	842880.9	128.0	19.292	7.650	21.6	20.753	7.5	16.515	1.964	0.449	12.9	2.015	0.5	2.270	-0.399	-10.0	2.305
248186.4	842880.0	128.0	20.604	8.097	21.5	22.137	7.7	17.616	2.193	0.496	12.8	2.248	0.5	2.486	-0.452	-10.3	2.527
248185.9	842879.2	128.0	21.971	8.572	21.3	23.584	8.1	18.768	2.434	0.548	12.7	2.495	0.6	2.716	-0.510	-10.6	2.763
248185.3	842878.3	128.0	23.375	9.076	21.2	25.075	8.6	19.954	2.684	0.605	12.7	2.752	0.6	2.954	-0.572	-11.0	3.008
248184.8	842877.5	128.0	24.787	9.604	21.2	26.582	9.2	21.154	2.935	0.667	12.8	3.010	0.8	3.192	-0.639	-11.3	3.255
248184.2	842876.6	128.0	26.170	10.153	21.2	28.071	9.9	22.338	3.175	0.734	13.0	3.259	0.9	3.420	-0.710	-11.7	3.493
248183.7	842875.8	128.0	27.480	10.716	21.3	29.495	10.8	23.471	3.391	0.806	13.4	3.486	1.1	3.625	-0.786	-12.2	3.709
248183.2	842875.0	128.0	28.661	11.285	21.5	30.803	11.8	24.512	3.568	0.883	13.9	3.675	1.4	3.790	-0.866	-12.9	3.888
248182.6	842874.1	128.0	29.656	11.850	21.8	31.936	13.0	25.414	3.687	0.962	14.6	3.810	1.8	3.899	-0.949	-13.7	4.013
248182.1	842873.3	128.0	30.407	12.397	22.2	32.837	14.3	26.131	3.733	1.042	15.6	3.875	2.2	3.938	-1.031	-14.7	4.070
248181.6	842872.4	128.0	30.864	12.909	22.7	33.455	15.6	26.622	3.695	1.118	16.8	3.860	2.7	3.893	-1.111	-15.9	4.048
248181.0	842871.6	128.0	30.991	13.368	23.3	33.751	17.1	26.858	3.567	1.186	18.4	3.759	3.3	3.761	-1.182	-17.4	3.942
248180.5	842870.7	128.0	30.771	13.756	24.1	33.706	18.6	26.823	3.353	1.241	20.3	3.575	4.0	3.544	-1.240	-19.3	3.755
248179.9	842869.9	128.0	30.212	14.053	24.9	33.321	20.0	26.516	3.064	1.276	22.6	3.319	4.8	3.254	-1.278	-21.4	3.496
248179.4	842869.0	128.0	29.341	14.240	25.9	32.614	21.4	25.954	2.718	1.284	25.3	3.006	5.6	2.909	-1.292	-24.0	3.183
248178.9	842868.2	128.0	28.202	14.305	26.9	31.622	22.6	25.164	2.339	1.263	28.4	2.658	6.4	2.530	-1.276	-26.8	2.834
248178.3	842867.4	128.0	26.849	14.236	27.9	30.389	23.6	24.183	1.949	1.210	31.8	2.294	7.2	2.141	-1.229	-29.9	2.469
248177.8	842866.5	128.0	25.340	14.030	29.0	28.965	24.3	23.050	1.572	1.125	35.6	1.933	8.0	1.764	-1.151	-33.1	2.107
248177.3	842865.7	128.0	23.734	13.691	30.0	27.399	24.6	21.804	1.225	1.012	39.6	1.589	8.8	1.416	-1.046	-36.5	1.761
248176.7	842864.8	128.0	22.081	13.227	30.9	25.740	24.6	20.483	0.921	0.878	43.6	1.273	9.4	1.110	-0.920	-39.6	1.442
248176.2	842864.0	128.0	20.431	12.655	31.8	24.033	24.2	19.124	0.669	0.731	47.5	0.991	10.0	0.855	-0.780	-42.4	1.157
248175.7	842863.1	128.0	18.823	11.994	32.5	22.320	23.5	17.761	0.471	0.580	50.9	0.748	10.4	0.653	-0.635	-44.2	0.911
248175.1	842862.3	128.0	17.296	11.267	33.1	20.642	22.3	16.427	0.327	0.435	53.1	0.545	10.4	0.505	-0.495	-44.4	0.707
248174.6	842861.4	128.0	15.886	10.498	33.5	19.042	20.8	15.153	0.234	0.304	52.4	0.384	11.0	0.408	-0.365	-41.9	0.548
248174.0	842860.6	128.0	14.629	9.714	33.6	17.561	19.0	13.975	0.189	0.195	46.0	0.272	19.1	0.357	-0.254	-35.4	0.438
248173.5	842859.8	128.0	13.565	8.941	33.4	16.246	16.9	12.928	0.188	0.117	31.9	0.222	36.5	0.347	-0.164	-25.3	0.384
248173.0	842858.9	128.0	12.733	8.206	32.8	15.148	14.6	12.054	0.227	0.081	19.6	0.241	35.3	0.372	-0.098	-14.8	0.384
248172.4	842858.1	128.0	12.172	7.539	31.8	14.317	12.1	11.393	0.295	0.079	15.0	0.305	23.8	0.423	-0.057	-7.6	0.427
248171.9	842857.2	128.0	11.912	6.972	30.3	13.802	9.3	10.983	0.384	0.082	12.0	0.392	16.9	0.494	-0.040	-4.6	0.495
248171.4	842856.4	128.0	11.967	6.539	28.7	13.637	6.4	10.852	0.485	0.075	8.8	0.490	13.2	0.577	-0.045	-4.4	0.579
248170.8	842855.5	128.0	12.329	6.276	27.0	13.834	3.1	11.009	0.590	0.066	6.4	0.594	11.1	0.665	-0.070	-6.0	0.669
248170.3	842854.7	128.0	12.970	6.209	25.6	14.380	0.3	11.443	0.692	0.080	6.6	0.696	9.8	0.750	-0.113	-8.6	0.758
248169.8	842853.9	128.0	13.850	6.355	24.6	15.239	3.8	12.127	0.782	0.128	9.3	0.792	9.0	0.823	-0.170	-11.7	0.841
248169.2	842853.0	128.0	14.927	6.710	24.2	16.366	7.2	13.023	0.853	0.197	13.0	0.875	8.8	0.878	-0.238	-15.2	0.909
248168.7	842852.2	128.0	16.156	7.259	24.2	17.712	10.3	14.095	0.895	0.278	17.2	0.937	9.0	0.904	-0.313	-19.1	0.957
248168.1	842851.3	128.0	17.499	7.979	24.5	19.232	13.3	15.304	0.902	0.363	21.9	0.973	9.9	0.896	-0.391	-23.6	0.977
248167.6	842850.5	128.0	18.918	8.850	25.1	20.886	16.0	16.620	0.867	0.448	27.3	0.976	11.5	0.845	-0.467	-28.9	0.965
248167.1	842849.6	128.0	20.381	9.851	25.8	22.637	18.4	18.014	0.786	0.525	33.8	0.945	14.4	0.745	-0.535	-35.7	0.917
248166.5	842848.8	128.0	21.856	10.968	26.6	24.453	20.7	19.459	0.658	0.589	41.8	0.883	19.4	0.593	-0.588	-44.8	0.835
248166.0	842847.9	128.0	23.312	12.186	27.6	26.305	22.7	20.933	0.495	0.631	51.9	0.802	28.2	0.387	-0.617	-57.9	0.728
248165.5	842847.1	128.0	24.720	13.491	28.6	28.162	24.5	22.410	0.351	0.642	61.3	0.732	43.1	0.129	-0.615	-78.2	0.628
248164.9	842846.3	128.0	26.054	14.865	29.7	29.996	26.0	23.870	0.384	0.614	58.0	0.725	58.3	-0.176	-0.569	72.9	0.596
248164.4	842845.4	128.0	27.288	16.286	30.8	31.778	27.2	25.289	0.630	0.541	40.7	0.831	49.5	-0.518	-0.472	42.3	0.700
248163.9	842844.6	128.0	28.400	17.727	32.0	33.478	28.0	26.641	0.965	0.429	23.9	1.056	33.8	-0.886	-0.314	19.5	0.940
248163.3	842843.7	128.0	29.370	19.151	33.1	35.062	28.3	27.902	1.332	0.323	13.6	1.371	23.8	-1.267	-0.090	4.1	1.270
248162.8	842842.9	128.0	30.179	20.519	34.2	36.494	28.3	29.041	1.705	0.378	12.5	1.746	17.9	-1.646	0.199	-6.9	1.658

Centerline results between structures [redacted]/[redacted]-8A and Gantry 4

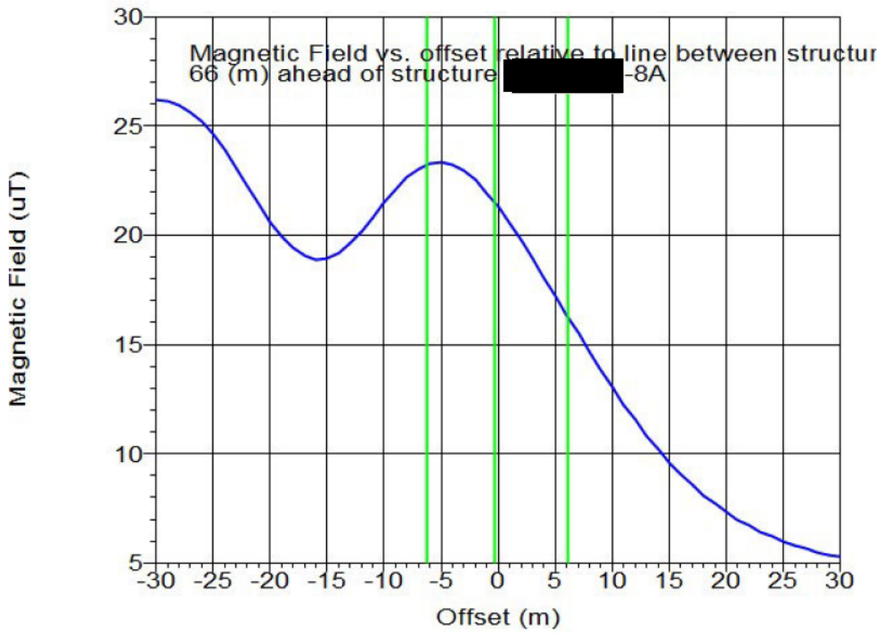
3D EMF Point Results Centerline from [redacted]/[redacted]-8A to Gantry 4:

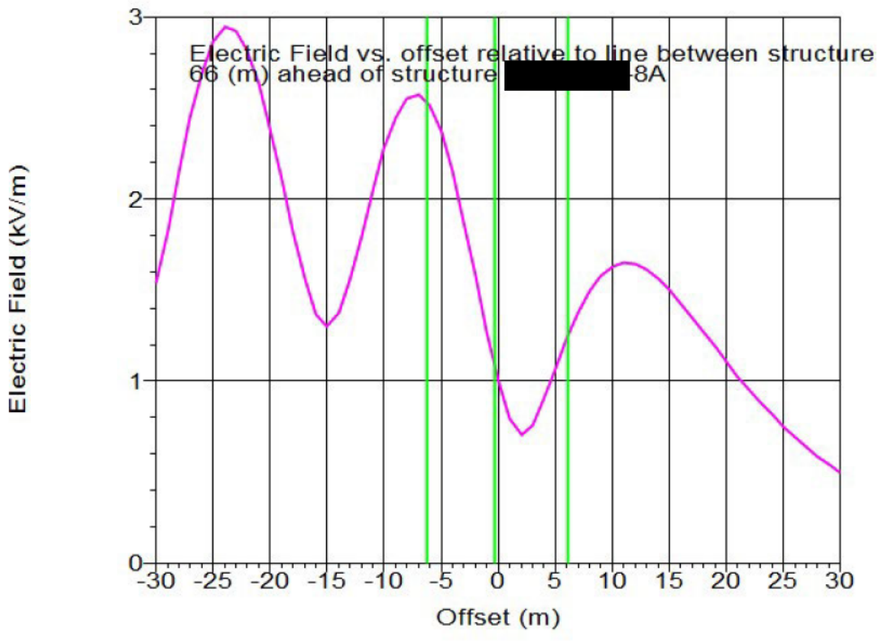
Measurement			B					H	EF					Space Potential				
X (m)	Y (m)	Z (m)	Real (uT)	Imaginary (uT)	Angle (deg)	Magnitude (uT)	Polarization Axial Ratio %	Magnitude (A/m)	Real (kV/m)	Imaginary (kV/m)	Angle (deg)	Magnitude (kV/m)	Polarization Axial Ratio %	Real (kV)	Imaginary (kV)	Angle (deg)	Magnitude (kV)	
247997.6	842727.6	128.0	5.359	3.743	34.9	6.537	17.3	5.202	0.129	0.530	76.3	0.545	8.9	-0.090	0.470	-79.1	0.479	
247998.5	842727.1	128.0	5.173	3.655	35.2	6.334	19.2	5.041	0.088	0.526	80.5	0.534	10.0	-0.040	0.469	-85.2	0.471	
247999.3	842726.5	128.0	4.964	3.546	35.5	6.101	21.6	4.855	0.060	0.523	83.4	0.526	11.1	0.015	0.467	88.2	0.467	
248000.1	842725.9	128.0	4.735	3.419	35.8	5.840	24.6	4.647	0.074	0.518	81.9	0.524	12.1	0.073	0.464	81.0	0.469	
248000.9	842725.4	128.0	4.490	3.275	36.1	5.557	28.3	4.422	0.120	0.513	76.8	0.527	12.8	0.136	0.460	73.6	0.480	
248001.7	842724.8	128.0	4.238	3.115	36.3	5.259	32.9	4.185	0.179	0.508	70.6	0.539	13.3	0.201	0.456	66.2	0.498	
248002.6	842724.2	128.0	3.988	2.942	36.4	4.955	38.6	3.943	0.244	0.502	64.1	0.558	13.5	0.271	0.451	59.0	0.526	
248003.4	842723.6	128.0	3.753	2.758	36.3	4.657	45.5	3.706	0.313	0.495	57.7	0.586	13.3	0.343	0.445	52.4	0.562	
248004.2	842723.1	128.0	3.549	2.565	35.9	4.378	53.4	3.484	0.386	0.488	51.7	0.622	12.9	0.419	0.438	46.3	0.606	
248005.0	842722.5	128.0	3.395	2.365	34.9	4.138	61.1	3.293	0.461	0.479	46.1	0.665	12.2	0.497	0.431	40.9	0.658	
248005.8	842721.9	128.0	3.312	2.163	33.1	3.956	64.2	3.148	0.540	0.469	41.0	0.715	11.5	0.578	0.422	36.1	0.715	
248006.7	842721.4	128.0	3.315	1.960	30.6	3.851	58.4	3.065	0.620	0.458	36.5	0.771	10.8	0.660	0.411	31.9	0.778	
248007.5	842720.8	128.0	3.411	1.762	27.3	3.839	46.9	3.055	0.701	0.446	32.4	0.831	10.1	0.743	0.399	28.3	0.844	
248008.3	842720.2	128.0	3.598	1.573	23.6	3.926	34.7	3.124	0.783	0.432	28.9	0.894	9.4	0.827	0.386	25.0	0.912	
248009.1	842719.6	128.0	3.862	1.399	19.9	4.108	24.2	3.269	0.865	0.416	25.7	0.960	8.8	0.910	0.371	22.2	0.983	
248010.0	842719.1	128.0	4.188	1.252	16.6	4.371	16.7	3.479	0.946	0.399	22.9	1.026	8.2	0.992	0.355	19.7	1.054	
248010.8	842718.5	128.0	4.557	1.141	14.1	4.698	13.2	3.738	1.024	0.381	20.4	1.093	7.6	1.072	0.337	17.4	1.124	
248011.6	842717.9	128.0	4.952	1.080	12.3	5.069	13.5	4.034	1.101	0.361	18.2	1.158	7.2	1.150	0.317	15.4	1.193	
248012.4	842717.4	128.0	5.360	1.077	11.4	5.467	15.5	4.351	1.174	0.340	16.1	1.222	6.8	1.224	0.296	13.6	1.259	
248013.2	842716.8	128.0	5.769	1.132	11.1	5.879	17.6	4.678	1.243	0.317	14.3	1.283	6.4	1.294	0.274	12.0	1.323	
248014.1	842716.2	128.0	6.170	1.236	11.3	6.292	19.5	5.007	1.308	0.293	12.6	1.340	6.0	1.360	0.251	10.5	1.383	
248014.9	842715.6	128.0	6.556	1.376	11.9	6.699	21.0	5.331	1.368	0.269	11.1	1.394	5.7	1.422	0.227	9.1	1.440	
248015.7	842715.1	128.0	6.924	1.541	12.5	7.093	22.1	5.645	1.424	0.244	9.7	1.444	5.4	1.478	0.202	7.8	1.492	

248016.5	842714.5	128.0	7.269	1.720	13.3	7.470	22.9	5.944	1.474	0.219	8.4	1.490	5.2	1.530	0.176	6.6	1.540
248017.3	842713.9	128.0	7.591	1.908	14.1	7.827	23.6	6.229	1.520	0.193	7.2	1.532	5.0	1.576	0.150	5.4	1.584
248018.2	842713.4	128.0	7.889	2.099	14.9	8.164	24.1	6.496	1.560	0.168	6.1	1.569	4.8	1.618	0.124	4.4	1.623
248019.0	842712.8	128.0	8.164	2.292	15.7	8.479	24.5	6.748	1.596	0.143	5.1	1.603	4.6	1.655	0.098	3.4	1.658
248019.8	842712.2	128.0	8.416	2.483	16.4	8.775	24.8	6.983	1.628	0.119	4.2	1.632	4.4	1.688	0.071	2.4	1.689
248020.6	842711.6	128.0	8.650	2.671	17.2	9.053	25.0	7.204	1.655	0.098	3.4	1.658	4.3	1.716	0.045	1.5	1.716
248021.4	842711.1	128.0	8.866	2.855	17.8	9.314	25.3	7.412	1.678	0.080	2.7	1.680	4.1	1.740	0.019	0.6	1.740
248022.3	842710.5	128.0	9.067	3.035	18.5	9.562	25.5	7.609	1.697	0.069	2.3	1.699	4.0	1.760	-0.007	-0.2	1.760
248023.1	842709.9	128.0	9.258	3.210	19.1	9.798	25.7	7.797	1.713	0.068	2.3	1.714	3.9	1.777	-0.033	-1.1	1.778
248023.9	842709.4	128.0	9.440	3.380	19.7	10.027	26.0	7.979	1.726	0.077	2.6	1.727	3.8	1.791	-0.058	-1.9	1.792
248024.7	842708.8	128.0	9.617	3.546	20.2	10.250	26.2	8.156	1.735	0.092	3.0	1.738	3.7	1.802	-0.083	-2.6	1.803
248025.5	842708.2	128.0	9.792	3.708	20.7	10.470	26.4	8.332	1.742	0.112	3.7	1.745	3.6	1.809	-0.108	-3.4	1.812
248026.4	842707.6	128.0	9.967	3.867	21.2	10.691	26.6	8.507	1.745	0.133	4.4	1.750	3.6	1.814	-0.132	-4.2	1.819
248027.2	842707.1	128.0	10.145	4.023	21.6	10.914	26.9	8.685	1.746	0.155	5.1	1.753	3.5	1.816	-0.156	-4.9	1.823
248028.0	842706.5	128.0	10.330	4.178	22.0	11.143	27.1	8.867	1.745	0.178	5.8	1.754	3.5	1.816	-0.180	-5.7	1.825
248028.8	842705.9	128.0	10.522	4.332	22.4	11.379	27.3	9.055	1.740	0.201	6.6	1.752	3.4	1.813	-0.203	-6.4	1.824
248029.6	842705.4	128.0	10.723	4.487	22.7	11.625	27.5	9.250	1.733	0.224	7.4	1.748	3.4	1.807	-0.226	-7.1	1.821
248030.5	842704.8	128.0	10.937	4.644	23.0	11.882	27.7	9.455	1.724	0.247	8.2	1.741	3.4	1.799	-0.249	-7.9	1.816
248031.3	842704.2	128.0	11.162	4.803	23.3	12.152	27.9	9.670	1.711	0.270	9.0	1.733	3.4	1.788	-0.272	-8.6	1.809
248032.1	842703.6	128.0	11.402	4.967	23.5	12.437	28.1	9.897	1.696	0.293	9.8	1.722	3.5	1.775	-0.295	-9.4	1.799
248032.9	842703.1	128.0	11.656	5.135	23.8	12.737	28.3	10.136	1.679	0.317	10.7	1.708	3.5	1.759	-0.317	-10.2	1.787
248033.7	842702.5	128.0	11.926	5.310	24.0	13.054	28.5	10.388	1.658	0.340	11.6	1.693	3.6	1.740	-0.340	-11.1	1.773
248034.6	842701.9	128.0	12.211	5.492	24.2	13.389	28.7	10.655	1.635	0.363	12.5	1.675	3.7	1.718	-0.363	-11.9	1.756
248035.4	842701.4	128.0	12.511	5.682	24.4	13.741	28.9	10.935	1.608	0.387	13.5	1.654	3.9	1.694	-0.385	-12.8	1.737
248036.2	842700.8	128.0	12.827	5.881	24.6	14.111	29.1	11.229	1.579	0.411	14.6	1.631	4.1	1.666	-0.408	-13.8	1.715
248037.0	842700.2	128.0	13.158	6.090	24.8	14.499	29.3	11.538	1.546	0.435	15.7	1.606	4.3	1.635	-0.432	-14.8	1.691
248037.9	842699.6	128.0	13.502	6.309	25.0	14.904	29.5	11.860	1.511	0.459	16.9	1.579	4.6	1.601	-0.455	-15.9	1.665
248038.7	842699.1	128.0	13.860	6.539	25.3	15.325	29.7	12.195	1.472	0.484	18.2	1.549	4.9	1.564	-0.479	-17.0	1.636
248039.5	842698.5	128.0	14.229	6.779	25.5	15.761	30.0	12.542	1.430	0.509	19.6	1.517	5.4	1.524	-0.503	-18.3	1.605
248040.3	842697.9	128.0	14.607	7.030	25.7	16.211	30.2	12.900	1.385	0.534	21.1	1.484	5.9	1.480	-0.527	-19.6	1.571
248041.1	842697.4	128.0	14.993	7.291	25.9	16.672	30.5	13.267	1.336	0.559	22.7	1.449	6.5	1.434	-0.551	-21.0	1.536
248042.0	842696.8	128.0	15.384	7.562	26.2	17.142	30.9	13.641	1.285	0.585	24.5	1.412	7.2	1.384	-0.576	-22.6	1.499
248042.8	842696.2	128.0	15.776	7.841	26.4	17.617	31.2	14.019	1.231	0.611	26.4	1.374	8.0	1.330	-0.601	-24.3	1.460
248043.6	842695.6	128.0	16.166	8.127	26.7	18.094	31.6	14.399	1.174	0.637	28.5	1.336	9.0	1.274	-0.626	-26.2	1.420
248044.4	842695.1	128.0	16.549	8.417	27.0	18.567	32.0	14.775	1.115	0.663	30.7	1.297	10.1	1.215	-0.651	-28.2	1.378
248045.2	842694.5	128.0	16.921	8.708	27.2	19.030	32.4	15.144	1.054	0.689	33.2	1.259	11.5	1.152	-0.676	-30.4	1.336
248046.1	842693.9	128.0	17.274	8.997	27.5	19.477	32.9	15.499	0.990	0.715	35.8	1.221	13.0	1.088	-0.701	-32.8	1.294
248046.9	842693.4	128.0	17.603	9.279	27.8	19.899	33.3	15.835	0.925	0.740	38.6	1.185	14.8	1.020	-0.724	-35.4	1.251
248047.7	842692.8	128.0	17.900	9.549	28.1	20.288	33.8	16.144	0.860	0.763	41.6	1.150	16.7	0.951	-0.746	-38.1	1.209
248048.5	842692.2	128.0	18.156	9.798	28.4	20.631	34.3	16.418	0.794	0.785	44.7	1.117	18.9	0.880	-0.767	-41.1	1.167
248049.3	842691.6	128.0	18.361	10.019	28.6	20.917	34.7	16.645	0.728	0.805	47.9	1.085	21.2	0.807	-0.785	-44.2	1.126
248050.2	842691.1	128.0	18.505	10.203	28.9	21.132	35.1	16.816	0.664	0.821	51.0	1.056	23.6	0.734	-0.800	-47.4	1.085
248051.0	842690.5	128.0	18.578	10.338	29.1	21.261	35.5	16.919	0.602	0.832	54.1	1.027	26.1	0.661	-0.810	-50.8	1.045
248051.8	842689.9	128.0	18.568	10.414	29.3	21.289	35.7	16.941	0.543	0.838	57.1	0.999	28.5	0.588	-0.814	-54.2	1.004
248052.6	842689.4	128.0	18.465	10.418	29.4	21.202	35.8	16.872	0.488	0.838	59.8	0.969	30.9	0.517	-0.812	-57.5	0.962
248053.4	842688.8	128.0	18.261	10.340	29.5	20.985	35.8	16.699	0.438	0.828	62.1	0.937	33.2	0.447	-0.801	-60.8	0.918
248054.3	842688.2	128.0	17.947	10.172	29.5	20.629	35.6	16.416	0.394	0.809	64.1	0.900	35.4	0.381	-0.782	-64.0	0.870
248055.1	842687.6	128.0	17.521	9.909	29.5	20.129	35.2	16.018	0.356	0.780	65.5	0.858	37.4	0.318	-0.752	-67.1	0.817
248055.9	842687.1	128.0	16.984	9.552	29.4	19.486	34.5	15.507	0.324	0.740	66.4	0.808	39.4	0.260	-0.712	-69.9	0.758
248056.7	842686.5	128.0	16.342	9.109	29.1	18.710	33.5	14.889	0.298	0.690	66.6	0.751	41.4	0.207	-0.663	-72.6	0.694
248057.5	842685.9	128.0	15.607	8.595	28.8	17.817	32.3	14.179	0.277	0.630	66.3	0.688	43.6	0.159	-0.604	-75.2	0.625
248058.4	842685.4	128.0	14.796	8.028	28.5	16.833	30.8	13.396	0.259	0.562	65.3	0.619	46.1	0.117	-0.539	-77.7	0.552
248059.2	842684.8	128.0	13.928	7.433	28.1	15.787	29.1	12.563	0.245	0.490	63.4	0.548	48.9	0.081	-0.470	-80.3	0.477
248060.0	842684.2	128.0	13.027	6.834	27.7	14.710	27.3	11.706	0.233	0.416	60.7	0.477	52.3	0.049	-0.399	-83.0	0.402
248060.8	842683.6	128.0	12.115	6.250	27.3	13.632	25.4	10.848	0.224	0.343	56.9	0.409	55.9	0.023	-0.329	-86.1	0.330
248061.7	842683.1	128.0	11.214	5.699	26.9	12.579	23.4	10.010	0.216	0.274	51.8	0.349	58.8	0.001	-0.263	-89.9	0.263
248062.5	842682.5	128.0	10.343	5.191	26.7	11.572	21.6	9.209	0.209	0.211	45.3	0.297	59.2	-0.017	-0.203	85.1	0.204

Max BF along centerline is 21.289 (uT) at 66.000 (m) from structure [redacted]-8A

Cross section results at max BF along centerline between structures [redacted]-8A and Gantry 4





3D EMF Point Results Span from [redacted]-8A to Gantry 4:

Measurement			B					H	EF					Space Potential			
X (m)	Y (m)	Z (m)	Real (uT)	Imaginary (uT)	Angle (deg)	Magnitude (uT)	Polarization Axial Ratio %	Magnitude (A/m)	Real (kV/m)	Imaginary (kV/m)	Angle (deg)	Magnitude (kV/m)	Polarization Axial Ratio %	Real (kV)	Imaginary (kV)	Angle (deg)	Magnitude (kV)
248068.9	842714.5	128.0	19.712	17.295	41.3	26.224	40.0	20.869	1.485	0.396	14.9	1.537	26.5	-1.409	0.039	-1.6	1.409
248068.4	842713.7	128.0	19.467	17.470	41.9	26.157	38.8	20.815	1.743	0.567	18.0	1.833	19.3	-1.665	0.446	-15.0	1.724
248067.8	842712.9	128.0	19.176	17.517	42.4	25.972	37.4	20.668	1.945	0.915	25.2	2.150	14.3	-1.863	0.860	-24.8	2.052
248067.2	842712.1	128.0	18.832	17.426	42.8	25.658	36.1	20.418	2.083	1.286	31.7	2.448	11.0	-1.997	1.251	-32.1	2.357
248066.7	842711.3	128.0	18.433	17.192	43.0	25.206	34.9	20.058	2.152	1.622	37.0	2.695	8.7	-2.061	1.595	-37.7	2.606
248066.1	842710.4	128.0	17.983	16.814	43.1	24.619	33.9	19.591	2.148	1.895	41.4	2.865	7.2	-2.053	1.871	-42.3	2.778
248065.5	842709.6	128.0	17.495	16.302	43.0	23.913	33.4	19.029	2.075	2.087	45.2	2.943	6.3	-1.976	2.064	-46.2	2.857
248064.9	842708.8	128.0	16.992	15.673	42.7	23.117	33.2	18.396	1.936	2.193	48.6	2.926	5.9	-1.833	2.171	-49.8	2.841
248064.4	842708.0	128.0	16.503	14.957	42.2	22.272	33.4	17.724	1.739	2.216	51.9	2.817	6.1	-1.632	2.194	-53.4	2.734

248063.8	842707.2	128.0	16.064	14.183	41.4	21.430	34.0	17.053	1.494	2.166	55.4	2.631	6.8	-1.381	2.144	-57.2	2.550
248063.2	842706.3	128.0	15.712	13.387	40.4	20.641	34.9	16.426	1.213	2.056	59.5	2.387	8.4	-1.089	2.035	-61.9	2.308
248062.7	842705.5	128.0	15.478	12.599	39.1	19.957	35.9	15.882	0.909	1.901	64.4	2.107	11.1	-0.766	1.882	-67.8	2.032
248062.1	842704.7	128.0	15.388	11.848	37.6	19.421	36.8	15.455	0.607	1.715	70.5	1.819	15.6	-0.420	1.697	-76.1	1.748
248061.5	842703.9	128.0	15.461	11.156	35.8	19.065	37.4	15.172	0.386	1.510	75.7	1.559	22.4	-0.057	1.494	-87.8	1.495
248060.9	842703.1	128.0	15.700	10.539	33.9	18.909	37.5	15.047	0.447	1.296	71.0	1.371	30.6	0.315	1.281	76.2	1.319
248060.4	842702.2	128.0	16.100	10.012	31.9	18.959	37.0	15.087	0.730	1.080	55.9	1.304	34.6	0.690	1.064	57.1	1.268
248059.8	842701.4	128.0	16.643	9.581	29.9	19.204	36.0	15.282	1.069	0.866	39.0	1.376	29.6	1.060	0.849	38.7	1.359
248059.2	842700.6	128.0	17.301	9.252	28.1	19.619	34.6	15.612	1.411	0.659	25.0	1.557	21.3	1.418	0.638	24.2	1.555
248058.7	842699.8	128.0	18.035	9.026	26.6	20.168	33.2	16.049	1.736	0.462	14.9	1.796	14.8	1.751	0.433	13.9	1.804
248058.1	842699.0	128.0	18.800	8.901	25.3	20.801	31.8	16.553	2.027	0.287	8.1	2.047	10.6	2.047	0.233	6.5	2.061
248057.5	842698.1	128.0	19.542	8.872	24.4	21.462	30.8	17.079	2.266	0.183	4.6	2.273	8.1	2.291	0.041	1.0	2.292
248056.9	842697.3	128.0	20.209	8.928	23.8	22.093	30.1	17.581	2.437	0.241	5.7	2.449	6.7	2.467	-0.143	-3.3	2.471
248056.4	842696.5	128.0	20.749	9.058	23.6	22.639	29.7	18.016	2.526	0.382	8.6	2.554	6.0	2.562	-0.318	-7.1	2.581
248055.8	842695.7	128.0	21.118	9.244	23.6	23.053	29.8	18.345	2.521	0.532	11.9	2.577	5.9	2.565	-0.479	-10.6	2.609
248055.2	842694.9	128.0	21.289	9.468	24.0	23.299	30.3	18.541	2.421	0.671	15.5	2.512	6.3	2.473	-0.624	-14.2	2.550
248054.7	842694.0	128.0	21.250	9.708	24.6	23.363	31.1	18.591	2.228	0.790	19.5	2.364	7.2	2.290	-0.746	-18.0	2.408
248054.1	842693.2	128.0	21.008	9.943	25.3	23.242	32.0	18.496	1.957	0.881	24.2	2.146	8.6	2.028	-0.839	-22.5	2.195
248053.5	842692.4	128.0	20.585	10.150	26.2	22.951	33.1	18.264	1.625	0.936	29.9	1.875	10.7	1.705	-0.897	-27.7	1.927
248052.9	842691.6	128.0	20.013	10.307	27.2	22.511	34.2	17.914	1.258	0.949	37.0	1.576	13.9	1.343	-0.914	-34.2	1.625
248052.4	842690.7	128.0	19.329	10.399	28.3	21.949	35.1	17.466	0.884	0.917	46.0	1.273	19.2	0.964	-0.887	-42.6	1.310
248051.8	842689.9	128.0	18.568	10.414	29.3	21.289	35.7	16.941	0.543	0.838	57.1	0.999	28.5	0.588	-0.814	-54.2	1.004
248051.2	842689.1	128.0	17.763	10.345	30.2	20.556	36.0	16.358	0.337	0.719	64.8	0.794	44.2	0.233	-0.700	-71.6	0.738
248050.7	842688.3	128.0	16.937	10.194	31.0	19.768	35.8	15.731	0.428	0.565	52.9	0.709	55.1	-0.089	-0.550	80.8	0.557
248050.1	842687.5	128.0	16.109	9.967	31.7	18.943	35.1	15.074	0.651	0.395	31.2	0.761	40.4	-0.370	-0.373	45.3	0.525
248049.5	842686.6	128.0	15.292	9.672	32.3	18.094	34.1	14.399	0.868	0.241	15.5	0.900	25.7	-0.605	-0.181	16.7	0.632
248048.9	842685.8	128.0	14.492	9.324	32.8	17.232	32.7	13.713	1.049	0.210	11.3	1.070	17.2	-0.794	0.014	-1.0	0.795
248048.4	842685.0	128.0	13.714	8.934	33.1	16.367	31.0	13.025	1.190	0.333	15.6	1.236	12.2	-0.939	0.202	-12.1	0.961
248047.8	842684.2	128.0	12.960	8.517	33.3	15.508	29.1	12.341	1.291	0.491	20.8	1.381	9.2	-1.043	0.374	-19.7	1.108
248047.2	842683.4	128.0	12.231	8.083	33.5	14.661	27.1	11.667	1.354	0.636	25.2	1.496	7.1	-1.110	0.523	-25.2	1.227
248046.7	842682.5	128.0	11.531	7.643	33.5	13.834	25.0	11.009	1.386	0.757	28.6	1.579	5.6	-1.146	0.644	-29.3	1.314
248046.1	842681.7	128.0	10.859	7.207	33.6	13.033	22.9	10.371	1.390	0.849	31.4	1.629	4.5	-1.154	0.736	-32.5	1.369
248045.5	842680.9	128.0	10.220	6.781	33.6	12.265	20.8	9.760	1.373	0.913	33.6	1.649	3.6	-1.140	0.801	-35.1	1.394
248044.9	842680.1	128.0	9.614	6.374	33.5	11.535	18.8	9.179	1.337	0.950	35.4	1.641	3.0	-1.110	0.840	-37.1	1.392
248044.4	842679.3	128.0	9.044	5.988	33.5	10.847	16.8	8.631	1.289	0.964	36.8	1.610	2.4	-1.066	0.857	-38.8	1.368
248043.8	842678.4	128.0	8.511	5.628	33.5	10.204	14.8	8.120	1.232	0.959	37.9	1.561	2.0	-1.014	0.855	-40.1	1.326
248043.2	842677.6	128.0	8.016	5.297	33.5	9.608	13.0	7.646	1.169	0.938	38.7	1.499	1.7	-0.955	0.838	-41.2	1.271
248042.7	842676.8	128.0	7.559	4.995	33.5	9.060	11.3	7.210	1.103	0.905	39.4	1.427	1.4	-0.894	0.810	-42.2	1.206
248042.1	842676.0	128.0	7.139	4.723	33.5	8.560	9.7	6.812	1.036	0.865	39.8	1.349	1.2	-0.830	0.773	-43.0	1.135
248041.5	842675.2	128.0	6.755	4.479	33.5	8.105	8.3	6.450	0.969	0.818	40.2	1.269	1.0	-0.767	0.732	-43.6	1.060
248040.9	842674.3	128.0	6.406	4.263	33.6	7.695	7.2	6.123	0.905	0.769	40.4	1.187	0.8	-0.705	0.687	-44.2	0.985
248040.4	842673.5	128.0	6.089	4.073	33.8	7.326	6.4	5.830	0.843	0.718	40.4	1.107	0.7	-0.646	0.640	-44.8	0.909
248039.8	842672.7	128.0	5.802	3.906	34.0	6.995	6.0	5.566	0.784	0.667	40.4	1.029	0.6	-0.589	0.594	-45.2	0.836
248039.2	842671.9	128.0	5.544	3.762	34.2	6.700	6.0	5.331	0.728	0.617	40.3	0.954	0.5	-0.534	0.548	-45.7	0.765
248038.7	842671.1	128.0	5.311	3.636	34.4	6.437	6.5	5.122	0.676	0.568	40.0	0.883	0.5	-0.483	0.503	-46.1	0.697
248038.1	842670.2	128.0	5.103	3.528	34.7	6.203	7.2	4.936	0.627	0.521	39.7	0.816	0.4	-0.435	0.460	-46.6	0.633
248037.5	842669.4	128.0	4.915	3.434	34.9	5.996	8.1	4.772	0.582	0.477	39.3	0.752	0.4	-0.390	0.418	-47.0	0.572
248036.9	842668.6	128.0	4.748	3.355	35.2	5.813	9.0	4.626	0.540	0.435	38.8	0.693	0.4	-0.348	0.379	-47.5	0.515
248036.4	842667.8	128.0	4.598	3.287	35.6	5.652	10.0	4.498	0.501	0.395	38.3	0.638	0.4	-0.308	0.343	-48.0	0.461
248035.8	842666.9	128.0	4.465	3.229	35.9	5.510	11.0	4.385	0.465	0.358	37.6	0.587	0.4	-0.271	0.308	-48.6	0.411
248035.2	842666.1	128.0	4.346	3.180	36.2	5.386	12.0	4.286	0.432	0.323	36.8	0.539	0.4	-0.237	0.275	-49.3	0.363
248034.7	842665.3	128.0	4.241	3.140	36.5	5.277	13.0	4.199	0.401	0.290	35.9	0.495	0.5	-0.205	0.245	-50.1	0.319

Centerline results between structures [redacted]/[redacted]-8R and Gantry 2

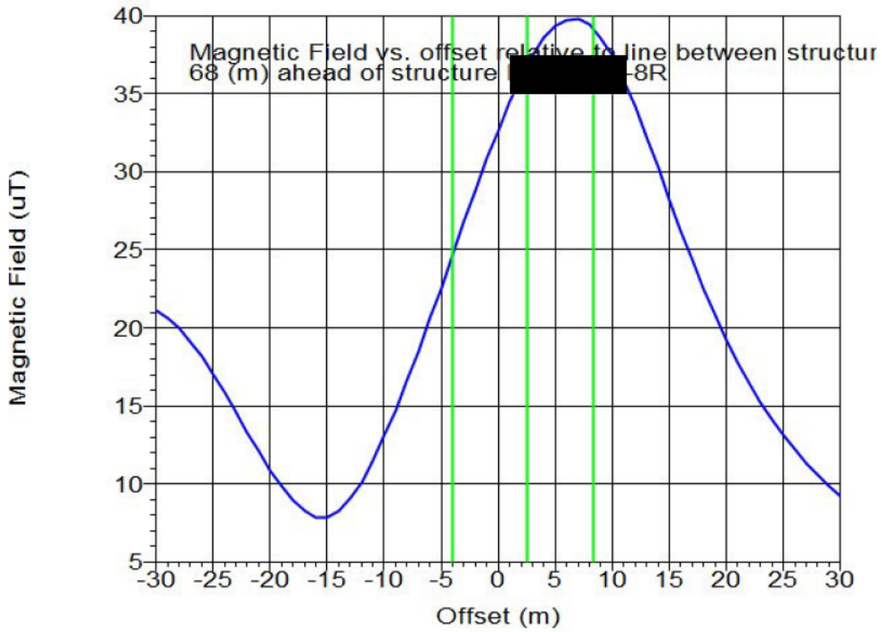
3D EMF Point Results Centerline from [redacted]/[redacted]-8R to Gantry 2:

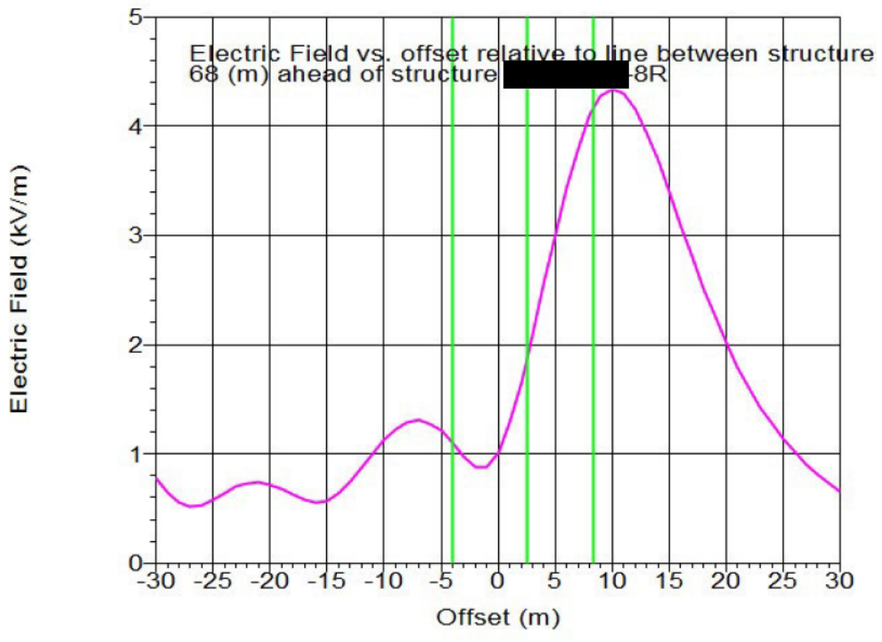
Measurement			B					H	EF					Space Potential				
X (m)	Y (m)	Z (m)	Real (uT)	Imaginary (uT)	Angle (deg)	Magnitude (uT)	Polarization Axial Ratio %	Magnitude (A/m)	Real (kV/m)	Imaginary (kV/m)	Angle (deg)	Magnitude (kV/m)	Polarization Axial Ratio %	Real (kV)	Imaginary (kV)	Angle (deg)	Magnitude (kV)	
248129.1	842899.9	128.0	8.342	5.762	34.6	10.138	8.6	8.068	0.110	0.386	74.1	0.402	18.2	0.064	0.349	79.7	0.354	
248129.6	842899.0	128.0	8.397	5.906	35.1	10.266	8.5	8.169	0.144	0.373	68.9	0.400	20.2	0.099	0.336	73.5	0.350	
248130.2	842898.2	128.0	8.455	6.060	35.6	10.402	8.3	8.278	0.178	0.362	63.9	0.404	21.9	0.133	0.326	67.8	0.352	
248130.7	842897.3	128.0	8.518	6.223	36.2	10.549	8.2	8.395	0.210	0.355	59.4	0.413	23.4	0.166	0.319	62.6	0.360	
248131.2	842896.5	128.0	8.592	6.397	36.7	10.712	8.1	8.524	0.240	0.350	55.6	0.425	24.8	0.196	0.315	58.0	0.371	
248131.8	842895.6	128.0	8.682	6.580	37.2	10.894	8.0	8.669	0.269	0.348	52.3	0.440	26.0	0.226	0.313	54.2	0.385	
248132.3	842894.8	128.0	8.794	6.773	37.6	11.100	8.0	8.833	0.295	0.348	49.7	0.456	27.2	0.253	0.312	51.0	0.402	
248132.9	842894.0	128.0	8.936	6.975	38.0	11.336	8.0	9.021	0.320	0.349	47.5	0.474	28.3	0.280	0.314	48.3	0.420	
248133.4	842893.1	128.0	9.115	7.186	38.2	11.607	8.1	9.237	0.344	0.352	45.7	0.492	29.3	0.305	0.316	46.0	0.439	
248133.9	842892.3	128.0	9.341	7.405	38.4	11.920	8.3	9.486	0.366	0.356	44.2	0.511	30.3	0.330	0.319	44.1	0.459	
248134.5	842891.4	128.0	9.620	7.634	38.4	12.281	8.5	9.773	0.388	0.360	42.9	0.529	31.2	0.353	0.323	42.4	0.479	
248135.0	842890.6	128.0	9.961	7.871	38.3	12.695	8.8	10.102	0.409	0.365	41.8	0.548	32.1	0.377	0.326	40.9	0.498	
248135.6	842889.8	128.0	10.367	8.116	38.1	13.166	9.1	10.477	0.429	0.369	40.7	0.566	32.9	0.399	0.329	39.5	0.518	
248136.1	842888.9	128.0	10.843	8.369	37.7	13.698	9.4	10.900	0.448	0.373	39.8	0.583	33.6	0.421	0.332	38.2	0.536	
248136.6	842888.1	128.0	11.389	8.632	37.2	14.291	9.6	11.372	0.467	0.376	38.9	0.600	34.4	0.442	0.334	37.1	0.554	
248137.2	842887.2	128.0	12.002	8.903	36.6	14.944	9.6	11.892	0.484	0.378	38.0	0.614	35.1	0.461	0.334	36.0	0.569	
248137.7	842886.4	128.0	12.677	9.184	35.9	15.654	9.5	12.457	0.499	0.379	37.2	0.627	35.9	0.478	0.334	34.9	0.583	
248138.3	842885.5	128.0	13.405	9.475	35.3	16.416	9.2	13.063	0.511	0.379	36.6	0.636	36.7	0.492	0.332	34.0	0.593	
248138.8	842884.7	128.0	14.176	9.775	34.6	17.220	8.7	13.703	0.520	0.378	36.0	0.643	37.7	0.502	0.329	33.2	0.600	
248139.3	842883.9	128.0	14.979	10.085	34.0	18.058	8.1	14.370	0.524	0.375	35.6	0.645	38.9	0.507	0.324	32.6	0.602	
248139.9	842883.0	128.0	15.801	10.404	33.4	18.918	7.4	15.055	0.524	0.371	35.3	0.642	40.4	0.507	0.319	32.1	0.599	
248140.4	842882.2	128.0	16.629	10.730	32.8	19.790	6.7	15.749	0.519	0.367	35.3	0.635	42.3	0.502	0.312	31.9	0.591	
248140.9	842881.3	128.0	17.451	11.064	32.4	20.663	5.9	16.443	0.507	0.361	35.4	0.623	44.8	0.489	0.304	31.9	0.576	

248141.5	842880.5	128.0	18.256	11.403	32.0	21.525	5.2	17.129	0.491	0.355	35.9	0.605	47.9	0.470	0.296	32.2	0.555
248142.0	842879.6	128.0	19.035	11.745	31.7	22.367	4.6	17.799	0.468	0.348	36.6	0.583	51.9	0.444	0.287	32.8	0.529
248142.6	842878.8	128.0	19.780	12.089	31.4	23.182	4.1	18.448	0.441	0.341	37.8	0.557	57.0	0.412	0.277	33.9	0.497
248143.1	842878.0	128.0	20.484	12.432	31.3	23.961	4.0	19.068	0.410	0.334	39.2	0.529	63.9	0.373	0.268	35.7	0.459
248143.6	842877.1	128.0	21.143	12.771	31.1	24.701	4.2	19.656	0.376	0.328	41.0	0.499	72.9	0.329	0.258	38.1	0.418
248144.2	842876.3	128.0	21.753	13.105	31.1	25.396	4.6	20.209	0.343	0.321	43.1	0.469	85.2	0.280	0.249	41.7	0.374
248144.7	842875.4	128.0	22.314	13.430	31.0	26.044	5.2	20.725	0.312	0.315	45.3	0.443	97.9	0.226	0.240	46.7	0.330
248145.3	842874.6	128.0	22.823	13.745	31.1	26.643	5.9	21.202	0.287	0.309	47.1	0.422	79.2	0.169	0.232	53.9	0.287
248145.8	842873.7	128.0	23.283	14.048	31.1	27.193	6.7	21.639	0.272	0.304	48.2	0.408	61.9	0.110	0.225	63.8	0.250
248146.3	842872.9	128.0	23.694	14.337	31.2	27.694	7.5	22.038	0.271	0.299	47.9	0.404	46.4	0.050	0.218	77.1	0.223
248146.9	842872.1	128.0	24.058	14.609	31.3	28.146	8.2	22.398	0.283	0.295	46.2	0.409	33.2	-0.011	0.212	-87.0	0.212
248147.4	842871.2	128.0	24.377	14.864	31.4	28.551	9.0	22.721	0.307	0.292	43.5	0.424	22.5	-0.072	0.206	-70.7	0.219
248147.9	842870.4	128.0	24.655	15.100	31.5	28.912	9.7	23.007	0.341	0.289	40.3	0.446	14.5	-0.132	0.202	-56.8	0.241
248148.5	842869.5	128.0	24.894	15.317	31.6	29.229	10.4	23.260	0.379	0.286	37.0	0.475	9.6	-0.190	0.198	-46.1	0.274
248149.0	842868.7	128.0	25.098	15.514	31.7	29.506	11.0	23.480	0.421	0.283	33.9	0.507	8.0	-0.246	0.194	-38.2	0.313
248149.6	842867.8	128.0	25.269	15.691	31.8	29.744	11.6	23.670	0.463	0.280	31.2	0.541	8.7	-0.300	0.190	-32.5	0.355
248150.1	842867.0	128.0	25.412	15.846	31.9	29.948	12.2	23.832	0.504	0.277	28.8	0.575	10.0	-0.350	0.187	-28.2	0.397
248150.6	842866.2	128.0	25.529	15.982	32.0	30.119	12.7	23.968	0.543	0.274	26.8	0.608	11.1	-0.397	0.184	-24.9	0.437
248151.2	842865.3	128.0	25.625	16.098	32.1	30.262	13.2	24.081	0.580	0.270	25.0	0.640	12.0	-0.440	0.180	-22.3	0.475
248151.7	842864.5	128.0	25.702	16.194	32.2	30.378	13.7	24.174	0.614	0.266	23.4	0.669	12.7	-0.479	0.176	-20.1	0.510
248152.3	842863.6	128.0	25.764	16.272	32.3	30.472	14.2	24.249	0.644	0.261	22.0	0.695	13.2	-0.514	0.170	-18.3	0.542
248152.8	842862.8	128.0	25.814	16.333	32.3	30.547	14.6	24.309	0.671	0.255	20.8	0.718	13.6	-0.545	0.164	-16.8	0.570
248153.3	842862.0	128.0	25.855	16.379	32.4	30.607	15.0	24.356	0.695	0.248	19.6	0.738	13.9	-0.573	0.157	-15.3	0.594
248153.9	842861.1	128.0	25.891	16.410	32.4	30.654	15.5	24.394	0.715	0.240	18.5	0.754	14.3	-0.596	0.148	-13.9	0.614
248154.4	842860.3	128.0	25.925	16.430	32.4	30.692	15.9	24.424	0.731	0.231	17.5	0.766	14.6	-0.616	0.137	-12.6	0.631
248155.0	842859.4	128.0	25.958	16.439	32.3	30.726	16.3	24.451	0.744	0.221	16.5	0.776	15.1	-0.632	0.125	-11.1	0.644
248155.5	842858.6	128.0	25.995	16.440	32.3	30.758	16.8	24.476	0.753	0.210	15.6	0.782	15.6	-0.645	0.110	-9.7	0.654
248156.0	842857.7	128.0	26.038	16.436	32.3	30.791	17.2	24.503	0.760	0.199	14.7	0.785	16.3	-0.654	0.093	-8.1	0.661
248156.6	842856.9	128.0	26.088	16.428	32.2	30.830	17.7	24.533	0.764	0.188	13.8	0.787	17.1	-0.661	0.074	-6.4	0.665
248157.1	842856.1	128.0	26.148	16.419	32.1	30.876	18.2	24.570	0.766	0.179	13.2	0.786	18.2	-0.665	0.052	-4.5	0.667
248157.6	842855.2	128.0	26.219	16.412	32.0	30.932	18.7	24.615	0.765	0.173	12.7	0.785	19.4	-0.667	0.028	-2.4	0.668
248158.2	842854.4	128.0	26.303	16.408	32.0	31.001	19.3	24.670	0.764	0.171	12.6	0.783	20.9	-0.667	0.002	-0.1	0.667
248158.7	842853.5	128.0	26.400	16.410	31.9	31.084	19.9	24.736	0.761	0.175	12.9	0.781	22.5	-0.666	-0.027	2.4	0.666
248159.3	842852.7	128.0	26.510	16.420	31.8	31.183	20.5	24.815	0.757	0.185	13.8	0.780	24.5	-0.663	-0.059	5.1	0.666
248159.8	842851.8	128.0	26.634	16.438	31.7	31.298	21.2	24.906	0.753	0.203	15.1	0.780	26.6	-0.660	-0.092	8.0	0.667
248160.3	842851.0	128.0	26.769	16.467	31.6	31.429	21.9	25.010	0.750	0.228	16.9	0.784	29.0	-0.657	-0.128	11.0	0.670
248160.9	842850.2	128.0	26.915	16.507	31.5	31.573	22.6	25.125	0.747	0.258	19.0	0.790	31.4	-0.654	-0.166	14.2	0.675
248161.4	842849.3	128.0	27.068	16.558	31.5	31.731	23.4	25.250	0.745	0.292	21.4	0.800	33.9	-0.652	-0.205	17.4	0.684
248162.0	842848.5	128.0	27.225	16.618	31.4	31.896	24.2	25.382	0.745	0.329	23.8	0.815	36.2	-0.652	-0.245	20.6	0.697
248162.5	842847.6	128.0	27.382	16.687	31.4	32.066	25.0	25.517	0.747	0.369	26.3	0.834	38.3	-0.654	-0.286	23.7	0.714
248163.0	842846.8	128.0	27.532	16.762	31.3	32.233	25.8	25.650	0.752	0.410	28.6	0.857	40.0	-0.658	-0.328	26.5	0.735
248163.6	842845.9	128.0	27.669	16.839	31.3	32.390	26.7	25.775	0.759	0.452	30.8	0.884	41.2	-0.665	-0.368	29.0	0.760
248164.1	842845.1	128.0	27.785	16.913	31.3	32.528	27.5	25.885	0.770	0.493	32.6	0.914	42.0	-0.676	-0.408	31.1	0.790
248164.7	842844.3	128.0	27.871	16.979	31.3	32.635	28.4	25.970	0.784	0.532	34.2	0.948	42.2	-0.691	-0.445	32.8	0.822
248165.2	842843.4	128.0	27.916	17.029	31.4	32.700	29.2	26.022	0.802	0.568	35.3	0.983	42.0	-0.710	-0.478	33.9	0.856
248165.7	842842.6	128.0	27.910	17.057	31.4	32.709	30.0	26.029	0.823	0.600	36.1	1.018	41.4	-0.734	-0.507	34.6	0.892
248166.3	842841.7	128.0	27.838	17.051	31.5	32.645	30.7	25.978	0.847	0.626	36.5	1.053	40.5	-0.762	-0.530	34.8	0.928
248166.8	842840.9	128.0	27.689	17.004	31.6	32.493	31.4	25.857	0.875	0.644	36.4	1.086	39.3	-0.793	-0.545	34.5	0.963
248167.3	842840.0	128.0	27.448	16.906	31.6	32.236	32.0	25.653	0.904	0.654	35.9	1.115	38.0	-0.827	-0.552	33.7	0.994
248167.9	842839.2	128.0	27.101	16.746	31.7	31.858	32.4	25.351	0.934	0.652	34.9	1.139	36.5	-0.861	-0.547	32.4	1.021
248168.4	842838.4	128.0	26.635	16.518	31.8	31.342	32.6	24.941	0.962	0.639	33.6	1.155	35.0	-0.895	-0.531	30.7	1.041
248169.0	842837.5	128.0	26.040	16.216	31.9	30.677	32.6	24.412	0.987	0.613	31.8	1.162	33.4	-0.925	-0.502	28.5	1.052
248169.5	842836.7	128.0	25.307	15.838	32.0	29.854	32.3	23.757	1.006	0.573	29.7	1.158	31.8	-0.948	-0.460	25.9	1.054
248170.0	842835.8	128.0	24.433	15.386	32.2	28.874	31.7	22.977	1.016	0.521	27.1	1.142	30.1	-0.962	-0.407	22.9	1.045
248170.6	842835.0	128.0	23.422	14.865	32.4	27.741	30.8	22.075	1.015	0.459	24.3	1.114	28.5	-0.965	-0.342	19.5	1.024
248171.1	842834.2	128.0	22.286	14.283	32.7	26.470	29.6	21.064	1.002	0.389	21.2	1.075	26.8	-0.955	-0.271	15.8	0.993
248171.7	842833.3	128.0	21.044	13.652	33.0	25.084	28.1	19.962	0.975	0.318	18.1	1.026	25.0	-0.932	-0.196	11.9	0.952
248172.2	842832.5	128.0	19.629	12.949	33.4	23.515	26.6	18.713	0.929	0.252	15.2	0.963	23.4	-0.889	-0.123	7.9	0.897
248172.7	842831.6	128.0	18.263	12.246	33.8	21.988	24.8	17.498	0.880	0.196	12.6	0.901	21.4	-0.842	-0.054	3.6	0.844
248173.3	842830.8	128.0	16.883	11.520	34.3	20.439	23.0	16.265	0.822	0.159	11.0	0.837	19.3	-0.787	0.008	-0.6	0.787
248173.8	842829.9	128.0	15.523	10.782	34.8	18.900	21.2	15.040	0.759	0.147	10.9	0.773	17.2	-0.726	0.060	-4.8	0.729
248174.4	842829.1	128.0	14.208	10.042	35.3	17.398	19.4	13.845	0.693	0.152	12.4	0.710	15.1	-0.663	0.101	-8.7	0.671

Max BF along centerline is 32.709 (uT) at 68.000 (m) from structure [redacted]-8R

Cross section results at max BF along centerline between structures [redacted]-8R and Gantry 2





3D EMF Point Results Span from [redacted]/[redacted]-8R to Gantry 2:

Measurement			B					H	EF					Space Potential			
X (m)	Y (m)	Z (m)	Real (uT)	Imaginary (uT)	Angle (deg)	Magnitude (uT)	Polarization Axial Ratio %	Magnitude (A/m)	Real (kV/m)	Imaginary (kV/m)	Angle (deg)	Magnitude (kV/m)	Polarization Axial Ratio %	Real (kV)	Imaginary (kV)	Angle (deg)	Magnitude (kV)
248191.0	842858.7	128.0	17.966	11.137	31.8	21.137	26.1	16.821	0.330	0.702	64.8	0.775	25.0	0.459	-0.745	-58.4	0.875
248190.2	842858.2	128.0	17.202	11.433	33.6	20.655	26.7	16.437	0.217	0.608	70.3	0.646	33.8	0.253	-0.656	-68.9	0.704
248189.3	842857.7	128.0	16.311	11.545	35.3	19.983	27.0	15.902	0.257	0.490	62.3	0.553	45.0	0.067	-0.541	-82.9	0.545
248188.5	842857.1	128.0	15.329	11.466	36.8	19.143	27.1	15.233	0.370	0.357	43.9	0.514	49.9	-0.092	-0.405	77.2	0.415
248187.6	842856.6	128.0	14.288	11.201	38.1	18.156	27.0	14.448	0.478	0.230	25.7	0.531	40.8	-0.220	-0.257	49.4	0.338
248186.8	842856.0	128.0	13.218	10.770	39.2	17.050	26.6	13.568	0.559	0.170	16.9	0.584	29.4	-0.314	-0.106	18.6	0.331
248185.9	842855.5	128.0	12.141	10.201	40.0	15.857	26.1	12.619	0.605	0.230	20.8	0.648	21.5	-0.372	0.038	-5.9	0.374
248185.1	842855.0	128.0	11.079	9.527	40.7	14.612	25.5	11.628	0.617	0.336	28.6	0.702	16.8	-0.393	0.167	-23.0	0.427
248184.3	842854.4	128.0	10.053	8.784	41.1	13.350	24.9	10.624	0.593	0.435	36.3	0.736	14.2	-0.381	0.275	-35.8	0.469

248183.4	842853.9	128.0	9.086	8.004	41.4	12.109	24.3	9.636	0.538	0.512	43.6	0.743	13.2	-0.336	0.357	-46.8	0.490
248182.6	842853.4	128.0	8.209	7.215	41.3	10.929	23.9	8.697	0.454	0.563	51.2	0.723	13.6	-0.262	0.412	-57.6	0.488
248181.7	842852.8	128.0	7.460	6.442	40.8	9.856	23.9	7.843	0.347	0.587	59.4	0.682	15.6	-0.162	0.440	-69.8	0.469
248180.9	842852.3	128.0	6.891	5.706	39.6	8.947	24.4	7.120	0.230	0.584	68.5	0.628	19.5	-0.041	0.443	-84.7	0.445
248180.1	842851.7	128.0	6.562	5.030	37.5	8.268	25.1	6.580	0.148	0.558	75.2	0.577	25.2	0.097	0.423	77.1	0.434
248179.2	842851.2	128.0	6.530	4.438	34.2	7.895	25.0	6.283	0.205	0.512	68.1	0.551	30.6	0.248	0.383	57.1	0.456
248178.4	842850.7	128.0	6.823	3.965	30.2	7.892	23.0	6.280	0.353	0.447	51.7	0.570	30.7	0.407	0.325	38.6	0.521
248177.5	842850.1	128.0	7.432	3.655	26.2	8.282	18.9	6.591	0.521	0.369	35.3	0.639	25.2	0.569	0.253	23.9	0.622
248176.7	842849.6	128.0	8.318	3.554	23.1	9.045	14.2	7.198	0.692	0.280	22.1	0.747	18.9	0.727	0.167	13.0	0.746
248175.8	842849.0	128.0	9.433	3.690	21.4	10.129	10.7	8.061	0.855	0.188	12.4	0.875	14.3	0.876	0.072	4.7	0.879
248175.0	842848.5	128.0	10.733	4.059	20.7	11.475	9.7	9.131	1.000	0.117	6.7	1.007	11.3	1.006	-0.033	-1.9	1.007
248174.2	842848.0	128.0	12.179	4.629	20.8	13.029	10.9	10.368	1.119	0.138	7.0	1.128	9.6	1.110	-0.144	-7.4	1.119
248173.3	842847.4	128.0	13.738	5.369	21.3	14.750	13.2	11.738	1.201	0.236	11.1	1.224	8.8	1.177	-0.259	-12.4	1.206
248172.5	842846.9	128.0	15.380	6.251	22.1	16.602	15.6	13.211	1.237	0.353	15.9	1.287	8.8	1.200	-0.375	-17.4	1.257
248171.6	842846.3	128.0	17.075	7.259	23.0	18.554	18.1	14.765	1.218	0.473	21.2	1.307	9.6	1.167	-0.488	-22.7	1.265
248170.8	842845.8	128.0	18.791	8.385	24.0	20.577	20.5	16.375	1.138	0.587	27.3	1.281	11.4	1.074	-0.593	-28.9	1.227
248169.9	842845.3	128.0	20.499	9.620	25.1	22.644	22.7	18.020	0.994	0.686	34.6	1.208	14.5	0.915	-0.682	-36.7	1.141
248169.1	842844.7	128.0	22.169	10.958	26.3	24.729	24.8	19.679	0.791	0.761	43.9	1.098	19.8	0.689	-0.745	-47.2	1.015
248168.3	842844.2	128.0	23.770	12.389	27.5	26.805	26.6	21.331	0.553	0.801	55.4	0.973	29.0	0.402	-0.771	-62.5	0.870
248167.4	842843.7	128.0	25.276	13.898	28.8	28.845	28.2	22.954	0.374	0.793	64.7	0.877	43.0	0.060	-0.749	-85.4	0.751
248166.6	842843.1	128.0	26.663	15.464	30.1	30.823	29.3	24.528	0.487	0.728	56.2	0.876	52.1	-0.323	-0.664	64.0	0.739
248165.7	842842.6	128.0	27.910	17.057	31.4	32.709	30.0	26.029	0.823	0.600	36.1	1.018	41.4	-0.734	-0.507	34.6	0.892
248164.9	842842.0	128.0	28.996	18.637	32.7	34.469	30.2	27.430	1.220	0.430	19.4	1.294	28.6	-1.155	-0.271	13.2	1.187
248164.0	842841.5	128.0	29.906	20.158	34.0	36.065	29.8	28.700	1.627	0.340	11.8	1.662	20.5	-1.570	0.045	-1.6	1.571
248163.2	842841.0	128.0	30.622	21.566	35.2	37.454	28.8	29.805	2.017	0.546	15.2	2.089	15.5	-1.962	0.432	-12.4	2.009
248162.4	842840.4	128.0	31.127	22.801	36.2	38.585	27.5	30.705	2.371	0.933	21.5	2.548	12.1	-2.316	0.872	-20.6	2.474
248161.5	842839.9	128.0	31.402	23.804	37.2	39.404	25.7	31.357	2.676	1.379	27.3	3.010	9.6	-2.619	1.337	-27.1	2.940
248160.7	842839.3	128.0	31.314	24.462	38.0	39.736	23.9	31.621	2.910	1.827	32.1	3.436	7.6	-2.852	1.794	-32.2	3.369
248159.8	842838.8	128.0	31.075	24.848	38.6	39.788	21.8	31.662	3.082	2.241	36.0	3.811	6.0	-3.022	2.211	-36.2	3.745
248159.0	842838.3	128.0	30.564	24.885	39.2	39.413	19.7	31.364	3.180	2.584	39.1	4.098	4.7	-3.120	2.555	-39.3	4.033
248158.1	842837.7	128.0	29.786	24.576	39.5	38.616	17.6	30.729	3.204	2.834	41.5	4.277	3.6	-3.144	2.805	-41.7	4.213
248157.3	842837.2	128.0	28.765	23.949	39.8	37.430	15.7	29.786	3.158	2.979	43.3	4.341	2.7	-3.100	2.950	-43.6	4.279
248156.5	842836.6	128.0	27.543	23.054	39.9	35.918	13.9	28.582	3.053	3.022	44.7	4.296	2.0	-2.998	2.994	-45.0	4.236
248155.6	842836.1	128.0	26.169	21.952	40.0	34.157	12.3	27.181	2.902	2.975	45.7	4.156	1.5	-2.850	2.947	-46.0	4.100
248154.8	842835.6	128.0	24.698	20.710	40.0	32.232	10.8	25.650	2.719	2.856	46.4	3.943	1.1	-2.670	2.830	-46.7	3.891
248153.9	842835.0	128.0	23.183	19.391	39.9	30.224	9.6	24.051	2.516	2.688	46.9	3.682	0.7	-2.471	2.663	-47.1	3.632
248153.1	842834.5	128.0	21.668	18.048	39.8	28.200	8.5	22.441	2.306	2.489	47.2	3.393	0.5	-2.264	2.464	-47.4	3.346
248152.3	842834.0	128.0	20.188	16.723	39.6	26.215	7.6	20.861	2.096	2.276	47.3	3.094	0.4	-2.058	2.252	-47.6	3.051
248151.4	842833.4	128.0	18.768	15.445	39.5	24.306	6.9	19.342	1.895	2.061	47.4	2.800	0.4	-1.860	2.038	-47.6	2.759
248150.6	842832.9	128.0	17.425	14.234	39.2	22.500	6.3	17.905	1.706	1.853	47.4	2.518	0.4	-1.673	1.830	-47.6	2.480
248149.7	842832.3	128.0	16.167	13.102	39.0	20.809	5.8	16.559	1.531	1.658	47.3	2.256	0.4	-1.501	1.635	-47.5	2.219
248148.9	842831.8	128.0	14.998	12.053	38.8	19.241	5.4	15.311	1.371	1.478	47.2	2.016	0.4	-1.343	1.456	-47.3	1.980
248148.0	842831.3	128.0	13.917	11.088	38.5	17.794	5.1	14.160	1.226	1.315	47.0	1.798	0.5	-1.200	1.293	-47.1	1.764
248147.2	842830.7	128.0	12.922	10.205	38.3	16.466	4.9	13.103	1.096	1.169	46.8	1.603	0.5	-1.072	1.146	-46.9	1.570
248146.4	842830.2	128.0	12.009	9.400	38.1	15.251	4.8	12.136	0.980	1.039	46.7	1.428	0.5	-0.958	1.016	-46.7	1.396
248145.5	842829.6	128.0	11.172	8.668	37.8	14.140	4.7	11.252	0.877	0.924	46.5	1.273	0.5	-0.856	0.901	-46.5	1.243
248144.7	842829.1	128.0	10.405	8.003	37.6	13.127	4.6	10.446	0.784	0.822	46.3	1.136	0.5	-0.765	0.799	-46.2	1.106
248143.8	842828.6	128.0	9.703	7.398	37.3	12.202	4.6	9.710	0.703	0.733	46.2	1.015	0.5	-0.685	0.709	-46.0	0.986
248143.0	842828.0	128.0	9.061	6.850	37.1	11.359	4.6	9.039	0.630	0.654	46.1	0.908	0.4	-0.613	0.631	-45.8	0.880
248142.1	842827.5	128.0	8.472	6.352	36.9	10.589	4.6	8.427	0.565	0.585	46.0	0.813	0.4	-0.550	0.561	-45.6	0.786
248141.3	842826.9	128.0	7.932	5.900	36.6	9.886	4.6	7.867	0.508	0.524	45.9	0.730	0.4	-0.493	0.500	-45.4	0.703
248140.5	842826.4	128.0	7.437	5.489	36.4	9.243	4.6	7.356	0.457	0.471	45.8	0.656	0.4	-0.443	0.447	-45.2	0.629

Centerline results between structures [redacted]/[redacted]-8A and Gantry 3

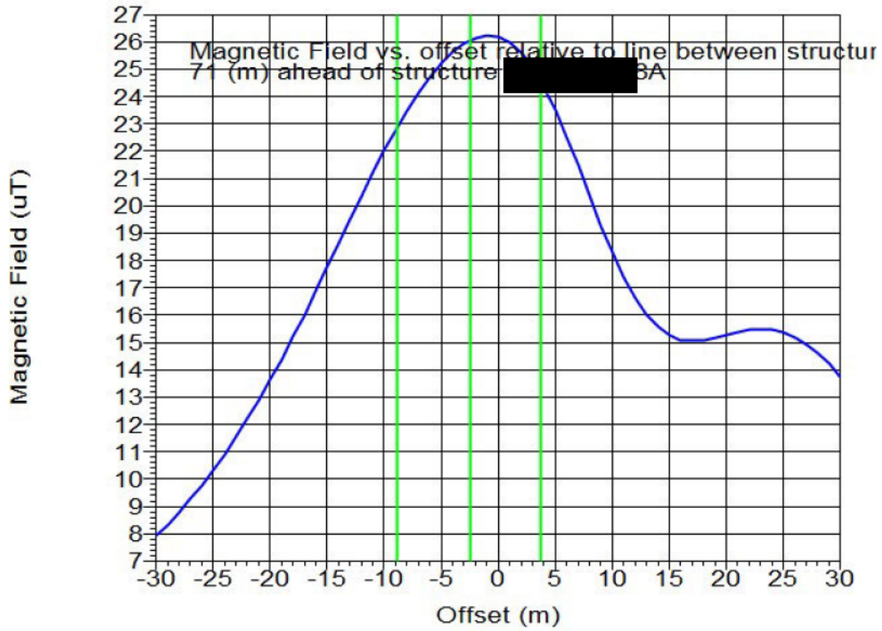
3D EMF Point Results Centerline from [redacted]/[redacted]-8A to Gantry 3:

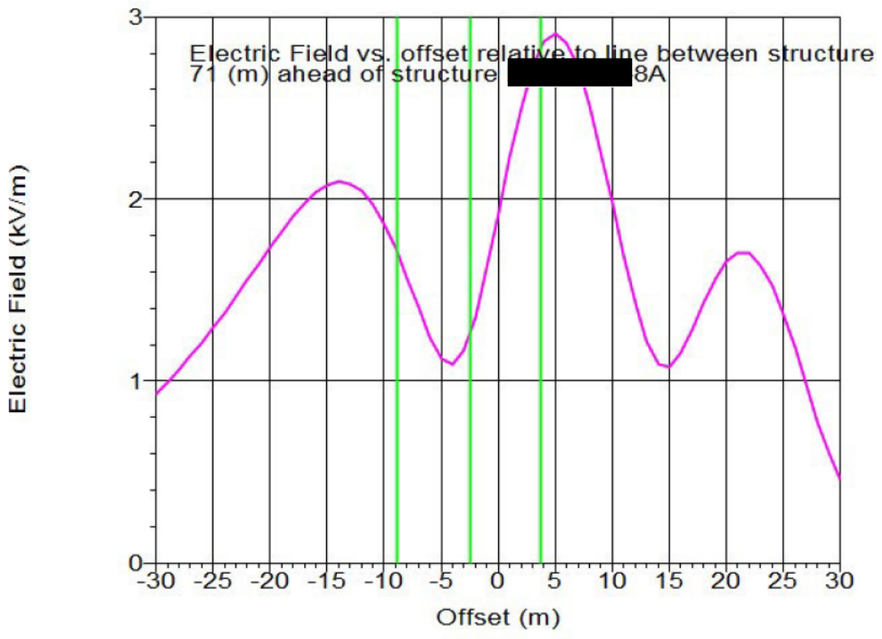
Measurement			B					H	EF					Space Potential				
X (m)	Y (m)	Z (m)	Real (uT)	Imaginary (uT)	Angle (deg)	Magnitude (uT)	Polarization Axial Ratio %	Magnitude (A/m)	Real (kV/m)	Imaginary (kV/m)	Angle (deg)	Magnitude (kV/m)	Polarization Axial Ratio %	Real (kV)	Imaginary (kV)	Angle (deg)	Magnitude (kV)	
247997.6	842727.6	128.0	5.359	3.743	34.9	6.537	17.3	5.202	0.129	0.530	76.3	0.545	8.9	-0.090	0.470	-79.1	0.479	
247998.6	842727.4	128.0	5.031	3.586	35.5	6.178	19.0	4.917	0.092	0.522	80.0	0.530	9.6	-0.044	0.464	-84.6	0.466	
247999.6	842727.3	128.0	4.677	3.429	36.2	5.799	21.3	4.615	0.064	0.519	83.0	0.522	10.3	0.001	0.461	89.9	0.461	
248000.6	842727.1	128.0	4.296	3.275	37.3	5.402	24.4	4.299	0.056	0.518	83.8	0.521	10.8	0.044	0.462	84.5	0.464	
248001.6	842726.9	128.0	3.890	3.132	38.8	4.994	28.5	3.974	0.073	0.522	82.0	0.527	11.2	0.086	0.466	79.6	0.474	
248002.5	842726.7	128.0	3.459	3.005	41.0	4.582	33.8	3.646	0.101	0.530	79.2	0.539	11.5	0.125	0.474	75.2	0.490	
248003.5	842726.5	128.0	3.005	2.904	44.0	4.178	40.3	3.325	0.132	0.542	76.3	0.557	11.8	0.162	0.486	71.5	0.512	
248004.5	842726.3	128.0	2.530	2.835	48.3	3.800	47.7	3.024	0.163	0.557	73.7	0.580	12.2	0.197	0.501	68.5	0.539	
248005.5	842726.1	128.0	2.038	2.806	54.0	3.468	52.9	2.760	0.192	0.577	71.6	0.608	12.5	0.230	0.520	66.2	0.569	
248006.5	842725.9	128.0	1.535	2.823	61.5	3.213	49.7	2.557	0.220	0.599	69.9	0.638	12.9	0.260	0.543	64.4	0.602	
248007.5	842725.7	128.0	1.039	2.886	70.2	3.068	36.0	2.441	0.245	0.626	68.6	0.672	13.2	0.288	0.568	63.1	0.637	
248008.4	842725.5	128.0	0.617	2.995	78.4	3.058	17.8	2.434	0.269	0.655	67.7	0.708	13.5	0.313	0.597	62.3	0.674	
248009.4	842725.3	128.0	0.556	3.145	80.0	3.194	5.4	2.542	0.290	0.686	67.1	0.745	13.8	0.335	0.628	61.9	0.712	
248010.4	842725.1	128.0	0.950	3.330	74.1	3.463	20.1	2.756	0.308	0.720	66.9	0.783	14.1	0.354	0.661	61.8	0.750	
248011.4	842724.9	128.0	1.477	3.541	67.4	3.837	35.8	3.054	0.323	0.756	66.9	0.822	14.4	0.370	0.696	62.0	0.788	
248012.4	842724.8	128.0	2.038	3.773	61.6	4.288	49.9	3.413	0.335	0.793	67.1	0.861	14.6	0.382	0.733	62.5	0.826	
248013.3	842724.6	128.0	2.609	4.018	57.0	4.791	62.4	3.812	0.344	0.832	67.5	0.900	14.8	0.390	0.770	63.1	0.864	
248014.3	842724.4	128.0	3.179	4.271	53.3	5.324	73.4	4.237	0.349	0.871	68.1	0.939	15.0	0.395	0.809	64.0	0.900	
248015.3	842724.2	128.0	3.744	4.528	50.4	5.875	82.6	4.675	0.351	0.911	68.9	0.976	15.2	0.395	0.848	65.0	0.936	
248016.3	842724.0	128.0	4.298	4.785	48.1	6.432	88.7	5.118	0.348	0.952	69.9	1.013	15.3	0.391	0.888	66.2	0.970	
248017.3	842723.8	128.0	4.839	5.040	46.2	6.987	88.8	5.560	0.341	0.992	71.0	1.049	15.4	0.382	0.928	67.6	1.004	
248018.2	842723.6	128.0	5.363	5.291	44.6	7.534	84.8	5.995	0.331	1.033	72.2	1.084	15.4	0.368	0.968	69.2	1.036	
248019.2	842723.4	128.0	5.868	5.537	43.3	8.068	80.3	6.420	0.316	1.073	73.6	1.119	15.5	0.350	1.008	70.9	1.067	

248020.2	842723.2	128.0	6.354	5.777	42.3	8.587	76.0	6.834	0.298	1.114	75.0	1.153	15.4	0.326	1.049	72.7	1.098
248021.2	842723.0	128.0	6.818	6.012	41.4	9.090	72.3	7.233	0.277	1.154	76.5	1.187	15.3	0.298	1.089	74.7	1.129
248022.2	842722.8	128.0	7.260	6.241	40.7	9.574	68.9	7.618	0.253	1.195	78.0	1.221	15.2	0.265	1.129	76.8	1.160
248023.2	842722.6	128.0	7.680	6.464	40.1	10.039	66.0	7.988	0.230	1.235	79.5	1.256	15.0	0.227	1.169	79.0	1.191
248024.1	842722.4	128.0	8.079	6.684	39.6	10.485	63.3	8.344	0.209	1.275	80.7	1.292	14.7	0.185	1.209	81.3	1.223
248025.1	842722.3	128.0	8.456	6.899	39.2	10.913	60.9	8.684	0.194	1.315	81.6	1.329	14.4	0.138	1.249	83.7	1.256
248026.1	842722.1	128.0	8.813	7.110	38.9	11.324	58.8	9.011	0.190	1.354	82.0	1.368	14.0	0.087	1.289	86.1	1.292
248027.1	842721.9	128.0	9.150	7.320	38.7	11.718	56.8	9.325	0.201	1.394	81.8	1.408	13.6	0.033	1.328	88.6	1.329
248028.1	842721.7	128.0	9.469	7.527	38.5	12.097	55.0	9.626	0.227	1.433	81.0	1.451	13.1	-0.025	1.368	-88.9	1.368
248029.0	842721.5	128.0	9.772	7.734	38.4	12.462	53.4	9.917	0.267	1.472	79.7	1.496	12.6	-0.086	1.407	-86.5	1.410
248030.0	842721.3	128.0	10.058	7.940	38.3	12.814	51.9	10.197	0.316	1.511	78.2	1.544	12.0	-0.150	1.446	-84.1	1.454
248031.0	842721.1	128.0	10.330	8.147	38.3	13.156	50.6	10.469	0.371	1.549	76.5	1.593	11.4	-0.216	1.485	-81.7	1.501
248032.0	842720.9	128.0	10.588	8.355	38.3	13.488	49.3	10.733	0.433	1.587	74.8	1.645	10.9	-0.285	1.523	-79.4	1.550
248033.0	842720.7	128.0	10.836	8.564	38.3	13.812	48.2	10.991	0.498	1.624	73.0	1.699	10.3	-0.355	1.561	-77.2	1.601
248033.9	842720.5	128.0	11.072	8.777	38.4	14.129	47.2	11.244	0.566	1.660	71.2	1.754	9.7	-0.427	1.598	-75.0	1.654
248034.9	842720.3	128.0	11.300	8.993	38.5	14.442	46.2	11.492	0.636	1.696	69.4	1.811	9.2	-0.500	1.634	-73.0	1.709
248035.9	842720.1	128.0	11.520	9.212	38.6	14.751	45.3	11.738	0.707	1.730	67.8	1.869	8.7	-0.574	1.668	-71.0	1.764
248036.9	842719.9	128.0	11.734	9.436	38.8	15.058	44.5	11.983	0.780	1.762	66.1	1.927	8.2	-0.649	1.702	-69.1	1.821
248037.9	842719.8	128.0	11.943	9.665	39.0	15.365	43.7	12.227	0.853	1.793	64.5	1.986	7.8	-0.723	1.734	-67.4	1.879
248038.9	842719.6	128.0	12.149	9.900	39.2	15.672	43.0	12.472	0.927	1.822	63.0	2.044	7.4	-0.798	1.764	-65.7	1.936
248039.8	842719.4	128.0	12.353	10.141	39.4	15.982	42.4	12.718	1.000	1.849	61.6	2.102	7.0	-0.872	1.792	-64.0	1.993
248040.8	842719.2	128.0	12.555	10.389	39.6	16.296	41.8	12.968	1.073	1.873	60.2	2.159	6.7	-0.946	1.817	-62.5	2.049
248041.8	842719.0	128.0	12.759	10.644	39.8	16.615	41.2	13.222	1.144	1.895	58.9	2.214	6.4	-1.019	1.840	-61.0	2.103
248042.8	842718.8	128.0	12.964	10.906	40.1	16.941	40.7	13.481	1.215	1.913	57.6	2.267	6.2	-1.090	1.860	-59.6	2.156
248043.8	842718.6	128.0	13.172	11.175	40.3	17.274	40.2	13.746	1.284	1.929	56.3	2.317	6.0	-1.160	1.877	-58.3	2.206
248044.7	842718.4	128.0	13.385	11.453	40.6	17.616	39.7	14.018	1.351	1.940	55.1	2.364	5.8	-1.228	1.890	-57.0	2.254
248045.7	842718.2	128.0	13.603	11.738	40.8	17.968	39.3	14.298	1.417	1.948	54.0	2.408	5.7	-1.295	1.899	-55.7	2.298
248046.7	842718.0	128.0	13.828	12.032	41.0	18.330	38.8	14.587	1.480	1.951	52.8	2.449	5.6	-1.359	1.904	-54.5	2.339
248047.7	842717.8	128.0	14.061	12.333	41.3	18.703	38.4	14.884	1.540	1.949	51.7	2.484	5.6	-1.421	1.904	-53.3	2.376
248048.7	842717.6	128.0	14.303	12.641	41.5	19.089	38.1	15.190	1.598	1.943	50.6	2.516	5.6	-1.480	1.900	-52.1	2.408
248049.7	842717.4	128.0	14.555	12.956	41.7	19.486	37.7	15.506	1.653	1.932	49.5	2.542	5.6	-1.536	1.890	-50.9	2.436
248050.6	842717.3	128.0	14.816	13.277	41.9	19.895	37.4	15.832	1.704	1.915	48.3	2.563	5.7	-1.589	1.876	-49.7	2.458
248051.6	842717.1	128.0	15.088	13.603	42.0	20.315	37.1	16.166	1.752	1.892	47.2	2.579	5.8	-1.639	1.855	-48.5	2.475
248052.6	842716.9	128.0	15.372	13.933	42.2	20.746	36.8	16.509	1.796	1.863	46.1	2.588	5.9	-1.685	1.828	-47.3	2.486
248053.6	842716.7	128.0	15.665	14.265	42.3	21.187	36.6	16.860	1.837	1.828	44.9	2.592	6.1	-1.727	1.795	-46.1	2.491
248054.6	842716.5	128.0	15.969	14.597	42.4	21.636	36.3	17.217	1.873	1.787	43.7	2.589	6.4	-1.765	1.756	-44.8	2.490
248055.5	842716.3	128.0	16.282	14.929	42.5	22.090	36.2	17.579	1.905	1.739	42.4	2.579	6.7	-1.799	1.710	-43.5	2.482
248056.5	842716.1	128.0	16.603	15.256	42.6	22.548	36.0	17.943	1.932	1.685	41.1	2.563	7.0	-1.829	1.656	-42.2	2.468
248057.5	842715.9	128.0	16.929	15.576	42.6	23.005	35.9	18.306	1.954	1.623	39.7	2.540	7.4	-1.854	1.596	-40.7	2.446
248058.5	842715.7	128.0	17.258	15.886	42.6	23.457	35.9	18.666	1.971	1.555	38.3	2.511	7.9	-1.873	1.529	-39.2	2.417
248059.5	842715.5	128.0	17.586	16.183	42.6	23.899	35.9	19.018	1.982	1.480	36.7	2.474	8.4	-1.887	1.454	-37.6	2.382
248060.4	842715.3	128.0	17.909	16.462	42.6	24.326	36.0	19.358	1.988	1.398	35.1	2.430	9.1	-1.894	1.371	-35.9	2.338
248061.4	842715.1	128.0	18.222	16.719	42.5	24.730	36.1	19.680	1.986	1.309	33.4	2.379	9.8	-1.895	1.281	-34.0	2.288
248062.4	842714.9	128.0	18.518	16.950	42.5	25.104	36.3	19.977	1.978	1.213	31.5	2.320	10.7	-1.889	1.183	-32.0	2.229
248063.4	842714.8	128.0	18.790	17.149	42.4	25.439	36.5	20.244	1.962	1.112	29.5	2.255	11.6	-1.876	1.077	-29.9	2.163
248064.4	842714.6	128.0	19.030	17.311	42.3	25.726	36.9	20.472	1.937	1.005	27.4	2.183	12.7	-1.853	0.964	-27.5	2.089
248065.4	842714.4	128.0	19.229	17.430	42.2	25.953	37.3	20.653	1.904	0.894	25.2	2.103	14.1	-1.822	0.843	-24.8	2.007
248066.3	842714.2	128.0	19.378	17.500	42.1	26.111	37.7	20.778	1.860	0.781	22.8	2.018	15.6	-1.780	0.715	-21.9	1.918
248067.3	842714.0	128.0	19.466	17.516	42.0	26.187	38.2	20.839	1.806	0.669	20.3	1.925	17.3	-1.727	0.581	-18.6	1.822
248068.3	842713.8	128.0	19.484	17.473	41.9	26.171	38.8	20.826	1.739	0.563	17.9	1.828	19.4	-1.661	0.441	-14.9	1.719
248069.3	842713.6	128.0	19.422	17.365	41.8	26.053	39.4	20.732	1.660	0.473	15.9	1.726	21.7	-1.583	0.296	-10.6	1.610
248070.3	842713.4	128.0	19.275	17.186	41.7	25.824	40.0	20.550	1.567	0.414	14.8	1.621	24.4	-1.490	0.149	-5.7	1.498
248071.2	842713.2	128.0	19.036	16.934	41.7	25.478	40.6	20.275	1.461	0.402	15.4	1.515	27.5	-1.383	0.002	-0.1	1.383
248072.2	842713.0	128.0	18.707	16.604	41.6	25.013	41.0	19.904	1.340	0.438	18.1	1.410	30.8	-1.262	-0.142	6.4	1.270
248073.2	842712.8	128.0	18.291	16.191	41.5	24.427	41.3	19.439	1.207	0.509	22.8	1.310	34.3	-1.127	-0.279	13.9	1.161
248074.2	842712.6	128.0	17.798	15.691	41.4	23.727	41.3	18.881	1.062	0.592	29.1	1.216	37.5	-0.980	-0.405	22.5	1.060
248075.2	842712.4	128.0	17.242	15.099	41.2	22.918	41.0	18.238	0.909	0.674	36.6	1.131	40.1	-0.822	-0.516	32.1	0.971
248076.1	842712.3	128.0	16.639	14.414	40.9	22.014	40.2	17.518	0.751	0.744	44.7	1.058	41.4	-0.658	-0.607	42.7	0.895
248077.1	842712.1	128.0	16.006	13.636	40.4	21.027	39.0	16.733	0.595	0.797	53.2	0.995	41.0	-0.491	-0.676	54.0	0.835
248078.1	842711.9	128.0	15.357	12.775	39.8	19.976	37.4	15.896	0.451	0.828	61.4	0.942	39.1	-0.326	-0.720	65.7	0.790
248079.1	842711.7	128.0	14.699	11.846	38.9	18.879	35.3	15.023	0.332	0.836	68.3	0.900	36.0	-0.167	-0.740	77.3	0.758
248080.1	842711.5	128.0	14.035	10.874	37.8	17.755	33.0	14.129	0.265	0.823	72.2	0.865	32.1	-0.021	-0.738	88.4	0.738
248081.1	842711.3	128.0	13.344	9.871	36.5	16.598	30.5	13.208	0.270	0.794	71.2	0.839	27.9	0.115	-0.718	-80.9	0.727
248082.0	842711.1	128.0	12.663	8.897	35.1	15.476	27.8	12.315	0.321	0.749	66.8	0.816	23.8	0.227	-0.683	-71.6	0.720
248083.0	842710.9	128.0	11.967	7.964	33.6	14.375	25.3	11.439	0.383	0.696	61.1	0.794	20.1	0.319	-0.638	-63.4	0.713
248084.0	842710.7	128.0	11.259	7.091	32.2	13.305	22.8	10.588	0.438	0.637	55.5	0.773	16.7	0.391	-0.587	-56.4	0.706

Max BF along centerline is 26.187 (uT) at 71.000 (m) from structure [redacted]-8A

Cross section results at max BF along centerline between structures [redacted]-8A and Gantry 3





3D EMF Point Results Span from [redacted]-8A to Gantry 3:

Measurement			B					H	EF					Space Potential			
X (m)	Y (m)	Z (m)	Real (uT)	Imaginary (uT)	Angle (deg)	Magnitude (uT)	Polarization Axial Ratio %	Magnitude (A/m)	Real (kV/m)	Imaginary (kV/m)	Angle (deg)	Magnitude (kV/m)	Polarization Axial Ratio %	Real (kV)	Imaginary (kV)	Angle (deg)	Magnitude (kV)
248073.1	842743.4	128.0	7.149	3.399	25.4	7.916	8.4	6.299	0.899	0.245	15.3	0.931	0.3	0.885	-0.244	-15.4	0.918
248072.9	842742.4	128.0	7.526	3.584	25.5	8.336	8.9	6.634	0.959	0.265	15.4	0.995	0.4	0.942	-0.263	-15.6	0.978
248072.7	842741.5	128.0	7.930	3.784	25.5	8.786	9.5	6.992	1.023	0.286	15.6	1.062	0.4	1.003	-0.283	-15.8	1.043
248072.5	842740.5	128.0	8.360	4.000	25.6	9.268	10.0	7.375	1.091	0.310	15.9	1.134	0.5	1.068	-0.306	-16.0	1.111
248072.3	842739.5	128.0	8.819	4.234	25.6	9.782	10.7	7.784	1.163	0.336	16.1	1.210	0.6	1.136	-0.330	-16.2	1.183
248072.1	842738.5	128.0	9.307	4.486	25.7	10.331	11.3	8.221	1.239	0.365	16.4	1.291	0.6	1.208	-0.358	-16.5	1.260
248071.9	842737.5	128.0	9.825	4.760	25.8	10.917	12.1	8.687	1.317	0.396	16.8	1.376	0.7	1.282	-0.388	-16.8	1.339
248071.7	842736.6	128.0	10.373	5.055	26.0	11.539	12.9	9.183	1.398	0.432	17.2	1.464	0.9	1.359	-0.421	-17.2	1.422
248071.5	842735.6	128.0	10.951	5.376	26.1	12.200	13.8	9.708	1.481	0.470	17.6	1.554	1.0	1.436	-0.458	-17.7	1.507

248071.4	842734.6	128.0	11.558	5.724	26.3	12.898	14.7	10.264	1.563	0.513	18.2	1.645	1.2	1.513	-0.498	-18.2	1.593
248071.2	842733.6	128.0	12.192	6.100	26.6	13.633	15.7	10.849	1.643	0.561	18.9	1.736	1.4	1.587	-0.543	-18.9	1.678
248071.0	842732.6	128.0	12.849	6.508	26.9	14.404	16.9	11.462	1.717	0.613	19.6	1.823	1.6	1.656	-0.592	-19.7	1.759
248070.8	842731.6	128.0	13.526	6.950	27.2	15.207	18.1	12.101	1.783	0.670	20.6	1.905	1.9	1.717	-0.646	-20.6	1.834
248070.6	842730.7	128.0	14.214	7.426	27.6	16.037	19.4	12.762	1.836	0.732	21.7	1.977	2.3	1.765	-0.705	-21.8	1.900
248070.4	842729.7	128.0	14.908	7.941	28.0	16.891	20.9	13.441	1.872	0.799	23.1	2.036	2.8	1.795	-0.768	-23.2	1.952
248070.2	842728.7	128.0	15.597	8.494	28.6	17.760	22.5	14.133	1.885	0.871	24.8	2.076	3.3	1.803	-0.834	-24.8	1.987
248070.0	842727.7	128.0	16.270	9.086	29.2	18.635	24.1	14.829	1.868	0.945	26.8	2.094	4.0	1.782	-0.904	-26.9	1.998
248069.8	842726.7	128.0	16.916	9.716	29.9	19.508	25.9	15.524	1.817	1.021	29.3	2.085	4.9	1.728	-0.974	-29.4	1.983
248069.6	842725.8	128.0	17.523	10.383	30.6	20.368	27.8	16.209	1.727	1.095	32.4	2.045	6.1	1.634	-1.042	-32.5	1.938
248069.4	842724.8	128.0	18.078	11.083	31.5	21.205	29.8	16.874	1.592	1.164	36.2	1.972	7.5	1.497	-1.103	-36.4	1.860
248069.2	842723.8	128.0	18.570	11.810	32.5	22.008	31.8	17.513	1.413	1.220	40.8	1.867	9.4	1.314	-1.153	-41.3	1.748
248069.0	842722.8	128.0	18.992	12.555	33.5	22.767	33.7	18.117	1.190	1.259	46.6	1.732	11.9	1.086	-1.183	-47.5	1.606
248068.9	842721.8	128.0	19.355	13.297	34.5	23.483	35.5	18.687	0.925	1.268	53.9	1.570	15.5	0.811	-1.185	-55.6	1.436
248068.7	842720.9	128.0	19.628	14.047	35.6	24.137	37.2	19.207	0.649	1.243	62.4	1.402	20.6	0.503	-1.151	-66.4	1.256
248068.5	842719.9	128.0	19.821	14.772	36.7	24.720	38.6	19.672	0.416	1.172	70.4	1.243	28.0	0.167	-1.070	-81.1	1.083
248068.3	842718.9	128.0	19.936	15.453	37.8	25.224	39.6	20.072	0.411	1.048	68.6	1.126	37.6	-0.185	-0.934	78.8	0.952
248068.1	842717.9	128.0	19.977	16.069	38.8	25.638	40.2	20.402	0.657	0.871	53.0	1.091	44.6	-0.541	-0.737	53.8	0.914
248067.9	842716.9	128.0	19.949	16.602	39.8	25.954	40.3	20.653	0.971	0.650	33.8	1.169	41.0	-0.886	-0.479	28.4	1.007
248067.7	842715.9	128.0	19.855	17.032	40.6	26.159	40.0	20.817	1.284	0.438	18.8	1.356	31.5	-1.207	-0.164	7.7	1.218
248067.5	842715.0	128.0	19.694	17.342	41.4	26.241	39.3	20.882	1.567	0.417	14.9	1.622	23.2	-1.491	0.195	-7.5	1.504
248067.3	842714.0	128.0	19.466	17.516	42.0	26.187	38.2	20.839	1.806	0.669	20.3	1.925	17.3	-1.727	0.581	-18.6	1.822
248067.1	842713.0	128.0	19.165	17.542	42.5	25.982	37.1	20.675	1.987	1.014	27.0	2.231	13.3	-1.904	0.967	-26.9	2.136
248066.9	842712.0	128.0	18.787	17.410	42.8	25.614	35.8	20.383	2.105	1.361	32.9	2.507	10.4	-2.018	1.329	-33.4	2.416
248066.7	842711.0	128.0	18.328	17.115	43.0	25.076	34.7	19.955	2.153	1.667	37.8	2.723	8.5	-2.062	1.641	-38.5	2.635
248066.5	842710.1	128.0	17.791	16.659	43.1	24.373	33.7	19.395	2.131	1.907	41.8	2.860	7.1	-2.036	1.883	-42.8	2.773
248066.4	842709.1	128.0	17.186	16.053	43.0	23.517	33.1	18.715	2.041	2.067	45.3	2.905	6.3	-1.943	2.043	-46.4	2.820
248066.2	842708.1	128.0	16.534	15.319	42.8	22.540	32.8	17.936	1.891	2.141	48.5	2.856	5.9	-1.790	2.118	-49.8	2.773
248066.0	842707.1	128.0	15.861	14.485	42.4	21.479	32.9	17.093	1.689	2.134	51.6	2.722	6.0	-1.585	2.112	-53.1	2.641
248065.8	842706.1	128.0	15.199	13.585	41.8	20.386	33.5	16.222	1.448	2.059	54.9	2.517	6.6	-1.339	2.038	-56.7	2.439
248065.6	842705.2	128.0	14.583	12.656	41.0	19.309	34.3	15.366	1.179	1.931	58.6	2.262	8.0	-1.063	1.911	-60.9	2.187
248065.4	842704.2	128.0	14.042	11.731	39.9	18.298	35.4	14.561	0.897	1.764	63.1	1.979	10.4	-0.768	1.746	-66.3	1.908
248065.2	842703.2	128.0	13.601	10.840	38.6	17.392	36.6	13.840	0.619	1.575	68.5	1.692	14.2	-0.463	1.558	-73.5	1.625
248065.0	842702.2	128.0	13.276	10.005	37.0	16.624	37.7	13.229	0.388	1.374	74.2	1.428	20.1	-0.154	1.359	-83.5	1.368
248064.8	842701.2	128.0	13.073	9.242	35.3	16.010	38.5	12.741	0.331	1.172	74.2	1.218	28.0	0.150	1.158	82.6	1.168
248064.6	842700.2	128.0	12.991	8.562	33.4	15.558	38.8	12.381	0.498	0.974	62.9	1.094	34.5	0.445	0.961	65.2	1.059
248064.4	842699.3	128.0	13.017	7.967	31.5	15.261	38.6	12.144	0.737	0.786	46.8	1.078	33.3	0.725	0.772	46.8	1.059
248064.2	842698.3	128.0	13.132	7.458	29.6	15.102	37.9	12.018	0.979	0.609	31.9	1.153	25.9	0.984	0.594	31.1	1.149
248064.0	842697.3	128.0	13.314	7.031	27.8	15.057	36.8	11.982	1.203	0.446	20.3	1.283	18.4	1.216	0.427	19.4	1.289
248063.9	842696.3	128.0	13.536	6.680	26.3	15.094	35.6	12.012	1.395	0.299	12.1	1.427	13.2	1.413	0.273	10.9	1.439
248063.7	842695.3	128.0	13.771	6.395	24.9	15.183	34.3	12.083	1.547	0.181	6.7	1.558	9.8	1.568	0.129	4.7	1.574
248063.5	842694.4	128.0	13.994	6.168	23.8	15.293	33.2	12.170	1.649	0.132	4.6	1.655	7.8	1.673	-0.002	-0.1	1.673
248063.3	842693.4	128.0	14.182	5.990	22.9	15.395	32.2	12.251	1.694	0.184	6.2	1.704	6.6	1.721	-0.120	-4.0	1.726
248063.1	842692.4	128.0	14.319	5.852	22.2	15.469	31.3	12.310	1.678	0.270	9.2	1.700	6.2	1.710	-0.226	-7.5	1.724
248062.9	842691.4	128.0	14.391	5.748	21.8	15.497	30.6	12.332	1.600	0.354	12.5	1.639	6.3	1.638	-0.317	-11.0	1.668
248062.7	842690.4	128.0	14.388	5.675	21.5	15.467	30.0	12.308	1.466	0.424	16.2	1.526	6.8	1.511	-0.391	-14.5	1.560
248062.5	842689.5	128.0	14.301	5.632	21.5	15.370	29.4	12.231	1.284	0.477	20.4	1.370	7.9	1.337	-0.446	-18.5	1.410
248062.3	842688.5	128.0	14.122	5.620	21.7	15.199	28.7	12.095	1.068	0.509	25.5	1.184	9.6	1.131	-0.480	-23.0	1.228
248062.1	842687.5	128.0	13.845	5.640	22.2	14.950	28.0	11.897	0.835	0.518	31.8	0.982	12.3	0.904	-0.492	-28.5	1.029
248061.9	842686.5	128.0	13.468	5.691	22.9	14.621	27.3	11.635	0.600	0.502	40.0	0.782	16.7	0.672	-0.479	-35.5	0.825
248061.7	842685.5	128.0	12.991	5.764	23.9	14.212	26.5	11.310	0.382	0.463	50.5	0.600	24.6	0.447	-0.443	-44.7	0.629
248061.5	842684.5	128.0	12.422	5.845	25.2	13.728	25.5	10.924	0.217	0.402	61.6	0.457	39.0	0.238	-0.386	-58.3	0.454

PLS-CADD Version 20.00x64 10:57:39 10 October 2024
M Group Services Limited - UK
Project Name: 'D:\SSE ASTI PLS CADD Models\LT459 Fanellan 16092024\FNLN4-LT459-MES-OHL-ZZ-M-EO-7600-P03.1.don'
Line Title: 'MES Final Arrangement with Gantries - PLS Tower DT towers'

3D EMF Calculation Notes:
  1) Calculations based on the EPRI Red Book methods (3rd Edition, 2005 - 7.4 Calculation of Magnetic Fields and Appendices 7.1 Calculation of Field Ellipse Parameters and 7.6 Electric Field Calculations for 3D Geometry).
  2) All wire positions are modeled at the specified weather case and wind direction. Height above ground determined by the modeled ground TIN.
  3) Only the effects of wires are being analyzed. The effects of structures are not included unless enabled as noted below.
  4) Ground return is being ignored for magnetic field calculations.

Meter height above ground: 1.00 (m)
Maximum wire distance: 150.00 (m)
Maximum cable segment size: 3.00 (m)
Cross section offset +/-: 30.00 (m)
Result interval: 1.00 (m)
Electric field limit: 9.00 (kV/m)
Magnetic field limit: 360.00 (uT)
Space potential limit: 0.00 (kV)
Contour Map Spacing: 3 (m)
Analyzing spans between these structures: [redacted]-4 - [redacted]-9R, Gantry 1 - Gantry 4

One or more sections have wind from both directions which is not supported. A wind direction of left is being used for those sections.

Section Data for 3D EMF Results:

Section Number	Section Note	Voltage Ph-Ph (kV)	Current (Amps)	Cable Filename	Cable Description	Conductors Per Phase	Bundle Diameter (cm)	Cable Radius (cm)	Weather Case	Condition	Wind Dir.	WC Temperature (deg C)	Effective Radius (cm)
1		0.0	0.0	AACSR OPGW	OPGW Data Sheet	1	0.000	1.190	10°C	Creep FE	Left	10.000	1.190
2		0.0	0.0	AACSR OPGW	OPGW Data Sheet	1	0.000	1.190	10°C	Creep FE	Left	10.000	1.190
3		0.0	0.0	AACSR OPGW	OPGW Data Sheet	1	0.000	1.190	10°C	Creep FE	Left	10.000	1.190
4		0.0	0.0	AACSR OPGW	OPGW Data Sheet	1	0.000	1.190	10°C	Creep FE	Left	10.000	1.190
5		0.0	0.0	AACSR OPGW	OPGW Data Sheet	1	0.000	1.190	10°C	Creep FE	Left	10.000	1.190
6		0.0	0.0	AACSR OPGW	OPGW Data Sheet	1	0.000	1.190	10°C	Creep FE	Left	10.000	1.190
9		400.0	3400.0	Lamifil_700mm_aaac_araucaria_EHC_RTS	EHC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
10		400.0	3400.0	Lamifil_700mm_aaac_araucaria_EHC_RTS	EHC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
11		400.0	3400.0	Lamifil_700mm_aaac_araucaria_EHC_RTS	EHC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
12		400.0	3400.0	Lamifil_700mm_aaac_araucaria_EHC_RTS	EHC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
13		400.0	3400.0	Lamifil_700mm_aaac_araucaria_EHC_RTS	EHC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
14		400.0	3400.0	Lamifil_700mm_aaac_araucaria_EHC_RTS	EHC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
15		400.0	3400.0	Lamifil_700mm_aaac_araucaria_EHC_RTS	EHC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
16		400.0	3400.0	Lamifil_700mm_aaac_araucaria_EHC_RTS	EHC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
17		400.0	3400.0	Lamifil_700mm_aaac_araucaria_EHC_RTS	EHC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
18		400.0	3400.0	Lamifil_700mm_aaac_araucaria_EHC_RTS	EHC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
19		400.0	3400.0	Lamifil_700mm_aaac_araucaria_EHC_RTS	EHC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
20		400.0	3400.0	Lamifil_700mm_aaac_araucaria_EHC_RTS	EHC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
21		400.0	3400.0	Lamifil_700mm_aaac_araucaria_EHC_RTS	EHC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
22		400.0	3400.0	Lamifil_700mm_aaac_araucaria_EHC_RTS	EHC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
23		400.0	3400.0	Lamifil_700mm_aaac_araucaria_EHC_RTS	EHC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
24		400.0	3400.0	Lamifil_700mm_aaac_araucaria_EHC_RTS	EHC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
25		400.0	3400.0	Lamifil_700mm_aaac_araucaria_EHC_RTS	EHC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
26		400.0	3400.0	Lamifil_700mm_aaac_araucaria_EHC_RTS	EHC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
27		400.0	3400.0	Lamifil_700mm_aaac_araucaria_EHC_RTS	EHC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
28		400.0	3400.0	Lamifil_700mm_aaac_araucaria_EHC_RTS	EHC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
29		400.0	3400.0	Lamifil_700mm_aaac_araucaria_EHC_RTS	EHC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
30		400.0	3400.0	Lamifil_700mm_aaac_araucaria_EHC_RTS	EHC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
31		400.0	3400.0	Lamifil_700mm_aaac_araucaria_EHC_RTS	EHC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
32		400.0	3400.0	Lamifil_700mm_aaac_araucaria_EHC_RTS	EHC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
33		400.0	3400.0	Lamifil_700mm_aaac_araucaria_EHC_RTS	EHC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
34		400.0	3400.0	Lamifil_700mm_aaac_araucaria_EHC_RTS	EHC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
35		400.0	3400.0	Lamifil_700mm_aaac_araucaria_EHC_RTS	EHC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
36		400.0	3400.0	Lamifil_700mm_aaac_araucaria_EHC_RTS	EHC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
37		400.0	3400.0	Lamifil_700mm_aaac_araucaria_EHC_RTS	EHC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
38		400.0	3400.0	Lamifil_700mm_aaac_araucaria_EHC_RTS	EHC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
39		400.0	3400.0	Lamifil_700mm_aaac_araucaria_EHC_RTS - 8kN	EHC - 700mm² AAAC - Araucaria - RTS	2	30.000	1.863	90°C	Creep FE	Left	90.000	7.476
40		400.0	3400.0	Lamifil_700mm_aaac_araucaria_EHC_RTS - 8kN	EHC - 700mm² AAAC - Araucaria - RTS	2	30.000	1.863	90°C	Creep FE	Left	90.000	7.476
41		400.0	3400.0	Lamifil_700mm_aaac_araucaria_EHC_RTS - 8kN	EHC - 700mm² AAAC - Araucaria - RTS	2	30.000	1.863	90°C	Creep FE	Left	90.000	7.476
42		400.0	3400.0	Lamifil_700mm_aaac_araucaria_EHC_RTS - 8kN	EHC - 700mm² AAAC - Araucaria - RTS	2	30.000	1.863	90°C	Creep FE	Left	90.000	7.476
43		400.0	3400.0	Lamifil_700mm_aaac_araucaria_EHC_RTS - 8kN	EHC - 700mm² AAAC - Araucaria - RTS	2	30.000	1.863	90°C	Creep FE	Left	90.000	7.476
44		400.0	3400.0	Lamifil_700mm_aaac_araucaria_EHC_RTS - 8kN	EHC - 700mm² AAAC - Araucaria - RTS	2	30.000	1.863	90°C	Creep FE	Left	90.000	7.476
45		400.0	3400.0	Lamifil_700mm_aaac_araucaria_EHC_RTS - 8kN	EHC - 700mm² AAAC - Araucaria - RTS	2	30.000	1.863	90°C	Creep FE	Left	90.000	7.476
46		400.0	3400.0	Lamifil_700mm_aaac_araucaria_EHC_RTS - 8kN	EHC - 700mm² AAAC - Araucaria - RTS	2	30.000	1.863	90°C	Creep FE	Left	90.000	7.476
47		400.0	3400.0	Lamifil_700mm_aaac_araucaria_EHC_RTS - 8kN	EHC - 700mm² AAAC - Araucaria - RTS	2	30.000	1.863	90°C	Creep FE	Left	90.000	7.476
48		400.0	3400.0	Lamifil_700mm_aaac_araucaria_EHC_RTS - 8kN	EHC - 700mm² AAAC - Araucaria - RTS	2	30.000	1.863	90°C	Creep FE	Left	90.000	7.476
49		400.0	3400.0	Lamifil_700mm_aaac_araucaria_EHC_RTS - 8kN	EHC - 700mm² AAAC - Araucaria - RTS	2	30.000	1.863	90°C	Creep FE	Left	90.000	7.476
50		400.0	3400.0	Lamifil_700mm_aaac_araucaria_EHC_RTS - 8kN	EHC - 700mm² AAAC - Araucaria - RTS	2	30.000	1.863	90°C	Creep FE	Left	90.000	7.476
51		400.0	3400.0	Lamifil_700mm_aaac_araucaria_HC_RTS	HC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
54		400.0	3400.0	Lamifil_700mm_aaac_araucaria_HC_RTS	HC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
57		400.0	3400.0	Lamifil_700mm_aaac_araucaria_HC_RTS	HC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
60		400.0	3400.0	Lamifil_700mm_aaac_araucaria_HC_RTS	HC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
63		400.0	3400.0	Lamifil_700mm_aaac_araucaria_HC_RTS	HC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
66		400.0	3400.0	Lamifil_700mm_aaac_araucaria_HC_RTS	HC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651

Centerline results between structures [redacted]-4 and [redacted]-5

3D EMF Point Results Centerline from [redacted]-4 to [redacted]-5:

Measurement			B					H	EF					Space Potential				
X (m)	Y (m)	Z (m)	Real (uT)	Imaginary (uT)	Angle (deg)	Magnitude (uT)	Polarization Axial Ratio %	Magnitude (A/m)	Real (kV/m)	Imaginary (kV/m)	Angle (deg)	Magnitude (kV/m)	Polarization Axial Ratio %	Real (kV)	Imaginary (kV)	Angle (deg)	Magnitude (kV)	
249438.0	843965.0	38.7	9.677	6.212	32.7	11.499	16.5	9.151	0.124	0.590	78.1	0.603	20.4	0.033	0.970	88.1	0.971	
249437.3	843964.3	38.6	9.537	6.137	32.8	11.341	16.6	9.025	0.113	0.579	79.0	0.590	19.5	0.065	0.885	85.8	0.888	
249436.6	843963.6	38.5	9.433	6.087	32.8	11.226	16.8	8.933	0.106	0.573	79.5	0.583	18.5	0.092	0.811	83.5	0.816	
249435.9	843962.8	38.4	9.370	6.066	32.9	11.162	17.2	8.882	0.105	0.571	79.6	0.580	17.6	0.116	0.752	81.2	0.761	
249435.2	843962.1	38.4	9.345	6.070	33.0	11.143	17.7	8.868	0.109	0.572	79.3	0.582	16.9	0.139	0.705	78.9	0.719	
249434.5	843961.4	38.4	9.398	6.123	33.1	11.217	18.2	8.926	0.120	0.577	78.2	0.589	17.3	0.164	0.703	76.8	0.721	
249433.8	843960.7	38.3	9.433	6.164	33.2	11.268	18.9	8.967	0.129	0.584	77.6	0.598	16.7	0.185	0.669	74.5	0.694	
249433.1	843960.0	38.3	9.517	6.234	33.2	11.377	19.6	9.054	0.142	0.594	76.6	0.611	16.7	0.208	0.658	72.4	0.690	
249432.4	843959.3	38.3	9.656	6.337	33.3	11.550	20.3	9.191	0.158	0.606	75.4	0.626	17.5	0.237	0.674	70.7	0.715	
249431.7	843958.5	38.4	9.814	6.449	33.3	11.744	21.0	9.345	0.176	0.619	74.2	0.643	18.2	0.267	0.693	68.9	0.742	
249431.0	843957.8	38.4	9.984	6.565	33.3	11.949	21.7	9.509	0.193	0.633	73.1	0.662	18.7	0.297	0.707	67.2	0.767	
249430.3	843957.1	38.3	10.046	6.609	33.3	12.024	22.4	9.569	0.202	0.646	72.7	0.677	16.6	0.303	0.633	64.5	0.702	
249429.6	843956.4	38.3	10.210	6.714	33.3	12.219	23.1	9.724	0.218	0.661	71.8	0.696	16.5	0.326	0.628	62.6	0.707	
249429.0	843955.7	38.3	10.416	6.842	33.3	12.462	23.7	9.917	0.236	0.676	70.8	0.716	17.1	0.356	0.646	61.1	0.738	
249428.3	843954.9	38.4	10.648	6.983	33.3	12.733	24.2	10.133	0.255	0.690	69.7	0.736	18.0	0.392	0.679	60.0	0.784	
249427.6	843954.2	38.4	10.865	7.111	33.2	12.985	24.7	10.333	0.273	0.705	68.9	0.755	18.6	0.423	0.697	58.7	0.816	
249426.9	843953.5	38.4	11.024	7.199	33.1	13.166	25.1	10.478	0.286	0.718	68.3	0.773	17.9	0.439	0.673	56.9	0.804	
249426.2	843952.8	38.3	11.172	7.279	33.1	13.334	25.5	10.611	0.299	0.730	67.7	0.789	17.1	0.451	0.642	54.9	0.785	
249425.5	843952.1	38.3	11.307	7.349	33.0	13.485	25.8	10.731	0.311	0.742	67.3	0.804	16.0	0.459	0.602	52.7	0.757	
249424.8	843951.4	38.3	11.447	7.420	33.0	13.642	26.0	10.856	0.323	0.753	66.8	0.819	15.1	0.466	0.568	50.6	0.735	
249424.1	843950.6	38.3	11.626	7.515	32.9	13.844	26.2	11.016	0.336	0.763	66.3	0.834	15.1	0.485	0.562	49.2	0.743	
249423.4	843949.9	38.3	11.800	7.606	32.8	14.039	26.4	11.172	0.348	0.773	65.8	0.848	15.0	0.502	0.556	47.9	0.749	
249422.7	843949.2	38.3	11.966	7.692	32.7	14.225	26.5	11.320	0.359	0.783	65.3	0.861	14.8	0.517	0.547	46.6	0.753	
249422.0	843948.5	38.3	12.126	7.773	32.7	14.403	26.6	11.462	0.370	0.791	64.9	0.873	14.6	0.531	0.536	45.3	0.755	
249421.3	843947.8	38.3	12.279	7.851	32.6	14.574	26.6	11.598	0.380	0.799	64.6	0.885	14.5	0.544	0.525	44.0	0.756	
249420.6	843947.0	38.3	12.482	7.958	32.5	14.803	26.6	11.780	0.391	0.807	64.2	0.897	15.2	0.572	0.549	43.8	0.793	
249419.9	843946.3	38.5	12.787	8.128	32.4	15.151	26.5	12.057	0.406	0.816	63.5	0.911	17.6	0.633	0.642	45.4	0.902	
249419.2	843945.6	38.6	13.035	8.263	32.4	15.434	26.4	12.282	0.419	0.824	63.0	0.924	19.2	0.677	0.700	45.9	0.974	
249418.5	843944.9	38.6	13.204	8.352	32.3	15.624	26.3	12.433	0.428	0.830	62.8	0.934	19.5	0.699	0.710	45.5	0.996	
249417.8	843944.2	38.6	13.343	8.423	32.3	15.779	26.2	12.556	0.434	0.836	62.5	0.942	19.5	0.712	0.704	44.7	1.001	
249417.1	843943.5	38.6	13.476	8.491	32.2	15.928	26.2	12.675	0.441	0.842	62.4	0.950	19.5	0.724	0.698	44.0	1.005	
249416.4	843942.7	38.6	13.607	8.559	32.2	16.075	26.1	12.792	0.447	0.847	62.2	0.958	19.5	0.736	0.693	43.3	1.011	
249415.7	843942.0	38.7	13.741	8.630	32.1	16.226	26.0	12.912	0.453	0.852	62.0	0.965	19.6	0.750	0.692	42.7	1.020	
249415.0	843941.3	38.7	13.870	8.698	32.1	16.371	25.9	13.028	0.458	0.857	61.9	0.972	19.7	0.763	0.691	42.2	1.029	
249414.3	843940.6	38.7	13.973	8.752	32.1	16.488	25.8	13.120	0.462	0.862	61.8	0.978	19.5	0.769	0.677	41.4	1.024	
249413.6	843939.9	38.7	14.066	8.799	32.0	16.591	25.7	13.203	0.466	0.866	61.7	0.983	19.2	0.772	0.658	40.4	1.014	
249412.9	843939.1	38.7	14.166	8.853	32.0	16.705	25.6	13.293	0.469	0.870	61.7	0.989	19.1	0.778	0.646	39.7	1.011	
249412.2	843938.4	38.7	14.301	8.927	32.0	16.858	25.4	13.415	0.474	0.875	61.5	0.995	19.5	0.796	0.656	39.5	1.031	
249411.6	843937.7	38.8	14.432	8.999	31.9	17.008	25.3	13.534	0.479	0.879	61.4	1.001	19.9	0.813	0.667	39.3	1.051	
249410.9	843937.0	38.8	14.561	9.071	31.9	17.155	25.2	13.652	0.483	0.883	61.3	1.007	20.3	0.830	0.677	39.2	1.071	
249410.2	843936.3	38.8	14.687	9.142	31.9	17.300	25.1	13.767	0.488	0.888	61.2	1.013	20.7	0.847	0.688	39.1	1.091	
249409.5	843935.6	38.9	14.811	9.212	31.9	17.442	25.0	13.880	0.492	0.892	61.1	1.018	21.1	0.864	0.698	38.9	1.111	
249408.8	843934.8	39.0	14.974	9.305	31.9	17.629	24.9	14.029	0.498	0.896	60.9	1.025	22.1	0.894	0.733	39.4	1.156	
249408.1	843934.1	38.9	15.032	9.337	31.8	17.696	24.8	14.082	0.499	0.899	61.0	1.028	21.7	0.892	0.708	38.4	1.138	
249407.4	843933.4	38.9	15.090	9.368	31.8	17.761	24.7	14.134	0.500	0.902	61.0	1.032	21.3	0.890	0.683	37.5	1.122	
249406.7	843932.7	38.9	15.145	9.399	31.8	17.824	24.6	14.184	0.501	0.906	61.1	1.035	20.8	0.888	0.659	36.6	1.106	
249406.0	843932.0	38.9	15.198	9.428	31.8	17.885	24.6	14.233	0.501	0.909	61.1	1.038	20.4	0.886	0.634	35.6	1.090	
249405.3	843931.3	39.0	15.275	9.472	31.8	17.973	24.5	14.303	0.503	0.912	61.1	1.041	20.4	0.892	0.625	35.0	1.089	
249404.6	843930.5	39.0	15.365	9.524	31.8	18.077	24.4	14.385	0.505	0.915	61.1	1.046	20.5	0.902	0.625	34.7	1.097	
249403.9	843929.8	39.0	15.457	9.577	31.8	18.184	24.3	14.470	0.508	0.919	61.1	1.050	20.7	0.913	0.627	34.5	1.108	
249403.2	843929.1	39.0	15.565	9.640	31.8	18.309	24.3	14.570	0.511	0.922	61.0	1.054	21.2	0.929	0.641	34.6	1.129	
249402.5	843928.4	39.1	15.673	9.703	31.8	18.433	24.2	14.669	0.514	0.925	60.9	1.059	21.6	0.946	0.654	34.7	1.150	
249401.8	843927.7	39.1	15.779	9.765	31.8	18.556	24.1	14.767	0.517	0.929	60.9	1.063	22.1	0.962	0.669	34.8	1.172	
249401.1	843926.9	39.2	15.884	9.827	31.7	18.678	24.0	14.864	0.521	0.932	60.8	1.067	22.6	0.978	0.684	35.0	1.194	
249400.4	843926.2	39.2	15.989	9.888	31.7	18.799	23.9	14.960	0.524	0.935	60.7	1.072	23.1	0.994	0.700	35.1	1.216	
249399.7	843925.5	39.2	16.057	9.928	31.7	18.879	23.9	15.023	0.526	0.938	60.7	1.075	23.1	1.000	0.697	34.9	1.219	
249399.0	843924.8	39.2	16.035	9.914	31.7	18.852	23.9	15.002	0.523	0.939	60.9	1.075	22.0	0.980	0.643	33.3	1.172	
249398.3	843924.1	39.2	16.125	9.967	31.7	18.956	23.8	15.085	0.525	0.942	60.8	1.078	22.3	0.992	0.656	33.5	1.189	
249397.6	843923.4	39.2	16.214	10.020	31.7	19.060	23.7	15.167	0.528	0.944	60.8	1.082	22.7	1.005	0.669	33.7	1.207	
249396.9	843922.6	39.2	16.279	10.058	31.7	19.136	23.7	15.228	0.530	0.946	60.8	1.085	22.8	1.011	0.670	33.6	1.213	
249396.2	843921.9	39.3	16.359	10.106	31.7	19.229	23.6	15.302	0.532	0.949	60.7	1.088	23.1	1.021	0.682	33.7	1.228	
249395.5	843921.2	39.3	16.429	10.147	31.7	19.310	23.6	15.366	0.534	0.951	60.7	1.090	23.4	1.029	0.689	33.8	1.238	
249394.9	843920.5	39.3	16.483	10.179	31.7	19.373	23.5	15.416	0.535	0.952	60.7	1.092	23.4	1.033	0.689	33.7	1.241	
249394.2	843919.8	39.3	16.536	10.210	31.7	19.434	23.5	15.465	0.537	0.954	60.6	1.094	23.4	1.036	0.690	33.7	1.245	
249393.5	843919.0	39.3	16.587	10.241	31.7	19.494	23.5	15.513	0.538	0.955	60.6	1.096	23.5	1.039	0.692	33.6	1.249	
249392.8	843918.3	39.3	16.639	10.271	31.7	19.554	23.4	15.561	0.539	0.957	60.6	1.098	23.6	1.043	0.695	33.7	1.254	
249392.1	843917.6	39.4	16.691	10.302	31.7	19.614	23.4	15.608	0.540	0.958	60.6	1.100	23.7	1.047	0.700	33.8	1.260	
249391.4	843916.9	39.4	16.741	10.332	31.7	19.672	23.3	15.655	0.542	0.959	60.5	1.101	23.9	1.051	0.706	33.9	1.266	
249390.7	843916.2	39.4	16.774	10.351	31.7	19.710	23.3	15.685	0.542	0.960	60.5	1.102	23.8	1.050	0.704	33.8	1.264	
249390.0	843915.5	39.4	16.790	10.361	31.7	19.729	23.3	15.700	0.542	0.960	60.6	1.103	23.5	1.045	0.694	33.6	1.255	
249389.3	843914.7	39.4	16.910	10.433	31.7	19.870	23.2	15.812	0.547	0.962	60.4	1.106	24.7	1.070	0.744	34.8	1.303	
249388.6	843914.0	39.4	16.903	10.429	31.7	19.862	23.2	15.805	0.546	0.962	60.4	1.106	24.2	1.059	0.724	34.3	1.283	
249387.9	843913.3	39.4	16.895	10.424	31.7	19.852	23.2	15.798	0.544	0.962	60.5	1.105	23.7	1.048	0.705	33.9	1.263	

249387.2	843912.6	39.4	16.889	10.420	31.7	19.845	23.2	15.792	0.543	0.962	60.5	1.105	23.2	1.038	0.688	33.5	1.245
249386.5	843911.9	39.4	16.884	10.418	31.7	19.839	23.2	15.787	0.542	0.962	60.6	1.104	22.8	1.029	0.673	33.2	1.229
249385.8	843911.1	39.4	16.888	10.420	31.7	19.844	23.2	15.791	0.542	0.962	60.6	1.104	22.5	1.022	0.665	33.0	1.219
249385.1	843910.4	39.4	16.927	10.443	31.7	19.889	23.2	15.827	0.543	0.962	60.6	1.105	22.8	1.026	0.676	33.4	1.229
249384.4	843909.7	39.4	16.964	10.466	31.7	19.933	23.2	15.862	0.544	0.962	60.5	1.106	23.0	1.030	0.689	33.8	1.239
249383.7	843909.0	39.4	17.001	10.487	31.7	19.975	23.1	15.896	0.545	0.963	60.5	1.106	23.2	1.033	0.701	34.2	1.249
249383.0	843908.3	39.4	17.025	10.502	31.7	20.004	23.1	15.919	0.546	0.963	60.4	1.107	23.3	1.034	0.708	34.4	1.253
249382.3	843907.6	39.4	17.004	10.490	31.7	19.980	23.1	15.899	0.545	0.962	60.5	1.106	22.8	1.022	0.691	34.1	1.234
249381.6	843906.8	39.4	16.982	10.477	31.7	19.954	23.1	15.879	0.543	0.962	60.5	1.105	22.3	1.010	0.674	33.7	1.214
249380.9	843906.1	39.4	16.962	10.465	31.7	19.931	23.1	15.860	0.542	0.961	60.6	1.103	21.9	0.999	0.658	33.4	1.196
249380.2	843905.4	39.4	16.955	10.462	31.7	19.923	23.1	15.854	0.541	0.961	60.6	1.103	21.7	0.991	0.651	33.3	1.186
249379.5	843904.7	39.3	16.947	10.457	31.7	19.914	23.1	15.847	0.541	0.961	60.6	1.102	21.4	0.984	0.644	33.2	1.176
249378.8	843904.0	39.3	16.938	10.452	31.7	19.903	23.1	15.839	0.540	0.960	60.6	1.102	21.2	0.977	0.637	33.1	1.166
249378.1	843903.2	39.4	16.968	10.470	31.7	19.938	23.1	15.866	0.541	0.960	60.6	1.102	21.5	0.981	0.652	33.6	1.178
249377.5	843902.5	39.4	17.102	10.549	31.7	20.094	23.1	15.990	0.548	0.961	60.3	1.106	23.2	1.016	0.725	35.5	1.248
249376.8	843901.8	39.5	17.194	10.603	31.7	20.200	23.0	16.075	0.552	0.962	60.1	1.109	24.3	1.038	0.775	36.7	1.295
249376.1	843901.1	39.5	17.194	10.604	31.7	20.201	23.0	16.076	0.552	0.962	60.1	1.109	24.2	1.034	0.775	36.9	1.293
249375.4	843900.4	39.5	17.191	10.602	31.7	20.197	23.0	16.072	0.552	0.961	60.1	1.108	24.2	1.029	0.774	36.9	1.288
249374.7	843899.7	39.5	17.185	10.598	31.7	20.190	23.0	16.067	0.552	0.961	60.1	1.108	24.1	1.024	0.772	37.0	1.283
249374.0	843898.9	39.5	17.178	10.594	31.7	20.182	23.0	16.060	0.552	0.960	60.1	1.108	24.0	1.019	0.770	37.1	1.277
249373.3	843898.2	39.5	17.169	10.590	31.7	20.173	23.0	16.053	0.552	0.960	60.1	1.107	23.9	1.014	0.768	37.1	1.272
249372.6	843897.5	39.5	17.161	10.585	31.7	20.163	23.0	16.045	0.552	0.959	60.1	1.107	23.8	1.008	0.766	37.2	1.266
249371.9	843896.8	39.5	17.152	10.580	31.7	20.152	23.0	16.037	0.552	0.959	60.1	1.106	23.7	1.003	0.764	37.3	1.261
249371.2	843896.1	39.5	17.138	10.571	31.7	20.136	23.0	16.024	0.551	0.958	60.1	1.106	23.6	0.997	0.759	37.3	1.253
249370.5	843895.3	39.5	17.113	10.557	31.7	20.107	23.0	16.001	0.551	0.958	60.1	1.105	23.3	0.988	0.749	37.2	1.240
249369.8	843894.6	39.5	17.099	10.549	31.7	20.091	23.0	15.988	0.550	0.957	60.1	1.104	23.2	0.983	0.746	37.2	1.234
249369.1	843893.9	39.5	17.092	10.544	31.7	20.082	23.0	15.981	0.550	0.957	60.1	1.104	23.2	0.980	0.745	37.3	1.231
249368.4	843893.2	39.5	17.083	10.539	31.7	20.072	23.0	15.973	0.550	0.956	60.1	1.103	23.2	0.978	0.745	37.3	1.229
249367.7	843892.5	39.5	17.072	10.533	31.7	20.060	23.0	15.964	0.550	0.956	60.1	1.103	23.1	0.975	0.744	37.3	1.226
249367.0	843891.8	39.5	17.061	10.527	31.7	20.047	23.0	15.953	0.550	0.955	60.1	1.102	23.1	0.974	0.742	37.3	1.224
249366.3	843891.0	39.5	17.049	10.520	31.7	20.033	23.1	15.942	0.550	0.955	60.1	1.102	23.1	0.972	0.740	37.3	1.222
249365.6	843890.3	39.5	17.035	10.512	31.7	20.017	23.1	15.929	0.550	0.955	60.1	1.101	23.0	0.972	0.737	37.2	1.220
249364.9	843889.6	39.5	17.020	10.503	31.7	20.000	23.1	15.916	0.549	0.954	60.1	1.101	23.0	0.972	0.734	37.1	1.218
249364.2	843888.9	39.5	16.999	10.490	31.7	19.975	23.1	15.896	0.548	0.954	60.1	1.100	22.9	0.971	0.727	36.8	1.213
249363.5	843888.2	39.5	16.975	10.476	31.7	19.947	23.1	15.874	0.547	0.953	60.2	1.099	22.7	0.970	0.719	36.5	1.207
249362.8	843887.4	39.5	16.949	10.461	31.7	19.918	23.1	15.850	0.546	0.953	60.2	1.098	22.6	0.969	0.710	36.2	1.202
249362.1	843886.7	39.5	16.923	10.446	31.7	19.887	23.1	15.826	0.544	0.953	60.3	1.097	22.4	0.970	0.701	35.8	1.197
249361.4	843886.0	39.5	16.896	10.430	31.7	19.855	23.1	15.800	0.543	0.952	60.3	1.096	22.3	0.971	0.691	35.4	1.192
249360.7	843885.3	39.5	16.867	10.413	31.7	19.822	23.1	15.774	0.541	0.952	60.4	1.095	22.1	0.973	0.681	35.0	1.188
249360.1	843884.6	39.5	16.837	10.395	31.7	19.788	23.1	15.747	0.540	0.952	60.4	1.094	21.9	0.975	0.671	34.5	1.184
249359.4	843883.9	39.5	16.807	10.377	31.7	19.752	23.2	15.718	0.538	0.951	60.5	1.093	21.8	0.978	0.661	34.1	1.180
249358.7	843883.1	39.5	16.775	10.358	31.7	19.715	23.2	15.689	0.536	0.951	60.6	1.092	21.6	0.981	0.650	33.6	1.177
249358.0	843882.4	39.5	16.778	10.360	31.7	19.719	23.2	15.692	0.536	0.951	60.6	1.091	21.9	0.995	0.660	33.6	1.194
249357.3	843881.7	39.5	16.781	10.362	31.7	19.722	23.2	15.694	0.536	0.950	60.6	1.091	22.2	1.009	0.670	33.6	1.211
249356.6	843881.0	39.5	16.739	10.337	31.7	19.674	23.2	15.656	0.534	0.950	60.7	1.089	22.0	1.011	0.657	33.0	1.205
249355.9	843880.3	39.5	16.672	10.298	31.7	19.596	23.2	15.594	0.531	0.949	60.8	1.087	21.4	1.005	0.629	32.1	1.186
249355.2	843879.5	39.5	16.640	10.278	31.7	19.558	23.2	15.564	0.529	0.948	60.8	1.085	21.3	1.010	0.623	31.6	1.187
249354.5	843878.8	39.5	16.606	10.259	31.7	19.520	23.2	15.533	0.527	0.947	60.9	1.084	21.3	1.015	0.616	31.3	1.188
249353.8	843878.1	39.5	16.581	10.244	31.7	19.490	23.3	15.509	0.526	0.946	60.9	1.082	21.3	1.023	0.615	31.0	1.194
249353.1	843877.4	39.5	16.566	10.235	31.7	19.473	23.3	15.496	0.526	0.945	60.9	1.081	21.5	1.034	0.622	31.0	1.206
249352.4	843876.7	39.5	16.551	10.226	31.7	19.456	23.3	15.482	0.525	0.944	60.9	1.080	21.7	1.044	0.629	31.1	1.219
249351.7	843876.0	39.5	16.535	10.217	31.7	19.437	23.3	15.467	0.525	0.942	60.9	1.079	21.9	1.054	0.637	31.1	1.232
249351.0	843875.2	39.5	16.508	10.200	31.7	19.405	23.3	15.442	0.524	0.941	60.9	1.077	22.0	1.061	0.640	31.1	1.239
249350.3	843874.5	39.5	16.467	10.176	31.7	19.357	23.3	15.404	0.522	0.939	60.9	1.075	22.0	1.063	0.635	30.9	1.239
249349.6	843873.8	39.5	16.424	10.151	31.7	19.308	23.3	15.365	0.521	0.937	60.9	1.072	21.9	1.065	0.632	30.7	1.239
249348.9	843873.1	39.5	16.381	10.126	31.7	19.258	23.4	15.325	0.520	0.935	60.9	1.070	21.8	1.067	0.629	30.5	1.238
249348.2	843872.4	39.5	16.337	10.100	31.7	19.207	23.4	15.285	0.518	0.933	61.0	1.068	21.8	1.068	0.626	30.4	1.238
249347.5	843871.6	39.5	16.293	10.073	31.7	19.155	23.4	15.243	0.517	0.931	61.0	1.065	21.7	1.068	0.624	30.3	1.237
249346.8	843870.9	39.5	16.247	10.046	31.7	19.102	23.4	15.201	0.516	0.929	61.0	1.063	21.7	1.068	0.622	30.2	1.236
249346.1	843870.2	39.5	16.201	10.018	31.7	19.048	23.4	15.158	0.515	0.927	61.0	1.060	21.6	1.067	0.621	30.2	1.235
249345.4	843869.5	39.5	16.156	9.992	31.7	18.996	23.5	15.117	0.514	0.925	61.0	1.058	21.6	1.067	0.621	30.2	1.235
249344.7	843868.8	39.5	16.112	9.966	31.7	18.945	23.5	15.076	0.513	0.923	60.9	1.056	21.6	1.066	0.623	30.3	1.234
249344.0	843868.1	39.5	16.067	9.939	31.7	18.893	23.5	15.034	0.512	0.920	60.9	1.053	21.6	1.065	0.624	30.4	1.234
249343.4	843867.3	39.5	16.023	9.913	31.7	18.841	23.5	14.993	0.511	0.918	60.9	1.051	21.6	1.063	0.626	30.5	1.234
249342.7	843866.6	39.6	15.990	9.894	31.7	18.804	23.5	14.963	0.511	0.916	60.9	1.049	21.8	1.065	0.636	30.9	1.240
249342.0	843865.9	39.6	15.957	9.874	31.7	18.765	23.6	14.933	0.511	0.914	60.8	1.047	22.0	1.066	0.645	31.2	1.246
249341.3	843865.2	39.6	15.923	9.853	31.7	18.725	23.6	14.901	0.510	0.912	60.8	1.045	22.2	1.066	0.655	31.5	1.251
249340.6	843864.5	39.6	15.887	9.832	31.8	18.684	23.6	14.868	0.510	0.910	60.7	1.043	22.3	1.066	0.663	31.9	1.256
249339.9	843863.8	39.6	15.851	9.811	31.8	18.642	23.6	14.835	0.510	0.907	60.7	1.041	22.5	1.066	0.672	32.2	1.260
249339.2	843863.0	39.6	15.814	9.789	31.8	18.598	23.6	14.800	0.510	0.905	60.6	1.039	22.6	1.065	0.680	32.6	1.263
249338.5	843862.3	39.6	15.703	9.722	31.8	18.469	23.7	14.697	0.506	0.902	60.7	1.034	21.7	1.041	0.646	31.8	1.226
249337.8	843861.6	39.5	15.584	9.652	31.8	18.331	23.7	14.587	0.502	0.899	60.8	1.030	20.7	1.015	0.608	30.9	1.183
249337.1	843860.9	39.5	15.465	9.581	31.8	18.193	23.8	14.477	0.498	0.896	60.9	1.025	19.7	0.989	0.569	29.9	1.141
249336.4	843860.2	39.5	15.405	9.545	31.8	18.123	23.8	14.421	0.497	0.894	60.9	1.023	19.6	0.981	0.564	29.9	1.132
249335.7	843859.4	39.5	15.385	9.533	31.8	18.100	23.8	14.403	0.498	0.892	60.8	1.021	20.0	0.985	0.583	30.6	1.145
249335.0	843858.7	39.5	15.365	9.521	31.8	18.076	23.8	14.384	0.498	0.890	60.8	1.020	20.4	0.990	0.601	31.3	1.158
249334.3	843858.0	39.6	15.343	9.508	31.8	18.050	23.8	14.364	0.499	0.888	60.7	1.019	20.8	0.994	0.619	31.9	1.171
249333.6	843857.3	39.6	15.290	9.476	31.8	17.989	23.9	14.315	0.498	0.885	60.6	1.015	20.9	0.984	0.610	31.8	1.158
249332.9	843856.6	39.6	15.240	9.446	31.8	17.930	23.9	14.268	0.497	0.883	60.6	1.013	20.9	0.980	0.611	31.9	1.155
249332.2	843855.9	39.6	15.189	9.415	31.8	17.870	23.9	14.221	0.496	0.881	60.6	1.011	20.8	0.977	0.610	32.0	1.152
249331.5	843855.1	39.6	15.137	9.384	31.8	17.810	23.9	14.172	0.495	0.879	60.6	1.008	20.8	0.973	0.610	32.1	1.148
249330.8	843854.4	39.6	15.084	9.353	31.8	17.748	24.0	14.124	0.494	0.877	60.6	1.006	20.8	0.970	0.608	32.1	1.145
249330.1	843853.7	39.6	15.030	9.321	31.8	17.686	24.0	14.074	0.492	0.875	60.6	1.004	20.7	0.967	0.606	32.1	1.142
249329.4	843853.0	39.6	14.976	9.289	31.8	17.623	24.0	14.024	0.491	0.873	60.6	1.001	20.7	0.965	0.604	32.0	1.138
249328.7	843852.3	39.6	14.922	9.256	31.8	17.560	24.0	13.974	0.490	0.871	60.6	0.999	20.6	0.963	0.601	32.0	1.135
249328.0	843851.5	39.6	14.852	9.214	31.8	17.478	24.1	13.909	0.488	0.869	60.7	0.996	20.3	0.956	0.589	31.6	1.123
249327.3	843850.8	39.6	14.778	9.170	31.8	17.392	24.1	13.840	0.485	0.867	60.7	0.993	20.0	0.949	0.574	31.2	1.109

249326.6	843850.1	39.6	14.704	9.126	31.8	17.305	24.1	13.771	0.483	0.864	60.8	0.990	19.7	0.943	0.559	30.7	1.096
249326.0	843849.4	39.6	14.629	9.081	31.8	17.218	24.2	13.702	0.481	0.862	60.9	0.987	19.3	0.936	0.544	30.1	1.083
249325.3	843848.7	39.6	14.559	9.039	31.8	17.137	24.2	13.637	0.478	0.860	60.9	0.984	19.1	0.932	0.532	29.7	1.073
249324.6	843848.0	39.6	14.521	9.016	31.8	17.092	24.2	13.602	0.478	0.859	60.9	0.982	19.3	0.939	0.538	29.8	1.082
249323.9	843847.2	39.7	14.487	8.996	31.8	17.053	24.2	13.570	0.477	0.857	60.9	0.981	19.6	0.947	0.548	30.0	1.094
249323.2	843846.5	39.7	14.452	8.975	31.8	17.012	24.2	13.538	0.476	0.855	60.9	0.979	19.8	0.956	0.557	30.2	1.106
249322.5	843845.8	39.7	14.416	8.953	31.8	16.970	24.3	13.505	0.475	0.853	60.9	0.977	20.1	0.965	0.566	30.4	1.118
249321.8	843845.1	39.7	14.380	8.932	31.8	16.928	24.3	13.471	0.475	0.851	60.9	0.975	20.4	0.973	0.575	30.6	1.131
249321.1	843844.4	39.8	14.343	8.909	31.8	16.884	24.3	13.436	0.474	0.849	60.8	0.972	20.7	0.983	0.584	30.7	1.143
249320.4	843843.6	39.8	14.305	8.886	31.8	16.840	24.3	13.401	0.473	0.847	60.8	0.970	20.9	0.992	0.593	30.9	1.155
249319.7	843842.9	39.8	14.266	8.863	31.9	16.795	24.3	13.365	0.472	0.845	60.8	0.968	21.2	1.001	0.601	31.0	1.168
249319.0	843842.2	39.8	14.226	8.839	31.9	16.749	24.4	13.328	0.471	0.843	60.8	0.966	21.5	1.010	0.610	31.1	1.180
249318.3	843841.5	39.9	14.185	8.814	31.9	16.700	24.4	13.290	0.470	0.841	60.8	0.963	21.7	1.019	0.618	31.2	1.192
249317.6	843840.8	39.9	14.137	8.786	31.9	16.645	24.4	13.246	0.469	0.838	60.8	0.961	21.8	1.026	0.622	31.2	1.200
249316.9	843840.1	39.9	14.071	8.746	31.9	16.567	24.4	13.184	0.467	0.836	60.8	0.957	21.7	1.028	0.615	30.9	1.198
249316.2	843839.3	39.9	13.986	8.695	31.9	16.469	24.5	13.106	0.464	0.833	60.9	0.953	21.3	1.024	0.598	30.3	1.186
249315.5	843838.6	39.9	13.903	8.645	31.9	16.371	24.5	13.028	0.461	0.830	60.9	0.949	21.0	1.020	0.581	29.6	1.174
249314.8	843837.9	39.9	13.832	8.603	31.9	16.289	24.5	12.962	0.459	0.827	61.0	0.946	20.8	1.021	0.572	29.3	1.170
249314.1	843837.2	39.9	13.762	8.560	31.9	16.207	24.6	12.897	0.457	0.824	61.0	0.942	20.6	1.022	0.563	28.9	1.167
249313.4	843836.5	39.9	13.691	8.517	31.9	16.124	24.6	12.831	0.455	0.821	61.0	0.939	20.4	1.022	0.554	28.5	1.163
249312.7	843835.7	39.9	13.619	8.474	31.9	16.040	24.6	12.765	0.452	0.818	61.1	0.935	20.2	1.023	0.545	28.0	1.159
249312.0	843835.0	39.9	13.553	8.435	31.9	15.964	24.7	12.703	0.450	0.815	61.1	0.932	20.1	1.026	0.539	27.7	1.159
249311.3	843834.3	39.9	13.501	8.403	31.9	15.903	24.7	12.655	0.449	0.813	61.1	0.929	20.2	1.033	0.542	27.7	1.167
249310.6	843833.6	40.0	13.448	8.372	31.9	15.841	24.7	12.606	0.448	0.810	61.1	0.925	20.2	1.041	0.544	27.6	1.174
249309.9	843832.9	40.0	13.395	8.339	31.9	15.779	24.7	12.557	0.446	0.807	61.1	0.922	20.3	1.048	0.546	27.5	1.182
249309.2	843832.2	40.0	13.341	8.307	31.9	15.716	24.8	12.506	0.444	0.805	61.1	0.919	20.3	1.055	0.546	27.4	1.188
249308.6	843831.4	40.0	13.287	8.274	31.9	15.653	24.8	12.456	0.443	0.802	61.1	0.916	20.3	1.063	0.546	27.2	1.195
249307.9	843830.7	40.0	13.232	8.241	31.9	15.588	24.8	12.405	0.441	0.799	61.1	0.913	20.3	1.070	0.545	27.0	1.201
249307.2	843830.0	40.1	13.176	8.207	31.9	15.524	24.8	12.353	0.439	0.797	61.1	0.910	20.2	1.078	0.543	26.7	1.207
249306.5	843829.3	40.1	13.104	8.164	31.9	15.439	24.9	12.286	0.436	0.794	61.2	0.906	19.9	1.080	0.529	26.1	1.202
249305.8	843828.6	40.1	13.057	8.135	31.9	15.383	24.9	12.242	0.434	0.792	61.2	0.903	19.9	1.090	0.531	26.0	1.212
249305.1	843827.8	40.1	12.990	8.095	31.9	15.305	24.9	12.179	0.432	0.789	61.3	0.899	19.6	1.094	0.518	25.4	1.211
249304.4	843827.1	40.1	12.922	8.054	31.9	15.226	24.9	12.117	0.429	0.787	61.4	0.896	19.3	1.098	0.505	24.7	1.209
249303.7	843826.4	40.1	12.854	8.013	31.9	15.147	25.0	12.054	0.425	0.784	61.5	0.892	18.9	1.102	0.489	23.9	1.206
249303.0	843825.7	40.2	12.786	7.972	31.9	15.068	25.0	11.991	0.422	0.782	61.6	0.889	18.5	1.106	0.472	23.1	1.203
249302.3	843825.0	40.2	12.718	7.930	31.9	14.988	25.0	11.927	0.419	0.780	61.8	0.885	18.0	1.110	0.453	22.2	1.199
249301.6	843824.3	40.1	12.607	7.863	32.0	14.859	25.1	11.824	0.413	0.777	62.0	0.880	16.8	1.100	0.404	20.2	1.172
249300.9	843823.5	40.1	12.475	7.784	32.0	14.704	25.2	11.701	0.407	0.775	62.3	0.875	15.1	1.082	0.339	17.4	1.134
249300.2	843822.8	40.1	12.350	7.708	32.0	14.558	25.2	11.585	0.401	0.773	62.6	0.871	13.5	1.066	0.276	14.5	1.101
249299.5	843822.1	40.3	12.507	7.802	32.0	14.741	25.1	11.730	0.405	0.774	62.4	0.873	16.5	1.142	0.396	19.1	1.209
249298.8	843821.4	40.7	12.879	8.027	31.9	15.176	25.0	12.077	0.421	0.778	61.6	0.884	22.7	1.284	0.649	26.8	1.439
249298.1	843820.7	40.6	12.744	7.946	31.9	15.018	25.0	11.951	0.412	0.776	62.0	0.879	20.8	1.263	0.574	24.4	1.387
249297.4	843819.9	40.4	12.382	7.727	32.0	14.595	25.2	11.614	0.394	0.772	63.0	0.867	15.1	1.167	0.347	16.6	1.218
249296.7	843819.2	40.2	12.133	7.576	32.0	14.305	25.3	11.383	0.383	0.771	63.6	0.861	11.1	1.105	0.186	9.6	1.121
249296.0	843818.5	40.2	11.972	7.478	32.0	14.116	25.4	11.233	0.376	0.771	64.0	0.858	8.3	1.068	0.078	4.2	1.071
249295.3	843817.8	40.0	11.659	7.288	32.0	13.750	25.5	10.942	0.368	0.770	64.5	0.854	2.7	0.978	-0.143	-8.3	0.988
249294.6	843817.1	40.0	11.581	7.241	32.0	13.658	25.6	10.869	0.365	0.772	64.7	0.854	1.0	0.962	-0.205	-12.0	0.984
249293.9	843816.4	40.3	11.821	7.386	32.0	13.939	25.4	11.092	0.366	0.775	64.7	0.857	4.7	1.046	-0.046	-2.5	1.047
249293.2	843815.6	40.3	11.761	7.350	32.0	13.869	25.5	11.037	0.363	0.778	65.0	0.858	3.0	1.027	-0.103	-5.7	1.032
249292.5	843814.9	40.3	11.703	7.315	32.0	13.802	25.5	10.983	0.361	0.781	65.2	0.860	1.4	1.002	-0.162	-9.2	1.016
249291.8	843814.2	40.4	11.663	7.291	32.0	13.755	25.5	10.946	0.360	0.785	65.3	0.863	1.3	0.978	-0.214	-12.4	1.001
249291.2	843813.5	40.5	11.727	7.330	32.0	13.830	25.5	11.005	0.361	0.789	65.4	0.868	1.9	0.979	-0.197	-11.4	0.999
249290.5	843812.8	40.7	11.835	7.395	32.0	13.956	25.4	11.105	0.363	0.794	65.4	0.873	2.4	0.986	-0.154	-8.9	0.998
249289.8	843812.0	40.9	11.943	7.460	32.0	14.081	25.4	11.205	0.366	0.799	65.4	0.879	3.1	0.984	-0.116	-6.7	0.991
249289.1	843811.3	40.9	11.903	7.436	32.0	14.035	25.4	11.169	0.369	0.804	65.4	0.885	4.3	0.929	-0.185	-11.3	0.947
249288.4	843810.6	40.9	11.832	7.392	32.0	13.951	25.4	11.102	0.374	0.810	65.2	0.893	6.9	0.854	-0.281	-18.2	0.899
249287.7	843809.9	41.0	11.862	7.411	32.0	13.987	25.4	11.131	0.381	0.817	65.0	0.901	8.6	0.801	-0.309	-21.1	0.858
249287.0	843809.2	41.4	12.163	7.593	32.0	14.339	25.3	11.410	0.387	0.823	64.8	0.909	7.3	0.822	-0.154	-10.6	0.836
249286.3	843808.5	41.7	12.416	7.746	32.0	14.634	25.2	11.645	0.395	0.829	64.5	0.919	7.1	0.818	-0.040	-2.8	0.819
249285.6	843807.7	41.9	12.557	7.831	31.9	14.798	25.1	11.776	0.405	0.836	64.1	0.929	7.9	0.770	-0.007	-0.6	0.770
249284.9	843807.0	42.1	12.703	7.920	31.9	14.970	25.0	11.913	0.416	0.843	63.7	0.940	8.7	0.715	0.024	1.9	0.716
249284.2	843806.3	42.4	12.970	8.080	31.9	15.281	24.9	12.160	0.428	0.849	63.3	0.951	8.8	0.688	0.128	10.5	0.700
249283.5	843805.6	42.8	13.276	8.265	31.9	15.638	24.8	12.445	0.441	0.856	62.8	0.963	8.9	0.666	0.249	20.5	0.711
249282.8	843804.9	43.1	13.644	8.486	31.9	16.068	24.6	12.786	0.455	0.863	62.2	0.975	9.2	0.654	0.398	31.3	0.766
249282.1	843804.1	43.5	14.051	8.730	31.9	16.542	24.4	13.164	0.470	0.870	61.6	0.989	10.1	0.649	0.560	40.8	0.857
249281.4	843803.4	43.9	14.488	8.992	31.8	17.052	24.2	13.570	0.487	0.879	61.0	1.005	11.3	0.646	0.725	48.3	0.971
249280.7	843802.7	44.2	14.735	9.140	31.8	17.339	24.1	13.798	0.501	0.886	60.5	1.018	11.0	0.582	0.771	53.0	0.966
249280.0	843802.0	44.4	14.917	9.248	31.8	17.551	24.0	13.967	0.513	0.893	60.1	1.030	9.9	0.494	0.772	57.4	0.917
249279.3	843801.3	44.6	15.047	9.326	31.8	17.703	23.9	14.088	0.526	0.901	59.7	1.043	8.7	0.387	0.736	62.3	0.832
249278.6	843800.6	44.9	15.365	9.516	31.8	18.072	23.8	14.382	0.540	0.909	59.3	1.058	8.1	0.334	0.793	67.1	0.861
249277.9	843799.8	45.2	15.754	9.747	31.7	18.526	23.6	14.742	0.554	0.919	58.9	1.074	7.7	0.303	0.876	70.9	0.927
249277.2	843799.1	45.6	16.207	10.017	31.7	19.053	23.4	15.162	0.569	0.931	58.6	1.091	7.6	0.291	0.979	73.4	1.021
249276.5	843798.4	46.1	16.822	10.382	31.7	19.768	23.1	15.731	0.585	0.944	58.2	1.111	9.2	0.328	1.147	74.0	1.193
249275.8	843797.7	46.5	17.354	10.697	31.6	20.386	22.9	16.223	0.600	0.959	57.9	1.131	10.2	0.340	1.255	74.9	1.301
249275.1	843797.0	46.8	17.806	10.963	31.6	20.911	22.7	16.640	0.614	0.973	57.8	1.150	10.3	0.328	1.311	76.0	1.351
249274.5	843796.3	47.3	18.491	11.367	31.6	21.705	22.4	17.272	0.631	0.991	57.5	1.174	13.0	0.384	1.459	75.2	1.509
249273.8	843795.5	47.6	19.017	11.676	31.5	22.315	22.1	17.758	0.645	1.007	57.4	1.196	13.7	0.395	1.520	75.4	1.570
249273.1	843794.8	48.0	19.517	11.969	31.5	22.895	21.9	18.219	0.657	1.024	57.3	1.217	14.0	0.400	1.555	75.6	1.606
249272.4	843794.1	48.4	20.263	12.406	31.5	23.759	21.6	18.907	0.675	1.045	57.1	1.245	17.0	0.475	1.684	74.3	1.750
249271.7	843793.4	48.8	20.782	12.709	31.4	24.360	21.3	19.385	0.687	1.064	57.2	1.266	17.2	0.487	1.702	74.0	1.771
249271.0	843792.7	49.0	21.132	12.913	31.4	24.765	21.2	19.708	0.692	1.081	57.4	1.283	15.5	0.456	1.639	74.5	1.702
249270.3	843791.9	49.5	21.983	13.408	31.4	25.749	20.8	20.491	0.713	1.104	57.2	1.314	19.2	0.559	1.774	72.5	1.860
249269.6	843791.2	49.8	22.630	13.783	31.3	26.497	20.5	21.086	0.727	1.125	57.1	1.340	20.5	0.608	1.813	71.5	1.913
249268.9	843790.5	50.2	23.299	14.171	31.3	27.270	20.2	21.701	0.741	1.147	57.1	1.366	21.8	0.663	1.852	70.3	1.967
249268.2	843789.8	50.5	23.943	14.543	31.3	28.014	19.9	22.293	0.754	1.168	57.1	1.390	22.9	0.712	1.871	69.2	2.002
249267.5	843789.1	50.7	24.147	14.660	31.3	28.249	19.8	22.479	0.749	1.183	57.7	1.401	19.3	0.655	1.714	69.1	1.835
249266.8	843788.4	51.0	24.754	15.010	31.2	28.949	19.5	23.037	0.760	1.204	57.8	1.423	19.8	0.699	1.708	67.8	1.845

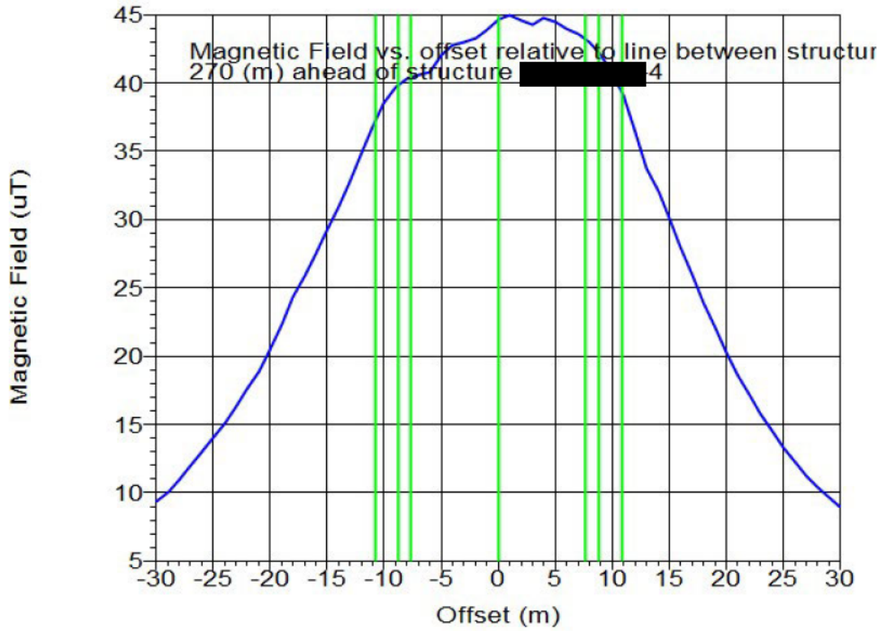
249266.1	843787.6	51.5	25.647	15.523	31.2	29.979	19.2	23.856	0.781	1.228	57.5	1.455	23.2	0.810	1.805	65.8	1.978
249265.4	843786.9	51.9	26.625	16.084	31.1	31.106	18.7	24.754	0.809	1.253	57.2	1.491	27.3	0.937	1.926	64.0	2.142
249264.7	843786.2	52.2	27.187	16.406	31.1	31.754	18.5	25.269	0.817	1.271	57.3	1.511	27.2	0.971	1.889	62.8	2.124
249264.0	843785.5	52.5	27.738	16.720	31.1	32.388	18.2	25.773	0.824	1.289	57.4	1.530	27.1	1.003	1.847	61.5	2.102
249263.3	843784.8	52.8	28.495	17.152	31.0	33.259	17.9	26.467	0.842	1.309	57.3	1.556	29.0	1.081	1.878	60.1	2.167
249262.6	843784.0	53.2	29.465	17.704	31.0	34.375	17.5	27.355	0.872	1.332	56.8	1.592	32.9	1.203	1.982	58.7	2.319
249261.9	843783.3	53.5	30.202	18.122	31.0	35.222	17.2	28.029	0.891	1.350	56.6	1.617	34.7	1.277	2.005	57.5	2.377
249261.2	843782.6	53.8	30.673	18.389	30.9	35.763	17.0	28.459	0.894	1.363	56.7	1.630	34.1	1.298	1.940	56.2	2.334
249260.5	843781.9	54.1	31.673	18.955	30.9	36.912	16.6	29.374	0.930	1.383	56.1	1.667	38.4	1.426	2.056	55.3	2.502
249259.8	843781.2	54.4	32.272	19.294	30.9	37.600	16.3	29.921	0.942	1.396	56.0	1.685	39.2	1.476	2.040	54.1	2.518
249259.1	843780.5	54.7	32.861	19.626	30.8	38.276	16.0	30.459	0.954	1.409	55.9	1.701	40.1	1.526	2.026	53.0	2.536
249258.4	843779.7	54.9	33.363	19.909	30.8	38.852	15.8	30.917	0.960	1.419	55.9	1.713	40.2	1.563	1.989	51.8	2.529
249257.7	843779.0	55.0	33.308	19.878	30.8	38.789	15.9	30.867	0.930	1.420	56.8	1.698	35.6	1.499	1.777	49.8	2.325
249257.1	843778.3	55.1	33.166	19.798	30.8	38.626	15.9	30.738	0.897	1.421	57.7	1.680	30.2	1.423	1.541	47.3	2.097
249256.4	843777.6	55.2	33.050	19.732	30.8	38.492	16.0	30.631	0.869	1.423	58.6	1.667	25.2	1.354	1.319	44.2	1.890
249255.7	843776.9	55.3	33.017	19.714	30.8	38.455	16.0	30.601	0.849	1.426	59.2	1.660	21.0	1.305	1.129	40.9	1.726
249255.0	843776.1	55.5	33.393	19.926	30.8	38.886	15.8	30.945	0.850	1.432	59.3	1.665	20.8	1.338	1.085	39.0	1.723
249254.3	843775.4	55.8	34.280	20.425	30.8	39.903	15.5	31.754	0.875	1.443	58.8	1.688	25.4	1.470	1.215	39.6	1.907
249253.6	843774.7	56.3	35.761	21.257	30.7	41.602	14.8	33.106	0.943	1.461	57.1	1.739	35.4	1.706	1.536	42.0	2.295
249252.9	843774.0	56.6	36.552	21.701	30.7	42.508	14.5	33.827	0.975	1.472	56.5	1.765	39.3	1.816	1.634	42.0	2.443
249252.2	843773.3	56.8	36.907	21.899	30.7	42.915	14.4	34.151	0.977	1.476	56.5	1.770	39.4	1.852	1.602	40.9	2.449
249251.5	843772.6	57.0	37.317	22.129	30.7	43.385	14.2	34.525	0.984	1.482	56.4	1.778	40.2	1.899	1.593	40.0	2.479
249250.8	843771.8	57.2	37.637	22.308	30.7	43.751	14.1	34.816	0.985	1.485	56.4	1.782	40.3	1.932	1.562	39.0	2.484
249250.1	843771.1	57.5	38.472	22.775	30.6	44.707	13.7	35.577	1.028	1.496	55.5	1.815	45.1	2.049	1.692	39.6	2.658
249249.4	843770.4	57.5	38.261	22.657	30.6	44.466	13.8	35.385	0.992	1.492	56.4	1.792	40.8	1.997	1.515	37.2	2.507
249248.7	843769.7	57.6	38.162	22.601	30.6	44.352	13.8	35.294	0.966	1.490	57.0	1.776	37.7	1.964	1.377	35.0	2.398
249248.0	843769.0	57.8	38.537	22.811	30.6	44.783	13.7	35.637	0.978	1.494	56.8	1.785	39.0	2.008	1.389	34.7	2.441
249247.3	843768.2	58.0	38.640	22.869	30.6	44.900	13.6	35.731	0.970	1.494	57.0	1.782	38.0	2.007	1.325	33.4	2.405
249246.6	843767.5	58.1	38.846	22.984	30.6	45.136	13.6	35.918	0.972	1.496	57.0	1.784	38.1	2.022	1.299	32.7	2.404
249245.9	843766.8	58.3	39.006	23.073	30.6	45.319	13.5	36.064	0.972	1.497	57.0	1.785	38.0	2.030	1.267	32.0	2.393
249245.2	843766.1	58.5	39.164	23.161	30.6	45.500	13.4	36.208	0.973	1.498	57.0	1.786	38.0	2.037	1.240	31.3	2.385
249244.5	843765.4	58.6	39.453	23.323	30.6	45.831	13.3	36.471	0.986	1.500	56.7	1.795	39.4	2.065	1.260	31.4	2.419
249243.8	843764.7	58.8	39.782	23.506	30.6	46.207	13.2	36.771	1.004	1.504	56.3	1.808	41.4	2.099	1.298	31.7	2.467
249243.1	843763.9	59.0	39.809	23.521	30.6	46.239	13.2	36.796	1.000	1.503	56.4	1.805	40.8	2.085	1.253	31.0	2.433
249242.4	843763.2	59.1	39.584	23.396	30.6	45.981	13.3	36.591	0.978	1.500	56.9	1.791	38.2	2.033	1.139	29.3	2.330
249241.7	843762.5	59.1	39.376	23.279	30.6	45.742	13.4	36.401	0.960	1.498	57.3	1.779	35.9	1.983	1.037	27.6	2.238
249241.0	843761.8	59.3	39.343	23.261	30.6	45.705	13.4	36.371	0.956	1.497	57.4	1.777	35.4	1.962	0.995	26.9	2.200
249240.3	843761.1	59.4	39.365	23.273	30.6	45.730	13.4	36.391	0.958	1.497	57.4	1.778	35.6	1.950	0.978	26.6	2.182
249239.7	843760.3	59.5	39.187	23.174	30.6	45.526	13.4	36.229	0.947	1.496	57.7	1.770	34.1	1.907	0.907	25.4	2.112
249239.0	843759.6	59.5	38.881	23.004	30.6	45.177	13.6	35.950	0.928	1.493	58.1	1.758	31.7	1.844	0.805	23.6	2.012
249238.3	843758.9	59.7	38.815	22.967	30.6	45.101	13.6	35.890	0.928	1.492	58.1	1.757	31.8	1.820	0.786	23.4	1.982
249237.6	843758.2	59.9	39.111	23.132	30.6	45.439	13.5	36.160	0.954	1.493	57.4	1.772	35.3	1.854	0.890	25.6	2.056
249236.9	843757.5	60.1	39.485	23.341	30.6	45.868	13.3	36.500	0.990	1.496	56.5	1.794	39.7	1.900	1.027	28.4	2.160
249236.2	843756.8	60.2	39.495	23.346	30.6	45.879	13.3	36.509	1.000	1.494	56.2	1.798	41.1	1.887	1.064	29.4	2.166
249235.5	843756.0	60.3	39.502	23.350	30.6	45.887	13.3	36.516	1.013	1.492	55.8	1.804	42.6	1.873	1.110	30.7	2.177
249234.8	843755.3	60.4	39.233	23.200	30.6	45.579	13.4	36.271	1.006	1.487	55.9	1.795	41.8	1.813	1.083	30.8	2.112
249234.1	843754.6	60.5	38.902	23.015	30.6	45.200	13.6	35.969	0.996	1.480	56.1	1.784	40.7	1.741	1.047	31.0	2.031
249233.4	843753.9	60.5	38.510	22.796	30.6	44.751	13.7	35.612	0.983	1.473	56.3	1.771	39.3	1.656	1.004	31.2	1.936
249232.7	843753.2	60.6	38.357	22.711	30.6	44.576	13.8	35.473	0.990	1.467	56.0	1.770	40.1	1.607	1.047	33.1	1.918
249232.0	843752.4	60.8	38.363	22.714	30.6	44.583	13.8	35.478	1.010	1.462	55.3	1.777	42.6	1.581	1.153	36.1	1.957
249231.3	843751.7	60.9	38.151	22.596	30.6	44.340	13.9	35.285	1.016	1.454	55.1	1.774	43.3	1.517	1.201	38.4	1.934
249230.6	843751.0	60.9	37.810	22.405	30.6	43.950	14.0	34.974	1.013	1.445	55.0	1.765	42.9	1.428	1.218	40.5	1.877
249229.9	843750.3	61.0	37.440	22.198	30.7	43.526	14.2	34.637	1.009	1.434	54.9	1.754	42.4	1.331	1.236	42.9	1.817
249229.2	843749.6	61.0	36.790	21.834	30.7	42.781	14.5	34.044	0.986	1.421	55.2	1.729	39.4	1.182	1.173	44.8	1.666
249228.5	843748.9	61.0	36.274	21.545	30.7	42.189	14.7	33.573	0.974	1.408	55.3	1.712	37.8	1.053	1.161	47.8	1.568
249227.8	843748.1	61.0	35.805	21.282	30.7	41.652	14.9	33.145	0.967	1.395	55.3	1.698	36.6	0.930	1.172	51.6	1.496
249227.1	843747.4	61.1	35.383	21.045	30.7	41.169	15.1	32.761	0.964	1.383	55.1	1.685	36.0	0.814	1.206	56.0	1.455
249226.4	843746.7	61.1	34.972	20.814	30.8	40.697	15.2	32.386	0.961	1.370	54.9	1.673	35.5	0.699	1.250	60.8	1.432
249225.7	843746.0	61.2	34.861	20.752	30.8	40.570	15.3	32.285	0.978	1.360	54.3	1.675	37.9	0.642	1.400	65.4	1.541
249225.0	843745.3	61.4	34.861	20.751	30.8	40.570	15.3	32.284	1.003	1.351	53.4	1.683	41.4	0.610	1.592	69.0	1.705
249224.3	843744.5	61.4	34.570	20.588	30.8	40.236	15.4	32.018	1.009	1.339	53.0	1.677	42.2	0.523	1.691	72.8	1.770
249223.6	843743.8	61.5	34.038	20.289	30.8	39.626	15.6	31.534	0.998	1.324	53.0	1.658	40.9	0.391	1.713	77.1	1.757
249222.9	843743.1	61.5	33.524	19.999	30.8	39.036	15.9	31.064	0.989	1.308	52.9	1.640	39.7	0.264	1.743	81.4	1.763
249222.3	843742.4	61.5	33.091	19.755	30.8	38.539	16.0	30.668	0.984	1.294	52.7	1.626	39.3	0.156	1.801	85.1	1.807
249221.6	843741.7	61.6	32.853	19.621	30.8	38.266	16.1	30.451	0.992	1.282	52.3	1.621	40.8	0.092	1.924	87.3	1.927
249220.9	843741.0	61.7	32.611	19.484	30.9	37.988	16.3	30.230	1.000	1.271	51.8	1.617	42.3	0.031	2.046	89.1	2.046
249220.2	843740.2	61.8	32.520	19.433	30.9	37.884	16.3	30.147	1.016	1.262	51.1	1.620	45.2	0.006	2.216	89.8	2.216
249219.5	843739.5	61.8	32.014	19.147	30.9	37.303	16.5	29.685	1.005	1.246	51.1	1.601	44.1	-0.104	2.245	-87.4	2.247
249218.8	843738.8	61.7	31.214	18.694	30.9	36.383	16.8	28.953	0.975	1.226	51.5	1.567	40.1	-0.277	2.170	-82.7	2.188
249218.1	843738.1	61.7	30.556	18.323	30.9	35.629	17.1	28.352	0.954	1.210	51.7	1.541	37.2	-0.429	2.093	-78.4	2.137
249217.4	843737.4	61.7	30.130	18.081	31.0	35.139	17.3	27.962	0.947	1.196	51.6	1.526	36.7	-0.515	2.133	-76.4	2.194
249216.7	843736.6	61.7	29.459	17.699	31.0	34.367	17.6	27.348	0.925	1.179	51.9	1.499	33.6	-0.657	2.080	-72.5	2.181
249216.0	843735.9	61.6	28.596	17.208	31.0	33.375	18.0	26.559	0.895	1.160	52.4	1.465	28.4	-0.848	1.948	-66.5	2.125
249215.3	843735.2	61.5	27.918	16.822	31.1	32.594	18.3	25.938	0.875	1.144	52.6	1.441	24.9	-0.995	1.871	-62.0	2.119
249214.6	843734.5	61.5	27.407	16.530	31.1	32.006	18.5	25.469	0.862	1.132	52.7	1.423	22.8	-1.101	1.843	-59.1	2.147
249213.9	843733.8	61.6	27.055	16.328	31.1	31.600	18.6	25.147	0.856	1.123	52.7	1.411	22.3	-1.166	1.863	-57.9	2.198
249213.2	843733.1	61.6	26.746	16.151	31.1	31.245	18.8	24.864	0.850	1.115	52.7	1.402	22.0	-1.222	1.887	-57.1	2.248
249212.5	843732.3	61.6	26.299	15.895	31.1	30.729	19.0	24.454	0.838	1.106	52.8	1.388	19.9	-1.316	1.848	-54.5	2.269
249211.8	843731.6	61.6	25.792	15.604	31.2	30.145	19.2	23.989	0.826	1.098	53.0	1.374	17.0	-1.431	1.773	-51.1	2.278
249211.1	843730.9	61.6	25.296	15.319	31.2	29.573	19.4	23.533	0.815	1.091	53.2	1.361	13.9	-1.548	1.687	-47.5	2.290
249210.4	843730.2	61.6	24.975	15.134	31.2	29.202	19.5	23.238	0.809	1.087	53.4	1.355	12.4	-1.624	1.655	-45.5	2.318
249209.7	843729.5	61.7	24.743	15.000	31.2	28.935	19.6	23.026	0.805	1.086	53.4	1.352	11.6	-1.681	1.644	-44.4	2.352
249209.0	843728.8	61.8	24.528	14.877	31.2	28.687	19.7	22.828	0.802	1.086	53.5	1.350	10.6	-1.741	1.628	-43.1	2.383
249208.3	843728.0	61.9	24.490	14.855	31.2	28.643	19.8	22.794	0.803	1.088	53.6	1.353	11.1	-1.759	1.668	-43.5	2.424
249207.6	843727.3	62.1	24.542	14.885	31.2	28.703	19.7	22.841	0.806	1.093	53.6	1.358	12.2	-1.760	1.733	-44.5	2.470
249206.9	843726.6	62.3	24.592	14.913	31.2	28.761	19.7	22.887	0.810	1.098	53.6	1.365	12.9	-1.772	1.785	-45.2	2.515
249206.2	843725.9	62.5	24.641	14.941	31.2	28.817	19.7	22.932	0.814	1.105	53.6	1.372	13.4	-1.793	1.825	-45.5	2.558

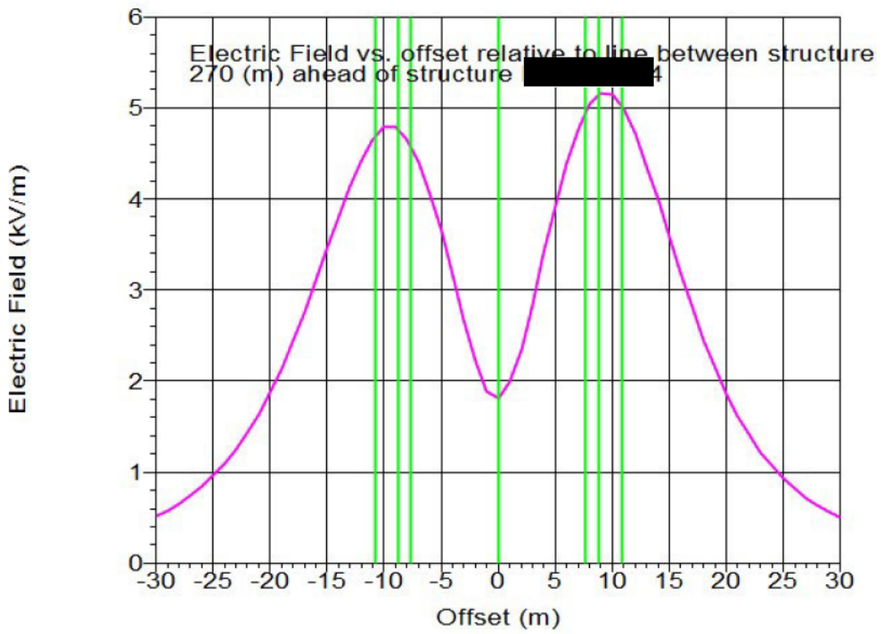
249205.6	843725.2	62.7	24.718	14.986	31.2	28.906	19.7	23.003	0.819	1.112	53.6	1.381	13.9	-1.815	1.868	-45.8	2.605
249204.9	843724.4	62.8	24.725	14.990	31.2	28.914	19.7	23.009	0.823	1.119	53.7	1.389	13.4	-1.867	1.874	-45.1	2.645
249204.2	843723.7	63.1	25.117	15.215	31.2	29.366	19.5	23.369	0.838	1.130	53.4	1.406	16.5	-1.823	2.023	-48.0	2.723
249203.5	843723.0	63.4	25.433	15.397	31.2	29.731	19.4	23.659	0.852	1.140	53.2	1.423	18.8	-1.809	2.136	-49.7	2.799
249202.8	843722.3	63.6	25.571	15.476	31.2	29.890	19.3	23.785	0.861	1.149	53.1	1.436	19.0	-1.852	2.174	-49.6	2.856
249202.1	843721.6	63.8	25.630	15.510	31.2	29.958	19.3	23.840	0.868	1.156	53.1	1.446	18.3	-1.924	2.179	-48.6	2.907
249201.4	843720.9	64.0	25.835	15.628	31.2	30.194	19.2	24.028	0.880	1.165	52.9	1.460	19.0	-1.964	2.238	-48.7	2.977
249200.7	843720.1	64.4	26.280	15.883	31.1	30.707	19.0	24.436	0.901	1.176	52.5	1.481	22.0	-1.946	2.386	-50.8	3.079
249200.0	843719.4	64.7	26.732	16.142	31.1	31.228	18.8	24.850	0.923	1.186	52.1	1.503	25.0	-1.931	2.536	-52.7	3.187
249199.3	843718.7	65.0	27.194	16.407	31.1	31.760	18.6	25.274	0.948	1.197	51.6	1.527	28.1	-1.916	2.689	-54.5	3.302
249198.6	843718.0	65.3	27.640	16.662	31.1	32.274	18.4	25.683	0.972	1.207	51.1	1.549	31.0	-1.907	2.838	-56.1	3.419
249197.9	843717.3	65.5	27.860	16.787	31.1	32.527	18.3	25.884	0.986	1.213	50.9	1.563	31.8	-1.958	2.908	-56.0	3.506
249197.2	843716.5	65.8	28.073	16.909	31.1	32.771	18.2	26.079	1.000	1.218	50.6	1.575	32.6	-2.008	2.980	-56.0	3.594
249196.5	843715.8	66.0	28.282	17.028	31.1	33.013	18.2	26.271	1.013	1.222	50.3	1.587	33.6	-2.056	3.058	-56.1	3.685
249195.8	843715.1	66.2	28.492	17.148	31.0	33.254	18.1	26.463	1.026	1.225	50.0	1.598	34.7	-2.099	3.142	-56.3	3.778
249195.1	843714.4	66.5	28.758	17.300	31.0	33.560	18.0	26.706	1.043	1.228	49.7	1.611	36.4	-2.120	3.253	-56.9	3.883
249194.4	843713.7	66.7	29.004	17.440	31.0	33.844	17.8	26.932	1.058	1.230	49.3	1.623	38.2	-2.138	3.366	-57.6	3.987
249193.7	843713.0	67.0	29.262	17.586	31.0	34.140	17.7	27.168	1.074	1.232	48.9	1.635	40.3	-2.144	3.490	-58.4	4.097
249193.0	843712.2	67.2	29.576	17.765	31.0	34.501	17.6	27.455	1.095	1.233	48.4	1.649	43.2	-2.126	3.643	-59.7	4.218
249192.3	843711.5	67.4	29.654	17.809	31.0	34.591	17.6	27.527	1.102	1.230	48.1	1.651	44.1	-2.160	3.725	-59.9	4.306
249191.6	843710.8	67.6	29.732	17.854	31.0	34.681	17.5	27.598	1.109	1.226	47.9	1.653	45.3	-2.185	3.817	-60.2	4.398
249190.9	843710.1	67.9	30.170	18.103	31.0	35.184	17.4	27.999	1.140	1.227	47.1	1.675	50.0	-2.103	4.038	-62.5	4.552
249190.2	843709.4	68.2	30.397	18.231	31.0	35.445	17.3	28.206	1.159	1.225	46.6	1.686	52.9	-2.068	4.196	-63.8	4.678
249189.5	843708.6	68.3	30.376	18.219	31.0	35.421	17.3	28.187	1.162	1.217	46.3	1.682	53.9	-2.089	4.283	-64.0	4.765
249188.8	843707.9	68.5	30.289	18.170	31.0	35.320	17.3	28.107	1.162	1.206	46.1	1.675	54.4	-2.119	4.358	-64.1	4.846
249188.2	843707.2	68.5	29.648	17.805	31.0	34.583	17.6	27.521	1.127	1.184	46.4	1.634	50.3	-2.292	4.262	-61.7	4.839
249187.5	843706.5	68.6	29.275	17.594	31.0	34.155	17.7	27.180	1.110	1.166	46.4	1.610	48.6	-2.387	4.261	-60.7	4.884
249186.8	843705.8	68.7	29.112	17.501	31.0	33.967	17.8	27.030	1.108	1.152	46.1	1.598	48.9	-2.419	4.334	-60.8	4.964
249186.1	843705.1	68.8	28.873	17.365	31.0	33.692	17.9	26.812	1.101	1.137	45.9	1.583	48.7	-2.467	4.389	-60.7	5.035
249185.4	843704.3	68.9	28.645	17.235	31.0	33.430	18.0	26.603	1.095	1.122	45.7	1.568	48.7	-2.509	4.452	-60.6	5.111
249184.7	843703.6	69.0	28.319	17.049	31.0	33.055	18.2	26.305	1.085	1.104	45.5	1.548	47.8	-2.576	4.488	-60.1	5.175
249184.0	843702.9	69.0	27.744	16.720	31.1	32.393	18.4	25.778	1.060	1.081	45.5	1.514	44.5	-2.714	4.444	-58.6	5.207
249183.3	843702.2	69.0	27.236	16.430	31.1	31.807	18.6	25.312	1.041	1.059	45.5	1.485	41.9	-2.835	4.422	-57.3	5.253
249182.6	843701.5	69.1	26.777	16.167	31.1	31.279	18.8	24.891	1.026	1.039	45.4	1.461	39.7	-2.942	4.417	-56.3	5.307
249181.9	843700.7	69.1	26.287	15.886	31.1	30.715	19.0	24.442	1.011	1.019	45.2	1.435	37.1	-3.061	4.400	-55.2	5.360
249181.2	843700.0	69.0	25.560	15.469	31.2	29.877	19.3	23.775	0.986	0.994	45.2	1.401	32.1	-3.258	4.300	-52.8	5.395
249180.5	843699.3	68.9	24.709	14.979	31.2	28.895	19.7	22.994	0.962	0.968	45.2	1.365	25.6	-3.504	4.149	-49.8	5.431
249179.8	843698.6	68.8	24.047	14.597	31.3	28.130	20.0	22.385	0.948	0.947	45.0	1.340	21.0	-3.696	4.057	-47.7	5.488
249179.1	843697.9	68.9	23.563	14.317	31.3	27.571	20.2	21.941	0.943	0.930	44.6	1.324	18.2	-3.830	4.022	-46.4	5.554
249178.4	843697.2	68.8	23.028	14.007	31.3	26.953	20.4	21.448	0.939	0.913	44.2	1.309	15.0	-3.986	3.960	-44.8	5.619
249177.7	843696.4	68.9	22.679	13.805	31.3	26.550	20.6	21.128	0.938	0.900	43.8	1.300	13.9	-4.074	3.959	-44.2	5.681
249177.0	843695.7	69.0	22.403	13.644	31.3	26.231	20.7	20.874	0.939	0.889	43.4	1.293	13.5	-4.133	3.975	-43.9	5.735
249176.3	843695.0	69.0	22.128	13.484	31.4	25.913	20.8	20.621	0.940	0.880	43.1	1.287	13.4	-4.189	3.982	-43.6	5.779
249175.6	843694.3	69.1	21.740	13.259	31.4	25.464	21.0	20.264	0.940	0.870	42.8	1.281	12.6	-4.284	3.938	-42.6	5.819
249174.9	843693.6	69.1	21.364	13.040	31.4	25.029	21.1	19.917	0.941	0.861	42.5	1.275	12.3	-4.371	3.887	-41.6	5.849
249174.2	843692.8	69.1	21.040	12.851	31.4	24.654	21.3	19.619	0.941	0.854	42.2	1.271	12.8	-4.431	3.844	-40.9	5.866
249173.5	843692.1	69.2	20.637	12.616	31.4	24.188	21.5	19.248	0.943	0.848	42.0	1.268	13.5	-4.517	3.760	-39.8	5.877
249172.8	843691.4	69.2	20.382	12.466	31.5	23.892	21.6	19.013	0.942	0.845	41.9	1.265	14.7	-4.533	3.720	-39.4	5.865
249172.1	843690.7	69.4	20.259	12.395	31.5	23.750	21.6	18.900	0.938	0.844	42.0	1.262	15.8	-4.482	3.721	-39.7	5.825
249171.4	843690.0	69.5	20.211	12.366	31.5	23.695	21.6	18.855	0.932	0.845	42.2	1.258	17.0	-4.386	3.740	-40.5	5.764
249170.8	843689.3	69.7	20.166	12.340	31.5	23.642	21.7	18.813	0.925	0.848	42.5	1.255	18.2	-4.277	3.750	-41.2	5.688
249170.1	843688.5	69.8	19.834	12.145	31.5	23.257	21.8	18.507	0.920	0.847	42.6	1.251	19.1	-4.282	3.638	-40.3	5.619
249169.4	843687.8	69.8	19.532	11.968	31.5	22.907	21.9	18.229	0.914	0.848	42.9	1.247	20.2	-4.264	3.527	-39.6	5.534
249168.7	843687.1	70.0	19.510	11.955	31.5	22.881	22.0	18.208	0.902	0.853	43.4	1.241	21.2	-4.108	3.519	-40.6	5.409
249168.0	843686.4	70.2	19.486	11.941	31.5	22.854	22.0	18.187	0.889	0.858	44.0	1.236	22.3	-3.943	3.502	-41.6	5.274
249167.3	843685.7	70.4	19.443	11.916	31.5	22.804	22.0	18.147	0.876	0.864	44.6	1.230	23.3	-3.775	3.471	-42.6	5.129
249166.6	843684.9	70.6	19.535	11.970	31.5	22.911	21.9	18.232	0.862	0.871	45.3	1.225	24.9	-3.541	3.489	-44.6	4.971
249165.9	843684.2	70.9	19.698	12.065	31.5	23.099	21.9	18.382	0.849	0.880	46.0	1.223	27.1	-3.271	3.530	-47.2	4.812
249165.2	843683.5	71.2	19.861	12.161	31.5	23.288	21.8	18.532	0.839	0.889	46.7	1.223	29.7	-2.998	3.567	-50.0	4.659
249164.5	843682.8	71.3	19.790	12.119	31.5	23.206	21.8	18.467	0.826	0.895	47.3	1.218	30.8	-2.816	3.506	-51.2	4.497
249163.8	843682.1	71.4	19.506	11.953	31.5	22.877	22.0	18.205	0.807	0.898	48.0	1.207	30.3	-2.715	3.356	-51.0	4.316
249163.1	843681.4	71.4	19.115	11.723	31.5	22.424	22.1	17.844	0.787	0.899	48.8	1.194	29.1	-2.651	3.155	-50.0	4.121
249162.4	843680.6	71.5	18.882	11.586	31.5	22.154	22.2	17.629	0.768	0.902	49.6	1.185	28.7	-2.522	3.016	-50.1	3.932
249161.7	843679.9	71.6	18.786	11.529	31.5	22.042	22.3	17.540	0.752	0.907	50.3	1.178	29.1	-2.338	2.935	-51.5	3.753
249161.0	843679.2	71.8	18.647	11.448	31.5	21.881	22.3	17.412	0.736	0.911	51.1	1.171	29.1	-2.172	2.835	-52.5	3.571
249160.3	843678.5	72.0	18.610	11.426	31.5	21.838	22.4	17.378	0.723	0.915	51.7	1.166	29.7	-1.969	2.780	-54.7	3.407
249159.6	843677.8	72.1	18.575	11.405	31.6	21.797	22.4	17.346	0.710	0.920	52.3	1.162	30.3	-1.769	2.729	-57.0	3.253
249158.9	843677.0	72.3	18.541	11.385	31.6	21.757	22.4	17.314	0.700	0.924	52.9	1.159	31.0	-1.575	2.681	-59.6	3.109
249158.2	843676.3	72.5	18.505	11.364	31.6	21.716	22.4	17.281	0.690	0.927	53.3	1.156	31.7	-1.388	2.635	-62.2	2.978
249157.5	843675.6	72.7	18.468	11.342	31.6	21.673	22.4	17.247	0.682	0.930	53.7	1.153	32.4	-1.208	2.593	-65.0	2.861
249156.8	843674.9	73.0	18.724	11.493	31.5	21.970	22.3	17.483	0.690	0.936	53.6	1.162	36.3	-0.937	2.690	-70.8	2.849
249156.1	843674.2	73.3	18.741	11.503	31.5	21.989	22.3	17.498	0.688	0.938	53.7	1.163	37.8	-0.757	2.683	-74.2	2.787
249155.4	843673.5	73.5	18.722	11.492	31.5	21.968	22.3	17.481	0.686	0.939	53.9	1.163	39.0	-0.596	2.664	-77.4	2.730
249154.7	843672.7	73.6	18.575	11.405	31.6	21.797	22.4	17.345	0.677	0.938	54.2	1.157	38.9	-0.483	2.592	-79.4	2.637
249154.1	843672.0	73.7	18.400	11.302	31.6	21.594	22.5	17.184	0.667	0.936	54.5	1.149	38.4	-0.386	2.512	-81.3	2.542
249153.4	843671.3	73.8	18.222	11.197	31.6	21.387	22.5	17.019	0.657	0.933	54.8	1.141	37.9	-0.297	2.435	-83.0	2.453
249152.7	843670.6	73.9	17.924	11.022	31.6	21.042	22.7	16.745	0.641	0.928	55.4	1.128	36.1	-0.252	2.306	-83.8	2.320
249152.0	843669.9	73.9	17.625	10.845	31.6	20.694	22.8	16.468	0.625	0.923	55.9	1.114	34.2	-0.214	2.179	-84.4	2.189
249151.3	843669.1	74.0	17.390	10.706	31.6	20.421	22.9	16.251	0.614	0.917	56.2	1.104	33.0	-0.163	2.088	-85.5	2.094
249150.6	843668.4	74.2	17.261	10.630	31.6	20.271	23.0	16.131	0.609	0.913	56.3	1.098	33.2	-0.084	2.055	-87.7	2.057
249149.9	843667.7	74.3	17.153	10.566	31.6	20.146	23.0	16.032	0.607	0.908	56.3	1.092	33.7	-0.005	2.040	-89.9	2.040
249149.2	843667.0	74.4	16.896	10.414	31.6	19.847	23.1	15.794	0.595	0.902	56.6	1.081	32.4	0.021	1.953	89.4	1.953
249148.5	843666.3	74.4	16.596	10.236	31.7	19.499	23.3	15.516	0.582	0.894	56.9	1.067	30.5	0.028	1.848	89.1	1.848
249147.8	843665.6	74.5	16.302	10.062	31.7	19.157	23.4	15.245	0.570	0.886	57.3	1.053	28.7	0.031	1.749	89.0	1.750
249147.1	843664.8	74.5	16.039	9.905	31.7	18.851	23.5	15.002	0.559	0.878	57.5	1.041	27.4	0.038	1.671	88.7	1.672
249146.4	843664.1	74.6	15.835	9.784	31.7	18.614	23.6	14.812	0.553	0.870	57.6	1.031	26.8	0.059	1.629	87.9	1.631
249145.7	843663.4	74.8	15.790	9.757	31.7	18.561	23.6	14.771	0.556	0.864	57.2	1.027	28.5	0.128	1.680	85.7	1.685

249145.0	843662.7	75.0	15.705	9.707	31.7	18.463	23.7	14.692	0.556	0.856	57.0	1.021	29.7	0.179	1.713	84.0	1.723
249144.3	843662.0	75.1	15.606	9.648	31.7	18.348	23.7	14.601	0.557	0.849	56.7	1.015	30.7	0.222	1.743	82.7	1.758
249143.6	843661.3	75.2	15.410	9.531	31.7	18.119	23.8	14.419	0.551	0.839	56.7	1.004	30.4	0.229	1.724	82.4	1.739
249142.9	843660.5	75.2	15.099	9.346	31.8	17.757	23.9	14.131	0.540	0.829	56.9	0.989	28.5	0.195	1.643	83.2	1.655
249142.2	843659.8	75.3	14.898	9.226	31.8	17.523	24.0	13.944	0.535	0.819	56.9	0.978	28.2	0.193	1.627	83.2	1.638
249141.5	843659.1	75.4	14.688	9.100	31.8	17.279	24.1	13.750	0.529	0.809	56.8	0.967	27.7	0.184	1.608	83.5	1.619
249140.8	843658.4	75.5	14.481	8.977	31.8	17.038	24.2	13.558	0.524	0.799	56.7	0.955	27.3	0.174	1.594	83.8	1.603
249140.1	843657.7	75.5	14.196	8.806	31.8	16.705	24.4	13.294	0.515	0.788	56.8	0.941	25.7	0.132	1.536	85.1	1.541
249139.4	843656.9	75.5	13.977	8.675	31.8	16.451	24.5	13.091	0.509	0.777	56.8	0.929	25.1	0.110	1.517	85.8	1.521
249138.7	843656.2	75.6	13.749	8.539	31.8	16.185	24.6	12.880	0.503	0.766	56.7	0.917	24.3	0.082	1.495	86.9	1.497
249138.0	843655.5	75.6	13.502	8.390	31.9	15.896	24.7	12.650	0.497	0.755	56.7	0.904	23.2	0.043	1.461	88.3	1.461
249137.3	843654.8	75.6	13.250	8.239	31.9	15.603	24.8	12.417	0.490	0.744	56.6	0.891	21.9	-0.001	1.424	-90.0	1.424
249136.7	843654.1	75.7	13.004	8.091	31.9	15.316	24.9	12.188	0.484	0.733	56.6	0.878	20.7	-0.046	1.391	-88.1	1.392
249136.0	843653.4	75.7	12.807	7.973	31.9	15.087	25.0	12.005	0.480	0.723	56.4	0.868	20.3	-0.075	1.387	-86.9	1.389
249135.3	843652.6	75.9	12.689	7.902	31.9	14.948	25.1	11.895	0.480	0.713	56.1	0.859	21.1	-0.077	1.431	-86.9	1.433
249134.6	843651.9	75.9	12.494	7.785	31.9	14.721	25.2	11.715	0.476	0.703	55.9	0.849	20.6	-0.110	1.427	-85.6	1.431
249133.9	843651.2	75.9	12.246	7.636	31.9	14.431	25.3	11.484	0.470	0.692	55.8	0.836	19.1	-0.167	1.387	-83.1	1.397
249133.2	843650.5	75.9	12.004	7.490	32.0	14.149	25.4	11.259	0.465	0.681	55.7	0.825	17.6	-0.224	1.349	-80.6	1.368
249132.5	843649.8	75.9	11.769	7.348	32.0	13.874	25.6	11.041	0.460	0.671	55.6	0.814	16.1	-0.282	1.312	-77.9	1.342
249131.8	843649.0	76.0	11.611	7.253	32.0	13.690	25.6	10.894	0.458	0.662	55.3	0.805	16.0	-0.310	1.323	-76.8	1.359
249131.1	843648.3	76.1	11.463	7.164	32.0	13.517	25.7	10.757	0.455	0.653	55.1	0.796	15.9	-0.335	1.337	-76.0	1.379
249130.4	843647.6	76.2	11.318	7.076	32.0	13.348	25.8	10.622	0.453	0.645	54.9	0.788	15.8	-0.360	1.351	-75.1	1.398
249129.7	843646.9	76.3	11.176	6.991	32.0	13.183	25.9	10.490	0.451	0.637	54.7	0.780	15.7	-0.385	1.363	-74.2	1.417
249129.0	843646.2	76.4	11.053	6.917	32.0	13.039	26.0	10.376	0.450	0.629	54.4	0.773	15.9	-0.403	1.385	-73.8	1.442
249128.3	843645.5	76.4	10.885	6.816	32.1	12.843	26.1	10.220	0.447	0.621	54.3	0.765	15.2	-0.442	1.373	-72.1	1.442
249127.6	843644.7	76.5	10.718	6.715	32.1	12.648	26.2	10.065	0.443	0.614	54.1	0.757	14.3	-0.483	1.358	-70.4	1.441
249126.9	843644.0	76.5	10.556	6.617	32.1	12.458	26.3	9.914	0.441	0.606	54.0	0.750	13.5	-0.523	1.342	-68.7	1.441
249126.2	843643.3	76.6	10.433	6.543	32.1	12.315	26.4	9.800	0.438	0.600	53.8	0.743	13.3	-0.547	1.348	-67.9	1.455
249125.5	843642.6	76.7	10.319	6.475	32.1	12.182	26.5	9.694	0.436	0.594	53.7	0.737	13.2	-0.567	1.357	-67.3	1.471
249124.8	843641.9	76.8	10.209	6.409	32.1	12.054	26.5	9.592	0.435	0.589	53.6	0.732	13.1	-0.586	1.364	-66.7	1.485
249124.1	843641.1	76.9	10.115	6.352	32.1	11.944	26.6	9.505	0.433	0.584	53.4	0.727	13.2	-0.599	1.378	-66.5	1.502
249123.4	843640.4	77.0	10.019	6.295	32.1	11.833	26.7	9.416	0.431	0.579	53.3	0.722	13.2	-0.614	1.386	-66.1	1.516
249122.7	843639.7	77.1	9.943	6.250	32.2	11.744	26.8	9.346	0.430	0.575	53.2	0.718	13.5	-0.621	1.403	-66.1	1.535
249122.0	843639.0	77.2	9.898	6.224	32.2	11.692	26.9	9.304	0.429	0.571	53.1	0.714	14.3	-0.614	1.438	-66.9	1.563
249121.3	843638.3	77.4	9.848	6.195	32.2	11.635	26.9	9.259	0.428	0.568	53.0	0.711	14.8	-0.610	1.465	-67.4	1.587
249120.6	843637.6	77.5	9.783	6.156	32.2	11.559	27.0	9.199	0.427	0.565	52.9	0.708	15.0	-0.616	1.476	-67.3	1.600
249119.9	843636.8	77.6	9.736	6.129	32.2	11.504	27.1	9.155	0.426	0.563	52.9	0.706	15.3	-0.615	1.496	-67.6	1.617
249119.3	843636.1	77.8	9.762	6.147	32.2	11.536	27.1	9.180	0.427	0.562	52.7	0.706	17.1	-0.578	1.562	-69.7	1.666
249118.6	843635.4	78.0	9.792	6.166	32.2	11.572	27.1	9.208	0.429	0.561	52.6	0.706	18.7	-0.542	1.625	-71.5	1.713
249117.9	843634.7	78.1	9.763	6.150	32.2	11.539	27.2	9.182	0.429	0.560	52.5	0.705	19.1	-0.538	1.644	-71.9	1.730
249117.2	843634.0	78.3	9.733	6.132	32.2	11.504	27.2	9.154	0.429	0.559	52.5	0.704	19.2	-0.538	1.656	-72.0	1.741
249116.5	843633.2	78.4	9.719	6.125	32.2	11.488	27.3	9.142	0.429	0.558	52.5	0.704	19.6	-0.532	1.675	-72.4	1.757
249115.8	843632.5	78.6	9.788	6.168	32.2	11.570	27.3	9.207	0.432	0.560	52.3	0.707	21.4	-0.486	1.746	-74.4	1.813
249115.1	843631.8	78.8	9.811	6.183	32.2	11.597	27.3	9.229	0.434	0.560	52.2	0.709	22.2	-0.467	1.781	-75.3	1.841
249114.4	843631.1	79.0	9.885	6.229	32.2	11.684	27.3	9.298	0.438	0.562	52.1	0.713	23.8	-0.425	1.845	-77.0	1.894

Max EF along centerline is 1.815 (kV/m) at 270.000 (m) from structure [redacted]-4

Cross section results at max EF along centerline between structures [redacted]-4 and [redacted]-5





3D EMF Point Results Span from [redacted]-4 to [redacted]-5:

Measurement			B					H	EF					Space Potential				
X (m)	Y (m)	Z (m)	Real (uT)	Imaginary (uT)	Angle (deg)	Magnitude (uT)	Polarization Axial Ratio %	Magnitude (A/m)	Real (kV/m)	Imaginary (kV/m)	Angle (deg)	Magnitude (kV/m)	Polarization Axial Ratio %	Real (kV)	Imaginary (kV)	Angle (deg)	Magnitude (kV)	
249271.6	843750.2	58.4	7.580	5.433	35.6	9.326	46.8	7.422	0.193	0.477	67.9	0.515	22.1	0.576	-1.087	-62.1	1.230	
249270.9	843750.9	58.5	8.245	5.810	35.2	10.087	46.8	8.027	0.250	0.524	64.4	0.580	22.0	0.737	-1.222	-58.9	1.427	
249270.2	843751.6	58.6	9.002	6.232	34.7	10.949	46.8	8.713	0.321	0.573	60.8	0.657	22.1	0.943	-1.391	-55.9	1.681	
249269.5	843752.3	58.8	9.878	6.709	34.2	11.941	46.8	9.503	0.407	0.626	57.0	0.747	22.6	1.213	-1.609	-53.0	2.015	
249268.8	843753.0	58.9	10.839	7.209	33.6	13.018	46.6	10.359	0.508	0.682	53.3	0.850	22.7	1.530	-1.814	-49.9	2.373	
249268.0	843753.7	58.8	11.779	7.652	33.0	14.046	46.0	11.178	0.624	0.737	49.7	0.966	21.3	1.815	-1.884	-46.1	2.616	
249267.3	843754.4	58.7	12.780	8.098	32.4	15.129	45.3	12.040	0.761	0.793	46.2	1.099	19.6	2.108	-1.913	-42.2	2.846	
249266.6	843755.1	58.5	13.869	8.561	31.7	16.299	44.5	12.970	0.923	0.848	42.6	1.254	18.0	2.419	-1.924	-38.5	3.091	
249265.9	843755.8	58.4	15.065	9.047	31.0	17.572	43.5	13.984	1.112	0.902	39.0	1.432	16.4	2.758	-1.926	-34.9	3.364	

249265.2	843756.5	58.3	16.340	9.538	30.3	18.920	42.3	15.056	1.331	0.952	35.6	1.636	14.7	3.096	-1.893	-31.4	3.629
249264.5	843757.2	58.2	17.788	10.081	29.5	20.446	41.1	16.271	1.583	0.997	32.2	1.871	13.4	3.513	-1.889	-28.3	3.988
249263.7	843757.9	58.2	19.556	10.737	28.8	22.310	39.9	17.754	1.874	1.038	29.0	2.142	12.7	4.155	-1.984	-25.5	4.604
249263.0	843758.6	58.2	21.457	11.401	28.0	24.298	38.5	19.336	2.199	1.069	25.9	2.445	11.8	4.836	-2.038	-22.9	5.248
249262.3	843759.3	58.1	23.039	11.887	27.3	25.925	36.8	20.631	2.543	1.084	23.1	2.765	9.9	5.103	-1.850	-19.9	5.428
249261.6	843760.0	57.9	24.624	12.361	26.7	27.553	35.0	21.926	2.909	1.085	20.5	3.105	8.2	5.270	-1.632	-17.2	5.517
249260.9	843760.7	57.7	26.258	12.850	26.1	29.234	33.2	23.264	3.287	1.070	18.0	3.457	6.8	5.398	-1.420	-14.7	5.582
249260.1	843761.4	57.6	27.980	13.376	25.6	31.012	31.4	24.679	3.664	1.040	15.8	3.809	5.7	5.551	-1.236	-12.6	5.687
249259.4	843762.1	57.5	29.686	13.913	25.1	32.785	29.5	26.089	4.018	0.992	13.9	4.139	4.8	5.656	-1.056	-10.6	5.754
249258.7	843762.8	57.5	31.738	14.588	24.7	34.930	27.7	27.796	4.337	0.930	12.1	4.436	4.3	6.108	-0.969	-9.0	6.184
249258.0	843763.5	57.5	33.525	15.218	24.4	36.818	25.9	29.299	4.579	0.849	10.5	4.657	3.9	6.324	-0.832	-7.5	6.378
249257.3	843764.2	57.5	35.126	15.849	24.3	38.536	24.1	30.666	4.724	0.751	9.0	4.783	3.6	6.426	-0.682	-6.1	6.462
249256.6	843764.9	57.4	36.179	16.389	24.4	39.717	22.4	31.606	4.743	0.636	7.6	4.785	3.3	6.127	-0.483	-4.5	6.146
249255.8	843765.5	57.3	36.662	16.837	24.7	40.344	20.9	32.105	4.629	0.502	6.2	4.656	3.1	5.469	-0.263	-2.8	5.475
249255.1	843766.2	57.1	36.765	17.244	25.1	40.608	19.6	32.315	4.392	0.352	4.6	4.406	3.0	4.663	-0.061	-0.7	4.663
249254.4	843766.9	57.0	36.743	17.682	25.7	40.777	18.4	32.449	4.049	0.197	2.8	4.054	3.1	3.946	0.103	1.5	3.947
249253.7	843767.6	57.1	37.745	18.563	26.2	42.063	17.1	33.472	3.641	0.180	2.8	3.646	4.9	4.120	0.243	3.4	4.128
249253.0	843768.3	57.2	38.162	19.341	26.9	42.784	16.0	34.046	3.155	0.341	6.2	3.174	7.5	3.893	0.433	6.3	3.917
249252.2	843769.0	57.2	38.050	19.997	27.7	42.985	15.3	34.206	2.613	0.568	12.3	2.674	11.3	3.381	0.630	10.6	3.440
249251.5	843769.7	57.2	38.020	20.758	28.6	43.317	14.6	34.471	2.053	0.841	22.3	2.218	18.8	2.939	0.870	16.5	3.065
249250.8	843770.4	57.3	38.121	21.658	29.6	43.844	14.1	34.890	1.503	1.151	37.4	1.893	31.7	2.514	1.198	25.5	2.785
249250.1	843771.1	57.5	38.472	22.775	30.6	44.707	13.7	35.577	1.028	1.496	55.5	1.815	45.1	2.049	1.692	39.6	2.658
249249.4	843771.8	57.5	38.258	23.646	31.7	44.975	13.7	35.790	0.697	1.862	69.5	1.988	37.3	1.403	2.120	56.5	2.542
249248.7	843772.5	57.4	37.445	24.147	32.8	44.556	14.2	35.456	0.708	2.241	72.5	2.350	22.7	0.777	2.335	71.6	2.461
249247.9	843773.2	57.4	36.771	24.701	33.9	44.298	14.8	35.251	1.074	2.632	67.8	2.843	14.1	0.227	2.598	85.0	2.608
249247.2	843773.9	57.5	36.642	25.637	35.0	44.720	15.5	35.587	1.546	3.027	62.9	3.399	10.1	-0.444	3.225	-82.2	3.256
249246.5	843774.6	57.5	35.967	26.126	36.0	44.455	16.5	35.376	1.978	3.388	59.7	3.923	7.1	-0.980	3.580	-74.7	3.711
249245.8	843775.3	57.5	35.167	26.450	36.9	44.004	17.6	35.017	2.367	3.698	57.4	4.391	5.3	-1.464	3.894	-69.4	4.161
249245.1	843776.0	57.6	34.436	26.770	37.9	43.617	19.0	34.710	2.701	3.937	55.5	4.774	4.4	-2.020	4.341	-65.0	4.788
249244.3	843776.7	57.7	33.561	26.889	38.7	43.004	20.4	34.222	2.960	4.079	54.0	5.040	4.0	-2.558	4.757	-61.7	5.401
249243.6	843777.4	57.7	32.486	26.731	39.4	42.070	22.0	33.479	3.134	4.108	52.7	5.167	3.9	-3.035	5.072	-59.1	5.910
249242.9	843778.1	57.8	31.178	26.237	40.1	40.749	23.8	32.427	3.220	4.020	51.3	5.151	4.0	-3.398	5.219	-56.9	6.227
249242.2	843778.8	57.9	29.706	25.458	40.6	39.123	25.7	31.133	3.225	3.824	49.9	5.002	4.4	-3.667	5.225	-54.9	6.383
249241.5	843779.5	57.7	27.484	23.718	40.8	36.304	27.6	28.889	3.142	3.515	48.2	4.715	4.3	-3.235	4.430	-53.9	5.486
249240.8	843780.2	57.6	25.489	22.100	40.9	33.736	29.6	26.846	3.012	3.157	46.3	4.364	4.4	-2.924	3.821	-52.6	4.811
249240.0	843780.9	57.8	24.152	21.130	41.2	32.090	31.5	25.537	2.855	2.790	44.3	3.992	5.5	-3.253	3.866	-49.9	5.052
249239.3	843781.6	57.9	22.612	19.833	41.3	30.077	33.3	23.935	2.665	2.406	42.1	3.591	6.4	-3.295	3.607	-47.6	4.885
249238.6	843782.3	57.9	21.049	18.426	41.2	27.974	35.1	22.261	2.460	2.032	39.6	3.190	7.4	-3.207	3.235	-45.2	4.556
249237.9	843782.9	57.9	19.529	16.998	41.0	25.890	36.8	20.603	2.250	1.682	36.8	2.809	8.3	-3.043	2.823	-42.9	4.151
249237.2	843783.6	58.0	18.105	15.628	40.8	23.917	38.4	19.032	2.043	1.366	33.8	2.458	9.3	-2.864	2.430	-40.3	3.756
249236.4	843784.3	58.0	16.755	14.304	40.5	22.031	39.8	17.531	1.843	1.089	30.6	2.141	10.2	-2.641	2.044	-37.7	3.340
249235.7	843785.0	58.0	15.511	13.075	40.1	20.286	41.1	16.143	1.655	0.851	27.2	1.861	11.1	-2.424	1.701	-35.1	2.961
249235.0	843785.7	58.0	14.366	11.940	39.7	18.681	42.2	14.866	1.480	0.650	23.7	1.617	12.0	-2.214	1.398	-32.3	2.619
249234.3	843786.4	58.0	13.316	10.901	39.3	17.209	43.2	13.695	1.319	0.485	20.2	1.405	13.0	-2.015	1.136	-29.4	2.313
249233.6	843787.1	58.0	12.319	9.919	38.8	15.815	44.0	12.586	1.171	0.351	16.7	1.222	13.6	-1.776	0.899	-26.8	1.990
249232.9	843787.8	57.9	11.379	9.002	38.3	14.510	44.6	11.546	1.036	0.244	13.2	1.065	13.9	-1.515	0.698	-24.7	1.668
249232.1	843788.5	57.7	10.508	8.163	37.8	13.306	45.0	10.588	0.915	0.164	10.2	0.929	14.0	-1.257	0.539	-23.2	1.368
249231.4	843789.2	57.6	9.718	7.416	37.3	12.225	45.4	9.728	0.805	0.117	8.3	0.814	14.0	-1.037	0.420	-22.1	1.119
249230.7	843789.9	57.5	9.017	6.763	36.9	11.272	45.6	8.970	0.708	0.106	8.5	0.715	14.4	-0.872	0.331	-20.8	0.933
249230.0	843790.6	57.5	8.405	6.202	36.4	10.445	45.9	8.312	0.620	0.119	10.9	0.632	15.2	-0.771	0.257	-18.4	0.813
249229.3	843791.3	57.5	7.842	5.694	36.0	9.691	46.0	7.712	0.542	0.138	14.3	0.559	16.0	-0.681	0.196	-16.0	0.708
249228.5	843792.0	57.5	7.325	5.235	35.6	9.003	46.1	7.165	0.473	0.155	18.2	0.498	16.9	-0.599	0.145	-13.6	0.616

Centerline results between structures [redacted]-5 and [redacted]-6R

3D EMF Point Results Centerline from [redacted]-5 to [redacted]-6R:

Measurement			B					H	EF					Space Potential				
X (m)	Y (m)	Z (m)	Real (uT)	Imaginary (uT)	Angle (deg)	Magnitude (uT)	Polarization Axial Ratio %	Magnitude (A/m)	Real (kV/m)	Imaginary (kV/m)	Angle (deg)	Magnitude (kV/m)	Polarization Axial Ratio %	Real (kV)	Imaginary (kV)	Angle (deg)	Magnitude (kV)	
249114.8	843631.6	78.8	9.821	6.190	32.2	11.609	27.3	9.238	0.435	0.561	52.2	0.710	22.5	-0.460	1.793	-75.6	1.851	
249114.1	843630.8	79.0	9.921	6.252	32.2	11.727	27.3	9.332	0.439	0.563	52.1	0.714	24.6	-0.407	1.874	-77.7	1.918	
249113.4	843630.1	79.3	10.095	6.360	32.2	11.932	27.2	9.495	0.447	0.568	51.8	0.722	27.9	-0.322	1.998	-80.8	2.024	
249112.7	843629.4	79.7	10.317	6.497	32.2	12.192	27.2	9.702	0.457	0.573	51.4	0.733	31.9	-0.220	2.147	-84.1	2.158	
249112.0	843628.7	79.8	10.366	6.527	32.2	12.250	27.1	9.748	0.460	0.576	51.4	0.737	32.5	-0.204	2.177	-84.6	2.187	
249111.3	843628.0	79.7	10.195	6.421	32.2	12.048	27.2	9.588	0.452	0.575	51.8	0.731	28.8	-0.295	2.061	-81.9	2.082	
249110.6	843627.3	79.6	10.115	6.371	32.2	11.954	27.2	9.512	0.449	0.576	52.1	0.730	26.7	-0.346	1.999	-80.2	2.028	
249109.9	843626.6	79.6	10.057	6.335	32.2	11.886	27.2	9.459	0.447	0.577	52.3	0.730	25.0	-0.389	1.947	-78.7	1.986	
249109.2	843625.8	79.7	10.079	6.347	32.2	11.911	27.2	9.478	0.448	0.580	52.4	0.733	24.6	-0.396	1.944	-78.5	1.984	
249108.5	843625.1	79.7	10.098	6.357	32.2	11.932	27.1	9.496	0.449	0.584	52.4	0.736	24.0	-0.407	1.936	-78.1	1.979	
249107.8	843624.4	79.8	10.120	6.369	32.2	11.957	27.1	9.515	0.450	0.587	52.5	0.739	23.4	-0.419	1.927	-77.7	1.972	
249107.1	843623.7	79.8	10.132	6.375	32.2	11.970	27.0	9.526	0.450	0.590	52.6	0.742	22.6	-0.438	1.908	-77.1	1.957	
249106.4	843623.0	79.8	10.129	6.372	32.2	11.966	27.0	9.522	0.450	0.593	52.8	0.745	21.3	-0.466	1.876	-76.1	1.933	
249105.7	843622.3	79.8	10.137	6.375	32.2	11.975	27.0	9.530	0.451	0.596	52.9	0.748	20.3	-0.489	1.849	-75.2	1.913	
249105.0	843621.6	79.8	10.151	6.382	32.2	11.990	26.9	9.542	0.452	0.600	53.0	0.751	19.2	-0.512	1.824	-74.3	1.894	
249104.3	843620.8	79.8	10.169	6.391	32.1	12.010	26.9	9.558	0.453	0.603	53.1	0.754	18.2	-0.533	1.799	-73.5	1.876	
249103.6	843620.1	79.8	10.190	6.403	32.1	12.035	26.8	9.577	0.454	0.607	53.2	0.758	17.3	-0.554	1.774	-72.7	1.859	
249102.9	843619.4	79.9	10.262	6.445	32.1	12.118	26.8	9.643	0.456	0.612	53.3	0.763	17.2	-0.551	1.781	-72.8	1.865	
249102.2	843618.7	79.9	10.351	6.498	32.1	12.222	26.7	9.726	0.459	0.616	53.3	0.768	17.4	-0.540	1.799	-73.3	1.878	
249101.5	843618.0	80.0	10.436	6.548	32.1	12.320	26.6	9.804	0.462	0.621	53.4	0.774	17.4	-0.533	1.811	-73.6	1.887	
249100.8	843617.3	80.0	10.466	6.565	32.1	12.355	26.6	9.832	0.463	0.625	53.5	0.777	16.5	-0.551	1.785	-72.8	1.868	
249100.1	843616.6	80.0	10.497	6.583	32.1	12.390	26.5	9.860	0.464	0.629	53.6	0.781	15.5	-0.569	1.759	-72.1	1.849	
249099.4	843615.8	80.0	10.530	6.602	32.1	12.428	26.5	9.890	0.465	0.633	53.7	0.785	14.6	-0.586	1.732	-71.3	1.829	

249098.7	843615.1	80.0	10.596	6.641	32.1	12.505	26.4	9.951	0.467	0.638	53.8	0.790	14.2	-0.587	1.726	-71.2	1.823
249098.0	843614.4	80.1	10.692	6.698	32.1	12.616	26.4	10.040	0.469	0.643	53.9	0.795	14.4	-0.574	1.738	-71.7	1.830
249097.3	843613.7	80.2	10.791	6.758	32.1	12.732	26.3	10.132	0.471	0.648	54.0	0.801	14.6	-0.559	1.751	-72.3	1.838
249096.6	843613.0	80.2	10.893	6.819	32.0	12.851	26.2	10.226	0.474	0.653	54.0	0.806	14.8	-0.543	1.764	-72.9	1.845
249095.9	843612.3	80.3	10.996	6.881	32.0	12.972	26.2	10.323	0.476	0.658	54.1	0.812	15.0	-0.525	1.777	-73.5	1.853
249095.2	843611.6	80.4	11.102	6.944	32.0	13.095	26.1	10.420	0.478	0.663	54.2	0.818	15.3	-0.506	1.789	-74.2	1.859
249094.5	843610.8	80.4	11.178	6.990	32.0	13.184	26.0	10.491	0.479	0.669	54.4	0.822	15.0	-0.500	1.782	-74.3	1.851
249093.8	843610.1	80.4	11.218	7.013	32.0	13.229	26.0	10.528	0.479	0.673	54.6	0.826	14.2	-0.510	1.750	-73.8	1.823
249093.1	843609.4	80.4	11.266	7.041	32.0	13.285	26.0	10.572	0.479	0.678	54.8	0.830	13.4	-0.515	1.723	-73.4	1.798
249092.4	843608.7	80.5	11.414	7.131	32.0	13.458	25.9	10.710	0.482	0.684	54.9	0.837	14.4	-0.475	1.759	-74.9	1.822
249091.7	843608.0	80.7	11.626	7.259	32.0	13.706	25.8	10.907	0.486	0.691	54.9	0.845	16.3	-0.409	1.833	-77.4	1.878
249091.0	843607.3	80.7	11.771	7.347	32.0	13.876	25.7	11.042	0.488	0.697	55.0	0.851	17.1	-0.371	1.865	-78.8	1.901
249090.3	843606.6	80.8	11.919	7.436	32.0	14.048	25.7	11.179	0.491	0.703	55.1	0.858	17.9	-0.333	1.897	-80.1	1.926
249089.6	843605.8	80.9	12.042	7.510	31.9	14.191	25.6	11.293	0.493	0.709	55.2	0.863	18.3	-0.305	1.912	-80.9	1.937
249088.9	843605.1	81.1	12.268	7.646	31.9	14.456	25.5	11.504	0.498	0.716	55.2	0.872	20.4	-0.236	1.990	-83.2	2.004
249088.2	843604.4	81.0	12.252	7.636	31.9	14.437	25.5	11.489	0.495	0.720	55.5	0.874	18.6	-0.265	1.921	-82.2	1.939
249087.5	843603.7	80.8	12.095	7.540	31.9	14.253	25.6	11.342	0.488	0.723	56.0	0.872	14.6	-0.351	1.764	-78.8	1.798
249086.8	843603.0	80.9	12.174	7.588	31.9	14.345	25.5	11.415	0.488	0.728	56.2	0.877	14.3	-0.341	1.752	-79.0	1.784
249086.1	843602.3	80.9	12.258	7.638	31.9	14.443	25.5	11.493	0.488	0.733	56.3	0.881	14.0	-0.330	1.743	-79.3	1.773
249085.4	843601.6	80.9	12.345	7.690	31.9	14.544	25.4	11.574	0.489	0.739	56.5	0.886	13.8	-0.317	1.736	-79.6	1.764
249084.7	843600.8	81.1	12.577	7.831	31.9	14.816	25.3	11.790	0.493	0.745	56.5	0.894	15.9	-0.249	1.818	-82.2	1.835
249084.0	843600.1	81.1	12.634	7.865	31.9	14.882	25.3	11.843	0.493	0.750	56.7	0.897	15.2	-0.251	1.792	-82.0	1.810
249083.3	843599.4	81.2	12.787	7.957	31.9	15.061	25.3	11.985	0.495	0.756	56.8	0.904	15.9	-0.217	1.826	-83.2	1.838
249082.6	843598.7	81.3	12.942	8.050	31.9	15.241	25.2	12.129	0.498	0.761	56.8	0.910	16.7	-0.184	1.860	-84.3	1.869
249081.9	843598.0	81.3	12.985	8.076	31.9	15.291	25.2	12.168	0.497	0.766	57.0	0.913	15.8	-0.195	1.827	-83.9	1.837
249081.2	843597.3	81.3	13.028	8.102	31.9	15.342	25.1	12.208	0.497	0.770	57.2	0.916	14.9	-0.207	1.794	-83.4	1.806
249080.5	843596.6	81.4	13.132	8.165	31.9	15.464	25.1	12.306	0.498	0.775	57.3	0.921	14.8	-0.197	1.799	-83.7	1.810
249079.8	843595.8	81.4	13.287	8.258	31.9	15.645	25.0	12.449	0.501	0.780	57.3	0.928	15.6	-0.171	1.834	-84.7	1.842
249079.1	843595.1	81.5	13.444	8.353	31.9	15.827	25.0	12.595	0.505	0.786	57.3	0.934	16.3	-0.147	1.869	-85.5	1.875
249078.4	843594.4	81.6	13.520	8.399	31.8	15.917	24.9	12.666	0.506	0.790	57.4	0.938	15.8	-0.153	1.857	-85.3	1.864
249077.7	843593.7	81.6	13.558	8.421	31.8	15.960	24.9	12.701	0.505	0.794	57.5	0.941	14.7	-0.176	1.823	-84.5	1.831
249077.0	843593.0	81.6	13.603	8.448	31.8	16.013	24.9	12.743	0.506	0.798	57.7	0.945	13.8	-0.197	1.792	-83.7	1.803
249076.3	843592.3	81.6	13.646	8.474	31.8	16.063	24.9	12.782	0.506	0.803	57.8	0.949	12.7	-0.221	1.761	-82.8	1.774
249075.6	843591.6	81.6	13.650	8.476	31.8	16.068	24.9	12.786	0.506	0.806	57.9	0.952	11.1	-0.261	1.706	-81.3	1.726
249074.9	843590.8	81.6	13.733	8.527	31.8	16.165	24.9	12.864	0.508	0.811	58.0	0.957	10.7	-0.273	1.698	-80.9	1.720
249074.2	843590.1	81.6	13.796	8.564	31.8	16.239	24.8	12.922	0.509	0.816	58.0	0.961	9.9	-0.295	1.678	-80.0	1.703
249073.5	843589.4	81.7	13.941	8.651	31.8	16.407	24.8	13.056	0.513	0.821	58.0	0.968	10.4	-0.290	1.705	-80.4	1.729
249072.8	843588.7	81.8	14.070	8.729	31.8	16.558	24.7	13.176	0.515	0.826	58.0	0.973	10.6	-0.291	1.722	-80.4	1.746
249072.1	843588.0	81.8	14.211	8.814	31.8	16.723	24.7	13.308	0.519	0.831	58.0	0.980	11.0	-0.290	1.745	-80.6	1.769
249071.4	843587.3	82.0	14.417	8.938	31.8	16.963	24.6	13.499	0.524	0.837	58.0	0.987	12.3	-0.269	1.805	-81.5	1.825
249070.7	843586.6	82.1	14.603	9.050	31.8	17.180	24.5	13.672	0.528	0.843	57.9	0.995	13.3	-0.257	1.851	-82.1	1.869
249070.0	843585.8	82.2	14.772	9.152	31.8	17.377	24.4	13.828	0.532	0.849	57.9	1.002	13.9	-0.253	1.886	-82.4	1.903
249069.3	843585.1	82.2	14.835	9.189	31.8	17.450	24.4	13.887	0.533	0.854	58.0	1.007	13.1	-0.286	1.861	-81.3	1.883
249068.6	843584.4	82.2	14.897	9.227	31.8	17.523	24.4	13.944	0.534	0.859	58.1	1.012	12.2	-0.322	1.834	-80.0	1.862
249067.9	843583.7	82.3	15.033	9.308	31.8	17.681	24.3	14.070	0.538	0.865	58.1	1.018	12.3	-0.335	1.848	-79.7	1.878
249067.2	843583.0	82.4	15.204	9.411	31.8	17.882	24.3	14.230	0.542	0.871	58.1	1.026	12.9	-0.339	1.880	-79.8	1.910
249066.5	843582.3	82.4	15.338	9.491	31.8	18.037	24.2	14.353	0.545	0.877	58.1	1.033	12.9	-0.358	1.890	-79.3	1.923
249065.8	843581.6	82.5	15.455	9.562	31.7	18.174	24.2	14.463	0.548	0.883	58.2	1.039	12.6	-0.385	1.890	-78.5	1.929
249065.1	843580.8	82.5	15.573	9.633	31.7	18.312	24.1	14.572	0.551	0.889	58.2	1.046	12.3	-0.415	1.889	-77.6	1.934
249064.4	843580.1	82.6	15.676	9.695	31.7	18.431	24.1	14.667	0.555	0.895	58.2	1.053	11.8	-0.453	1.879	-76.4	1.932
249063.7	843579.4	82.6	15.774	9.753	31.7	18.546	24.0	14.758	0.558	0.901	58.2	1.060	11.1	-0.495	1.865	-75.1	1.929
249063.0	843578.7	82.7	15.889	9.822	31.7	18.680	24.0	14.865	0.562	0.907	58.2	1.067	10.7	-0.535	1.859	-73.9	1.935
249062.3	843578.0	82.7	15.974	9.873	31.7	18.779	24.0	14.944	0.565	0.913	58.2	1.074	9.7	-0.588	1.837	-72.3	1.928
249061.6	843577.3	82.8	16.052	9.920	31.7	18.870	23.9	15.016	0.569	0.919	58.2	1.081	8.7	-0.645	1.809	-70.4	1.921
249060.9	843576.6	82.8	16.216	10.018	31.7	19.061	23.9	15.168	0.575	0.926	58.2	1.090	8.8	-0.678	1.827	-69.6	1.949
249060.2	843575.8	83.0	16.480	10.177	31.7	19.369	23.8	15.413	0.583	0.933	58.0	1.100	10.2	-0.682	1.898	-70.2	2.017
249059.5	843575.1	83.1	16.614	10.257	31.7	19.525	23.7	15.537	0.588	0.940	58.0	1.109	9.8	-0.729	1.898	-69.0	2.033
249058.8	843574.4	83.1	16.722	10.322	31.7	19.651	23.7	15.638	0.593	0.946	57.9	1.117	9.1	-0.786	1.883	-67.3	2.040
249058.1	843573.7	83.3	17.039	10.511	31.7	20.020	23.5	15.931	0.602	0.954	57.8	1.128	11.1	-0.779	1.977	-68.5	2.125
249057.4	843573.0	83.3	17.158	10.583	31.7	20.159	23.5	16.042	0.607	0.961	57.7	1.136	10.4	-0.836	1.965	-66.9	2.135
249056.7	843572.3	83.4	17.280	10.656	31.7	20.301	23.4	16.155	0.611	0.967	57.7	1.144	9.8	-0.893	1.953	-65.4	2.148
249056.0	843571.6	83.5	17.551	10.818	31.6	20.617	23.3	16.406	0.619	0.975	57.6	1.155	11.0	-0.904	2.017	-65.8	2.210
249055.3	843570.8	83.7	17.825	10.982	31.6	20.937	23.2	16.661	0.627	0.983	57.5	1.166	12.3	-0.915	2.080	-66.2	2.272
249054.6	843570.1	83.8	18.104	11.148	31.6	21.262	23.1	16.920	0.634	0.991	57.4	1.177	13.5	-0.925	2.142	-66.6	2.333
249053.9	843569.4	83.9	18.314	11.273	31.6	21.505	23.0	17.113	0.640	0.999	57.4	1.186	13.9	-0.957	2.166	-66.2	2.368
249053.2	843568.7	83.9	18.344	11.292	31.6	21.541	23.0	17.142	0.641	1.005	57.5	1.192	11.9	-1.044	2.099	-63.6	2.344
249052.5	843568.0	84.0	18.459	11.360	31.6	21.675	22.9	17.248	0.645	1.012	57.5	1.200	11.1	-1.104	2.072	-62.0	2.348
249051.8	843567.3	84.1	18.690	11.498	31.6	21.944	22.8	17.462	0.650	1.021	57.5	1.210	11.6	-1.128	2.100	-61.8	2.384
249051.1	843566.6	84.2	18.869	11.605	31.6	22.153	22.8	17.628	0.654	1.029	57.6	1.219	11.4	-1.168	2.099	-60.9	2.402
249050.4	843565.8	84.2	19.046	11.711	31.6	22.359	22.7	17.792	0.658	1.038	57.6	1.228	11.2	-1.208	2.094	-60.0	2.417
249049.7	843565.1	84.3	19.215	11.811	31.6	22.555	22.6	17.949	0.661	1.047	57.7	1.238	10.9	-1.251	2.081	-59.0	2.428
249049.0	843564.4	84.4	19.312	11.869	31.6	22.668	22.6	18.039	0.663	1.055	57.9	1.246	9.7	-1.314	2.030	-57.1	2.418
249048.3	843563.7	84.4	19.427	11.938	31.6	22.802	22.5	18.145	0.665	1.064	58.0	1.255	8.7	-1.370	1.984	-55.4	2.411
249047.6	843563.0	84.6	19.827	12.176	31.6	23.267	22.4	18.515	0.671	1.077	58.1	1.269	10.8	-1.343	2.073	-57.1	2.470
249046.9	843562.3	84.7	20.127	12.355	31.5	23.616	22.3	18.793	0.676	1.089	58.2	1.281	11.7	-1.346	2.109	-57.5	2.502
249046.2	843561.6	84.9	20.382	12.506	31.5	23.913	22.1	19.029	0.680	1.100	58.3	1.293	12.1	-1.361	2.119	-57.3	2.519
249045.5	843560.8	84.9	20.543	12.602	31.5	24.101	22.1	19.179	0.681	1.111	58.5	1.304	11.4	-1.402	2.082	-56.0	2.510
249044.8	843560.1	85.1	20.824	12.769	31.5	24.427	22.0	19.439	0.685	1.124	58.6	1.316	12.0	-1.409	2.098	-56.1	2.527
249044.1	843559.4	85.1	20.991	12.869	31.5	24.621	21.9	19.593	0.686	1.135	58.9	1.327	11.3	-1.448	2.057	-54.9	2.515
249043.4	843558.7	85.2	21.206	12.997	31.5	24.872	21.8	19.792	0.687	1.148	59.1	1.338	11.1	-1.472	2.035	-54.1	2.512
249042.7	843558.0	85.4	21.606	13.234	31.5	25.337	21.6	20.163	0.692	1.162	59.2	1.353	12.6	-1.448	2.097	-55.4	2.548
249042.0	843557.3	85.5	21.948	13.437	31.5	25.735	21.5	20.479	0.695	1.176	59.4	1.366	13.5	-1.440	2.128	-55.9	2.569
249041.3	843556.6	85.7	22.300	13.646	31.5	26.144	21.3	20.805	0.699	1.190	59.6	1.380	14.4	-1.431	2.160	-56.5	2.592
249040.6	843555.8	85.8	22.597	13.822	31.5	26.489	21.2	21.079	0.700	1.204	59.8	1.393	14.7	-1.438	2.165	-56.4	2.599
249039.9	843555.1	85.9	22.861	13.979	31.4	26.796	21.1	21.324	0.701	1.218	60.1	1.405	14.6	-1.455	2.153	-55.9	2.599
249039.2	843554.4	86.0	23.138	14.143	31.4	27.118	21.0	21.580	0.701	1.231	60.3	1.417	14.5	-1.472	2.144	-55.5	2.601
249038.5	843553.7	86.2	23.527	14.374	31.4	27.571	20.8	21.940	0.704	1.246	60.5	1.431	15.4	-1.464	2.184	-56.2	2.629

249037.8	843553.0	86.3	23.887	14.587	31.4	27.989	20.7	22.273	0.707	1.261	60.7	1.445	15.9	-1.469	2.208	-56.4	2.652
249037.1	843552.3	86.5	24.344	14.857	31.4	28.519	20.5	22.695	0.712	1.276	60.8	1.462	17.2	-1.457	2.271	-57.3	2.699
249036.4	843551.6	86.6	24.669	15.050	31.4	28.897	20.3	22.996	0.713	1.291	61.1	1.475	17.2	-1.482	2.275	-56.9	2.715
249035.7	843550.8	86.8	25.015	15.255	31.4	29.299	20.2	23.315	0.715	1.305	61.3	1.488	17.2	-1.508	2.287	-56.6	2.739
249035.0	843550.1	86.9	25.391	15.477	31.4	29.736	20.0	23.663	0.718	1.320	61.5	1.503	17.3	-1.536	2.309	-56.4	2.773
249034.3	843549.4	87.1	25.838	15.741	31.4	30.255	19.9	24.076	0.724	1.336	61.6	1.519	18.0	-1.556	2.359	-56.6	2.826
249033.6	843548.7	87.2	26.289	16.008	31.3	30.780	19.7	24.494	0.730	1.352	61.6	1.536	18.6	-1.584	2.410	-56.7	2.884
249032.9	843548.0	87.4	26.749	16.280	31.3	31.313	19.5	24.918	0.736	1.368	61.7	1.553	19.2	-1.619	2.461	-56.7	2.946
249032.2	843547.3	87.6	27.261	16.582	31.3	31.909	19.3	25.392	0.745	1.384	61.7	1.572	20.1	-1.651	2.532	-56.9	3.023
249031.5	843546.6	87.8	27.856	16.933	31.3	32.599	19.0	25.942	0.758	1.401	61.6	1.593	21.7	-1.675	2.635	-57.6	3.122
249030.8	843545.8	88.0	28.473	17.297	31.3	33.316	18.7	26.512	0.773	1.419	61.4	1.615	23.4	-1.702	2.745	-58.2	3.229
249030.1	843545.1	88.2	29.104	17.670	31.3	34.048	18.5	27.095	0.788	1.436	61.2	1.638	25.2	-1.732	2.858	-58.8	3.342
249029.4	843544.4	88.4	29.789	18.073	31.2	34.843	18.2	27.727	0.806	1.454	61.0	1.662	27.3	-1.757	2.990	-59.6	3.468
249028.7	843543.7	88.6	30.496	18.490	31.2	35.663	17.9	28.380	0.827	1.472	60.7	1.688	29.6	-1.783	3.130	-60.3	3.602
249028.0	843543.0	88.8	31.054	18.819	31.2	36.311	17.7	28.895	0.838	1.487	60.6	1.707	30.6	-1.837	3.213	-60.2	3.701
249027.3	843542.3	88.9	31.498	19.082	31.2	36.827	17.5	29.306	0.843	1.500	60.7	1.721	30.6	-1.912	3.256	-59.6	3.776
249026.6	843541.6	89.0	31.910	19.325	31.2	37.306	17.3	29.687	0.845	1.513	60.8	1.733	30.4	-1.993	3.290	-58.8	3.846
249025.9	843540.8	89.1	32.183	19.488	31.2	37.623	17.2	29.940	0.839	1.523	61.1	1.739	29.1	-2.095	3.276	-57.4	3.888
249025.2	843540.1	89.3	32.876	19.897	31.2	38.428	16.9	30.580	0.858	1.538	60.8	1.761	31.4	-2.122	3.418	-58.2	4.023
249024.5	843539.4	89.5	33.434	20.226	31.2	39.076	16.7	31.096	0.869	1.551	60.7	1.778	32.7	-2.168	3.513	-58.3	4.129
249023.8	843538.7	89.6	33.772	20.427	31.2	39.469	16.6	31.408	0.867	1.560	60.9	1.784	32.2	-2.247	3.535	-57.6	4.189
249023.1	843538.0	89.7	34.111	20.628	31.2	39.863	16.4	31.722	0.865	1.568	61.1	1.791	31.9	-2.320	3.561	-56.9	4.250
249022.4	843537.3	89.8	34.451	20.831	31.2	40.259	16.3	32.037	0.863	1.576	61.3	1.797	31.8	-2.386	3.593	-56.4	4.313
249021.7	843536.6	89.9	34.792	21.034	31.2	40.656	16.1	32.353	0.862	1.583	61.4	1.803	31.8	-2.444	3.630	-56.0	4.376
249021.0	843535.8	90.0	35.154	21.249	31.2	41.077	16.0	32.688	0.863	1.591	61.5	1.809	32.1	-2.491	3.679	-55.9	4.443
249020.3	843535.1	90.1	35.522	21.467	31.1	41.505	15.8	33.028	0.864	1.598	61.6	1.816	32.7	-2.528	3.736	-55.9	4.511
249019.6	843534.4	90.2	36.048	21.780	31.1	42.117	15.6	33.516	0.877	1.606	61.4	1.830	34.7	-2.532	3.852	-56.7	4.610
249018.9	843533.7	90.4	36.581	22.096	31.1	42.736	15.4	34.009	0.892	1.615	61.1	1.845	37.0	-2.526	3.975	-57.6	4.710
249018.2	843533.0	90.4	36.732	22.188	31.1	42.914	15.3	34.150	0.882	1.617	61.4	1.842	36.4	-2.571	3.975	-57.1	4.734
249017.5	843532.3	90.5	36.756	22.205	31.1	42.942	15.3	34.172	0.864	1.617	61.9	1.833	34.8	-2.625	3.937	-56.3	4.732
249016.8	843531.6	90.6	36.991	22.346	31.1	43.217	15.2	34.391	0.862	1.619	62.0	1.834	35.2	-2.638	3.977	-56.4	4.772
249016.1	843530.8	90.6	37.223	22.486	31.1	43.487	15.2	34.606	0.860	1.621	62.0	1.835	35.8	-2.642	4.021	-56.7	4.811
249015.4	843530.1	90.7	37.453	22.625	31.1	43.756	15.1	34.820	0.860	1.623	62.1	1.837	36.5	-2.638	4.070	-57.0	4.850
249014.7	843529.4	90.8	37.681	22.762	31.1	44.023	15.0	35.032	0.861	1.625	62.1	1.839	37.3	-2.626	4.122	-57.5	4.888
249014.0	843528.7	90.9	37.803	22.837	31.1	44.166	14.9	35.146	0.856	1.624	62.2	1.836	37.5	-2.622	4.144	-57.7	4.904
249013.3	843528.0	90.9	37.801	22.839	31.1	44.164	14.9	35.145	0.843	1.622	62.5	1.828	36.7	-2.628	4.129	-57.5	4.895
249012.7	843527.3	90.9	37.884	22.891	31.1	44.262	14.9	35.223	0.837	1.621	62.7	1.824	36.8	-2.615	4.145	-57.8	4.901
249012.0	843526.6	91.0	38.058	22.997	31.1	44.466	14.8	35.385	0.839	1.622	62.6	1.826	37.8	-2.582	4.194	-58.4	4.925
249011.3	843525.8	91.1	38.238	23.107	31.1	44.678	14.8	35.553	0.842	1.623	62.6	1.828	38.8	-2.542	4.247	-59.1	4.950
249010.6	843525.1	91.1	38.277	23.133	31.1	44.724	14.7	35.590	0.836	1.622	62.7	1.824	38.9	-2.516	4.254	-59.4	4.943
249009.9	843524.4	91.2	38.324	23.162	31.1	44.779	14.7	35.634	0.832	1.620	62.8	1.821	39.2	-2.510	4.235	-59.3	4.923
249009.2	843523.7	91.2	38.381	23.199	31.2	44.847	14.7	35.688	0.828	1.620	62.9	1.819	39.5	-2.471	4.249	-59.8	4.915
249008.5	843523.0	91.3	38.435	23.234	31.2	44.912	14.7	35.740	0.825	1.620	63.0	1.818	39.8	-2.427	4.262	-60.3	4.905
249007.8	843522.3	91.3	38.377	23.203	31.2	44.846	14.7	35.687	0.814	1.619	63.3	1.812	39.3	-2.393	4.238	-60.6	4.867
249007.1	843521.6	91.3	38.266	23.140	31.2	44.718	14.7	35.586	0.798	1.618	63.7	1.804	38.4	-2.362	4.195	-60.6	4.814
249006.4	843520.8	91.3	38.076	23.031	31.2	44.499	14.8	35.411	0.777	1.615	64.3	1.792	36.9	-2.337	4.123	-60.5	4.740
249005.7	843520.1	91.3	37.884	22.920	31.2	44.278	14.9	35.235	0.755	1.614	64.9	1.782	35.3	-2.310	4.048	-60.3	4.661
249005.0	843519.4	91.3	37.690	22.808	31.2	44.054	15.0	35.057	0.734	1.613	65.5	1.772	33.8	-2.281	3.969	-60.1	4.578
249004.3	843518.7	91.3	37.521	22.711	31.2	43.859	15.1	34.902	0.715	1.613	66.1	1.764	32.4	-2.249	3.894	-60.0	4.496
249003.6	843518.0	91.3	37.551	22.732	31.2	43.895	15.1	34.931	0.710	1.617	66.3	1.766	32.4	-2.191	3.882	-60.6	4.458
249002.9	843517.3	91.3	37.277	22.572	31.2	43.578	15.2	34.678	0.682	1.617	67.1	1.755	30.1	-2.172	3.764	-60.0	4.345
249002.2	843516.6	91.3	36.825	22.307	31.2	43.055	15.4	34.262	0.643	1.616	68.3	1.739	26.4	-2.174	3.580	-58.7	4.188
249001.5	843515.8	91.2	36.276	21.983	31.2	42.418	15.6	33.755	0.602	1.614	69.6	1.723	22.1	-2.189	3.356	-56.9	4.007
249000.8	843515.1	91.1	35.831	21.721	31.2	41.901	15.8	33.344	0.571	1.616	70.5	1.714	18.6	-2.195	3.161	-55.2	3.848
249000.1	843514.4	91.1	35.683	21.636	31.2	41.730	15.9	33.208	0.557	1.620	71.0	1.713	17.2	-2.168	3.068	-54.8	3.757
248999.4	843513.7	91.2	35.586	21.581	31.2	41.619	15.9	33.119	0.544	1.625	71.5	1.714	16.1	-2.140	2.991	-54.4	3.678
248998.7	843513.0	91.2	35.487	21.525	31.2	41.505	16.0	33.029	0.533	1.631	71.9	1.715	15.0	-2.115	2.912	-54.0	3.599
248998.0	843512.3	91.2	35.547	21.563	31.2	41.576	15.9	33.085	0.526	1.637	72.2	1.719	14.7	-2.078	2.889	-54.3	3.559
248997.3	843511.6	91.4	35.814	21.725	31.2	41.889	15.8	33.334	0.528	1.644	72.2	1.727	15.6	-2.024	2.943	-55.5	3.572
248996.6	843510.8	91.5	36.098	21.896	31.2	42.219	15.7	33.597	0.532	1.652	72.1	1.735	16.8	-1.974	3.003	-56.7	3.593
248995.9	843510.1	91.6	36.356	22.053	31.2	42.522	15.6	33.838	0.537	1.659	72.1	1.744	17.8	-1.934	3.053	-57.6	3.614
248995.2	843509.4	91.6	36.448	22.111	31.2	42.630	15.6	33.924	0.534	1.665	72.2	1.748	17.7	-1.918	3.045	-57.8	3.599
248994.5	843508.7	91.7	36.398	22.083	31.2	42.573	15.6	33.879	0.523	1.669	72.6	1.749	16.6	-1.924	2.986	-57.2	3.552
248993.8	843508.0	91.9	37.039	22.469	31.2	43.321	15.3	34.474	0.553	1.679	71.8	1.768	20.5	-1.867	3.179	-59.6	3.687
248993.1	843507.3	92.0	37.379	22.674	31.2	43.719	15.2	34.790	0.569	1.687	71.4	1.780	22.3	-1.850	3.265	-60.5	3.753
248992.4	843506.6	92.0	37.365	22.669	31.2	43.704	15.2	34.779	0.560	1.690	71.7	1.781	21.4	-1.874	3.228	-59.9	3.732
248991.7	843505.8	92.1	37.605	22.815	31.2	43.985	15.1	35.002	0.569	1.696	71.4	1.789	22.4	-1.883	3.283	-60.2	3.785
248991.0	843505.1	92.3	37.928	23.011	31.2	44.363	15.0	35.303	0.587	1.703	71.0	1.801	24.2	-1.892	3.372	-60.7	3.866
248990.3	843504.4	92.4	38.189	23.171	31.2	44.669	14.9	35.546	0.601	1.708	70.6	1.811	25.4	-1.914	3.443	-60.9	3.939
248989.6	843503.7	92.4	38.297	23.239	31.2	44.796	14.8	35.648	0.603	1.711	70.6	1.814	25.5	-1.959	3.464	-60.5	3.980
248988.9	843503.0	92.5	38.403	23.305	31.3	44.921	14.8	35.747	0.605	1.714	70.6	1.817	25.6	-2.011	3.490	-60.0	4.027
248988.2	843502.3	92.6	38.528	23.384	31.3	45.069	14.7	35.865	0.610	1.716	70.4	1.821	25.9	-2.067	3.528	-59.6	4.089
248987.5	843501.6	92.7	38.666	23.469	31.3	45.231	14.7	35.994	0.616	1.718	70.3	1.825	26.3	-2.128	3.575	-59.2	4.161
248986.8	843500.8	92.8	38.800	23.553	31.3	45.390	14.6	36.120	0.623	1.719	70.1	1.828	26.8	-2.195	3.628	-58.8	4.240
248986.1	843500.1	92.9	38.932	23.636	31.3	45.545	14.6	36.244	0.631	1.719	69.9	1.831	27.3	-2.266	3.685	-58.4	4.326
248985.4	843499.4	92.9	38.966	23.659	31.3	45.586	14.6	36.276	0.631	1.718	69.8	1.830	27.1	-2.349	3.714	-57.7	4.395
248984.7	843498.7	93.0	39.053	23.715	31.3	45.690	14.5	36.359	0.636	1.717	69.7	1.831	27.5	-2.429	3.767	-57.2	4.482
248984.0	843498.0	93.1	39.294	23.863	31.3	45.973	14.4	36.584	0.655	1.717	69.1	1.838	29.2	-2.496	3.878	-57.2	4.612
248983.3	843497.3	93.2	39.538	24.013	31.3	46.259	14.3	36.812	0.675	1.718	68.5	1.846	30.9	-2.561	3.994	-57.3	4.745
248982.6	843496.6	93.4	39.919	24.246	31.3	46.705	14.2	37.167	0.709	1.721	67.6	1.862	33.8	-2.611	4.160	-57.9	4.912
248981.9	843495.8	93.5	40.356	24.513	31.3	47.217	14.0	37.574	0.749	1.726	66.5	1.882	37.2	-2.653	4.346	-58.6	5.092
248981.2	843495.1	93.6	40.761	24.761	31.3	47.693	13.8	37.953	0.788	1.731	65.5	1.902	40.4	-2.693	4.522	-59.2	5.263
248980.5	843494.4	93.7	40.814	24.797	31.3	47.757	13.8	38.003	0.795	1.730	65.3	1.904	41.0	-2.761	4.583	-58.9	5.351
248979.8	843493.7	93.8	40.918	24.863	31.3	47.880	13.8	38.102	0.808	1.731	65.0	1.910	42.1	-2.819	4.662	-58.8	5.448
248979.1	843493.0	93.9	41.198	25.037	31.3	48.209	13.7	38.364	0.839	1.735	64.2	1.927	44.6	-2.853	4.799	-59.3	5.583
248978.4	843492.3	94.0	41.125	24.996	31.3	48.125	13.7	38.297	0.837	1.732	64.2	1.924	44.5	-2.913	4.822	-58.9	5.634
248977.7	843491.6	93.9	40.384	24.553	31.3	47.262	14.0	37.610	0.773	1.716	65.8	1.882	39.8	-3.033	4.629	-56.8	5.534

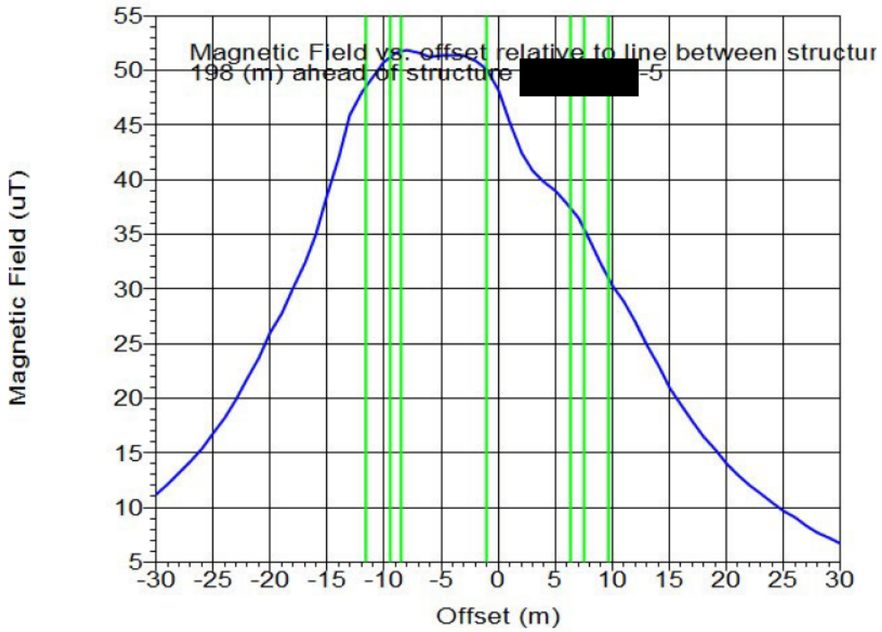
248977.0	843490.8	94.1	41.107	24.993	31.3	48.108	13.7	38.283	0.847	1.731	63.9	1.927	45.6	-3.002	4.909	-58.6	5.754
248976.3	843490.1	94.2	41.124	25.008	31.3	48.131	13.7	38.301	0.856	1.732	63.7	1.932	46.5	-3.033	4.960	-58.6	5.814
248975.6	843489.4	94.2	40.963	24.914	31.3	47.944	13.8	38.153	0.849	1.729	63.9	1.926	46.1	-3.075	4.953	-58.2	5.830
248974.9	843488.7	94.1	40.258	24.491	31.3	47.122	14.1	37.499	0.791	1.714	65.2	1.887	42.0	-3.165	4.768	-56.4	5.723
248974.2	843488.0	94.2	40.370	24.562	31.3	47.255	14.0	37.604	0.810	1.717	64.7	1.899	43.7	-3.169	4.847	-56.8	5.791
248973.5	843487.3	94.3	40.173	24.447	31.3	47.027	14.1	37.423	0.801	1.714	65.0	1.892	43.2	-3.200	4.823	-56.4	5.788
248972.8	843486.6	94.3	40.047	24.374	31.3	46.882	14.2	37.307	0.798	1.713	65.0	1.890	43.1	-3.221	4.821	-56.3	5.798
248972.1	843485.8	94.3	39.595	24.104	31.3	46.355	14.4	36.888	0.766	1.705	65.8	1.869	40.9	-3.271	4.709	-55.2	5.734
248971.4	843485.1	94.2	38.791	23.621	31.3	45.416	14.7	36.141	0.703	1.690	67.4	1.830	36.0	-3.357	4.475	-53.1	5.594
248970.7	843484.4	94.2	38.775	23.615	31.3	45.400	14.7	36.128	0.709	1.691	67.2	1.834	36.8	-3.364	4.503	-53.2	5.621
248970.0	843483.7	94.3	38.488	23.444	31.3	45.066	14.8	35.862	0.692	1.687	67.7	1.824	35.5	-3.399	4.436	-52.5	5.589
248969.3	843483.0	94.2	38.023	23.167	31.4	44.525	15.0	35.432	0.660	1.680	68.5	1.806	32.9	-3.455	4.306	-51.3	5.520
248968.6	843482.3	94.2	37.713	22.982	31.4	44.164	15.2	35.145	0.642	1.677	69.1	1.795	31.3	-3.498	4.224	-50.4	5.485
248967.9	843481.6	94.2	37.357	22.770	31.4	43.749	15.3	34.815	0.619	1.673	69.7	1.784	29.3	-3.551	4.123	-49.3	5.441
248967.2	843480.8	94.2	36.966	22.536	31.4	43.293	15.5	34.452	0.595	1.669	70.4	1.771	27.0	-3.612	4.005	-48.0	5.393
248966.5	843480.1	94.1	36.136	22.037	31.4	42.325	15.9	33.681	0.544	1.658	71.8	1.745	21.5	-3.725	3.724	-45.0	5.267
248965.8	843479.4	94.0	35.161	21.451	31.4	41.188	16.3	32.776	0.502	1.647	73.0	1.722	15.6	-3.859	3.377	-41.2	5.128
248965.1	843478.7	94.0	35.113	21.425	31.4	41.133	16.3	32.733	0.502	1.649	73.1	1.724	15.4	-3.904	3.371	-40.8	5.158
248964.4	843478.0	94.1	35.066	21.399	31.4	41.080	16.3	32.690	0.502	1.652	73.1	1.727	15.1	-3.954	3.363	-40.4	5.191
248963.7	843477.3	94.1	34.752	21.212	31.4	40.714	16.5	32.399	0.496	1.652	73.3	1.724	13.5	-4.039	3.251	-38.8	5.185
248963.0	843476.6	94.1	34.448	21.031	31.4	40.360	16.6	32.118	0.493	1.652	73.4	1.724	12.2	-4.130	3.139	-37.2	5.188
248962.3	843475.8	94.2	34.567	21.105	31.4	40.501	16.5	32.230	0.497	1.657	73.3	1.730	12.4	-4.182	3.190	-37.3	5.259
248961.6	843475.1	94.4	34.916	21.318	31.4	40.909	16.4	32.555	0.506	1.665	73.1	1.740	13.7	-4.214	3.327	-38.3	5.370
248960.9	843474.4	94.5	35.013	21.380	31.4	41.025	16.4	32.646	0.511	1.669	73.0	1.746	14.0	-4.279	3.368	-38.2	5.445
248960.2	843473.7	94.6	34.947	21.342	31.4	40.948	16.4	32.585	0.512	1.672	73.0	1.749	13.4	-4.365	3.345	-37.5	5.500
248959.5	843473.0	94.6	34.877	21.303	31.4	40.869	16.4	32.522	0.513	1.674	73.0	1.751	12.9	-4.456	3.322	-36.7	5.558
248958.8	843472.3	94.7	34.806	21.262	31.4	40.786	16.5	32.457	0.515	1.677	72.9	1.754	12.4	-4.551	3.299	-35.9	5.621
248958.1	843471.6	94.8	34.992	21.377	31.4	41.005	16.4	32.631	0.521	1.681	72.8	1.760	13.0	-4.619	3.379	-36.2	5.723
248957.4	843470.8	95.0	35.584	21.739	31.4	41.699	16.1	33.183	0.542	1.691	72.2	1.776	16.2	-4.645	3.616	-37.9	5.886
248956.7	843470.1	95.2	36.022	22.007	31.4	42.212	16.0	33.591	0.563	1.699	71.7	1.790	18.9	-4.686	3.794	-39.0	6.030
248956.0	843469.4	95.3	36.034	22.018	31.4	42.229	16.0	33.604	0.566	1.700	71.6	1.792	18.9	-4.773	3.817	-38.6	6.112
248955.3	843468.7	95.4	36.079	22.048	31.4	42.283	15.9	33.648	0.572	1.701	71.4	1.794	19.2	-4.855	3.857	-38.5	6.200
248954.6	843468.0	95.4	35.489	21.692	31.4	41.594	16.2	33.099	0.553	1.691	71.9	1.779	15.7	-5.005	3.661	-36.2	6.201
248953.9	843467.3	95.4	35.350	21.611	31.4	41.433	16.3	32.971	0.553	1.688	71.9	1.776	15.2	-5.101	3.641	-35.5	6.267
248953.2	843466.6	95.5	35.215	21.531	31.4	41.276	16.3	32.846	0.554	1.684	71.8	1.773	14.9	-5.192	3.627	-34.9	6.334
248952.5	843465.8	95.5	34.859	21.317	31.4	40.861	16.5	32.516	0.553	1.676	71.7	1.765	13.9	-5.305	3.534	-33.7	6.374
248951.8	843465.1	95.5	34.515	21.111	31.5	40.459	16.6	32.196	0.555	1.668	71.6	1.758	13.3	-5.412	3.449	-32.5	6.417
248951.1	843464.4	95.6	34.555	21.138	31.5	40.508	16.6	32.235	0.559	1.664	71.4	1.755	14.0	-5.466	3.520	-32.8	6.502
248950.4	843463.7	95.7	34.487	21.099	31.5	40.429	16.6	32.172	0.563	1.658	71.2	1.752	14.4	-5.529	3.553	-32.7	6.572
248949.7	843463.0	95.7	34.225	20.942	31.5	40.124	16.8	31.930	0.567	1.650	71.0	1.745	14.4	-5.609	3.515	-32.1	6.619
248949.0	843462.3	95.7	33.963	20.786	31.5	39.819	16.9	31.687	0.572	1.642	70.8	1.738	14.6	-5.683	3.481	-31.5	6.664
248948.3	843461.6	95.7	33.701	20.629	31.5	39.513	17.0	31.444	0.578	1.633	70.5	1.732	15.0	-5.752	3.449	-31.0	6.706
248947.6	843460.8	95.8	33.481	20.497	31.5	39.257	17.1	31.240	0.584	1.625	70.2	1.726	15.5	-5.808	3.437	-30.6	6.749
248946.9	843460.1	95.8	33.197	20.327	31.5	38.926	17.2	30.976	0.591	1.616	69.9	1.720	16.0	-5.865	3.402	-30.1	6.781
248946.2	843459.4	95.8	32.913	20.157	31.5	38.595	17.3	30.713	0.598	1.606	69.6	1.714	16.7	-5.916	3.369	-29.7	6.808
248945.5	843458.7	95.9	32.763	20.067	31.5	38.420	17.4	30.574	0.602	1.599	69.4	1.709	17.2	-5.939	3.392	-29.7	6.840
248944.8	843458.0	95.9	32.552	19.941	31.5	38.174	17.5	30.378	0.607	1.591	69.1	1.703	17.8	-5.962	3.392	-29.6	6.860
248944.1	843457.3	96.0	32.341	19.815	31.5	37.929	17.6	30.183	0.611	1.583	68.9	1.696	18.3	-5.976	3.394	-29.6	6.873
248943.4	843456.6	95.9	31.726	19.444	31.5	37.210	17.9	29.611	0.626	1.570	68.3	1.690	19.9	-6.040	3.230	-28.1	6.849
248942.7	843455.8	95.9	31.293	19.182	31.5	36.705	18.0	29.209	0.636	1.559	67.8	1.684	21.2	-6.069	3.140	-27.4	6.833
248942.0	843455.1	95.9	30.998	19.005	31.5	36.360	18.2	28.934	0.641	1.550	67.5	1.677	21.9	-6.068	3.107	-27.1	6.818
248941.3	843454.4	95.9	30.591	18.760	31.5	35.885	18.4	28.557	0.649	1.540	67.1	1.672	23.1	-6.076	3.027	-26.5	6.789
248940.6	843453.7	95.9	30.275	18.569	31.5	35.516	18.5	28.263	0.653	1.532	66.9	1.665	23.8	-6.062	2.985	-26.2	6.757
248939.9	843453.0	96.0	30.216	18.535	31.5	35.447	18.5	28.208	0.642	1.525	67.2	1.655	23.2	-6.000	3.054	-27.0	6.732
248939.2	843452.3	96.2	30.503	18.711	31.5	35.784	18.4	28.476	0.621	1.523	67.8	1.645	21.7	-5.876	3.270	-29.1	6.724
248938.5	843451.6	96.3	30.504	18.714	31.5	35.787	18.4	28.479	0.613	1.518	68.0	1.637	21.5	-5.789	3.364	-30.2	6.695
248937.8	843450.8	96.3	30.418	18.663	31.5	35.687	18.5	28.399	0.607	1.512	68.1	1.629	21.5	-5.710	3.421	-30.9	6.656
248937.1	843450.1	96.4	30.273	18.577	31.5	35.518	18.5	28.265	0.602	1.505	68.2	1.621	21.6	-5.636	3.454	-31.5	6.610
248936.4	843449.4	96.4	29.969	18.393	31.5	35.163	18.7	27.982	0.598	1.496	68.2	1.611	21.5	-5.583	3.420	-31.5	6.548
248935.7	843448.7	96.5	29.812	18.300	31.5	34.980	18.7	27.836	0.592	1.489	68.3	1.603	21.5	-5.506	3.449	-32.1	6.497
248935.0	843448.0	96.5	29.654	18.205	31.5	34.796	18.8	27.690	0.587	1.482	68.4	1.594	21.5	-5.430	3.477	-32.6	6.448
248934.3	843447.3	96.6	29.594	18.170	31.5	34.727	18.8	27.635	0.584	1.476	68.4	1.587	21.7	-5.339	3.547	-33.6	6.410
248933.6	843446.6	96.7	29.475	18.100	31.6	34.589	18.9	27.525	0.581	1.469	68.4	1.580	21.8	-5.260	3.593	-34.3	6.370
248932.9	843445.8	96.8	29.383	18.045	31.6	34.482	18.9	27.440	0.580	1.463	68.4	1.573	22.1	-5.182	3.650	-35.2	6.338
248932.2	843445.1	96.8	29.137	17.897	31.6	34.194	19.0	27.211	0.576	1.454	68.4	1.564	21.7	-5.132	3.643	-35.4	6.294
248931.5	843444.4	96.9	28.896	17.752	31.6	33.914	19.1	26.988	0.574	1.445	68.3	1.554	21.4	-5.088	3.638	-35.6	6.255
248930.8	843443.7	96.9	28.660	17.610	31.6	33.638	19.3	26.768	0.572	1.436	68.3	1.545	20.9	-5.050	3.634	-35.7	6.222
248930.1	843443.0	96.9	28.457	17.488	31.6	33.401	19.3	26.580	0.571	1.427	68.2	1.537	20.6	-5.014	3.645	-36.0	6.199
248929.4	843442.3	97.0	28.347	17.423	31.6	33.273	19.4	26.478	0.573	1.419	68.0	1.531	20.8	-4.969	3.696	-36.6	6.193
248928.7	843441.6	97.1	28.110	17.280	31.6	32.997	19.5	26.258	0.572	1.410	67.9	1.522	20.3	-4.952	3.692	-36.7	6.176
248928.0	843440.8	97.1	27.871	17.136	31.6	32.718	19.6	26.036	0.572	1.401	67.8	1.513	19.7	-4.942	3.686	-36.7	6.165
248927.3	843440.1	97.1	27.595	16.969	31.6	32.395	19.7	25.779	0.571	1.391	67.7	1.503	18.9	-4.945	3.663	-36.5	6.154
248926.6	843439.4	97.2	27.536	16.934	31.6	32.326	19.8	25.725	0.575	1.384	67.4	1.499	19.3	-4.917	3.733	-37.2	6.173
248925.9	843438.7	97.3	27.550	16.944	31.6	32.344	19.8	25.738	0.582	1.378	67.1	1.496	20.1	-4.882	3.833	-38.1	6.207
248925.2	843438.0	97.5	27.563	16.953	31.6	32.359	19.8	25.750	0.589	1.372	66.8	1.494	21.0	-4.852	3.931	-39.0	6.244
248924.5	843437.3	97.6	27.573	16.961	31.6	32.372	19.8	25.760	0.596	1.367	66.4	1.491	21.8	-4.826	4.025	-39.8	6.284
248923.8	843436.6	97.7	27.467	16.898	31.6	32.249	19.8	25.663	0.599	1.360	66.2	1.486	21.9	-4.824	4.068	-40.1	6.310
248923.1	843435.8	97.7	27.173	16.720	31.6	31.905	20.0	25.390	0.596	1.350	66.2	1.476	20.6	-4.859	4.027	-39.6	6.311
248922.4	843435.1	97.8	27.230	16.756	31.6	31.972	19.9	25.442	0.604	1.346	65.9	1.475	21.7	-4.836	4.133	-40.5	6.362
248921.7	843434.4	98.0	27.334	16.820	31.6	32.095	19.9	25.540	0.613	1.344	65.5	1.477	23.2	-4.807	4.255	-41.5	6.420
248921.0	843433.7	98.1	27.336	16.823	31.6	32.098	19.9	25.543	0.619	1.340	65.2	1.476	23.9	-4.798	4.329	-42.1	6.463
248920.3	843433.0	98.2	27.317	16.813	31.6	32.077	19.9	25.526	0.623	1.336	65.0	1.474	24.3	-4.795	4.391	-42.5	6.501
248919.6	843432.3	98.3	27.192	16.738	31.6	31.931	20.0	25.410	0.622	1.331	64.9	1.469	23.9	-4.812	4.403	-42.5	6.522
248918.9	843431.6	98.4	27.092	16.678	31.6	31.814	20.0	25.317	0.622	1.326	64.9	1.465	23.7	-4.825	4.421	-42.5	6.544
248918.2	843430.8	98.5	26.971	16.606	31.6	31.673	20.1	25.205	0.621	1.322	64.8	1.461	23.3	-4.843	4.425	-42.4	6.560
248917.5	843430.1	98.5	26.771	16.485	31.6	31.439	20.2	25.018	0.617	1.318	64.9	1.455	22.3	-4.875	4.390	-42.0	6.561
248916.8	843429.4	98.6	26.579	16.369	31.6	31.215	20.3	24.840	0.613	1.314	65.0	1.450	21.4	-4.907	4.352	-41.6	6.559

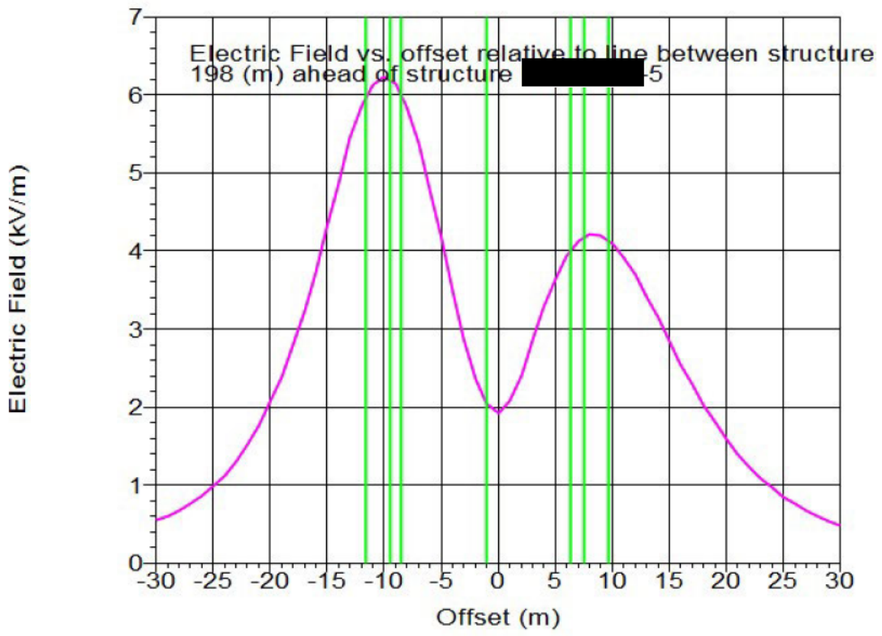
248916.1	843428.7	98.6	26.358	16.235	31.6	30.957	20.4	24.635	0.609	1.310	65.1	1.444	20.4	-4.943	4.296	-41.0	6.549
248915.4	843428.0	98.7	26.194	16.136	31.6	30.765	20.4	24.482	0.606	1.308	65.1	1.442	19.8	-4.969	4.256	-40.6	6.543
248914.7	843427.3	98.7	25.985	16.010	31.6	30.521	20.5	24.288	0.603	1.306	65.2	1.439	19.1	-5.002	4.191	-40.0	6.526
248914.0	843426.6	98.8	25.872	15.942	31.6	30.389	20.6	24.183	0.602	1.307	65.3	1.439	19.0	-5.016	4.160	-39.7	6.517
248913.3	843425.8	99.0	25.939	15.984	31.6	30.468	20.6	24.246	0.602	1.311	65.3	1.442	19.5	-4.996	4.200	-40.0	6.527
248912.6	843425.1	99.1	25.976	16.008	31.6	30.513	20.6	24.281	0.601	1.315	65.4	1.446	19.8	-4.980	4.221	-40.3	6.528
248911.9	843424.4	99.2	25.941	15.988	31.6	30.472	20.6	24.249	0.599	1.319	65.6	1.448	19.9	-4.977	4.204	-40.2	6.514
248911.2	843423.7	99.3	25.921	15.973	31.6	30.447	20.6	24.229	0.598	1.324	65.7	1.453	19.9	-4.969	4.146	-39.8	6.472
248910.5	843423.0	99.5	26.070	16.066	31.6	30.623	20.5	24.369	0.597	1.332	65.9	1.459	20.4	-4.930	4.198	-40.4	6.475
248909.8	843422.3	99.7	26.218	16.158	31.6	30.797	20.5	24.507	0.596	1.340	66.0	1.466	20.9	-4.891	4.245	-41.0	6.476
248909.1	843421.6	99.9	26.365	16.249	31.6	30.970	20.4	24.645	0.594	1.348	66.2	1.473	21.4	-4.852	4.287	-41.5	6.475
248908.4	843420.8	100.1	26.511	16.340	31.6	31.142	20.3	24.782	0.593	1.356	66.4	1.480	21.8	-4.814	4.326	-41.9	6.472
248907.7	843420.1	100.3	26.722	16.470	31.6	31.390	20.3	24.980	0.594	1.365	66.5	1.489	22.5	-4.765	4.391	-42.7	6.479
248907.0	843419.4	100.5	27.200	16.764	31.6	31.951	20.0	25.426	0.603	1.378	66.4	1.504	24.7	-4.673	4.567	-44.3	6.534
248906.3	843418.7	100.7	27.420	16.901	31.6	32.210	20.0	25.632	0.605	1.387	66.4	1.514	25.6	-4.626	4.633	-45.0	6.547
248905.6	843418.0	100.8	27.312	16.836	31.7	32.084	20.0	25.532	0.596	1.391	66.8	1.513	24.6	-4.633	4.560	-44.5	6.500
248904.9	843417.3	100.9	27.088	16.700	31.7	31.822	20.1	25.323	0.584	1.393	67.3	1.510	23.1	-4.659	4.436	-43.6	6.433
248904.2	843416.6	101.0	26.844	16.552	31.7	31.537	20.2	25.096	0.573	1.395	67.7	1.508	21.7	-4.688	4.304	-42.6	6.364
248903.5	843415.8	101.1	26.812	16.533	31.7	31.500	20.2	25.067	0.567	1.399	67.9	1.509	21.3	-4.685	4.265	-42.3	6.335
248902.8	843415.1	101.3	27.005	16.653	31.7	31.727	20.2	25.247	0.566	1.405	68.1	1.515	21.7	-4.649	4.328	-43.0	6.351
248902.1	843414.4	101.5	27.128	16.730	31.7	31.873	20.1	25.363	0.564	1.410	68.2	1.518	21.9	-4.626	4.363	-43.3	6.359
248901.4	843413.7	101.7	27.422	16.912	31.7	32.217	20.0	25.638	0.566	1.416	68.2	1.525	22.8	-4.583	4.477	-44.3	6.407
248900.7	843413.0	101.9	27.529	16.979	31.7	32.344	19.9	25.738	0.564	1.420	68.3	1.528	22.9	-4.572	4.512	-44.6	6.423
248900.0	843412.3	102.0	27.555	16.997	31.7	32.376	19.9	25.764	0.559	1.422	68.5	1.528	22.6	-4.576	4.517	-44.6	6.430
248899.3	843411.6	102.1	27.473	16.948	31.7	32.280	20.0	25.687	0.550	1.422	68.9	1.525	21.7	-4.601	4.478	-44.2	6.421
248898.6	843410.8	102.3	27.569	17.008	31.7	32.394	19.9	25.778	0.547	1.424	69.0	1.525	21.6	-4.608	4.522	-44.5	6.456
248897.9	843410.1	102.6	27.979	17.262	31.7	32.875	19.8	26.161	0.556	1.429	68.8	1.534	23.3	-4.580	4.706	-45.8	6.567
248897.2	843409.4	102.7	28.019	17.289	31.7	32.924	19.7	26.200	0.551	1.430	68.9	1.532	22.8	-4.610	4.734	-45.8	6.608
248896.5	843408.7	102.8	27.844	17.182	31.7	32.719	19.8	26.037	0.538	1.427	69.4	1.525	21.1	-4.675	4.673	-45.0	6.610
248895.8	843408.0	102.9	27.731	17.114	31.7	32.587	19.9	25.932	0.528	1.425	69.7	1.519	19.8	-4.741	4.642	-44.4	6.635
248895.1	843407.3	103.1	27.858	17.194	31.7	32.737	19.8	26.051	0.525	1.425	69.8	1.518	19.7	-4.785	4.720	-44.6	6.722
248894.4	843406.6	103.2	27.855	17.194	31.7	32.734	19.8	26.049	0.519	1.423	70.0	1.515	18.8	-4.855	4.746	-44.3	6.789
248893.7	843405.8	103.3	27.612	17.046	31.7	32.450	19.9	25.823	0.506	1.419	70.4	1.506	17.0	-4.963	4.670	-43.3	6.815
248893.0	843405.1	103.4	27.592	17.035	31.7	32.427	20.0	25.804	0.500	1.416	70.6	1.502	16.2	-5.054	4.694	-42.9	6.898
248892.3	843404.4	103.5	27.349	16.887	31.7	32.142	20.1	25.578	0.492	1.412	70.8	1.495	15.2	-5.181	4.624	-41.7	6.944
248891.6	843403.7	103.5	27.023	16.687	31.7	31.760	20.2	25.274	0.490	1.408	70.8	1.490	15.2	-5.327	4.516	-40.3	6.984
248890.9	843403.0	103.8	27.408	16.926	31.7	32.214	20.1	25.635	0.483	1.408	71.1	1.488	14.1	-5.407	4.730	-41.2	7.184
248890.2	843402.3	104.1	27.705	17.111	31.7	32.562	19.9	25.912	0.478	1.408	71.3	1.487	13.4	-5.513	4.903	-41.7	7.378
248889.5	843401.6	104.2	27.845	17.199	31.7	32.728	19.9	26.044	0.473	1.407	71.4	1.484	12.7	-5.650	5.008	-41.6	7.550
248888.8	843400.8	104.4	27.909	17.240	31.7	32.805	19.8	26.105	0.470	1.405	71.5	1.482	12.1	-5.810	5.079	-41.2	7.717
248888.1	843400.1	104.6	27.986	17.289	31.7	32.896	19.8	26.178	0.469	1.404	71.5	1.480	11.7	-5.985	5.155	-40.7	7.899
248887.4	843399.4	104.6	27.604	17.055	31.7	32.447	20.0	25.821	0.482	1.400	71.0	1.481	14.6	-6.218	5.031	-39.0	7.999
248886.7	843398.7	104.7	27.472	16.975	31.7	32.293	20.1	25.698	0.499	1.398	70.4	1.485	17.4	-6.442	5.014	-37.9	8.163
248886.0	843398.0	104.8	27.339	16.894	31.7	32.137	20.1	25.574	0.524	1.397	69.5	1.492	21.1	-6.680	4.994	-36.8	8.340
248885.3	843397.3	105.0	27.264	16.850	31.7	32.050	20.2	25.505	0.553	1.397	68.4	1.503	24.8	-6.924	4.997	-35.8	8.539
248884.6	843396.6	105.3	27.719	17.133	31.7	32.586	20.0	25.931	0.549	1.400	68.6	1.503	23.3	-7.135	5.229	-36.2	8.846
248883.9	843395.8	105.5	27.937	17.269	31.7	32.843	19.9	26.136	0.563	1.402	68.1	1.511	24.4	-7.374	5.352	-36.0	9.111
248883.2	843395.1	105.7	28.077	17.358	31.7	33.010	19.8	26.268	0.585	1.403	67.4	1.520	26.5	-7.624	5.438	-35.5	9.364
248882.5	843394.4	105.9	28.324	17.513	31.7	33.300	19.7	26.500	0.600	1.406	66.9	1.529	27.5	-7.867	5.564	-35.3	9.635
248881.8	843393.7	106.1	28.419	17.574	31.7	33.414	19.7	26.590	0.627	1.409	66.0	1.542	30.1	-8.120	5.622	-34.7	9.876
248881.1	843393.0	106.3	28.703	17.751	31.7	33.749	19.5	26.856	0.639	1.413	65.7	1.550	30.7	-8.352	5.753	-34.6	10.142
248880.4	843392.3	106.6	28.935	17.897	31.7	34.023	19.4	27.074	0.653	1.417	65.2	1.560	31.8	-8.579	5.857	-34.3	10.388
248879.7	843391.6	106.8	29.252	18.096	31.7	34.397	19.3	27.372	0.659	1.422	65.1	1.568	31.8	-8.784	5.991	-34.3	10.633
248879.0	843390.8	107.1	29.648	18.344	31.7	34.864	19.1	27.744	0.656	1.430	65.3	1.573	31.0	-8.966	6.150	-34.4	10.873
248878.3	843390.1	107.3	29.791	18.436	31.8	35.034	19.1	27.879	0.672	1.434	64.9	1.584	32.5	-9.153	6.202	-34.1	11.056
248877.6	843389.4	107.5	30.046	18.597	31.8	35.336	19.0	28.119	0.676	1.441	64.9	1.592	32.7	-9.307	6.293	-34.1	11.235
248876.9	843388.7	107.6	29.697	18.382	31.8	34.926	19.1	27.793	0.731	1.441	63.1	1.615	38.6	-9.500	6.140	-32.9	11.311
248876.2	843388.0	107.8	29.971	18.554	31.8	35.250	19.0	28.051	0.725	1.448	63.4	1.620	38.0	-9.604	6.230	-33.0	11.447
248875.5	843387.3	108.1	30.362	18.800	31.8	35.712	18.9	28.419	0.706	1.458	64.2	1.620	36.2	-9.666	6.360	-33.3	11.571
248874.8	843386.6	108.3	30.560	18.926	31.8	35.946	18.8	28.605	0.701	1.466	64.5	1.625	36.0	-9.722	6.410	-33.4	11.645
248874.1	843385.8	108.4	30.369	18.810	31.8	35.723	18.9	28.427	0.725	1.468	63.7	1.637	38.8	-9.794	6.304	-32.8	11.648
248873.4	843385.1	108.4	29.649	18.363	31.8	34.875	19.2	27.753	0.798	1.464	61.4	1.667	46.2	-9.902	5.981	-31.1	11.568
248872.7	843384.4	108.6	29.814	18.468	31.8	35.071	19.1	27.908	0.781	1.471	62.0	1.666	45.0	-9.882	6.008	-31.3	11.565
248872.0	843383.7	108.8	29.869	18.505	31.8	35.136	19.1	27.961	0.772	1.478	62.4	1.667	44.5	-9.851	5.987	-31.3	11.528
248871.3	843383.0	109.0	30.229	18.732	31.8	35.562	18.9	28.300	0.732	1.489	63.8	1.659	41.3	-9.759	6.086	-31.9	11.501
248870.6	843382.3	109.3	30.713	19.038	31.8	36.135	18.7	28.755	0.684	1.502	65.5	1.651	37.5	-9.630	6.229	-32.9	11.469
248869.9	843381.6	109.6	31.070	19.264	31.8	36.557	18.6	29.091	0.652	1.515	66.7	1.649	35.1	-9.497	6.319	-33.6	11.407
248869.2	843380.8	109.8	31.214	19.357	31.8	36.729	18.5	29.228	0.635	1.524	67.4	1.651	34.1	-9.375	6.323	-34.0	11.308
248868.5	843380.1	110.0	31.428	19.493	31.8	36.982	18.4	29.430	0.617	1.535	68.1	1.654	33.0	-9.229	6.352	-34.5	11.204
248867.8	843379.4	110.2	31.494	19.537	31.8	37.062	18.4	29.493	0.607	1.542	68.5	1.658	32.5	-9.090	6.323	-34.8	11.073
248867.1	843378.7	110.3	31.319	19.431	31.8	36.857	18.5	29.330	0.606	1.546	68.6	1.660	32.6	-8.973	6.199	-34.6	10.906
248866.4	843378.0	110.5	31.131	19.316	31.8	36.636	18.6	29.154	0.604	1.549	68.7	1.662	32.7	-8.848	6.068	-34.4	10.728
248865.7	843377.3	110.6	31.136	19.322	31.8	36.645	18.6	29.161	0.597	1.555	69.0	1.666	32.3	-8.688	6.013	-34.7	10.566
248865.0	843376.6	110.8	31.242	19.392	31.8	36.771	18.5	29.262	0.590	1.563	69.3	1.671	31.9	-8.507	5.998	-35.2	10.409
248864.3	843375.8	111.0	31.229	19.386	31.8	36.757	18.6	29.250	0.586	1.569	69.5	1.675	31.8	-8.335	5.937	-35.5	10.233
248863.6	843375.1	111.1	31.071	19.291	31.8	36.572	18.6	29.103	0.584	1.572	69.6	1.677	31.8	-8.174	5.819	-35.4	10.034
248862.9	843374.4	111.3	30.999	19.249	31.8	36.489	18.7	29.037	0.582	1.576	69.7	1.680	31.8	-7.996	5.737	-35.7	9.841
248862.2	843373.7	111.6	31.519	19.579	31.8	37.105	18.4	29.527	0.590	1.592	69.7	1.698	32.8	-7.730	5.896	-37.3	9.722
248861.5	843373.0	111.7	31.356	19.480	31.9	36.915	18.5	29.376	0.590	1.593	69.7	1.699	32.9	-7.550	5.785	-37.5	9.512
248860.8	843372.3	111.8	31.006	19.263	31.9	36.502	18.7	29.048	0.585	1.590	69.8	1.694	32.6	-7.390	5.600	-37.2	9.272
248860.1	843371.6	111.9	30.695	19.071	31.9	36.137	18.8	28.757	0.581	1.588	69.9	1.690	32.4	-7.219	5.433	-37.0	9.034
248859.4	843370.8	111.9	30.199	18.764	31.9	35.554	19.1	28.293	0.572	1.581	70.1	1.681	31.8	-7.068	5.190	-36.3	8.769
248858.7	843370.1	112.0	29.876	18.564	31.9	35.174	19.2	27.991	0.566	1.577	70.2	1.676	31.5	-6.889	5.023	-36.1	8.526
248858.0	843369.4	112.1	29.566	18.374	31.9	34.810	19.3	27.701	0.561	1.573	70.4	1.670	31.3	-6.705	4.865	-36.0	8.284
248857.3	843368.7	112.3	29.422	18.287	31.9	34.642	19.4	27.567	0.560	1.571	70.4	1.668	31.4	-6.495	4.784	-36.4	8.066
248856.6	843368.0	112.5	29.493	18.335	31.9	34.728	19.4	27.635	0.567	1.573	70.2	1.672	32.3	-6.252	4.803	-37.5	7.884
248855.9	843367.3	112.6	29.263	18.194	31.9	34.458	19.5	27.421	0.566	1.568	70.2	1.667	32.4	-6.049	4.698	-37.8	7.659

248855.2	843366.6	112.6	28.882	17.960	31.9	34.011	19.7	27.065	0.558	1.560	70.3	1.657	32.0	-5.866	4.531	-37.7	7.412
248854.5	843365.8	112.7	28.416	17.671	31.9	33.462	19.9	26.628	0.546	1.550	70.6	1.643	31.3	-5.693	4.330	-37.3	7.152
248853.8	843365.1	112.7	27.925	17.368	31.9	32.886	20.1	26.169	0.534	1.539	70.9	1.628	30.4	-5.524	4.121	-36.7	6.892
248853.1	843364.4	112.8	27.489	17.098	31.9	32.373	20.3	25.761	0.523	1.528	71.1	1.615	29.8	-5.348	3.941	-36.4	6.643
248852.4	843363.7	112.8	27.123	16.873	31.9	31.943	20.5	25.419	0.515	1.518	71.2	1.603	29.4	-5.163	3.800	-36.4	6.410
248851.7	843363.0	112.9	26.760	16.650	31.9	31.517	20.7	25.080	0.508	1.507	71.4	1.590	29.0	-4.979	3.665	-36.4	6.182
248851.0	843362.3	113.0	26.517	16.503	31.9	31.233	20.8	24.855	0.505	1.497	71.4	1.580	29.1	-4.780	3.594	-36.9	5.980
248850.3	843361.6	113.1	26.109	16.251	31.9	30.753	21.0	24.473	0.495	1.485	71.6	1.565	28.5	-4.607	3.449	-36.8	5.755
248849.6	843360.8	113.1	25.729	16.019	31.9	30.308	21.2	24.119	0.487	1.472	71.7	1.551	28.0	-4.434	3.322	-36.8	5.541
248848.9	843360.1	113.2	25.354	15.789	31.9	29.869	21.4	23.769	0.478	1.459	71.8	1.536	27.6	-4.264	3.203	-36.9	5.333
248848.2	843359.4	113.3	25.118	15.645	31.9	29.592	21.5	23.549	0.478	1.448	71.7	1.525	27.8	-4.079	3.159	-37.8	5.160
248847.5	843358.7	113.4	24.887	15.506	31.9	29.323	21.6	23.334	0.478	1.436	71.6	1.514	28.2	-3.899	3.124	-38.7	4.996
248846.8	843358.0	113.5	24.594	15.327	31.9	28.979	21.8	23.061	0.476	1.423	71.5	1.500	28.3	-3.733	3.063	-39.4	4.829
248846.1	843357.3	113.5	24.160	15.061	31.9	28.469	22.0	22.655	0.465	1.407	71.7	1.482	27.5	-3.594	2.934	-39.2	4.639
248845.4	843356.6	113.5	23.681	14.767	31.9	27.908	22.2	22.208	0.451	1.390	72.0	1.462	26.4	-3.468	2.785	-38.8	4.448
248844.7	843355.8	113.5	23.212	14.479	32.0	27.357	22.5	21.770	0.439	1.374	72.3	1.442	25.3	-3.348	2.644	-38.3	4.266
248844.0	843355.1	113.5	22.747	14.193	32.0	26.812	22.7	21.336	0.427	1.356	72.5	1.422	24.2	-3.236	2.507	-37.8	4.094
248843.3	843354.4	113.5	22.290	13.913	32.0	26.275	22.9	20.909	0.416	1.339	72.7	1.402	23.1	-3.131	2.377	-37.2	3.931
248842.6	843353.7	113.6	21.904	13.678	32.0	25.824	23.2	20.550	0.410	1.322	72.8	1.384	22.5	-3.023	2.289	-37.1	3.792
248841.9	843353.0	113.6	21.535	13.452	32.0	25.392	23.4	20.206	0.405	1.305	72.8	1.366	21.9	-2.920	2.213	-37.2	3.664
248841.2	843352.3	113.7	21.172	13.230	32.0	24.966	23.6	19.867	0.401	1.288	72.7	1.349	21.4	-2.823	2.143	-37.2	3.545
248840.5	843351.6	113.7	20.815	13.012	32.0	24.548	23.8	19.534	0.398	1.270	72.6	1.331	21.0	-2.734	2.079	-37.2	3.434
248839.8	843350.8	113.8	20.464	12.798	32.0	24.136	24.0	19.207	0.396	1.253	72.5	1.314	20.6	-2.650	2.019	-37.3	3.332
248839.1	843350.1	113.7	19.995	12.511	32.0	23.587	24.2	18.770	0.387	1.233	72.6	1.293	19.1	-2.594	1.892	-36.1	3.211
248838.4	843349.4	113.8	19.609	12.274	32.0	23.133	24.4	18.409	0.384	1.215	72.5	1.274	18.4	-2.531	1.813	-35.6	3.113
248837.7	843348.7	113.8	19.337	12.108	32.1	22.815	24.6	18.156	0.387	1.198	72.1	1.259	18.6	-2.453	1.801	-36.3	3.043
248837.0	843348.0	113.9	19.143	11.992	32.1	22.589	24.8	17.976	0.394	1.182	71.6	1.246	19.6	-2.365	1.837	-37.8	2.994
248836.3	843347.3	113.9	18.716	11.728	32.1	22.087	25.0	17.576	0.389	1.163	71.5	1.226	18.3	-2.326	1.732	-36.7	2.900
248835.6	843346.6	113.9	18.279	11.459	32.1	21.574	25.3	17.168	0.384	1.145	71.5	1.207	16.9	-2.295	1.619	-35.2	2.809
248834.9	843345.8	113.9	17.877	11.210	32.1	21.101	25.5	16.792	0.381	1.126	71.3	1.189	15.8	-2.263	1.523	-33.9	2.727
248834.2	843345.1	114.0	17.565	11.018	32.1	20.734	25.7	16.500	0.382	1.110	71.0	1.174	15.5	-2.215	1.480	-33.7	2.664
248833.5	843344.4	114.0	17.285	10.844	32.1	20.405	25.9	16.238	0.384	1.094	70.6	1.159	15.5	-2.163	1.453	-33.9	2.606
248832.8	843343.7	114.1	17.088	10.722	32.1	20.173	26.1	16.054	0.390	1.079	70.1	1.147	16.3	-2.095	1.476	-35.2	2.562
248832.1	843343.0	114.2	16.816	10.552	32.1	19.852	26.3	15.798	0.392	1.064	69.8	1.134	16.4	-2.044	1.447	-35.3	2.505
248831.4	843342.3	114.2	16.497	10.351	32.1	19.476	26.5	15.498	0.392	1.048	69.5	1.119	15.9	-2.006	1.385	-34.6	2.438
248830.7	843341.6	114.3	16.237	10.186	32.1	19.167	26.7	15.253	0.393	1.034	69.2	1.107	16.0	-1.954	1.356	-34.8	2.378
248830.0	843340.8	114.4	16.049	10.065	32.1	18.944	26.8	15.075	0.398	1.021	68.7	1.096	16.8	-1.884	1.368	-36.0	2.329
248829.3	843340.1	114.5	15.861	9.942	32.1	18.720	27.0	14.897	0.401	1.009	68.3	1.086	17.7	-1.814	1.375	-37.2	2.276
248828.6	843339.4	114.6	15.626	9.788	32.1	18.439	27.2	14.673	0.403	0.996	68.0	1.075	18.0	-1.753	1.348	-37.6	2.212
248827.9	843338.7	114.6	15.386	9.628	32.0	18.150	27.3	14.443	0.404	0.984	67.7	1.063	18.2	-1.694	1.313	-37.8	2.143
248827.2	843338.0	114.7	15.146	9.466	32.0	17.860	27.5	14.213	0.404	0.971	67.4	1.052	18.3	-1.632	1.274	-38.0	2.071
248826.5	843337.3	114.8	14.907	9.301	32.0	17.571	27.7	13.982	0.404	0.959	67.1	1.041	18.5	-1.570	1.232	-38.1	1.995
248825.8	843336.6	114.9	14.663	9.130	31.9	17.273	27.9	13.746	0.404	0.946	66.9	1.029	18.5	-1.507	1.182	-38.1	1.915
248825.1	843335.8	114.9	14.392	8.938	31.8	16.942	28.0	13.482	0.403	0.933	66.6	1.016	18.2	-1.451	1.111	-37.4	1.827
248824.4	843335.1	114.9	14.106	8.733	31.8	16.591	28.2	13.203	0.401	0.919	66.4	1.003	17.8	-1.399	1.027	-36.3	1.735
248823.7	843334.4	115.0	13.824	8.527	31.7	16.242	28.3	12.925	0.400	0.904	66.1	0.989	17.3	-1.345	0.942	-35.0	1.642
248823.0	843333.7	115.0	13.576	8.337	31.6	15.932	28.4	12.678	0.400	0.889	65.8	0.975	17.2	-1.280	0.878	-34.4	1.552
248822.3	843333.0	114.9	13.107	8.002	31.4	15.357	28.6	12.221	0.394	0.871	65.6	0.957	14.9	-1.288	0.658	-27.1	1.446
248821.6	843332.3	115.3	13.203	8.021	31.3	15.449	28.4	12.294	0.403	0.857	64.8	0.947	18.3	-1.111	0.831	-36.8	1.387
248820.9	843331.6	115.6	13.295	8.031	31.1	15.532	28.3	12.360	0.415	0.842	63.8	0.939	22.4	-0.933	0.995	-46.8	1.365
248820.2	843330.8	115.9	13.382	8.031	31.0	15.607	28.1	12.420	0.431	0.827	62.5	0.932	27.0	-0.756	1.151	-56.7	1.377
248819.5	843330.1	116.3	13.465	8.021	30.8	15.672	27.9	12.472	0.450	0.810	61.0	0.927	31.8	-0.578	1.297	-66.0	1.420
248818.8	843329.4	116.6	13.542	7.999	30.6	15.728	27.6	12.516	0.470	0.793	59.3	0.922	36.9	-0.399	1.434	-74.4	1.488
248818.1	843328.7	116.9	13.615	7.965	30.3	15.774	27.2	12.553	0.492	0.775	57.6	0.918	42.1	-0.220	1.559	-82.0	1.574
248817.4	843328.0	117.0	13.316	7.696	30.0	15.380	27.0	12.239	0.489	0.747	56.8	0.893	41.7	-0.160	1.458	-83.7	1.466
248816.7	843327.3	117.0	12.977	7.400	29.7	14.939	26.6	11.888	0.483	0.717	56.0	0.865	40.5	-0.117	1.331	-85.0	1.336
248816.0	843326.6	117.0	12.653	7.113	29.3	14.515	26.2	11.551	0.479	0.687	55.1	0.837	39.3	-0.075	1.211	-86.4	1.213
248815.3	843325.8	117.0	12.343	6.836	29.0	14.110	25.7	11.228	0.476	0.656	54.0	0.810	38.1	-0.035	1.097	-88.2	1.098
248814.6	843325.1	117.0	12.049	6.572	28.6	13.725	25.1	10.922	0.474	0.624	52.8	0.784	36.9	0.005	0.990	89.7	0.990
248813.9	843324.4	117.0	11.771	6.324	28.2	13.363	24.4	10.634	0.474	0.593	51.4	0.760	35.6	0.043	0.890	87.2	0.891
248813.2	843323.7	117.0	11.512	6.094	27.9	13.025	23.7	10.365	0.476	0.562	49.8	0.736	34.3	0.080	0.798	84.3	0.802
248812.5	843323.0	117.0	11.271	5.884	27.6	12.714	22.9	10.118	0.479	0.532	48.0	0.716	32.9	0.116	0.713	80.8	0.722
248811.8	843322.3	117.0	11.049	5.697	27.3	12.431	22.1	9.893	0.484	0.502	46.1	0.697	31.4	0.151	0.636	76.7	0.653
248811.1	843321.6	117.0	10.848	5.533	27.0	12.177	21.3	9.691	0.491	0.474	44.0	0.682	29.8	0.185	0.566	71.9	0.596
248810.4	843320.8	117.0	10.667	5.395	26.8	11.953	20.5	9.512	0.500	0.446	41.7	0.670	28.2	0.219	0.504	66.5	0.549
248809.7	843320.1	117.0	10.506	5.281	26.7	11.759	19.8	9.357	0.512	0.420	39.4	0.662	26.5	0.253	0.448	60.5	0.515
248809.0	843319.4	117.0	10.367	5.192	26.6	11.594	19.2	9.226	0.526	0.395	36.9	0.658	24.8	0.288	0.400	54.2	0.493
248808.3	843318.7	117.0	10.248	5.126	26.6	11.459	18.6	9.119	0.544	0.371	34.3	0.659	23.0	0.324	0.358	47.8	0.483
248807.6	843318.0	117.0	10.150	5.082	26.6	11.351	18.2	9.033	0.566	0.348	31.6	0.664	21.2	0.361	0.322	41.7	0.484

Max EF along centerline is 1.932 (kV/m) at 198.000 (m) from structure [redacted]-5

Cross section results at max EF along centerline between structures [redacted]-5 and [redacted]-6R





3D EMF Point Results Span from [redacted]-5 to [redacted]-6R:

Measurement			B					H	EF					Space Potential			
X (m)	Y (m)	Z (m)	Real (uT)	Imaginary (uT)	Angle (deg)	Magnitude (uT)	Polarization Axial Ratio %	Magnitude (A/m)	Real (kV/m)	Imaginary (kV/m)	Angle (deg)	Magnitude (kV/m)	Polarization Axial Ratio %	Real (kV)	Imaginary (kV)	Angle (deg)	Magnitude (kV)
248997.7	843469.1	97.3	9.061	6.590	36.0	11.204	51.2	8.916	0.194	0.513	69.2	0.548	37.4	0.772	-1.549	-63.5	1.730
248997.0	843469.8	97.2	9.870	7.036	35.5	12.121	51.1	9.646	0.212	0.572	69.6	0.610	36.9	0.968	-1.656	-59.7	1.918
248996.3	843470.5	97.0	10.760	7.503	34.9	13.118	50.9	10.439	0.248	0.636	68.7	0.683	35.9	1.195	-1.749	-55.6	2.118
248995.5	843471.2	96.8	11.716	7.974	34.2	14.172	50.5	11.278	0.303	0.704	66.7	0.766	34.1	1.449	-1.796	-51.1	2.307
248994.8	843471.9	96.7	12.812	8.502	33.6	15.377	50.0	12.236	0.387	0.776	63.5	0.867	32.7	1.739	-1.874	-47.1	2.556
248994.1	843472.6	96.6	14.037	9.064	32.9	16.709	49.3	13.296	0.501	0.852	59.5	0.988	31.2	2.069	-1.944	-43.2	2.839
248993.4	843473.3	96.5	15.428	9.675	32.1	18.211	48.6	14.491	0.648	0.930	55.1	1.133	29.7	2.455	-2.027	-39.5	3.184
248992.7	843474.0	96.4	16.981	10.320	31.3	19.871	47.6	15.813	0.832	1.009	50.5	1.307	27.9	2.898	-2.095	-35.9	3.576
248992.0	843474.7	96.3	18.714	10.996	30.4	21.706	46.4	17.273	1.057	1.087	45.8	1.516	26.0	3.401	-2.142	-32.2	4.019

248991.3	843475.4	96.3	20.679	11.719	29.5	23.769	45.1	18.915	1.330	1.162	41.1	1.766	24.1	3.992	-2.187	-28.7	4.552
248990.5	843476.1	96.1	22.749	12.409	28.6	25.914	43.5	20.621	1.653	1.229	36.6	2.060	21.5	4.572	-2.129	-25.0	5.043
248989.8	843476.8	95.9	24.641	12.939	27.7	27.831	41.5	22.147	2.022	1.281	32.4	2.393	17.8	4.895	-1.826	-20.5	5.224
248989.1	843477.5	95.7	26.847	13.560	26.8	30.077	39.5	23.935	2.455	1.322	28.3	2.788	15.0	5.312	-1.593	-16.7	5.546
248988.4	843478.2	95.5	29.171	14.179	25.9	32.434	37.4	25.810	2.944	1.346	24.6	3.237	12.5	5.668	-1.326	-13.2	5.821
248987.7	843478.9	95.4	31.704	14.840	25.1	35.006	35.3	27.857	3.485	1.351	21.2	3.738	10.4	6.051	-1.075	-10.1	6.145
248987.0	843479.6	95.4	35.077	15.750	24.2	38.451	33.1	30.598	4.083	1.341	18.2	4.298	9.6	7.028	-1.026	-8.3	7.103
248986.3	843480.3	95.5	38.650	16.677	23.3	42.095	30.8	33.498	4.698	1.308	15.6	4.877	8.7	8.055	-0.931	-6.6	8.109
248985.5	843481.0	95.5	42.401	17.636	22.6	45.923	28.5	36.544	5.295	1.253	13.3	5.441	8.0	9.132	-0.800	-5.0	9.167
248984.8	843481.7	95.3	44.472	18.191	22.2	48.048	26.2	38.236	5.744	1.163	11.4	5.860	6.6	8.832	-0.353	-2.3	8.839
248984.1	843482.4	95.2	45.775	18.654	22.2	49.430	24.1	39.335	6.037	1.051	9.9	6.128	5.6	7.987	0.133	1.0	7.988
248983.4	843483.1	95.0	46.986	19.213	22.2	50.763	22.0	40.396	6.167	0.927	8.6	6.236	5.1	7.221	0.548	4.3	7.242
248982.7	843483.8	94.9	47.631	19.758	22.5	51.567	20.2	41.036	6.092	0.792	7.4	6.143	5.1	6.219	0.961	8.8	6.293
248982.0	843484.5	94.8	47.704	20.284	23.0	51.837	18.5	41.251	5.814	0.652	6.4	5.850	5.4	5.022	1.375	15.3	5.206
248981.3	843485.2	94.7	47.296	20.795	23.7	51.666	17.1	41.114	5.360	0.520	5.5	5.386	6.4	3.722	1.787	25.6	4.129
248980.5	843485.9	94.5	46.609	21.321	24.6	51.254	15.9	40.787	4.775	0.434	5.2	4.795	8.1	2.465	2.197	41.7	3.302
248979.8	843486.6	94.5	46.343	22.079	25.5	51.333	14.8	40.850	4.123	0.474	6.6	4.150	11.5	1.662	2.620	57.6	3.102
248979.1	843487.3	94.6	46.011	22.919	26.5	51.403	13.8	40.905	3.434	0.632	10.4	3.491	17.4	0.885	3.104	74.1	3.228
248978.4	843488.0	94.6	45.516	23.787	27.6	51.357	13.1	40.868	2.745	0.865	17.5	2.878	27.5	0.031	3.659	89.5	3.660
248977.7	843488.7	94.6	44.617	24.531	28.8	50.916	12.8	40.517	2.075	1.137	28.7	2.366	44.1	-0.979	4.236	-77.0	4.347
248977.0	843489.4	94.5	43.395	25.111	30.1	50.137	12.9	39.898	1.453	1.435	44.6	2.043	63.5	-2.015	4.775	-67.1	5.183
248976.3	843490.1	94.2	41.124	25.008	31.3	48.131	13.7	38.301	0.856	1.732	63.7	1.932	46.5	-3.033	4.960	-58.6	5.814
248975.5	843490.8	93.7	38.259	24.318	32.4	45.333	15.0	36.075	0.447	2.027	77.6	2.076	19.7	-3.662	4.666	-51.9	5.931
248974.8	843491.5	93.3	35.432	23.392	33.4	42.457	16.5	33.786	0.676	2.322	73.8	2.419	5.2	-3.768	4.002	-46.7	5.496
248974.1	843492.2	93.0	33.726	23.060	34.4	40.856	17.7	32.512	1.136	2.618	66.5	2.854	2.0	-3.680	3.658	-44.8	5.189
248973.4	843492.9	92.9	32.516	22.984	35.3	39.819	18.8	31.687	1.554	2.887	61.7	3.279	1.1	-3.605	3.535	-44.4	5.049
248972.7	843493.6	92.9	31.442	22.926	36.1	38.913	20.0	30.966	1.909	3.110	58.5	3.649	0.5	-3.565	3.499	-44.5	4.996
248972.0	843494.3	92.9	30.309	22.731	36.9	37.886	21.3	30.149	2.197	3.269	56.1	3.939	0.1	-3.514	3.429	-44.3	4.910
248971.3	843495.0	92.8	28.932	22.220	37.5	36.480	22.8	29.030	2.414	3.350	54.2	4.129	0.4	-3.328	3.148	-43.4	4.581
248970.5	843495.7	92.6	27.195	21.257	38.0	34.517	24.4	27.468	2.558	3.345	52.6	4.211	0.5	-2.856	2.489	-41.1	3.789
248969.8	843496.4	92.5	25.388	20.104	38.4	32.384	26.1	25.770	2.636	3.263	51.1	4.194	0.5	-2.265	1.710	-37.1	2.839
248969.1	843497.1	92.3	23.638	18.897	38.6	30.263	27.8	24.083	2.654	3.114	49.6	4.092	0.4	-1.664	0.960	-30.0	1.921
248968.4	843497.8	92.3	22.455	18.175	39.0	28.888	29.4	22.989	2.624	2.917	48.0	3.923	0.9	-1.644	0.900	-28.7	1.875
248967.7	843498.5	92.2	20.886	16.975	39.1	26.914	31.0	21.418	2.548	2.672	46.4	3.692	0.8	-1.177	0.348	-16.5	1.227
248967.0	843499.2	92.1	19.369	15.756	39.1	24.969	32.5	19.869	2.441	2.401	44.5	3.424	0.6	-0.706	-0.166	13.2	0.725
248966.3	843499.9	91.9	17.875	14.498	39.0	23.015	34.0	18.315	2.311	2.121	42.5	3.136	0.1	-0.177	-0.687	75.6	0.709
248965.5	843500.6	91.6	16.372	13.182	38.8	21.020	35.3	16.727	2.166	1.844	40.4	2.845	0.9	0.481	-1.256	-69.0	1.345
248964.8	843501.3	91.5	15.192	12.166	38.7	19.463	36.6	15.488	2.013	1.578	38.1	2.558	1.5	0.747	-1.435	-62.5	1.617
248964.1	843502.0	91.3	13.964	11.071	38.4	17.820	37.7	14.181	1.858	1.331	35.6	2.286	2.7	1.199	-1.713	-55.0	2.091
248963.4	843502.7	91.2	12.966	10.194	38.2	16.493	38.7	13.125	1.704	1.105	33.0	2.031	3.6	1.359	-1.742	-52.0	2.209
248962.7	843503.4	91.0	12.041	9.374	37.9	15.260	39.7	12.143	1.555	0.904	30.2	1.799	4.5	1.487	-1.731	-49.3	2.282
248962.0	843504.1	90.9	11.169	8.599	37.6	14.095	40.5	11.217	1.412	0.728	27.3	1.589	5.7	1.619	-1.705	-46.5	2.351
248961.3	843504.8	90.8	10.406	7.925	37.3	13.080	41.3	10.409	1.278	0.575	24.2	1.401	6.7	1.639	-1.612	-44.5	2.299
248960.5	843505.5	90.7	9.675	7.278	37.0	12.107	41.9	9.634	1.152	0.447	21.2	1.236	8.0	1.694	-1.530	-42.1	2.283
248959.8	843506.2	90.6	9.037	6.718	36.6	11.261	42.4	8.961	1.036	0.338	18.1	1.090	9.1	1.657	-1.413	-40.5	2.178
248959.1	843506.9	90.5	8.439	6.196	36.3	10.469	42.9	8.331	0.929	0.249	15.0	0.962	10.3	1.627	-1.302	-38.7	2.084
248958.4	843507.6	90.3	7.858	5.692	35.9	9.703	43.3	7.722	0.831	0.182	12.3	0.851	11.9	1.645	-1.203	-36.2	2.038
248957.7	843508.3	90.2	7.334	5.242	35.6	9.014	43.5	7.173	0.742	0.134	10.2	0.754	13.5	1.626	-1.097	-34.0	1.962
248957.0	843509.0	89.9	6.824	4.808	35.2	8.348	43.7	6.643	0.661	0.110	9.5	0.670	15.8	1.649	-0.994	-31.1	1.925
248956.3	843509.7	89.7	6.356	4.415	34.8	7.739	43.7	6.159	0.588	0.107	10.3	0.598	18.1	1.654	-0.886	-28.2	1.876
248955.5	843510.4	89.7	5.980	4.104	34.5	7.253	43.9	5.772	0.521	0.108	11.7	0.532	19.2	1.538	-0.789	-27.2	1.729
248954.8	843511.1	89.5	5.606	3.798	34.1	6.772	44.0	5.389	0.462	0.118	14.4	0.477	21.0	1.476	-0.696	-25.3	1.632

Centerline results between structures [redacted]-6R and [redacted]-6A

3D EMF Point Results Centerline from [redacted]-6R to [redacted]-6A:

Measurement			B					H	EF					Space Potential				
X (m)	Y (m)	Z (m)	Real (uT)	Imaginary (uT)	Angle (deg)	Magnitude (uT)	Polarization Axial Ratio %	Magnitude (A/m)	Real (kV/m)	Imaginary (kV/m)	Angle (deg)	Magnitude (kV/m)	Polarization Axial Ratio %	Real (kV)	Imaginary (kV)	Angle (deg)	Magnitude (kV)	
248807.4	843317.8	117.0	10.126	5.073	26.6	11.326	18.1	9.013	0.572	0.342	30.9	0.667	20.7	0.372	0.313	40.1	0.486	
248806.4	843317.7	117.0	10.045	5.013	26.5	11.226	18.4	8.934	0.542	0.361	33.7	0.651	21.6	0.321	0.331	45.9	0.461	
248805.4	843317.6	117.0	9.983	4.972	26.5	11.152	18.7	8.875	0.516	0.380	36.4	0.640	22.4	0.275	0.352	52.0	0.447	
248804.4	843317.5	117.0	9.939	4.950	26.5	11.104	19.3	8.836	0.493	0.400	39.0	0.635	23.0	0.233	0.376	58.2	0.442	
248803.4	843317.4	117.0	9.915	4.949	26.5	11.082	19.9	8.819	0.475	0.421	41.5	0.634	23.6	0.194	0.403	64.3	0.448	
248802.4	843317.4	117.0	9.909	4.970	26.6	11.086	20.6	8.822	0.459	0.442	43.9	0.637	24.1	0.157	0.435	70.2	0.462	
248801.4	843317.3	117.0	9.920	5.013	26.8	11.115	21.5	8.845	0.446	0.464	46.1	0.644	24.5	0.120	0.470	75.6	0.485	
248800.4	843317.2	117.0	9.949	5.076	27.0	11.169	22.3	8.888	0.436	0.487	48.2	0.654	24.8	0.084	0.510	80.6	0.517	
248799.4	843317.1	117.0	9.992	5.159	27.3	11.245	23.2	8.949	0.427	0.510	50.1	0.666	25.1	0.048	0.555	85.0	0.557	
248798.4	843317.0	117.0	10.050	5.260	27.6	11.343	24.2	9.027	0.420	0.534	51.8	0.680	25.4	0.011	0.604	88.9	0.605	
248797.4	843316.9	117.0	10.121	5.376	28.0	11.460	25.0	9.120	0.415	0.558	53.3	0.695	25.7	-0.027	0.659	-87.6	0.660	
248796.4	843316.8	117.0	10.204	5.506	28.3	11.594	25.9	9.227	0.411	0.582	54.8	0.712	25.9	-0.068	0.719	-84.6	0.722	
248795.4	843316.7	117.0	10.297	5.646	28.7	11.743	26.7	9.345	0.408	0.605	56.0	0.730	26.2	-0.111	0.784	-82.0	0.792	
248794.4	843316.7	117.0	10.399	5.794	29.1	11.904	27.4	9.473	0.406	0.628	57.1	0.747	26.5	-0.156	0.854	-79.7	0.869	
248793.4	843316.6	117.0	10.510	5.947	29.5	12.075	28.0	9.609	0.405	0.650	58.1	0.765	26.8	-0.204	0.930	-77.6	0.952	
248792.5	843316.5	117.0	10.626	6.103	29.9	12.254	28.5	9.752	0.405	0.670	58.9	0.783	27.2	-0.255	1.011	-75.8	1.043	
248791.5	843316.4	117.0	10.748	6.261	30.2	12.439	29.0	9.898	0.406	0.690	59.5	0.800	27.6	-0.310	1.098	-74.3	1.141	
248790.5	843316.3	117.0	10.874	6.418	30.5	12.627	29.4	10.048	0.407	0.708	60.1	0.817	28.0	-0.367	1.191	-72.9	1.246	
248789.5	843316.2	117.0	11.004	6.572	30.8	12.817	29.7	10.200	0.410	0.724	60.5	0.832	28.5	-0.428	1.289	-71.6	1.358	
248788.5	843316.1	117.0	11.136	6.723	31.1	13.008	29.9	10.351	0.413	0.739	60.8	0.847	29.1	-0.492	1.392	-70.5	1.476	
248787.5	843316.0	117.0	11.269	6.869	31.4	13.198	30.1	10.503	0.417	0.752	61.0	0.860	29.7	-0.559	1.501	-69.6	1.602	
248786.5	843316.0	117.0	11.404	7.011	31.6	13.387	30.2	10.653	0.422	0.763	61.0	0.872	30.3	-0.629	1.616	-68.7	1.734	
248785.5	843315.9	117.0	11.538	7.147	31.8	13.573	30.2	10.801	0.428	0.773	61.0	0.883	31.0	-0.702	1.736	-68.0	1.873	

248784.5	843315.8	117.0	11.673	7.278	31.9	13.756	30.2	10.946	0.434	0.780	60.9	0.893	31.8	-0.778	1.862	-67.3	2.018
248783.5	843315.7	117.0	11.807	7.402	32.1	13.935	30.2	11.089	0.442	0.786	60.7	0.902	32.6	-0.856	1.993	-66.8	2.169
248782.5	843315.6	117.0	11.940	7.521	32.2	14.111	30.2	11.229	0.449	0.790	60.4	0.909	33.5	-0.936	2.128	-66.3	2.325
248781.5	843315.5	117.0	12.072	7.635	32.3	14.283	30.1	11.366	0.458	0.793	60.0	0.916	34.4	-1.018	2.268	-65.8	2.486
248780.5	843315.4	117.0	12.202	7.743	32.4	14.451	30.0	11.500	0.467	0.795	59.6	0.922	35.3	-1.101	2.412	-65.5	2.651
248779.5	843315.3	117.0	12.331	7.846	32.5	14.616	29.9	11.631	0.476	0.795	59.1	0.927	36.3	-1.185	2.559	-65.2	2.820
248778.5	843315.2	117.0	12.458	7.945	32.5	14.776	29.8	11.758	0.486	0.794	58.5	0.931	37.3	-1.269	2.710	-64.9	2.992
248777.5	843315.2	117.0	12.584	8.039	32.6	14.932	29.6	11.883	0.496	0.792	57.9	0.935	38.3	-1.353	2.862	-64.7	3.166
248776.5	843315.1	117.0	12.707	8.130	32.6	15.085	29.5	12.004	0.506	0.789	57.3	0.938	39.4	-1.436	3.016	-64.5	3.341
248775.5	843315.0	117.0	12.829	8.216	32.6	15.235	29.4	12.123	0.517	0.786	56.7	0.941	40.5	-1.517	3.171	-64.4	3.516
248774.5	843314.9	116.9	12.905	8.271	32.7	15.328	29.3	12.198	0.525	0.781	56.1	0.941	41.0	-1.611	3.299	-64.0	3.671
248773.5	843314.8	116.4	12.376	7.932	32.7	14.700	29.5	11.698	0.499	0.762	56.8	0.911	33.3	-1.900	3.048	-58.1	3.592
248772.5	843314.7	115.9	11.880	7.615	32.7	14.111	29.7	11.229	0.482	0.745	57.1	0.887	26.0	-2.195	2.811	-52.0	3.567
248771.5	843314.6	115.4	11.390	7.302	32.7	13.530	29.9	10.767	0.474	0.728	56.9	0.869	19.0	-2.505	2.572	-45.8	3.591
248770.5	843314.5	114.8	10.945	7.016	32.7	13.001	30.1	10.346	0.474	0.713	56.4	0.856	13.7	-2.814	2.357	-40.0	3.671
248769.5	843314.5	114.3	10.528	6.749	32.7	12.505	30.3	9.952	0.483	0.699	55.4	0.850	11.5	-3.125	2.156	-34.6	3.797
248768.5	843314.4	113.9	10.172	6.521	32.7	12.083	30.4	9.615	0.498	0.687	54.1	0.848	13.4	-3.420	1.994	-30.3	3.959
248767.5	843314.3	113.4	9.830	6.302	32.7	11.677	30.5	9.292	0.517	0.675	52.5	0.851	17.8	-3.717	1.838	-26.3	4.146
248766.6	843314.2	113.2	9.697	6.217	32.7	11.519	30.5	9.167	0.530	0.665	51.5	0.851	19.4	-3.899	1.838	-25.2	4.311
248765.6	843314.1	113.2	9.821	6.297	32.7	11.667	30.4	9.284	0.528	0.657	51.2	0.843	16.0	-3.924	2.032	-27.4	4.419
248764.6	843314.0	113.2	9.864	6.325	32.7	11.717	30.3	9.324	0.531	0.649	50.7	0.838	14.3	-3.987	2.157	-28.4	4.533
248763.6	843313.9	113.1	9.870	6.328	32.7	11.725	30.2	9.330	0.533	0.642	50.3	0.835	13.4	-4.061	2.249	-29.0	4.643
248762.6	843313.8	113.1	9.875	6.330	32.7	11.729	30.2	9.334	0.536	0.636	49.9	0.831	12.8	-4.128	2.333	-29.5	4.741
248761.6	843313.8	113.0	9.877	6.331	32.7	11.732	30.1	9.336	0.537	0.631	49.6	0.828	12.4	-4.186	2.409	-29.9	4.829
248760.6	843313.7	112.9	9.878	6.330	32.7	11.732	30.1	9.336	0.537	0.627	49.4	0.826	12.2	-4.235	2.477	-30.3	4.906
248759.6	843313.6	112.9	9.878	6.329	32.6	11.732	30.0	9.336	0.537	0.624	49.3	0.823	12.3	-4.276	2.538	-30.7	4.972
248758.6	843313.5	112.7	9.837	6.301	32.6	11.682	30.0	9.296	0.538	0.621	49.1	0.822	13.3	-4.333	2.562	-30.6	5.034
248757.6	843313.4	112.9	10.067	6.446	32.6	11.954	29.8	9.513	0.528	0.623	49.7	0.817	10.1	-4.221	2.771	-33.3	5.050
248756.6	843313.3	112.6	9.863	6.314	32.6	11.711	29.9	9.319	0.532	0.620	49.4	0.817	13.7	-4.359	2.668	-31.5	5.111
248755.6	843313.2	112.5	9.774	6.257	32.6	11.605	29.9	9.235	0.533	0.620	49.3	0.817	15.5	-4.422	2.641	-30.8	5.151
248754.6	843313.1	112.3	9.717	6.218	32.6	11.536	29.9	9.180	0.531	0.620	49.4	0.817	16.8	-4.462	2.628	-30.5	5.178
248753.6	843313.1	112.2	9.655	6.178	32.6	11.462	29.9	9.122	0.529	0.621	49.6	0.816	18.0	-4.498	2.608	-30.1	5.199
248752.6	843313.0	112.2	9.724	6.220	32.6	11.543	29.8	9.186	0.522	0.624	50.1	0.813	17.2	-4.453	2.676	-31.0	5.195
248751.6	843312.9	112.4	9.941	6.356	32.6	11.799	29.6	9.390	0.511	0.628	50.9	0.810	14.7	-4.320	2.845	-33.4	5.173
248750.6	843312.8	111.9	9.501	6.075	32.6	11.278	29.8	8.974	0.520	0.628	50.4	0.815	20.6	-4.570	2.538	-29.0	5.227
248749.6	843312.7	112.1	9.731	6.220	32.6	11.549	29.7	9.190	0.507	0.632	51.2	0.810	17.1	-4.424	2.714	-31.5	5.191
248748.6	843312.6	112.3	9.994	6.384	32.6	11.859	29.5	9.437	0.497	0.637	52.0	0.808	14.4	-4.268	2.908	-34.3	5.164
248747.6	843312.5	112.6	10.265	6.554	32.6	12.179	29.3	9.692	0.491	0.642	52.6	0.808	13.4	-4.116	3.102	-37.0	5.154
248746.6	843312.4	112.6	10.382	6.626	32.5	12.316	29.3	9.801	0.488	0.646	52.9	0.809	13.5	-4.052	3.185	-38.2	5.154
248745.6	843312.4	112.5	10.363	6.613	32.5	12.293	29.2	9.782	0.486	0.648	53.2	0.810	13.1	-4.061	3.175	-38.0	5.155
248744.6	843312.3	112.5	10.350	6.603	32.5	12.277	29.2	9.770	0.484	0.650	53.3	0.810	12.7	-4.070	3.169	-37.9	5.158
248743.6	843312.2	112.5	10.378	6.619	32.5	12.310	29.2	9.796	0.483	0.652	53.5	0.811	12.4	-4.062	3.191	-38.1	5.165
248742.6	843312.1	112.4	10.403	6.633	32.5	12.338	29.2	9.818	0.482	0.654	53.6	0.812	12.0	-4.060	3.211	-38.3	5.176
248741.6	843312.0	112.4	10.412	6.638	32.5	12.348	29.1	9.826	0.482	0.655	53.6	0.813	11.4	-4.071	3.221	-38.4	5.191
248740.7	843311.9	112.3	10.335	6.588	32.5	12.257	29.1	9.754	0.483	0.655	53.6	0.813	10.3	-4.131	3.174	-37.5	5.209
248739.7	843311.8	112.1	10.260	6.539	32.5	12.166	29.2	9.682	0.484	0.655	53.5	0.814	9.3	-4.195	3.127	-36.7	5.233
248738.7	843311.7	112.0	10.184	6.490	32.5	12.076	29.2	9.610	0.486	0.654	53.4	0.815	8.6	-4.266	3.083	-35.8	5.264
248737.7	843311.7	111.9	10.156	6.471	32.5	12.042	29.2	9.583	0.490	0.654	53.2	0.817	8.0	-4.318	3.073	-35.4	5.300
248736.7	843311.6	111.9	10.142	6.462	32.5	12.026	29.2	9.570	0.494	0.653	52.9	0.819	7.5	-4.368	3.077	-35.2	5.343
248735.7	843311.5	111.8	10.132	6.455	32.5	12.013	29.2	9.560	0.498	0.652	52.6	0.821	7.1	-4.421	3.085	-34.9	5.391
248734.7	843311.4	111.8	10.126	6.450	32.5	12.006	29.2	9.554	0.503	0.651	52.3	0.823	6.9	-4.478	3.099	-34.7	5.445
248733.7	843311.3	111.7	10.135	6.454	32.5	12.015	29.1	9.561	0.509	0.649	51.9	0.825	6.6	-4.532	3.125	-34.6	5.505
248732.7	843311.2	111.7	10.161	6.470	32.5	12.047	29.1	9.586	0.515	0.648	51.5	0.827	6.2	-4.580	3.166	-34.7	5.568
248731.7	843311.1	111.7	10.190	6.487	32.5	12.080	29.1	9.613	0.522	0.646	51.1	0.830	6.0	-4.632	3.211	-34.7	5.636
248730.7	843311.0	111.7	10.233	6.514	32.5	12.130	29.0	9.653	0.528	0.643	50.6	0.833	5.6	-4.679	3.268	-34.9	5.707
248729.7	843311.0	111.7	10.285	6.546	32.5	12.191	29.0	9.701	0.535	0.641	50.1	0.835	5.2	-4.725	3.332	-35.2	5.782
248728.7	843310.9	111.6	10.239	6.517	32.5	12.137	29.0	9.658	0.544	0.638	49.5	0.839	6.2	-4.830	3.331	-34.6	5.867
248727.7	843310.8	111.6	10.219	6.503	32.5	12.112	29.0	9.639	0.553	0.635	49.0	0.842	7.0	-4.925	3.348	-34.2	5.956
248726.7	843310.7	111.6	10.275	6.538	32.5	12.179	29.0	9.691	0.561	0.632	48.4	0.845	6.7	-4.977	3.420	-34.5	6.039
248725.7	843310.6	111.6	10.323	6.567	32.5	12.235	29.0	9.736	0.569	0.630	47.9	0.849	6.6	-5.036	3.486	-34.7	6.125
248724.7	843310.5	111.6	10.356	6.587	32.5	12.273	28.9	9.767	0.578	0.627	47.3	0.853	6.8	-5.105	3.542	-34.8	6.214
248723.7	843310.4	111.6	10.388	6.607	32.5	12.311	28.9	9.797	0.586	0.624	46.8	0.856	7.1	-5.175	3.598	-34.8	6.303
248722.7	843310.3	111.5	10.317	6.562	32.5	12.227	28.9	9.730	0.598	0.620	46.1	0.862	9.0	-5.311	3.586	-34.0	6.408
248721.7	843310.2	111.5	10.331	6.570	32.5	12.243	28.9	9.743	0.608	0.618	45.5	0.866	9.6	-5.394	3.630	-33.9	6.502
248720.7	843310.2	111.5	10.412	6.621	32.5	12.339	28.9	9.819	0.615	0.615	45.0	0.870	9.1	-5.432	3.718	-34.4	6.583
248719.7	843310.1	111.6	10.495	6.672	32.4	12.436	28.8	9.897	0.623	0.613	44.6	0.874	8.8	-5.468	3.805	-34.8	6.662
248718.7	843310.0	111.6	10.578	6.724	32.4	12.534	28.8	9.974	0.630	0.611	44.1	0.878	8.5	-5.501	3.891	-35.3	6.738
248717.7	843309.9	111.7	10.661	6.776	32.4	12.632	28.7	10.052	0.637	0.610	43.7	0.882	8.4	-5.530	3.974	-35.7	6.810
248716.7	843309.8	111.7	10.742	6.826	32.4	12.727	28.7	10.128	0.644	0.608	43.4	0.886	8.5	-5.557	4.054	-36.1	6.878
248715.7	843309.7	111.8	10.820	6.875	32.4	12.819	28.6	10.201	0.651	0.607	43.0	0.890	8.7	-5.580	4.130	-36.5	6.943
248714.8	843309.6	111.8	10.899	6.924	32.4	12.912	28.6	10.275	0.657	0.606	42.7	0.894	9.1	-5.598	4.204	-36.9	7.001
248713.8	843309.5	111.9	10.972	6.969	32.4	12.998	28.5	10.344	0.663	0.605	42.4	0.898	9.6	-5.614	4.273	-37.3	7.055
248712.8	843309.5	111.9	11.043	7.013	32.4	13.082	28.5	10.410	0.668	0.605	42.1	0.901	10.3	-5.624	4.338	-37.6	7.102
248711.8	843309.4	112.0	11.111	7.056	32.4	13.162	28.5	10.474	0.673	0.604	41.9	0.905	11.0	-5.629	4.398	-38.0	7.143
248710.8	843309.3	112.0	11.152	7.081	32.4	13.210	28.4	10.512	0.678	0.604	41.7	0.908	11.9	-5.644	4.440	-38.2	7.181
248709.8	843309.2	112.0	11.193	7.106	32.4	13.258	28.4	10.550	0.683	0.603	41.5	0.911	12.9	-5.650	4.480	-38.4	7.211
248708.8	843309.1	112.0	11.233	7.131	32.4	13.305	28.4	10.588	0.686	0.603	41.3	0.913	13.9	-5.648	4.517	-38.7	7.232
248707.8	843309.0	112.0	11.272	7.156	32.4	13.352	28.4	10.625	0.689	0.603	41.2	0.916	14.9	-5.637	4.551	-38.9	7.245
248706.8	843308.9	112.0	11.311	7.180	32.4	13.398	28.3	10.662	0.691	0.603	41.1	0.917	16.0	-5.617	4.583	-39.2	7.249
248705.8	843308.8	112.1	11.350	7.204	32.4	13.443	28.3	10.698	0.693	0.603	41.1	0.919	17.1	-5.587	4.611	-39.5	7.244
248704.8	843308.8	112.1	11.388	7.228	32.4	13.488	28.3	10.733	0.693	0.604	41.1	0.919	18.2	-5.547	4.637	-39.9	7.230
248703.8	843308.7	112.1	11.389	7.228	32.4	13.489	28.3	10.734	0.694	0.604	41.0	0.920	19.3	-5.521	4.639	-40.0	7.212
248702.8	843308.6	112.0	11.344	7.200	32.4	13.436	28.3	10.692	0.694	0.603	41.0	0.920	20.4	-5.515	4.614	-39.9	7.191
248701.8	843308.5	111.9	11.283	7.162	32.4	13.364	28.3	10.634	0.694	0.602	40.9	0.919	21.4	-5.509	4.577	-39.7	7.163
248700.8	843308.4	111.8	11.221	7.123	32.4	13.291	28.4	10.577	0.694	0.602	40.9	0.918	22.5	-5.493	4.537	-39.6	7.125
248699.8	843308.3	111.8	11.159	7.085	32.4	13.218	28.4	10.519	0.692	0.601	41.0	0.917	23.6	-5.467	4.495	-39.4	7.078
248698.8	843308.2	111.7	11.097	7.046	32.4	13.145	28.4	10.461	0.690	0.601	41.0	0.915	24.8	-5.430	4.450	-39.3	7.021

248697.8	843308.1	111.6	11.035	7.007	32.4	13.072	28.5	10.402	0.687	0.600	41.2	0.912	25.9	-5.384	4.402	-39.3	6.954
248696.8	843308.1	111.5	10.972	6.968	32.4	12.998	28.5	10.343	0.683	0.600	41.3	0.909	27.0	-5.327	4.351	-39.2	6.878
248695.8	843308.0	111.4	10.909	6.929	32.4	12.924	28.5	10.285	0.678	0.600	41.5	0.906	28.2	-5.260	4.297	-39.2	6.793
248694.8	843307.9	111.4	10.846	6.890	32.4	12.850	28.5	10.225	0.673	0.600	41.7	0.902	29.3	-5.185	4.241	-39.3	6.698
248693.8	843307.8	111.3	10.783	6.850	32.4	12.775	28.6	10.166	0.667	0.601	42.0	0.897	30.4	-5.100	4.182	-39.3	6.595
248692.8	843307.7	111.2	10.720	6.811	32.4	12.700	28.6	10.107	0.659	0.601	42.3	0.892	31.4	-5.007	4.120	-39.4	6.484
248691.8	843307.6	111.1	10.656	6.771	32.4	12.625	28.6	10.047	0.651	0.601	42.7	0.887	32.4	-4.906	4.055	-39.6	6.365
248690.8	843307.5	111.0	10.588	6.729	32.4	12.546	28.7	9.983	0.643	0.602	43.1	0.880	33.4	-4.800	3.985	-39.7	6.239
248689.8	843307.4	111.0	10.519	6.686	32.4	12.464	28.7	9.918	0.633	0.602	43.5	0.874	34.3	-4.689	3.912	-39.8	6.106
248688.9	843307.4	110.8	10.360	6.586	32.4	12.276	28.8	9.769	0.625	0.601	43.9	0.868	35.3	-4.629	3.781	-39.2	5.977
248687.9	843307.3	110.7	10.314	6.558	32.4	12.223	28.8	9.727	0.614	0.602	44.5	0.860	36.0	-4.490	3.717	-39.6	5.829
248686.9	843307.2	110.7	10.321	6.562	32.4	12.230	28.8	9.733	0.601	0.604	45.2	0.852	36.5	-4.316	3.682	-40.5	5.674
248685.9	843307.1	110.6	10.255	6.521	32.5	12.153	28.8	9.671	0.588	0.605	45.8	0.844	37.0	-4.185	3.601	-40.7	5.521
248684.9	843307.0	110.5	10.181	6.475	32.5	12.065	28.8	9.601	0.575	0.605	46.5	0.835	37.3	-4.056	3.512	-40.9	5.365
248683.9	843306.9	110.5	10.103	6.427	32.5	11.974	28.9	9.529	0.562	0.606	47.1	0.827	37.5	-3.929	3.417	-41.0	5.207
248682.9	843306.8	110.0	9.727	6.192	32.5	11.530	29.1	9.176	0.554	0.604	47.5	0.820	38.6	-3.979	3.124	-38.1	5.058
248681.9	843306.7	109.5	9.324	5.939	32.5	11.054	29.2	8.797	0.550	0.603	47.6	0.816	40.7	-4.049	2.796	-34.6	4.920
248680.9	843306.7	109.0	8.932	5.693	32.5	10.592	29.4	8.429	0.548	0.604	47.8	0.815	43.8	-4.117	2.459	-30.8	4.795
248679.9	843306.6	108.5	8.535	5.444	32.5	10.124	29.6	8.056	0.551	0.607	47.8	0.820	48.2	-4.195	2.098	-26.6	4.691
248678.9	843306.5	108.6	8.600	5.485	32.5	10.200	29.6	8.117	0.527	0.609	49.1	0.805	45.6	-3.977	2.089	-27.7	4.492
248677.9	843306.4	108.6	8.628	5.504	32.5	10.234	29.6	8.144	0.507	0.611	50.3	0.794	43.4	-3.792	2.050	-28.4	4.311
248676.9	843306.3	108.6	8.618	5.498	32.5	10.223	29.6	8.135	0.490	0.613	51.4	0.785	41.8	-3.642	1.978	-28.5	4.144
248675.9	843306.2	108.6	8.596	5.484	32.5	10.197	29.6	8.114	0.476	0.616	52.3	0.779	40.2	-3.509	1.894	-28.4	3.988
248674.9	843306.1	108.5	8.562	5.463	32.5	10.156	29.6	8.082	0.463	0.620	53.3	0.773	38.7	-3.394	1.798	-27.9	3.841
248673.9	843306.0	108.5	8.534	5.445	32.5	10.123	29.6	8.056	0.451	0.623	54.1	0.769	37.2	-3.286	1.704	-27.4	3.702
248672.9	843306.0	108.4	8.491	5.419	32.5	10.072	29.6	8.015	0.442	0.628	54.9	0.767	36.1	-3.199	1.595	-26.5	3.575
248671.9	843305.9	108.3	8.419	5.374	32.6	9.988	29.7	7.949	0.435	0.633	55.5	0.768	35.5	-3.140	1.460	-24.9	3.463
248670.9	843305.8	108.2	8.358	5.336	32.6	9.916	29.7	7.891	0.431	0.638	56.0	0.770	35.1	-3.088	1.329	-23.3	3.362
248669.9	843305.7	108.1	8.275	5.284	32.6	9.818	29.7	7.813	0.430	0.644	56.3	0.775	35.5	-3.061	1.176	-21.0	3.279
248668.9	843305.6	108.0	8.192	5.232	32.6	9.720	29.8	7.735	0.433	0.651	56.4	0.782	36.4	-3.048	1.019	-18.5	3.214
248667.9	843305.5	108.3	8.395	5.360	32.6	9.961	29.7	7.926	0.420	0.654	57.3	0.777	31.6	-2.891	1.113	-21.1	3.098
248666.9	843305.4	108.6	8.611	5.496	32.6	10.216	29.6	8.129	0.412	0.657	57.9	0.776	27.0	-2.746	1.214	-23.8	3.003
248665.9	843305.3	108.9	8.832	5.636	32.5	10.477	29.5	8.337	0.406	0.661	58.4	0.776	22.7	-2.616	1.315	-26.7	2.928
248664.9	843305.2	109.2	9.065	5.783	32.5	10.753	29.3	8.557	0.404	0.666	58.7	0.779	18.6	-2.495	1.422	-29.7	2.872
248663.9	843305.2	109.5	9.316	5.940	32.5	11.048	29.2	8.792	0.405	0.671	58.9	0.784	14.6	-2.381	1.538	-32.9	2.835
248663.0	843305.1	109.9	9.583	6.108	32.5	11.364	29.1	9.043	0.409	0.676	58.9	0.790	11.0	-2.273	1.664	-36.2	2.817
248662.0	843305.0	110.2	9.849	6.275	32.5	11.678	29.0	9.293	0.415	0.682	58.7	0.798	8.1	-2.178	1.784	-39.3	2.815
248661.0	843304.9	110.5	10.125	6.448	32.5	12.004	28.8	9.552	0.423	0.688	58.4	0.808	6.2	-2.091	1.906	-42.4	2.829
248660.0	843304.8	110.8	10.407	6.624	32.5	12.336	28.7	9.817	0.433	0.695	58.1	0.819	6.2	-2.011	2.029	-45.2	2.857
248659.0	843304.7	111.1	10.693	6.802	32.5	12.673	28.6	10.085	0.444	0.702	57.7	0.831	7.8	-1.940	2.150	-47.9	2.896
248658.0	843304.6	111.4	10.974	6.980	32.5	13.005	28.4	10.349	0.456	0.709	57.3	0.843	10.1	-1.903	2.290	-50.3	2.977
248657.0	843304.5	111.7	11.276	7.168	32.4	13.362	28.3	10.633	0.469	0.717	56.8	0.857	12.8	-1.840	2.414	-52.7	3.035
248656.0	843304.5	111.9	11.419	7.257	32.4	13.530	28.2	10.767	0.479	0.723	56.5	0.868	12.8	-1.851	2.430	-52.7	3.054
248655.0	843304.4	112.0	11.560	7.345	32.4	13.696	28.1	10.899	0.489	0.729	56.2	0.878	12.8	-1.867	2.444	-52.6	3.076
248654.0	843304.3	112.2	11.702	7.433	32.4	13.863	28.1	11.032	0.499	0.735	55.9	0.889	12.8	-1.888	2.458	-52.5	3.099
248653.0	843304.2	112.3	11.846	7.523	32.4	14.033	28.0	11.167	0.508	0.742	55.6	0.899	12.8	-1.911	2.473	-52.3	3.126
248652.0	843304.1	112.5	11.991	7.613	32.4	14.204	27.9	11.303	0.518	0.748	55.3	0.909	12.8	-1.937	2.489	-52.1	3.154
248651.0	843304.0	112.6	12.138	7.704	32.4	14.377	27.8	11.441	0.527	0.754	55.0	0.920	12.8	-1.964	2.505	-51.9	3.183
248650.0	843303.9	112.8	12.287	7.796	32.4	14.552	27.8	11.580	0.537	0.760	54.8	0.930	12.9	-1.993	2.521	-51.7	3.214
248649.0	843303.8	112.9	12.437	7.889	32.4	14.728	27.7	11.720	0.546	0.766	54.5	0.940	12.9	-2.023	2.538	-51.4	3.246
248648.0	843303.8	113.0	12.589	7.983	32.4	14.906	27.6	11.862	0.555	0.772	54.3	0.951	12.9	-2.054	2.555	-51.2	3.278
248647.0	843303.7	113.2	12.742	8.077	32.4	15.087	27.5	12.006	0.563	0.778	54.1	0.961	13.0	-2.085	2.572	-51.0	3.311
248646.0	843303.6	113.3	12.897	8.173	32.4	15.269	27.5	12.151	0.572	0.784	53.9	0.971	13.1	-2.115	2.590	-50.8	3.344
248645.0	843303.5	113.5	13.054	8.269	32.4	15.453	27.4	12.297	0.581	0.790	53.7	0.981	13.1	-2.146	2.609	-50.6	3.378
248644.0	843303.4	113.6	13.212	8.367	32.3	15.638	27.3	12.445	0.589	0.797	53.5	0.991	13.2	-2.176	2.627	-50.4	3.411
248643.0	843303.3	113.8	13.372	8.465	32.3	15.826	27.2	12.594	0.597	0.803	53.4	1.000	13.3	-2.206	2.646	-50.2	3.445
248642.0	843303.2	113.9	13.533	8.564	32.3	16.016	27.1	12.745	0.605	0.809	53.2	1.010	13.5	-2.235	2.665	-50.0	3.478
248641.0	843303.1	114.1	13.696	8.665	32.3	16.207	27.1	12.897	0.613	0.815	53.1	1.020	13.6	-2.263	2.684	-49.9	3.511
248640.0	843303.1	114.2	13.861	8.766	32.3	16.400	27.0	13.051	0.621	0.821	52.9	1.030	13.8	-2.291	2.704	-49.7	3.544
248639.0	843303.0	114.3	14.028	8.867	32.3	16.595	26.9	13.206	0.629	0.828	52.8	1.039	13.9	-2.318	2.724	-49.6	3.576
248638.0	843302.9	114.5	14.196	8.970	32.3	16.792	26.8	13.363	0.636	0.834	52.6	1.049	14.1	-2.344	2.744	-49.5	3.608
248637.1	843302.8	114.6	14.365	9.074	32.3	16.991	26.7	13.521	0.644	0.840	52.5	1.058	14.2	-2.369	2.764	-49.4	3.640
248636.1	843302.7	114.8	14.537	9.179	32.3	17.192	26.6	13.681	0.652	0.846	52.4	1.068	14.4	-2.394	2.784	-49.3	3.671
248635.1	843302.6	114.9	14.710	9.284	32.3	17.395	26.6	13.842	0.659	0.852	52.3	1.078	14.6	-2.418	2.804	-49.2	3.703
248634.1	843302.5	115.1	14.885	9.391	32.2	17.599	26.5	14.005	0.667	0.859	52.2	1.087	14.8	-2.441	2.825	-49.2	3.733
248633.1	843302.4	115.2	15.061	9.498	32.2	17.806	26.4	14.169	0.674	0.865	52.1	1.097	15.0	-2.464	2.845	-49.1	3.764
248632.1	843302.4	115.4	15.239	9.606	32.2	18.014	26.3	14.335	0.682	0.871	51.9	1.106	15.2	-2.486	2.866	-49.1	3.794
248631.1	843302.3	115.5	15.419	9.715	32.2	18.224	26.2	14.502	0.690	0.877	51.8	1.116	15.4	-2.507	2.887	-49.0	3.824
248630.1	843302.2	115.6	15.600	9.825	32.2	18.437	26.1	14.671	0.697	0.884	51.7	1.126	15.6	-2.528	2.908	-49.0	3.853
248629.1	843302.1	115.8	15.783	9.936	32.2	18.651	26.0	14.842	0.705	0.890	51.6	1.135	15.8	-2.548	2.929	-49.0	3.882
248628.1	843302.0	115.9	15.968	10.048	32.2	18.867	25.9	15.014	0.713	0.896	51.5	1.145	16.0	-2.568	2.950	-49.0	3.911
248627.1	843301.9	116.1	16.155	10.161	32.2	19.084	25.8	15.187	0.720	0.902	51.4	1.155	16.2	-2.587	2.972	-49.0	3.940
248626.1	843301.8	116.2	16.343	10.274	32.2	19.304	25.8	15.362	0.728	0.909	51.3	1.164	16.4	-2.606	2.993	-49.0	3.968
248625.1	843301.7	116.4	16.533	10.388	32.1	19.526	25.7	15.538	0.736	0.915	51.2	1.174	16.6	-2.624	3.015	-49.0	3.997
248624.1	843301.7	116.5	16.724	10.504	32.1	19.749	25.6	15.716	0.744	0.921	51.1	1.184	16.8	-2.642	3.036	-49.0	4.025
248623.1	843301.6	116.7	16.918	10.620	32.1	19.975	25.5	15.895	0.751	0.927	51.0	1.194	17.0	-2.660	3.058	-49.0	4.053
248622.1	843301.5	116.8	17.113	10.737	32.1	20.202	25.4	16.076	0.759	0.934	50.9	1.203	17.2	-2.677	3.079	-49.0	4.080
248621.1	843301.4	116.9	17.309	10.854	32.1	20.431	25.3	16.258	0.767	0.940	50.8	1.213	17.4	-2.694	3.101	-49.0	4.108
248620.1	843301.3	117.1	17.507	10.973	32.1	20.662	25.2	16.442	0.775	0.946	50.7	1.223	17.6	-2.710	3.123	-49.0	4.135
248619.1	843301.2	117.2	17.707	11.092	32.1	20.895	25.1	16.627	0.783	0.952	50.5	1.233	17.9	-2.727	3.145	-49.1	4.162
248618.1	843301.1	117.4	17.909	11.213	32.1	21.129	25.0	16.814	0.792	0.958	50.4	1.243	18.1	-2.742	3.167	-49.1	4.189
248617.1	843301.0	117.5	18.112	11.334	32.0	21.366	24.9	17.002	0.800	0.964	50.3	1.253	18.3	-2.758	3.189	-49.1	4.216
248616.1	843301.0	117.7	18.317	11.456	32.0	21.604	24.8	17.192	0.808	0.970	50.2	1.263	18.5	-2.773	3.211	-49.2	4.243
248615.1	843300.9	117.8	18.523	11.578	32.0	21.844	24.7	17.383	0.816	0.976	50.1	1.273	18.7	-2.789	3.233	-49.2	4.270
248614.1	843300.8	118.0	18.731	11.702	32.0	22.086	24.6	17.575	0.825	0.982	50.0	1.283	18.9	-2.803	3.255	-49.3	4.296
248613.1	843300.7	118.1	18.941	11.826	32.0	22.330	24.5	17.769	0.833	0.988	49.9	1.293	19.1	-2.818	3.278	-49.3	4.323
248612.1	843300.6	118.2	19.152	11.951	32.0	22.575	24.4	17.965	0.842	0.994	49.8	1.303	19.3	-2.832	3.300	-49.4	4.349

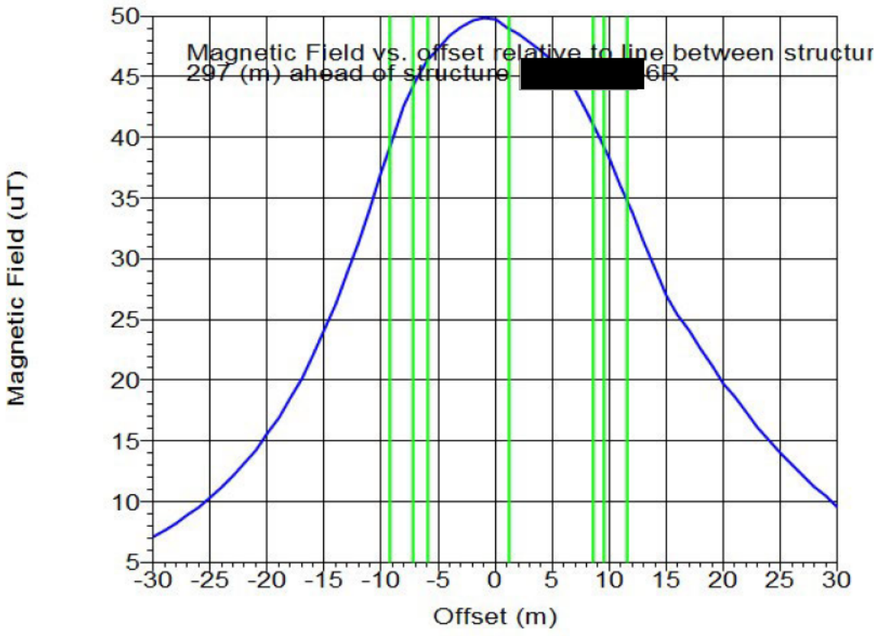
248611.2	843300.5	118.4	19.365	12.076	31.9	22.822	24.3	18.161	0.850	1.000	49.6	1.313	19.6	-2.847	3.323	-49.4	4.375
248610.2	843300.4	118.5	19.579	12.203	31.9	23.071	24.2	18.359	0.859	1.006	49.5	1.323	19.8	-2.861	3.345	-49.5	4.401
248609.2	843300.3	118.7	19.795	12.330	31.9	23.321	24.1	18.559	0.867	1.012	49.4	1.333	20.0	-2.874	3.368	-49.5	4.427
248608.2	843300.3	118.8	20.013	12.458	31.9	23.574	24.0	18.759	0.876	1.018	49.3	1.343	20.2	-2.888	3.390	-49.6	4.453
248607.2	843300.2	119.0	20.232	12.587	31.9	23.828	23.9	18.961	0.885	1.023	49.1	1.353	20.4	-2.901	3.413	-49.6	4.479
248606.2	843300.1	119.1	20.453	12.716	31.9	24.083	23.8	19.165	0.894	1.029	49.0	1.363	20.6	-2.914	3.436	-49.7	4.505
248605.2	843300.0	119.2	20.675	12.846	31.9	24.340	23.7	19.370	0.903	1.035	48.9	1.373	20.8	-2.927	3.459	-49.8	4.531
248604.2	843299.9	119.4	20.898	12.976	31.8	24.599	23.6	19.576	0.912	1.040	48.8	1.383	21.1	-2.940	3.482	-49.8	4.557
248603.2	843299.8	119.5	21.123	13.107	31.8	24.860	23.5	19.783	0.921	1.046	48.6	1.394	21.3	-2.952	3.505	-49.9	4.582
248602.2	843299.7	119.7	21.350	13.239	31.8	25.122	23.4	19.991	0.930	1.052	48.5	1.404	21.5	-2.964	3.528	-50.0	4.608
248601.2	843299.6	119.8	21.578	13.372	31.8	25.385	23.2	20.201	0.939	1.057	48.4	1.414	21.7	-2.977	3.551	-50.0	4.634
248600.2	843299.5	120.0	21.807	13.505	31.8	25.650	23.1	20.412	0.949	1.062	48.2	1.424	21.9	-2.988	3.575	-50.1	4.659
248599.2	843299.5	120.1	22.038	13.638	31.8	25.917	23.0	20.624	0.958	1.068	48.1	1.435	22.1	-3.000	3.598	-50.2	4.685
248598.2	843299.4	120.3	22.270	13.773	31.7	26.185	22.9	20.837	0.967	1.073	48.0	1.445	22.4	-3.011	3.622	-50.3	4.710
248597.2	843299.3	120.4	22.503	13.907	31.7	26.454	22.8	21.051	0.977	1.079	47.8	1.455	22.6	-3.023	3.646	-50.3	4.736
248596.2	843299.2	120.5	22.738	14.042	31.7	26.725	22.7	21.267	0.986	1.084	47.7	1.465	22.8	-3.034	3.670	-50.4	4.761
248595.2	843299.1	120.7	22.974	14.178	31.7	26.997	22.6	21.483	0.996	1.089	47.6	1.476	23.0	-3.044	3.694	-50.5	4.787
248594.2	843299.0	120.8	23.211	14.314	31.7	27.270	22.5	21.701	1.005	1.094	47.4	1.486	23.2	-3.055	3.719	-50.6	4.812
248593.2	843298.9	121.0	23.450	14.451	31.6	27.545	22.4	21.920	1.015	1.099	47.3	1.496	23.4	-3.065	3.743	-50.7	4.838
248592.2	843298.8	121.1	23.690	14.588	31.6	27.821	22.3	22.139	1.025	1.104	47.1	1.507	23.6	-3.075	3.768	-50.8	4.864
248591.2	843298.8	121.3	23.931	14.725	31.6	28.098	22.2	22.360	1.035	1.109	47.0	1.517	23.8	-3.085	3.793	-50.9	4.889
248590.2	843298.7	121.4	24.173	14.863	31.6	28.377	22.1	22.581	1.045	1.114	46.8	1.527	24.1	-3.094	3.819	-51.0	4.915
248589.2	843298.6	121.6	24.416	15.002	31.6	28.656	21.9	22.804	1.055	1.119	46.7	1.538	24.3	-3.103	3.845	-51.1	4.941
248588.2	843298.5	121.7	24.660	15.140	31.5	28.937	21.8	23.027	1.065	1.124	46.6	1.548	24.5	-3.112	3.871	-51.2	4.967
248587.2	843298.4	121.8	24.905	15.279	31.5	29.219	21.7	23.251	1.075	1.129	46.4	1.559	24.7	-3.120	3.898	-51.3	4.993
248586.2	843298.3	122.0	25.152	15.418	31.5	29.501	21.6	23.477	1.085	1.134	46.3	1.569	24.9	-3.128	3.925	-51.4	5.019
248585.3	843298.2	122.1	25.399	15.558	31.5	29.785	21.5	23.702	1.095	1.138	46.1	1.580	25.1	-3.136	3.952	-51.6	5.045
248584.3	843298.1	122.3	25.648	15.697	31.5	30.070	21.4	23.929	1.105	1.143	46.0	1.590	25.3	-3.143	3.980	-51.7	5.071
248583.3	843298.1	122.4	25.897	15.837	31.4	30.356	21.3	24.156	1.116	1.148	45.8	1.601	25.5	-3.149	4.009	-51.8	5.098
248582.3	843298.0	122.6	26.147	15.978	31.4	30.642	21.2	24.384	1.126	1.152	45.7	1.611	25.7	-3.155	4.038	-52.0	5.124
248581.3	843297.9	122.7	26.398	16.118	31.4	30.930	21.0	24.613	1.136	1.157	45.5	1.622	25.9	-3.161	4.068	-52.1	5.151
248580.3	843297.8	122.9	26.650	16.259	31.4	31.218	20.9	24.842	1.147	1.162	45.4	1.632	26.1	-3.166	4.098	-52.3	5.178
248579.3	843297.7	123.0	26.903	16.399	31.4	31.507	20.8	25.072	1.158	1.166	45.2	1.643	26.3	-3.170	4.129	-52.5	5.206
248578.3	843297.6	123.1	27.156	16.540	31.3	31.797	20.7	25.303	1.168	1.171	45.1	1.654	26.5	-3.173	4.161	-52.7	5.233
248577.3	843297.5	123.3	27.410	16.681	31.3	32.087	20.6	25.534	1.179	1.175	44.9	1.664	26.7	-3.176	4.194	-52.9	5.261
248576.3	843297.4	123.4	27.665	16.822	31.3	32.378	20.5	25.765	1.190	1.179	44.8	1.675	26.8	-3.178	4.228	-53.1	5.289
248575.3	843297.4	123.6	27.920	16.963	31.3	32.669	20.4	25.997	1.201	1.184	44.6	1.686	27.0	-3.179	4.263	-53.3	5.317
248574.3	843297.3	123.7	28.182	17.109	31.3	32.969	20.3	26.236	1.212	1.190	44.5	1.698	27.2	-3.188	4.283	-53.3	5.340
248573.3	843297.2	123.9	28.439	17.250	31.2	33.261	20.1	26.469	1.223	1.194	44.3	1.709	27.4	-3.187	4.320	-53.6	5.368
248572.3	843297.1	124.0	28.696	17.391	31.2	33.554	20.0	26.702	1.234	1.199	44.2	1.720	27.5	-3.184	4.358	-53.8	5.397
248571.3	843297.0	124.2	28.953	17.532	31.2	33.848	19.9	26.935	1.245	1.203	44.0	1.731	27.7	-3.180	4.397	-54.1	5.427
248570.3	843296.9	124.3	29.211	17.673	31.2	34.141	19.8	27.169	1.256	1.208	43.9	1.742	27.9	-3.174	4.437	-54.4	5.456
248569.3	843296.8	124.4	29.470	17.813	31.2	34.435	19.7	27.403	1.267	1.212	43.7	1.754	28.1	-3.167	4.479	-54.7	5.485
248568.3	843296.7	124.6	29.728	17.954	31.1	34.729	19.6	27.636	1.279	1.216	43.6	1.765	28.2	-3.157	4.521	-55.1	5.514
248567.3	843296.7	124.7	29.987	18.094	31.1	35.023	19.5	27.871	1.290	1.220	43.4	1.776	28.4	-3.146	4.564	-55.4	5.543
248566.3	843296.6	124.9	30.246	18.234	31.1	35.317	19.4	28.105	1.302	1.225	43.2	1.787	28.6	-3.132	4.608	-55.8	5.572
248565.3	843296.5	125.0	30.505	18.374	31.1	35.611	19.2	28.339	1.313	1.229	43.1	1.798	28.7	-3.116	4.653	-56.2	5.600
248564.3	843296.4	125.2	30.765	18.513	31.0	35.906	19.1	28.573	1.325	1.233	42.9	1.810	28.9	-3.097	4.699	-56.6	5.627
248563.3	843296.3	125.3	31.024	18.653	31.0	36.200	19.0	28.807	1.337	1.236	42.8	1.821	29.1	-3.075	4.744	-57.1	5.653
248562.3	843296.2	125.5	31.283	18.791	31.0	36.493	18.9	29.041	1.348	1.240	42.6	1.832	29.3	-3.050	4.789	-57.5	5.678
248561.3	843296.1	125.6	31.543	18.930	31.0	36.787	18.8	29.274	1.360	1.243	42.4	1.843	29.4	-3.021	4.833	-58.0	5.700
248560.3	843296.0	125.7	31.802	19.068	30.9	37.080	18.7	29.508	1.372	1.246	42.3	1.853	29.6	-2.990	4.876	-58.5	5.720
248559.4	843296.0	125.9	32.061	19.206	30.9	37.373	18.6	29.741	1.383	1.249	42.1	1.864	29.8	-2.954	4.917	-59.0	5.736
248558.4	843295.9	126.0	32.320	19.343	30.9	37.666	18.5	29.974	1.395	1.251	41.9	1.874	29.9	-2.915	4.955	-59.5	5.748
248557.4	843295.8	126.2	32.579	19.479	30.9	37.958	18.4	30.206	1.406	1.253	41.7	1.883	30.1	-2.871	4.988	-60.1	5.756
248556.4	843295.7	126.3	32.837	19.615	30.9	38.249	18.3	30.438	1.418	1.254	41.5	1.893	30.2	-2.824	5.017	-60.6	5.757
248555.4	843295.6	126.5	33.095	19.751	30.8	38.540	18.1	30.669	1.429	1.254	41.3	1.901	30.4	-2.772	5.040	-61.2	5.752
248554.4	843295.5	126.6	33.352	19.886	30.8	38.830	18.0	30.900	1.440	1.254	41.0	1.909	30.5	-2.716	5.056	-61.8	5.739
248553.4	843295.4	126.8	33.609	20.020	30.8	39.120	17.9	31.131	1.451	1.253	40.8	1.917	30.7	-2.656	5.063	-62.3	5.717
248552.4	843295.3	126.9	33.865	20.153	30.8	39.408	17.8	31.360	1.462	1.251	40.6	1.924	30.8	-2.592	5.060	-62.9	5.686
248551.4	843295.3	127.0	34.121	20.286	30.7	39.696	17.7	31.589	1.472	1.250	40.3	1.931	30.9	-2.525	5.047	-63.4	5.644
248550.4	843295.2	127.2	34.376	20.418	30.7	39.983	17.6	31.817	1.482	1.247	40.1	1.937	31.0	-2.456	5.023	-63.9	5.591
248549.4	843295.1	127.3	34.630	20.550	30.7	40.268	17.5	32.045	1.491	1.244	39.8	1.942	31.0	-2.384	4.987	-64.5	5.527
248548.4	843295.0	127.5	34.884	20.680	30.7	40.553	17.4	32.271	1.501	1.242	39.6	1.948	31.0	-2.311	4.939	-64.9	5.453
248547.4	843294.9	127.6	35.136	20.810	30.6	40.837	17.3	32.497	1.509	1.238	39.4	1.952	30.9	-2.239	4.880	-65.4	5.369
248546.4	843294.8	127.8	35.388	20.939	30.6	41.119	17.2	32.721	1.518	1.235	39.1	1.957	30.7	-2.168	4.811	-65.7	5.277
248545.4	843294.7	127.9	35.662	21.080	30.6	41.426	17.1	32.966	1.527	1.232	38.9	1.962	30.6	-2.093	4.740	-66.2	5.181
248544.4	843294.6	128.2	36.569	21.556	30.5	42.449	16.7	33.780	1.554	1.241	38.6	1.989	34.0	-1.831	4.806	-69.1	5.143
248543.4	843294.5	128.2	36.137	21.320	30.5	41.957	16.9	33.388	1.542	1.225	38.5	1.970	29.6	-1.983	4.564	-66.5	4.976
248542.4	843294.5	128.3	36.384	21.445	30.5	42.234	16.8	33.609	1.551	1.222	38.2	1.974	29.1	-1.936	4.477	-66.6	4.877
248541.4	843294.4	128.5	36.630	21.569	30.5	42.509	16.7	33.827	1.560	1.218	38.0	1.979	28.5	-1.900	4.391	-66.6	4.785
248540.4	843294.3	128.6	36.875	21.692	30.5	42.782	16.6	34.045	1.570	1.214	37.7	1.984	27.8	-1.876	4.311	-66.5	4.701
248539.4	843294.2	128.8	37.171	21.842	30.4	43.113	16.5	34.309	1.583	1.210	37.4	1.992	27.5	-1.849	4.249	-66.5	4.634
248538.4	843294.1	129.0	37.672	22.099	30.4	43.676	16.3	34.756	1.602	1.210	37.1	2.008	28.4	-1.773	4.244	-67.3	4.600
248537.4	843294.0	129.1	37.960	22.243	30.4	43.997	16.1	35.011	1.618	1.207	36.7	2.019	28.3	-1.774	4.199	-67.1	4.559
248536.4	843293.9	129.3	38.112	22.316	30.4	44.164	16.1	35.145	1.632	1.202	36.4	2.026	27.6	-1.827	4.134	-66.2	4.520
248535.4	843293.8	129.4	38.242	22.377	30.3	44.307	16.0	35.259	1.646	1.197	36.0	2.035	27.0	-1.899	4.073	-65.0	4.494
248534.4	843293.8	129.5	38.369	22.436	30.3	44.447	16.0	35.370	1.663	1.193	35.7	2.046	26.5	-1.981	4.020	-63.8	4.482
248533.5	843293.7	129.6	38.547	22.521	30.3	44.644	15.9	35.526	1.682	1.190	35.3	2.060	26.6	-2.055	3.986	-62.7	4.485
248532.5	843293.6	129.8	38.779	22.635	30.3	44.902	15.8	35.732	1.703	1.190	34.9	2.078	27.2	-2.117	3.970	-61.9	4.499
248531.5	843293.5	129.9	39.010	22.747	30.2	45.157	15.7	35.935	1.726	1.192	34.6	2.098	28.0	-2.181	3.955	-61.1	4.517
248530.5	843293.4	130.1	39.238	22.858	30.2	45.411	15.6	36.137	1.749	1.196	34.4	2.118	28.9	-2.243	3.941	-60.4	4.535
248529.5	843293.3	130.2	39.465	22.967	30.2	45.662	15.5	36.336	1.772	1.201	34.1	2.140	30.0	-2.301	3.925	-59.6	4.549
248528.5	843293.2	130.4	39.690	23.075	30.2	45.910	15.5	36.534	1.794	1.208	34.0	2.163	31.1	-2.350	3.904	-59.0	4.556
248527.5	843293.1	130.5	39.912	23.182	30.1	46.156	15.4	36.730	1.816	1.217	33.8	2.186	32.3	-2.386	3.876	-58.4	4.552
248526.5	843293.1	130.6	40.133	23.287	30.1	46.399	15.3	36.924	1.836	1.228	33.8	2.209	33.5	-2.406	3.840	-57.9	4.532
248525.5	843293.0	130.8	40.351	23.391	30.1	46.640	15.2	37.115	1.855	1.240	33.8	2.232	34.9	-2.406	3.796	-57.6	4.494

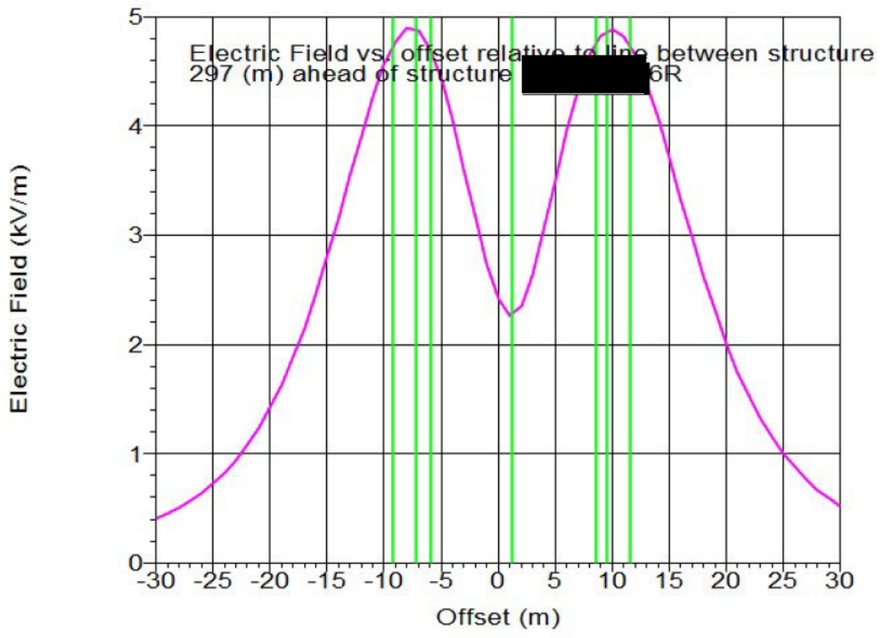
248524.5	843292.9	130.9	40.567	23.493	30.1	46.878	15.1	37.305	1.872	1.254	33.8	2.253	36.3	-2.382	3.742	-57.5	4.436
248523.5	843292.8	131.1	40.780	23.594	30.1	47.114	15.0	37.492	1.887	1.268	33.9	2.274	37.7	-2.332	3.678	-57.6	4.354
248522.5	843292.7	131.2	40.992	23.693	30.0	47.346	14.9	37.677	1.900	1.284	34.0	2.293	39.3	-2.251	3.604	-58.0	4.249
248521.5	843292.6	131.4	41.201	23.791	30.0	47.576	14.9	37.860	1.911	1.299	34.2	2.311	40.9	-2.138	3.521	-58.7	4.119
248520.5	843292.5	131.5	41.407	23.887	30.0	47.803	14.8	38.040	1.920	1.315	34.4	2.327	42.6	-1.991	3.430	-59.9	3.966
248519.5	843292.4	131.7	41.611	23.981	30.0	48.027	14.7	38.218	1.926	1.331	34.6	2.341	44.3	-1.809	3.332	-61.5	3.791
248518.5	843292.4	131.8	41.812	24.074	29.9	48.247	14.6	38.394	1.931	1.347	34.9	2.354	46.2	-1.591	3.228	-63.8	3.599
248517.5	843292.3	131.9	42.011	24.165	29.9	48.465	14.6	38.567	1.934	1.362	35.2	2.365	48.1	-1.339	3.119	-66.8	3.395
248516.5	843292.2	132.1	42.207	24.254	29.9	48.679	14.5	38.738	1.936	1.377	35.4	2.375	50.2	-1.053	3.007	-70.7	3.186
248515.5	843292.1	132.2	42.400	24.342	29.9	48.891	14.4	38.906	1.937	1.391	35.7	2.385	52.3	-0.735	2.893	-75.8	2.985
248514.5	843292.0	132.4	42.590	24.428	29.8	49.098	14.3	39.071	1.938	1.405	35.9	2.394	54.4	-0.387	2.779	-82.1	2.806
248513.5	843291.9	132.5	42.778	24.512	29.8	49.303	14.3	39.234	1.939	1.418	36.2	2.402	56.7	-0.012	2.665	-89.7	2.665
248512.5	843291.8	132.7	42.964	24.595	29.8	49.506	14.2	39.396	1.941	1.430	36.4	2.411	58.9	0.387	2.554	81.4	2.583
248511.5	843291.7	132.8	43.161	24.683	29.8	49.721	14.1	39.566	1.944	1.442	36.6	2.421	61.2	0.811	2.449	71.7	2.580
248510.5	843291.7	132.9	43.040	24.612	29.8	49.580	14.2	39.454	1.928	1.447	36.9	2.411	62.4	1.156	2.283	63.2	2.559
248509.5	843291.6	132.9	42.678	24.421	29.8	49.171	14.3	39.129	1.897	1.446	37.3	2.385	62.9	1.446	2.071	55.1	2.526
248508.5	843291.5	133.0	42.145	24.144	29.8	48.570	14.5	38.651	1.854	1.442	37.9	2.349	62.8	1.702	1.826	47.0	2.497
248507.6	843291.4	133.0	41.610	23.865	29.8	47.968	14.8	38.172	1.811	1.437	38.4	2.312	62.7	1.972	1.585	38.8	2.530
248506.6	843291.3	133.0	41.079	23.589	29.9	47.370	15.0	37.696	1.768	1.433	39.0	2.276	62.5	2.254	1.350	30.9	2.628
248505.6	843291.2	133.0	40.552	23.314	29.9	46.776	15.2	37.223	1.726	1.428	39.6	2.240	62.3	2.545	1.122	23.8	2.782
248504.6	843291.1	133.0	40.028	23.041	29.9	46.186	15.4	36.754	1.684	1.423	40.2	2.205	62.1	2.842	0.902	17.6	2.982
248503.6	843291.0	133.0	39.509	22.770	30.0	45.600	15.6	36.288	1.643	1.418	40.8	2.170	61.9	3.141	0.692	12.4	3.216
248502.6	843291.0	133.0	38.871	22.439	30.0	44.883	15.9	35.717	1.594	1.410	41.5	2.128	61.0	3.406	0.460	7.7	3.437
248501.6	843290.9	133.0	38.105	22.041	30.0	44.020	16.2	35.030	1.537	1.401	42.3	2.079	59.3	3.632	0.203	3.2	3.638
248500.6	843290.8	132.9	36.974	21.457	30.1	42.749	16.7	34.018	1.454	1.386	43.6	2.009	55.2	3.756	-0.147	-2.2	3.759
248499.6	843290.7	132.8	35.872	20.885	30.2	41.509	17.2	33.032	1.375	1.372	45.0	1.942	51.0	3.880	-0.488	-7.2	3.911
248498.6	843290.6	132.6	34.800	20.326	30.3	40.301	17.6	32.071	1.299	1.360	46.3	1.880	46.6	4.004	-0.819	-11.6	4.087
248497.6	843290.5	132.5	33.757	19.780	30.4	39.125	18.1	31.135	1.227	1.348	47.7	1.822	42.1	4.125	-1.139	-15.4	4.279
248496.6	843290.4	132.4	32.692	19.220	30.5	37.923	18.5	30.178	1.156	1.336	49.1	1.766	37.2	4.227	-1.464	-19.1	4.473
248495.6	843290.3	132.2	31.509	18.595	30.5	36.587	19.0	29.115	1.080	1.324	50.8	1.709	31.2	4.283	-1.828	-23.1	4.656
248494.6	843290.3	131.7	29.129	17.331	30.8	33.895	20.0	26.973	0.952	1.313	54.0	1.622	15.3	3.985	-2.633	-33.5	4.777
248493.6	843290.2	131.8	29.013	17.265	30.8	33.761	20.1	26.866	0.939	1.303	54.2	1.606	17.1	4.307	-2.615	-31.3	5.039
248492.6	843290.1	131.4	27.141	16.258	30.9	31.638	20.9	25.177	0.862	1.298	56.4	1.558	5.3	4.111	-3.271	-38.5	5.254
248491.6	843290.0	131.3	26.557	15.939	31.0	30.973	21.2	24.647	0.834	1.289	57.1	1.535	3.2	4.265	-3.423	-38.8	5.469
248490.6	843289.9	130.9	24.915	15.044	31.1	29.105	22.0	23.161	0.802	1.291	58.1	1.520	12.0	4.087	-4.027	-44.6	5.738
248489.6	843289.8	130.8	24.286	14.697	31.2	28.387	22.3	22.590	0.783	1.283	58.6	1.503	14.4	4.191	-4.201	-45.1	5.934
248488.6	843289.7	131.0	24.507	14.814	31.2	28.636	22.2	22.788	0.762	1.264	58.9	1.476	7.8	4.531	-3.989	-41.4	6.036
248487.6	843289.6	131.2	24.692	14.912	31.1	28.846	22.1	22.955	0.752	1.249	59.0	1.458	3.1	4.835	-3.791	-38.1	6.144
248486.6	843289.5	131.4	24.850	14.994	31.1	29.023	22.0	23.096	0.750	1.236	58.7	1.445	5.8	5.108	-3.606	-35.2	6.253
248485.6	843289.5	131.6	25.006	15.075	31.1	29.199	22.0	23.236	0.756	1.225	58.3	1.439	11.0	5.359	-3.423	-32.6	6.358
248484.6	843289.4	131.8	25.178	15.164	31.1	29.392	21.9	23.389	0.768	1.216	57.7	1.438	16.4	5.593	-3.234	-30.0	6.461
248483.6	843289.3	132.0	25.358	15.258	31.0	29.594	21.8	23.550	0.787	1.209	56.9	1.442	21.7	5.810	-3.046	-27.7	6.560
248482.6	843289.2	131.9	24.742	14.920	31.1	28.892	22.1	22.991	0.762	1.201	57.6	1.422	19.6	5.807	-3.192	-28.8	6.626
248481.7	843289.1	131.7	23.794	14.399	31.2	27.812	22.6	22.132	0.722	1.195	58.9	1.396	14.8	5.704	-3.491	-31.5	6.687
248480.7	843289.0	131.5	22.941	13.928	31.3	26.838	23.0	21.357	0.692	1.191	59.8	1.377	11.9	5.607	-3.764	-33.9	6.754
248479.7	843288.9	131.4	22.248	13.544	31.3	26.046	23.4	20.727	0.673	1.188	60.5	1.366	11.6	5.537	-3.978	-35.7	6.818
248478.7	843288.8	131.2	21.579	13.171	31.4	25.280	23.7	20.118	0.660	1.186	60.9	1.358	13.0	5.456	-4.192	-37.5	6.881
248477.7	843288.8	131.1	20.932	12.809	31.5	24.540	24.0	19.528	0.653	1.186	61.2	1.354	15.7	5.364	-4.407	-39.4	6.943
248476.7	843288.7	131.0	20.386	12.503	31.5	23.915	24.3	19.031	0.651	1.186	61.2	1.353	18.7	5.283	-4.582	-40.9	6.993
248475.7	843288.6	131.0	20.128	12.357	31.5	23.619	24.5	18.795	0.653	1.183	61.1	1.351	19.8	5.267	-4.615	-41.2	7.003
248474.7	843288.5	131.1	19.912	12.234	31.6	23.370	24.6	18.597	0.656	1.180	60.9	1.350	20.7	5.246	-4.630	-41.4	6.997
248473.7	843288.4	131.1	19.697	12.112	31.6	23.123	24.8	18.400	0.661	1.177	60.7	1.350	21.7	5.210	-4.648	-41.7	6.982
248472.7	843288.3	131.2	19.481	11.990	31.6	22.875	24.9	18.204	0.668	1.175	60.4	1.351	22.8	5.158	-4.670	-42.2	6.958
248471.7	843288.2	131.2	19.266	11.869	31.6	22.629	25.0	18.007	0.676	1.173	60.1	1.354	24.0	5.091	-4.695	-42.7	6.926
248470.7	843288.1	131.3	19.052	11.748	31.7	22.382	25.2	17.811	0.685	1.172	59.7	1.358	25.2	5.010	-4.724	-43.3	6.886
248469.7	843288.1	131.4	18.987	11.711	31.7	22.308	25.3	17.752	0.695	1.169	59.3	1.360	25.2	4.959	-4.673	-43.3	6.813
248468.7	843288.0	131.5	18.965	11.699	31.7	22.283	25.3	17.732	0.705	1.166	58.8	1.362	25.1	4.909	-4.599	-43.1	6.727
248467.7	843287.9	131.7	19.085	11.766	31.7	22.421	25.3	17.842	0.715	1.161	58.4	1.363	24.1	4.890	-4.450	-42.3	6.612
248466.7	843287.8	131.9	19.203	11.833	31.6	22.556	25.3	17.950	0.727	1.157	57.8	1.366	23.3	4.861	-4.303	-41.5	6.492
248465.7	843287.7	132.1	19.319	11.899	31.6	22.690	25.3	18.056	0.740	1.153	57.3	1.370	22.8	4.823	-4.158	-40.8	6.368
248464.7	843287.6	132.3	19.433	11.963	31.6	22.820	25.3	18.160	0.754	1.150	56.8	1.375	22.5	4.777	-4.014	-40.0	6.239
248463.7	843287.5	132.6	19.587	12.050	31.6	22.997	25.3	18.300	0.769	1.147	56.2	1.381	22.3	4.736	-3.848	-39.1	6.102
248462.7	843287.4	132.8	19.778	12.159	31.6	23.216	25.2	18.475	0.786	1.144	55.5	1.388	22.3	4.700	-3.661	-37.9	5.957
248461.7	843287.4	133.1	19.967	12.266	31.6	23.434	25.2	18.648	0.803	1.141	54.8	1.395	22.7	4.659	-3.471	-36.7	5.810
248460.7	843287.3	133.3	20.155	12.373	31.5	23.650	25.2	18.820	0.822	1.137	54.1	1.403	23.5	4.613	-3.278	-35.4	5.659
248459.7	843287.2	133.5	20.340	12.480	31.5	23.864	25.1	18.990	0.841	1.134	53.4	1.411	24.5	4.562	-3.080	-34.0	5.505
248458.7	843287.1	133.8	20.523	12.585	31.5	24.075	25.1	19.158	0.861	1.129	52.7	1.420	25.8	4.508	-2.877	-32.6	5.348
248457.7	843287.0	134.0	20.702	12.690	31.5	24.282	25.1	19.323	0.881	1.124	51.9	1.428	27.3	4.449	-2.668	-31.0	5.188
248456.7	843286.9	134.3	20.876	12.793	31.5	24.484	25.1	19.484	0.901	1.119	51.1	1.437	29.0	4.389	-2.452	-29.2	5.027
248455.8	843286.8	134.5	21.045	12.894	31.5	24.681	25.1	19.641	0.922	1.113	50.4	1.445	30.9	4.325	-2.229	-27.3	4.866
248454.8	843286.7	134.8	21.208	12.994	31.5	24.872	25.1	19.793	0.943	1.106	49.6	1.453	33.0	4.260	-1.999	-25.1	4.706
248453.8	843286.7	135.0	21.363	13.092	31.5	25.056	25.0	19.939	0.964	1.099	48.8	1.462	35.3	4.194	-1.761	-22.8	4.549
248452.8	843286.6	135.3	21.510	13.188	31.5	25.231	25.0	20.078	0.984	1.091	48.0	1.469	37.8	4.127	-1.518	-20.2	4.398
248451.8	843286.5	135.5	21.647	13.281	31.5	25.396	25.0	20.209	1.003	1.084	47.2	1.477	40.4	4.060	-1.269	-17.4	4.254
248450.8	843286.4	135.8	21.771	13.371	31.6	25.550	25.0	20.332	1.022	1.076	46.5	1.484	43.2	3.993	-1.015	-14.3	4.120
248449.8	843286.3	136.0	21.883	13.458	31.6	25.690	25.0	20.443	1.040	1.069	45.8	1.491	46.1	3.927	-0.757	-10.9	3.999
248448.8	843286.2	136.2	21.890	13.495	31.7	25.715	25.0	20.464	1.051	1.061	45.3	1.493	48.5	3.832	-0.533	-7.9	3.869
248447.8	843286.1	136.3	21.535	13.346	31.8	25.335	25.2	20.161	1.036	1.048	45.3	1.474	48.5	3.630	-0.448	-7.0	3.658
248446.8	843286.0	136.3	20.975	13.094	32.0	24.727	25.4	19.677	1.007	1.033	45.7	1.442	47.1	3.370	-0.438	-7.4	3.398
248445.8	843286.0	136.3	20.412	12.845	32.2	24.117	25.7	19.192	0.976	1.017	46.2	1.410	45.8	3.113	-0.422	-7.7	3.141
248444.8	843285.9	136.3	19.845	12.599	32.4	23.506	25.8	18.706	0.943	1.001	46.7	1.375	44.6	2.861	-0.400	-8.0	2.889
248443.8	843285.8	136.3	19.275	12.355	32.7	22.895	25.9	18.220	0.907	0.984	47.4	1.338	43.5	2.615	-0.375	-8.2	2.642
248442.8	843285.7	136.3	18.706	12.115	32.9	22.286	26.0	17.735	0.868	0.968	48.1	1.300	42.6	2.377	-0.346	-8.3	2.402
248441.8	843285.6	136.3	18.138	11.877	33.2	21.680	25.9	17.253	0.827	0.951	49.0	1.260	41.7	2.147	-0.314	-8.3	2.170
248440.8	843285.5	136.3	17.575	11.642	33.5	21.081	25.8	16.776	0.783	0.934	50.0	1.219	40.9	1.927	-0.280	-8.3	1.947
248439.8	843285.4	136.3	17.020	11.411	33.8	20.491	25.5	16.307	0.736	0.917	51.2	1.176	40.1	1.716	-0.244	-8.1	1.733
248438.8	843285.3	136.3	16.480	11.182	34.2	19.915	25.2	15.848	0.688	0.900	52.6	1.133	39.4	1.516	-0.208	-7.8	1.530

248437.8	843285.3	136.3	15.958	10.958	34.5	19.358	24.7	15.404	0.637	0.883	54.2	1.089	38.7	1.326	-0.171	-7.3	1.337
248436.8	843285.2	136.3	15.460	10.737	34.8	18.823	24.0	14.979	0.586	0.867	56.0	1.046	37.9	1.148	-0.134	-6.6	1.156
248435.8	843285.1	136.3	14.993	10.522	35.1	18.317	23.3	14.576	0.533	0.851	57.9	1.004	37.0	0.981	-0.096	-5.6	0.986
248434.8	843285.0	136.3	14.561	10.313	35.3	17.843	22.4	14.199	0.481	0.836	60.1	0.965	35.9	0.826	-0.059	-4.1	0.828
248433.8	843284.9	136.3	14.169	10.111	35.5	17.407	21.5	13.852	0.430	0.823	62.4	0.929	34.7	0.682	-0.022	-1.8	0.682
248432.8	843284.8	136.3	13.823	9.918	35.7	17.013	20.4	13.538	0.380	0.812	64.9	0.896	33.3	0.548	0.016	1.7	0.549
248431.8	843284.7	136.3	13.524	9.736	35.8	16.664	19.4	13.260	0.332	0.803	67.6	0.869	31.6	0.425	0.055	7.3	0.429
248430.9	843284.6	136.3	13.274	9.566	35.8	16.362	18.3	13.020	0.286	0.798	70.2	0.848	29.8	0.312	0.094	16.8	0.326
248429.9	843284.6	136.3	13.074	9.411	35.7	16.109	17.3	12.819	0.246	0.796	72.9	0.834	27.7	0.208	0.136	33.1	0.249
248428.9	843284.5	136.3	12.922	9.273	35.7	15.905	16.4	12.657	0.211	0.800	75.2	0.827	25.5	0.112	0.180	58.1	0.212
248427.9	843284.4	136.3	12.817	9.154	35.5	15.750	15.6	12.533	0.187	0.809	77.0	0.830	23.1	0.022	0.226	84.5	0.228
248426.9	843284.3	136.3	12.754	9.056	35.4	15.642	15.0	12.448	0.177	0.823	77.9	0.842	20.7	-0.063	0.277	-77.3	0.284

Max EF along centerline is 2.421 (kV/m) at 297.000 (m) from structure [redacted]-6R

Cross section results at max EF along centerline between structures [redacted]-6R and [redacted]-6A





3D EMF Point Results Span from [redacted]-6R to [redacted]-6A:

Measurement			B					H	EF					Space Potential				
X (m)	Y (m)	Z (m)	Real (uT)	Imaginary (uT)	Angle (deg)	Magnitude (uT)	Polarization Axial Ratio %	Magnitude (A/m)	Real (kV/m)	Imaginary (kV/m)	Angle (deg)	Magnitude (kV/m)	Polarization Axial Ratio %	Real (kV)	Imaginary (kV)	Angle (deg)	Magnitude (kV)	
248514.2	843263.9	129.8	6.755	4.736	35.0	8.250	45.8	6.565	0.181	0.474	69.1	0.507	12.3	-0.406	0.201	-26.3	0.453	
248513.9	843264.8	130.0	7.310	5.046	34.6	8.883	45.7	7.069	0.242	0.517	65.0	0.571	11.5	-0.458	0.167	-20.1	0.487	
248513.8	843265.8	130.1	7.925	5.380	34.2	9.578	45.5	7.622	0.315	0.562	60.8	0.644	10.6	-0.506	0.123	-13.7	0.521	
248513.7	843266.8	130.3	8.605	5.741	33.7	10.344	45.2	8.232	0.402	0.609	56.6	0.730	9.7	-0.550	0.068	-7.1	0.554	
248513.6	843267.8	130.4	9.360	6.130	33.2	11.188	44.9	8.903	0.507	0.657	52.4	0.830	8.7	-0.584	0.001	-0.1	0.584	
248513.6	843268.8	130.5	10.198	6.548	32.7	12.120	44.5	9.644	0.631	0.705	48.2	0.946	7.6	-0.605	-0.079	7.4	0.610	
248513.5	843269.8	130.7	11.131	6.999	32.2	13.148	43.9	10.463	0.777	0.753	44.1	1.082	6.5	-0.606	-0.173	15.9	0.630	
248513.4	843270.8	130.8	12.168	7.483	31.6	14.285	43.3	11.368	0.948	0.799	40.1	1.240	5.5	-0.580	-0.281	25.9	0.645	
248513.3	843271.8	131.0	13.324	8.004	31.0	15.543	42.5	12.369	1.148	0.843	36.3	1.424	4.4	-0.518	-0.403	37.9	0.656	
248513.2	843272.8	131.1	14.610	8.561	30.4	16.934	41.6	13.476	1.379	0.881	32.6	1.636	3.4	-0.409	-0.537	52.7	0.675	
248513.1	843273.8	131.3	16.042	9.158	29.7	18.472	40.6	14.699	1.643	0.914	29.1	1.880	2.6	-0.240	-0.681	70.6	0.722	
248513.0	843274.8	131.4	17.633	9.795	29.1	20.171	39.5	16.051	1.942	0.938	25.8	2.156	2.1	0.004	-0.832	-89.7	0.832	
248512.9	843275.8	131.6	19.395	10.474	28.4	22.042	38.2	17.541	2.274	0.952	22.7	2.465	2.0	0.337	-0.984	-71.1	1.040	
248512.9	843276.8	131.7	21.340	11.194	27.7	24.097	36.8	19.176	2.636	0.953	19.9	2.803	2.4	0.773	-1.132	-55.7	1.371	
248512.8	843277.8	131.9	23.472	11.958	27.0	26.343	35.2	20.963	3.022	0.941	17.3	3.166	2.9	1.323	-1.268	-43.8	1.833	
248512.7	843278.8	132.0	25.791	12.764	26.3	28.777	33.6	22.900	3.420	0.915	15.0	3.540	3.4	1.993	-1.384	-34.8	2.426	
248512.6	843279.8	132.2	28.282	13.614	25.7	31.388	31.8	24.978	3.813	0.873	12.9	3.912	3.9	2.773	-1.469	-27.9	3.138	
248512.5	843280.8	132.3	30.915	14.507	25.1	34.149	29.9	27.175	4.180	0.817	11.1	4.259	4.4	3.642	-1.514	-22.6	3.945	
248512.4	843281.8	132.5	33.643	15.443	24.7	37.018	28.0	29.458	4.494	0.749	9.5	4.556	5.0	4.563	-1.509	-18.3	4.806	
248512.3	843282.8	132.6	36.394	16.425	24.3	39.929	26.0	31.774	4.730	0.673	8.1	4.777	5.5	5.476	-1.442	-14.8	5.662	
248512.2	843283.8	132.8	38.932	17.411	24.1	42.648	24.0	33.938	4.857	0.595	7.0	4.893	6.2	6.174	-1.292	-11.8	6.307	
248512.2	843284.8	132.8	40.780	18.299	24.2	44.697	22.1	35.569	4.843	0.518	6.1	4.870	7.0	6.294	-1.033	-9.3	6.378	
248512.1	843285.8	132.8	42.082	19.149	24.5	46.234	20.3	36.792	4.687	0.465	5.7	4.709	8.3	6.032	-0.705	-6.7	6.073	
248512.0	843286.8	132.9	43.014	20.021	25.0	47.445	18.8	37.756	4.402	0.466	6.0	4.427	10.3	5.556	-0.323	-3.3	5.565	
248511.9	843287.8	132.9	43.614	20.925	25.6	48.374	17.3	38.494	4.011	0.544	7.7	4.048	13.5	4.896	0.117	1.4	4.898	
248511.8	843288.8	132.9	43.928	21.868	26.5	49.070	16.1	39.049	3.541	0.695	11.1	3.609	18.7	4.080	0.621	8.7	4.127	
248511.7	843289.8	132.9	44.018	22.857	27.4	49.598	15.1	39.469	3.023	0.903	16.6	3.155	27.2	3.137	1.196	20.9	3.358	
248511.6	843290.7	132.9	43.790	23.826	28.6	49.852	14.4	39.671	2.483	1.156	25.0	2.739	40.8	2.037	1.824	41.8	2.734	
248511.5	843291.7	132.8	43.161	24.683	29.8	49.721	14.1	39.566	1.944	1.442	36.6	2.421	61.2	0.811	2.449	71.7	2.580	
248511.5	843292.7	132.7	42.045	25.301	31.0	49.070	14.3	39.049	1.430	1.756	50.8	2.265	71.9	-0.442	2.971	-81.5	3.004	
248511.4	843293.7	132.5	41.006	25.921	32.3	48.512	14.6	38.605	1.054	2.100	63.4	2.349	50.0	-1.505	3.468	-66.5	3.781	
248511.3	843294.7	132.4	39.899	26.437	33.5	47.863	15.2	38.088	0.944	2.461	69.0	2.636	30.3	-2.395	3.881	-58.3	4.560	
248511.2	843295.7	132.2	38.736	26.828	34.7	47.119	16.1	37.496	1.143	2.826	68.0	3.048	18.0	-3.100	4.191	-53.5	5.213	
248511.1	843296.7	132.1	37.485	27.049	35.8	46.226	17.2	36.785	1.492	3.176	64.8	3.509	10.7	-3.615	4.371	-50.4	5.672	
248511.0	843297.7	132.0	36.120	27.056	36.8	45.130	18.5	35.913	1.866	3.489	61.9	3.957	6.5	-3.940	4.398	-48.1	5.905	
248510.9	843298.7	131.8	34.623	26.815	37.8	43.792	19.9	34.849	2.210	3.743	59.4	4.347	4.0	-4.079	4.257	-46.2	5.896	
248510.8	843299.7	131.7	32.990	26.306	38.6	42.195	21.5	33.577	2.498	3.915	57.5	4.644	2.5	-4.044	3.949	-44.3	5.652	
248510.7	843300.7	131.5	31.238	25.535	39.3	40.347	23.1	32.107	2.716	3.991	55.8	4.827	1.7	-3.854	3.491	-42.2	5.200	
248510.7	843301.7	131.4	29.398	24.525	39.8	38.284	24.9	30.466	2.856	3.963	54.2	4.885	1.2	-3.537	2.916	-39.5	4.584	
248510.6	843302.7	131.3	27.510	23.321	40.3	36.065	26.7	28.700	2.920	3.836	52.7	4.821	1.0	-3.125	2.271	-36.0	3.863	
248510.5	843303.7	131.1	25.620	21.977	40.6	33.755	28.5	26.861	2.915	3.620	51.2	4.648	0.8	-2.655	1.605	-31.2	3.103	
248510.4	843304.7	131.0	23.769	20.550	40.8	31.421	30.2	25.004	2.850	3.337	49.5	4.388	0.7	-2.160	0.966	-24.1	2.366	

248510.3	843305.7	130.8	21.989	19.092	41.0	29.121	32.0	23.174	2.738	3.007	47.7	4.067	0.7	-1.669	0.389	-13.1	1.714
248510.2	843306.7	130.7	20.347	17.694	41.0	26.964	33.6	21.458	2.592	2.654	45.7	3.710	0.8	-1.258	-0.043	2.0	1.259
248510.1	843307.7	130.8	19.112	16.678	41.1	25.365	35.2	20.185	2.425	2.297	43.5	3.340	1.0	-1.297	0.000	-0.0	1.297
248510.0	843308.7	130.9	18.080	15.833	41.2	24.033	36.8	19.125	2.246	1.951	41.0	2.975	1.5	-1.558	0.217	-7.9	1.573
248510.0	843309.7	131.1	17.034	14.918	41.2	22.643	38.3	18.019	2.061	1.627	38.3	2.626	2.2	-1.728	0.314	-10.3	1.757
248509.9	843310.7	131.2	15.971	13.938	41.1	21.197	39.8	16.868	1.878	1.331	35.3	2.302	2.9	-1.782	0.296	-9.4	1.807
248509.8	843311.7	131.3	14.890	12.901	40.9	19.701	41.1	15.678	1.700	1.069	32.2	2.008	3.4	-1.704	0.183	-6.1	1.714
248509.7	843312.7	131.6	14.136	12.206	40.8	18.677	42.5	14.863	1.533	0.843	28.8	1.750	5.2	-2.010	0.277	-7.8	2.029
248509.6	843313.7	131.7	13.216	11.300	40.5	17.388	43.7	13.837	1.375	0.648	25.2	1.520	6.1	-1.958	0.158	-4.6	1.964
248509.5	843314.7	131.8	12.354	10.445	40.2	16.178	44.8	12.874	1.228	0.485	21.5	1.320	7.1	-1.887	0.036	-1.1	1.888
248509.4	843315.7	131.9	11.549	9.645	39.9	15.047	45.7	11.974	1.093	0.350	17.7	1.148	8.0	-1.803	-0.084	2.7	1.805
248509.3	843316.6	132.0	10.811	8.912	39.5	14.011	46.5	11.150	0.970	0.242	14.0	1.000	9.2	-1.728	-0.193	6.4	1.739
248509.3	843317.6	132.2	10.130	8.239	39.1	13.058	47.2	10.391	0.858	0.160	10.5	0.873	10.5	-1.653	-0.296	10.1	1.679
248509.2	843318.6	132.3	9.485	7.605	38.7	12.157	47.8	9.674	0.757	0.105	7.9	0.764	11.6	-1.553	-0.393	14.2	1.602
248509.1	843319.6	132.4	8.847	6.984	38.3	11.271	48.2	8.970	0.665	0.081	7.0	0.670	12.2	-1.392	-0.476	18.9	1.471
248509.0	843320.6	132.3	8.229	6.392	37.8	10.420	48.4	8.292	0.583	0.086	8.4	0.589	12.2	-1.198	-0.535	24.0	1.312
248508.9	843321.6	132.2	7.637	5.836	37.4	9.611	48.5	7.648	0.508	0.103	11.5	0.519	11.5	-0.989	-0.563	29.7	1.138

Centerline results between structures [redacted]-6A and [redacted]-7R

3D EMF Point Results Centerline from [redacted]-6A to [redacted]-7R:

Measurement			B					H	EF					Space Potential			
X (m)	Y (m)	Z (m)	Real (uT)	Imaginary (uT)	Angle (deg)	Magnitude (uT)	Polarization Axial Ratio %	Magnitude (A/m)	Real (kV/m)	Imaginary (kV/m)	Angle (deg)	Magnitude (kV/m)	Polarization Axial Ratio %	Real (kV)	Imaginary (kV)	Angle (deg)	Magnitude (kV)
248425.8	843284.2	136.3	12.729	8.980	35.2	15.578	14.5	12.397	0.186	0.846	77.6	0.866	18.2	-0.146	0.333	-66.4	0.364
248425.2	843283.4	136.3	12.663	8.990	35.4	15.530	14.9	12.358	0.169	0.822	78.3	0.839	19.8	-0.097	0.315	-72.8	0.330
248424.6	843282.6	136.3	12.633	9.024	35.5	15.525	15.4	12.354	0.171	0.804	78.0	0.822	21.2	-0.051	0.304	-80.5	0.308
248424.0	843281.8	136.3	12.641	9.080	35.7	15.564	16.1	12.386	0.187	0.792	76.7	0.814	22.5	-0.004	0.298	-89.2	0.298
248423.4	843281.0	136.3	12.693	9.154	35.8	15.649	17.0	12.453	0.215	0.786	74.7	0.815	23.5	0.043	0.297	81.7	0.300
248422.8	843280.2	136.3	12.789	9.244	35.9	15.780	18.0	12.557	0.249	0.784	72.4	0.823	24.4	0.092	0.300	72.9	0.314
248422.2	843279.5	136.3	12.931	9.348	35.9	15.956	19.1	12.697	0.289	0.786	69.8	0.837	25.0	0.144	0.305	64.8	0.337
248421.5	843278.7	136.3	13.118	9.464	35.8	16.176	20.2	12.872	0.332	0.791	67.2	0.857	25.3	0.198	0.312	57.6	0.370
248420.9	843277.9	136.3	13.349	9.590	35.7	16.437	21.4	13.080	0.377	0.797	64.7	0.882	25.5	0.256	0.320	51.4	0.410
248420.3	843277.1	136.3	13.621	9.722	35.5	16.735	22.4	13.317	0.424	0.806	62.3	0.910	25.5	0.317	0.328	46.0	0.456
248419.7	843276.3	136.3	13.930	9.861	35.3	17.067	23.4	13.582	0.471	0.815	60.0	0.941	25.4	0.382	0.335	41.3	0.508
248419.1	843275.5	136.3	14.271	10.004	35.0	17.428	24.3	13.869	0.519	0.825	57.8	0.975	25.2	0.450	0.341	37.2	0.565
248418.5	843274.7	136.3	14.638	10.151	34.7	17.813	25.0	14.175	0.567	0.835	55.8	1.010	24.8	0.521	0.345	33.5	0.625
248417.9	843273.9	136.3	15.025	10.300	34.4	18.216	25.7	14.496	0.614	0.846	54.0	1.045	24.5	0.595	0.347	30.2	0.689
248417.2	843273.1	136.3	15.427	10.450	34.1	18.634	26.2	14.828	0.659	0.856	52.4	1.080	24.0	0.672	0.346	27.2	0.756
248416.6	843272.4	136.3	15.839	10.602	33.8	19.060	26.5	15.167	0.703	0.866	51.0	1.115	23.6	0.751	0.342	24.5	0.825
248416.0	843271.6	136.3	16.256	10.755	33.5	19.491	26.8	15.511	0.744	0.876	49.7	1.149	23.2	0.832	0.335	21.9	0.897
248415.4	843270.8	136.3	16.673	10.908	33.2	19.924	27.0	15.855	0.782	0.886	48.5	1.182	22.7	0.915	0.325	19.6	0.971
248414.8	843270.0	136.3	17.087	11.061	32.9	20.355	27.0	16.198	0.818	0.895	47.6	1.213	22.3	0.999	0.313	17.4	1.046
248414.2	843269.2	136.3	17.496	11.215	32.7	20.782	27.0	16.538	0.852	0.904	46.7	1.242	21.9	1.083	0.297	15.4	1.124
248413.6	843268.4	136.3	17.897	11.369	32.4	21.203	27.0	16.873	0.882	0.912	46.0	1.269	21.5	1.169	0.280	13.5	1.202
248412.9	843267.6	136.3	18.290	11.523	32.2	21.617	26.9	17.203	0.910	0.920	45.3	1.294	21.2	1.254	0.261	11.7	1.281
248412.3	843266.8	136.3	18.674	11.677	32.0	22.024	26.7	17.526	0.935	0.928	44.8	1.318	20.8	1.340	0.240	10.2	1.361
248411.7	843266.0	136.3	19.048	11.830	31.8	22.422	26.5	17.843	0.958	0.936	44.3	1.339	20.5	1.424	0.219	8.7	1.441
248411.1	843265.2	136.6	20.154	12.376	31.6	23.651	25.9	18.821	1.009	0.952	43.3	1.387	27.3	1.811	0.488	15.1	1.875
248410.5	843264.5	136.6	20.581	12.567	31.4	24.115	25.7	19.190	1.031	0.959	42.9	1.408	27.6	1.920	0.491	14.3	1.982
248409.9	843263.7	136.5	20.685	12.592	31.3	24.216	25.5	19.271	1.038	0.962	42.8	1.415	25.1	1.900	0.377	11.2	1.937
248409.3	843262.9	136.4	20.806	12.632	31.3	24.340	25.4	19.369	1.045	0.965	42.7	1.423	22.8	1.887	0.274	8.3	1.906
248408.7	843262.1	136.4	20.966	12.695	31.2	24.510	25.2	19.505	1.054	0.969	42.6	1.432	21.1	1.888	0.193	5.8	1.897
248408.0	843261.3	136.3	21.243	12.824	31.1	24.814	25.0	19.747	1.068	0.973	42.3	1.445	20.5	1.934	0.162	4.8	1.941
248407.4	843260.5	136.3	21.513	12.952	31.1	25.111	24.8	19.983	1.081	0.977	42.1	1.457	20.0	1.975	0.134	3.9	1.980
248406.8	843259.7	136.3	21.775	13.079	31.0	25.401	24.6	20.213	1.094	0.981	41.9	1.469	19.6	2.010	0.109	3.1	2.013
248406.2	843258.9	136.3	22.030	13.205	30.9	25.684	24.3	20.439	1.107	0.984	41.6	1.481	19.2	2.038	0.086	2.4	2.040
248405.6	843258.1	136.3	22.298	13.339	30.9	25.984	24.1	20.677	1.120	0.987	41.4	1.493	19.0	2.067	0.074	2.1	2.069
248405.0	843257.4	136.3	22.538	13.461	30.8	26.252	23.9	20.891	1.134	0.990	41.1	1.505	18.6	2.080	0.056	1.6	2.081
248404.4	843256.6	136.2	22.692	13.538	30.8	26.424	23.8	21.027	1.144	0.991	40.9	1.514	17.5	2.053	0.012	0.3	2.053
248403.7	843255.8	136.2	22.955	13.675	30.8	26.719	23.5	21.263	1.160	0.994	40.6	1.527	17.5	2.065	0.012	0.3	2.065
248403.1	843255.0	136.2	23.219	13.813	30.7	27.017	23.3	21.500	1.175	0.996	40.3	1.541	17.5	2.073	0.016	0.4	2.073
248402.5	843254.2	136.2	23.481	13.950	30.7	27.312	23.1	21.734	1.192	0.998	39.9	1.554	17.5	2.076	0.021	0.6	2.076
248401.9	843253.4	136.2	23.703	14.068	30.7	27.563	23.0	21.934	1.207	1.000	39.6	1.567	17.2	2.059	0.016	0.4	2.059
248401.3	843252.6	136.1	23.901	14.174	30.7	27.788	22.8	22.113	1.222	1.002	39.3	1.580	16.7	2.030	0.005	0.1	2.030
248400.7	843251.8	136.1	24.176	14.320	30.6	28.099	22.6	22.360	1.239	1.004	39.0	1.595	16.9	2.030	0.022	0.6	2.030
248400.1	843251.0	136.2	24.545	14.516	30.6	28.516	22.4	22.692	1.259	1.008	38.7	1.613	17.8	2.069	0.072	2.0	2.070
248399.4	843250.2	136.2	24.995	14.755	30.6	29.025	22.1	23.098	1.282	1.012	38.3	1.633	19.4	2.141	0.149	4.0	2.147
248398.8	843249.5	136.3	25.328	14.932	30.5	29.402	21.9	23.397	1.300	1.015	38.0	1.649	20.1	2.168	0.187	4.9	2.176
248398.2	843248.7	136.3	25.629	15.093	30.5	29.743	21.7	23.669	1.316	1.019	37.7	1.664	20.5	2.186	0.215	5.6	2.197
248397.6	843247.9	136.3	26.051	15.317	30.5	30.220	21.5	24.048	1.335	1.024	37.5	1.682	22.0	2.258	0.281	7.1	2.276
248397.0	843247.1	136.3	26.338	15.471	30.4	30.546	21.3	24.308	1.349	1.027	37.3	1.695	22.4	2.283	0.304	7.6	2.303
248396.4	843246.3	136.3	26.536	15.578	30.4	30.771	21.2	24.487	1.358	1.030	37.2	1.704	22.3	2.279	0.299	7.5	2.299
248395.8	843245.5	136.3	26.707	15.671	30.4	30.965	21.1	24.641	1.365	1.032	37.1	1.712	22.0	2.275	0.286	7.2	2.293
248395.2	843244.7	136.2	26.844	15.746	30.4	31.121	21.0	24.765	1.370	1.034	37.1	1.716	21.6	2.267	0.263	6.6	2.283
248394.5	843243.9	136.2	27.159	15.914	30.4	31.478	20.8	25.049	1.378	1.039	37.0	1.726	22.6	2.344	0.294	7.2	2.363
248393.9	843243.1	136.2	27.375	16.030	30.4	31.723	20.7	25.244	1.381	1.042	37.0	1.730	23.0	2.393	0.295	7.0	2.411
248393.3	843242.4	136.1	27.248	15.968	30.4	31.582	20.7	25.132	1.372	1.042	37.2	1.723	21.0	2.317	0.193	4.7	2.325
248392.7	843241.6	136.0	27.177	15.935	30.4	31.504	20.7	25.070	1.363	1.042	37.4	1.716	19.4	2.277	0.106	2.7	2.280
248392.1	843240.8	135.9	27.174	15.937	30.4	31.502	20.7	25.069	1.355	1.044	37.6	1.710	18.5	2.278	0.041	1.0	2.278
248391.5	843240.0	135.9	27.247	15.979	30.4	31.587	20.6	25.136	1.347	1.047	37.8	1.706	18.2	2.322	-0.000	-0.0	2.322
248390.9	843239.2	135.8	27.313	16.017	30.4	31.663	20.6	25.197	1.338	1.049	38.1	1.700	18.0	2.374	-0.044	-1.1	2.375

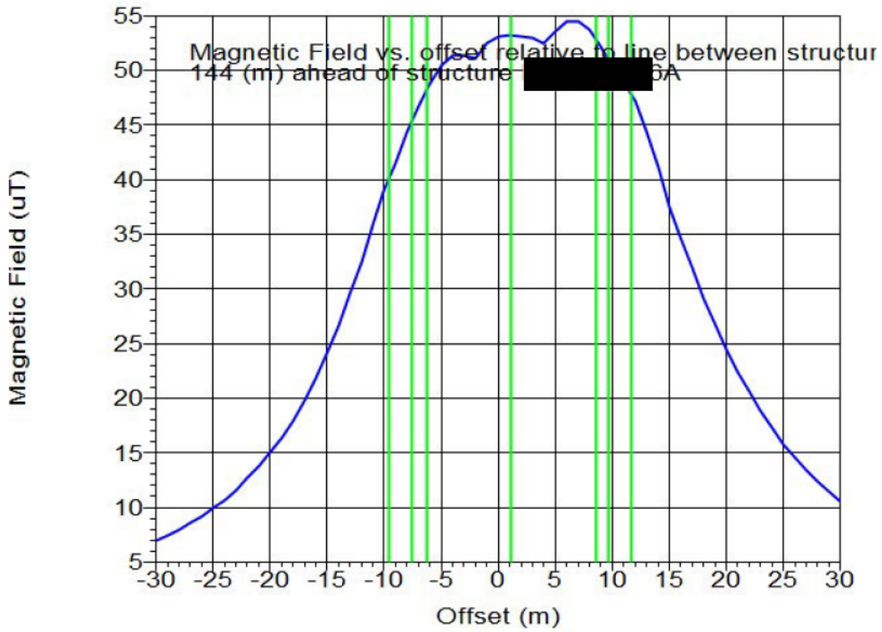
248390.2	843238.4	135.8	27.514	16.124	30.4	31.891	20.5	25.378	1.332	1.053	38.3	1.698	18.9	2.490	-0.045	-1.0	2.491
248389.6	843237.6	135.7	27.519	16.131	30.4	31.899	20.4	25.384	1.319	1.055	38.7	1.690	18.3	2.538	-0.106	-2.4	2.540
248389.0	843236.8	135.7	27.535	16.142	30.4	31.918	20.4	25.399	1.307	1.058	39.0	1.681	17.9	2.598	-0.163	-3.6	2.603
248388.4	843236.0	135.6	27.667	16.214	30.4	32.068	20.3	25.519	1.298	1.062	39.3	1.677	18.5	2.707	-0.183	-3.9	2.714
248387.8	843235.2	135.6	27.725	16.247	30.4	32.134	20.3	25.572	1.287	1.064	39.6	1.670	18.5	2.793	-0.225	-4.6	2.802
248387.2	843234.5	135.5	27.715	16.245	30.4	32.125	20.3	25.564	1.274	1.067	40.0	1.662	18.0	2.855	-0.287	-5.7	2.869
248386.6	843233.7	135.5	27.869	16.328	30.4	32.300	20.2	25.703	1.267	1.071	40.2	1.659	18.8	2.979	-0.297	-5.7	2.993
248385.9	843232.9	135.5	28.021	16.410	30.4	32.472	20.1	25.841	1.261	1.075	40.4	1.657	19.7	3.100	-0.306	-5.6	3.115
248385.3	843232.1	135.4	28.029	16.417	30.4	32.483	20.1	25.849	1.251	1.077	40.7	1.651	19.4	3.168	-0.358	-6.4	3.188
248384.7	843231.3	135.4	28.067	16.440	30.4	32.528	20.0	25.885	1.243	1.080	41.0	1.647	19.4	3.244	-0.399	-7.0	3.269
248384.1	843230.5	135.4	28.432	16.632	30.3	32.940	19.9	26.212	1.249	1.086	41.0	1.655	22.0	3.431	-0.337	-5.6	3.448
248383.5	843229.7	135.4	28.509	16.675	30.3	33.027	19.8	26.282	1.245	1.089	41.2	1.653	22.4	3.513	-0.362	-5.9	3.531
248382.9	843228.9	135.2	28.193	16.513	30.4	32.673	19.9	26.000	1.225	1.089	41.6	1.639	19.6	3.455	-0.507	-8.4	3.492
248382.3	843228.1	135.1	28.116	16.476	30.4	32.587	19.9	25.932	1.216	1.090	41.9	1.633	18.7	3.475	-0.576	-9.4	3.522
248381.7	843227.4	135.1	28.187	16.515	30.4	32.669	19.9	25.997	1.213	1.093	42.0	1.633	19.0	3.542	-0.596	-9.6	3.592
248381.0	843226.6	135.1	28.544	16.704	30.3	33.072	19.7	26.318	1.223	1.098	41.9	1.643	21.7	3.701	-0.524	-8.1	3.738
248380.4	843225.8	135.1	28.763	16.820	30.3	33.321	19.6	26.516	1.227	1.101	41.9	1.649	23.2	3.808	-0.492	-7.4	3.839
248379.8	843225.0	135.1	28.701	16.790	30.3	33.251	19.6	26.461	1.221	1.102	42.1	1.645	22.5	3.815	-0.545	-8.1	3.853
248379.2	843224.2	135.0	28.634	16.758	30.3	33.177	19.7	26.401	1.215	1.103	42.2	1.641	21.8	3.816	-0.596	-8.9	3.862
248378.6	843223.4	134.9	28.560	16.722	30.3	33.095	19.7	26.336	1.209	1.104	42.4	1.637	21.1	3.810	-0.647	-9.6	3.865
248378.0	843222.6	134.8	28.509	16.697	30.4	33.039	19.7	26.291	1.204	1.104	42.5	1.634	20.5	3.808	-0.687	-10.2	3.870
248377.4	843221.8	134.8	28.532	16.712	30.4	33.066	19.7	26.313	1.202	1.105	42.6	1.633	20.6	3.826	-0.701	-10.4	3.890
248376.7	843221.0	134.7	28.610	16.754	30.4	33.155	19.6	26.384	1.203	1.106	42.6	1.635	21.1	3.858	-0.695	-10.2	3.920
248376.1	843220.2	134.7	28.687	16.797	30.3	33.243	19.6	26.454	1.205	1.107	42.6	1.636	21.6	3.886	-0.686	-10.0	3.946
248375.5	843219.5	134.7	28.898	16.909	30.3	33.482	19.5	26.644	1.212	1.108	42.5	1.642	23.2	3.952	-0.632	-9.1	4.003
248374.9	843218.7	134.7	28.896	16.910	30.3	33.481	19.4	26.643	1.210	1.108	42.5	1.641	23.1	3.945	-0.643	-9.3	3.997
248374.3	843217.9	134.5	28.552	16.732	30.4	33.093	19.6	26.335	1.195	1.106	42.8	1.628	20.4	3.822	-0.759	-11.2	3.897
248373.7	843217.1	134.4	28.344	16.626	30.4	32.861	19.7	26.150	1.186	1.104	42.9	1.621	18.7	3.739	-0.832	-12.5	3.831
248373.1	843216.3	134.4	28.314	16.612	30.4	32.828	19.7	26.123	1.185	1.104	43.0	1.619	18.4	3.711	-0.846	-12.8	3.806
248372.4	843215.5	134.3	28.374	16.645	30.4	32.896	19.6	26.178	1.186	1.104	42.9	1.620	18.8	3.707	-0.830	-12.6	3.799
248371.8	843214.7	134.3	28.521	16.724	30.4	33.063	19.5	26.310	1.191	1.104	42.8	1.624	19.7	3.728	-0.786	-11.9	3.810
248371.2	843213.9	134.3	28.516	16.723	30.4	33.058	19.5	26.307	1.191	1.104	42.8	1.624	19.5	3.694	-0.789	-12.1	3.777
248370.6	843213.1	134.2	28.468	16.700	30.4	33.005	19.5	26.264	1.190	1.103	42.8	1.623	19.0	3.641	-0.805	-12.5	3.729
248370.0	843212.3	134.2	28.417	16.675	30.4	32.949	19.6	26.220	1.189	1.103	42.9	1.622	18.4	3.583	-0.823	-12.9	3.676
248369.4	843211.6	134.1	28.389	16.662	30.4	32.918	19.6	26.195	1.189	1.103	42.8	1.622	18.0	3.526	-0.833	-13.3	3.623
248368.8	843210.8	134.1	28.507	16.726	30.4	33.052	19.5	26.302	1.194	1.103	42.7	1.626	18.5	3.513	-0.798	-12.8	3.603
248368.1	843210.0	134.1	28.567	16.759	30.4	33.120	19.5	26.356	1.198	1.103	42.6	1.629	18.6	3.476	-0.781	-12.7	3.562
248367.5	843209.2	134.0	28.587	16.772	30.4	33.144	19.4	26.375	1.201	1.104	42.6	1.631	18.4	3.420	-0.778	-12.8	3.507
248366.9	843208.4	134.0	28.729	16.848	30.4	33.304	19.4	26.503	1.208	1.104	42.4	1.637	18.9	3.399	-0.738	-12.3	3.479
248366.3	843207.6	134.0	28.868	16.922	30.4	33.462	19.3	26.629	1.216	1.105	42.3	1.643	19.4	3.373	-0.701	-11.7	3.445
248365.7	843206.8	134.2	29.380	17.193	30.3	34.041	19.1	27.089	1.237	1.110	41.9	1.662	22.5	3.463	-0.550	-9.0	3.506
248365.1	843206.0	134.3	29.850	17.440	30.3	34.572	18.9	27.511	1.258	1.114	41.5	1.680	25.2	3.533	-0.418	-6.8	3.558
248364.5	843205.2	134.2	29.767	17.399	30.3	34.479	18.9	27.438	1.257	1.114	41.5	1.680	23.9	3.422	-0.456	-7.6	3.452
248363.9	843204.5	134.3	30.153	17.602	30.3	34.915	18.7	27.784	1.276	1.118	41.2	1.696	25.9	3.456	-0.357	-5.9	3.475
248363.2	843203.7	134.2	30.090	17.571	30.3	34.845	18.7	27.729	1.275	1.118	41.2	1.696	24.6	3.344	-0.395	-6.7	3.367
248362.6	843202.9	134.2	29.991	17.521	30.3	34.734	18.7	27.641	1.274	1.118	41.3	1.695	22.9	3.216	-0.448	-7.9	3.247
248362.0	843202.1	134.1	29.988	17.522	30.3	34.732	18.7	27.639	1.277	1.119	41.2	1.698	21.9	3.116	-0.476	-8.7	3.152
248361.4	843201.3	134.2	30.279	17.676	30.3	35.060	18.6	27.900	1.290	1.124	41.0	1.711	22.9	3.108	-0.420	-7.7	3.136
248360.8	843200.5	134.2	30.447	17.765	30.3	35.251	18.5	28.052	1.299	1.127	40.9	1.720	22.9	3.058	-0.406	-7.6	3.085
248360.2	843199.7	134.2	30.627	17.862	30.3	35.455	18.4	28.214	1.308	1.131	40.8	1.729	22.9	3.010	-0.393	-7.4	3.036
248359.6	843198.9	134.2	30.816	17.962	30.2	35.669	18.3	28.385	1.317	1.135	40.7	1.739	22.9	2.964	-0.383	-7.4	2.988
248358.9	843198.1	134.2	30.860	17.987	30.2	35.719	18.3	28.424	1.320	1.138	40.7	1.743	21.8	2.869	-0.421	-8.3	2.899
248358.3	843197.3	134.2	31.097	18.113	30.2	35.987	18.2	28.637	1.331	1.143	40.7	1.754	21.9	2.835	-0.407	-8.2	2.864
248357.7	843196.6	134.3	31.449	18.298	30.2	36.385	18.1	28.955	1.344	1.149	40.5	1.768	22.9	2.838	-0.365	-7.3	2.862
248357.1	843195.8	134.3	31.633	18.396	30.2	36.593	18.0	29.120	1.352	1.154	40.5	1.777	22.5	2.787	-0.378	-7.7	2.812
248356.5	843195.0	134.4	32.077	18.629	30.1	37.094	17.8	29.519	1.368	1.161	40.3	1.794	23.9	2.818	-0.322	-6.5	2.837
248355.9	843194.2	134.5	32.313	18.753	30.1	37.361	17.7	29.731	1.376	1.167	40.3	1.804	23.7	2.783	-0.331	-6.8	2.802
248355.3	843193.4	134.6	32.817	19.017	30.1	37.929	17.4	30.183	1.394	1.175	40.1	1.823	25.4	2.833	-0.270	-5.4	2.846
248354.6	843192.6	134.7	33.326	19.282	30.1	38.502	17.2	30.639	1.413	1.184	40.0	1.843	27.0	2.884	-0.215	-4.3	2.892
248354.0	843191.8	134.8	33.835	19.547	30.0	39.076	17.0	31.096	1.431	1.192	39.8	1.862	28.5	2.933	-0.166	-3.2	2.938
248353.4	843191.0	134.8	34.099	19.686	30.0	39.374	16.9	31.333	1.438	1.198	39.8	1.872	28.2	2.908	-0.189	-3.7	2.914
248352.8	843190.2	134.8	34.293	19.789	30.0	39.593	16.8	31.507	1.441	1.203	39.8	1.877	27.5	2.861	-0.235	-4.7	2.870
248352.2	843189.5	134.9	34.485	19.890	30.0	39.810	16.7	31.680	1.445	1.208	39.9	1.883	26.6	2.813	-0.286	-5.8	2.828
248351.6	843188.7	134.9	34.667	19.986	30.0	40.016	16.6	31.843	1.447	1.213	40.0	1.888	25.6	2.763	-0.344	-7.1	2.784
248351.0	843187.9	134.9	34.956	20.138	29.9	40.342	16.5	32.103	1.453	1.218	40.0	1.897	25.3	2.745	-0.378	-7.8	2.771
248350.4	843187.1	135.0	35.458	20.399	29.9	40.907	16.3	32.553	1.469	1.227	39.9	1.913	26.3	2.791	-0.361	-7.4	2.814
248349.7	843186.3	135.2	36.376	20.871	29.8	41.938	15.9	33.374	1.502	1.239	39.5	1.947	30.0	2.958	-0.242	-4.7	2.968
248349.1	843185.5	135.4	37.186	21.286	29.8	42.847	15.5	34.097	1.533	1.251	39.2	1.978	32.9	3.088	-0.159	-2.9	3.092
248348.5	843184.7	135.4	37.414	21.406	29.8	43.104	15.4	34.301	1.535	1.256	39.3	1.983	31.9	3.046	-0.224	-4.2	3.055
248347.9	843183.9	135.5	38.024	21.719	29.7	43.790	15.2	34.847	1.556	1.265	39.1	2.005	33.3	3.113	-0.199	-3.7	3.119
248347.3	843183.1	135.6	38.530	21.980	29.7	44.358	15.0	35.299	1.572	1.273	39.0	2.023	34.0	3.144	-0.203	-3.7	3.151
248346.7	843182.3	135.7	39.074	22.260	29.7	44.970	14.7	35.786	1.590	1.281	38.9	2.042	34.9	3.185	-0.200	-3.6	3.192
248346.1	843181.6	135.7	39.167	22.311	29.7	45.076	14.7	35.870	1.585	1.283	39.0	2.039	32.9	3.097	-0.307	-5.7	3.112
248345.4	843180.8	135.7	39.050	22.257	29.7	44.947	14.7	35.768	1.570	1.282	39.2	2.027	29.7	2.947	-0.465	-9.0	2.983
248344.8	843180.0	135.8	39.510	22.493	29.7	45.464	14.5	36.179	1.584	1.288	39.1	2.042	30.0	2.957	-0.484	-9.3	2.996
248344.2	843179.2	135.9	40.105	22.798	29.6	46.132	14.3	36.711	1.604	1.296	38.9	2.062	31.2	3.001	-0.471	-8.9	3.038
248343.6	843178.4	136.1	41.197	23.352	29.5	47.356	13.8	37.684	1.651	1.309	38.4	2.106	35.3	3.178	-0.342	-6.1	3.197
248343.0	843177.6	136.2	41.627	23.573	29.5	47.838	13.7	38.069	1.664	1.313	38.3	2.119	35.5	3.170	-0.368	-6.6	3.192
248342.4	843176.8	136.2	41.721	23.626	29.5	47.946	13.6	38.155	1.660	1.313	38.4	2.116	33.7	3.070	-0.468	-8.7	3.105
248341.8	843176.0	136.2	41.831	23.686	29.5	48.071	13.6	38.254	1.657	1.313	38.4	2.114	32.0	2.972	-0.562	-10.7	3.025
248341.1	843175.2	136.4	42.924	24.239	29.5	49.295	13.1	39.228	1.704	1.325	37.9	2.159	36.2	3.142	-0.428	-7.8	3.171
248340.5	843174.5	136.4	43.036	24.301	29.5	49.423	13.1	39.330	1.701	1.325	37.9	2.156	34.8	3.048	-0.514	-9.6	3.091
248339.9	843173.7	136.5	43.291	24.435	29.4	49.711	12.9	39.559	1.705	1.326	37.9	2.160	34.2	2.995	-0.564	-10.7	3.048
248339.3	843172.9	136.8	45.074	25.329	29.3	51.703	12.2	41.144	1.792	1.348	36.9	2.243	42.3	3.350	-0.276	-4.7	3.362
248338.7	843172.1	136.9	45.657	25.626	29.3	52.357	12.0	41.664	1.815	1.354	36.7	2.264	43.7	3.391	-0.249	-4.2	3.400
248338.1	843171.3	136.9	45.633	25.621	29.3	52.334	12.0	41.646	1.801	1.351	36.9	2.251	42.1	3.282	-0.347	-6.0	3.300
248337.5	843170.5	137.0	46.285	25.952	29.3	53.064	11.7	42.227	1.827	1.358	36.6	2.276	44.1	3.354	-0.297	-5.1	3.368

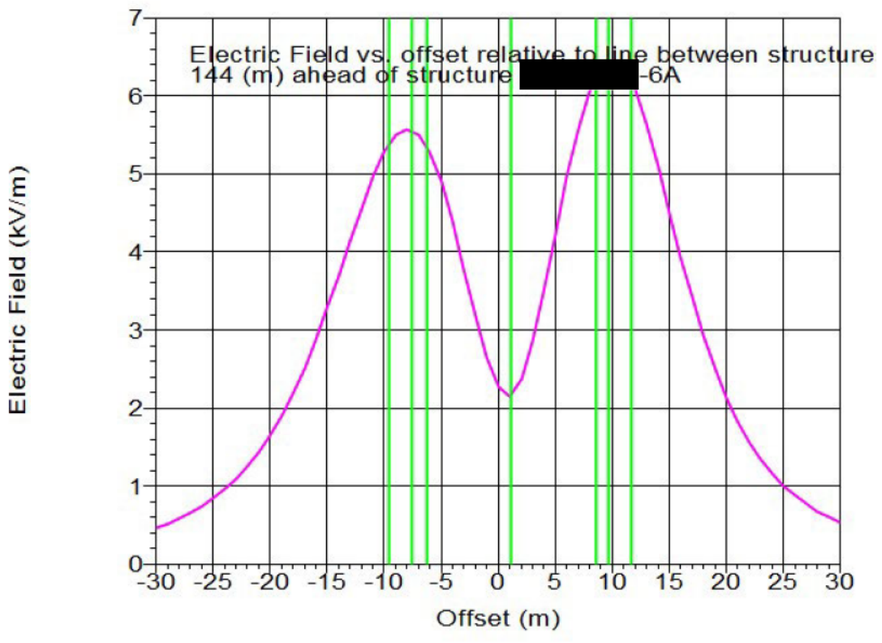
248336.9	843169.7	137.1	46.428	26.030	29.3	53.227	11.6	42.357	1.822	1.358	36.7	2.273	43.5	3.304	-0.351	-6.1	3.323
248336.2	843168.9	137.1	46.416	26.031	29.3	53.217	11.6	42.349	1.809	1.356	36.8	2.260	42.3	3.224	-0.433	-7.6	3.253
248335.6	843168.1	137.1	46.449	26.055	29.3	53.258	11.6	42.381	1.798	1.354	37.0	2.251	41.5	3.165	-0.500	-9.0	3.204
248335.0	843167.3	137.1	46.685	26.180	29.3	53.525	11.5	42.594	1.799	1.356	37.0	2.252	41.9	3.169	-0.518	-9.3	3.211
248334.4	843166.6	137.1	46.728	26.209	29.3	53.577	11.5	42.635	1.789	1.355	37.1	2.244	41.4	3.135	-0.572	-10.3	3.187
248333.8	843165.8	137.1	46.690	26.194	29.3	53.536	11.5	42.602	1.774	1.351	37.3	2.230	40.7	3.099	-0.644	-11.7	3.166
248333.2	843165.0	137.2	46.783	26.248	29.3	53.643	11.4	42.688	1.767	1.351	37.4	2.224	40.8	3.101	-0.675	-12.3	3.173
248332.6	843164.2	137.2	46.852	26.290	29.3	53.724	11.4	42.752	1.759	1.351	37.5	2.218	40.9	3.107	-0.705	-12.8	3.186
248331.9	843163.4	137.2	46.919	26.331	29.3	53.802	11.3	42.815	1.751	1.351	37.6	2.211	41.2	3.124	-0.730	-13.1	3.208
248331.3	843162.6	137.2	46.981	26.370	29.3	53.876	11.3	42.873	1.743	1.351	37.8	2.206	41.7	3.150	-0.749	-13.4	3.238
248330.7	843161.8	137.3	47.038	26.406	29.3	53.943	11.3	42.927	1.736	1.352	37.9	2.200	42.2	3.184	-0.764	-13.5	3.275
248330.1	843161.0	137.2	46.790	26.290	29.3	53.670	11.4	42.709	1.711	1.348	38.2	2.179	41.2	3.151	-0.839	-14.9	3.261
248329.5	843160.2	137.1	46.072	25.939	29.4	52.872	11.6	42.075	1.661	1.340	38.9	2.134	37.3	3.008	-1.013	-18.6	3.174
248328.9	843159.4	137.2	46.260	26.040	29.4	53.085	11.5	42.244	1.663	1.343	38.9	2.137	39.1	3.099	-0.982	-17.6	3.251
248328.3	843158.7	137.1	46.074	25.955	29.4	52.881	11.6	42.081	1.644	1.342	39.2	2.122	38.7	3.102	-1.028	-18.3	3.268
248327.6	843157.9	137.2	45.976	25.913	29.4	52.775	11.6	41.997	1.632	1.342	39.4	2.113	38.9	3.131	-1.049	-18.5	3.302
248327.0	843157.1	137.2	46.412	26.140	29.4	53.267	11.5	42.388	1.652	1.349	39.2	2.133	42.5	3.294	-0.945	-16.0	3.427
248326.4	843156.3	137.3	46.767	26.326	29.4	53.668	11.3	42.708	1.671	1.356	39.1	2.152	45.6	3.437	-0.854	-14.0	3.541
248325.8	843155.5	137.3	46.546	26.223	29.4	53.425	11.4	42.514	1.655	1.355	39.3	2.139	45.4	3.443	-0.885	-14.4	3.555
248325.2	843154.7	137.3	46.321	26.118	29.4	53.177	11.5	42.317	1.639	1.355	39.6	2.126	45.3	3.449	-0.912	-14.8	3.568
248324.6	843153.9	137.3	45.992	25.959	29.4	52.812	11.6	42.027	1.618	1.353	39.9	2.109	44.5	3.432	-0.958	-15.6	3.563
248324.0	843153.1	137.2	45.707	25.823	29.5	52.498	11.7	41.776	1.600	1.352	40.2	2.095	44.1	3.426	-0.990	-16.1	3.566
248323.3	843152.3	137.2	45.435	25.692	29.5	52.196	11.8	41.536	1.584	1.352	40.5	2.082	43.8	3.424	-1.015	-16.5	3.572
248322.7	843151.6	137.2	45.159	25.560	29.5	51.890	11.9	41.293	1.568	1.352	40.8	2.070	43.5	3.423	-1.038	-16.9	3.577
248322.1	843150.8	137.1	44.815	25.393	29.5	51.509	12.0	40.990	1.549	1.351	41.1	2.055	42.9	3.407	-1.072	-17.5	3.572
248321.5	843150.0	137.1	44.666	25.324	29.6	51.345	12.0	40.859	1.541	1.353	41.3	2.051	43.5	3.440	-1.058	-17.1	3.599
248320.9	843149.2	137.1	44.498	25.246	29.6	51.161	12.1	40.713	1.533	1.356	41.5	2.047	44.1	3.470	-1.044	-16.7	3.624
248320.3	843148.4	137.1	44.088	25.044	29.6	50.705	12.3	40.350	1.511	1.355	41.9	2.029	43.1	3.447	-1.085	-17.5	3.614
248319.7	843147.6	137.1	43.803	24.905	29.6	50.388	12.4	40.097	1.496	1.356	42.2	2.019	43.0	3.457	-1.093	-17.6	3.626
248319.1	843146.8	137.1	43.518	24.766	29.6	50.072	12.5	39.846	1.481	1.357	42.5	2.009	43.0	3.471	-1.097	-17.5	3.641
248318.4	843146.0	137.0	43.176	24.597	29.7	49.691	12.6	39.543	1.463	1.357	42.9	1.995	42.7	3.477	-1.111	-17.7	3.650
248317.8	843145.2	137.0	42.722	24.371	29.7	49.185	12.8	39.140	1.438	1.356	43.3	1.976	41.7	3.462	-1.150	-18.4	3.648
248317.2	843144.4	137.0	42.966	24.503	29.7	49.462	12.7	39.361	1.457	1.363	43.1	1.995	45.7	3.616	-1.008	-15.6	3.753
248316.6	843143.7	137.0	42.789	24.418	29.7	49.266	12.7	39.204	1.450	1.365	43.3	1.991	46.9	3.676	-0.967	-14.7	3.801
248316.0	843142.9	137.0	42.607	24.331	29.7	49.065	12.8	39.045	1.443	1.366	43.4	1.987	48.2	3.742	-0.923	-13.9	3.854
248315.4	843142.1	137.0	42.432	24.247	29.7	48.871	12.8	38.891	1.437	1.368	43.6	1.984	49.6	3.815	-0.874	-12.9	3.914
248314.8	843141.3	137.0	42.016	24.038	29.8	48.407	13.0	38.521	1.415	1.366	44.0	1.967	49.4	3.840	-0.882	-12.9	3.940
248314.1	843140.5	136.9	41.085	23.562	29.8	47.362	13.4	37.690	1.360	1.357	44.9	1.921	45.4	3.756	-1.024	-15.3	3.893
248313.5	843139.7	136.7	40.173	23.093	29.9	46.337	13.7	36.874	1.307	1.348	45.9	1.877	41.5	3.681	-1.164	-17.6	3.860
248312.9	843138.9	136.7	39.769	22.888	29.9	45.885	13.9	36.514	1.286	1.346	46.3	1.862	41.4	3.729	-1.167	-17.4	3.907
248312.3	843138.1	136.7	39.654	22.833	29.9	45.758	13.9	36.413	1.283	1.348	46.4	1.861	43.7	3.849	-1.090	-15.8	4.000
248311.7	843137.3	136.7	39.531	22.775	29.9	45.623	13.9	36.305	1.280	1.350	46.5	1.861	45.9	3.971	-1.012	-14.3	4.098
248311.1	843136.6	136.7	39.244	22.630	30.0	45.301	14.1	36.049	1.267	1.350	46.8	1.852	46.9	4.060	-0.979	-13.6	4.176
248310.5	843135.8	136.6	38.566	22.280	30.0	44.539	14.3	35.443	1.229	1.344	47.6	1.821	44.8	4.067	-1.054	-14.5	4.201
248309.8	843135.0	136.5	37.898	21.933	30.1	43.787	14.6	34.845	1.191	1.339	48.3	1.792	42.7	4.080	-1.129	-15.5	4.233
248309.2	843134.2	136.4	37.312	21.628	30.1	43.128	14.8	34.320	1.159	1.335	49.0	1.768	41.3	4.113	-1.181	-16.0	4.280
248308.6	843133.4	136.3	36.810	21.367	30.1	42.562	15.0	33.870	1.133	1.331	49.6	1.748	40.5	4.168	-1.209	-16.2	4.340
248308.0	843132.6	136.3	36.558	21.238	30.2	42.279	15.1	33.645	1.123	1.330	49.8	1.741	41.9	4.279	-1.161	-15.2	4.433
248307.4	843131.8	136.3	36.087	20.993	30.2	41.749	15.3	33.223	1.099	1.326	50.4	1.723	41.4	4.342	-1.179	-15.2	4.499
248306.8	843131.0	136.2	35.524	20.697	30.2	41.113	15.5	32.717	1.069	1.321	51.0	1.700	40.0	4.386	-1.225	-15.6	4.554
248306.2	843130.2	136.1	34.994	20.418	30.3	40.515	15.7	32.241	1.042	1.317	51.6	1.679	39.0	4.437	-1.262	-15.9	4.612
248305.6	843129.4	136.0	34.418	20.114	30.3	39.864	15.9	31.723	1.012	1.311	52.3	1.656	37.4	4.477	-1.314	-16.4	4.666
248304.9	843128.7	135.9	33.710	19.738	30.4	39.063	16.2	31.086	0.974	1.304	53.2	1.628	34.6	4.488	-1.411	-17.5	4.705
248304.3	843127.9	135.8	33.016	19.368	30.4	38.278	16.5	30.460	0.938	1.298	54.1	1.601	31.9	4.501	-1.508	-18.5	4.747
248303.7	843127.1	135.7	32.336	19.004	30.4	37.507	16.8	29.847	0.903	1.292	55.0	1.576	29.2	4.514	-1.604	-19.6	4.791
248303.1	843126.3	135.6	31.730	18.680	30.5	36.820	17.0	29.300	0.873	1.286	55.8	1.554	27.1	4.542	-1.678	-20.3	4.842
248302.5	843125.5	135.6	31.589	18.606	30.5	36.662	17.1	29.175	0.869	1.284	55.9	1.550	29.3	4.666	-1.592	-18.8	4.930
248301.9	843124.7	135.5	31.255	18.428	30.5	36.283	17.2	28.873	0.854	1.280	56.3	1.539	29.6	4.745	-1.574	-18.4	4.999
248301.3	843123.9	135.5	30.850	18.210	30.6	35.824	17.4	28.508	0.836	1.276	56.8	1.526	29.2	4.806	-1.583	-18.2	5.060
248300.6	843123.1	135.4	30.451	17.996	30.6	35.371	17.5	28.147	0.818	1.272	57.3	1.512	28.8	4.864	-1.592	-18.1	5.118
248300.0	843122.3	135.4	30.015	17.760	30.6	34.876	17.7	27.753	0.797	1.268	57.8	1.498	27.9	4.911	-1.617	-18.2	5.170
248299.4	843121.6	135.3	29.440	17.448	30.7	34.221	17.9	27.233	0.769	1.263	58.7	1.479	25.7	4.926	-1.697	-19.0	5.210
248298.8	843120.8	135.2	28.967	17.191	30.7	33.684	18.1	26.805	0.747	1.259	59.3	1.464	24.4	4.957	-1.742	-19.4	5.254
248298.2	843120.0	135.2	28.851	17.129	30.7	33.553	18.1	26.701	0.745	1.257	59.4	1.461	26.4	5.055	-1.653	-18.1	5.318
248297.6	843119.2	135.2	28.761	17.082	30.7	33.452	18.2	26.620	0.745	1.255	59.3	1.460	28.6	5.151	-1.555	-16.8	5.381
248297.0	843118.4	135.3	28.618	17.005	30.7	33.289	18.2	26.491	0.743	1.253	59.3	1.457	30.2	5.230	-1.478	-15.8	5.435
248296.3	843117.6	135.2	28.225	16.791	30.7	32.842	18.4	26.135	0.726	1.250	59.9	1.445	29.4	5.256	-1.498	-15.9	5.465
248295.7	843116.8	135.1	27.837	16.579	30.8	32.400	18.5	25.783	0.709	1.246	60.4	1.433	28.7	5.276	-1.518	-16.0	5.490
248295.1	843116.0	135.1	27.614	16.457	30.8	32.146	18.6	25.581	0.702	1.243	60.5	1.428	29.4	5.321	-1.473	-15.5	5.521
248294.5	843115.2	135.2	27.453	16.370	30.8	31.963	18.7	25.435	0.701	1.241	60.5	1.425	30.7	5.369	-1.402	-14.6	5.549
248293.9	843114.4	135.2	27.308	16.292	30.8	31.799	18.7	25.305	0.701	1.238	60.5	1.423	32.2	5.413	-1.323	-13.7	5.572
248293.3	843113.7	135.1	26.835	16.031	30.9	31.259	18.9	24.875	0.679	1.233	61.1	1.408	30.5	5.388	-1.376	-14.3	5.561
248292.7	843112.9	135.1	26.622	15.914	30.9	31.016	19.0	24.682	0.676	1.229	61.2	1.403	31.3	5.403	-1.321	-13.7	5.562
248292.1	843112.1	135.1	26.457	15.824	30.9	30.828	19.1	24.532	0.677	1.225	61.1	1.399	32.5	5.417	-1.243	-12.9	5.558
248291.4	843111.3	135.1	26.315	15.747	30.9	30.667	19.1	24.404	0.680	1.220	60.9	1.397	34.0	5.425	-1.152	-12.0	5.546
248290.8	843110.5	135.1	26.015	15.581	30.9	30.324	19.3	24.131	0.673	1.214	61.0	1.388	34.0	5.396	-1.124	-11.8	5.512
248290.2	843109.7	135.0	25.580	15.340	30.9	29.827	19.4	23.736	0.657	1.207	61.4	1.374	32.8	5.334	-1.149	-12.2	5.456
248289.6	843108.9	135.0	25.243	15.152	31.0	29.441	19.6	23.429	0.649	1.199	61.6	1.363	32.6	5.278	-1.130	-12.1	5.398
248289.0	843108.1	134.9	24.956	14.993	31.0	29.113	19.7	23.168	0.645	1.191	61.6	1.354	32.8	5.221	-1.084	-11.7	5.333
248288.4	843107.3	134.9	24.657	14.826	31.0	28.771	19.8	22.895	0.641	1.182	61.5	1.345	32.9	5.152	-1.040	-11.4	5.256
248287.8	843106.6	134.9	24.360	14.660	31.0	28.431	19.9	22.625	0.638	1.173	61.5	1.335	33.1	5.071	-0.991	-11.1	5.167
248287.1	843105.8	134.8	24.061	14.493	31.1	28.089	20.0	22.353	0.635	1.162	61.4	1.325	33.2	4.980	-0.939	-10.7	5.068
248286.5	843105.0	134.8	23.724	14.304	31.1	27.703	20.2	22.045	0.631	1.151	61.3	1.313	33.1	4.871	-0.900	-10.5	4.953
248285.9	843104.2	134.7	23.391	14.117	31.1	27.320	20.3	21.741	0.628	1.139	61.2	1.301	32.9	4.751	-0.857	-10.2	4.828
248285.3	843103.4	134.7	23.060	13.930	31.1	26.941	20.5	21.439	0.625	1.127	61.0	1.289	32.8	4.621	-0.809	-9.9	4.691
248284.7	843102.6	134.6	22.659	13.703	31.2	26.480	20.6	21.072	0.620	1.113	60.9	1.274	32.1	4.467	-0.792	-10.1	4.537
248284.1	843101.8	134.5	22.257	13.476	31.2	26.019	20.8	20.705	0.615	1.100	60.8	1.260	31.4	4.302	-0.774	-10.2	4.371

248283.5	843101.0	134.4	21.862	13.252	31.2	25.565	21.0	20.344	0.612	1.085	60.6	1.246	30.8	4.127	-0.753	-10.3	4.195
248282.8	843100.2	134.4	21.475	13.031	31.2	25.119	21.1	19.989	0.610	1.071	60.3	1.233	30.1	3.943	-0.729	-10.5	4.010
248282.2	843099.4	134.3	21.093	12.814	31.3	24.680	21.3	19.640	0.610	1.056	60.0	1.219	29.5	3.751	-0.704	-10.6	3.816
248281.6	843098.7	134.2	20.802	12.647	31.3	24.345	21.4	19.373	0.612	1.041	59.5	1.208	29.2	3.569	-0.638	-10.1	3.625
248281.0	843097.9	134.1	20.327	12.375	31.3	23.797	21.6	18.937	0.611	1.026	59.2	1.194	28.1	3.337	-0.665	-11.3	3.402
248280.4	843097.1	134.1	20.096	12.243	31.4	23.532	21.7	18.726	0.616	1.011	58.7	1.184	27.7	3.154	-0.578	-10.4	3.206
248279.8	843096.3	134.0	19.791	12.068	31.4	23.181	21.9	18.446	0.619	0.997	58.2	1.174	27.0	2.947	-0.533	-10.3	2.995
248279.2	843095.5	134.0	19.486	11.893	31.4	22.829	22.0	18.166	0.623	0.983	57.6	1.164	26.2	2.735	-0.496	-10.3	2.780
248278.5	843094.7	134.0	19.288	11.779	31.4	22.601	22.1	17.985	0.628	0.970	57.1	1.156	25.3	2.546	-0.415	-9.3	2.580
248277.9	843093.9	134.0	19.194	11.726	31.4	22.492	22.1	17.899	0.633	0.959	56.6	1.149	24.3	2.383	-0.293	-7.0	2.401
248277.3	843093.1	134.0	19.099	11.672	31.4	22.383	22.2	17.812	0.638	0.948	56.1	1.143	23.2	2.220	-0.183	-4.7	2.228
248276.7	843092.3	134.1	19.003	11.617	31.4	22.273	22.2	17.724	0.642	0.940	55.7	1.138	22.0	2.058	-0.085	-2.4	2.060
248276.1	843091.5	134.1	18.906	11.562	31.4	22.161	22.3	17.635	0.646	0.932	55.3	1.134	20.7	1.897	-0.000	-0.0	1.897
248275.5	843090.8	134.2	18.869	11.542	31.5	22.120	22.3	17.602	0.649	0.927	55.0	1.131	19.4	1.756	0.100	3.3	1.759
248274.9	843090.0	134.3	18.865	11.541	31.5	22.115	22.3	17.599	0.652	0.923	54.8	1.130	18.3	1.629	0.201	7.0	1.641
248274.3	843089.2	134.4	18.845	11.531	31.5	22.093	22.3	17.581	0.655	0.921	54.6	1.130	17.0	1.500	0.281	10.6	1.526
248273.6	843088.4	134.4	18.715	11.457	31.5	21.944	22.4	17.463	0.655	0.920	54.5	1.130	15.3	1.343	0.294	12.3	1.375
248273.0	843087.6	134.3	18.438	11.297	31.5	21.624	22.5	17.208	0.655	0.919	54.5	1.129	13.1	1.144	0.221	11.0	1.165
248272.4	843086.8	134.3	18.213	11.168	31.5	21.364	22.6	17.001	0.657	0.921	54.5	1.131	11.7	0.963	0.158	9.3	0.975
248271.8	843086.0	134.4	18.161	11.139	31.5	21.305	22.6	16.954	0.658	0.925	54.6	1.135	10.6	0.840	0.164	11.1	0.856
248271.2	843085.2	134.6	18.322	11.235	31.5	21.493	22.6	17.103	0.658	0.932	54.8	1.141	9.1	0.790	0.262	18.3	0.832
248270.6	843084.4	134.8	18.583	11.390	31.5	21.796	22.5	17.345	0.659	0.941	55.0	1.149	8.6	0.777	0.395	27.0	0.872
248270.0	843083.7	135.0	18.806	11.522	31.5	22.056	22.4	17.551	0.661	0.951	55.2	1.158	8.8	0.756	0.499	33.4	0.906
248269.3	843082.9	135.1	18.853	11.552	31.5	22.111	22.4	17.596	0.661	0.960	55.5	1.166	8.1	0.684	0.509	36.7	0.853
248268.7	843082.1	135.4	19.186	11.749	31.5	22.497	22.3	17.902	0.665	0.972	55.6	1.177	10.3	0.707	0.649	42.6	0.960
248268.1	843081.3	135.7	19.673	12.035	31.5	23.062	22.1	18.352	0.674	0.985	55.6	1.193	14.9	0.780	0.855	47.6	1.157
248267.5	843080.5	136.1	20.175	12.330	31.4	23.644	21.9	18.815	0.688	0.998	55.4	1.212	20.0	0.860	1.060	50.9	1.366
248266.9	843079.7	136.4	20.692	12.634	31.4	24.244	21.7	19.293	0.706	1.012	55.1	1.234	25.3	0.947	1.268	53.3	1.582
248266.3	843078.9	136.7	21.226	12.947	31.4	24.863	21.5	19.785	0.729	1.025	54.6	1.258	30.8	1.039	1.478	54.9	1.807
248265.7	843078.1	137.1	21.777	13.270	31.4	25.502	21.3	20.294	0.757	1.039	53.9	1.286	36.5	1.138	1.693	56.1	2.040
248265.0	843077.3	137.4	22.347	13.604	31.3	26.162	21.1	20.819	0.789	1.053	53.1	1.316	42.4	1.244	1.913	57.0	2.282
248264.4	843076.5	137.7	22.936	13.948	31.3	26.845	20.8	21.362	0.826	1.067	52.3	1.349	48.5	1.355	2.138	57.6	2.532
248263.8	843075.8	137.9	23.233	14.125	31.3	27.190	20.8	21.637	0.844	1.075	51.9	1.367	51.5	1.393	2.245	58.2	2.642
248263.2	843075.0	137.9	23.001	13.997	31.3	26.925	20.9	21.426	0.824	1.072	52.4	1.353	48.9	1.302	2.140	58.7	2.506
248262.6	843074.2	137.9	22.779	13.875	31.3	26.672	21.1	21.225	0.806	1.069	53.0	1.339	46.5	1.218	2.041	59.2	2.376
248262.0	843073.4	137.9	22.570	13.760	31.4	26.433	21.2	21.035	0.788	1.066	53.5	1.326	44.2	1.139	1.947	59.7	2.255
248261.4	843072.6	137.9	22.373	13.652	31.4	26.210	21.4	20.857	0.772	1.063	54.0	1.314	42.2	1.067	1.858	60.1	2.143
248260.8	843071.8	137.9	22.192	13.553	31.4	26.004	21.5	20.693	0.757	1.060	54.4	1.302	40.3	1.000	1.776	60.6	2.039
248260.1	843071.0	137.9	22.028	13.464	31.4	25.817	21.6	20.544	0.744	1.056	54.9	1.292	38.6	0.940	1.701	61.1	1.944
248259.5	843070.2	137.9	21.882	13.384	31.5	25.651	21.7	20.413	0.731	1.054	55.2	1.282	37.0	0.886	1.632	61.5	1.857
248258.9	843069.4	137.9	21.757	13.317	31.5	25.509	21.8	20.300	0.720	1.051	55.6	1.274	35.7	0.837	1.570	61.9	1.780
248258.3	843068.7	137.9	21.628	13.246	31.5	25.361	21.9	20.182	0.709	1.049	56.0	1.266	34.1	0.786	1.502	62.4	1.696
248257.7	843067.9	137.9	21.564	13.212	31.5	25.290	22.0	20.125	0.701	1.048	56.2	1.261	33.2	0.752	1.460	62.7	1.642
248257.1	843067.1	137.9	21.522	13.191	31.5	25.243	22.0	20.088	0.695	1.048	56.5	1.257	32.4	0.722	1.422	63.1	1.594
248256.5	843066.3	137.9	21.496	13.177	31.5	25.213	22.0	20.064	0.689	1.048	56.7	1.254	31.6	0.692	1.384	63.4	1.547

Max EF along centerline is 2.276 (kV/m) at 144.000 (m) from structure [redacted]-6A

Cross section results at max EF along centerline between structures [redacted]-6A and [redacted]-7R





3D EMF Point Results Span from [redacted]-6A to [redacted]-7R:

Measurement			B					H	EF					Space Potential			
X (m)	Y (m)	Z (m)	Real (uT)	Imaginary (uT)	Angle (deg)	Magnitude (uT)	Polarization Axial Ratio %	Magnitude (A/m)	Real (kV/m)	Imaginary (kV/m)	Angle (deg)	Magnitude (kV/m)	Polarization Axial Ratio %	Real (kV)	Imaginary (kV)	Angle (deg)	Magnitude (kV)
248361.2	843152.1	131.8	5.624	4.052	35.8	6.931	44.0	5.516	0.158	0.446	70.4	0.473	31.4	-0.821	0.817	-44.9	1.158
248360.4	843152.7	132.0	6.073	4.316	35.4	7.450	44.0	5.929	0.193	0.490	68.5	0.526	30.1	-0.976	0.824	-40.2	1.277
248359.6	843153.3	132.1	6.545	4.583	35.0	7.991	43.9	6.359	0.243	0.536	65.6	0.589	29.1	-1.151	0.859	-36.7	1.436
248358.8	843153.9	132.3	7.064	4.870	34.6	8.580	43.8	6.828	0.307	0.586	62.3	0.662	28.1	-1.347	0.888	-33.4	1.614
248358.0	843154.5	132.4	7.636	5.180	34.2	9.227	43.6	7.342	0.387	0.638	58.7	0.746	26.8	-1.564	0.907	-30.1	1.808
248357.2	843155.2	132.6	8.265	5.511	33.7	9.934	43.3	7.905	0.486	0.692	54.9	0.846	25.3	-1.803	0.915	-26.9	2.022
248356.4	843155.8	132.7	8.959	5.866	33.2	10.709	42.9	8.522	0.605	0.748	51.0	0.962	23.8	-2.065	0.911	-23.8	2.257
248355.6	843156.4	132.9	9.754	6.265	32.7	11.593	42.5	9.225	0.747	0.804	47.1	1.097	21.7	-2.320	0.853	-20.2	2.472
248354.8	843157.0	133.2	10.751	6.761	32.2	12.701	42.2	10.107	0.912	0.857	43.2	1.252	18.5	-2.454	0.638	-14.6	2.536

248354.0	843157.6	133.4	11.742	7.225	31.6	13.786	41.6	10.971	1.113	0.910	39.3	1.438	16.4	-2.691	0.533	-11.2	2.743
248353.3	843158.2	133.6	12.829	7.715	31.0	14.970	40.9	11.913	1.349	0.959	35.4	1.655	14.5	-2.932	0.415	-8.1	2.961
248352.5	843158.8	133.8	14.108	8.278	30.4	16.357	40.1	13.017	1.620	1.002	31.7	1.905	12.1	-3.053	0.207	-3.9	3.060
248351.7	843159.5	134.0	15.530	8.878	29.8	17.889	39.1	14.236	1.932	1.037	28.2	2.193	9.9	-3.114	-0.023	0.4	3.114
248350.9	843160.1	134.4	17.364	9.636	29.0	19.859	38.2	15.803	2.280	1.061	24.9	2.514	6.9	-2.737	-0.441	9.2	2.772
248350.1	843160.7	134.7	19.274	10.380	28.3	21.891	37.0	17.421	2.670	1.073	21.9	2.877	4.9	-2.382	-0.772	18.0	2.504
248349.3	843161.3	134.9	21.361	11.156	27.6	24.099	35.6	19.177	3.095	1.072	19.1	3.275	3.2	-1.908	-1.083	29.6	2.194
248348.5	843161.9	135.2	23.811	12.035	26.8	26.680	34.1	21.231	3.544	1.055	16.6	3.698	1.5	-1.060	-1.443	53.7	1.791
248347.7	843162.5	135.5	26.501	12.959	26.1	29.500	32.4	23.475	4.005	1.021	14.3	4.133	0.4	-0.010	-1.771	89.7	1.771
248346.9	843163.1	135.8	29.407	13.925	25.3	32.537	30.6	25.892	4.457	0.971	12.3	4.561	0.9	1.214	-2.052	-59.4	2.384
248346.1	843163.8	136.0	32.558	14.950	24.7	35.827	28.6	28.510	4.874	0.903	10.5	4.957	1.6	2.646	-2.291	-40.9	3.500
248345.4	843164.4	136.2	35.586	15.943	24.1	38.994	26.6	31.030	5.220	0.818	8.9	5.284	2.1	3.906	-2.423	-31.8	4.596
248344.6	843165.0	136.3	38.021	16.806	23.8	41.569	24.6	33.080	5.448	0.715	7.5	5.495	2.1	4.605	-2.421	-27.7	5.203
248343.8	843165.6	136.5	40.543	17.770	23.7	44.266	22.5	35.226	5.544	0.599	6.2	5.576	2.4	5.469	-2.411	-23.8	5.977
248343.0	843166.2	136.6	42.813	18.769	23.7	46.747	20.5	37.200	5.484	0.473	4.9	5.504	2.7	6.183	-2.350	-20.8	6.614
248342.2	843166.8	136.7	44.635	19.774	23.9	48.819	18.6	38.849	5.261	0.346	3.8	5.272	3.3	6.594	-2.225	-18.6	6.960
248341.4	843167.4	136.8	45.989	20.797	24.3	50.473	16.9	40.165	4.888	0.255	3.0	4.895	4.5	6.702	-2.040	-16.9	7.006
248340.6	843168.0	136.9	46.537	21.733	25.0	51.362	15.4	40.872	4.380	0.283	3.7	4.389	6.3	6.297	-1.795	-15.9	6.547
248339.8	843168.7	136.8	46.113	22.477	26.0	51.300	14.3	40.823	3.764	0.438	6.6	3.789	9.0	5.364	-1.534	-16.0	5.579
248339.0	843169.3	136.8	45.579	23.270	27.0	51.176	13.4	40.724	3.097	0.681	12.4	3.171	13.6	4.471	-1.269	-15.8	4.647
248338.3	843169.9	136.9	46.269	24.682	28.1	52.441	12.3	41.731	2.460	1.000	22.1	2.655	25.6	4.110	-0.802	-11.0	4.188
248337.5	843170.5	137.0	46.285	25.952	29.3	53.064	11.7	42.227	1.827	1.358	36.6	2.276	44.1	3.354	-0.297	-5.1	3.368
248336.7	843171.1	137.0	45.777	27.047	30.6	53.170	11.5	42.312	1.245	1.759	54.7	2.155	55.2	2.429	0.175	4.1	2.435
248335.9	843171.7	137.0	45.120	28.088	31.9	53.149	11.7	42.294	0.875	2.206	68.4	2.373	39.4	1.530	0.631	22.4	1.655
248335.1	843172.3	137.0	44.336	29.035	33.2	52.997	12.2	42.174	0.969	2.691	70.2	2.860	23.1	0.721	1.032	55.1	1.259
248334.3	843173.0	136.9	43.281	29.733	34.5	52.510	13.1	41.786	1.400	3.199	66.4	3.492	13.1	0.079	1.263	86.4	1.266
248333.5	843173.6	137.0	43.459	31.343	35.8	53.582	13.7	42.639	1.993	3.735	61.9	4.233	9.1	-0.825	2.245	-69.8	2.392
248332.7	843174.2	137.1	43.484	32.874	37.1	54.512	14.6	43.379	2.554	4.250	59.0	4.958	6.6	-1.807	3.304	-61.3	3.766
248331.9	843174.8	137.2	42.780	33.737	38.3	54.482	16.0	43.355	3.034	4.689	57.1	5.585	4.9	-2.561	3.984	-57.3	4.736
248331.1	843175.4	137.2	41.531	33.984	39.3	53.663	17.7	42.704	3.423	5.006	55.6	6.065	3.9	-3.072	4.336	-54.7	5.314
248330.4	843176.0	137.1	39.865	33.665	40.2	52.178	19.6	41.522	3.703	5.167	54.4	6.357	3.3	-3.366	4.416	-52.7	5.552
248329.6	843176.6	137.1	38.016	32.986	40.9	50.332	21.7	40.053	3.869	5.154	53.1	6.444	3.1	-3.581	4.410	-50.9	5.681
248328.8	843177.3	137.2	36.565	32.603	41.7	48.989	23.7	38.984	3.933	4.992	51.8	6.355	3.5	-4.173	4.878	-49.5	6.419
248328.0	843177.9	137.4	34.826	31.752	42.4	47.128	25.8	37.503	3.883	4.672	50.3	6.075	4.2	-4.635	5.117	-47.8	6.904
248327.2	843178.5	137.4	32.606	30.152	42.8	44.411	28.1	35.341	3.732	4.218	48.5	5.632	4.8	-4.712	4.851	-45.8	6.763
248326.4	843179.1	137.4	30.047	27.937	42.9	41.028	30.4	32.649	3.508	3.681	46.4	5.085	5.3	-4.399	4.158	-43.4	6.053
248325.6	843179.7	137.3	27.495	25.546	42.9	37.531	32.6	29.866	3.244	3.122	43.9	4.502	5.6	-3.935	3.364	-40.5	5.177
248324.8	843180.3	137.4	25.416	23.605	42.9	34.687	34.7	27.603	2.968	2.592	41.1	3.941	6.6	-3.814	2.934	-37.6	4.812
248324.0	843180.9	137.4	23.451	21.682	42.8	31.938	36.8	25.416	2.689	2.100	38.0	3.411	7.6	-3.650	2.488	-34.3	4.417
248323.3	843181.5	137.4	21.474	19.643	42.5	29.103	38.7	23.159	2.414	1.656	34.4	2.927	8.2	-3.271	1.929	-30.5	3.798
248322.5	843182.2	137.4	19.779	17.889	42.1	26.669	40.4	21.223	2.155	1.276	30.6	2.504	9.1	-3.050	1.531	-26.7	3.413
248321.7	843182.8	137.5	18.281	16.329	41.8	24.512	42.1	19.506	1.914	0.958	26.6	2.140	10.4	-2.903	1.209	-22.6	3.144
248320.9	843183.4	137.6	16.909	14.886	41.4	22.528	43.6	17.927	1.693	0.696	22.4	1.830	11.8	-2.747	0.913	-18.4	2.895
248320.1	843184.0	137.6	15.608	13.510	40.9	20.643	44.8	16.427	1.491	0.485	18.0	1.568	12.7	-2.524	0.630	-14.0	2.602
248319.3	843184.6	137.6	14.360	12.191	40.3	18.837	45.8	14.990	1.308	0.318	13.7	1.346	13.0	-2.220	0.377	-9.6	2.252
248318.5	843185.2	137.6	13.228	11.010	39.8	17.211	46.6	13.696	1.144	0.197	9.8	1.161	13.2	-1.943	0.181	-5.3	1.952
248317.7	843185.8	137.6	12.261	10.017	39.2	15.833	47.3	12.599	0.998	0.141	8.0	1.008	14.0	-1.780	0.032	-1.0	1.780
248316.9	843186.5	137.7	11.383	9.128	38.7	14.590	47.9	11.611	0.868	0.145	9.5	0.880	14.8	-1.633	-0.092	3.2	1.635
248316.1	843187.1	137.7	10.578	8.326	38.2	13.461	48.4	10.712	0.752	0.176	13.2	0.772	15.6	-1.492	-0.193	7.4	1.505
248315.4	843187.7	137.8	9.831	7.593	37.7	12.422	48.7	9.885	0.650	0.207	17.7	0.682	16.2	-1.347	-0.272	11.4	1.374
248314.6	843188.3	137.8	9.135	6.924	37.2	11.462	48.8	9.121	0.559	0.231	22.5	0.605	16.4	-1.197	-0.325	15.2	1.240
248313.8	843188.9	137.9	8.516	6.340	36.7	10.617	49.0	8.449	0.480	0.250	27.5	0.541	17.0	-1.085	-0.375	19.1	1.148

Centerline results between structures [redacted]-7R and [redacted]-8R

3D EMF Point Results Centerline from [redacted]-7R to [redacted]-8R:

Measurement			B					H	EF					Space Potential				
X (m)	Y (m)	Z (m)	Real (uT)	Imaginary (uT)	Angle (deg)	Magnitude (uT)	Polarization Axial Ratio %	Magnitude (A/m)	Real (kV/m)	Imaginary (kV/m)	Angle (deg)	Magnitude (kV/m)	Polarization Axial Ratio %	Real (kV)	Imaginary (kV)	Angle (deg)	Magnitude (kV)	
248255.5	843065.1	137.9	21.507	13.185	31.5	25.227	22.0	20.075	0.682	1.051	57.0	1.252	30.5	0.655	1.336	63.9	1.488	
248254.9	843064.3	137.9	21.550	13.207	31.5	25.275	21.9	20.113	0.680	1.052	57.1	1.253	30.0	0.637	1.309	64.1	1.456	
248254.3	843063.5	137.9	21.620	13.245	31.5	25.355	21.8	20.177	0.680	1.055	57.2	1.255	29.5	0.622	1.286	64.2	1.429	
248253.7	843062.7	137.9	21.718	13.297	31.5	25.465	21.7	20.264	0.681	1.059	57.3	1.259	29.2	0.609	1.267	64.3	1.406	
248253.1	843061.9	137.9	21.840	13.363	31.5	25.604	21.6	20.375	0.683	1.063	57.3	1.264	28.9	0.599	1.252	64.4	1.388	
248252.5	843061.1	137.9	21.955	13.424	31.4	25.734	21.5	20.478	0.683	1.068	57.4	1.268	28.2	0.583	1.225	64.6	1.356	
248251.9	843060.3	137.9	22.142	13.525	31.4	25.946	21.3	20.647	0.687	1.074	57.4	1.275	28.3	0.581	1.222	64.6	1.353	
248251.3	843059.5	137.9	22.349	13.638	31.4	26.181	21.1	20.834	0.692	1.081	57.4	1.284	28.4	0.581	1.222	64.6	1.353	
248250.7	843058.7	137.9	22.559	13.753	31.4	26.420	20.9	21.024	0.696	1.088	57.4	1.292	28.3	0.578	1.216	64.6	1.346	
248250.1	843057.9	137.9	22.786	13.877	31.3	26.679	20.7	21.230	0.701	1.095	57.4	1.300	28.3	0.576	1.212	64.6	1.342	
248249.5	843057.2	137.9	23.029	14.010	31.3	26.955	20.5	21.450	0.705	1.103	57.4	1.309	28.3	0.575	1.209	64.6	1.339	
248248.8	843056.4	137.9	23.285	14.150	31.3	27.248	20.3	21.683	0.711	1.111	57.4	1.319	28.4	0.575	1.207	64.5	1.337	
248248.2	843055.6	137.9	23.554	14.298	31.3	27.554	20.1	21.927	0.716	1.118	57.4	1.328	28.5	0.575	1.207	64.5	1.337	
248247.6	843054.8	137.9	23.834	14.452	31.2	27.873	19.8	22.181	0.722	1.126	57.4	1.338	28.6	0.577	1.207	64.5	1.338	
248247.0	843054.0	137.9	24.123	14.611	31.2	28.203	19.6	22.443	0.727	1.134	57.3	1.347	28.7	0.578	1.208	64.4	1.339	
248246.4	843053.2	137.9	24.420	14.775	31.2	28.542	19.4	22.713	0.733	1.142	57.3	1.357	28.9	0.580	1.209	64.4	1.341	
248245.8	843052.4	137.9	24.719	14.940	31.1	28.883	19.2	22.984	0.738	1.149	57.3	1.366	29.0	0.581	1.208	64.3	1.340	
248245.2	843051.6	137.9	25.028	15.111	31.1	29.236	18.9	23.265	0.744	1.157	57.3	1.375	29.2	0.583	1.209	64.2	1.342	
248244.6	843050.8	137.9	25.352	15.290	31.1	29.606	18.7	23.560	0.750	1.164	57.2	1.384	29.5	0.588	1.214	64.2	1.349	
248244.0	843050.0	137.9	25.673	15.468	31.1	29.973	18.5	23.851	0.755	1.171	57.2	1.393	29.7	0.591	1.216	64.1	1.352	
248243.4	843049.2	137.9	25.998	15.648	31.0	30.344	18.3	24.147	0.761	1.178	57.1	1.402	29.9	0.594	1.218	64.0	1.355	
248242.8	843048.4	137.9	26.327	15.831	31.0	30.720	18.0	24.446	0.766	1.185	57.1	1.411	30.2	0.597	1.220	63.9	1.359	
248242.2	843047.6	137.9	26.659	16.015	31.0	31.100	17.8	24.748	0.772	1.191	57.1	1.419	30.4	0.601	1.222	63.8	1.362	

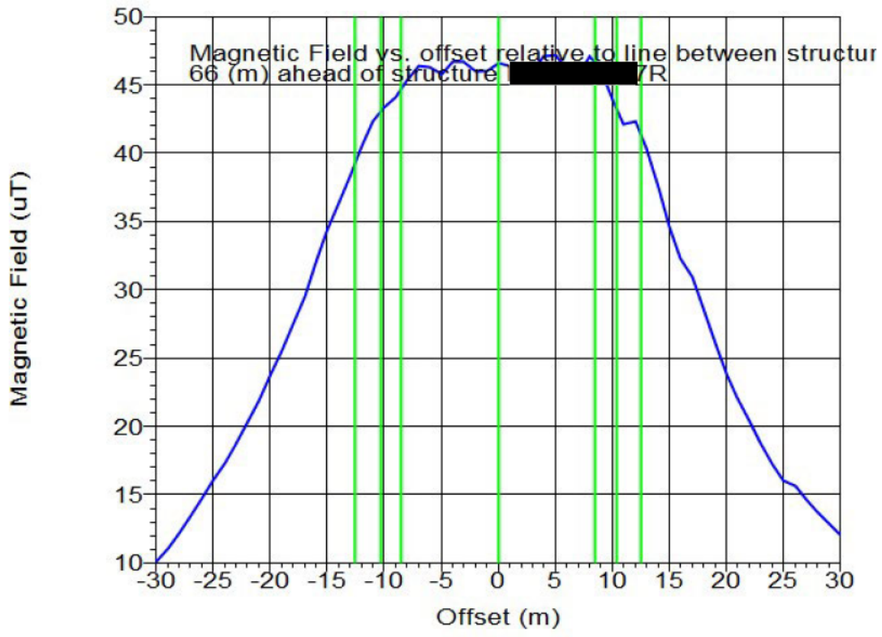
248241.6	843046.8	137.9	26.994	16.201	31.0	31.482	17.6	25.053	0.777	1.197	57.0	1.427	30.7	0.604	1.224	63.7	1.365
248240.9	843046.0	137.9	27.331	16.388	30.9	31.868	17.4	25.360	0.783	1.203	57.0	1.435	31.0	0.608	1.227	63.6	1.369
248240.3	843045.2	137.9	27.671	16.576	30.9	32.256	17.2	25.668	0.788	1.209	56.9	1.443	31.3	0.612	1.229	63.5	1.373
248239.7	843044.4	137.9	28.012	16.765	30.9	32.646	17.0	25.979	0.793	1.215	56.9	1.451	31.6	0.616	1.231	63.4	1.376
248239.1	843043.7	137.9	28.355	16.955	30.9	33.038	16.8	26.290	0.798	1.220	56.8	1.458	31.9	0.620	1.233	63.3	1.380
248238.5	843042.9	137.9	28.699	17.146	30.9	33.431	16.6	26.603	0.803	1.225	56.8	1.465	32.3	0.625	1.235	63.2	1.384
248237.9	843042.1	137.9	29.044	17.338	30.8	33.825	16.4	26.917	0.808	1.230	56.7	1.472	32.6	0.629	1.237	63.0	1.388
248237.3	843041.3	137.9	29.390	17.529	30.8	34.221	16.2	27.232	0.813	1.235	56.6	1.479	33.0	0.635	1.240	62.9	1.393
248236.7	843040.5	137.9	29.737	17.722	30.8	34.617	16.0	27.548	0.818	1.239	56.6	1.485	33.4	0.640	1.242	62.7	1.397
248236.1	843039.7	137.9	30.085	17.914	30.8	35.014	15.8	27.864	0.823	1.244	56.5	1.491	33.8	0.646	1.244	62.5	1.402
248235.5	843038.9	137.9	30.433	18.107	30.8	35.412	15.6	28.180	0.827	1.248	56.4	1.497	34.2	0.653	1.247	62.4	1.408
248234.9	843038.1	137.9	30.781	18.299	30.7	35.810	15.4	28.496	0.832	1.251	56.4	1.503	34.7	0.661	1.250	62.1	1.414
248234.3	843037.3	137.9	31.129	18.492	30.7	36.208	15.2	28.813	0.837	1.255	56.3	1.508	35.2	0.669	1.253	61.9	1.420
248233.7	843036.5	137.9	31.478	18.685	30.7	36.606	15.0	29.130	0.841	1.258	56.2	1.514	35.7	0.678	1.256	61.6	1.427
248233.0	843035.7	137.9	31.793	18.859	30.7	36.966	14.8	29.416	0.844	1.261	56.2	1.517	35.9	0.681	1.248	61.4	1.422
248232.4	843034.9	137.9	32.159	19.061	30.7	37.384	14.6	29.749	0.849	1.264	56.1	1.523	36.6	0.695	1.258	61.1	1.437
248231.8	843034.1	137.9	32.449	19.220	30.6	37.714	14.4	30.012	0.850	1.266	56.1	1.525	36.6	0.695	1.242	60.8	1.423
248231.2	843033.3	137.8	32.566	19.283	30.6	37.847	14.3	30.118	0.840	1.266	56.4	1.519	34.9	0.662	1.169	60.5	1.344
248230.6	843032.5	137.8	32.831	19.428	30.6	38.148	14.2	30.357	0.839	1.267	56.5	1.519	34.7	0.659	1.147	60.1	1.323
248230.0	843031.7	137.9	33.498	19.799	30.6	38.912	13.8	30.965	0.864	1.273	55.8	1.538	38.6	0.734	1.258	59.7	1.456
248229.4	843030.9	137.9	33.642	19.876	30.6	39.075	13.7	31.095	0.855	1.272	56.1	1.533	37.2	0.709	1.196	59.3	1.391
248228.8	843030.2	137.8	33.656	19.881	30.6	39.090	13.7	31.107	0.838	1.270	56.6	1.522	34.6	0.661	1.094	58.9	1.278
248228.2	843029.4	137.9	34.312	20.245	30.5	39.839	13.3	31.703	0.863	1.275	55.9	1.540	38.4	0.733	1.201	58.6	1.407
248227.6	843028.6	137.7	34.229	20.196	30.5	39.743	13.3	31.627	0.840	1.271	56.6	1.524	34.9	0.667	1.070	58.0	1.261
248227.0	843027.8	137.9	35.028	20.639	30.5	40.656	12.9	32.353	0.875	1.278	55.6	1.549	40.2	0.765	1.222	58.0	1.442
248226.4	843027.0	137.8	35.102	20.678	30.5	40.739	12.9	32.419	0.861	1.276	56.0	1.539	38.3	0.728	1.144	57.5	1.357
248225.8	843026.2	137.7	35.072	20.658	30.5	40.704	12.8	32.391	0.842	1.272	56.5	1.526	35.3	0.673	1.035	57.0	1.235
248225.1	843025.4	137.9	35.988	21.167	30.5	41.751	12.4	33.224	0.886	1.280	55.3	1.557	42.0	0.788	1.225	57.2	1.457
248224.5	843024.6	137.6	35.395	20.832	30.5	41.071	12.6	32.683	0.829	1.269	56.8	1.516	33.3	0.632	0.944	56.2	1.136
248223.9	843023.8	137.7	36.081	21.213	30.5	41.855	12.3	33.307	0.857	1.273	56.0	1.535	37.7	0.706	1.065	56.5	1.277
248223.3	843023.0	137.8	36.665	21.536	30.4	42.522	12.0	33.838	0.880	1.276	55.4	1.550	41.2	0.760	1.153	56.6	1.381
248222.7	843022.2	137.7	36.813	21.615	30.4	42.689	11.9	33.971	0.873	1.273	55.5	1.544	40.2	0.737	1.109	56.4	1.332
248222.1	843021.4	137.5	36.246	21.296	30.4	42.039	12.1	33.454	0.821	1.262	57.0	1.505	31.9	0.589	0.848	55.2	1.033
248221.5	843020.6	137.8	37.683	22.095	30.4	43.683	11.4	34.762	0.901	1.274	54.7	1.560	44.5	0.794	1.200	56.5	1.439
248220.9	843019.8	137.7	37.697	22.100	30.4	43.697	11.3	34.773	0.885	1.268	55.1	1.547	42.4	0.751	1.122	56.2	1.350
248220.3	843019.0	137.5	36.959	21.733	30.5	42.875	11.6	34.119	0.825	1.260	56.8	1.506	33.9	0.558	0.907	58.4	1.066
248219.7	843018.2	137.8	38.307	22.486	30.4	44.419	11.0	35.348	0.911	1.270	54.3	1.563	46.1	0.829	1.217	55.7	1.473
248219.1	843017.4	137.8	38.719	22.714	30.4	44.889	10.8	35.722	0.926	1.270	53.9	1.571	48.3	0.860	1.260	55.7	1.525
248218.5	843016.6	137.6	38.087	22.360	30.4	44.165	11.0	35.146	0.863	1.255	55.5	1.524	39.7	0.716	1.000	54.4	1.230
248217.9	843015.9	137.6	38.623	22.656	30.4	44.778	10.8	35.633	0.886	1.257	54.8	1.538	43.3	0.773	1.080	54.4	1.328
248217.2	843015.1	137.7	39.415	23.095	30.4	45.682	10.4	36.353	0.929	1.263	53.7	1.568	49.7	0.873	1.230	54.6	1.508
248216.6	843014.3	137.6	39.006	22.865	30.4	45.213	10.5	35.980	0.882	1.252	54.8	1.531	43.4	0.775	1.037	53.2	1.295
248216.0	843013.5	137.4	38.591	22.632	30.4	44.738	10.7	35.601	0.838	1.242	56.0	1.498	37.0	0.678	0.840	51.1	1.079
248215.4	843012.7	137.7	40.198	23.524	30.3	46.575	9.9	37.063	0.941	1.259	53.2	1.572	52.2	0.918	1.218	53.0	1.525
248214.8	843011.9	137.7	40.385	23.626	30.3	46.788	9.7	37.233	0.940	1.257	53.2	1.570	52.3	0.925	1.192	52.2	1.508
248214.2	843011.1	137.7	40.567	23.726	30.3	46.996	9.6	37.398	0.938	1.255	53.2	1.567	52.4	0.933	1.163	51.3	1.491
248213.6	843010.3	137.4	39.511	23.137	30.4	45.786	10.1	36.436	0.842	1.236	55.7	1.496	39.2	0.742	0.787	46.7	1.082
248213.0	843009.5	137.3	39.587	23.177	30.3	45.873	10.0	36.504	0.833	1.233	56.0	1.489	38.1	0.737	0.729	44.7	1.037
248212.4	843008.7	137.5	40.801	23.851	30.3	47.260	9.4	37.609	0.909	1.245	53.8	1.542	49.4	0.916	0.992	47.3	1.350
248211.8	843007.9	137.5	40.758	23.825	30.3	47.211	9.4	37.569	0.891	1.240	54.3	1.527	47.2	0.894	0.902	45.3	1.271
248211.2	843007.1	137.1	39.656	23.210	30.3	45.949	9.8	36.565	0.798	1.223	56.9	1.460	33.4	0.704	0.516	36.2	0.872
248210.6	843006.3	137.4	40.854	23.875	30.3	47.319	9.2	37.655	0.870	1.231	54.8	1.508	44.9	0.884	0.780	41.4	1.179
248210.0	843005.5	137.4	41.325	24.136	30.3	47.858	9.0	38.084	0.894	1.232	54.0	1.522	48.6	0.946	0.840	41.6	1.265
248209.3	843004.7	137.1	40.233	23.527	30.3	46.608	9.5	37.089	0.800	1.215	56.6	1.455	34.9	0.763	0.468	31.5	0.895
248208.7	843003.9	137.3	41.470	24.213	30.3	48.021	8.8	38.214	0.880	1.223	54.3	1.507	47.3	0.948	0.750	38.3	1.208
248208.1	843003.1	137.2	41.325	24.132	30.3	47.855	8.9	38.082	0.857	1.216	54.8	1.487	44.4	0.916	0.651	35.4	1.124
248207.5	843002.4	137.0	40.311	23.566	30.3	46.694	9.3	37.158	0.775	1.201	57.2	1.429	31.7	0.748	0.312	22.6	0.810
248206.9	843001.6	137.0	40.681	23.771	30.3	47.117	9.1	37.495	0.789	1.198	56.6	1.435	34.7	0.798	0.367	24.7	0.878
248206.3	843000.8	137.2	41.987	24.496	30.3	48.611	8.4	38.683	0.877	1.205	54.0	1.491	48.5	0.992	0.684	34.6	1.205
248205.7	843000.0	137.1	41.439	24.190	30.3	47.983	8.6	38.183	0.825	1.192	55.3	1.450	41.3	0.900	0.495	28.8	1.027
248205.1	842999.2	137.0	41.499	24.222	30.3	48.051	8.6	38.238	0.821	1.186	55.3	1.443	41.1	0.902	0.479	28.0	1.021
248204.5	842998.4	137.3	42.705	24.892	30.2	49.430	8.0	39.335	0.909	1.193	52.7	1.500	54.3	1.077	0.777	35.8	1.328
248203.9	842997.6	136.8	41.080	23.986	30.3	47.570	8.7	37.855	0.777	1.168	56.4	1.403	34.8	0.823	0.312	20.7	0.880
248203.3	842996.8	136.8	41.150	24.025	30.3	47.650	8.6	37.919	0.775	1.162	56.3	1.396	35.0	0.829	0.314	20.7	0.886
248202.7	842996.0	136.8	41.440	24.185	30.3	47.982	8.4	38.182	0.788	1.157	55.7	1.400	37.9	0.869	0.381	23.7	0.949
248202.1	842995.2	137.2	43.001	25.053	30.2	49.767	7.6	39.603	0.905	1.168	52.2	1.477	56.0	1.102	0.791	35.7	1.356
248201.4	842994.4	136.8	41.577	24.259	30.3	48.137	8.3	38.306	0.786	1.143	55.5	1.387	38.7	0.886	0.404	24.5	0.974
248200.8	842993.6	136.7	41.355	24.135	30.3	47.882	8.4	38.103	0.764	1.134	56.0	1.368	35.8	0.853	0.341	21.8	0.919
248200.2	842992.8	137.1	43.305	25.220	30.2	50.114	7.4	39.879	0.912	1.151	51.6	1.468	59.0	1.148	0.859	36.8	1.434
248199.6	842992.0	136.8	42.437	24.735	30.2	49.120	7.8	39.088	0.833	1.132	53.7	1.405	48.4	1.024	0.633	31.7	1.204
248199.0	842991.2	137.0	43.334	25.234	30.2	50.146	7.3	39.905	0.903	1.138	51.6	1.453	59.3	1.162	0.870	36.8	1.452
248198.4	842990.4	137.0	43.611	25.388	30.2	50.463	7.1	40.157	0.922	1.137	50.9	1.463	62.7	1.210	0.945	38.0	1.535
248197.8	842989.6	136.9	43.083	25.093	30.2	49.858	7.3	39.676	0.870	1.123	52.2	1.420	56.1	1.143	0.813	35.4	1.403
248197.2	842988.9	137.0	43.658	25.413	30.2	50.515	7.0	40.199	0.916	1.126	50.9	1.451	63.2	1.235	0.965	38.0	1.568
248196.6	842988.1	136.8	43.012	25.053	30.2	49.777	7.3	39.611	0.853	1.111	52.5	1.400	55.1	1.154	0.805	34.9	1.407
248196.0	842987.3	136.5	41.852	24.406	30.2	48.448	7.8	38.554	0.755	1.091	55.3	1.326	40.5	0.995	0.509	27.1	1.118
248195.4	842986.5	136.4	41.831	24.394	30.2	48.424	7.8	38.534	0.748	1.086	55.4	1.319	40.1	1.002	0.511	27.0	1.125
248194.8	842985.7	136.8	43.435	25.287	30.2	50.259	6.9	39.995	0.877	1.101	51.5	1.408	60.4	1.240	0.934	37.0	1.552
248194.2	842984.9	136.7	43.137	25.121	30.2	49.918	7.0	39.724	0.847	1.092	52.2	1.382	56.7	1.203	0.867	35.8	1.483
248193.5	842984.1	136.4	41.965	24.467	30.2	48.577	7.6	38.656	0.747	1.072	55.1	1.307	41.6	1.037	0.576	29.0	1.186
248192.9	842983.3	136.2	41.228	24.057	30.3	47.733	7.9	37.985	0.693	1.060	56.8	1.266	32.2	0.928	0.396	23.1	1.009
248192.3	842982.5	136.2	41.668	24.301	30.3	48.236	7.7	38.385	0.722	1.058	55.7	1.281	38.0	0.986	0.530	28.2	1.119
248191.7	842981.7	136.3	41.831	24.392	30.2	48.424	7.5	38.534	0.733	1.053	55.2	1.284	40.3	0.999	0.593	30.7	1.162
248191.1	842980.9	136.2	41.592	24.259	30.3	48.150	7.6	38.316	0.716	1.045	55.6	1.267	37.5	0.949	0.554	30.3	1.099
248190.5	842980.1	136.1	41.603	24.265	30.3	48.162	7.6	38.326	0.718	1.039	55.4	1.263	38.0	0.932	0.584	32.1	1.100
248189.9	842979.3	136.2	41.997	24.485	30.2	48.614	7.3	38.685	0.748	1.037	54.2	1.279	43.6	0.966	0.715	36.5	1.202
248189.3	842978.5	136.2	42.034	24.505	30.2	48.656	7.3	38.719	0.753	1.032	53.9	1.278	44.6	0.946	0.755	38.6	1.210

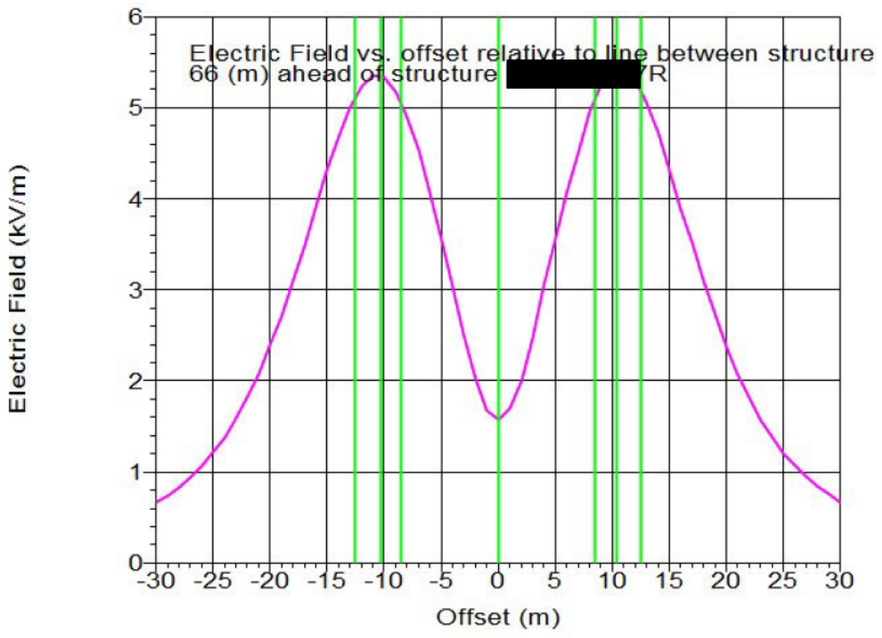
248188.7	842977.7	136.0	41.515	24.216	30.3	48.061	7.5	38.246	0.717	1.021	54.9	1.248	38.2	0.842	0.652	37.8	1.065
248188.1	842976.9	136.2	42.126	24.557	30.2	48.761	7.1	38.803	0.764	1.023	53.3	1.277	46.8	0.902	0.842	43.0	1.234
248187.5	842976.1	136.4	43.190	25.150	30.2	49.980	6.5	39.772	0.855	1.035	50.5	1.342	61.6	1.026	1.141	48.1	1.534
248186.9	842975.4	136.3	42.580	24.810	30.2	49.281	6.8	39.217	0.804	1.022	51.8	1.300	54.0	0.909	1.019	48.3	1.365
248186.3	842974.6	135.9	41.270	24.080	30.3	47.781	7.5	38.023	0.706	1.002	54.8	1.226	37.1	0.686	0.715	46.2	0.991
248185.6	842973.8	135.6	40.177	23.472	30.3	46.531	8.0	37.029	0.645	0.989	56.9	1.181	23.1	0.492	0.459	43.0	0.673
248185.0	842973.0	136.0	41.619	24.276	30.3	48.182	7.2	38.342	0.732	1.001	53.8	1.240	42.9	0.686	0.862	51.5	1.102
248184.4	842972.2	135.9	41.482	24.200	30.3	48.025	7.2	38.217	0.723	0.997	54.0	1.232	41.7	0.643	0.854	53.0	1.069
248183.8	842971.4	136.0	41.949	24.461	30.2	48.559	6.9	38.642	0.760	1.002	52.8	1.257	48.8	0.693	0.999	55.3	1.216
248183.2	842970.6	136.3	42.990	25.042	30.2	49.752	6.4	39.591	0.850	1.018	50.1	1.327	64.0	0.830	1.286	57.1	1.530
248182.6	842969.8	136.2	42.705	24.884	30.2	49.426	6.5	39.332	0.828	1.012	50.7	1.308	61.1	0.774	1.240	58.0	1.462
248182.0	842969.0	136.0	42.078	24.535	30.2	48.708	6.8	38.761	0.777	1.001	52.2	1.267	53.4	0.670	1.107	58.8	1.294
248181.4	842968.2	136.0	42.033	24.511	30.2	48.658	6.7	38.721	0.777	1.000	52.2	1.266	53.9	0.655	1.120	59.7	1.297
248180.8	842967.4	136.1	42.425	24.730	30.2	49.106	6.5	39.078	0.814	1.007	51.0	1.295	60.5	0.708	1.241	60.3	1.429
248180.2	842966.6	136.3	43.119	25.119	30.2	49.902	6.1	39.711	0.882	1.021	49.2	1.349	71.6	0.807	1.435	60.6	1.647
248179.6	842965.8	135.9	41.769	24.367	30.3	48.357	6.8	38.481	0.767	0.996	52.4	1.257	53.8	0.607	1.121	61.6	1.274
248179.0	842965.0	135.6	40.762	23.806	30.3	47.205	7.2	37.564	0.692	0.981	54.8	1.201	41.0	0.456	0.883	62.7	0.994
248178.4	842964.2	135.5	40.311	23.556	30.3	46.689	7.4	37.154	0.665	0.975	55.7	1.181	36.0	0.391	0.785	63.5	0.877
248177.7	842963.4	135.8	41.645	24.301	30.3	48.217	6.7	38.370	0.771	0.996	52.3	1.259	56.0	0.603	1.146	62.3	1.295
248177.1	842962.6	135.4	39.989	23.379	30.3	46.321	7.5	36.861	0.651	0.972	56.2	1.170	34.0	0.357	0.733	64.1	0.816
248176.5	842961.9	135.4	39.998	23.385	30.3	46.332	7.5	36.870	0.654	0.973	56.1	1.173	35.3	0.370	0.749	63.7	0.835
248175.9	842961.1	135.4	40.002	23.389	30.3	46.338	7.5	36.875	0.658	0.974	56.0	1.175	36.6	0.384	0.761	63.2	0.852
248175.3	842960.3	135.6	40.786	23.828	30.3	47.237	7.0	37.590	0.719	0.986	53.9	1.220	48.8	0.520	0.974	61.9	1.104
248174.7	842959.5	135.9	41.670	24.322	30.3	48.249	6.5	38.396	0.798	1.002	51.5	1.281	62.4	0.671	1.207	60.9	1.381
248174.1	842958.7	136.0	42.065	24.544	30.3	48.702	6.2	38.756	0.840	1.011	50.3	1.314	69.1	0.749	1.312	60.3	1.511
248173.5	842957.9	135.5	40.185	23.498	30.3	46.551	7.2	37.044	0.684	0.979	55.1	1.194	43.4	0.483	0.833	59.9	0.963
248172.9	842957.1	135.5	40.268	23.545	30.3	46.646	7.1	37.120	0.694	0.981	54.7	1.201	45.6	0.518	0.858	58.9	1.002
248172.3	842956.3	135.6	40.522	23.689	30.3	46.939	6.9	37.353	0.718	0.985	53.9	1.218	50.2	0.582	0.928	57.9	1.096
248171.7	842955.5	135.8	41.409	24.186	30.3	47.954	6.4	38.161	0.800	0.999	51.3	1.280	64.1	0.744	1.162	57.4	1.380
248171.1	842954.7	135.8	41.302	24.128	30.3	47.833	6.4	38.065	0.795	0.997	51.4	1.275	63.7	0.756	1.140	56.5	1.368
248170.5	842953.9	135.4	39.851	23.321	30.3	46.173	7.2	36.744	0.678	0.973	55.2	1.186	44.0	0.564	0.766	53.6	0.951
248169.8	842953.1	135.4	39.812	23.302	30.3	46.130	7.2	36.709	0.679	0.971	55.0	1.185	44.8	0.591	0.765	52.3	0.967
248169.2	842952.3	135.5	40.199	23.520	30.3	46.575	6.9	37.063	0.716	0.975	53.7	1.210	51.9	0.687	0.880	52.0	1.116
248168.6	842951.5	135.7	40.723	23.815	30.3	47.175	6.6	37.541	0.769	0.982	51.9	1.248	61.1	0.804	1.034	52.1	1.310
248168.0	842950.7	135.7	40.804	23.863	30.3	47.269	6.5	37.616	0.785	0.982	51.4	1.257	64.1	0.856	1.074	51.5	1.374
248167.4	842949.9	135.7	40.526	23.711	30.3	46.953	6.6	37.364	0.769	0.976	51.8	1.242	62.0	0.855	1.025	50.2	1.335
248166.8	842949.1	135.4	39.552	23.170	30.4	45.839	7.1	36.477	0.693	0.958	54.1	1.182	49.6	0.748	0.792	46.6	1.090
248166.2	842948.4	135.4	39.486	23.136	30.4	45.765	7.1	36.418	0.697	0.955	53.9	1.182	50.8	0.783	0.807	45.9	1.124
248165.6	842947.6	135.4	39.415	23.100	30.4	45.685	7.1	36.355	0.702	0.952	53.6	1.183	52.2	0.818	0.826	45.3	1.162
248165.0	842946.8	135.5	39.691	23.257	30.4	46.003	6.9	36.608	0.738	0.954	52.3	1.206	58.9	0.907	0.944	46.1	1.309
248164.4	842946.0	135.5	39.507	23.157	30.4	45.794	6.9	36.441	0.736	0.948	52.2	1.201	59.2	0.937	0.943	45.2	1.329
248163.8	842945.2	135.7	40.305	23.605	30.4	46.709	6.4	37.169	0.828	0.961	49.3	1.269	74.5	1.108	1.213	47.6	1.643
248163.2	842944.4	135.5	39.600	23.216	30.4	45.903	6.8	36.529	0.777	0.947	50.6	1.225	67.0	1.051	1.087	46.0	1.512
248162.6	842943.6	135.3	38.816	22.783	30.4	45.008	7.2	35.816	0.723	0.932	52.2	1.179	58.4	0.982	0.945	43.9	1.363
248161.9	842942.8	135.3	38.669	22.704	30.4	44.841	7.2	35.684	0.729	0.928	51.9	1.180	59.9	1.013	0.983	44.1	1.412
248161.3	842942.0	135.4	38.693	22.722	30.4	44.872	7.2	35.708	0.752	0.926	50.9	1.193	64.5	1.074	1.077	45.1	1.521
248160.7	842941.2	135.3	38.228	22.467	30.4	44.341	7.4	35.286	0.732	0.917	51.4	1.173	61.7	1.061	1.045	44.6	1.489
248160.1	842940.4	135.2	38.048	22.371	30.5	44.137	7.5	35.123	0.740	0.913	51.0	1.175	63.7	1.096	1.101	45.1	1.553
248159.5	842939.6	135.2	37.862	22.271	30.5	43.927	7.5	34.956	0.749	0.909	50.5	1.178	66.0	1.134	1.165	45.8	1.625
248158.9	842938.8	135.1	37.336	21.983	30.5	43.328	7.8	34.479	0.729	0.899	50.9	1.157	63.4	1.122	1.144	45.6	1.602
248158.3	842938.0	135.1	37.099	21.856	30.5	43.059	7.9	34.265	0.739	0.894	50.4	1.160	65.8	1.162	1.214	46.3	1.680
248157.7	842937.2	134.9	36.526	21.542	30.5	42.405	8.2	33.745	0.719	0.883	50.8	1.139	63.2	1.152	1.200	46.2	1.664
248157.1	842936.4	134.8	35.957	21.231	30.6	41.757	8.5	33.229	0.703	0.873	51.1	1.121	61.3	1.149	1.198	46.2	1.660
248156.5	842935.6	135.0	36.293	21.422	30.6	42.143	8.2	33.537	0.774	0.880	48.7	1.172	74.6	1.302	1.463	48.3	1.959
248155.9	842934.9	135.0	36.378	21.475	30.6	42.244	8.1	33.616	0.827	0.884	46.9	1.211	84.6	1.420	1.667	49.6	2.190
248155.3	842934.1	135.0	36.228	21.397	30.6	42.075	8.2	33.482	0.860	0.885	45.8	1.234	91.4	1.507	1.815	50.3	2.359
248154.7	842933.3	135.0	35.993	21.272	30.6	41.808	8.3	33.270	0.888	0.884	44.9	1.253	96.9	1.586	1.949	50.9	2.513
248154.0	842932.5	135.0	35.741	21.137	30.6	41.524	8.4	33.043	0.918	0.884	43.9	1.274	95.6	1.669	2.089	51.4	2.674
248153.4	842931.7	135.0	35.543	21.034	30.6	41.300	8.5	32.866	0.956	0.887	42.8	1.304	89.0	1.767	2.250	51.9	2.861
248152.8	842930.9	134.7	34.341	20.373	30.7	39.930	9.1	31.775	0.896	0.862	43.9	1.244	95.9	1.709	2.147	51.5	2.744
248152.2	842930.1	134.2	32.625	19.428	30.8	37.972	10.2	30.217	0.791	0.826	46.2	1.144	86.2	1.566	1.901	50.5	2.463
248151.6	842929.3	133.7	30.963	18.513	30.9	36.075	11.1	28.708	0.699	0.793	48.6	1.057	71.0	1.427	1.666	49.4	2.194
248151.0	842928.5	133.2	29.355	17.629	31.0	34.242	12.1	27.249	0.620	0.764	51.0	0.984	57.2	1.293	1.442	48.1	1.937
248150.4	842927.7	132.7	27.805	16.776	31.1	32.473	13.0	25.842	0.555	0.739	53.1	0.924	44.4	1.164	1.228	46.5	1.692
248149.8	842926.9	132.2	26.311	15.955	31.2	30.770	13.9	24.486	0.505	0.716	54.8	0.876	32.7	1.038	1.025	44.6	1.458
248149.2	842926.1	131.7	24.875	15.164	31.4	29.133	14.8	23.183	0.468	0.695	56.1	0.838	21.9	0.914	0.830	42.2	1.235
248148.6	842925.3	131.2	23.496	14.404	31.5	27.560	15.7	21.932	0.444	0.677	56.7	0.810	11.9	0.792	0.643	39.1	1.020
248148.0	842924.5	130.7	22.174	13.675	31.7	26.051	16.6	20.731	0.432	0.661	56.8	0.790	2.9	0.669	0.461	34.6	0.812
248147.4	842923.7	130.2	20.907	12.975	31.8	24.606	17.4	19.581	0.429	0.647	56.4	0.777	6.9	0.544	0.283	27.5	0.613
248146.8	842922.9	129.7	19.696	12.304	32.0	23.223	18.2	18.481	0.435	0.635	55.6	0.770	15.4	0.416	0.106	14.3	0.430
248146.1	842922.1	129.2	18.539	11.661	32.2	21.902	19.0	17.429	0.448	0.626	54.4	0.770	23.7	0.284	-0.070	-13.9	0.292
248145.5	842921.4	128.7	17.436	11.046	32.4	20.640	19.7	16.425	0.465	0.619	53.1	0.775	31.8	0.146	-0.248	-59.5	0.288
248144.9	842920.6	128.2	16.385	10.459	32.5	19.439	20.4	15.469	0.488	0.615	51.6	0.785	39.7	0.002	-0.428	-89.7	0.428
248144.3	842919.8	128.0	15.860	10.168	32.7	18.839	20.6	14.992	0.480	0.608	51.7	0.775	36.7	-0.005	-0.406	89.3	0.406
248143.7	842919.0	128.0	15.601	10.029	32.7	18.546	20.7	14.759	0.461	0.599	52.4	0.756	28.4	0.061	-0.279	-77.6	0.285
248143.1	842918.2	128.0	15.330	9.882	32.8	18.239	20.7	14.514	0.449	0.592	52.8	0.743	21.1	0.120	-0.166	-54.1	0.204
248142.5	842917.4	128.0	15.047	9.727	32.9	17.917	20.8	14.258	0.441	0.586	53.0	0.733	14.7	0.170	-0.066	-21.2	0.183
248141.9	842916.6	128.0	14.751	9.563	33.0	17.580	20.7	13.990	0.438	0.579	52.9	0.726	9.2	0.214	0.020	5.4	0.215
248141.3	842915.8	128.0	14.444	9.391	33.0	17.229	20.7	13.710	0.436	0.573	52.7	0.720	4.4	0.251	0.094	20.6	0.268
248140.7	842915.0	128.0	14.126	9.211	33.1	16.864	20.6	13.420	0.436	0.565	52.4	0.714	0.8	0.282	0.157	29.1	0.322
248140.1	842914.2	128.0	13.798	9.023	33.2	16.486	20.4	13.119	0.435	0.556	52.0	0.706	3.4	0.306	0.208	34.2	0.370
248139.5	842913.4	128.0	13.460	8.828	33.3	16.097	20.2	12.809	0.434	0.546	51.5	0.698	6.4	0.325	0.250	37.6	0.410
248138.9	842912.6	128.0	13.115	8.626	33.3	15.698	20.0	12.492	0.432	0.535	51.1	0.688	8.9	0.339	0.283	39.8	0.442
248138.2	842911.8	128.0	12.764	8.419	33.4	15.291	19.6	12.168	0.429	0.522	50.6	0.676	11.1	0.349	0.308	41.5	0.465
248137.6	842911.0	128.0	12.409	8.208	33.5	14.878	19.2	11.839	0.423	0.509	50.2	0.662	12.9	0.354	0.326	42.7	0.481
248137.0	842910.2	128.0	12.053	7.994	33.6	14.462	18.7	11.509	0.416	0.494	49.9	0.646	14.4	0.355	0.338	43.7	0.490
248136.4	842909.4	128.0	11.697	7.778	33.6	14.047	18.2	11.179	0.407	0.478	49.6	0.628	15.7	0.352	0.345	44.5	0.493

248135.8	842908.6	128.0	11.346	7.564	33.7	13.636	17.5	10.851	0.395	0.462	49.4	0.608	16.7	0.345	0.348	45.2	0.490
248135.2	842907.8	128.0	11.001	7.353	33.8	13.232	16.8	10.529	0.381	0.446	49.4	0.587	17.5	0.335	0.348	46.0	0.483
248134.6	842907.1	128.0	10.665	7.146	33.8	12.838	16.0	10.216	0.365	0.430	49.6	0.564	18.2	0.322	0.345	47.0	0.472
248134.0	842906.3	128.0	10.341	6.946	33.9	12.458	15.2	9.913	0.347	0.415	50.1	0.541	18.7	0.306	0.341	48.1	0.458
248133.4	842905.5	128.0	10.031	6.755	34.0	12.094	14.3	9.624	0.326	0.401	50.9	0.517	19.1	0.286	0.336	49.6	0.441
248132.8	842904.7	128.0	9.737	6.574	34.0	11.749	13.4	9.350	0.302	0.389	52.2	0.493	19.4	0.264	0.331	51.5	0.424
248132.2	842903.9	128.0	9.461	6.405	34.1	11.425	12.5	9.092	0.276	0.380	54.0	0.470	19.5	0.238	0.328	54.0	0.405
248131.6	842903.1	128.0	9.203	6.249	34.2	11.124	11.6	8.852	0.247	0.373	56.5	0.448	19.6	0.210	0.326	57.2	0.388
248130.9	842902.3	128.0	8.963	6.107	34.3	10.846	10.7	8.631	0.216	0.370	59.7	0.429	19.6	0.179	0.326	61.3	0.372
248130.3	842901.5	128.0	8.742	5.979	34.4	10.591	9.9	8.428	0.183	0.371	63.8	0.413	19.4	0.144	0.330	66.4	0.360
248129.7	842900.7	128.0	8.539	5.866	34.5	10.359	9.2	8.244	0.147	0.376	68.6	0.404	19.1	0.107	0.337	72.4	0.353

Max EF along centerline is 1.572 (kV/m) at 66.000 (m) from structure [redacted]-7R

Cross section results at max EF along centerline between structures [redacted]-7R and [redacted]-8R





3D EMF Point Results Span from [redacted]-7R to [redacted]-8R:

Measurement			B					H	EF					Space Potential			
X (m)	Y (m)	Z (m)	Real (uT)	Imaginary (uT)	Angle (deg)	Magnitude (uT)	Polarization Axial Ratio %	Magnitude (A/m)	Real (kV/m)	Imaginary (kV/m)	Angle (deg)	Magnitude (kV/m)	Polarization Axial Ratio %	Real (kV)	Imaginary (kV)	Angle (deg)	Magnitude (kV)
248239.2	842994.4	135.1	8.375	5.654	34.0	10.105	41.4	8.041	0.223	0.630	70.5	0.668	11.2	-0.422	0.774	-61.4	0.881
248238.5	842995.1	135.6	9.207	6.120	33.6	11.056	41.8	8.798	0.296	0.683	66.6	0.745	7.4	-0.396	0.502	-51.7	0.640
248237.7	842995.7	136.1	10.160	6.639	33.2	12.137	42.0	9.658	0.388	0.739	62.3	0.835	3.5	-0.295	0.176	-30.9	0.344
248236.9	842996.3	136.6	11.256	7.216	32.7	13.371	42.3	10.640	0.501	0.798	57.8	0.942	0.6	-0.096	-0.206	65.0	0.227
248236.1	842996.9	137.1	12.525	7.860	32.1	14.787	42.4	11.767	0.638	0.858	53.3	1.069	4.3	0.227	-0.647	-70.7	0.686
248235.3	842997.5	137.3	13.708	8.395	31.5	16.074	42.0	12.792	0.800	0.918	48.9	1.217	5.4	0.444	-0.833	-62.0	0.944
248234.5	842998.1	137.3	14.901	8.888	30.8	17.350	41.4	13.807	0.988	0.976	44.6	1.389	5.4	0.605	-0.905	-56.2	1.088
248233.7	842998.7	137.3	16.200	9.399	30.1	18.729	40.5	14.904	1.208	1.031	40.5	1.589	5.4	0.787	-0.966	-50.8	1.246
248232.9	842999.3	137.3	17.614	9.926	29.4	20.218	39.6	16.089	1.463	1.082	36.5	1.820	5.2	0.992	-1.018	-45.7	1.421
248232.1	842999.9	137.3	19.206	10.498	28.7	21.888	38.5	17.418	1.755	1.126	32.7	2.086	5.2	1.286	-1.102	-40.6	1.694
248231.3	843000.5	137.3	20.905	11.072	27.9	23.656	37.2	18.825	2.086	1.162	29.1	2.388	5.0	1.592	-1.157	-36.0	1.968
248230.5	843001.1	137.3	22.726	11.657	27.2	25.541	35.8	20.325	2.454	1.186	25.8	2.726	4.7	1.928	-1.197	-31.8	2.270
248229.7	843001.7	137.3	24.601	12.226	26.4	27.471	34.3	21.861	2.855	1.197	22.7	3.096	4.2	2.226	-1.193	-28.2	2.525
248228.9	843002.3	137.3	26.584	12.807	25.7	29.508	32.6	23.482	3.282	1.193	20.0	3.492	3.8	2.560	-1.187	-24.9	2.822
248228.1	843003.0	137.4	28.984	13.510	25.0	31.978	30.9	25.448	3.727	1.176	17.5	3.908	3.8	3.292	-1.293	-21.5	3.537
248227.3	843003.6	137.4	31.203	14.134	24.4	34.255	29.1	27.259	4.161	1.140	15.3	4.315	3.5	3.789	-1.290	-18.8	4.003
248226.5	843004.2	137.4	33.286	14.719	23.9	36.396	27.2	28.963	4.562	1.088	13.4	4.690	3.1	4.152	-1.239	-16.6	4.333
248225.7	843004.8	137.4	35.052	15.238	23.5	38.221	25.3	30.415	4.895	1.019	11.8	5.000	2.6	4.247	-1.128	-14.9	4.394
248225.0	843005.4	137.5	37.313	15.938	23.1	40.575	23.4	32.288	5.156	0.939	10.3	5.241	2.5	4.948	-1.143	-13.0	5.078
248224.2	843006.0	137.5	38.927	16.516	23.0	42.286	21.6	33.650	5.290	0.845	9.1	5.358	2.3	5.139	-1.059	-11.6	5.247
248223.4	843006.6	137.4	39.896	16.997	23.1	43.365	19.8	34.509	5.283	0.740	8.0	5.334	2.0	4.898	-0.917	-10.6	4.983
248222.6	843007.2	137.4	40.507	17.465	23.3	44.112	18.2	35.103	5.138	0.623	6.9	5.176	1.9	4.534	-0.776	-9.7	4.600
248221.8	843007.8	137.5	41.475	18.122	23.6	45.261	16.6	36.017	4.884	0.502	5.9	4.910	2.2	4.666	-0.695	-8.5	4.718
248221.0	843008.4	137.6	42.400	18.870	24.0	46.410	15.0	36.932	4.528	0.381	4.8	4.544	3.0	4.866	-0.600	-7.0	4.903
248220.2	843009.0	137.5	42.042	19.329	24.7	46.273	13.8	36.823	4.062	0.254	3.6	4.069	3.7	4.159	-0.416	-5.7	4.180
248219.4	843009.6	137.5	41.337	19.735	25.5	45.806	12.9	36.452	3.536	0.177	2.9	3.541	4.9	3.328	-0.231	-4.0	3.336
248218.6	843010.2	137.6	41.916	20.672	26.3	46.737	11.6	37.192	3.016	0.298	5.6	3.031	8.8	3.376	-0.013	-0.2	3.376
248217.8	843010.9	137.7	41.490	21.319	27.2	46.646	10.9	37.120	2.464	0.479	11.0	2.510	14.3	2.774	0.240	4.9	2.784
248217.0	843011.5	137.6	40.478	21.750	28.2	45.951	10.6	36.567	1.897	0.696	20.1	2.021	21.7	1.936	0.449	13.0	1.988
248216.2	843012.1	137.6	40.130	22.503	29.3	46.009	10.2	36.613	1.376	0.960	34.9	1.678	36.2	1.406	0.755	28.2	1.596
248215.4	843012.7	137.7	40.198	23.524	30.3	46.575	9.9	37.063	0.941	1.259	53.2	1.572	52.2	0.918	1.218	53.0	1.525
248214.6	843013.3	137.7	39.569	24.189	31.4	46.377	10.1	36.906	0.610	1.576	68.8	1.690	38.6	0.288	1.531	79.4	1.557
248213.8	843013.9	137.5	38.636	24.631	32.5	45.819	10.6	36.462	0.605	1.915	72.5	2.008	21.2	-0.245	1.681	-81.7	1.699
248213.0	843014.5	137.5	38.209	25.369	33.6	45.864	11.1	36.497	0.961	2.281	67.2	2.475	12.5	-0.724	2.018	-70.3	2.144
248212.2	843015.1	137.7	38.707	26.802	34.7	47.080	11.4	37.465	1.426	2.676	61.9	3.032	9.2	-1.460	2.935	-63.6	3.278
248211.5	843015.7	137.7	38.320	27.568	35.7	47.206	12.3	37.565	1.841	3.057	58.9	3.569	6.1	-1.991	3.392	-59.6	3.933
248210.7	843016.3	137.5	37.043	27.516	36.6	46.144	13.7	36.721	2.211	3.401	57.0	4.056	3.6	-2.069	3.194	-57.1	3.805
248209.9	843016.9	137.5	36.243	27.785	37.5	45.668	15.0	36.342	2.566	3.714	55.4	4.515	2.7	-2.312	3.338	-55.3	4.061
248209.1	843017.5	137.8	36.809	29.312	38.5	47.054	16.0	37.444	2.909	4.010	54.0	4.954	2.9	-3.471	4.769	-53.9	5.899
248208.3	843018.1	137.8	35.750	29.230	39.3	46.179	17.6	36.748	3.148	4.175	53.0	5.229	2.7	-3.697	4.873	-52.8	6.117
248207.5	843018.8	137.6	33.766	28.079	39.7	43.915	19.5	34.947	3.295	4.204	51.9	5.341	2.3	-3.249	4.120	-51.7	5.247
248206.7	843019.4	137.5	32.161	27.193	40.2	42.116	21.3	33.515	3.380	4.140	50.8	5.344	2.4	-3.092	3.765	-50.6	4.872
248205.9	843020.0	137.8	31.970	27.784	41.0	42.356	23.0	33.706	3.426	4.030	49.6	5.290	3.4	-4.281	4.980	-49.3	6.567
248205.1	843020.6	137.9	30.310	26.646	41.3	40.357	24.9	32.115	3.369	3.769	48.2	5.055	3.9	-4.239	4.681	-47.8	6.316

248204.3	843021.2	137.7	28.106	24.752	41.4	37.452	26.9	29.803	3.242	3.415	46.5	4.709	4.0	-3.638	3.785	-46.1	5.250
248203.5	843021.8	137.6	25.987	22.838	41.3	34.596	28.8	27.531	3.076	3.024	44.5	4.313	4.0	-3.029	2.942	-44.2	4.222
248202.7	843022.4	137.5	24.253	21.281	41.3	32.266	30.6	25.677	2.887	2.627	42.3	3.903	4.4	-2.771	2.486	-41.9	3.723
248201.9	843023.0	137.8	23.216	20.476	41.4	30.955	32.5	24.633	2.691	2.254	39.9	3.510	6.2	-3.317	2.710	-39.3	4.283
248201.1	843023.6	137.8	21.584	18.884	41.2	28.679	34.2	22.822	2.475	1.877	37.2	3.107	6.7	-3.028	2.228	-36.3	3.759
248200.3	843024.2	137.6	19.752	17.000	40.7	26.060	35.7	20.738	2.257	1.522	34.0	2.723	6.2	-2.318	1.514	-33.2	2.768
248199.5	843024.8	137.5	18.246	15.469	40.3	23.921	37.0	19.035	2.049	1.212	30.6	2.380	6.1	-1.905	1.084	-29.6	2.192
248198.7	843025.4	137.5	16.923	14.127	39.9	22.045	38.2	17.543	1.851	0.942	27.0	2.077	6.1	-1.621	0.784	-25.8	1.801
248197.9	843026.0	137.4	15.729	12.917	39.4	20.353	39.3	16.197	1.666	0.712	23.1	1.811	6.2	-1.401	0.558	-21.7	1.508
248197.2	843026.7	137.4	14.617	11.791	38.9	18.780	40.2	14.945	1.493	0.517	19.1	1.580	6.1	-1.180	0.369	-17.3	1.237
248196.4	843027.3	137.3	13.549	10.717	38.3	17.275	40.9	13.747	1.334	0.354	14.8	1.380	5.4	-0.908	0.204	-12.7	0.931
248195.6	843027.9	137.3	12.676	9.850	37.8	16.054	41.7	12.775	1.189	0.224	10.7	1.209	5.7	-0.842	0.118	-8.0	0.850
248194.8	843028.5	138.1	12.362	9.541	37.7	15.616	43.3	12.427	1.059	0.166	8.9	1.072	12.0	-1.579	0.104	-3.8	1.583
248194.0	843029.1	138.3	11.675	8.855	37.2	14.653	44.0	11.660	0.939	0.132	8.0	0.948	13.9	-1.610	-0.028	1.0	1.610
248193.2	843029.7	138.6	11.023	8.210	36.7	13.744	44.6	10.938	0.831	0.140	9.6	0.843	15.7	-1.607	-0.163	5.8	1.615
248192.4	843030.3	138.8	10.407	7.606	36.2	12.890	45.1	10.258	0.734	0.165	12.7	0.753	17.5	-1.577	-0.296	10.6	1.605
248191.6	843030.9	139.0	9.826	7.044	35.6	12.090	45.4	9.621	0.647	0.192	16.5	0.675	19.2	-1.526	-0.421	15.4	1.583

Centerline results between structures [redacted]-8A and [redacted]-9R

3D EMF Point Results Centerline from [redacted]-8A to [redacted]-9R:

-------Measurement-------			----------B----------					H	----------EF----------					-----------Space Potential-----------			
X	Y	Z	Real	Imaginary	Angle	Magnitude	Polarization	Magnitude	Real	Imaginary	Angle	Magnitude	Polarization	Real	Imaginary	Angle	Magnitude
(m)	(m)	(m)	(uT)	(uT)	(deg)	(uT)	Axial Ratio %	(A/m)	(kV/m)	(kV/m)	(deg)	(kV/m)	Axial Ratio %	(kV)	(kV)	(deg)	(kV)
247997.6	842727.6	128.0	5.359	3.743	34.9	6.537	17.3	5.202	0.129	0.530	76.3	0.545	8.9	-0.090	0.470	-79.1	0.479
247997.4	842726.7	128.0	5.688	3.926	34.6	6.911	18.0	5.500	0.118	0.543	77.7	0.556	9.7	-0.080	0.485	-80.6	0.492
247997.1	842725.7	128.0	6.044	4.125	34.3	7.317	18.6	5.823	0.108	0.557	79.0	0.567	10.5	-0.070	0.501	-82.1	0.506
247996.8	842724.8	128.0	6.425	4.339	34.0	7.752	19.0	6.169	0.100	0.570	80.1	0.578	11.4	-0.059	0.516	-83.5	0.520
247996.5	842723.8	128.0	6.826	4.566	33.8	8.213	19.4	6.535	0.093	0.583	80.9	0.590	12.3	-0.049	0.532	-84.8	0.534
247996.2	842722.9	128.0	7.245	4.805	33.6	8.693	19.8	6.918	0.090	0.596	81.5	0.603	13.1	-0.038	0.548	-86.0	0.550
247995.9	842721.9	128.0	7.676	5.054	33.4	9.190	20.1	7.314	0.089	0.609	81.6	0.615	14.0	-0.028	0.565	-87.1	0.566
247995.6	842720.9	128.0	8.118	5.308	33.2	9.699	20.3	7.719	0.093	0.621	81.5	0.628	14.9	-0.019	0.583	-88.2	0.583
247995.3	842720.0	128.0	8.565	5.567	33.0	10.216	20.6	8.129	0.100	0.634	81.0	0.642	15.7	-0.009	0.601	-89.1	0.601
247995.1	842719.0	128.0	9.016	5.828	32.9	10.735	20.8	8.543	0.110	0.646	80.4	0.655	16.5	-0.001	0.619	-89.9	0.619
247994.8	842718.1	128.0	9.465	6.088	32.7	11.254	21.0	8.956	0.122	0.658	79.5	0.669	17.3	0.007	0.639	89.3	0.639
247994.5	842717.1	128.0	9.912	6.345	32.6	11.769	21.2	9.365	0.136	0.669	78.5	0.683	18.1	0.015	0.659	88.7	0.659
247994.2	842716.1	128.0	10.353	6.598	32.5	12.277	21.3	9.769	0.151	0.680	77.5	0.697	18.9	0.021	0.680	88.2	0.681
247993.9	842715.2	128.0	10.786	6.845	32.4	12.775	21.5	10.166	0.167	0.691	76.4	0.711	19.6	0.027	0.702	87.8	0.703
247993.6	842714.2	128.0	11.209	7.085	32.3	13.260	21.6	10.552	0.183	0.701	75.3	0.724	20.3	0.032	0.725	87.5	0.726
247993.3	842713.3	128.0	11.621	7.317	32.2	13.733	21.7	10.928	0.200	0.710	74.2	0.738	21.0	0.035	0.750	87.3	0.750
247993.0	842712.3	128.0	12.020	7.540	32.1	14.189	21.8	11.292	0.218	0.719	73.1	0.751	21.7	0.037	0.775	87.2	0.776
247992.8	842711.4	128.0	12.406	7.753	32.0	14.630	21.9	11.642	0.235	0.727	72.1	0.764	22.4	0.039	0.801	87.2	0.802
247992.5	842710.4	128.0	12.778	7.957	31.9	15.053	22.0	11.979	0.252	0.734	71.0	0.776	23.0	0.038	0.829	87.4	0.830
247992.2	842709.4	128.0	13.134	8.151	31.8	15.458	22.0	12.301	0.270	0.741	70.0	0.788	23.7	0.037	0.859	87.6	0.860
247991.9	842708.5	128.0	13.475	8.336	31.7	15.845	22.0	12.609	0.287	0.747	69.0	0.800	24.4	0.033	0.890	87.9	0.891
247991.6	842707.5	128.0	13.801	8.511	31.7	16.215	22.0	12.903	0.303	0.752	68.0	0.811	25.0	0.029	0.923	88.2	0.923
247991.3	842706.6	128.0	14.112	8.677	31.6	16.566	22.0	13.183	0.319	0.757	67.1	0.821	25.7	0.023	0.957	88.6	0.957
247991.0	842705.6	128.0	14.407	8.835	31.5	16.900	21.9	13.449	0.335	0.761	66.2	0.831	26.4	0.015	0.993	89.1	0.994
247990.7	842704.7	128.0	14.687	8.984	31.5	17.217	21.9	13.701	0.350	0.764	65.4	0.840	27.1	0.007	1.031	89.6	1.031
247990.5	842703.7	128.0	14.953	9.125	31.4	17.518	21.8	13.940	0.364	0.767	64.6	0.849	27.9	-0.003	1.071	-89.8	1.071
247990.2	842702.7	128.0	15.206	9.259	31.3	17.803	21.7	14.167	0.379	0.769	63.8	0.857	28.6	-0.014	1.113	-89.3	1.113
247989.9	842701.8	128.0	15.445	9.386	31.3	18.074	21.6	14.382	0.392	0.771	63.1	0.865	29.4	-0.025	1.156	-88.8	1.156
247989.6	842700.8	128.0	15.672	9.507	31.2	18.330	21.5	14.587	0.405	0.773	62.4	0.873	30.2	-0.037	1.201	-88.2	1.201
247989.3	842699.9	128.0	15.888	9.621	31.2	18.574	21.4	14.781	0.417	0.774	61.7	0.879	31.1	-0.050	1.247	-87.7	1.248
247989.0	842698.9	128.0	16.092	9.731	31.2	18.806	21.2	14.965	0.429	0.775	61.0	0.886	32.0	-0.062	1.294	-87.2	1.296
247988.7	842697.9	128.0	16.287	9.835	31.1	19.026	21.1	15.141	0.440	0.775	60.4	0.892	32.8	-0.075	1.343	-86.8	1.345
247988.4	842697.0	128.0	16.473	9.935	31.1	19.237	21.0	15.308	0.451	0.776	59.8	0.897	33.8	-0.087	1.392	-86.4	1.395
247988.2	842696.0	128.0	16.633	10.022	31.1	19.419	20.9	15.453	0.460	0.776	59.3	0.902	34.5	-0.104	1.433	-85.9	1.437
247987.9	842695.1	127.8	16.592	9.996	31.1	19.371	20.8	15.415	0.457	0.773	59.4	0.898	32.1	-0.174	1.374	-82.8	1.385
247987.6	842694.1	127.7	16.553	9.973	31.1	19.326	20.8	15.379	0.454	0.771	59.5	0.895	30.0	-0.241	1.321	-79.6	1.343
247987.3	842693.2	127.6	16.522	9.954	31.1	19.289	20.8	15.350	0.452	0.769	59.6	0.892	28.1	-0.306	1.276	-76.5	1.312
247987.0	842692.2	127.5	16.494	9.937	31.1	19.256	20.8	15.324	0.450	0.767	59.6	0.889	26.3	-0.367	1.235	-73.4	1.289
247986.7	842691.2	127.3	16.472	9.923	31.1	19.230	20.7	15.303	0.449	0.765	59.6	0.887	24.7	-0.425	1.201	-70.5	1.274
247986.4	842690.3	127.2	16.455	9.913	31.1	19.210	20.7	15.287	0.448	0.763	59.6	0.885	23.2	-0.480	1.172	-67.7	1.266
247986.1	842689.3	127.1	16.443	9.906	31.1	19.196	20.6	15.276	0.448	0.761	59.5	0.883	21.9	-0.531	1.147	-65.1	1.264
247985.9	842688.4	127.1	16.437	9.902	31.1	19.189	20.6	15.270	0.447	0.760	59.5	0.882	20.7	-0.579	1.126	-62.8	1.266
247985.6	842687.4	127.0	16.436	9.901	31.1	19.188	20.5	15.269	0.447	0.759	59.5	0.881	19.6	-0.623	1.110	-60.7	1.273
247985.3	842686.5	126.9	16.439	9.904	31.1	19.192	20.5	15.273	0.447	0.758	59.5	0.880	18.6	-0.664	1.096	-58.8	1.281
247985.0	842685.5	126.8	16.448	9.909	31.1	19.202	20.4	15.280	0.447	0.757	59.5	0.879	17.7	-0.702	1.085	-57.1	1.292
247984.7	842684.5	126.8	16.460	9.916	31.1	19.216	20.3	15.292	0.446	0.756	59.5	0.878	16.9	-0.738	1.076	-55.6	1.304
247984.4	842683.6	126.7	16.477	9.927	31.1	19.236	20.3	15.307	0.446	0.756	59.5	0.878	16.1	-0.771	1.069	-54.2	1.318
247984.1	842682.6	126.7	16.578	9.985	31.1	19.353	20.2	15.401	0.449	0.757	59.3	0.880	16.8	-0.776	1.106	-54.9	1.351
247983.8	842681.7	126.7	16.686	10.048	31.1	19.478	20.0	15.500	0.451	0.758	59.2	0.882	17.5	-0.779	1.146	-55.8	1.385
247983.6	842680.7	126.7	16.791	10.110	31.1	19.600	19.9	15.597	0.454	0.759	59.1	0.884	18.2	-0.782	1.183	-56.5	1.418
247983.3	842679.8	126.7	16.895	10.171	31.0	19.721	19.8	15.693	0.456	0.760	59.0	0.886	18.8	-0.785	1.219	-57.2	1.450
247983.0	842678.8	126.7	16.999	10.232	31.0	19.841	19.7	15.789	0.458	0.761	58.9	0.888	19.3	-0.789	1.254	-57.8	1.481
247982.7	842677.8	126.7	17.101	10.293	31.0	19.960	19.6	15.884	0.461	0.763	58.9	0.891	19.9	-0.793	1.287	-58.4	1.512
247982.4	842676.9	126.7	17.203	10.354	31.0	20.078	19.5	15.978	0.463	0.764	58.8	0.893	20.4	-0.797	1.319	-58.8	1.541
247982.1	842675.9	126.7	17.303	10.414	31.0	20.195	19.4	16.071	0.465	0.766	58.7	0.896	20.8	-0.803	1.349	-59.3	1.570
247981.8	842675.0	126.7	17.402	10.474	31.0	20.311	19.3	16.163	0.467	0.767	58.7	0.898	21.2	-0.809	1.378	-59.6	1.598
247981.5	842674.0	126.7	17.501	10.534	31.0	20.427	19.2	16.255	0.468	0.769	58.7	0.900	21.6	-0.815	1.406	-59.9	1.625
247981.3	842673.0	126.7	17.599	10.593	31.0	20.541	19.2	16.346	0.470	0.771	58.6	0.903	21.9	-0.823	1.433	-60.2	1.653

247981.0	842672.1	126.7	17.697	10.652	31.0	20.655	19.1	16.437	0.472	0.773	58.6	0.905	22.2	-0.831	1.459	-60.4	1.679
247980.7	842671.1	126.8	17.793	10.712	31.0	20.769	19.0	16.527	0.473	0.775	58.6	0.908	22.5	-0.840	1.485	-60.5	1.706
247980.4	842670.2	126.8	17.889	10.771	31.1	20.881	18.9	16.617	0.475	0.777	58.5	0.910	22.8	-0.849	1.509	-60.6	1.732
247980.1	842669.2	126.8	17.985	10.829	31.1	20.994	18.8	16.706	0.477	0.778	58.5	0.913	23.0	-0.860	1.533	-60.7	1.758
247979.8	842668.3	126.8	18.080	10.888	31.1	21.105	18.8	16.795	0.478	0.780	58.5	0.915	23.2	-0.871	1.557	-60.8	1.784
247979.5	842667.3	126.8	18.173	10.946	31.1	21.215	18.7	16.883	0.479	0.782	58.5	0.917	23.4	-0.884	1.579	-60.8	1.810
247979.2	842666.3	126.8	18.267	11.004	31.1	21.326	18.6	16.970	0.480	0.784	58.5	0.920	23.6	-0.896	1.602	-60.8	1.836
247979.0	842665.4	126.8	18.360	11.062	31.1	21.435	18.5	17.058	0.482	0.786	58.5	0.922	23.8	-0.910	1.624	-60.7	1.862
247978.7	842664.4	126.8	18.453	11.120	31.1	21.544	18.5	17.144	0.483	0.788	58.5	0.924	23.9	-0.925	1.646	-60.7	1.888
247978.4	842663.5	126.8	18.544	11.178	31.1	21.652	18.4	17.231	0.484	0.790	58.5	0.927	24.1	-0.940	1.668	-60.6	1.914
247978.1	842662.5	126.8	18.636	11.235	31.1	21.760	18.4	17.316	0.485	0.792	58.5	0.929	24.2	-0.956	1.689	-60.5	1.941
247977.8	842661.6	126.8	18.726	11.292	31.1	21.867	18.3	17.401	0.486	0.794	58.6	0.931	24.4	-0.973	1.711	-60.4	1.968
247977.5	842660.6	126.8	18.816	11.349	31.1	21.974	18.2	17.486	0.486	0.796	58.6	0.933	24.5	-0.991	1.732	-60.2	1.995
247977.2	842659.6	126.8	18.905	11.405	31.1	22.079	18.2	17.570	0.487	0.798	58.6	0.935	24.6	-1.009	1.754	-60.1	2.023
247976.9	842658.7	126.8	18.994	11.462	31.1	22.185	18.1	17.654	0.488	0.800	58.6	0.937	24.7	-1.028	1.775	-59.9	2.052
247976.7	842657.7	126.8	19.083	11.517	31.1	22.289	18.1	17.737	0.489	0.802	58.6	0.939	24.9	-1.048	1.797	-59.8	2.080
247976.4	842656.8	126.9	19.171	11.573	31.1	22.393	18.0	17.820	0.489	0.804	58.7	0.941	25.0	-1.068	1.820	-59.6	2.110
247976.1	842655.8	126.9	19.258	11.629	31.1	22.496	18.0	17.902	0.490	0.806	58.7	0.943	25.1	-1.090	1.842	-59.4	2.140
247975.8	842654.8	126.9	19.344	11.684	31.1	22.599	17.9	17.983	0.491	0.808	58.7	0.945	25.2	-1.112	1.865	-59.2	2.171
247975.5	842653.9	126.9	19.430	11.739	31.1	22.701	17.9	18.065	0.491	0.810	58.8	0.947	25.4	-1.135	1.888	-59.0	2.203
247975.2	842652.9	126.9	19.516	11.793	31.1	22.802	17.8	18.145	0.492	0.812	58.8	0.949	25.5	-1.158	1.913	-58.8	2.236
247974.9	842652.0	126.9	19.600	11.848	31.2	22.903	17.8	18.226	0.493	0.813	58.8	0.951	25.6	-1.182	1.937	-58.6	2.270
247974.6	842651.0	126.9	19.685	11.902	31.2	23.003	17.7	18.305	0.493	0.815	58.8	0.953	25.8	-1.207	1.963	-58.4	2.305
247974.4	842650.1	126.9	19.768	11.955	31.2	23.102	17.7	18.384	0.494	0.817	58.8	0.955	25.9	-1.233	1.989	-58.2	2.341
247974.1	842649.1	126.9	19.852	12.009	31.2	23.201	17.6	18.463	0.495	0.819	58.9	0.957	26.1	-1.260	2.017	-58.0	2.378
247973.8	842648.1	126.9	19.934	12.062	31.2	23.300	17.6	18.541	0.496	0.821	58.9	0.959	26.3	-1.287	2.046	-57.8	2.417
247973.5	842647.2	127.0	20.017	12.115	31.2	23.397	17.6	18.619	0.496	0.822	58.9	0.960	26.5	-1.314	2.076	-57.7	2.457
247973.2	842646.2	127.0	20.098	12.167	31.2	23.495	17.5	18.696	0.497	0.824	58.9	0.962	26.7	-1.342	2.107	-57.5	2.498
247972.9	842645.3	127.0	20.179	12.220	31.2	23.591	17.5	18.773	0.498	0.825	58.9	0.964	27.0	-1.371	2.140	-57.4	2.542
247972.6	842644.3	127.0	20.260	12.272	31.2	23.687	17.5	18.849	0.500	0.827	58.9	0.966	27.3	-1.401	2.175	-57.2	2.587
247972.3	842643.4	127.0	20.340	12.323	31.2	23.782	17.4	18.925	0.501	0.828	58.8	0.968	27.6	-1.430	2.212	-57.1	2.634
247972.1	842642.4	127.0	20.420	12.375	31.2	23.877	17.4	19.001	0.502	0.830	58.8	0.970	28.0	-1.460	2.252	-57.0	2.684
247971.8	842641.4	127.0	20.500	12.426	31.2	23.972	17.3	19.076	0.504	0.831	58.8	0.972	28.4	-1.491	2.293	-57.0	2.735
247971.5	842640.5	127.0	20.579	12.477	31.2	24.066	17.3	19.151	0.506	0.832	58.7	0.974	28.9	-1.522	2.338	-56.9	2.790
247971.2	842639.5	127.0	20.657	12.528	31.2	24.159	17.3	19.225	0.508	0.833	58.6	0.976	29.4	-1.553	2.385	-56.9	2.846
247970.9	842638.6	127.1	20.736	12.579	31.2	24.253	17.2	19.300	0.510	0.834	58.5	0.977	29.9	-1.584	2.436	-57.0	2.906
247970.6	842637.6	127.1	20.813	12.629	31.2	24.345	17.2	19.373	0.513	0.834	58.4	0.979	30.6	-1.615	2.490	-57.0	2.968
247970.3	842636.7	127.1	20.891	12.679	31.3	24.438	17.2	19.447	0.516	0.835	58.3	0.981	31.3	-1.646	2.548	-57.1	3.033
247970.0	842635.7	127.1	20.969	12.730	31.3	24.531	17.2	19.521	0.519	0.835	58.1	0.983	32.1	-1.676	2.609	-57.3	3.101
247969.8	842634.7	127.1	21.047	12.780	31.3	24.623	17.1	19.594	0.523	0.835	58.0	0.985	33.0	-1.707	2.675	-57.5	3.173
247969.5	842633.8	127.1	21.124	12.830	31.3	24.715	17.1	19.667	0.527	0.835	57.7	0.987	34.0	-1.736	2.744	-57.7	3.248
247969.2	842632.8	127.2	21.201	12.880	31.3	24.807	17.1	19.740	0.532	0.835	57.5	0.990	35.1	-1.766	2.818	-57.9	3.326
247968.9	842631.9	127.2	21.278	12.929	31.3	24.898	17.0	19.813	0.537	0.834	57.2	0.992	36.2	-1.794	2.896	-58.2	3.407
247968.6	842630.9	127.2	21.355	12.979	31.3	24.990	17.0	19.886	0.542	0.834	56.9	0.995	37.6	-1.821	2.979	-58.6	3.491
247968.3	842629.9	127.2	21.437	13.032	31.3	25.087	17.0	19.964	0.549	0.833	56.6	0.998	39.1	-1.845	3.068	-59.0	3.580
247968.0	842629.0	127.2	21.520	13.086	31.3	25.187	17.0	20.043	0.556	0.832	56.2	1.001	40.7	-1.866	3.162	-59.4	3.671
247967.7	842628.0	127.3	21.612	13.144	31.3	25.295	16.9	20.129	0.565	0.832	55.8	1.005	42.6	-1.883	3.262	-60.0	3.767
247967.5	842627.1	127.3	21.706	13.204	31.3	25.406	16.9	20.218	0.574	0.831	55.3	1.010	44.7	-1.896	3.368	-60.6	3.865
247967.2	842626.1	127.3	21.800	13.264	31.3	25.518	16.8	20.307	0.584	0.830	54.9	1.015	46.9	-1.906	3.476	-61.3	3.965
247966.9	842625.2	127.3	21.895	13.324	31.3	25.631	16.8	20.396	0.595	0.830	54.4	1.021	49.2	-1.912	3.588	-61.9	4.065
247966.6	842624.2	127.4	21.992	13.386	31.3	25.746	16.8	20.488	0.607	0.829	53.8	1.028	51.8	-1.912	3.702	-62.7	4.167
247966.3	842623.2	127.4	22.089	13.447	31.3	25.861	16.7	20.579	0.619	0.829	53.3	1.035	54.5	-1.908	3.818	-63.5	4.268
247966.0	842622.3	127.4	22.187	13.509	31.3	25.977	16.7	20.672	0.632	0.829	52.7	1.043	57.3	-1.897	3.936	-64.3	4.369
247965.7	842621.3	127.5	22.285	13.572	31.3	26.093	16.7	20.764	0.645	0.830	52.1	1.051	60.3	-1.879	4.053	-65.1	4.468
247965.4	842620.4	127.5	22.384	13.634	31.3	26.209	16.6	20.857	0.660	0.831	51.6	1.061	63.4	-1.855	4.171	-66.0	4.565
247965.2	842619.4	127.5	22.483	13.696	31.3	26.326	16.6	20.950	0.674	0.832	51.0	1.071	66.7	-1.822	4.288	-67.0	4.659
247964.9	842618.5	127.6	22.581	13.759	31.4	26.442	16.6	21.042	0.690	0.834	50.4	1.083	70.1	-1.782	4.402	-68.0	4.749
247964.6	842617.5	124.6	17.369	10.672	31.6	20.386	19.1	16.223	0.526	0.731	54.2	0.901	18.0	-3.384	2.266	-33.8	4.072
247964.3	842616.5	121.2	12.955	8.016	31.7	15.234	21.1	12.123	1.072	0.790	36.4	1.332	73.7	-5.206	-0.222	2.4	5.211
247964.0	842615.6	122.6	14.590	9.008	31.7	17.147	20.4	13.645	0.772	0.727	43.3	1.060	62.8	-4.410	0.956	-12.2	4.513
247963.7	842614.6	124.0	16.495	10.157	31.6	19.371	19.5	15.415	0.559	0.709	51.7	0.903	28.3	-3.563	2.108	-30.6	4.140
247963.4	842613.7	125.5	18.719	11.490	31.5	21.964	18.5	17.478	0.510	0.735	55.2	0.895	29.6	-2.699	3.242	-50.2	4.219
247963.1	842612.7	122.3	14.232	8.799	31.7	16.733	20.6	13.315	0.762	0.704	42.7	1.038	63.5	-4.318	1.041	-13.6	4.442
247962.9	842611.7	122.3	14.310	8.848	31.7	16.824	20.5	13.388	0.728	0.696	43.7	1.007	60.7	-4.170	1.173	-15.7	4.332
247962.6	842610.8	123.1	15.303	9.450	31.7	17.986	20.1	14.313	0.597	0.687	49.0	0.910	42.6	-3.633	1.807	-26.4	4.057
247962.3	842609.8	122.0	13.981	8.653	31.8	16.442	20.7	13.084	0.718	0.688	43.8	0.994	63.4	-4.038	1.127	-15.6	4.193
247962.0	842608.9	122.6	14.653	9.062	31.7	17.229	20.4	13.710	0.614	0.680	48.0	0.916	50.6	-3.608	1.575	-23.6	3.936
247961.7	842607.9	122.9	15.067	9.315	31.7	17.714	20.2	14.096	0.554	0.680	50.8	0.877	43.0	-3.289	1.852	-29.4	3.774
247961.4	842607.0	123.1	15.303	9.459	31.7	17.990	20.1	14.316	0.516	0.681	52.8	0.855	39.2	-3.039	2.017	-33.6	3.648
247961.1	842606.0	123.1	15.351	9.490	31.7	18.048	20.1	14.362	0.494	0.683	54.1	0.843	38.0	-2.856	2.074	-36.0	3.530
247960.8	842605.0	123.2	15.435	9.543	31.7	18.147	20.1	14.441	0.471	0.686	55.5	0.833	36.8	-2.658	2.140	-38.8	3.413
247960.6	842604.1	123.1	15.347	9.493	31.7	18.046	20.2	14.360	0.456	0.688	56.5	0.826	36.8	-2.517	2.109	-40.0	3.284
247960.3	842603.1	123.1	15.308	9.471	31.7	18.001	20.2	14.325	0.440	0.692	57.5	0.820	36.3	-2.359	2.095	-41.6	3.155
247960.0	842602.2	123.0	15.177	9.394	31.8	17.849	20.3	14.204	0.426	0.694	58.5	0.815	36.0	-2.230	2.024	-42.2	3.011
247959.7	842601.2	122.9	15.027	9.305	31.8	17.675	20.3	14.065	0.412	0.698	59.5	0.810	35.5	-2.107	1.934	-42.5	2.861
247959.4	842600.3	122.6	14.634	9.069	31.8	17.216	20.5	13.700	0.404	0.699	60.0	0.807	36.0	-2.062	1.702	-39.5	2.673
247959.1	842599.3	122.3	14.249	8.837	31.8	16.767	20.7	13.343	0.397	0.703	60.5	0.807	36.8	-2.014	1.458	-35.9	2.487
247958.8	842598.3	122.0	13.876	8.612	31.8	16.332	20.9	12.996	0.394	0.707	60.9	0.809	38.1	-1.966	1.205	-31.5	2.306
247958.5	842597.4	121.7	13.515	8.394	31.8	15.909	21.1	12.660	0.393	0.713	61.1	0.814	39.7	-1.918	0.943	-26.2	2.138
247958.3	842596.4	121.6	13.401	8.326	31.9	15.777	21.1	12.555	0.381	0.720	62.1	0.814	38.2	-1.801	0.822	-24.5	1.980
247958.0	842595.5	121.5	13.366	8.306	31.9	15.737	21.2	12.523	0.365	0.727	63.3	0.813	35.7	-1.669	0.743	-24.0	1.827
247957.7	842594.5	121.7	13.555	8.424	31.9	15.960	21.1	12.700	0.340	0.733	65.1	0.808	30.6	-1.482	0.801	-28.4	1.685
247957.4	842593.6	121.9	13.783	8.564	31.9	16.227	21.0	12.913	0.320	0.741	66.6	0.807	26.0	-1.297	0.876	-34.0	1.565
247957.1	842592.6	122.0	13.853	8.608	31.9	16.310	21.0	12.979	0.309	0.748	67.6	0.809	23.4	-1.167	0.848	-36.0	1.442
247956.8	842591.6	122.1	13.923	8.653	31.9	16.392	21.0	13.045	0.300	0.756	68.4	0.813	21.0	-1.047	0.816	-37.9	1.327
247956.5	842590.7	122.1	13.992	8.697	31.9	16.474	21.0	13.110	0.293	0.763	69.0	0.817	18.9	-0.936	0.780	-39.8	1.219
247956.2	842589.7	122.2	14.063	8.742	31.9	16.558	20.9	13.177	0.288	0.771	69.5	0.823	17.1	-0.835	0.741	-41.6	1.116

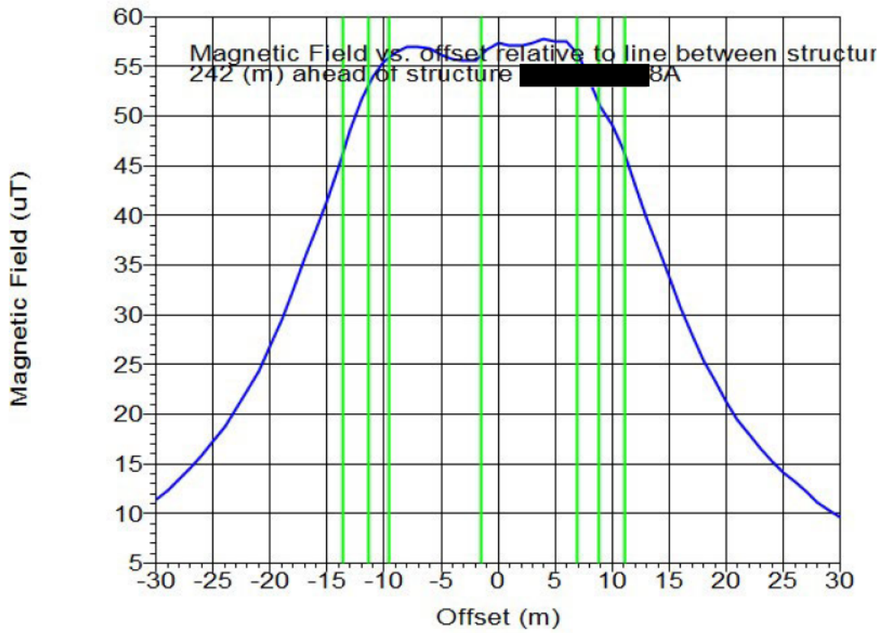
247956.0	842588.8	122.3	14.143	8.792	31.9	16.653	20.9	13.252	0.285	0.779	69.9	0.829	15.4	-0.741	0.705	-43.6	1.022
247955.7	842587.8	122.4	14.235	8.850	31.9	16.762	20.9	13.339	0.283	0.786	70.2	0.836	14.0	-0.652	0.674	-45.9	0.937
247955.4	842586.8	122.5	14.390	8.946	31.9	16.944	20.8	13.484	0.283	0.794	70.4	0.843	13.0	-0.556	0.679	-50.7	0.877
247955.1	842585.9	122.7	14.561	9.052	31.9	17.146	20.8	13.644	0.284	0.803	70.5	0.851	12.4	-0.464	0.692	-56.1	0.833
247954.8	842584.9	122.9	14.746	9.166	31.9	17.363	20.7	13.817	0.287	0.811	70.5	0.860	12.5	-0.377	0.711	-62.1	0.804
247954.5	842584.0	123.0	15.044	9.312	31.8	17.693	20.5	14.079	0.289	0.820	70.6	0.869	13.3	-0.275	0.747	-69.8	0.796
247954.2	842583.0	123.3	15.289	9.464	31.8	17.981	20.5	14.309	0.296	0.829	70.4	0.880	14.9	-0.188	0.799	-76.7	0.821
247953.9	842582.1	123.4	15.521	9.608	31.8	18.254	20.4	14.526	0.304	0.838	70.1	0.891	16.5	-0.111	0.841	-82.5	0.848
247953.7	842581.1	123.6	15.692	9.714	31.8	18.455	20.3	14.686	0.310	0.846	69.9	0.901	17.3	-0.053	0.844	-86.4	0.845
247953.4	842580.1	123.7	15.818	9.793	31.8	18.605	20.3	14.805	0.313	0.854	69.9	0.910	17.5	-0.010	0.819	-89.3	0.819
247953.1	842579.2	123.8	15.938	9.868	31.8	18.745	20.2	14.917	0.315	0.862	69.9	0.918	17.5	0.028	0.788	88.0	0.788
247952.8	842578.2	123.9	16.057	9.943	31.8	18.886	20.2	15.029	0.318	0.870	69.9	0.926	17.5	0.061	0.755	85.4	0.758
247952.5	842577.3	124.0	16.177	10.018	31.8	19.027	20.2	15.141	0.320	0.878	70.0	0.934	17.4	0.090	0.721	82.8	0.727
247952.2	842576.3	124.1	16.257	10.148	32.0	19.164	20.2	15.250	0.326	0.880	69.7	0.939	17.5	0.104	0.707	81.6	0.714
247951.9	842575.4	124.3	16.386	10.227	32.0	19.316	20.1	15.371	0.328	0.888	69.7	0.947	17.5	0.128	0.674	79.2	0.686
247951.6	842574.4	124.4	16.515	10.307	32.0	19.468	20.1	15.492	0.329	0.897	69.9	0.955	17.3	0.150	0.639	76.8	0.656
247951.4	842573.4	124.5	16.686	10.413	32.0	19.668	20.0	15.652	0.332	0.906	69.9	0.965	17.7	0.176	0.627	74.3	0.651
247951.1	842572.5	124.7	16.858	10.519	32.0	19.871	20.0	15.813	0.334	0.915	69.9	0.974	18.0	0.198	0.613	72.1	0.644
247950.8	842571.5	124.8	17.103	10.669	32.0	20.158	19.9	16.041	0.341	0.925	69.8	0.986	19.2	0.230	0.639	70.2	0.679
247950.5	842570.6	125.0	17.298	10.789	32.0	20.386	19.8	16.223	0.344	0.935	69.8	0.996	19.6	0.249	0.634	68.5	0.681
247950.2	842569.6	125.1	17.433	10.872	32.0	20.545	19.8	16.350	0.343	0.944	70.0	1.005	19.2	0.253	0.593	66.9	0.645
247949.9	842568.6	125.2	17.564	10.954	31.9	20.700	19.7	16.473	0.342	0.954	70.3	1.013	18.6	0.251	0.548	65.3	0.603
247949.6	842567.7	125.3	17.691	11.032	31.9	20.849	19.7	16.591	0.341	0.963	70.5	1.022	17.9	0.245	0.498	63.8	0.555
247949.3	842566.7	125.4	17.818	11.111	31.9	20.998	19.6	16.710	0.339	0.973	70.8	1.031	17.1	0.234	0.446	62.3	0.504
247949.1	842565.8	125.5	17.945	11.189	31.9	21.147	19.6	16.829	0.336	0.983	71.1	1.039	16.2	0.218	0.393	61.0	0.450
247948.8	842564.8	125.6	18.049	11.255	31.9	21.271	19.6	16.927	0.333	0.994	71.5	1.048	15.0	0.193	0.326	59.3	0.379
247948.5	842563.9	125.7	18.139	11.311	31.9	21.377	19.5	17.011	0.329	1.004	71.9	1.056	13.5	0.161	0.248	57.1	0.296
247948.2	842562.9	125.9	18.335	11.431	31.9	21.607	19.5	17.194	0.330	1.015	72.0	1.067	13.3	0.140	0.230	58.7	0.269
247947.9	842561.9	126.0	18.474	11.517	31.9	21.770	19.4	17.324	0.329	1.025	72.2	1.077	12.4	0.103	0.178	60.0	0.206
247947.6	842561.0	126.2	18.720	11.668	31.9	22.059	19.3	17.554	0.333	1.037	72.2	1.089	12.8	0.077	0.187	67.6	0.203
247947.3	842560.0	126.4	19.020	11.853	31.9	22.411	19.2	17.834	0.340	1.048	72.0	1.102	13.8	0.053	0.226	76.7	0.232
247947.0	842559.1	126.5	19.183	11.953	31.9	22.603	19.1	17.987	0.340	1.059	72.2	1.112	13.0	0.000	0.185	89.9	0.185
247946.8	842558.1	126.7	19.562	12.185	31.9	23.046	19.0	18.340	0.351	1.070	71.9	1.126	14.8	-0.026	0.266	-84.4	0.267
247946.5	842557.2	127.0	19.948	12.421	31.9	23.499	18.8	18.700	0.363	1.082	71.5	1.141	16.5	-0.059	0.347	-80.4	0.352
247946.2	842556.2	127.1	20.103	12.517	31.9	23.682	18.8	18.845	0.362	1.092	71.7	1.150	15.4	-0.133	0.302	-66.2	0.330
247945.9	842555.2	127.2	20.277	12.624	31.9	23.885	18.7	19.007	0.362	1.102	71.8	1.160	14.5	-0.211	0.265	-51.5	0.339
247945.6	842554.3	127.4	20.494	12.758	31.9	24.141	18.6	19.211	0.365	1.112	71.8	1.170	14.0	-0.288	0.252	-41.2	0.383
247945.3	842553.3	127.6	20.725	12.900	31.9	24.412	18.5	19.427	0.369	1.122	71.8	1.181	13.6	-0.368	0.245	-33.7	0.442
247945.0	842552.4	127.7	20.958	13.044	31.9	24.686	18.4	19.644	0.372	1.131	71.8	1.191	13.2	-0.453	0.238	-27.7	0.512
247944.7	842551.4	127.9	21.193	13.189	31.9	24.962	18.3	19.864	0.375	1.141	71.8	1.201	12.7	-0.541	0.230	-23.0	0.588
247944.5	842550.5	128.1	21.602	13.439	31.9	25.441	18.2	20.246	0.385	1.152	71.5	1.214	13.8	-0.606	0.311	-27.2	0.682
247944.2	842549.5	128.3	22.001	13.683	31.9	25.909	18.0	20.618	0.394	1.162	71.3	1.227	14.7	-0.676	0.382	-29.5	0.776
247943.9	842548.5	128.6	22.451	13.958	31.9	26.436	17.8	21.037	0.405	1.174	71.0	1.242	16.1	-0.739	0.472	-32.6	0.877
247943.6	842547.6	128.8	22.800	14.172	31.9	26.845	17.7	21.363	0.410	1.184	70.9	1.253	16.2	-0.818	0.506	-31.7	0.961
247943.3	842546.6	129.0	23.154	14.389	31.9	27.261	17.5	21.694	0.414	1.196	70.9	1.265	16.2	-0.896	0.535	-30.9	1.043
247943.0	842545.7	129.2	23.529	14.620	31.9	27.701	17.4	22.044	0.419	1.208	70.9	1.278	16.3	-0.969	0.568	-30.4	1.123
247942.7	842544.7	129.5	24.014	14.917	31.8	28.270	17.2	22.497	0.427	1.221	70.7	1.294	17.4	-1.024	0.645	-32.2	1.210
247942.4	842543.7	129.9	24.863	15.434	31.8	29.263	16.8	23.287	0.456	1.239	69.8	1.321	22.2	-1.025	0.882	-40.7	1.352
247942.2	842542.8	130.1	25.362	15.740	31.8	29.849	16.6	23.753	0.465	1.255	69.7	1.338	23.2	-1.073	0.943	-41.3	1.429
247941.9	842541.8	130.4	25.953	16.101	31.8	30.541	16.3	24.304	0.478	1.272	69.4	1.359	24.9	-1.106	1.034	-43.1	1.513
247941.6	842540.9	130.6	26.403	16.377	31.8	31.070	16.1	24.724	0.481	1.288	69.5	1.375	25.1	-1.153	1.050	-42.3	1.559
247941.3	842539.9	130.8	26.786	16.613	31.8	31.519	16.0	25.082	0.478	1.304	69.9	1.389	24.5	-1.204	1.026	-40.4	1.582
247941.0	842539.0	131.2	27.679	17.158	31.8	32.565	15.6	25.915	0.510	1.328	69.0	1.422	28.7	-1.184	1.214	-45.7	1.696
247940.7	842538.0	131.4	28.319	17.550	31.8	33.316	15.3	26.512	0.524	1.349	68.8	1.447	30.3	-1.193	1.280	-47.0	1.750
247940.4	842537.0	131.8	29.064	18.006	31.8	34.189	15.0	27.207	0.546	1.372	68.3	1.477	32.7	-1.186	1.377	-49.3	1.817
247940.1	842536.1	132.0	29.680	18.385	31.8	34.913	14.7	27.783	0.557	1.393	68.2	1.501	33.7	-1.190	1.409	-49.8	1.844
247939.9	842535.1	132.3	30.294	18.762	31.8	35.634	14.4	28.357	0.568	1.415	68.1	1.525	34.6	-1.190	1.431	-50.3	1.861
247939.6	842534.2	132.5	31.024	19.211	31.8	36.490	14.1	29.038	0.588	1.439	67.8	1.555	36.4	-1.174	1.490	-51.8	1.897
247939.3	842533.2	132.9	31.855	19.721	31.8	37.466	13.7	29.814	0.618	1.465	67.1	1.590	38.9	-1.144	1.581	-54.1	1.951
247939.0	842532.3	133.2	32.709	20.247	31.8	38.468	13.4	30.612	0.650	1.492	66.4	1.627	41.3	-1.112	1.671	-56.4	2.007
247938.7	842531.3	133.5	33.588	20.788	31.8	39.501	13.0	31.434	0.686	1.519	65.7	1.667	43.7	-1.076	1.763	-58.6	2.065
247938.4	842530.3	133.7	34.276	21.214	31.8	40.310	12.7	32.078	0.704	1.542	65.5	1.695	44.6	-1.056	1.775	-59.2	2.066
247938.1	842529.4	134.0	34.973	21.646	31.8	41.129	12.4	32.730	0.722	1.566	65.2	1.724	45.5	-1.035	1.786	-59.9	2.064
247937.8	842528.4	134.2	35.684	22.087	31.8	41.966	12.1	33.396	0.743	1.589	64.9	1.754	46.4	-1.012	1.800	-60.7	2.065
247937.6	842527.5	134.5	36.565	22.634	31.8	43.003	11.7	34.221	0.783	1.615	64.1	1.794	48.4	-0.976	1.875	-62.5	2.114
247937.3	842526.5	134.8	37.611	23.283	31.8	44.234	11.2	35.200	0.841	1.643	62.9	1.846	51.1	-0.932	2.010	-65.1	2.216
247937.0	842525.5	135.2	38.702	23.962	31.8	45.519	10.7	36.223	0.905	1.673	61.6	1.902	53.8	-0.890	2.159	-67.6	2.335
247936.7	842524.6	135.4	39.539	24.486	31.8	46.507	10.3	37.009	0.944	1.697	60.9	1.942	54.9	-0.866	2.215	-68.6	2.378
247936.4	842523.6	135.7	40.307	24.969	31.8	47.414	10.0	37.731	0.977	1.719	60.4	1.977	55.6	-0.849	2.248	-69.3	2.403
247936.1	842522.7	135.9	41.126	25.484	31.8	48.382	9.6	38.501	1.016	1.741	59.7	2.016	56.5	-0.831	2.301	-70.1	2.447
247935.8	842521.7	136.0	41.374	25.646	31.8	48.678	9.5	38.737	0.994	1.751	60.4	2.013	55.1	-0.841	2.156	-68.7	2.314
247935.5	842520.8	136.2	41.621	25.808	31.8	48.973	9.4	38.971	0.972	1.761	61.1	2.011	53.7	-0.850	2.014	-67.1	2.186
247935.3	842519.8	136.4	42.361	26.277	31.8	49.849	9.1	39.669	1.006	1.781	60.5	2.045	54.4	-0.839	2.051	-67.8	2.216
247935.0	842518.8	136.5	42.496	26.370	31.8	50.013	9.1	39.799	0.974	1.787	61.4	2.036	52.7	-0.851	1.877	-65.6	2.061
247934.7	842517.9	136.6	42.679	26.494	31.8	50.234	9.0	39.975	0.947	1.795	62.2	2.030	51.2	-0.860	1.724	-63.5	1.927
247934.4	842516.9	136.7	43.043	26.730	31.8	50.667	8.9	40.320	0.942	1.807	62.5	2.038	50.5	-0.863	1.640	-62.2	1.853
247934.1	842516.0	136.9	43.513	27.033	31.9	51.227	8.7	40.765	0.950	1.821	62.4	2.054	50.3	-0.861	1.598	-61.7	1.815
247933.8	842515.0	137.0	43.949	27.313	31.9	51.745	8.5	41.177	0.954	1.835	62.5	2.068	50.0	-0.866	1.546	-60.8	1.772
247933.5	842514.1	137.1	43.976	27.339	31.9	51.781	8.5	41.206	0.914	1.840	63.6	2.054	48.0	-0.874	1.354	-57.2	1.611
247933.2	842513.1	137.3	44.358	27.589	31.9	52.238	8.3	41.569	0.916	1.852	63.7	2.066	47.6	-0.871	1.296	-56.1	1.562
247933.0	842512.1	137.4	44.566	27.729	31.9	52.488	8.3	41.768	0.899	1.861	64.2	2.066	46.6	-0.872	1.181	-53.6	1.468
247932.7	842511.2	137.4	44.546	27.725	31.9	52.469	8.3	41.754	0.857	1.865	65.3	2.053	44.5	-0.874	0.989	-48.5	1.320
247932.4	842510.2	137.4	44.284	27.569	31.9	52.164	8.5	41.511	0.786	1.867	67.2	2.025	41.2	-0.879	0.714	-39.1	1.133
247932.1	842509.3	137.5	44.468	27.695	31.9	52.387	8.4	41.689	0.772	1.874	67.6	2.027	40.3	-0.876	0.616	-35.1	1.071
247931.8	842508.3	137.6	44.649	27.818	31.9	52.606	8.3	41.862	0.761	1.882	68.0	2.030	39.5	-0.872	0.529	-31.2	1.020
247931.5	842507.4	137.8	44.912	27.994	31.9	52.922	8.2	42.114	0.762	1.889	68.0	2.037	39.3	-0.869	0.487	-29.3	0.996
247931.2	842506.4	137.9	45.364	28.291	31.9	53.462	8.0	42.544	0.790	1.898	67.4	2.056	40.2	-0.867	0.534	-31.6	1.018

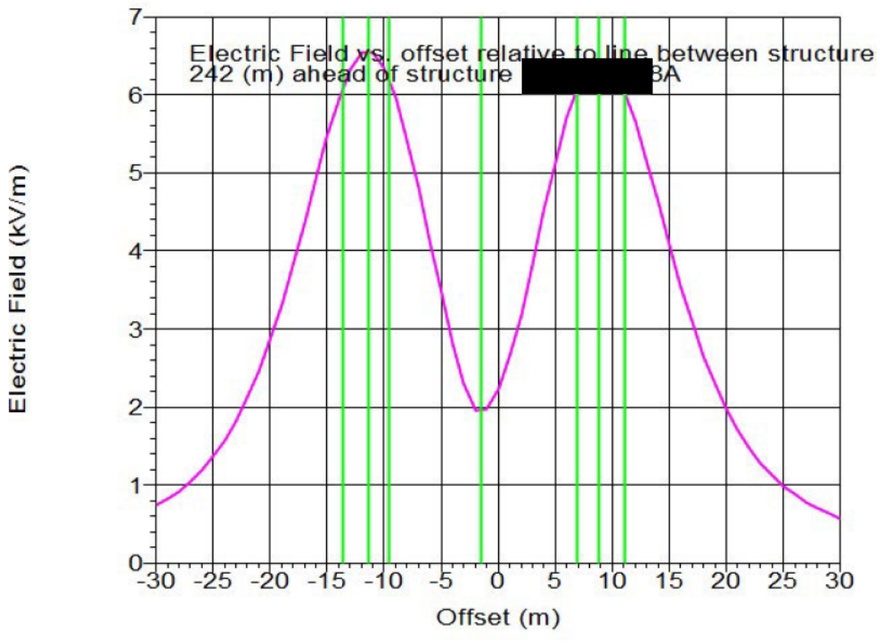
247930.9	842505.4	138.1	45.684	28.504	32.0	53.847	7.9	42.850	0.806	1.905	67.1	2.068	40.6	-0.868	0.547	-32.2	1.026
247930.7	842504.5	138.2	46.019	28.727	32.0	54.250	7.8	43.170	0.827	1.910	66.6	2.081	41.3	-0.873	0.585	-33.8	1.051
247930.4	842503.5	138.4	46.509	29.050	32.0	54.836	7.6	43.637	0.871	1.917	65.6	2.106	42.8	-0.882	0.701	-38.5	1.126
247930.1	842502.6	138.6	47.149	29.470	32.0	55.601	7.3	44.246	0.936	1.926	64.1	2.142	44.9	-0.894	0.892	-44.9	1.263
247929.8	842501.6	138.8	47.705	29.837	32.0	56.268	7.0	44.776	0.995	1.934	62.8	2.175	46.5	-0.912	1.069	-49.5	1.405
247929.5	842500.6	138.9	47.906	29.978	32.0	56.513	7.0	44.971	1.013	1.936	62.4	2.185	46.9	-0.931	1.131	-50.5	1.465
247929.2	842499.7	138.9	47.489	29.720	32.0	56.023	7.2	44.581	0.958	1.926	63.6	2.152	45.3	-0.950	0.980	-45.9	1.364
247928.9	842498.7	138.9	47.437	29.697	32.0	55.965	7.3	44.536	0.952	1.924	63.7	2.146	45.0	-0.972	0.981	-45.3	1.380
247928.6	842497.8	139.1	48.012	30.078	32.1	56.655	7.0	45.085	1.025	1.932	62.1	2.187	46.9	-0.998	1.233	-51.0	1.587
247928.4	842496.8	139.3	48.633	30.490	32.1	57.400	6.7	45.678	1.105	1.943	60.4	2.235	48.7	-1.027	1.514	-55.8	1.830
247928.1	842495.9	139.4	48.609	30.486	32.1	57.378	6.8	45.660	1.110	1.942	60.2	2.236	48.7	-1.052	1.571	-56.2	1.891
247927.8	842494.9	139.4	48.136	30.191	32.1	56.821	7.0	45.216	1.063	1.931	61.2	2.205	47.7	-1.074	1.475	-53.9	1.824
247927.5	842493.9	139.4	47.815	29.993	32.1	56.443	7.2	44.916	1.037	1.925	61.7	2.186	47.0	-1.096	1.446	-52.8	1.814
247927.2	842493.0	139.5	47.944	30.088	32.1	56.603	7.2	45.043	1.069	1.927	61.0	2.203	47.7	-1.120	1.597	-55.0	1.951
247926.9	842492.0	139.5	47.804	30.007	32.1	56.441	7.3	44.915	1.070	1.924	60.9	2.201	47.7	-1.141	1.659	-55.5	2.014
247926.6	842491.1	139.5	47.410	29.763	32.1	55.978	7.5	44.546	1.043	1.916	61.4	2.181	47.1	-1.159	1.638	-54.7	2.007
247926.3	842490.1	139.5	47.069	29.552	32.1	55.577	7.7	44.227	1.025	1.909	61.8	2.166	46.8	-1.176	1.646	-54.5	2.023
247926.1	842489.2	139.6	46.858	29.426	32.1	55.332	7.8	44.032	1.025	1.904	61.7	2.163	46.8	-1.191	1.714	-55.2	2.087
247925.8	842488.2	139.6	46.645	29.298	32.1	55.083	7.9	43.833	1.027	1.900	61.6	2.160	47.0	-1.203	1.791	-56.1	2.158
247925.5	842487.2	139.6	46.436	29.173	32.1	54.839	8.0	43.640	1.033	1.895	61.4	2.158	47.2	-1.212	1.880	-57.2	2.237
247925.2	842486.3	139.8	46.874	29.466	32.2	55.366	7.9	44.059	1.117	1.904	59.6	2.208	48.9	-1.221	2.220	-61.2	2.534
247924.9	842485.3	139.8	46.233	29.061	32.2	54.608	8.2	43.456	1.077	1.890	60.3	2.175	48.4	-1.222	2.166	-60.6	2.487
247924.6	842484.4	139.7	45.529	28.615	32.1	53.775	8.6	42.793	1.031	1.874	61.2	2.139	47.6	-1.221	2.096	-59.8	2.426
247924.3	842483.4	139.6	44.643	28.052	32.1	52.724	9.0	41.957	0.966	1.855	62.5	2.091	46.2	-1.218	1.961	-58.2	2.309
247924.0	842482.4	139.5	43.814	27.527	32.1	51.743	9.4	41.176	0.909	1.837	63.7	2.050	44.8	-1.214	1.854	-56.8	2.216
247923.8	842481.5	139.4	42.994	27.008	32.1	50.773	9.8	40.404	0.856	1.819	64.8	2.010	43.3	-1.208	1.755	-55.4	2.131
247923.5	842480.5	139.3	42.121	26.456	32.1	49.741	10.2	39.582	0.798	1.800	66.1	1.969	41.5	-1.202	1.639	-53.7	2.033
247923.2	842479.6	139.3	41.906	26.326	32.1	49.489	10.4	39.382	0.821	1.793	65.4	1.972	42.6	-1.191	1.794	-56.4	2.153
247922.9	842478.6	139.4	41.729	26.220	32.1	49.283	10.5	39.218	0.850	1.786	64.6	1.978	44.0	-1.178	1.970	-59.1	2.295
247922.6	842477.7	139.4	41.209	25.894	32.1	48.670	10.7	38.730	0.839	1.772	64.7	1.961	43.9	-1.165	2.014	-60.0	2.327
247922.3	842476.7	139.3	40.646	25.541	32.1	48.005	11.0	38.201	0.825	1.758	64.9	1.941	43.8	-1.151	2.047	-60.6	2.348
247922.0	842475.7	139.2	39.579	24.866	32.1	46.742	11.5	37.196	0.752	1.733	66.5	1.889	41.3	-1.142	1.877	-58.7	2.197
247921.7	842474.8	139.0	38.665	24.289	32.1	45.661	12.0	36.336	0.699	1.712	67.8	1.849	39.4	-1.133	1.770	-57.4	2.101
247921.5	842473.8	139.1	38.361	24.102	32.1	45.304	12.1	36.052	0.719	1.700	67.1	1.846	40.7	-1.113	1.921	-59.9	2.221
247921.2	842472.9	138.9	37.504	23.563	32.1	44.292	12.6	35.246	0.675	1.679	68.1	1.809	39.1	-1.102	1.843	-59.1	2.147
247920.9	842471.9	138.8	36.611	23.000	32.1	43.236	13.0	34.406	0.627	1.657	69.3	1.771	37.2	-1.091	1.748	-58.0	2.061
247920.6	842471.0	138.7	35.946	22.584	32.1	42.451	13.3	33.782	0.608	1.638	69.6	1.747	36.6	-1.076	1.752	-58.4	2.056
247920.3	842470.0	138.7	35.289	22.172	32.1	41.677	13.6	33.165	0.590	1.619	70.0	1.723	36.0	-1.059	1.760	-58.9	2.054
247920.0	842469.0	138.6	34.723	21.818	32.1	41.009	13.9	32.634	0.583	1.601	70.0	1.704	36.1	-1.040	1.806	-60.1	2.084
247919.7	842468.1	138.5	33.979	21.353	32.1	40.131	14.3	31.935	0.556	1.580	70.6	1.675	35.0	-1.024	1.774	-60.0	2.048
247919.4	842467.1	138.4	33.236	20.887	32.1	39.254	14.7	31.237	0.529	1.559	71.3	1.647	33.9	-1.007	1.738	-59.9	2.009
247919.2	842466.2	138.3	32.549	20.457	32.1	38.444	15.0	30.593	0.509	1.539	71.7	1.621	33.1	-0.989	1.725	-60.2	1.988
247918.9	842465.2	138.2	31.784	19.978	32.2	37.542	15.4	29.875	0.481	1.517	72.4	1.592	31.7	-0.972	1.672	-59.8	1.934
247918.6	842464.3	138.0	30.823	19.376	32.2	36.408	15.8	28.972	0.429	1.493	74.0	1.553	28.7	-0.964	1.522	-57.7	1.801
247918.3	842463.3	137.9	30.319	19.062	32.2	35.813	16.1	28.499	0.431	1.475	73.7	1.536	29.1	-0.936	1.581	-59.4	1.837
247918.0	842462.3	138.0	30.307	19.058	32.2	35.801	16.1	28.490	0.489	1.464	71.5	1.544	33.4	-0.885	1.868	-64.7	2.067
247917.7	842461.4	138.2	30.311	19.065	32.2	35.808	16.1	28.495	0.546	1.456	69.4	1.555	37.5	-0.831	2.156	-68.9	2.311
247917.4	842460.4	138.0	29.391	18.488	32.2	34.722	16.6	27.631	0.499	1.431	70.8	1.515	34.8	-0.819	2.007	-67.8	2.168
247917.1	842459.5	137.8	28.413	17.875	32.2	33.568	17.1	26.713	0.444	1.405	72.5	1.474	31.4	-0.813	1.819	-65.9	1.993
247916.9	842458.5	137.4	27.158	17.089	32.2	32.087	17.7	25.534	0.359	1.376	75.4	1.422	25.3	-0.826	1.479	-60.8	1.694
247916.6	842457.5	137.3	26.511	16.686	32.2	31.325	18.0	24.928	0.341	1.357	75.9	1.399	24.1	-0.807	1.428	-60.5	1.640
247916.3	842456.6	137.2	25.964	16.344	32.2	30.680	18.3	24.414	0.333	1.339	76.0	1.380	23.6	-0.783	1.419	-61.1	1.620
247916.0	842455.6	137.1	25.392	15.988	32.2	30.006	18.6	23.878	0.321	1.322	76.3	1.360	22.8	-0.761	1.388	-61.3	1.583
247915.7	842454.7	136.9	24.636	15.516	32.2	29.115	18.9	23.169	0.290	1.302	77.4	1.334	20.1	-0.754	1.250	-58.9	1.460
247915.4	842453.7	136.7	23.695	14.927	32.2	28.005	19.4	22.285	0.242	1.281	79.3	1.304	15.4	-0.764	0.998	-52.6	1.257
247915.1	842452.8	136.5	23.098	14.555	32.2	27.301	19.7	21.726	0.229	1.264	79.7	1.285	13.8	-0.751	0.920	-50.8	1.187
247914.8	842451.8	136.7	23.101	14.560	32.2	27.307	19.7	21.730	0.268	1.254	77.9	1.282	18.1	-0.688	1.168	-59.5	1.355
247914.6	842450.8	136.8	23.186	14.615	32.2	27.407	19.7	21.810	0.317	1.246	75.7	1.286	23.2	-0.617	1.451	-67.0	1.576
247914.3	842449.9	136.9	23.198	14.625	32.2	27.423	19.8	21.823	0.359	1.239	73.8	1.290	27.4	-0.550	1.685	-71.9	1.773
247914.0	842448.9	136.6	22.162	13.976	32.2	26.201	20.3	20.850	0.295	1.215	76.3	1.251	21.2	-0.572	1.341	-66.9	1.458
247913.7	842448.0	136.4	21.388	13.493	32.2	25.289	20.7	20.124	0.260	1.197	77.7	1.225	17.3	-0.575	1.123	-62.9	1.261
247913.4	842447.0	136.2	20.703	13.065	32.3	24.481	21.0	19.481	0.235	1.180	78.7	1.203	14.2	-0.571	0.940	-58.7	1.100
247913.1	842446.1	136.0	20.162	12.727	32.3	23.843	21.3	18.974	0.224	1.165	79.1	1.187	12.5	-0.554	0.831	-56.3	0.999
247912.8	842445.1	136.0	19.888	12.558	32.3	23.521	21.5	18.717	0.230	1.153	78.7	1.176	13.4	-0.509	0.874	-59.8	1.011
247912.5	842444.1	136.0	19.597	12.377	32.3	23.178	21.6	18.445	0.234	1.142	78.4	1.166	14.2	-0.465	0.899	-62.7	1.012
247912.3	842443.2	135.9	19.300	12.192	32.3	22.829	21.8	18.166	0.237	1.130	78.1	1.155	14.7	-0.420	0.914	-65.3	1.006
247912.0	842442.2	135.9	18.951	11.975	32.3	22.418	22.0	17.840	0.236	1.119	78.1	1.143	14.7	-0.380	0.890	-66.9	0.968
247911.7	842441.3	135.8	18.592	11.751	32.3	21.994	22.2	17.502	0.232	1.107	78.1	1.131	14.3	-0.342	0.852	-68.1	0.918
247911.4	842440.3	135.7	18.238	11.531	32.3	21.578	22.4	17.171	0.229	1.096	78.2	1.119	14.0	-0.303	0.811	-69.5	0.865
247911.1	842439.3	135.7	17.943	11.348	32.3	21.230	22.6	16.895	0.229	1.085	78.1	1.109	14.2	-0.258	0.799	-72.1	0.839
247910.8	842438.4	135.6	17.657	11.170	32.3	20.893	22.8	16.627	0.229	1.075	78.0	1.100	14.3	-0.212	0.786	-74.9	0.814
247910.5	842437.4	135.6	17.375	10.995	32.3	20.561	22.9	16.362	0.228	1.066	77.9	1.090	14.5	-0.168	0.770	-77.7	0.788
247910.2	842436.5	135.6	17.118	10.835	32.3	20.259	23.1	16.122	0.229	1.057	77.8	1.081	14.8	-0.122	0.764	-81.0	0.774
247910.0	842435.5	135.5	16.759	10.611	32.3	19.836	23.3	15.785	0.221	1.047	78.1	1.070	13.7	-0.089	0.684	-82.6	0.690
247909.7	842434.6	135.4	16.483	10.440	32.3	19.511	23.5	15.526	0.220	1.038	78.1	1.061	13.6	-0.049	0.654	-85.7	0.656
247909.4	842433.6	135.5	16.337	10.350	32.4	19.339	23.6	15.390	0.227	1.030	77.6	1.055	15.0	0.005	0.706	89.6	0.706
247909.1	842432.6	135.5	16.130	10.221	32.4	19.096	23.7	15.196	0.229	1.022	77.4	1.048	15.5	0.049	0.712	86.0	0.714
247908.8	842431.7	135.5	15.890	10.072	32.4	18.813	23.9	14.971	0.228	1.014	77.3	1.040	15.5	0.088	0.692	82.8	0.698
247908.5	842430.7	135.4	15.653	9.926	32.4	18.535	24.0	14.750	0.227	1.006	77.3	1.031	15.5	0.124	0.670	79.5	0.681
247908.2	842429.8	135.5	15.548	9.862	32.4	18.411	24.1	14.651	0.236	1.000	76.7	1.027	17.1	0.174	0.735	76.7	0.756
247907.9	842428.8	135.4	15.251	9.677	32.4	18.062	24.3	14.373	0.230	0.991	77.0	1.017	16.1	0.198	0.664	73.4	0.693
247907.7	842427.9	135.4	14.986	9.512	32.4	17.750	24.5	14.125	0.225	0.983	77.1	1.008	15.5	0.223	0.611	70.0	0.650
247907.4	842426.9	135.4	14.826	9.413	32.4	17.562	24.6	13.975	0.228	0.976	76.8	1.002	16.2	0.259	0.629	67.6	0.680
247907.1	842425.9	135.4	14.629	9.292	32.4	17.331	24.7	13.791	0.229	0.968	76.7	0.995	16.4	0.288	0.620	65.1	0.683
247906.8	842425.0	135.4	14.384	9.139	32.4	17.042	24.9	13.561	0.225	0.960	76.8	0.986	15.8	0.308	0.572	61.7	0.650
247906.5	842424.0	135.4	14.273	9.072	32.4	16.912	25.0	13.458	0.231	0.953	76.4	0.981	17.0	0.344	0.620	61.0	0.709
247906.2	842423.1	135.4	14.127	8.982	32.4	16.740	25.1	13.322	0.234	0.946	76.1	0.974	17.7	0.374	0.642	59.8	0.743

247905.9	842422.1	135.4	13.867	8.820	32.5	16.435	25.3	13.078	0.228	0.937	76.3	0.965	16.7	0.385	0.578	56.3	0.695
247905.6	842421.2	135.3	13.612	8.661	32.5	16.134	25.5	12.839	0.223	0.929	76.5	0.955	15.8	0.395	0.515	52.5	0.649
247905.4	842420.2	135.3	13.365	8.508	32.5	15.843	25.7	12.608	0.218	0.920	76.7	0.945	14.9	0.404	0.456	48.4	0.609
247905.1	842419.2	135.4	13.331	8.489	32.5	15.804	25.8	12.577	0.229	0.913	75.9	0.941	17.0	0.442	0.559	51.6	0.712
247904.8	842418.3	135.5	13.328	8.490	32.5	15.803	25.8	12.575	0.242	0.907	75.0	0.938	19.6	0.483	0.684	54.8	0.837
247904.5	842417.3	135.6	13.259	8.449	32.5	15.722	25.9	12.511	0.251	0.899	74.4	0.934	21.1	0.513	0.758	55.9	0.916
247904.2	842416.4	135.7	13.117	8.361	32.5	15.555	26.1	12.378	0.253	0.891	74.1	0.927	21.7	0.531	0.777	55.6	0.941
247903.9	842415.4	135.5	12.748	8.129	32.5	15.119	26.3	12.031	0.237	0.881	75.0	0.912	18.9	0.514	0.622	50.4	0.806
247903.6	842414.4	135.4	12.390	7.903	32.5	14.696	26.6	11.695	0.222	0.870	75.7	0.898	16.1	0.495	0.469	43.5	0.682
247903.3	842413.5	135.2	12.051	7.690	32.5	14.295	26.8	11.376	0.210	0.860	76.3	0.885	13.5	0.476	0.327	34.5	0.578
247903.1	842412.5	135.0	11.685	7.458	32.5	13.862	27.1	11.031	0.198	0.850	76.9	0.873	10.3	0.450	0.158	19.3	0.476
247902.8	842411.6	135.2	11.665	7.447	32.6	13.840	27.1	11.013	0.206	0.842	76.3	0.867	12.6	0.482	0.274	29.6	0.554
247902.5	842410.6	135.4	11.718	7.483	32.6	13.904	27.2	11.064	0.220	0.835	75.2	0.863	16.1	0.526	0.448	40.4	0.691
247902.2	842409.7	135.7	11.856	7.572	32.6	14.067	27.2	11.194	0.243	0.829	73.7	0.864	20.8	0.585	0.686	49.6	0.901
247901.9	842408.7	135.8	11.838	7.562	32.6	14.047	27.3	11.179	0.254	0.821	72.8	0.860	23.1	0.616	0.799	52.4	1.009
247901.6	842407.7	135.7	11.575	7.395	32.6	13.736	27.5	10.931	0.245	0.811	73.2	0.847	21.6	0.605	0.717	49.8	0.938
247901.3	842406.8	135.7	11.321	7.232	32.6	13.434	27.7	10.690	0.237	0.800	73.5	0.834	20.2	0.594	0.640	47.2	0.873
247901.0	842405.8	135.7	11.166	7.132	32.6	13.250	27.9	10.544	0.237	0.790	73.3	0.825	20.3	0.600	0.643	47.0	0.879
247900.8	842404.9	135.7	10.987	7.015	32.6	13.036	28.0	10.374	0.235	0.780	73.2	0.815	20.0	0.601	0.624	46.1	0.866
247900.5	842403.9	135.6	10.772	6.875	32.5	12.779	28.2	10.169	0.231	0.769	73.3	0.803	19.1	0.594	0.575	44.1	0.827
247900.2	842403.0	135.6	10.559	6.734	32.5	12.523	28.4	9.966	0.227	0.758	73.3	0.791	18.2	0.586	0.527	42.0	0.789
247899.9	842402.0	135.6	10.381	6.615	32.5	12.309	28.5	9.796	0.225	0.746	73.2	0.780	17.9	0.585	0.508	40.9	0.775
247899.6	842401.0	135.6	10.204	6.496	32.5	12.096	28.7	9.626	0.224	0.735	73.1	0.768	17.6	0.583	0.488	39.9	0.761
247899.3	842400.1	135.5	10.030	6.377	32.4	11.886	28.8	9.458	0.223	0.723	72.9	0.757	17.4	0.582	0.471	39.0	0.748
247899.0	842399.1	135.6	9.892	6.279	32.4	11.717	29.0	9.324	0.224	0.711	72.5	0.746	17.7	0.587	0.483	39.4	0.760
247898.7	842398.2	135.6	9.753	6.179	32.4	11.546	29.1	9.188	0.225	0.699	72.2	0.735	18.1	0.593	0.493	39.8	0.771
247898.5	842397.2	135.6	9.604	6.072	32.3	11.362	29.2	9.042	0.226	0.687	71.8	0.723	18.3	0.596	0.494	39.7	0.774
247898.2	842396.2	135.6	9.430	5.946	32.2	11.148	29.3	8.871	0.225	0.673	71.5	0.710	18.0	0.592	0.473	38.6	0.758
247897.9	842395.3	135.6	9.254	5.816	32.1	10.930	29.3	8.697	0.224	0.660	71.3	0.696	17.6	0.587	0.448	37.3	0.738
247897.6	842394.3	135.6	9.078	5.684	32.1	10.711	29.4	8.523	0.223	0.645	71.0	0.683	17.2	0.581	0.421	35.9	0.718
247897.3	842393.4	135.6	8.901	5.550	31.9	10.489	29.4	8.347	0.222	0.631	70.6	0.669	16.7	0.574	0.392	34.3	0.695
247897.0	842392.4	135.6	8.728	5.416	31.8	10.271	29.4	8.174	0.221	0.616	70.3	0.655	16.2	0.568	0.364	32.7	0.674
247896.7	842391.5	135.6	8.580	5.296	31.7	10.083	29.4	8.024	0.222	0.601	69.8	0.641	16.2	0.567	0.356	32.1	0.670
247896.4	842390.5	135.6	8.455	5.189	31.5	9.920	29.3	7.894	0.224	0.586	69.1	0.628	16.7	0.573	0.365	32.5	0.679
247896.2	842389.5	135.7	8.334	5.082	31.4	9.762	29.2	7.768	0.225	0.571	68.5	0.614	17.2	0.580	0.374	32.8	0.690
247895.9	842388.6	135.7	8.212	4.972	31.2	9.600	29.0	7.639	0.227	0.556	67.8	0.601	17.7	0.586	0.378	32.8	0.697
247895.6	842387.6	135.8	8.090	4.861	31.0	9.438	28.8	7.510	0.229	0.541	67.1	0.587	18.0	0.591	0.378	32.6	0.702
247895.3	842386.7	135.8	7.957	4.741	30.8	9.262	28.5	7.371	0.230	0.525	66.4	0.573	18.1	0.592	0.365	31.7	0.695
247895.0	842385.7	135.8	7.838	4.629	30.6	9.103	28.2	7.244	0.231	0.510	65.6	0.560	18.3	0.596	0.359	31.0	0.696
247894.7	842384.8	135.8	7.709	4.511	30.3	8.932	27.9	7.108	0.232	0.494	64.8	0.546	18.1	0.595	0.339	29.7	0.685
247894.4	842383.8	135.8	7.583	4.394	30.1	8.764	27.5	6.974	0.234	0.478	64.0	0.532	17.8	0.593	0.315	28.0	0.672
247894.1	842382.8	135.9	7.459	4.280	29.8	8.599	27.1	6.843	0.235	0.463	63.1	0.519	17.3	0.590	0.287	26.0	0.656
247893.9	842381.9	135.9	7.335	4.167	29.6	8.436	26.6	6.713	0.236	0.448	62.2	0.507	16.5	0.583	0.253	23.5	0.635
247893.6	842380.9	135.8	7.219	4.061	29.4	8.283	26.1	6.591	0.238	0.434	61.3	0.495	15.7	0.575	0.219	20.8	0.615
247893.3	842380.0	135.8	7.104	3.958	29.1	8.132	25.6	6.472	0.240	0.420	60.2	0.484	14.5	0.564	0.177	17.5	0.591
247893.0	842379.0	135.8	7.014	3.873	28.9	8.012	25.1	6.376	0.244	0.407	59.1	0.474	13.7	0.559	0.149	14.9	0.578
247892.7	842378.1	135.9	6.940	3.802	28.7	7.913	24.5	6.297	0.249	0.395	57.8	0.467	13.1	0.557	0.126	12.7	0.571
247892.4	842377.1	135.9	6.876	3.740	28.5	7.827	24.0	6.229	0.254	0.383	56.5	0.460	12.4	0.554	0.102	10.5	0.563
247892.1	842376.1	135.9	6.804	3.678	28.4	7.735	23.6	6.155	0.261	0.373	55.0	0.455	11.0	0.540	0.063	6.7	0.544
247891.8	842375.2	135.9	6.739	3.626	28.3	7.652	23.2	6.090	0.268	0.363	53.5	0.451	9.4	0.523	0.022	2.4	0.523
247891.6	842374.2	135.8	6.685	3.586	28.2	7.586	22.8	6.037	0.278	0.354	51.9	0.450	7.7	0.503	-0.018	-2.1	0.503
247891.3	842373.3	135.8	6.647	3.559	28.2	7.540	22.5	6.000	0.289	0.346	50.1	0.451	6.1	0.484	-0.055	-6.4	0.487

Max EF along centerline is 2.236 (kV/m) at 242.000 (m) from structure [redacted]-8A

Cross section results at max EF along centerline between structures [redacted]-8A and [redacted]-9R





3D EMF Point Results Span from [redacted]-8A to [redacted]-9R:

Measurement			B					H	EF					Space Potential			
X (m)	Y (m)	Z (m)	Real (uT)	Imaginary (uT)	Angle (deg)	Magnitude (uT)	Polarization Axial Ratio %	Magnitude (A/m)	Real (kV/m)	Imaginary (kV/m)	Angle (deg)	Magnitude (kV/m)	Polarization Axial Ratio %	Real (kV)	Imaginary (kV)	Angle (deg)	Magnitude (kV)
247956.8	842487.2	136.3	9.333	6.437	34.6	11.338	44.9	9.022	0.211	0.707	73.4	0.738	14.4	-0.702	-0.151	12.2	0.718
247955.8	842487.5	136.5	10.198	6.893	34.1	12.309	44.8	9.795	0.294	0.770	69.1	0.824	13.1	-0.769	-0.286	20.4	0.821
247954.9	842487.8	136.7	11.158	7.378	33.5	13.377	44.6	10.645	0.401	0.835	64.4	0.926	11.8	-0.824	-0.430	27.5	0.930
247953.9	842488.1	136.9	12.227	7.896	32.9	14.555	44.3	11.583	0.532	0.902	59.5	1.047	10.4	-0.862	-0.586	34.2	1.042
247953.0	842488.4	137.0	13.429	8.454	32.2	15.868	43.9	12.628	0.693	0.970	54.5	1.192	8.8	-0.869	-0.765	41.4	1.158
247952.0	842488.7	137.1	14.658	8.979	31.5	17.189	43.2	13.679	0.889	1.037	49.4	1.366	8.2	-0.947	-0.837	41.5	1.264
247951.1	842489.0	137.2	16.146	9.605	30.7	18.787	42.4	14.950	1.122	1.101	44.4	1.572	6.6	-0.898	-1.039	49.2	1.373
247950.1	842489.2	137.4	17.824	10.275	30.0	20.574	41.5	16.372	1.400	1.160	39.6	1.819	4.8	-0.781	-1.264	58.3	1.486
247949.1	842489.5	137.4	19.466	10.866	29.2	22.293	40.2	17.740	1.730	1.212	35.0	2.113	4.4	-0.845	-1.322	57.4	1.568

247948.2	842489.8	137.5	21.495	11.586	28.3	24.418	39.0	19.432	2.113	1.254	30.7	2.457	3.0	-0.645	-1.537	67.2	1.667
247947.2	842490.1	137.7	23.759	12.342	27.5	26.773	37.5	21.306	2.552	1.284	26.7	2.857	1.8	-0.339	-1.761	79.1	1.793
247946.3	842490.4	137.8	26.368	13.171	26.5	29.474	35.9	23.455	3.048	1.298	23.1	3.313	0.8	0.203	-2.030	-84.3	2.041
247945.3	842490.7	138.0	29.247	14.029	25.6	32.438	34.1	25.813	3.594	1.294	19.8	3.820	1.1	0.907	-2.283	-68.3	2.457
247944.3	842491.0	138.2	32.495	14.947	24.7	35.768	32.2	28.463	4.179	1.271	16.9	4.368	1.9	1.893	-2.544	-53.4	3.171
247943.4	842491.3	138.2	35.170	15.636	24.0	38.489	30.1	30.629	4.770	1.225	14.4	4.924	1.7	2.195	-2.543	-49.2	3.359
247942.4	842491.5	138.2	38.075	16.390	23.3	41.453	27.9	32.987	5.336	1.160	12.3	5.461	1.7	2.744	-2.582	-43.3	3.767
247941.5	842491.8	138.4	41.526	17.299	22.6	44.985	25.6	35.798	5.844	1.079	10.5	5.943	2.0	3.902	-2.706	-34.7	4.748
247940.5	842492.1	138.5	44.958	18.226	22.1	48.512	23.3	38.605	6.242	0.984	9.0	6.319	2.1	5.131	-2.788	-28.5	5.839
247939.6	842492.4	138.7	48.147	19.155	21.7	51.818	21.0	41.235	6.483	0.879	7.7	6.542	2.2	6.274	-2.815	-24.2	6.877
247938.6	842492.7	138.7	50.140	19.908	21.7	53.947	18.8	42.930	6.504	0.764	6.7	6.549	2.2	6.595	-2.716	-22.4	7.133
247937.6	842493.0	138.8	51.483	20.641	21.8	55.467	16.8	44.139	6.318	0.643	5.8	6.351	2.2	6.635	-2.584	-21.3	7.120
247936.7	842493.3	138.8	52.218	21.371	22.3	56.422	14.9	44.899	5.944	0.519	5.0	5.967	2.5	6.430	-2.422	-20.6	6.871
247935.7	842493.6	138.9	52.419	22.113	22.9	56.892	13.1	45.273	5.422	0.400	4.2	5.436	3.3	6.010	-2.229	-20.3	6.410
247934.8	842493.8	138.9	52.190	22.875	23.7	56.983	11.6	45.346	4.800	0.308	3.7	4.810	4.7	5.408	-1.997	-20.3	5.765
247933.8	842494.1	139.0	51.661	23.671	24.6	56.826	10.2	45.221	4.126	0.303	4.2	4.137	7.3	4.665	-1.720	-20.2	4.972
247932.9	842494.4	139.0	50.608	24.389	25.7	56.178	9.2	44.705	3.427	0.413	6.9	3.452	11.4	3.632	-1.404	-21.1	3.894
247931.9	842494.7	139.0	49.639	25.199	26.9	55.668	8.4	44.300	2.749	0.613	12.6	2.816	18.9	2.657	-1.048	-21.5	2.856
247930.9	842495.0	139.0	49.078	26.243	28.1	55.654	7.7	44.288	2.128	0.876	22.4	2.302	33.4	1.819	-0.596	-18.1	1.915
247930.0	842495.3	139.1	48.458	27.326	29.4	55.632	7.3	44.270	1.574	1.180	36.9	1.968	58.3	0.886	-0.083	-5.3	0.890
247929.0	842495.6	139.3	48.687	28.942	30.7	56.639	6.8	45.072	1.229	1.542	51.5	1.972	78.9	0.015	0.723	88.8	0.723
247928.1	842495.9	139.4	48.609	30.486	32.1	57.378	6.8	45.660	1.110	1.942	60.2	2.236	48.7	-1.052	1.571	-56.2	1.891
247927.1	842496.1	139.3	47.681	31.482	33.4	57.137	7.4	45.468	1.186	2.365	63.4	2.646	27.9	-2.077	2.111	-45.5	2.962
247926.1	842496.4	139.2	46.903	32.516	34.7	57.072	8.3	45.416	1.498	2.828	62.1	3.200	16.5	-2.964	2.637	-41.7	3.967
247925.2	842496.7	139.1	46.402	33.705	36.0	57.351	9.3	45.638	1.926	3.322	59.9	3.840	10.2	-3.794	3.260	-40.7	5.002
247924.2	842497.0	139.1	46.052	34.977	37.2	57.828	10.5	46.018	2.384	3.828	58.1	4.510	6.8	-4.607	3.971	-40.8	6.083
247923.3	842497.3	139.0	45.116	35.642	38.3	57.496	12.0	45.754	2.806	4.299	56.9	5.134	4.6	-5.110	4.265	-39.9	6.656
247922.3	842497.6	139.0	44.461	36.490	39.4	57.518	13.6	45.771	3.206	4.726	55.8	5.711	3.5	-5.725	4.809	-40.0	7.476
247921.4	842497.9	138.9	42.823	36.219	40.2	56.085	15.5	44.631	3.515	5.023	55.0	6.131	2.7	-5.784	4.575	-38.3	7.375
247920.4	842498.2	138.7	40.487	35.023	40.9	53.533	17.7	42.601	3.728	5.164	54.2	6.369	2.2	-5.364	3.716	-34.7	6.525
247919.4	842498.4	138.5	38.212	33.701	41.4	50.950	19.8	40.545	3.853	5.156	53.2	6.437	1.9	-4.964	2.947	-30.7	5.773
247918.5	842498.7	138.5	36.409	32.757	42.0	48.976	21.9	38.974	3.892	5.008	52.1	6.343	2.0	-4.994	2.781	-29.1	5.717
247917.5	842499.0	138.5	34.399	31.423	42.4	46.591	24.0	37.076	3.835	4.711	50.8	6.075	2.2	-4.930	2.493	-26.8	5.525
247916.6	842499.3	138.4	31.663	29.035	42.5	42.960	26.3	34.186	3.687	4.281	49.3	5.650	1.9	-4.176	1.402	-18.6	4.405
247915.6	842499.6	138.3	29.299	26.941	42.6	39.803	28.4	31.674	3.488	3.792	47.4	5.152	1.8	-3.721	0.739	-11.2	3.793
247914.7	842499.9	138.2	27.029	24.818	42.6	36.694	30.5	29.200	3.252	3.273	45.2	4.614	1.6	-3.270	0.148	-2.6	3.273
247913.7	842500.2	138.1	24.957	22.824	42.4	33.821	32.5	26.914	2.997	2.759	42.6	4.073	1.4	-2.930	-0.264	5.2	2.942
247912.7	842500.5	138.0	22.816	20.642	42.1	30.768	34.3	24.484	2.735	2.273	39.7	3.556	0.9	-2.327	-0.840	19.8	2.474
247911.8	842500.7	137.8	20.855	18.613	41.7	27.953	36.0	22.244	2.479	1.834	36.5	3.083	1.5	-1.767	-1.274	35.8	2.178
247910.8	842501.0	137.6	19.080	16.765	41.3	25.399	37.4	20.212	2.234	1.448	32.9	2.662	2.8	-1.274	-1.564	50.8	2.017
247909.9	842501.3	137.5	17.552	15.186	40.9	23.210	38.8	18.470	2.005	1.115	29.1	2.294	4.2	-0.968	-1.661	59.8	1.923
247908.9	842501.6	137.3	16.178	13.768	40.4	21.243	40.0	16.905	1.793	0.835	25.0	1.977	5.5	-0.727	-1.678	66.6	1.829
247908.0	842501.9	137.2	14.928	12.485	39.9	19.460	41.0	15.486	1.598	0.604	20.7	1.708	7.0	-0.521	-1.647	72.5	1.727
247907.0	842502.2	137.1	13.811	11.349	39.4	17.876	41.9	14.226	1.421	0.417	16.3	1.481	8.4	-0.380	-1.569	76.4	1.615
247906.0	842502.5	137.1	12.845	10.380	38.9	16.515	42.8	13.142	1.261	0.267	11.9	1.289	9.0	-0.352	-1.456	76.4	1.498
247905.1	842502.8	137.0	11.933	9.471	38.4	15.235	43.4	12.123	1.117	0.159	8.1	1.129	9.9	-0.282	-1.354	78.2	1.383
247904.1	842503.0	136.9	11.104	8.657	37.9	14.080	44.0	11.204	0.988	0.105	6.1	0.993	10.5	-0.233	-1.251	79.4	1.272
247903.2	842503.3	137.0	10.406	7.982	37.5	13.115	44.5	10.436	0.872	0.107	7.0	0.879	9.9	-0.300	-1.158	75.5	1.196
247902.2	842503.6	137.0	9.742	7.345	37.0	12.200	44.9	9.709	0.769	0.142	10.5	0.782	9.5	-0.320	-1.080	73.5	1.126
247901.2	842503.9	136.6	8.971	6.621	36.4	11.150	44.8	8.873	0.676	0.187	15.4	0.702	12.2	-0.067	-0.950	86.0	0.953
247900.3	842504.2	136.3	8.332	6.034	35.9	10.287	44.7	8.186	0.594	0.216	20.0	0.632	13.4	0.041	-0.832	-87.2	0.833
247899.3	842504.5	136.2	7.782	5.537	35.4	9.551	44.7	7.600	0.521	0.235	24.3	0.572	13.6	0.072	-0.735	-84.4	0.738

Centerline results between structures [redacted]/[redacted]-8R and Gantry 1

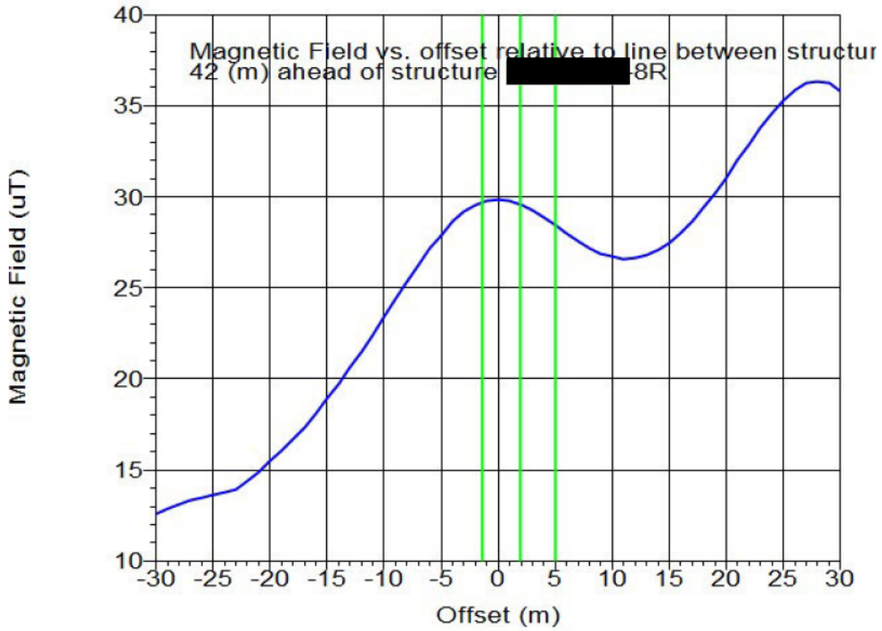
3D EMF Point Results Centerline from [redacted]/[redacted]-8R to Gantry 1:

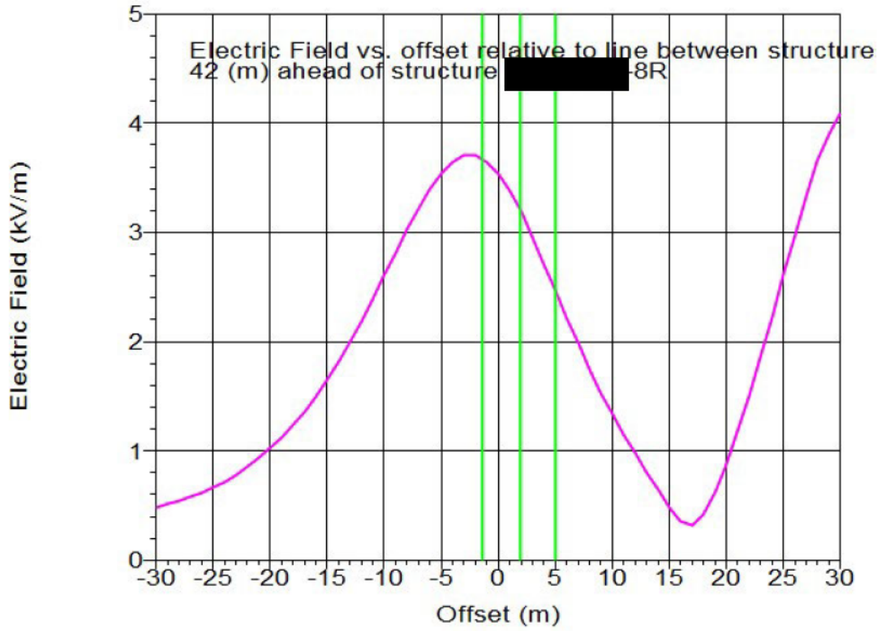
Measurement			B					H	EF					Space Potential				
X (m)	Y (m)	Z (m)	Real (uT)	Imaginary (uT)	Angle (deg)	Magnitude (uT)	Polarization Axial Ratio %	Magnitude (A/m)	Real (kV/m)	Imaginary (kV/m)	Angle (deg)	Magnitude (kV/m)	Polarization Axial Ratio %	Real (kV)	Imaginary (kV)	Angle (deg)	Magnitude (kV)	
248129.1	842899.9	128.0	8.342	5.762	34.6	10.138	8.6	8.068	0.110	0.386	74.1	0.402	18.2	0.064	0.349	79.7	0.354	
248129.9	842899.3	128.0	8.465	5.942	35.1	10.343	8.7	8.230	0.167	0.364	65.4	0.400	20.4	0.123	0.327	69.3	0.349	
248130.8	842898.8	128.0	8.560	6.105	35.5	10.514	8.8	8.367	0.231	0.339	55.8	0.410	21.4	0.188	0.304	58.2	0.357	
248131.6	842898.3	128.0	8.625	6.249	35.9	10.651	9.0	8.476	0.301	0.313	46.1	0.434	20.7	0.257	0.279	47.3	0.380	
248132.5	842897.7	128.0	8.659	6.374	36.4	10.752	9.3	8.556	0.377	0.284	37.0	0.472	18.8	0.332	0.254	37.4	0.418	
248133.3	842897.2	128.0	8.664	6.477	36.8	10.818	9.7	8.608	0.457	0.253	29.0	0.523	16.3	0.411	0.226	28.8	0.469	
248134.2	842896.6	128.0	8.644	6.560	37.2	10.851	10.2	8.635	0.543	0.221	22.1	0.586	13.6	0.496	0.197	21.7	0.534	
248135.0	842896.1	128.0	8.604	6.622	37.6	10.857	10.9	8.640	0.633	0.186	16.4	0.660	11.2	0.586	0.166	15.9	0.609	
248135.8	842895.6	128.0	8.554	6.663	37.9	10.843	11.9	8.629	0.728	0.150	11.7	0.744	9.1	0.680	0.134	11.2	0.693	
248136.7	842895.0	128.0	8.508	6.686	38.2	10.821	13.0	8.611	0.828	0.114	7.8	0.836	7.4	0.780	0.101	7.3	0.786	
248137.5	842894.5	128.0	8.485	6.693	38.3	10.807	14.5	8.600	0.932	0.078	4.8	0.935	6.0	0.884	0.065	4.2	0.887	
248138.4	842894.0	128.0	8.506	6.686	38.2	10.819	16.2	8.610	1.039	0.052	2.9	1.040	4.9	0.993	0.029	1.7	0.994	
248139.2	842893.4	128.0	8.596	6.670	37.8	10.880	18.1	8.658	1.151	0.055	2.8	1.152	4.0	1.107	-0.009	-0.5	1.107	
248140.1	842892.9	128.0	8.780	6.648	37.1	11.013	20.1	8.764	1.265	0.087	3.9	1.268	3.2	1.223	-0.048	-2.2	1.224	
248140.9	842892.3	128.0	9.078	6.626	36.1	11.239	21.9	8.944	1.382	0.128	5.3	1.388	2.7	1.343	-0.087	-3.7	1.346	
248141.7	842891.8	128.0	9.505	6.609	34.8	11.577	23.4	9.212	1.502	0.172	6.5	1.512	2.2	1.466	-0.127	-5.0	1.471	
248142.6	842891.3	128.0	10.063	6.602	33.3	12.035	24.2	9.577	1.623	0.218	7.6	1.637	1.9	1.591	-0.168	-6.0	1.599	
248143.4	842890.7	128.0	10.746	6.610	31.6	12.617	24.4	10.040	1.745	0.264	8.6	1.765	1.6	1.716	-0.209	-6.9	1.729	
248144.3	842890.2	128.0	11.541	6.639	29.9	13.314	23.9	10.595	1.867	0.310	9.4	1.892	1.4	1.843	-0.249	-7.7	1.859	
248145.1	842889.7	128.0	12.426	6.690	28.3	14.112	22.9	11.230	1.988	0.355	10.1	2.019	1.2	1.968	-0.290	-8.4	1.989	
248146.0	842889.1	128.0	13.379	6.767	26.8	14.993	21.5	11.931	2.107	0.400	10.8	2.144	1.1	2.092	-0.330	-9.0	2.118	
248146.8	842888.6	128.0	14.376	6.871	25.5	15.933	20.0	12.679	2.223	0.444	11.3	2.267	1.0	2.214	-0.369	-9.5	2.245	
248147.7	842888.1	128.0	15.395	7.001	24.5	16.912	18.3	13.458	2.336	0.486	11.8	2.386	1.0	2.332	-0.408	-9.9	2.368	

248148.5	842887.5	128.0	16.416	7.157	23.6	17.908	16.8	14.251	2.444	0.528	12.2	2.501	1.0	2.447	-0.445	-10.3	2.487
248149.3	842887.0	128.0	17.422	7.335	22.8	18.903	15.2	15.043	2.548	0.567	12.6	2.610	1.0	2.556	-0.482	-10.7	2.601
248150.2	842886.4	128.0	18.400	7.534	22.3	19.883	13.9	15.822	2.646	0.605	12.9	2.714	1.0	2.661	-0.518	-11.0	2.711
248151.0	842885.9	128.0	19.339	7.748	21.8	20.834	12.6	16.579	2.738	0.642	13.2	2.812	1.0	2.759	-0.553	-11.3	2.814
248151.9	842885.4	128.0	20.233	7.975	21.5	21.748	11.5	17.306	2.823	0.676	13.5	2.903	1.0	2.852	-0.586	-11.6	2.911
248152.7	842884.8	128.0	21.075	8.211	21.3	22.618	10.5	17.999	2.903	0.709	13.7	2.988	1.0	2.938	-0.619	-11.9	3.003
248153.6	842884.3	128.0	21.863	8.453	21.1	23.440	9.7	18.653	2.976	0.741	14.0	3.067	1.1	3.019	-0.650	-12.2	3.088
248154.4	842883.8	128.0	22.596	8.696	21.0	24.212	9.1	19.267	3.043	0.770	14.2	3.139	1.1	3.093	-0.680	-12.4	3.167
248155.2	842883.2	128.0	23.275	8.940	21.0	24.933	8.6	19.841	3.104	0.798	14.4	3.205	1.2	3.161	-0.709	-12.6	3.239
248156.1	842882.7	128.0	23.900	9.181	21.0	25.603	8.3	20.374	3.159	0.824	14.6	3.265	1.2	3.222	-0.737	-12.9	3.306
248156.9	842882.2	128.0	24.473	9.417	21.0	26.223	8.1	20.867	3.208	0.849	14.8	3.319	1.3	3.278	-0.764	-13.1	3.366
248157.8	842881.6	128.0	24.997	9.648	21.1	26.794	8.1	21.322	3.251	0.872	15.0	3.366	1.4	3.328	-0.789	-13.3	3.420
248158.6	842881.1	128.0	25.473	9.873	21.2	27.320	8.2	21.740	3.289	0.894	15.2	3.408	1.4	3.372	-0.814	-13.6	3.469
248159.5	842880.5	128.0	25.905	10.090	21.3	27.801	8.4	22.123	3.320	0.915	15.4	3.444	1.5	3.409	-0.838	-13.8	3.511
248160.3	842880.0	128.0	26.294	10.300	21.4	28.239	8.7	22.472	3.346	0.935	15.6	3.474	1.6	3.441	-0.861	-14.1	3.547
248161.2	842879.5	128.0	26.643	10.503	21.5	28.639	9.0	22.790	3.366	0.953	15.8	3.498	1.7	3.467	-0.884	-14.3	3.578
248162.0	842878.9	128.0	26.955	10.699	21.6	29.000	9.4	23.078	3.380	0.971	16.0	3.516	1.8	3.487	-0.905	-14.6	3.603
248162.8	842878.4	128.0	27.231	10.888	21.8	29.327	9.9	23.338	3.388	0.988	16.3	3.529	1.8	3.501	-0.926	-14.8	3.621
248163.7	842877.9	128.0	27.474	11.072	21.9	29.621	10.3	23.572	3.390	1.005	16.5	3.535	1.9	3.508	-0.947	-15.1	3.634
248164.5	842877.3	128.0	27.686	11.250	22.1	29.884	10.8	23.781	3.386	1.021	16.8	3.536	2.1	3.509	-0.967	-15.4	3.640
248165.4	842876.8	128.0	27.868	11.425	22.3	30.119	11.4	23.968	3.375	1.036	17.1	3.531	2.2	3.504	-0.987	-15.7	3.641
248166.2	842876.2	128.0	28.024	11.596	22.5	30.328	11.9	24.134	3.359	1.051	17.4	3.519	2.3	3.493	-1.006	-16.1	3.635
248167.1	842875.7	128.0	28.154	11.764	22.7	30.513	12.5	24.282	3.336	1.066	17.7	3.502	2.4	3.474	-1.026	-16.4	3.623
248167.9	842875.2	128.0	28.261	11.932	22.9	30.677	13.1	24.412	3.306	1.080	18.1	3.478	2.6	3.450	-1.045	-16.8	3.604
248168.7	842874.6	128.0	28.346	12.100	23.1	30.821	13.7	24.526	3.270	1.095	18.5	3.448	2.7	3.418	-1.063	-17.3	3.580
248169.6	842874.1	128.0	28.412	12.268	23.4	30.948	14.4	24.627	3.227	1.109	19.0	3.412	2.9	3.380	-1.082	-17.8	3.549
248170.4	842873.6	128.0	28.460	12.438	23.6	31.059	15.0	24.716	3.178	1.123	19.5	3.370	3.1	3.335	-1.100	-18.3	3.512
248171.3	842873.0	128.0	28.492	12.611	23.9	31.158	15.7	24.795	3.121	1.137	20.0	3.322	3.3	3.283	-1.119	-18.8	3.468
248172.1	842872.5	128.0	28.509	12.787	24.2	31.245	16.4	24.864	3.059	1.151	20.6	3.268	3.5	3.224	-1.137	-19.4	3.419
248173.0	842872.0	128.0	28.513	12.966	24.5	31.323	17.1	24.926	2.989	1.166	21.3	3.208	3.7	3.159	-1.155	-20.1	3.363
248173.8	842871.4	128.0	28.505	13.150	24.8	31.392	17.8	24.981	2.913	1.180	22.0	3.143	4.0	3.087	-1.174	-20.8	3.302
248174.7	842870.9	128.0	28.485	13.339	25.1	31.454	18.6	25.030	2.831	1.194	22.9	3.073	4.3	3.009	-1.192	-21.6	3.236
248175.5	842870.3	128.0	28.454	13.530	25.4	31.507	19.4	25.073	2.743	1.209	23.8	2.998	4.6	2.924	-1.209	-22.5	3.164
248176.3	842869.8	128.0	28.412	13.725	25.8	31.553	20.2	25.109	2.650	1.223	24.8	2.918	5.0	2.834	-1.227	-23.4	3.088
248177.2	842869.3	128.0	28.357	13.920	26.1	31.590	21.0	25.138	2.551	1.237	25.9	2.835	5.4	2.738	-1.244	-24.4	3.007
248178.0	842868.7	128.0	28.288	14.115	26.5	31.614	21.8	25.158	2.447	1.250	27.1	2.748	5.9	2.636	-1.261	-25.6	2.922
248178.9	842868.2	128.0	28.202	14.305	26.9	31.622	22.6	25.164	2.339	1.263	28.4	2.658	6.4	2.530	-1.276	-26.8	2.834
248179.7	842867.7	128.0	28.095	14.486	27.3	31.609	23.4	25.154	2.226	1.275	29.8	2.566	7.0	2.420	-1.291	-28.1	2.742
248180.6	842867.1	128.0	27.961	14.652	27.7	31.567	24.2	25.121	2.111	1.286	31.3	2.472	7.6	2.306	-1.304	-29.5	2.649
248181.4	842866.6	128.0	27.794	14.797	28.0	31.488	25.0	25.057	1.994	1.294	33.0	2.377	8.3	2.189	-1.314	-31.0	2.553
248182.3	842866.1	128.0	27.587	14.911	28.4	31.359	25.8	24.955	1.875	1.300	34.7	2.282	9.1	2.070	-1.322	-32.6	2.456
248183.1	842865.5	128.0	27.330	14.984	28.7	31.168	26.5	24.803	1.755	1.303	36.6	2.186	9.9	1.950	-1.326	-34.2	2.358
248183.9	842865.0	128.0	27.012	15.005	29.1	30.900	27.2	24.589	1.636	1.301	38.5	2.090	10.7	1.829	-1.324	-35.9	2.258
248184.8	842864.4	128.0	26.622	14.960	29.3	30.538	27.8	24.301	1.518	1.292	40.4	1.994	11.6	1.709	-1.317	-37.6	2.158
248185.6	842863.9	128.0	26.150	14.835	29.6	30.065	28.2	23.925	1.403	1.277	42.3	1.897	12.5	1.591	-1.302	-39.3	2.056
248186.5	842863.4	128.0	25.585	14.618	29.7	29.466	28.5	23.449	1.291	1.252	44.1	1.798	13.4	1.476	-1.278	-40.9	1.952
248187.3	842862.8	128.0	24.918	14.297	29.8	28.729	28.6	22.861	1.183	1.218	45.8	1.698	14.2	1.365	-1.244	-42.3	1.847
248188.2	842862.3	128.0	24.144	13.867	29.9	27.843	28.5	22.157	1.080	1.172	47.3	1.593	14.9	1.258	-1.199	-43.6	1.738
248189.0	842861.8	128.0	23.261	13.326	29.8	26.808	28.2	21.333	0.982	1.114	48.6	1.485	15.5	1.157	-1.142	-44.6	1.626
248189.8	842861.2	128.0	22.275	12.682	29.7	25.632	27.6	20.397	0.890	1.045	49.6	1.373	15.9	1.061	-1.075	-45.4	1.510
248190.7	842860.7	128.0	21.194	11.951	29.4	24.331	26.8	19.362	0.804	0.966	50.2	1.257	16.3	0.971	-0.997	-45.8	1.392
248191.5	842860.2	128.0	20.036	11.155	29.1	22.932	25.8	18.249	0.723	0.879	50.6	1.138	16.4	0.888	-0.913	-45.8	1.273
248192.4	842859.6	128.0	18.822	10.322	28.7	21.467	24.5	17.083	0.648	0.787	50.5	1.019	16.4	0.810	-0.823	-45.5	1.155
248193.2	842859.1	128.0	17.578	9.481	28.3	19.972	23.2	15.893	0.578	0.692	50.1	0.902	16.1	0.738	-0.732	-44.8	1.040
248194.1	842858.5	128.0	16.329	8.658	27.9	18.482	21.7	14.708	0.514	0.599	49.4	0.789	15.7	0.671	-0.643	-43.8	0.929
248194.9	842858.0	128.0	15.101	7.875	27.5	17.031	20.3	13.553	0.455	0.511	48.3	0.684	15.2	0.610	-0.558	-42.4	0.826
248195.8	842857.5	128.0	13.915	7.146	27.2	15.642	18.8	12.448	0.402	0.429	46.8	0.588	14.4	0.554	-0.479	-40.8	0.732

Max EF along centerline is 3.536 (kV/m) at 42.000 (m) from structure [redacted]-8R

Cross section results at max EF along centerline between structures [redacted]-8R and Gantry 1





3D EMF Point Results Span from [redacted]-8R to Gantry 1:

Measurement			B					H	EF					Space Potential			
X (m)	Y (m)	Z (m)	Real (uT)	Imaginary (uT)	Angle (deg)	Magnitude (uT)	Polarization Axial Ratio %	Magnitude (A/m)	Real (kV/m)	Imaginary (kV/m)	Angle (deg)	Magnitude (kV/m)	Polarization Axial Ratio %	Real (kV)	Imaginary (kV)	Angle (deg)	Magnitude (kV)
248180.6	842902.6	130.6	11.228	5.704	26.9	12.594	19.1	10.022	0.323	0.364	48.4	0.487	6.9	1.586	-0.148	-5.3	1.592
248180.1	842901.8	130.5	11.531	5.791	26.7	12.903	18.5	10.268	0.359	0.367	45.6	0.514	6.2	1.692	-0.211	-7.1	1.705
248179.6	842900.9	130.2	11.750	5.802	26.3	13.104	17.8	10.428	0.399	0.370	42.9	0.544	4.7	1.697	-0.169	-5.7	1.706
248179.0	842900.1	129.9	11.970	5.808	25.9	13.305	17.2	10.588	0.443	0.375	40.2	0.580	3.7	1.676	-0.115	-3.9	1.680
248178.5	842899.3	129.5	12.200	5.819	25.5	13.517	16.5	10.756	0.492	0.380	37.7	0.622	3.5	1.636	-0.059	-2.1	1.637
248177.9	842898.4	129.0	12.374	5.790	25.1	13.662	15.9	10.872	0.546	0.386	35.3	0.669	4.3	1.499	0.053	2.0	1.500
248177.4	842897.6	128.5	12.541	5.760	24.7	13.800	15.3	10.982	0.607	0.394	33.0	0.723	5.5	1.313	0.175	7.6	1.324
248176.9	842896.7	128.0	12.701	5.731	24.3	13.934	14.7	11.088	0.674	0.402	30.8	0.785	6.6	1.073	0.306	15.9	1.116
248176.3	842895.9	128.0	13.139	5.862	24.0	14.387	14.2	11.449	0.749	0.413	28.9	0.856	5.8	1.114	0.254	12.8	1.143

248175.8	842895.0	128.0	13.634	6.019	23.8	14.903	13.6	11.860	0.832	0.427	27.1	0.935	4.9	1.190	0.187	9.0	1.204
248175.3	842894.2	128.0	14.167	6.187	23.6	15.459	13.1	12.302	0.925	0.442	25.6	1.025	4.1	1.274	0.122	5.5	1.280
248174.7	842893.4	128.0	14.740	6.367	23.4	16.056	12.6	12.777	1.027	0.459	24.1	1.125	3.4	1.367	0.057	2.4	1.369
248174.2	842892.5	128.0	15.355	6.561	23.1	16.698	12.1	13.288	1.140	0.479	22.8	1.237	2.8	1.472	-0.007	-0.3	1.472
248173.7	842891.7	128.0	16.013	6.768	22.9	17.385	11.6	13.834	1.266	0.500	21.6	1.361	2.2	1.587	-0.071	-2.5	1.589
248173.1	842890.8	128.0	16.717	6.988	22.7	18.119	11.1	14.418	1.404	0.524	20.5	1.498	1.8	1.715	-0.133	-4.4	1.721
248172.6	842890.0	128.0	17.466	7.221	22.5	18.900	10.6	15.040	1.556	0.550	19.5	1.650	1.4	1.857	-0.196	-6.0	1.867
248172.0	842889.1	128.0	18.259	7.468	22.2	19.727	10.2	15.698	1.721	0.577	18.5	1.816	1.1	2.011	-0.258	-7.3	2.027
248171.5	842888.3	128.0	19.094	7.727	22.0	20.598	9.8	16.391	1.900	0.607	17.7	1.995	0.9	2.178	-0.319	-8.3	2.201
248171.0	842887.4	128.0	19.966	7.998	21.8	21.509	9.4	17.116	2.092	0.639	17.0	2.188	0.7	2.357	-0.380	-9.2	2.388
248170.4	842886.6	128.0	20.869	8.279	21.6	22.452	9.0	17.866	2.294	0.672	16.3	2.391	0.6	2.546	-0.440	-9.8	2.584
248169.9	842885.8	128.0	21.792	8.569	21.5	23.417	8.7	18.634	2.504	0.707	15.8	2.602	0.6	2.742	-0.500	-10.3	2.787
248169.4	842884.9	128.0	22.721	8.865	21.3	24.390	8.5	19.409	2.715	0.743	15.3	2.815	0.6	2.939	-0.558	-10.8	2.992
248168.8	842884.1	128.0	23.638	9.165	21.2	25.353	8.3	20.175	2.923	0.780	14.9	3.025	0.7	3.132	-0.616	-11.1	3.192
248168.3	842883.2	128.0	24.521	9.466	21.1	26.284	8.3	20.916	3.117	0.817	14.7	3.223	0.7	3.313	-0.672	-11.5	3.380
248167.8	842882.4	128.0	25.344	9.763	21.1	27.160	8.3	21.613	3.290	0.854	14.5	3.399	0.8	3.472	-0.726	-11.8	3.547
248167.2	842881.5	128.0	26.081	10.053	21.1	27.951	8.5	22.243	3.431	0.890	14.5	3.544	1.0	3.599	-0.777	-12.2	3.682
248166.7	842880.7	128.0	26.704	10.332	21.2	28.633	8.8	22.786	3.530	0.924	14.7	3.648	1.1	3.686	-0.826	-12.6	3.777
248166.1	842879.9	128.0	27.190	10.595	21.3	29.181	9.2	23.222	3.578	0.956	15.0	3.703	1.3	3.723	-0.870	-13.2	3.824
248165.6	842879.0	128.0	27.520	10.838	21.5	29.577	9.7	23.537	3.570	0.983	15.4	3.703	1.5	3.707	-0.909	-13.8	3.817
248165.1	842878.2	128.0	27.685	11.057	21.8	29.812	10.2	23.723	3.505	1.005	16.0	3.647	1.8	3.635	-0.942	-14.5	3.755
248164.5	842877.3	128.0	27.686	11.250	22.1	29.884	10.8	23.781	3.386	1.021	16.8	3.536	2.1	3.509	-0.967	-15.4	3.640
248164.0	842876.5	128.0	27.532	11.416	22.5	29.805	11.5	23.718	3.218	1.028	17.7	3.378	2.3	3.337	-0.983	-16.4	3.479
248163.5	842875.6	128.0	27.244	11.553	23.0	29.593	12.0	23.549	3.011	1.025	18.8	3.180	2.6	3.128	-0.989	-17.5	3.280
248162.9	842874.8	128.0	26.850	11.665	23.5	29.275	12.5	23.296	2.777	1.012	20.0	2.955	2.8	2.892	-0.984	-18.8	3.055
248162.4	842873.9	128.0	26.382	11.753	24.0	28.882	13.0	22.983	2.527	0.989	21.4	2.713	3.0	2.640	-0.968	-20.1	2.812
248161.8	842873.1	128.0	25.873	11.825	24.6	28.447	13.3	22.637	2.271	0.957	22.8	2.465	3.2	2.384	-0.943	-21.6	2.563
248161.3	842872.3	128.0	25.355	11.885	25.1	28.003	13.5	22.284	2.020	0.916	24.4	2.218	3.3	2.130	-0.907	-23.1	2.316
248160.8	842871.4	128.0	24.860	11.944	25.7	27.580	13.7	21.948	1.779	0.867	26.0	1.979	3.5	1.887	-0.865	-24.6	2.075
248160.2	842870.6	128.0	24.413	12.011	26.2	27.208	13.7	21.652	1.551	0.813	27.7	1.752	3.6	1.656	-0.816	-26.2	1.846
248159.7	842869.7	128.0	24.037	12.097	26.7	26.910	13.7	21.414	1.340	0.755	29.4	1.538	3.7	1.440	-0.762	-27.9	1.629
248159.2	842868.9	128.0	23.749	12.212	27.2	26.705	13.7	21.251	1.143	0.695	31.3	1.338	4.0	1.239	-0.705	-29.6	1.425
248158.6	842868.0	128.0	23.561	12.369	27.7	26.610	13.6	21.175	0.960	0.633	33.4	1.150	4.5	1.049	-0.645	-31.6	1.232
248158.1	842867.2	128.0	23.479	12.576	28.2	26.635	13.6	21.195	0.788	0.569	35.8	0.972	5.5	0.869	-0.583	-33.9	1.046
248157.6	842866.4	128.0	23.507	12.844	28.7	26.787	13.7	21.316	0.623	0.504	39.0	0.802	7.3	0.693	-0.518	-36.8	0.865
248157.0	842865.5	128.0	23.642	13.182	29.1	27.068	13.8	21.540	0.464	0.436	43.2	0.637	11.1	0.519	-0.448	-40.8	0.686
248156.5	842864.7	128.0	23.879	13.594	29.7	27.477	14.1	21.866	0.316	0.364	49.0	0.482	19.7	0.341	-0.372	-47.6	0.505
248155.9	842863.8	128.0	24.208	14.084	30.2	28.007	14.4	22.287	0.209	0.286	53.8	0.355	42.9	0.155	-0.287	-61.7	0.326
248155.4	842863.0	128.0	24.617	14.653	30.8	28.648	14.7	22.797	0.240	0.207	40.7	0.317	84.9	-0.042	-0.189	77.5	0.193
248154.9	842862.1	128.0	25.091	15.298	31.4	29.387	15.1	23.385	0.396	0.148	20.5	0.423	36.5	-0.252	-0.074	16.3	0.263
248154.3	842861.3	128.0	25.612	16.013	32.0	30.205	15.4	24.037	0.600	0.178	16.5	0.626	18.7	-0.477	0.062	-7.4	0.481
248153.8	842860.4	128.0	26.161	16.786	32.7	31.083	15.7	24.735	0.830	0.304	20.1	0.884	11.9	-0.717	0.223	-17.3	0.751
248153.3	842859.6	128.0	26.716	17.601	33.4	31.993	15.9	25.459	1.078	0.481	24.0	1.180	8.8	-0.970	0.412	-23.0	1.054
248152.7	842858.8	128.0	27.256	18.439	34.1	32.907	15.9	26.187	1.338	0.695	27.5	1.508	7.1	-1.233	0.632	-27.1	1.385
248152.2	842857.9	128.0	27.756	19.272	34.8	33.791	15.8	26.890	1.605	0.943	30.4	1.862	6.0	-1.500	0.880	-30.4	1.739
248151.7	842857.1	128.0	28.192	20.069	35.4	34.606	15.6	27.539	1.871	1.219	33.1	2.233	5.3	-1.767	1.155	-33.2	2.111
248151.1	842856.2	128.0	28.539	20.797	36.1	35.312	15.1	28.101	2.129	1.515	35.4	2.613	4.7	-2.024	1.448	-35.6	2.488
248150.6	842855.4	128.0	28.771	21.416	36.7	35.867	14.5	28.542	2.368	1.820	37.5	2.987	4.1	-2.262	1.750	-37.7	2.860
248150.0	842854.5	128.0	28.865	21.893	37.2	36.228	13.7	28.829	2.580	2.120	39.4	3.339	3.6	-2.473	2.046	-39.6	3.210
248149.5	842853.7	128.0	28.801	22.194	37.6	36.360	12.9	28.934	2.755	2.397	41.0	3.652	3.1	-2.649	2.320	-41.2	3.521
248149.0	842852.9	128.0	28.563	22.296	38.0	36.235	11.9	28.835	2.886	2.636	42.4	3.909	2.6	-2.781	2.557	-42.6	3.777
248148.4	842852.0	128.0	28.146	22.187	38.2	35.840	10.9	28.520	2.968	2.821	43.5	4.095	2.2	-2.864	2.741	-43.7	3.965

Centerline results between structures [redacted]/[redacted]-8A and Gantry 4

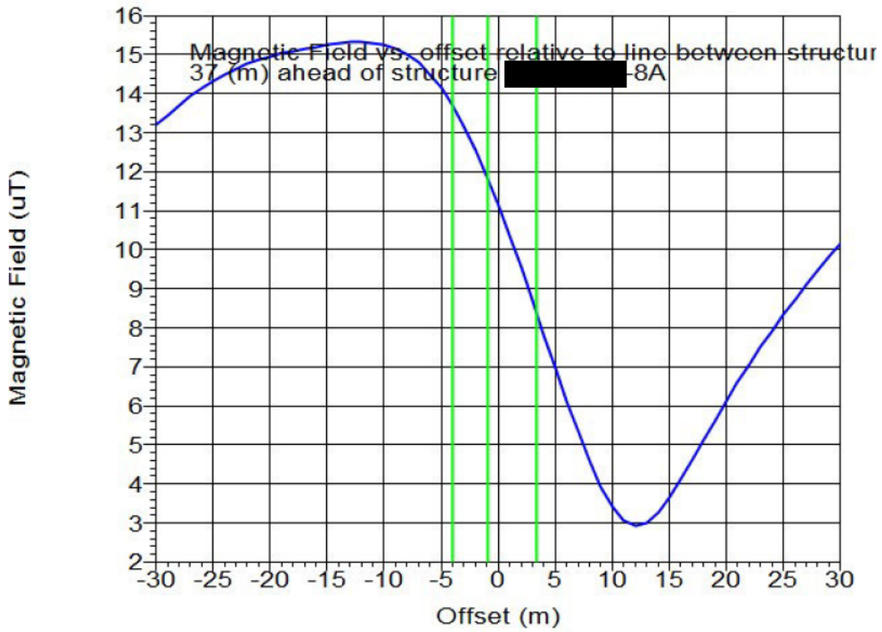
3D EMF Point Results Centerline from [redacted]/[redacted]-8A to Gantry 4:

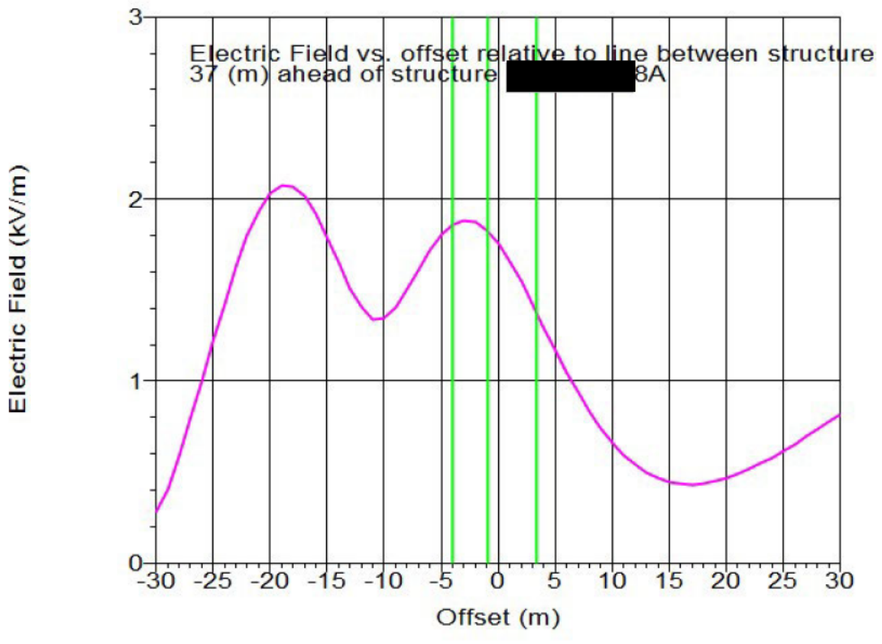
Measurement			B					H	EF					Space Potential				
X (m)	Y (m)	Z (m)	Real (uT)	Imaginary (uT)	Angle (deg)	Magnitude (uT)	Polarization Axial Ratio %	Magnitude (A/m)	Real (kV/m)	Imaginary (kV/m)	Angle (deg)	Magnitude (kV/m)	Polarization Axial Ratio %	Real (kV)	Imaginary (kV)	Angle (deg)	Magnitude (kV)	
247997.6	842727.6	128.0	5.359	3.743	34.9	6.537	17.3	5.202	0.129	0.530	76.3	0.545	8.9	-0.090	0.470	-79.1	0.479	
247998.5	842727.1	128.0	5.173	3.655	35.2	6.334	19.2	5.041	0.088	0.526	80.5	0.534	10.0	-0.040	0.469	-85.2	0.471	
247999.3	842726.5	128.0	4.964	3.546	35.5	6.101	21.6	4.855	0.060	0.523	83.4	0.526	11.1	0.015	0.467	88.2	0.467	
248000.1	842725.9	128.0	4.735	3.419	35.8	5.840	24.6	4.647	0.074	0.518	81.9	0.524	12.1	0.073	0.464	81.0	0.469	
248000.9	842725.4	128.0	4.490	3.275	36.1	5.557	28.3	4.422	0.120	0.513	76.8	0.527	12.8	0.136	0.460	73.6	0.480	
248001.7	842724.8	128.0	4.238	3.115	36.3	5.259	32.9	4.185	0.179	0.508	70.6	0.539	13.3	0.201	0.456	66.2	0.498	
248002.6	842724.2	128.0	3.988	2.942	36.4	4.955	38.6	3.943	0.244	0.502	64.1	0.558	13.5	0.271	0.451	59.0	0.526	
248003.4	842723.6	128.0	3.753	2.758	36.3	4.657	45.5	3.706	0.313	0.495	57.7	0.586	13.3	0.343	0.445	52.4	0.562	
248004.2	842723.1	128.0	3.549	2.565	35.9	4.378	53.4	3.484	0.386	0.488	51.7	0.622	12.9	0.419	0.438	46.3	0.606	
248005.0	842722.5	128.0	3.395	2.365	34.9	4.138	61.1	3.293	0.461	0.479	46.1	0.665	12.2	0.497	0.431	40.9	0.658	
248005.8	842721.9	128.0	3.312	2.163	33.1	3.956	64.2	3.148	0.540	0.469	41.0	0.715	11.5	0.578	0.422	36.1	0.715	
248006.7	842721.4	128.0	3.315	1.960	30.6	3.851	58.4	3.065	0.620	0.458	36.5	0.771	10.8	0.660	0.411	31.9	0.778	
248007.5	842720.8	128.0	3.411	1.762	27.3	3.839	46.9	3.055	0.701	0.446	32.4	0.831	10.1	0.743	0.399	28.3	0.844	
248008.3	842720.2	128.0	3.598	1.573	23.6	3.926	34.7	3.124	0.783	0.432	28.9	0.894	9.4	0.827	0.386	25.0	0.912	
248009.1	842719.6	128.0	3.862	1.399	19.9	4.108	24.2	3.269	0.865	0.416	25.7	0.960	8.8	0.910	0.371	22.2	0.983	
248010.0	842719.1	128.0	4.188	1.252	16.6	4.371	16.7	3.479	0.946	0.399	22.9	1.026	8.2	0.992	0.355	19.7	1.054	
248010.8	842718.5	128.0	4.557	1.141	14.1	4.698	13.2	3.738	1.024	0.381	20.4	1.093	7.6	1.072	0.337	17.4	1.124	
248011.6	842717.9	128.0	4.952	1.080	12.3	5.069	13.5	4.034	1.101	0.361	18.2	1.158	7.2	1.150	0.317	15.4	1.193	
248012.4	842717.4	128.0	5.360	1.077	11.4	5.467	15.5	4.351	1.174	0.340	16.1	1.222	6.8	1.224	0.296	13.6	1.259	
248013.2	842716.8	128.0	5.769	1.132	11.1	5.879	17.6	4.678	1.243	0.317	14.3	1.283	6.4	1.294	0.274	12.0	1.323	
248014.1	842716.2	128.0	6.170	1.236	11.3	6.292	19.5	5.007	1.308	0.293	12.6	1.340	6.0	1.360	0.251	10.5	1.383	
248014.9	842715.6	128.0	6.556	1.376	11.9	6.699	21.0	5.331	1.368	0.269	11.1	1.394	5.7	1.422	0.227	9.1	1.440	
248015.7	842715.1	128.0	6.924	1.541	12.5	7.093	22.1	5.645	1.424	0.244	9.7	1.444	5.4	1.478	0.202	7.8	1.492	

248016.5	842714.5	128.0	7.269	1.720	13.3	7.470	22.9	5.944	1.474	0.219	8.4	1.490	5.2	1.530	0.176	6.6	1.540
248017.3	842713.9	128.0	7.591	1.908	14.1	7.827	23.6	6.229	1.520	0.193	7.2	1.532	5.0	1.576	0.150	5.4	1.584
248018.2	842713.4	128.0	7.889	2.099	14.9	8.164	24.1	6.496	1.560	0.168	6.1	1.569	4.8	1.618	0.124	4.4	1.623
248019.0	842712.8	128.0	8.164	2.292	15.7	8.479	24.5	6.748	1.596	0.143	5.1	1.603	4.6	1.655	0.098	3.4	1.658
248019.8	842712.2	128.0	8.416	2.483	16.4	8.775	24.8	6.983	1.628	0.119	4.2	1.632	4.4	1.688	0.071	2.4	1.689
248020.6	842711.6	128.0	8.650	2.671	17.2	9.053	25.0	7.204	1.655	0.098	3.4	1.658	4.3	1.716	0.045	1.5	1.716
248021.4	842711.1	128.0	8.866	2.855	17.8	9.314	25.3	7.412	1.678	0.080	2.7	1.680	4.1	1.740	0.019	0.6	1.740
248022.3	842710.5	128.0	9.067	3.035	18.5	9.562	25.5	7.609	1.697	0.069	2.3	1.699	4.0	1.760	-0.007	-0.2	1.760
248023.1	842709.9	128.0	9.258	3.210	19.1	9.798	25.7	7.797	1.713	0.068	2.3	1.714	3.9	1.777	-0.033	-1.1	1.778
248023.9	842709.4	128.0	9.440	3.380	19.7	10.027	26.0	7.979	1.726	0.077	2.6	1.727	3.8	1.791	-0.058	-1.9	1.792
248024.7	842708.8	128.0	9.617	3.546	20.2	10.250	26.2	8.156	1.735	0.092	3.0	1.738	3.7	1.802	-0.083	-2.6	1.803
248025.5	842708.2	128.0	9.792	3.708	20.7	10.470	26.4	8.332	1.742	0.112	3.7	1.745	3.6	1.809	-0.108	-3.4	1.812
248026.4	842707.6	128.0	9.967	3.867	21.2	10.691	26.6	8.507	1.745	0.133	4.4	1.750	3.6	1.814	-0.132	-4.2	1.819
248027.2	842707.1	128.0	10.145	4.023	21.6	10.914	26.9	8.685	1.746	0.155	5.1	1.753	3.5	1.816	-0.156	-4.9	1.823
248028.0	842706.5	128.0	10.330	4.178	22.0	11.143	27.1	8.867	1.745	0.178	5.8	1.754	3.5	1.816	-0.180	-5.7	1.825
248028.8	842705.9	128.0	10.522	4.332	22.4	11.379	27.3	9.055	1.740	0.201	6.6	1.752	3.4	1.813	-0.203	-6.4	1.824
248029.6	842705.4	128.0	10.723	4.487	22.7	11.625	27.5	9.250	1.733	0.224	7.4	1.748	3.4	1.807	-0.226	-7.1	1.821
248030.5	842704.8	128.0	10.937	4.644	23.0	11.882	27.7	9.455	1.724	0.247	8.2	1.741	3.4	1.799	-0.249	-7.9	1.816
248031.3	842704.2	128.0	11.162	4.803	23.3	12.152	27.9	9.670	1.711	0.270	9.0	1.733	3.4	1.788	-0.272	-8.6	1.809
248032.1	842703.6	128.0	11.402	4.967	23.5	12.437	28.1	9.897	1.696	0.293	9.8	1.722	3.5	1.775	-0.295	-9.4	1.799
248032.9	842703.1	128.0	11.656	5.135	23.8	12.737	28.3	10.136	1.679	0.317	10.7	1.708	3.5	1.759	-0.317	-10.2	1.787
248033.7	842702.5	128.0	11.926	5.310	24.0	13.054	28.5	10.388	1.658	0.340	11.6	1.693	3.6	1.740	-0.340	-11.1	1.773
248034.6	842701.9	128.0	12.211	5.492	24.2	13.389	28.7	10.655	1.635	0.363	12.5	1.675	3.7	1.718	-0.363	-11.9	1.756
248035.4	842701.4	128.0	12.511	5.682	24.4	13.741	28.9	10.935	1.608	0.387	13.5	1.654	3.9	1.694	-0.385	-12.8	1.737
248036.2	842700.8	128.0	12.827	5.881	24.6	14.111	29.1	11.229	1.579	0.411	14.6	1.631	4.1	1.666	-0.408	-13.8	1.715
248037.0	842700.2	128.0	13.158	6.090	24.8	14.499	29.3	11.538	1.546	0.435	15.7	1.606	4.3	1.635	-0.432	-14.8	1.691
248037.9	842699.6	128.0	13.502	6.309	25.0	14.904	29.5	11.860	1.511	0.459	16.9	1.579	4.6	1.601	-0.455	-15.9	1.665
248038.7	842699.1	128.0	13.860	6.539	25.3	15.325	29.7	12.195	1.472	0.484	18.2	1.549	4.9	1.564	-0.479	-17.0	1.636
248039.5	842698.5	128.0	14.229	6.779	25.5	15.761	30.0	12.542	1.430	0.509	19.6	1.517	5.4	1.524	-0.503	-18.3	1.605
248040.3	842697.9	128.0	14.607	7.030	25.7	16.211	30.2	12.900	1.385	0.534	21.1	1.484	5.9	1.480	-0.527	-19.6	1.571
248041.1	842697.4	128.0	14.993	7.291	25.9	16.672	30.5	13.267	1.336	0.559	22.7	1.449	6.5	1.434	-0.551	-21.0	1.536
248042.0	842696.8	128.0	15.384	7.562	26.2	17.142	30.9	13.641	1.285	0.585	24.5	1.412	7.2	1.384	-0.576	-22.6	1.499
248042.8	842696.2	128.0	15.776	7.841	26.4	17.617	31.2	14.019	1.231	0.611	26.4	1.374	8.0	1.330	-0.601	-24.3	1.460
248043.6	842695.6	128.0	16.166	8.127	26.7	18.094	31.6	14.399	1.174	0.637	28.5	1.336	9.0	1.274	-0.626	-26.2	1.420
248044.4	842695.1	128.0	16.549	8.417	27.0	18.567	32.0	14.775	1.115	0.663	30.7	1.297	10.1	1.215	-0.651	-28.2	1.378
248045.2	842694.5	128.0	16.921	8.708	27.2	19.030	32.4	15.144	1.054	0.689	33.2	1.259	11.5	1.152	-0.676	-30.4	1.336
248046.1	842693.9	128.0	17.274	8.997	27.5	19.477	32.9	15.499	0.990	0.715	35.8	1.221	13.0	1.088	-0.701	-32.8	1.294
248046.9	842693.4	128.0	17.603	9.279	27.8	19.899	33.3	15.835	0.925	0.740	38.6	1.185	14.8	1.020	-0.724	-35.4	1.251
248047.7	842692.8	128.0	17.900	9.549	28.1	20.288	33.8	16.144	0.860	0.763	41.6	1.150	16.7	0.951	-0.746	-38.1	1.209
248048.5	842692.2	128.0	18.156	9.798	28.4	20.631	34.3	16.418	0.794	0.785	44.7	1.117	18.9	0.880	-0.767	-41.1	1.167
248049.3	842691.6	128.0	18.361	10.019	28.6	20.917	34.7	16.645	0.728	0.805	47.9	1.085	21.2	0.807	-0.785	-44.2	1.126
248050.2	842691.1	128.0	18.505	10.203	28.9	21.132	35.1	16.816	0.664	0.821	51.0	1.056	23.6	0.734	-0.800	-47.4	1.085
248051.0	842690.5	128.0	18.578	10.338	29.1	21.261	35.5	16.919	0.602	0.832	54.1	1.027	26.1	0.661	-0.810	-50.8	1.045
248051.8	842689.9	128.0	18.568	10.414	29.3	21.289	35.7	16.941	0.543	0.838	57.1	0.999	28.5	0.588	-0.814	-54.2	1.004
248052.6	842689.4	128.0	18.465	10.418	29.4	21.202	35.8	16.872	0.488	0.838	59.8	0.969	30.9	0.517	-0.812	-57.5	0.962
248053.4	842688.8	128.0	18.261	10.340	29.5	20.985	35.8	16.699	0.438	0.828	62.1	0.937	33.2	0.447	-0.801	-60.8	0.918
248054.3	842688.2	128.0	17.947	10.172	29.5	20.629	35.6	16.416	0.394	0.809	64.1	0.900	35.4	0.381	-0.782	-64.0	0.870
248055.1	842687.6	128.0	17.521	9.909	29.5	20.129	35.2	16.018	0.356	0.780	65.5	0.858	37.4	0.318	-0.752	-67.1	0.817
248055.9	842687.1	128.0	16.984	9.552	29.4	19.486	34.5	15.507	0.324	0.740	66.4	0.808	39.4	0.260	-0.712	-69.9	0.758
248056.7	842686.5	128.0	16.342	9.109	29.1	18.710	33.5	14.889	0.298	0.690	66.6	0.751	41.4	0.207	-0.663	-72.6	0.694
248057.5	842685.9	128.0	15.607	8.595	28.8	17.817	32.3	14.179	0.277	0.630	66.3	0.688	43.6	0.159	-0.604	-75.2	0.625
248058.4	842685.4	128.0	14.796	8.028	28.5	16.833	30.8	13.396	0.259	0.562	65.3	0.619	46.1	0.117	-0.539	-77.7	0.552
248059.2	842684.8	128.0	13.928	7.433	28.1	15.787	29.1	12.563	0.245	0.490	63.4	0.548	48.9	0.081	-0.470	-80.3	0.477
248060.0	842684.2	128.0	13.027	6.834	27.7	14.710	27.3	11.706	0.233	0.416	60.7	0.477	52.3	0.049	-0.399	-83.0	0.402
248060.8	842683.6	128.0	12.115	6.250	27.3	13.632	25.4	10.848	0.224	0.343	56.9	0.409	55.9	0.023	-0.329	-86.1	0.330
248061.7	842683.1	128.0	11.214	5.699	26.9	12.579	23.4	10.010	0.216	0.274	51.8	0.349	58.8	0.001	-0.263	-89.9	0.263
248062.5	842682.5	128.0	10.343	5.191	26.7	11.572	21.6	9.209	0.209	0.211	45.3	0.297	59.2	-0.017	-0.203	85.1	0.204

Max EF along centerline is 1.754 (kV/m) at 37.000 (m) from structure [redacted]/[redacted]-8A

Cross section results at max EF along centerline between structures [redacted]/[redacted]-8A and Gantry 4





3D EMF Point Results Span from [redacted]-8A to Gantry 4:

Measurement			B					H	EF					Space Potential			
X (m)	Y (m)	Z (m)	Real (uT)	Imaginary (uT)	Angle (deg)	Magnitude (uT)	Polarization Axial Ratio %	Magnitude (A/m)	Real (kV/m)	Imaginary (kV/m)	Angle (deg)	Magnitude (kV/m)	Polarization Axial Ratio %	Real (kV)	Imaginary (kV)	Angle (deg)	Magnitude (kV)
248045.1	842731.1	128.0	10.014	8.598	40.6	13.198	28.8	10.503	0.242	0.144	30.7	0.282	59.3	-0.147	-0.072	26.0	0.164
248044.6	842730.3	128.0	10.080	8.922	41.5	13.461	30.0	10.712	0.382	0.138	19.8	0.406	26.8	-0.299	0.049	-9.3	0.303
248044.0	842729.5	128.0	10.135	9.230	42.3	13.708	31.1	10.909	0.533	0.236	23.9	0.583	15.2	-0.452	0.190	-22.8	0.491
248043.4	842728.7	128.0	10.185	9.515	43.1	13.938	32.2	11.092	0.685	0.385	29.3	0.786	10.4	-0.602	0.350	-30.2	0.697
248042.9	842727.8	128.0	10.234	9.770	43.7	14.149	33.4	11.259	0.831	0.559	33.9	1.001	8.0	-0.743	0.526	-35.3	0.911
248042.3	842727.0	128.0	10.290	9.985	44.1	14.338	34.7	11.410	0.963	0.747	37.8	1.219	6.6	-0.871	0.713	-39.3	1.125
248041.7	842726.2	128.0	10.358	10.155	44.4	14.505	36.0	11.543	1.076	0.942	41.2	1.430	5.8	-0.979	0.904	-42.7	1.333
248041.1	842725.4	128.0	10.446	10.271	44.5	14.650	37.4	11.658	1.164	1.135	44.3	1.626	5.3	-1.063	1.093	-45.8	1.525
248040.6	842724.6	128.0	10.561	10.329	44.4	14.772	38.8	11.756	1.222	1.317	47.2	1.797	5.0	-1.115	1.271	-48.7	1.691

248040.0	842723.7	128.0	10.707	10.326	44.0	14.875	40.2	11.837	1.244	1.480	50.0	1.933	4.9	-1.133	1.429	-51.6	1.824
248039.4	842722.9	128.0	10.888	10.261	43.3	14.961	41.5	11.906	1.227	1.614	52.8	2.027	5.0	-1.113	1.560	-54.5	1.916
248038.9	842722.1	128.0	11.103	10.136	42.4	15.033	42.7	11.963	1.169	1.712	55.7	2.073	5.4	-1.051	1.655	-57.6	1.961
248038.3	842721.3	128.0	11.349	9.954	41.3	15.096	43.5	12.013	1.069	1.771	58.9	2.069	6.0	-0.948	1.712	-61.0	1.957
248037.7	842720.4	128.0	11.620	9.724	39.9	15.152	44.1	12.057	0.931	1.788	62.5	2.016	7.0	-0.805	1.729	-65.0	1.907
248037.1	842719.6	128.0	11.908	9.451	38.4	15.203	44.1	12.098	0.759	1.765	66.7	1.921	8.5	-0.625	1.705	-69.9	1.816
248036.6	842718.8	128.0	12.201	9.146	36.9	15.248	43.8	12.134	0.563	1.703	71.7	1.794	10.7	-0.413	1.645	-75.9	1.696
248036.0	842718.0	128.0	12.490	8.815	35.2	15.287	43.0	12.165	0.367	1.610	77.2	1.651	13.7	-0.176	1.553	-83.5	1.562
248035.4	842717.2	128.0	12.761	8.468	33.6	15.315	41.8	12.187	0.260	1.490	80.1	1.512	17.4	0.081	1.435	86.8	1.437
248034.9	842716.3	128.0	13.002	8.112	32.0	15.325	40.5	12.195	0.377	1.350	74.4	1.402	21.1	0.348	1.298	75.0	1.344
248034.3	842715.5	128.0	13.202	7.752	30.4	15.310	38.9	12.183	0.605	1.198	63.2	1.342	23.3	0.617	1.148	61.7	1.304
248033.7	842714.7	128.0	13.349	7.393	29.0	15.259	37.3	12.143	0.852	1.038	50.6	1.344	22.6	0.880	0.992	48.4	1.326
248033.1	842713.9	128.0	13.431	7.038	27.7	15.164	35.8	12.067	1.094	0.878	38.8	1.402	19.5	1.128	0.834	36.5	1.403
248032.6	842713.1	128.0	13.439	6.691	26.5	15.012	34.3	11.947	1.315	0.721	28.7	1.500	15.6	1.352	0.679	26.7	1.513
248032.0	842712.2	128.0	13.364	6.352	25.4	14.796	32.9	11.775	1.507	0.570	20.7	1.611	12.1	1.547	0.531	18.9	1.635
248031.4	842711.4	128.0	13.199	6.021	24.5	14.508	31.6	11.545	1.663	0.430	14.5	1.718	9.5	1.705	0.391	12.9	1.749
248030.9	842710.6	128.0	12.941	5.699	23.8	14.141	30.5	11.253	1.779	0.303	9.7	1.804	7.5	1.823	0.262	8.2	1.842
248030.3	842709.8	128.0	12.589	5.384	23.2	13.692	29.6	10.896	1.851	0.192	5.9	1.861	6.1	1.899	0.146	4.4	1.905
248029.7	842709.0	128.0	12.145	5.076	22.7	13.163	28.8	10.475	1.881	0.109	3.3	1.884	5.0	1.933	0.043	1.3	1.933
248029.1	842708.1	128.0	11.614	4.773	22.3	12.557	28.1	9.992	1.870	0.088	2.7	1.872	4.3	1.927	-0.045	-1.3	1.928
248028.6	842707.3	128.0	11.006	4.474	22.1	11.880	27.5	9.454	1.822	0.128	4.0	1.827	3.8	1.886	-0.120	-3.6	1.890
248028.0	842706.5	128.0	10.330	4.178	22.0	11.143	27.1	8.867	1.745	0.178	5.8	1.754	3.5	1.816	-0.180	-5.7	1.825
248027.4	842705.7	128.0	9.599	3.884	22.0	10.355	26.8	8.240	1.643	0.220	7.6	1.658	3.2	1.722	-0.226	-7.5	1.737
248026.9	842704.9	128.0	8.827	3.591	22.1	9.529	26.6	7.583	1.525	0.251	9.3	1.545	3.0	1.613	-0.260	-9.2	1.634
248026.3	842704.0	128.0	8.027	3.301	22.4	8.680	26.5	6.907	1.397	0.271	11.0	1.423	2.8	1.494	-0.283	-10.7	1.521
248025.7	842703.2	128.0	7.215	3.014	22.7	7.819	26.6	6.222	1.265	0.281	12.5	1.296	2.7	1.372	-0.296	-12.2	1.403
248025.1	842702.4	128.0	6.404	2.733	23.1	6.963	26.9	5.541	1.135	0.283	14.0	1.170	2.5	1.251	-0.300	-13.5	1.286
248024.6	842701.6	128.0	5.609	2.462	23.7	6.126	27.6	4.875	1.010	0.279	15.4	1.048	2.4	1.136	-0.298	-14.7	1.174
248024.0	842700.8	128.0	4.847	2.207	24.5	5.326	28.8	4.238	0.895	0.269	16.7	0.935	2.2	1.030	-0.290	-15.7	1.070
248023.4	842699.9	128.0	4.138	1.976	25.5	4.585	30.8	3.649	0.791	0.256	17.9	0.831	2.1	0.935	-0.279	-16.6	0.976
248022.9	842699.1	128.0	3.507	1.781	26.9	3.933	33.8	3.130	0.699	0.240	19.0	0.739	2.0	0.853	-0.265	-17.3	0.893
248022.3	842698.3	128.0	2.991	1.636	28.7	3.409	37.9	2.713	0.621	0.224	19.9	0.660	1.9	0.783	-0.251	-17.8	0.823
248021.7	842697.5	128.0	2.637	1.554	30.5	3.060	42.5	2.435	0.555	0.208	20.6	0.593	1.9	0.727	-0.237	-18.1	0.765
248021.1	842696.7	128.0	2.489	1.543	31.8	2.928	45.9	2.330	0.503	0.194	21.1	0.539	2.0	0.684	-0.224	-18.2	0.719
248020.6	842695.8	128.0	2.555	1.601	32.1	3.016	46.7	2.400	0.463	0.181	21.4	0.497	2.2	0.652	-0.213	-18.1	0.687
248020.0	842695.0	128.0	2.797	1.719	31.6	3.283	45.1	2.613	0.434	0.171	21.6	0.466	2.4	0.633	-0.205	-17.9	0.665
248019.4	842694.2	128.0	3.153	1.881	30.8	3.671	42.6	2.921	0.415	0.164	21.6	0.446	2.6	0.624	-0.198	-17.6	0.655
248018.9	842693.4	128.0	3.570	2.073	30.1	4.128	40.1	3.285	0.405	0.159	21.5	0.435	2.7	0.625	-0.195	-17.3	0.654
248018.3	842692.5	128.0	4.017	2.282	29.6	4.620	37.9	3.676	0.404	0.158	21.3	0.433	2.8	0.634	-0.194	-17.0	0.663
248017.7	842691.7	128.0	4.471	2.501	29.2	5.123	36.1	4.077	0.409	0.159	21.2	0.439	2.9	0.652	-0.196	-16.7	0.681
248017.1	842690.9	128.0	4.921	2.724	29.0	5.625	34.7	4.476	0.421	0.162	21.1	0.451	2.9	0.677	-0.201	-16.5	0.706
248016.6	842690.1	128.0	5.360	2.947	28.8	6.117	33.5	4.868	0.438	0.168	21.0	0.469	3.0	0.708	-0.207	-16.3	0.738
248016.0	842689.3	128.0	5.786	3.167	28.7	6.596	32.6	5.249	0.459	0.177	21.0	0.492	3.0	0.745	-0.216	-16.2	0.776
248015.4	842688.4	128.0	6.195	3.382	28.6	7.058	31.9	5.617	0.484	0.187	21.1	0.519	3.1	0.787	-0.226	-16.0	0.819
248014.9	842687.6	128.0	6.588	3.592	28.6	7.504	31.3	5.971	0.512	0.198	21.2	0.549	3.2	0.834	-0.238	-16.0	0.867
248014.3	842686.8	128.0	6.964	3.795	28.6	7.931	30.8	6.312	0.543	0.211	21.3	0.583	3.3	0.885	-0.251	-15.9	0.920
248013.7	842686.0	128.0	7.325	3.991	28.6	8.342	30.4	6.638	0.576	0.225	21.4	0.619	3.5	0.939	-0.265	-15.8	0.976
248013.1	842685.2	128.0	7.670	4.181	28.6	8.735	30.1	6.951	0.611	0.240	21.5	0.656	3.6	0.997	-0.280	-15.7	1.036
248012.6	842684.3	128.0	8.001	4.364	28.6	9.113	29.8	7.252	0.647	0.256	21.6	0.696	3.8	1.059	-0.295	-15.6	1.099
248012.0	842683.5	128.0	8.318	4.540	28.6	9.476	29.6	7.541	0.685	0.272	21.6	0.737	3.9	1.123	-0.311	-15.5	1.165
248011.4	842682.7	128.0	8.624	4.710	28.6	9.826	29.4	7.819	0.723	0.288	21.7	0.778	4.0	1.189	-0.326	-15.3	1.233
248010.9	842681.9	128.0	8.919	4.874	28.7	10.164	29.2	8.088	0.762	0.304	21.7	0.821	4.2	1.258	-0.341	-15.2	1.303

Centerline results between structures [redacted]-8R and Gantry 2

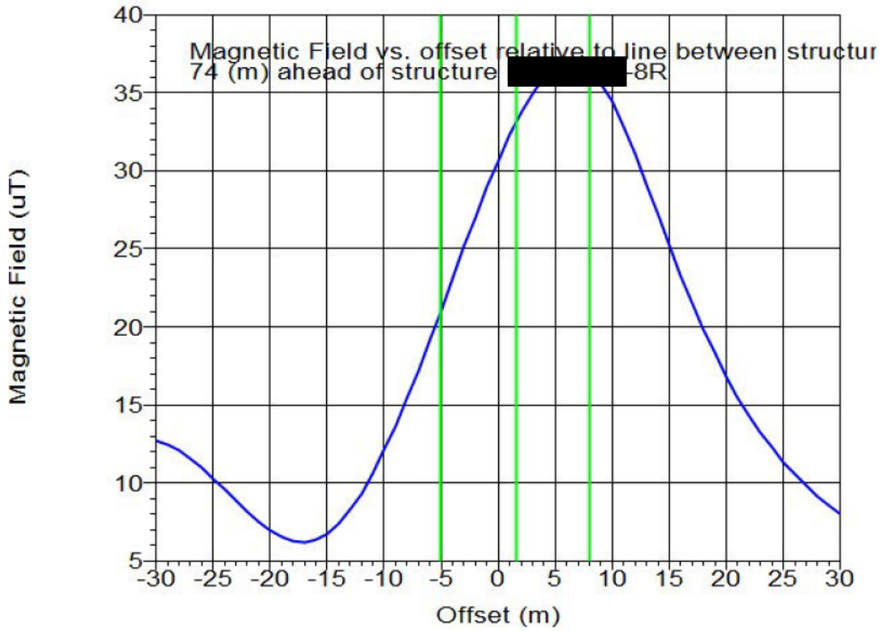
3D EMF Point Results Centerline from [redacted]-8R to Gantry 2:

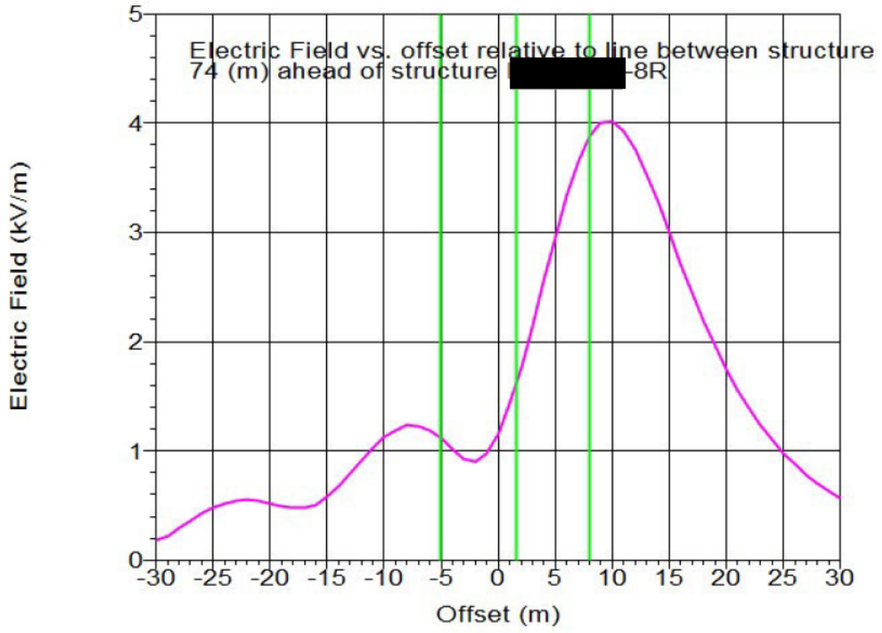
Measurement			B					H	EF					Space Potential				
X (m)	Y (m)	Z (m)	Real (uT)	Imaginary (uT)	Angle (deg)	Magnitude (uT)	Polarization Axial Ratio %	Magnitude (A/m)	Real (kV/m)	Imaginary (kV/m)	Angle (deg)	Magnitude (kV/m)	Polarization Axial Ratio %	Real (kV)	Imaginary (kV)	Angle (deg)	Magnitude (kV)	
248129.1	842899.9	128.0	8.342	5.762	34.6	10.138	8.6	8.068	0.110	0.386	74.1	0.402	18.2	0.064	0.349	79.7	0.354	
248129.6	842899.0	128.0	8.397	5.906	35.1	10.266	8.5	8.169	0.144	0.373	68.9	0.400	20.2	0.099	0.336	73.5	0.350	
248130.2	842898.2	128.0	8.455	6.060	35.6	10.402	8.3	8.278	0.178	0.362	63.9	0.404	21.9	0.133	0.326	67.8	0.352	
248130.7	842897.3	128.0	8.518	6.223	36.2	10.549	8.2	8.395	0.210	0.355	59.4	0.413	23.4	0.166	0.319	62.6	0.360	
248131.2	842896.5	128.0	8.592	6.397	36.7	10.712	8.1	8.524	0.240	0.350	55.6	0.425	24.8	0.196	0.315	58.0	0.371	
248131.8	842895.6	128.0	8.682	6.580	37.2	10.894	8.0	8.669	0.269	0.348	52.3	0.440	26.0	0.226	0.313	54.2	0.385	
248132.3	842894.8	128.0	8.794	6.773	37.6	11.100	8.0	8.833	0.295	0.348	49.7	0.456	27.2	0.253	0.312	51.0	0.402	
248132.9	842894.0	128.0	8.936	6.975	38.0	11.336	8.0	9.021	0.320	0.349	47.5	0.474	28.3	0.280	0.314	48.3	0.420	
248133.4	842893.1	128.0	9.115	7.186	38.2	11.607	8.1	9.237	0.344	0.352	45.7	0.492	29.3	0.305	0.316	46.0	0.439	
248133.9	842892.3	128.0	9.341	7.405	38.4	11.920	8.3	9.486	0.366	0.356	44.2	0.511	30.3	0.330	0.319	44.1	0.459	
248134.5	842891.4	128.0	9.620	7.634	38.4	12.281	8.5	9.773	0.388	0.360	42.9	0.529	31.2	0.353	0.323	42.4	0.479	
248135.0	842890.6	128.0	9.961	7.871	38.3	12.695	8.8	10.102	0.409	0.365	41.8	0.548	32.1	0.377	0.326	40.9	0.498	
248135.6	842889.8	128.0	10.367	8.116	38.1	13.166	9.1	10.477	0.429	0.369	40.7	0.566	32.9	0.399	0.329	39.5	0.518	
248136.1	842888.9	128.0	10.843	8.369	37.7	13.698	9.4	10.900	0.448	0.373	39.8	0.583	33.6	0.421	0.332	38.2	0.536	
248136.6	842888.1	128.0	11.389	8.632	37.2	14.291	9.6	11.372	0.467	0.376	38.9	0.600	34.4	0.442	0.334	37.1	0.554	
248137.2	842887.2	128.0	12.002	8.903	36.6	14.944	9.6	11.892	0.484	0.378	38.0	0.614	35.1	0.461	0.334	36.0	0.569	
248137.7	842886.4	128.0	12.677	9.184	35.9	15.654	9.5	12.457	0.499	0.379	37.2	0.627	35.9	0.478	0.334	34.9	0.583	
248138.3	842885.5	128.0	13.405	9.475	35.3	16.416	9.2	13.063	0.511	0.379	36.6	0.636	36.7	0.492	0.332	34.0	0.593	
248138.8	842884.7	128.0	14.176	9.775	34.6	17.220	8.7	13.703	0.520	0.378	36.0	0.643	37.7	0.502	0.329	33.2	0.600	
248139.3	842883.9	128.0	14.979	10.085	34.0	18.058	8.1	14.370	0.524	0.375	35.6	0.645	38.9	0.507	0.324	32.6	0.602	
248139.9	842883.0	128.0	15.801	10.404	33.4	18.918	7.4	15.055	0.524	0.371	35.3	0.642	40.4	0.507	0.319	32.1	0.599	
248140.4	842882.2	128.0	16.629	10.730	32.8	19.790	6.7	15.749	0.519	0.367	35.3	0.635	42.3	0.502	0.312	31.9	0.591	
248140.9	842881.3	128.0	17.451	11.064	32.4	20.663	5.9	16.443	0.507	0.361	35.4	0.623	44.8	0.489	0.304	31.9	0.576	

248141.5	842880.5	128.0	18.256	11.403	32.0	21.525	5.2	17.129	0.491	0.355	35.9	0.605	47.9	0.470	0.296	32.2	0.555
248142.0	842879.6	128.0	19.035	11.745	31.7	22.367	4.6	17.799	0.468	0.348	36.6	0.583	51.9	0.444	0.287	32.8	0.529
248142.6	842878.8	128.0	19.780	12.089	31.4	23.182	4.1	18.448	0.441	0.341	37.8	0.557	57.0	0.412	0.277	33.9	0.497
248143.1	842878.0	128.0	20.484	12.432	31.3	23.961	4.0	19.068	0.410	0.334	39.2	0.529	63.9	0.373	0.268	35.7	0.459
248143.6	842877.1	128.0	21.143	12.771	31.1	24.701	4.2	19.656	0.376	0.328	41.0	0.499	72.9	0.329	0.258	38.1	0.418
248144.2	842876.3	128.0	21.753	13.105	31.1	25.396	4.6	20.209	0.343	0.321	43.1	0.469	85.2	0.280	0.249	41.7	0.374
248144.7	842875.4	128.0	22.314	13.430	31.0	26.044	5.2	20.725	0.312	0.315	45.3	0.443	97.9	0.226	0.240	46.7	0.330
248145.3	842874.6	128.0	22.823	13.745	31.1	26.643	5.9	21.202	0.287	0.309	47.1	0.422	79.2	0.169	0.232	53.9	0.287
248145.8	842873.7	128.0	23.283	14.048	31.1	27.193	6.7	21.639	0.272	0.304	48.2	0.408	61.9	0.110	0.225	63.8	0.250
248146.3	842872.9	128.0	23.694	14.337	31.2	27.694	7.5	22.038	0.271	0.299	47.9	0.404	46.4	0.050	0.218	77.1	0.223
248146.9	842872.1	128.0	24.058	14.609	31.3	28.146	8.2	22.398	0.283	0.295	46.2	0.409	33.2	-0.011	0.212	-87.0	0.212
248147.4	842871.2	128.0	24.377	14.864	31.4	28.551	9.0	22.721	0.307	0.292	43.5	0.424	22.5	-0.072	0.206	-70.7	0.219
248147.9	842870.4	128.0	24.655	15.100	31.5	28.912	9.7	23.007	0.341	0.289	40.3	0.446	14.5	-0.132	0.202	-56.8	0.241
248148.5	842869.5	128.0	24.894	15.317	31.6	29.229	10.4	23.260	0.379	0.286	37.0	0.475	9.6	-0.190	0.198	-46.1	0.274
248149.0	842868.7	128.0	25.098	15.514	31.7	29.506	11.0	23.480	0.421	0.283	33.9	0.507	8.0	-0.246	0.194	-38.2	0.313
248149.6	842867.8	128.0	25.269	15.691	31.8	29.744	11.6	23.670	0.463	0.280	31.2	0.541	8.7	-0.300	0.190	-32.5	0.355
248150.1	842867.0	128.0	25.412	15.846	31.9	29.948	12.2	23.832	0.504	0.277	28.8	0.575	10.0	-0.350	0.187	-28.2	0.397
248150.6	842866.2	128.0	25.529	15.982	32.0	30.119	12.7	23.968	0.543	0.274	26.8	0.608	11.1	-0.397	0.184	-24.9	0.437
248151.2	842865.3	128.0	25.625	16.098	32.1	30.262	13.2	24.081	0.580	0.270	25.0	0.640	12.0	-0.440	0.180	-22.3	0.475
248151.7	842864.5	128.0	25.702	16.194	32.2	30.378	13.7	24.174	0.614	0.266	23.4	0.669	12.7	-0.479	0.176	-20.1	0.510
248152.3	842863.6	128.0	25.764	16.272	32.3	30.472	14.2	24.249	0.644	0.261	22.0	0.695	13.2	-0.514	0.170	-18.3	0.542
248152.8	842862.8	128.0	25.814	16.333	32.3	30.547	14.6	24.309	0.671	0.255	20.8	0.718	13.6	-0.545	0.164	-16.8	0.570
248153.3	842862.0	128.0	25.855	16.379	32.4	30.607	15.0	24.356	0.695	0.248	19.6	0.738	13.9	-0.573	0.157	-15.3	0.594
248153.9	842861.1	128.0	25.891	16.410	32.4	30.654	15.5	24.394	0.715	0.240	18.5	0.754	14.3	-0.596	0.148	-13.9	0.614
248154.4	842860.3	128.0	25.925	16.430	32.4	30.692	15.9	24.424	0.731	0.231	17.5	0.766	14.6	-0.616	0.137	-12.6	0.631
248155.0	842859.4	128.0	25.958	16.439	32.3	30.726	16.3	24.451	0.744	0.221	16.5	0.776	15.1	-0.632	0.125	-11.1	0.644
248155.5	842858.6	128.0	25.995	16.440	32.3	30.758	16.8	24.476	0.753	0.210	15.6	0.782	15.6	-0.645	0.110	-9.7	0.654
248156.0	842857.7	128.0	26.038	16.436	32.3	30.791	17.2	24.503	0.760	0.199	14.7	0.785	16.3	-0.654	0.093	-8.1	0.661
248156.6	842856.9	128.0	26.088	16.428	32.2	30.830	17.7	24.533	0.764	0.188	13.8	0.787	17.1	-0.661	0.074	-6.4	0.665
248157.1	842856.1	128.0	26.148	16.419	32.1	30.876	18.2	24.570	0.766	0.179	13.2	0.786	18.2	-0.665	0.052	-4.5	0.667
248157.6	842855.2	128.0	26.219	16.412	32.0	30.932	18.7	24.615	0.765	0.173	12.7	0.785	19.4	-0.667	0.028	-2.4	0.668
248158.2	842854.4	128.0	26.303	16.408	32.0	31.001	19.3	24.670	0.764	0.171	12.6	0.783	20.9	-0.667	0.002	-0.1	0.667
248158.7	842853.5	128.0	26.400	16.410	31.9	31.084	19.9	24.736	0.761	0.175	12.9	0.781	22.5	-0.666	-0.027	2.4	0.666
248159.3	842852.7	128.0	26.510	16.420	31.8	31.183	20.5	24.815	0.757	0.185	13.8	0.780	24.5	-0.663	-0.059	5.1	0.666
248159.8	842851.8	128.0	26.634	16.438	31.7	31.298	21.2	24.906	0.753	0.203	15.1	0.780	26.6	-0.660	-0.092	8.0	0.667
248160.3	842851.0	128.0	26.769	16.467	31.6	31.429	21.9	25.010	0.750	0.228	16.9	0.784	29.0	-0.657	-0.128	11.0	0.670
248160.9	842850.2	128.0	26.915	16.507	31.5	31.573	22.6	25.125	0.747	0.258	19.0	0.790	31.4	-0.654	-0.166	14.2	0.675
248161.4	842849.3	128.0	27.068	16.558	31.5	31.731	23.4	25.250	0.745	0.292	21.4	0.800	33.9	-0.652	-0.205	17.4	0.684
248162.0	842848.5	128.0	27.225	16.618	31.4	31.896	24.2	25.382	0.745	0.329	23.8	0.815	36.2	-0.652	-0.245	20.6	0.697
248162.5	842847.6	128.0	27.382	16.687	31.4	32.066	25.0	25.517	0.747	0.369	26.3	0.834	38.3	-0.654	-0.286	23.7	0.714
248163.0	842846.8	128.0	27.532	16.762	31.3	32.233	25.8	25.650	0.752	0.410	28.6	0.857	40.0	-0.658	-0.328	26.5	0.735
248163.6	842845.9	128.0	27.669	16.839	31.3	32.390	26.7	25.775	0.759	0.452	30.8	0.884	41.2	-0.665	-0.368	29.0	0.760
248164.1	842845.1	128.0	27.785	16.913	31.3	32.528	27.5	25.885	0.770	0.493	32.6	0.914	42.0	-0.676	-0.408	31.1	0.790
248164.7	842844.3	128.0	27.871	16.979	31.3	32.635	28.4	25.970	0.784	0.532	34.2	0.948	42.2	-0.691	-0.445	32.8	0.822
248165.2	842843.4	128.0	27.916	17.029	31.4	32.700	29.2	26.022	0.802	0.568	35.3	0.983	42.0	-0.710	-0.478	33.9	0.856
248165.7	842842.6	128.0	27.910	17.057	31.4	32.709	30.0	26.029	0.823	0.600	36.1	1.018	41.4	-0.734	-0.507	34.6	0.892
248166.3	842841.7	128.0	27.838	17.051	31.5	32.645	30.7	25.978	0.847	0.626	36.5	1.053	40.5	-0.762	-0.530	34.8	0.928
248166.8	842840.9	128.0	27.689	17.004	31.6	32.493	31.4	25.857	0.875	0.644	36.4	1.086	39.3	-0.793	-0.545	34.5	0.963
248167.3	842840.0	128.0	27.448	16.906	31.6	32.236	32.0	25.653	0.904	0.654	35.9	1.115	38.0	-0.827	-0.552	33.7	0.994
248167.9	842839.2	128.0	27.101	16.746	31.7	31.858	32.4	25.351	0.934	0.652	34.9	1.139	36.5	-0.861	-0.547	32.4	1.021
248168.4	842838.4	128.0	26.635	16.518	31.8	31.342	32.6	24.941	0.962	0.639	33.6	1.155	35.0	-0.895	-0.531	30.7	1.041
248169.0	842837.5	128.0	26.040	16.216	31.9	30.677	32.6	24.412	0.987	0.613	31.8	1.162	33.4	-0.925	-0.502	28.5	1.052
248169.5	842836.7	128.0	25.307	15.838	32.0	29.854	32.3	23.757	1.006	0.573	29.7	1.158	31.8	-0.948	-0.460	25.9	1.054
248170.0	842835.8	128.0	24.433	15.386	32.2	28.874	31.7	22.977	1.016	0.521	27.1	1.142	30.1	-0.962	-0.407	22.9	1.045
248170.6	842835.0	128.0	23.422	14.865	32.4	27.741	30.8	22.075	1.015	0.459	24.3	1.114	28.5	-0.965	-0.342	19.5	1.024
248171.1	842834.2	128.0	22.286	14.283	32.7	26.470	29.6	21.064	1.002	0.389	21.2	1.075	26.8	-0.955	-0.271	15.8	0.993
248171.7	842833.3	128.0	21.044	13.652	33.0	25.084	28.1	19.962	0.975	0.318	18.1	1.026	25.0	-0.932	-0.196	11.9	0.952
248172.2	842832.5	128.0	19.629	12.949	33.4	23.515	26.6	18.713	0.929	0.252	15.2	0.963	23.4	-0.889	-0.123	7.9	0.897
248172.7	842831.6	128.0	18.263	12.246	33.8	21.988	24.8	17.498	0.880	0.196	12.6	0.901	21.4	-0.842	-0.054	3.6	0.844
248173.3	842830.8	128.0	16.883	11.520	34.3	20.439	23.0	16.265	0.822	0.159	11.0	0.837	19.3	-0.787	0.008	-0.6	0.787
248173.8	842829.9	128.0	15.523	10.782	34.8	18.900	21.2	15.040	0.759	0.147	10.9	0.773	17.2	-0.726	0.060	-4.8	0.729
248174.4	842829.1	128.0	14.208	10.042	35.3	17.398	19.4	13.845	0.693	0.152	12.4	0.710	15.1	-0.663	0.101	-8.7	0.671

Max EF along centerline is 1.162 (kV/m) at 74.000 (m) from structure [redacted]-8R

Cross section results at max EF along centerline between structures [redacted]-8R and Gantry 2





3D EMF Point Results Span from [redacted]/[redacted]-8R to Gantry 2:

Measurement			B					H	EF					Space Potential			
X (m)	Y (m)	Z (m)	Real (uT)	Imaginary (uT)	Angle (deg)	Magnitude (uT)	Polarization Axial Ratio %	Magnitude (A/m)	Real (kV/m)	Imaginary (kV/m)	Angle (deg)	Magnitude (kV/m)	Polarization Axial Ratio %	Real (kV)	Imaginary (kV)	Angle (deg)	Magnitude (kV)
248194.2	842853.7	128.0	10.607	7.083	33.7	12.754	17.1	10.150	0.142	0.115	38.8	0.183	69.7	0.056	-0.164	-71.0	0.173
248193.4	842853.1	128.0	10.181	7.217	35.3	12.479	17.5	9.930	0.208	0.083	21.8	0.225	39.6	-0.021	-0.101	78.0	0.103
248192.6	842852.6	128.0	9.676	7.237	36.8	12.083	17.8	9.615	0.270	0.106	21.4	0.290	24.5	-0.089	-0.030	18.6	0.093
248191.7	842852.1	128.0	9.114	7.141	38.1	11.578	18.1	9.214	0.319	0.168	27.8	0.361	17.2	-0.142	0.045	-17.6	0.149
248190.9	842851.5	128.0	8.517	6.933	39.1	10.982	18.3	8.740	0.353	0.241	34.4	0.428	13.4	-0.180	0.120	-33.8	0.217
248190.0	842851.0	128.0	7.909	6.626	40.0	10.317	18.6	8.210	0.369	0.313	40.4	0.484	11.3	-0.200	0.191	-43.7	0.277
248189.2	842850.5	128.0	7.310	6.237	40.5	9.610	18.9	7.647	0.365	0.378	46.0	0.525	10.4	-0.202	0.255	-51.6	0.325
248188.3	842849.9	128.0	6.744	5.791	40.7	8.889	19.2	7.074	0.341	0.430	51.6	0.549	10.3	-0.184	0.307	-59.1	0.358
248187.5	842849.4	128.0	6.231	5.311	40.4	8.187	19.6	6.515	0.298	0.468	57.5	0.555	11.0	-0.147	0.345	-66.9	0.375

248186.7	842848.8	128.0	5.795	4.821	39.8	7.538	19.9	5.999	0.239	0.490	64.0	0.545	12.7	-0.092	0.368	-76.0	0.379
248185.8	842848.3	128.0	5.460	4.344	38.5	6.977	20.3	5.552	0.167	0.496	71.3	0.523	15.5	-0.019	0.376	-87.0	0.376
248185.0	842847.8	128.0	5.253	3.899	36.6	6.542	20.4	5.206	0.107	0.485	77.6	0.496	19.5	0.069	0.368	79.5	0.375
248184.1	842847.2	128.0	5.200	3.506	34.0	6.272	19.8	4.991	0.130	0.459	74.2	0.477	24.2	0.170	0.346	63.8	0.386
248183.3	842846.7	128.0	5.323	3.186	30.9	6.203	18.3	4.936	0.230	0.419	61.2	0.478	27.0	0.283	0.311	47.6	0.420
248182.4	842846.1	128.0	5.634	2.960	27.7	6.364	15.9	5.064	0.357	0.366	45.7	0.512	25.7	0.405	0.263	33.0	0.483
248181.6	842845.6	128.0	6.136	2.852	24.9	6.766	13.0	5.384	0.495	0.303	31.5	0.580	21.3	0.532	0.204	21.0	0.570
248180.8	842845.1	128.0	6.825	2.879	22.9	7.407	10.9	5.894	0.636	0.232	20.0	0.677	16.6	0.660	0.135	11.5	0.674
248179.9	842844.5	128.0	7.692	3.049	21.6	8.274	10.5	6.584	0.775	0.157	11.5	0.791	12.9	0.785	0.057	4.1	0.787
248179.1	842844.0	128.0	8.727	3.360	21.1	9.351	11.5	7.441	0.904	0.099	6.2	0.910	10.4	0.900	-0.029	-1.9	0.900
248178.2	842843.4	128.0	9.917	3.801	21.0	10.621	13.4	8.452	1.017	0.116	6.5	1.024	9.0	0.998	-0.123	-7.0	1.005
248177.4	842842.9	128.0	11.249	4.364	21.2	12.066	15.5	9.602	1.103	0.202	10.4	1.122	8.3	1.070	-0.223	-11.8	1.093
248176.5	842842.4	128.0	12.702	5.045	21.7	13.667	17.7	10.876	1.154	0.307	14.9	1.194	8.4	1.106	-0.327	-16.5	1.154
248175.7	842841.8	128.0	14.252	5.842	22.3	15.403	19.8	12.258	1.159	0.420	19.9	1.233	9.1	1.098	-0.433	-21.5	1.181
248174.9	842841.3	128.0	15.869	6.757	23.1	17.247	22.0	13.725	1.110	0.534	25.7	1.231	10.7	1.037	-0.538	-27.4	1.168
248174.0	842840.8	128.0	17.515	7.793	24.0	19.171	24.0	15.256	1.002	0.641	32.6	1.189	13.5	0.916	-0.636	-34.7	1.115
248173.2	842840.2	128.0	19.155	8.949	25.0	21.142	26.1	16.824	0.834	0.735	41.4	1.112	18.0	0.733	-0.718	-44.4	1.026
248172.3	842839.7	128.0	20.748	10.224	26.2	23.131	28.0	18.407	0.619	0.805	52.4	1.016	25.0	0.488	-0.775	-57.8	0.916
248171.5	842839.1	128.0	22.261	11.608	27.5	25.106	29.7	19.979	0.406	0.840	64.2	0.932	34.9	0.187	-0.796	-76.7	0.817
248170.6	842838.6	128.0	23.663	13.087	28.9	27.040	31.1	21.518	0.376	0.825	65.5	0.906	43.7	-0.158	-0.765	78.4	0.781
248169.8	842838.1	128.0	24.929	14.634	30.4	28.906	32.1	23.003	0.630	0.751	50.0	0.980	42.2	-0.534	-0.671	51.5	0.857
248169.0	842837.5	128.0	26.040	16.216	31.9	30.677	32.6	24.412	0.987	0.613	31.8	1.162	33.4	-0.925	-0.502	28.5	1.052
248168.1	842837.0	128.0	26.984	17.791	33.4	32.321	32.4	25.720	1.366	0.433	17.6	1.433	25.4	-1.314	-0.253	10.9	1.339
248167.3	842836.4	128.0	27.749	19.306	34.8	33.804	31.6	26.901	1.736	0.349	11.4	1.771	19.7	-1.687	0.074	-2.5	1.689
248166.4	842835.9	128.0	28.218	20.660	36.2	34.972	30.3	27.830	2.071	0.568	15.3	2.147	15.6	-2.021	0.466	-13.0	2.074
248165.6	842835.4	128.0	28.591	21.873	37.4	35.999	28.4	28.647	2.370	0.956	22.0	2.556	12.4	-2.320	0.904	-21.3	2.490
248164.8	842834.8	128.0	28.747	22.844	38.5	36.718	26.3	29.219	2.617	1.391	28.0	2.964	9.8	-2.565	1.357	-27.9	2.902
248163.9	842834.3	128.0	28.665	23.516	39.4	37.077	24.0	29.505	2.802	1.817	33.0	3.340	7.7	-2.749	1.791	-33.1	3.280
248163.1	842833.8	128.0	28.330	23.846	40.1	37.030	21.7	29.468	2.920	2.195	36.9	3.653	6.0	-2.866	2.171	-37.1	3.595
248162.2	842833.2	128.0	27.737	23.813	40.6	36.557	19.4	29.091	2.970	2.494	40.0	3.878	4.6	-2.915	2.470	-40.3	3.821
248161.4	842832.7	128.0	26.897	23.424	41.1	35.667	17.3	28.383	2.953	2.696	42.4	3.998	3.5	-2.900	2.672	-42.7	3.943
248160.5	842832.1	128.0	25.837	22.713	41.3	34.401	15.4	27.376	2.876	2.796	44.2	4.011	2.6	-2.825	2.772	-44.5	3.958
248159.7	842831.6	128.0	24.603	21.738	41.5	32.830	13.7	26.126	2.750	2.801	45.5	3.926	1.9	-2.702	2.778	-45.8	3.876
248158.9	842831.1	128.0	23.246	20.569	41.5	31.039	12.2	24.700	2.588	2.727	46.5	3.760	1.4	-2.544	2.704	-46.8	3.713
248158.0	842830.5	128.0	21.821	19.277	41.5	29.116	10.9	23.170	2.403	2.593	47.2	3.535	1.0	-2.362	2.571	-47.4	3.492
248157.2	842830.0	128.0	20.378	17.927	41.3	27.141	9.8	21.598	2.207	2.419	47.6	3.275	0.7	-2.170	2.399	-47.9	3.234
248156.3	842829.4	128.0	18.956	16.575	41.2	25.180	8.8	20.038	2.009	2.224	47.9	2.997	0.5	-1.975	2.204	-48.1	2.959
248155.5	842828.9	128.0	17.586	15.259	40.9	23.283	8.0	18.528	1.816	2.022	48.1	2.717	0.3	-1.785	2.002	-48.3	2.682
248154.6	842828.4	128.0	16.287	14.007	40.7	21.482	7.3	17.095	1.634	1.822	48.1	2.447	0.3	-1.605	1.803	-48.3	2.414
248153.8	842827.8	128.0	15.072	12.836	40.4	19.797	6.7	15.754	1.465	1.632	48.1	2.193	0.3	-1.438	1.613	-48.3	2.161
248153.0	842827.3	128.0	13.946	11.754	40.1	18.238	6.2	14.513	1.310	1.456	48.0	1.959	0.4	-1.286	1.437	-48.2	1.928
248152.1	842826.7	128.0	12.908	10.762	39.8	16.806	5.8	13.374	1.170	1.296	47.9	1.746	0.4	-1.148	1.277	-48.0	1.717
248151.3	842826.2	128.0	11.956	9.859	39.5	15.497	5.5	12.332	1.045	1.152	47.8	1.555	0.4	-1.024	1.132	-47.9	1.526
248150.4	842825.7	128.0	11.087	9.041	39.2	14.306	5.3	11.384	0.933	1.023	47.6	1.384	0.4	-0.913	1.003	-47.7	1.356
248149.6	842825.1	128.0	10.293	8.302	38.9	13.224	5.1	10.523	0.833	0.909	47.5	1.233	0.4	-0.815	0.889	-47.5	1.206
248148.7	842824.6	128.0	9.570	7.634	38.6	12.242	4.9	9.742	0.745	0.809	47.4	1.099	0.4	-0.727	0.788	-47.3	1.073
248147.9	842824.1	128.0	8.911	7.032	38.3	11.351	4.8	9.033	0.666	0.720	47.2	0.981	0.4	-0.650	0.700	-47.1	0.955
248147.1	842823.5	128.0	8.310	6.489	38.0	10.543	4.7	8.390	0.597	0.643	47.1	0.877	0.4	-0.582	0.622	-46.9	0.851
248146.2	842823.0	128.0	7.762	5.999	37.7	9.810	4.7	7.807	0.535	0.575	47.0	0.785	0.4	-0.521	0.553	-46.7	0.760
248145.4	842822.4	128.0	7.262	5.556	37.4	9.144	4.6	7.276	0.481	0.515	46.9	0.704	0.3	-0.467	0.493	-46.6	0.679
248144.5	842821.9	128.0	6.804	5.156	37.2	8.537	4.6	6.794	0.432	0.462	46.9	0.633	0.3	-0.419	0.440	-46.4	0.608
248143.7	842821.4	128.0	6.385	4.794	36.9	7.984	4.6	6.354	0.389	0.416	46.9	0.569	0.3	-0.377	0.394	-46.3	0.545

Centerline results between structures [redacted]-8A and Gantry 3

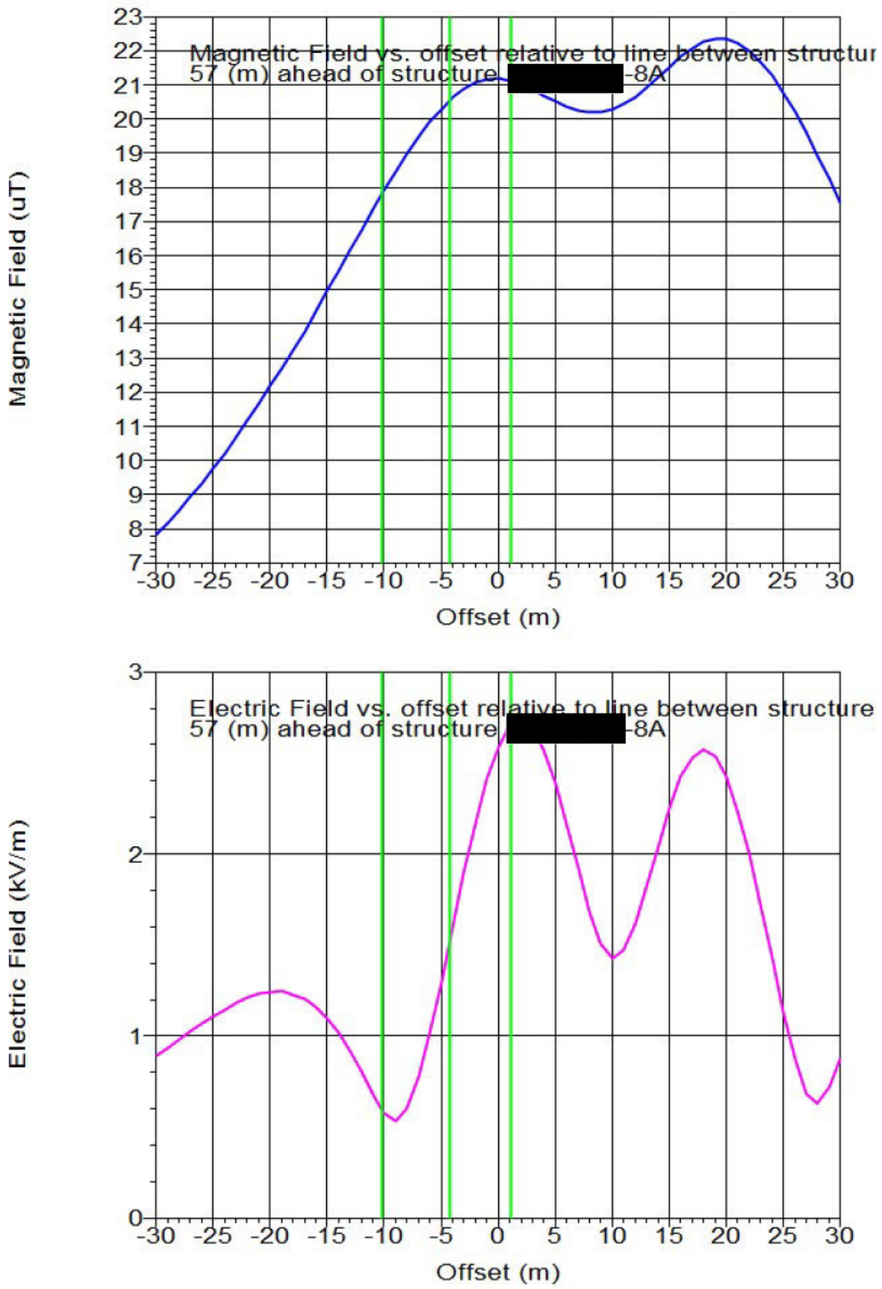
3D EMF Point Results Centerline from [redacted]-8A to Gantry 3:

Measurement			B					H	EF					Space Potential				
X (m)	Y (m)	Z (m)	Real (uT)	Imaginary (uT)	Angle (deg)	Magnitude (uT)	Polarization Axial Ratio %	Magnitude (A/m)	Real (kV/m)	Imaginary (kV/m)	Angle (deg)	Magnitude (kV/m)	Polarization Axial Ratio %	Real (kV)	Imaginary (kV)	Angle (deg)	Magnitude (kV)	
247997.6	842727.6	128.0	5.359	3.743	34.9	6.537	17.3	5.202	0.129	0.530	76.3	0.545	8.9	-0.090	0.470	-79.1	0.479	
247998.6	842727.4	128.0	5.031	3.586	35.5	6.178	19.0	4.917	0.092	0.522	80.0	0.530	9.6	-0.044	0.464	-84.6	0.466	
247999.6	842727.3	128.0	4.677	3.429	36.2	5.799	21.3	4.615	0.064	0.519	83.0	0.522	10.3	0.001	0.461	89.9	0.461	
248000.6	842727.1	128.0	4.296	3.275	37.3	5.402	24.4	4.299	0.056	0.518	83.8	0.521	10.8	0.044	0.462	84.5	0.464	
248001.6	842726.9	128.0	3.890	3.132	38.8	4.994	28.5	3.974	0.073	0.522	82.0	0.527	11.2	0.086	0.466	79.6	0.474	
248002.5	842726.7	128.0	3.459	3.005	41.0	4.582	33.8	3.646	0.101	0.530	79.2	0.539	11.5	0.125	0.474	75.2	0.490	
248003.5	842726.5	128.0	3.005	2.904	44.0	4.178	40.3	3.325	0.132	0.542	76.3	0.557	11.8	0.162	0.486	71.5	0.512	
248004.5	842726.3	128.0	2.530	2.835	48.3	3.800	47.7	3.024	0.163	0.557	73.7	0.580	12.2	0.197	0.501	68.5	0.539	
248005.5	842726.1	128.0	2.038	2.806	54.0	3.468	52.9	2.760	0.192	0.577	71.6	0.608	12.5	0.230	0.520	66.2	0.569	
248006.5	842725.9	128.0	1.535	2.823	61.5	3.213	49.7	2.557	0.220	0.599	69.9	0.638	12.9	0.260	0.543	64.4	0.602	
248007.5	842725.7	128.0	1.039	2.886	70.2	3.068	36.0	2.441	0.245	0.626	68.6	0.672	13.2	0.288	0.568	63.1	0.637	
248008.4	842725.5	128.0	0.617	2.995	78.4	3.058	17.8	2.434	0.269	0.655	67.7	0.708	13.5	0.313	0.597	62.3	0.674	
248009.4	842725.3	128.0	0.556	3.145	80.0	3.194	5.4	2.542	0.290	0.686	67.1	0.745	13.8	0.335	0.628	61.9	0.712	
248010.4	842725.1	128.0	0.950	3.330	74.1	3.463	20.1	2.756	0.308	0.720	66.9	0.783	14.1	0.354	0.661	61.8	0.750	
248011.4	842724.9	128.0	1.477	3.541	67.4	3.837	35.8	3.054	0.323	0.756	66.9	0.822	14.4	0.370	0.696	62.0	0.788	
248012.4	842724.8	128.0	2.038	3.773	61.6	4.288	49.9	3.413	0.335	0.793	67.1	0.861	14.6	0.382	0.733	62.5	0.826	
248013.3	842724.6	128.0	2.609	4.018	57.0	4.791	62.4	3.812	0.344	0.832	67.5	0.900	14.8	0.390	0.770	63.1	0.864	
248014.3	842724.4	128.0	3.179	4.271	53.3	5.324	73.4	4.237	0.349	0.871	68.1	0.939	15.0	0.395	0.809	64.0	0.900	
248015.3	842724.2	128.0	3.744	4.528	50.4	5.875	82.6	4.675	0.351	0.911	68.9	0.976	15.2	0.395	0.848	65.0	0.936	
248016.3	842724.0	128.0	4.298	4.785	48.1	6.432	88.7	5.118	0.348	0.952	69.9	1.013	15.3	0.391	0.888	66.2	0.970	
248017.3	842723.8	128.0	4.839	5.040	46.2	6.987	88.8	5.560	0.341	0.992	71.0	1.049	15.4	0.382	0.928	67.6	1.004	
248018.2	842723.6	128.0	5.363	5.291	44.6	7.534	84.8	5.995	0.331	1.033	72.2	1.084	15.4	0.368	0.968	69.2	1.036	
248019.2	842723.4	128.0	5.868	5.537	43.3	8.068	80.3	6.420	0.316	1.073	73.6	1.119	15.5	0.350	1.008	70.9	1.067	

248020.2	842723.2	128.0	6.354	5.777	42.3	8.587	76.0	6.834	0.298	1.114	75.0	1.153	15.4	0.326	1.049	72.7	1.098
248021.2	842723.0	128.0	6.818	6.012	41.4	9.090	72.3	7.233	0.277	1.154	76.5	1.187	15.3	0.298	1.089	74.7	1.129
248022.2	842722.8	128.0	7.260	6.241	40.7	9.574	68.9	7.618	0.253	1.195	78.0	1.221	15.2	0.265	1.129	76.8	1.160
248023.2	842722.6	128.0	7.680	6.464	40.1	10.039	66.0	7.988	0.230	1.235	79.5	1.256	15.0	0.227	1.169	79.0	1.191
248024.1	842722.4	128.0	8.079	6.684	39.6	10.485	63.3	8.344	0.209	1.275	80.7	1.292	14.7	0.185	1.209	81.3	1.223
248025.1	842722.3	128.0	8.456	6.899	39.2	10.913	60.9	8.684	0.194	1.315	81.6	1.329	14.4	0.138	1.249	83.7	1.256
248026.1	842722.1	128.0	8.813	7.110	38.9	11.324	58.8	9.011	0.190	1.354	82.0	1.368	14.0	0.087	1.289	86.1	1.292
248027.1	842721.9	128.0	9.150	7.320	38.7	11.718	56.8	9.325	0.201	1.394	81.8	1.408	13.6	0.033	1.328	88.6	1.329
248028.1	842721.7	128.0	9.469	7.527	38.5	12.097	55.0	9.626	0.227	1.433	81.0	1.451	13.1	-0.025	1.368	-88.9	1.368
248029.0	842721.5	128.0	9.772	7.734	38.4	12.462	53.4	9.917	0.267	1.472	79.7	1.496	12.6	-0.086	1.407	-86.5	1.410
248030.0	842721.3	128.0	10.058	7.940	38.3	12.814	51.9	10.197	0.316	1.511	78.2	1.544	12.0	-0.150	1.446	-84.1	1.454
248031.0	842721.1	128.0	10.330	8.147	38.3	13.156	50.6	10.469	0.371	1.549	76.5	1.593	11.4	-0.216	1.485	-81.7	1.501
248032.0	842720.9	128.0	10.588	8.355	38.3	13.488	49.3	10.733	0.433	1.587	74.8	1.645	10.9	-0.285	1.523	-79.4	1.550
248033.0	842720.7	128.0	10.836	8.564	38.3	13.812	48.2	10.991	0.498	1.624	73.0	1.699	10.3	-0.355	1.561	-77.2	1.601
248033.9	842720.5	128.0	11.072	8.777	38.4	14.129	47.2	11.244	0.566	1.660	71.2	1.754	9.7	-0.427	1.598	-75.0	1.654
248034.9	842720.3	128.0	11.300	8.993	38.5	14.442	46.2	11.492	0.636	1.696	69.4	1.811	9.2	-0.500	1.634	-73.0	1.709
248035.9	842720.1	128.0	11.520	9.212	38.6	14.751	45.3	11.738	0.707	1.730	67.8	1.869	8.7	-0.574	1.668	-71.0	1.764
248036.9	842719.9	128.0	11.734	9.436	38.8	15.058	44.5	11.983	0.780	1.762	66.1	1.927	8.2	-0.649	1.702	-69.1	1.821
248037.9	842719.8	128.0	11.943	9.665	39.0	15.365	43.7	12.227	0.853	1.793	64.5	1.986	7.8	-0.723	1.734	-67.4	1.879
248038.9	842719.6	128.0	12.149	9.900	39.2	15.672	43.0	12.472	0.927	1.822	63.0	2.044	7.4	-0.798	1.764	-65.7	1.936
248039.8	842719.4	128.0	12.353	10.141	39.4	15.982	42.4	12.718	1.000	1.849	61.6	2.102	7.0	-0.872	1.792	-64.0	1.993
248040.8	842719.2	128.0	12.555	10.389	39.6	16.296	41.8	12.968	1.073	1.873	60.2	2.159	6.7	-0.946	1.817	-62.5	2.049
248041.8	842719.0	128.0	12.759	10.644	39.8	16.615	41.2	13.222	1.144	1.895	58.9	2.214	6.4	-1.019	1.840	-61.0	2.103
248042.8	842718.8	128.0	12.964	10.906	40.1	16.941	40.7	13.481	1.215	1.913	57.6	2.267	6.2	-1.090	1.860	-59.6	2.156
248043.8	842718.6	128.0	13.172	11.175	40.3	17.274	40.2	13.746	1.284	1.929	56.3	2.317	6.0	-1.160	1.877	-58.3	2.206
248044.7	842718.4	128.0	13.385	11.453	40.6	17.616	39.7	14.018	1.351	1.940	55.1	2.364	5.8	-1.228	1.890	-57.0	2.254
248045.7	842718.2	128.0	13.603	11.738	40.8	17.968	39.3	14.298	1.417	1.948	54.0	2.408	5.7	-1.295	1.899	-55.7	2.298
248046.7	842718.0	128.0	13.828	12.032	41.0	18.330	38.8	14.587	1.480	1.951	52.8	2.449	5.6	-1.359	1.904	-54.5	2.339
248047.7	842717.8	128.0	14.061	12.333	41.3	18.703	38.4	14.884	1.540	1.949	51.7	2.484	5.6	-1.421	1.904	-53.3	2.376
248048.7	842717.6	128.0	14.303	12.641	41.5	19.089	38.1	15.190	1.598	1.943	50.6	2.516	5.6	-1.480	1.900	-52.1	2.408
248049.7	842717.4	128.0	14.555	12.956	41.7	19.486	37.7	15.506	1.653	1.932	49.5	2.542	5.6	-1.536	1.890	-50.9	2.436
248050.6	842717.3	128.0	14.816	13.277	41.9	19.895	37.4	15.832	1.704	1.915	48.3	2.563	5.7	-1.589	1.876	-49.7	2.458
248051.6	842717.1	128.0	15.088	13.603	42.0	20.315	37.1	16.166	1.752	1.892	47.2	2.579	5.8	-1.639	1.855	-48.5	2.475
248052.6	842716.9	128.0	15.372	13.933	42.2	20.746	36.8	16.509	1.796	1.863	46.1	2.588	5.9	-1.685	1.828	-47.3	2.486
248053.6	842716.7	128.0	15.665	14.265	42.3	21.187	36.6	16.860	1.837	1.828	44.9	2.592	6.1	-1.727	1.795	-46.1	2.491
248054.6	842716.5	128.0	15.969	14.597	42.4	21.636	36.3	17.217	1.873	1.787	43.7	2.589	6.4	-1.765	1.756	-44.8	2.490
248055.5	842716.3	128.0	16.282	14.929	42.5	22.090	36.2	17.579	1.905	1.739	42.4	2.579	6.7	-1.799	1.710	-43.5	2.482
248056.5	842716.1	128.0	16.603	15.256	42.6	22.548	36.0	17.943	1.932	1.685	41.1	2.563	7.0	-1.829	1.656	-42.2	2.468
248057.5	842715.9	128.0	16.929	15.576	42.6	23.005	35.9	18.306	1.954	1.623	39.7	2.540	7.4	-1.854	1.596	-40.7	2.446
248058.5	842715.7	128.0	17.258	15.886	42.6	23.457	35.9	18.666	1.971	1.555	38.3	2.511	7.9	-1.873	1.529	-39.2	2.417
248059.5	842715.5	128.0	17.586	16.183	42.6	23.899	35.9	19.018	1.982	1.480	36.7	2.474	8.4	-1.887	1.454	-37.6	2.382
248060.4	842715.3	128.0	17.909	16.462	42.6	24.326	36.0	19.358	1.988	1.398	35.1	2.430	9.1	-1.894	1.371	-35.9	2.338
248061.4	842715.1	128.0	18.222	16.719	42.5	24.730	36.1	19.680	1.986	1.309	33.4	2.379	9.8	-1.895	1.281	-34.0	2.288
248062.4	842714.9	128.0	18.518	16.950	42.5	25.104	36.3	19.977	1.978	1.213	31.5	2.320	10.7	-1.889	1.183	-32.0	2.229
248063.4	842714.8	128.0	18.790	17.149	42.4	25.439	36.5	20.244	1.962	1.112	29.5	2.255	11.6	-1.876	1.077	-29.9	2.163
248064.4	842714.6	128.0	19.030	17.311	42.3	25.726	36.9	20.472	1.937	1.005	27.4	2.183	12.7	-1.853	0.964	-27.5	2.089
248065.4	842714.4	128.0	19.229	17.430	42.2	25.953	37.3	20.653	1.904	0.894	25.2	2.103	14.1	-1.822	0.843	-24.8	2.007
248066.3	842714.2	128.0	19.378	17.500	42.1	26.111	37.7	20.778	1.860	0.781	22.8	2.018	15.6	-1.780	0.715	-21.9	1.918
248067.3	842714.0	128.0	19.466	17.516	42.0	26.187	38.2	20.839	1.806	0.669	20.3	1.925	17.3	-1.727	0.581	-18.6	1.822
248068.3	842713.8	128.0	19.484	17.473	41.9	26.171	38.8	20.826	1.739	0.563	17.9	1.828	19.4	-1.661	0.441	-14.9	1.719
248069.3	842713.6	128.0	19.422	17.365	41.8	26.053	39.4	20.732	1.660	0.473	15.9	1.726	21.7	-1.583	0.296	-10.6	1.610
248070.3	842713.4	128.0	19.275	17.186	41.7	25.824	40.0	20.550	1.567	0.414	14.8	1.621	24.4	-1.490	0.149	-5.7	1.498
248071.2	842713.2	128.0	19.036	16.934	41.7	25.478	40.6	20.275	1.461	0.402	15.4	1.515	27.5	-1.383	0.002	-0.1	1.383
248072.2	842713.0	128.0	18.707	16.604	41.6	25.013	41.0	19.904	1.340	0.438	18.1	1.410	30.8	-1.262	-0.142	6.4	1.270
248073.2	842712.8	128.0	18.291	16.191	41.5	24.427	41.3	19.439	1.207	0.509	22.8	1.310	34.3	-1.127	-0.279	13.9	1.161
248074.2	842712.6	128.0	17.798	15.691	41.4	23.727	41.3	18.881	1.062	0.592	29.1	1.216	37.5	-0.980	-0.405	22.5	1.060
248075.2	842712.4	128.0	17.242	15.099	41.2	22.918	41.0	18.238	0.909	0.674	36.6	1.131	40.1	-0.822	-0.516	32.1	0.971
248076.1	842712.3	128.0	16.639	14.414	40.9	22.014	40.2	17.518	0.751	0.744	44.7	1.058	41.4	-0.658	-0.607	42.7	0.895
248077.1	842712.1	128.0	16.006	13.636	40.4	21.027	39.0	16.733	0.595	0.797	53.2	0.995	41.0	-0.491	-0.676	54.0	0.835
248078.1	842711.9	128.0	15.357	12.775	39.8	19.976	37.4	15.896	0.451	0.828	61.4	0.942	39.1	-0.326	-0.720	65.7	0.790
248079.1	842711.7	128.0	14.699	11.846	38.9	18.879	35.3	15.023	0.332	0.836	68.3	0.900	36.0	-0.167	-0.740	77.3	0.758
248080.1	842711.5	128.0	14.035	10.874	37.8	17.755	33.0	14.129	0.265	0.823	72.2	0.865	32.1	-0.021	-0.738	88.4	0.738
248081.1	842711.3	128.0	13.344	9.871	36.5	16.598	30.5	13.208	0.270	0.794	71.2	0.839	27.9	0.115	-0.718	-80.9	0.727
248082.0	842711.1	128.0	12.663	8.897	35.1	15.476	27.8	12.315	0.321	0.749	66.8	0.816	23.8	0.227	-0.683	-71.6	0.720
248083.0	842710.9	128.0	11.967	7.964	33.6	14.375	25.3	11.439	0.383	0.696	61.1	0.794	20.1	0.319	-0.638	-63.4	0.713
248084.0	842710.7	128.0	11.259	7.091	32.2	13.305	22.8	10.588	0.438	0.637	55.5	0.773	16.7	0.391	-0.587	-56.4	0.706

Max EF along centerline is 2.592 (kV/m) at 57.000 (m) from structure [redacted]-8A

Cross section results at max EF along centerline between structures [redacted]-8A and Gantry 3



3D EMF Point Results Span from [redacted]-8A to Gantry 3:

Measurement			B					H	EF					Space Potential			
X (m)	Y (m)	Z (m)	Real (uT)	Imaginary (uT)	Angle (deg)	Magnitude (uT)	Polarization Axial Ratio %	Magnitude (A/m)	Real (kV/m)	Imaginary (kV/m)	Angle (deg)	Magnitude (kV/m)	Polarization Axial Ratio %	Real (kV)	Imaginary (kV)	Angle (deg)	Magnitude (kV)
248059.3	842746.1	128.0	6.908	3.695	28.1	7.834	10.9	6.234	0.848	0.287	18.7	0.895	0.7	0.843	-0.286	-18.7	0.890
248059.2	842745.1	128.0	7.202	3.885	28.3	8.183	11.5	6.512	0.886	0.308	19.1	0.938	0.8	0.880	-0.305	-19.1	0.931
248059.0	842744.2	128.0	7.510	4.088	28.6	8.551	12.2	6.804	0.925	0.330	19.6	0.982	0.9	0.916	-0.326	-19.6	0.973
248058.8	842743.2	128.0	7.832	4.304	28.8	8.937	13.0	7.111	0.962	0.353	20.2	1.025	1.0	0.952	-0.348	-20.1	1.014
248058.6	842742.2	128.0	8.166	4.536	29.1	9.342	13.8	7.434	0.998	0.379	20.8	1.068	1.1	0.986	-0.372	-20.7	1.054
248058.4	842741.2	128.0	8.514	4.784	29.3	9.766	14.6	7.772	1.032	0.406	21.5	1.109	1.3	1.017	-0.397	-21.3	1.092
248058.2	842740.2	128.0	8.874	5.049	29.6	10.210	15.5	8.125	1.061	0.434	22.2	1.147	1.4	1.045	-0.424	-22.1	1.128
248058.0	842739.2	128.0	9.246	5.333	30.0	10.674	16.4	8.494	1.086	0.464	23.1	1.181	1.7	1.068	-0.452	-22.9	1.159
248057.8	842738.3	128.0	9.629	5.636	30.3	11.157	17.4	8.878	1.104	0.495	24.2	1.210	1.9	1.084	-0.481	-23.9	1.186

248057.6	842737.3	128.0	10.020	5.959	30.7	11.658	18.5	9.277	1.113	0.527	25.4	1.232	2.2	1.091	-0.511	-25.1	1.205
248057.4	842736.3	128.0	10.419	6.305	31.2	12.178	19.6	9.691	1.111	0.560	26.7	1.244	2.6	1.088	-0.540	-26.4	1.215
248057.2	842735.3	128.0	10.822	6.673	31.7	12.714	20.7	10.117	1.097	0.592	28.3	1.246	3.0	1.073	-0.569	-28.0	1.214
248057.0	842734.3	128.0	11.191	7.033	32.1	13.218	21.9	10.518	1.062	0.620	30.3	1.230	3.6	1.037	-0.595	-29.9	1.196
248056.8	842733.4	128.0	11.604	7.454	32.7	13.792	23.2	10.975	1.015	0.648	32.5	1.204	4.3	0.989	-0.619	-32.1	1.167
248056.7	842732.4	128.0	12.011	7.900	33.3	14.376	24.4	11.440	0.948	0.670	35.2	1.161	5.2	0.921	-0.638	-34.7	1.121
248056.5	842731.4	128.0	12.410	8.371	34.0	14.969	25.7	11.912	0.860	0.685	38.5	1.099	6.4	0.832	-0.650	-38.0	1.055
248056.3	842730.4	128.0	12.796	8.865	34.7	15.567	27.0	12.388	0.749	0.690	42.6	1.018	8.2	0.719	-0.650	-42.1	0.969
248056.1	842729.4	128.0	13.165	9.380	35.5	16.165	28.3	12.864	0.617	0.680	47.8	0.918	11.0	0.582	-0.637	-47.6	0.863
248055.9	842728.5	128.0	13.513	9.913	36.3	16.759	29.6	13.337	0.467	0.653	54.5	0.803	15.7	0.421	-0.605	-55.2	0.737
248055.7	842727.5	128.0	13.836	10.460	37.1	17.345	30.8	13.803	0.315	0.605	62.5	0.682	24.1	0.237	-0.550	-66.7	0.599
248055.5	842726.5	128.0	14.132	11.012	37.9	17.916	31.9	14.257	0.227	0.532	66.8	0.578	39.9	0.032	-0.468	-86.1	0.469
248055.3	842725.5	128.0	14.398	11.562	38.8	18.466	32.9	14.695	0.317	0.432	53.7	0.536	61.0	-0.189	-0.355	61.9	0.402
248055.1	842724.5	128.0	14.635	12.100	39.6	18.989	33.7	15.111	0.514	0.316	31.6	0.604	50.2	-0.422	-0.206	26.0	0.470
248054.9	842723.5	128.0	14.841	12.612	40.4	19.476	34.5	15.498	0.742	0.231	17.3	0.778	31.1	-0.660	-0.021	1.8	0.660
248054.7	842722.6	128.0	15.019	13.083	41.1	19.918	35.1	15.850	0.976	0.298	17.0	1.021	20.4	-0.894	0.199	-12.6	0.916
248054.5	842721.6	128.0	15.171	13.499	41.7	20.307	35.5	16.160	1.202	0.502	22.7	1.302	14.6	-1.117	0.451	-22.0	1.205
248054.3	842720.6	128.0	15.300	13.844	42.1	20.634	35.9	16.420	1.408	0.762	28.4	1.601	11.3	-1.318	0.727	-28.9	1.506
248054.2	842719.6	128.0	15.410	14.103	42.5	20.889	36.1	16.623	1.583	1.045	33.4	1.897	9.2	-1.489	1.015	-34.3	1.802
248054.0	842718.6	128.0	15.505	14.263	42.6	21.068	36.3	16.765	1.719	1.329	37.7	2.173	7.7	-1.619	1.300	-38.8	2.076
248053.8	842717.7	128.0	15.589	14.318	42.6	21.167	36.4	16.844	1.805	1.596	41.5	2.410	6.8	-1.701	1.565	-42.6	2.311
248053.6	842716.7	128.0	15.665	14.265	42.3	21.187	36.6	16.860	1.837	1.828	44.9	2.592	6.1	-1.727	1.795	-46.1	2.491
248053.4	842715.7	128.0	15.740	14.106	41.9	21.136	36.7	16.819	1.808	2.011	48.0	2.704	5.8	-1.694	1.975	-49.4	2.602
248053.2	842714.7	128.0	15.818	13.851	41.2	21.025	36.7	16.732	1.719	2.132	51.1	2.739	5.9	-1.601	2.095	-52.6	2.637
248053.0	842713.7	128.0	15.906	13.515	40.4	20.873	36.7	16.610	1.571	2.187	54.3	2.693	6.3	-1.448	2.150	-56.0	2.592
248052.8	842712.8	128.0	16.011	13.117	39.3	20.698	36.7	16.471	1.370	2.178	57.8	2.573	7.2	-1.240	2.141	-59.9	2.475
248052.6	842711.8	128.0	16.140	12.676	38.1	20.523	36.5	16.332	1.125	2.108	61.9	2.390	8.8	-0.985	2.073	-64.6	2.295
248052.4	842710.8	128.0	16.302	12.213	36.8	20.369	36.3	16.209	0.850	1.988	66.9	2.162	11.5	-0.689	1.955	-70.6	2.073
248052.2	842709.8	128.0	16.503	11.746	35.4	20.256	35.8	16.119	0.571	1.829	72.6	1.916	15.5	-0.362	1.798	-78.6	1.834
248052.0	842708.8	128.0	16.746	11.294	34.0	20.199	35.3	16.074	0.379	1.641	77.0	1.684	21.3	-0.012	1.612	-89.6	1.612
248051.8	842707.8	128.0	17.036	10.869	32.5	20.208	34.5	16.081	0.465	1.435	72.1	1.508	28.0	0.351	1.408	76.0	1.451
248051.7	842706.9	128.0	17.370	10.484	31.1	20.288	33.7	16.145	0.749	1.219	58.4	1.430	31.7	0.718	1.194	59.0	1.393
248051.5	842705.9	128.0	17.743	10.146	29.8	20.440	32.8	16.265	1.081	1.000	42.8	1.472	28.8	1.081	0.976	42.1	1.456
248051.3	842704.9	128.0	18.148	9.863	28.5	20.655	31.9	16.437	1.414	0.785	29.0	1.617	22.1	1.429	0.759	28.0	1.618
248051.1	842703.9	128.0	18.570	9.637	27.4	20.922	31.1	16.649	1.729	0.577	18.5	1.823	16.0	1.751	0.548	17.4	1.835
248050.9	842702.9	128.0	18.991	9.470	26.5	21.221	30.4	16.887	2.009	0.386	10.9	2.046	11.6	2.037	0.344	9.6	2.066
248050.7	842702.0	128.0	19.390	9.361	25.8	21.531	29.8	17.134	2.242	0.229	5.8	2.254	8.8	2.275	0.149	3.7	2.280
248050.5	842701.0	128.0	19.742	9.307	25.2	21.826	29.5	17.369	2.415	0.182	4.3	2.421	7.1	2.452	-0.035	-0.8	2.452
248050.3	842700.0	128.0	20.023	9.304	24.9	22.078	29.4	17.569	2.515	0.280	6.3	2.531	6.1	2.558	-0.207	-4.6	2.566
248050.1	842699.0	128.0	20.209	9.342	24.8	22.264	29.5	17.717	2.536	0.415	9.3	2.570	5.6	2.585	-0.364	-8.0	2.610
248049.9	842698.0	128.0	20.282	9.414	24.9	22.360	29.9	17.794	2.474	0.546	12.4	2.533	5.6	2.530	-0.504	-11.3	2.580
248049.7	842697.0	128.0	20.231	9.507	25.2	22.353	30.5	17.788	2.330	0.660	15.8	2.421	6.0	2.394	-0.623	-14.6	2.474
248049.5	842696.1	128.0	20.053	9.609	25.6	22.236	31.2	17.695	2.111	0.752	19.6	2.241	6.8	2.185	-0.718	-18.2	2.300
248049.3	842695.1	128.0	19.753	9.708	26.2	22.010	32.0	17.515	1.831	0.815	24.0	2.004	8.0	1.914	-0.784	-22.3	2.068
248049.2	842694.1	128.0	19.344	9.791	26.8	21.681	32.9	17.253	1.506	0.845	29.3	1.727	10.0	1.596	-0.818	-27.1	1.793
248049.0	842693.1	128.0	18.844	9.846	27.6	21.261	33.7	16.919	1.157	0.840	36.0	1.429	13.2	1.250	-0.816	-33.2	1.493
248048.8	842692.1	128.0	18.273	9.863	28.4	20.765	34.3	16.524	0.806	0.797	44.7	1.133	18.8	0.892	-0.778	-41.1	1.183
248048.6	842691.2	128.0	17.651	9.836	29.1	20.207	34.8	16.080	0.491	0.717	55.6	0.869	29.7	0.539	-0.702	-52.5	0.886
248048.4	842690.2	128.0	16.995	9.761	29.9	19.599	34.9	15.596	0.317	0.604	62.3	0.682	50.0	0.205	-0.593	-70.9	0.628
248048.2	842689.2	128.0	16.319	9.636	30.6	18.951	34.6	15.081	0.424	0.466	47.7	0.631	59.7	-0.100	-0.455	77.6	0.466
248048.0	842688.2	128.0	15.632	9.463	31.2	18.273	34.0	14.541	0.644	0.318	26.3	0.718	37.9	-0.369	-0.295	38.6	0.473
248047.8	842687.2	128.0	14.939	9.245	31.8	17.568	33.1	13.980	0.857	0.202	13.2	0.880	23.3	-0.598	-0.121	11.4	0.610

PLS-CADD Version 20.00x64 10:44:13 10 October 2024
M Group Services Limited - UK
Project Name: 'D:\SSE ASTI PLS CADD Models\LT459 Fanellan 16092024\FNLN4-LT459-MES-OHL-ZZ-M-EO-7600-P03.1.don'
Line Title: 'MES Final Arrangement with Gantries - PLS Tower DT towers'

3D EMF Calculation Notes:
  1) Calculations based on the EPRI Red Book methods (3rd Edition, 2005 - 7.4 Calculation of Magnetic Fields and Appendices 7.1 Calculation of Field Ellipse Parameters and 7.6 Electric Field Calculations for 3D Geometry).
  2) All wire positions are modeled at the specified weather case and wind direction. Height above ground determined by the modeled ground TIN.
  3) Only the effects of wires are being analyzed. The effects of structures are not included unless enabled as noted below.
  4) Ground return is being ignored for magnetic field calculations.

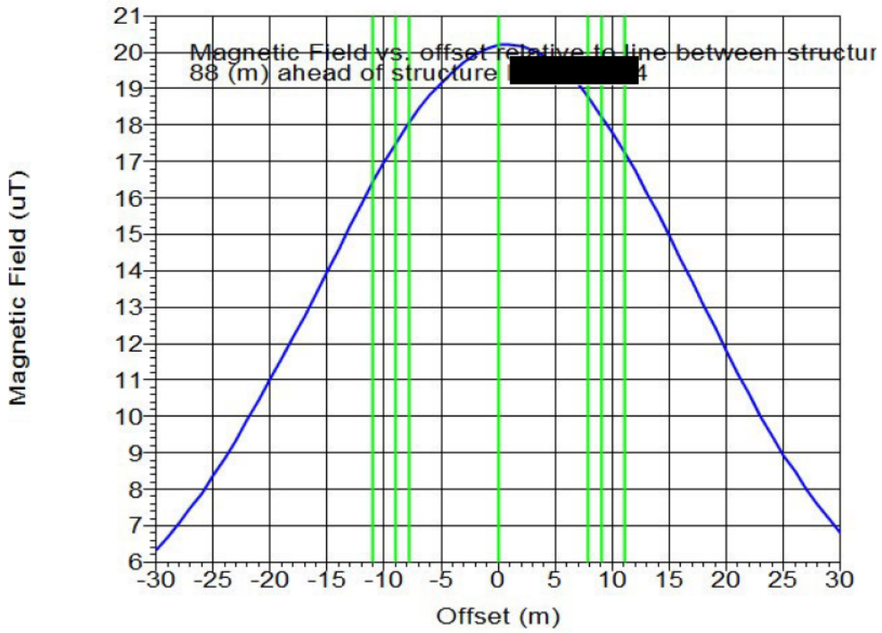
Meter height above ground: 1.00 (m)
Maximum wire distance: 150.00 (m)
Maximum cable segment size: 3.00 (m)
Cross section offset +/-: 30.00 (m)
Result interval: 1.00 (m)
Electric field limit: 9.00 (kV/m)
Magnetic field limit: 360.00 (uT)
Space potential limit: 0.00 (kV)
Contour Map Spacing: 3 (m)
Analyzing spans between these structures: [redacted]-4 - [redacted]-9R, Gantry 1 - Gantry 4

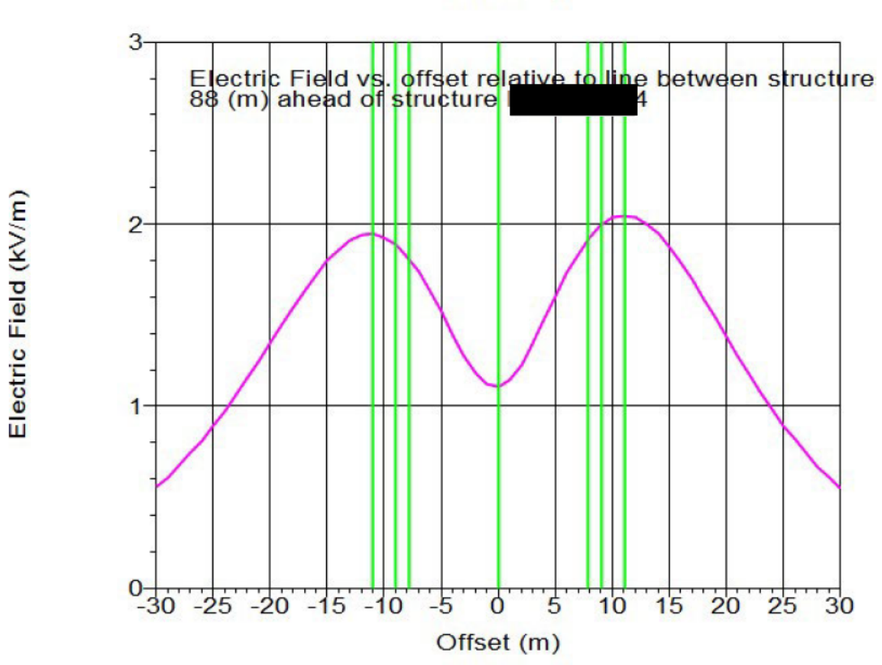
One or more sections have wind from both directions which is not supported. A wind direction of left is being used for those sections.

Section Data for 3D EMF Results:

Section Number	Section Note	Voltage Ph-Ph (kV)	Current (Amps)	Cable Filename	Cable Description	Conductors Per Phase	Bundle Diameter (cm)	Cable Radius (cm)	Weather Case	Condition	Wind Dir.	WC Temperature (deg C)	Effective Radius (cm)
1		0.0	0.0	AACSR OPGW	OPGW Data Sheet	1	0.000	1.190	10°C	Creep FE	Left	10.000	1.190
2		0.0	0.0	AACSR OPGW	OPGW Data Sheet	1	0.000	1.190	10°C	Creep FE	Left	10.000	1.190
3		0.0	0.0	AACSR OPGW	OPGW Data Sheet	1	0.000	1.190	10°C	Creep FE	Left	10.000	1.190
4		0.0	0.0	AACSR OPGW	OPGW Data Sheet	1	0.000	1.190	10°C	Creep FE	Left	10.000	1.190
5		0.0	0.0	AACSR OPGW	OPGW Data Sheet	1	0.000	1.190	10°C	Creep FE	Left	10.000	1.190
6		0.0	0.0	AACSR OPGW	OPGW Data Sheet	1	0.000	1.190	10°C	Creep FE	Left	10.000	1.190
9		400.0	3400.0	Lamifil_700mm_aaac_araucaria_EHC_RTS	EHC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
10		400.0	3400.0	Lamifil_700mm_aaac_araucaria_EHC_RTS	EHC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
11		400.0	3400.0	Lamifil_700mm_aaac_araucaria_EHC_RTS	EHC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
12		400.0	3400.0	Lamifil_700mm_aaac_araucaria_EHC_RTS	EHC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
13		400.0	3400.0	Lamifil_700mm_aaac_araucaria_EHC_RTS	EHC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
14		400.0	3400.0	Lamifil_700mm_aaac_araucaria_EHC_RTS	EHC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
15		400.0	3400.0	Lamifil_700mm_aaac_araucaria_EHC_RTS	EHC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
16		400.0	3400.0	Lamifil_700mm_aaac_araucaria_EHC_RTS	EHC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
17		400.0	3400.0	Lamifil_700mm_aaac_araucaria_EHC_RTS	EHC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
18		400.0	3400.0	Lamifil_700mm_aaac_araucaria_EHC_RTS	EHC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
19		400.0	3400.0	Lamifil_700mm_aaac_araucaria_EHC_RTS	EHC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
20		400.0	3400.0	Lamifil_700mm_aaac_araucaria_EHC_RTS	EHC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
21		400.0	3400.0	Lamifil_700mm_aaac_araucaria_EHC_RTS	EHC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
22		400.0	3400.0	Lamifil_700mm_aaac_araucaria_EHC_RTS	EHC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
23		400.0	3400.0	Lamifil_700mm_aaac_araucaria_EHC_RTS	EHC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
24		400.0	3400.0	Lamifil_700mm_aaac_araucaria_EHC_RTS	EHC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
25		400.0	3400.0	Lamifil_700mm_aaac_araucaria_EHC_RTS	EHC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
26		400.0	3400.0	Lamifil_700mm_aaac_araucaria_EHC_RTS	EHC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
27		400.0	3400.0	Lamifil_700mm_aaac_araucaria_EHC_RTS	EHC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
28		400.0	3400.0	Lamifil_700mm_aaac_araucaria_EHC_RTS	EHC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
29		400.0	3400.0	Lamifil_700mm_aaac_araucaria_EHC_RTS	EHC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
30		400.0	3400.0	Lamifil_700mm_aaac_araucaria_EHC_RTS	EHC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
31		400.0	3400.0	Lamifil_700mm_aaac_araucaria_EHC_RTS	EHC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
32		400.0	3400.0	Lamifil_700mm_aaac_araucaria_EHC_RTS	EHC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
33		400.0	3400.0	Lamifil_700mm_aaac_araucaria_EHC_RTS	EHC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
34		400.0	3400.0	Lamifil_700mm_aaac_araucaria_EHC_RTS	EHC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
35		400.0	3400.0	Lamifil_700mm_aaac_araucaria_EHC_RTS	EHC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
36		400.0	3400.0	Lamifil_700mm_aaac_araucaria_EHC_RTS	EHC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
37		400.0	3400.0	Lamifil_700mm_aaac_araucaria_EHC_RTS	EHC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
38		400.0	3400.0	Lamifil_700mm_aaac_araucaria_EHC_RTS	EHC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
39		400.0	3400.0	Lamifil_700mm_aaac_araucaria_EHC_RTS - 8kN	EHC - 700mm² AAAC - Araucaria - RTS	2	30.000	1.863	90°C	Creep FE	Left	90.000	7.476
40		400.0	3400.0	Lamifil_700mm_aaac_araucaria_EHC_RTS - 8kN	EHC - 700mm² AAAC - Araucaria - RTS	2	30.000	1.863	90°C	Creep FE	Left	90.000	7.476
41		400.0	3400.0	Lamifil_700mm_aaac_araucaria_EHC_RTS - 8kN	EHC - 700mm² AAAC - Araucaria - RTS	2	30.000	1.863	90°C	Creep FE	Left	90.000	7.476
42		400.0	3400.0	Lamifil_700mm_aaac_araucaria_EHC_RTS - 8kN	EHC - 700mm² AAAC - Araucaria - RTS	2	30.000	1.863	90°C	Creep FE	Left	90.000	7.476
43		400.0	3400.0	Lamifil_700mm_aaac_araucaria_EHC_RTS - 8kN	EHC - 700mm² AAAC - Araucaria - RTS	2	30.000	1.863	90°C	Creep FE	Left	90.000	7.476
44		400.0	3400.0	Lamifil_700mm_aaac_araucaria_EHC_RTS - 8kN	EHC - 700mm² AAAC - Araucaria - RTS	2	30.000	1.863	90°C	Creep FE	Left	90.000	7.476
45		400.0	3400.0	Lamifil_700mm_aaac_araucaria_EHC_RTS - 8kN	EHC - 700mm² AAAC - Araucaria - RTS	2	30.000	1.863	90°C	Creep FE	Left	90.000	7.476
46		400.0	3400.0	Lamifil_700mm_aaac_araucaria_EHC_RTS - 8kN	EHC - 700mm² AAAC - Araucaria - RTS	2	30.000	1.863	90°C	Creep FE	Left	90.000	7.476
47		400.0	3400.0	Lamifil_700mm_aaac_araucaria_EHC_RTS - 8kN	EHC - 700mm² AAAC - Araucaria - RTS	2	30.000	1.863	90°C	Creep FE	Left	90.000	7.476
48		400.0	3400.0	Lamifil_700mm_aaac_araucaria_EHC_RTS - 8kN	EHC - 700mm² AAAC - Araucaria - RTS	2	30.000	1.863	90°C	Creep FE	Left	90.000	7.476
49		400.0	3400.0	Lamifil_700mm_aaac_araucaria_EHC_RTS - 8kN	EHC - 700mm² AAAC - Araucaria - RTS	2	30.000	1.863	90°C	Creep FE	Left	90.000	7.476
50		400.0	3400.0	Lamifil_700mm_aaac_araucaria_EHC_RTS - 8kN	EHC - 700mm² AAAC - Araucaria - RTS	2	30.000	1.863	90°C	Creep FE	Left	90.000	7.476
51		400.0	3400.0	Lamifil_700mm_aaac_araucaria_HC_RTS	HC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
54		400.0	3400.0	Lamifil_700mm_aaac_araucaria_HC_RTS	HC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
57		400.0	3400.0	Lamifil_700mm_aaac_araucaria_HC_RTS	HC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
60		400.0	3400.0	Lamifil_700mm_aaac_araucaria_HC_RTS	HC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
63		400.0	3400.0	Lamifil_700mm_aaac_araucaria_HC_RTS	HC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
66		400.0	3400.0	Lamifil_700mm_aaac_araucaria_HC_RTS	HC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651

Wire low point cross section results between structures [redacted]-4 and [redacted]-5



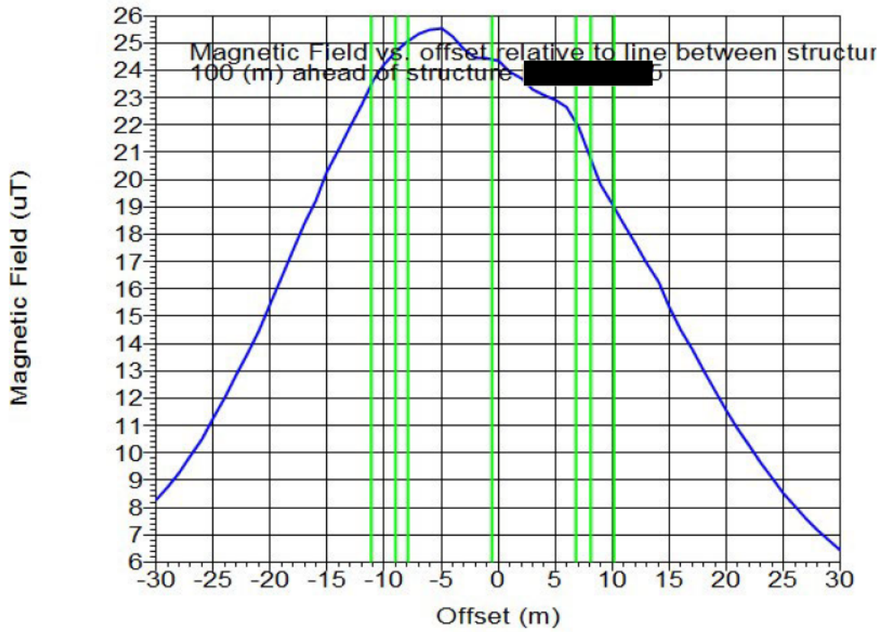


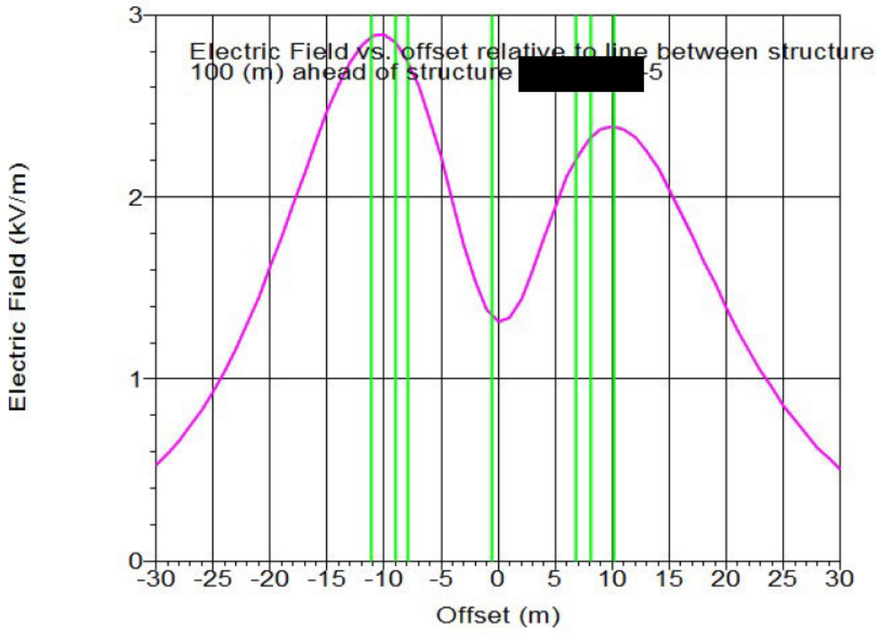
3D EMF Point Results Span from [redacted]-4 to [redacted]-5:

Measurement			B					H	EF					Space Potential			
X (m)	Y (m)	Z (m)	Real (uT)	Imaginary (uT)	Angle (deg)	Magnitude (uT)	Polarization Axial Ratio %	Magnitude (A/m)	Real (kV/m)	Imaginary (kV/m)	Angle (deg)	Magnitude (kV/m)	Polarization Axial Ratio %	Real (kV)	Imaginary (kV)	Angle (deg)	Magnitude (kV)
249398.3	843880.9	38.8	5.232	3.568	34.3	6.333	39.7	5.039	0.427	0.354	39.7	0.555	1.9	0.200	-0.269	-53.4	0.335
249397.6	843881.6	38.9	5.549	3.739	34.0	6.692	39.5	5.325	0.484	0.373	37.6	0.611	1.9	0.241	-0.287	-50.1	0.375

249396.9	843882.3	38.9	5.892	3.920	33.6	7.077	39.2	5.631	0.548	0.391	35.5	0.673	1.9	0.293	-0.311	-46.7	0.427
249396.2	843883.0	38.9	6.254	4.109	33.3	7.483	38.9	5.955	0.618	0.408	33.5	0.741	2.0	0.351	-0.333	-43.5	0.484
249395.4	843883.7	38.9	6.636	4.304	33.0	7.909	38.5	6.294	0.694	0.424	31.5	0.813	2.0	0.410	-0.352	-40.7	0.541
249394.7	843884.4	38.9	7.047	4.510	32.6	8.367	38.1	6.658	0.775	0.439	29.5	0.891	2.1	0.488	-0.378	-37.8	0.618
249394.0	843885.1	39.0	7.481	4.725	32.3	8.849	37.7	7.042	0.863	0.451	27.6	0.974	2.1	0.576	-0.404	-35.0	0.704
249393.3	843885.8	39.0	7.940	4.948	31.9	9.356	37.2	7.445	0.957	0.461	25.7	1.062	2.1	0.674	-0.428	-32.4	0.798
249392.6	843886.5	39.0	8.422	5.179	31.6	9.887	36.6	7.868	1.055	0.468	23.9	1.154	2.2	0.781	-0.451	-30.0	0.902
249391.8	843887.2	39.0	8.927	5.418	31.3	10.442	36.0	8.310	1.158	0.471	22.1	1.250	2.2	0.897	-0.472	-27.7	1.014
249391.1	843887.9	39.1	9.453	5.663	30.9	11.020	35.4	8.769	1.263	0.470	20.4	1.348	2.2	1.023	-0.490	-25.6	1.134
249390.4	843888.6	39.1	9.999	5.915	30.6	11.617	34.7	9.245	1.370	0.464	18.7	1.446	2.2	1.156	-0.504	-23.6	1.261
249389.7	843889.3	39.1	10.509	6.147	30.3	12.175	34.0	9.689	1.475	0.452	17.0	1.543	2.1	1.206	-0.486	-21.9	1.300
249389.0	843890.0	39.0	11.036	6.388	30.1	12.751	33.2	10.147	1.576	0.435	15.4	1.635	2.0	1.269	-0.471	-20.3	1.354
249388.3	843890.7	39.0	11.577	6.636	29.8	13.344	32.4	10.619	1.671	0.411	13.8	1.721	1.9	1.347	-0.457	-18.7	1.422
249387.5	843891.4	39.1	12.133	6.894	29.6	13.955	31.6	11.105	1.757	0.381	12.2	1.797	1.9	1.445	-0.445	-17.1	1.512
249386.8	843892.1	39.1	12.710	7.166	29.4	14.591	30.8	11.611	1.829	0.344	10.6	1.861	2.0	1.576	-0.435	-15.4	1.635
249386.1	843892.8	39.1	13.278	7.441	29.3	15.220	29.9	12.112	1.885	0.299	9.0	1.909	2.1	1.700	-0.417	-13.8	1.750
249385.4	843893.5	39.2	13.830	7.716	29.2	15.837	29.1	12.603	1.922	0.248	7.4	1.938	2.3	1.810	-0.389	-12.1	1.852
249384.7	843894.2	39.2	14.360	7.991	29.1	16.434	28.3	13.077	1.936	0.190	5.6	1.945	2.6	1.904	-0.352	-10.5	1.936
249384.0	843894.9	39.2	14.823	8.248	29.1	16.964	27.5	13.499	1.924	0.127	3.8	1.928	2.8	1.927	-0.302	-8.9	1.951
249383.2	843895.6	39.2	15.284	8.519	29.1	17.497	26.8	13.924	1.887	0.074	2.2	1.888	3.3	1.971	-0.245	-7.1	1.986
249382.5	843896.3	39.2	15.691	8.780	29.2	17.981	26.1	14.309	1.821	0.086	2.7	1.824	4.0	1.974	-0.177	-5.1	1.982
249381.8	843897.0	39.3	16.088	9.054	29.4	18.461	25.4	14.691	1.730	0.162	5.4	1.738	5.1	1.986	-0.095	-2.8	1.988
249381.1	843897.6	39.3	16.378	9.295	29.6	18.831	24.8	14.986	1.612	0.256	9.0	1.633	6.4	1.907	-0.007	-0.2	1.907
249380.4	843898.3	39.3	16.612	9.526	29.8	19.150	24.3	15.239	1.471	0.360	13.8	1.515	8.2	1.801	0.088	2.8	1.803
249379.6	843899.0	39.3	16.838	9.769	30.1	19.467	23.9	15.491	1.310	0.472	19.8	1.393	11.0	1.705	0.203	6.8	1.717
249378.9	843899.7	39.4	17.010	10.002	30.5	19.733	23.5	15.703	1.133	0.590	27.5	1.277	14.5	1.579	0.331	11.9	1.613
249378.2	843900.4	39.4	17.123	10.219	30.8	19.940	23.2	15.868	0.944	0.712	37.0	1.182	18.7	1.420	0.469	18.3	1.496
249377.5	843901.1	39.5	17.189	10.423	31.2	20.103	23.1	15.997	0.748	0.837	48.2	1.122	22.5	1.241	0.620	26.5	1.388
249376.8	843901.8	39.5	17.194	10.603	31.7	20.200	23.0	16.075	0.552	0.962	60.1	1.109	24.3	1.038	0.775	36.7	1.295
249376.1	843902.5	39.5	17.124	10.746	32.1	20.216	23.1	16.088	0.370	1.085	71.2	1.147	22.9	0.815	0.921	48.5	1.230
249375.3	843903.2	39.5	17.001	10.860	32.6	20.174	23.2	16.054	0.242	1.205	78.6	1.229	19.6	0.588	1.064	61.1	1.216
249374.6	843903.9	39.5	16.829	10.943	33.0	20.074	23.4	15.974	0.258	1.317	78.9	1.342	15.9	0.361	1.202	73.3	1.255
249373.9	843904.6	39.5	16.611	10.991	33.5	19.918	23.8	15.851	0.388	1.419	74.7	1.471	12.6	0.139	1.333	84.0	1.340
249373.2	843905.3	39.6	16.349	11.002	33.9	19.706	24.2	15.682	0.544	1.509	70.2	1.604	10.0	-0.074	1.454	-87.1	1.456
249372.5	843906.0	39.6	16.044	10.973	34.4	19.437	24.8	15.468	0.697	1.582	66.2	1.729	8.1	-0.275	1.560	-80.0	1.584
249371.7	843906.7	39.6	15.698	10.902	34.8	19.112	25.4	15.209	0.838	1.638	62.9	1.839	6.7	-0.460	1.650	-74.4	1.713
249371.0	843907.4	39.6	15.310	10.785	35.2	18.727	26.0	14.903	0.960	1.673	60.1	1.929	5.6	-0.626	1.717	-70.0	1.827
249370.3	843908.1	39.6	14.885	10.621	35.5	18.286	26.8	14.551	1.064	1.687	57.8	1.995	4.9	-0.769	1.757	-66.4	1.918
249369.6	843908.8	39.6	14.437	10.421	35.8	17.805	27.6	14.169	1.147	1.680	55.7	2.035	4.3	-0.896	1.784	-63.3	1.997
249368.9	843909.5	39.6	13.973	10.190	36.1	17.294	28.4	13.762	1.210	1.653	53.8	2.048	4.0	-1.011	1.801	-60.7	2.066
249368.2	843910.2	39.7	13.486	9.922	36.3	16.742	29.2	13.323	1.252	1.606	52.1	2.037	3.8	-1.105	1.795	-58.4	2.108
249367.4	843910.9	39.7	12.990	9.628	36.5	16.169	30.1	12.867	1.276	1.543	50.4	2.002	3.7	-1.187	1.778	-56.3	2.138
249366.7	843911.6	39.7	12.482	9.305	36.7	15.568	31.0	12.389	1.283	1.465	48.8	1.947	3.7	-1.249	1.740	-54.3	2.142
249366.0	843912.3	39.7	11.967	8.959	36.8	14.949	31.9	11.896	1.274	1.375	47.2	1.875	3.7	-1.293	1.684	-52.5	2.123
249365.3	843913.0	39.8	11.450	8.596	36.9	14.317	32.8	11.393	1.253	1.278	45.6	1.790	3.8	-1.319	1.612	-50.7	2.083
249364.6	843913.7	39.8	10.936	8.221	36.9	13.681	33.7	10.887	1.220	1.176	44.0	1.694	4.0	-1.329	1.527	-49.0	2.024
249363.8	843914.4	39.8	10.428	7.839	36.9	13.046	34.5	10.382	1.178	1.071	42.3	1.592	4.1	-1.325	1.434	-47.3	1.952
249363.1	843915.0	39.8	9.927	7.452	36.9	12.413	35.3	9.878	1.129	0.967	40.6	1.487	4.3	-1.302	1.329	-45.6	1.860
249362.4	843915.7	39.9	9.456	7.083	36.8	11.814	36.1	9.401	1.076	0.866	38.8	1.381	4.6	-1.296	1.242	-43.8	1.795
249361.7	843916.4	39.9	8.979	6.700	36.7	11.203	36.8	8.915	1.019	0.768	37.0	1.276	4.8	-1.248	1.127	-42.1	1.682
249361.0	843917.1	39.9	8.508	6.315	36.6	10.595	37.5	8.432	0.959	0.676	35.2	1.173	4.9	-1.172	1.000	-40.5	1.540
249360.3	843917.8	39.9	8.057	5.946	36.4	10.014	38.1	7.969	0.899	0.590	33.2	1.075	5.0	-1.095	0.881	-38.8	1.405
249359.5	843918.5	39.9	7.621	5.585	36.2	9.449	38.6	7.519	0.840	0.510	31.3	0.982	5.1	-1.003	0.764	-37.3	1.261
249358.8	843919.2	39.9	7.233	5.264	36.0	8.945	39.1	7.119	0.781	0.438	29.3	0.895	5.3	-0.962	0.684	-35.4	1.181
249358.1	843919.9	39.9	6.867	4.961	35.8	8.472	39.6	6.741	0.724	0.372	27.2	0.814	5.7	-0.927	0.613	-33.5	1.112
249357.4	843920.6	40.0	6.518	4.673	35.6	8.020	40.0	6.382	0.670	0.314	25.1	0.739	6.0	-0.889	0.545	-31.5	1.043
249356.7	843921.3	40.0	6.187	4.398	35.4	7.591	40.4	6.041	0.617	0.261	23.0	0.670	6.3	-0.849	0.481	-29.5	0.976
249355.9	843922.0	40.1	5.872	4.139	35.2	7.184	40.7	5.717	0.567	0.215	20.8	0.607	6.7	-0.808	0.421	-27.5	0.911
249355.2	843922.7	40.1	5.573	3.893	34.9	6.798	41.0	5.410	0.520	0.175	18.6	0.549	7.0	-0.765	0.364	-25.5	0.847

Wire low point cross section results between structures [redacted]-5 and [redacted]-6R



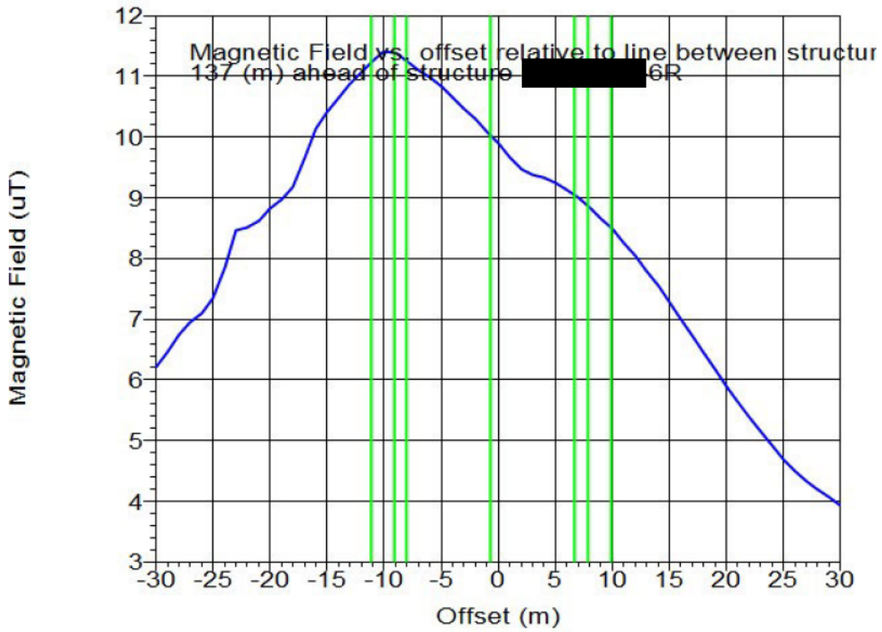


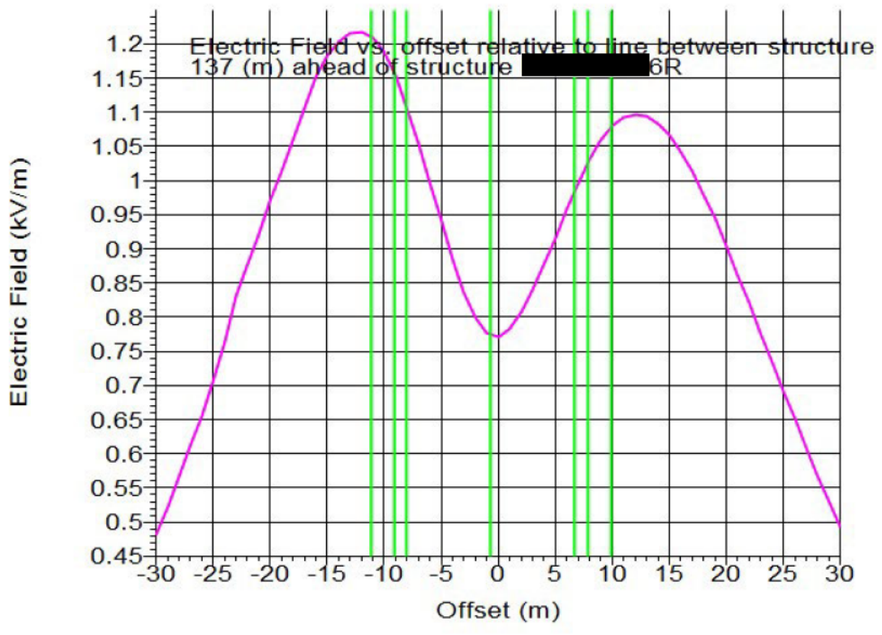
3D EMF Point Results Span from [redacted]-5 to [redacted]-6R:

Measurement			B					H	EF					Space Potential			
X (m)	Y (m)	Z (m)	Real (uT)	Imaginary (uT)	Angle (deg)	Magnitude (uT)	Polarization Axial Ratio %	Magnitude (A/m)	Real (kV/m)	Imaginary (kV/m)	Angle (deg)	Magnitude (kV/m)	Polarization Axial Ratio %	Real (kV)	Imaginary (kV)	Angle (deg)	Magnitude (kV)
249066.4	843539.3	88.2	6.742	4.806	35.5	8.279	44.6	6.589	0.317	0.424	53.2	0.529	21.5	1.522	-0.942	-31.7	1.790
249065.7	843540.0	88.0	7.181	5.032	35.0	8.769	44.2	6.978	0.377	0.455	50.4	0.591	19.5	1.648	-0.917	-29.1	1.886
249065.0	843540.7	87.8	7.648	5.265	34.5	9.285	43.8	7.389	0.446	0.488	47.5	0.661	17.7	1.770	-0.879	-26.4	1.976
249064.3	843541.4	87.7	8.182	5.532	34.1	9.876	43.4	7.859	0.527	0.521	44.6	0.741	16.4	1.923	-0.870	-24.3	2.111
249063.6	843542.1	87.6	8.751	5.808	33.6	10.503	42.9	8.358	0.620	0.553	41.8	0.831	15.1	2.080	-0.850	-22.2	2.247
249062.9	843542.8	87.5	9.415	6.130	33.1	11.235	42.4	8.941	0.725	0.586	38.9	0.932	14.4	2.302	-0.876	-20.8	2.463
249062.2	843543.5	87.6	10.162	6.486	32.5	12.055	41.9	9.593	0.844	0.617	36.2	1.046	13.8	2.576	-0.921	-19.7	2.736
249061.4	843544.2	87.4	10.865	6.796	32.0	12.815	41.1	10.198	0.975	0.645	33.5	1.169	12.7	2.758	-0.871	-17.5	2.893
249060.7	843544.9	87.3	11.579	7.098	31.5	13.582	40.3	10.808	1.119	0.669	30.9	1.304	11.4	2.901	-0.785	-15.1	3.006

249060.0	843545.6	87.2	12.391	7.442	31.0	14.454	39.4	11.502	1.277	0.690	28.4	1.451	10.6	3.107	-0.731	-13.2	3.192
249059.3	843546.3	87.2	13.275	7.809	30.5	15.401	38.4	12.256	1.448	0.706	26.0	1.611	9.9	3.347	-0.683	-11.5	3.416
249058.6	843547.0	87.1	14.241	8.204	29.9	16.435	37.4	13.078	1.631	0.716	23.7	1.781	9.3	3.634	-0.641	-10.0	3.690
249057.9	843547.7	87.1	15.150	8.559	29.5	17.400	36.3	13.847	1.819	0.717	21.5	1.956	8.5	3.795	-0.531	-8.0	3.832
249057.2	843548.4	87.0	16.129	8.941	29.0	18.441	35.1	14.675	2.013	0.710	19.4	2.134	7.9	3.991	-0.428	-6.1	4.014
249056.4	843549.1	86.8	16.887	9.223	28.6	19.242	33.9	15.312	2.198	0.691	17.5	2.304	7.0	3.869	-0.215	-3.2	3.875
249055.7	843549.8	86.8	17.868	9.608	28.3	20.288	32.7	16.144	2.381	0.665	15.6	2.472	6.6	3.987	-0.087	-1.2	3.988
249055.0	843550.5	86.6	18.634	9.909	28.0	21.105	31.4	16.795	2.542	0.626	13.8	2.617	6.0	3.818	0.118	1.8	3.820
249054.3	843551.2	86.5	19.407	10.229	27.8	21.938	30.2	17.457	2.679	0.576	12.1	2.740	5.6	3.652	0.311	4.9	3.665
249053.6	843551.9	86.4	20.139	10.550	27.6	22.735	29.0	18.092	2.784	0.516	10.5	2.832	5.5	3.446	0.503	8.3	3.483
249052.9	843552.6	86.4	20.933	10.920	27.5	23.610	27.8	18.788	2.852	0.449	8.9	2.887	5.6	3.337	0.675	11.4	3.405
249052.2	843553.3	86.3	21.451	11.205	27.6	24.201	26.7	19.259	2.868	0.371	7.4	2.891	5.7	2.954	0.884	16.7	3.083
249051.4	843554.0	86.1	21.857	11.474	27.7	24.686	25.6	19.644	2.831	0.289	5.8	2.846	6.0	2.510	1.091	23.5	2.737
249050.7	843554.7	86.0	22.150	11.727	27.9	25.063	24.7	19.944	2.742	0.218	4.5	2.751	6.5	2.024	1.292	32.5	2.401
249050.0	843555.4	85.9	22.329	11.961	28.2	25.331	23.9	20.158	2.602	0.191	4.2	2.608	7.3	1.513	1.482	44.4	2.118
249049.3	843556.1	85.8	22.392	12.171	28.5	25.486	23.2	20.281	2.413	0.242	5.7	2.425	8.4	0.989	1.658	59.2	1.931
249048.6	843556.8	85.7	22.331	12.347	28.9	25.517	22.7	20.305	2.182	0.350	9.1	2.210	9.8	0.461	1.814	75.7	1.871
249047.9	843557.5	85.5	21.995	12.408	29.4	25.253	22.3	20.096	1.914	0.481	14.1	1.974	10.8	-0.161	1.913	-85.2	1.920
249047.2	843558.2	85.3	21.489	12.386	30.0	24.803	22.2	19.737	1.619	0.628	21.2	1.737	10.9	-0.754	1.937	-68.7	2.078
249046.4	843558.9	85.1	21.084	12.411	30.5	24.466	22.1	19.469	1.311	0.787	31.0	1.529	10.8	-1.134	1.940	-59.7	2.247
249045.7	843559.6	85.1	20.960	12.590	31.0	24.451	22.0	19.457	0.998	0.954	43.7	1.380	12.2	-1.276	2.024	-57.8	2.392
249045.0	843560.3	85.0	20.757	12.730	31.5	24.350	22.0	19.377	0.684	1.121	58.6	1.313	11.8	-1.408	2.094	-56.1	2.523
249044.3	843561.0	84.9	20.278	12.700	32.1	23.927	22.2	19.041	0.374	1.282	73.7	1.335	7.7	-1.554	2.035	-52.6	2.560
249043.6	843561.7	84.9	19.970	12.766	32.6	23.702	22.5	18.861	0.100	1.437	86.0	1.441	5.4	-1.621	2.071	-52.0	2.630
249042.9	843562.4	84.8	19.531	12.734	33.1	23.315	23.0	18.554	0.221	1.580	82.0	1.595	3.0	-1.665	2.038	-50.8	2.632
249042.2	843563.1	84.9	19.247	12.797	33.6	23.113	23.4	18.393	0.476	1.708	74.4	1.773	2.4	-1.723	2.145	-51.2	2.752
249041.4	843563.8	84.9	18.957	12.846	34.1	22.899	24.0	18.223	0.709	1.816	68.7	1.950	2.1	-1.813	2.292	-51.7	2.923
249040.7	843564.5	85.0	18.658	12.879	34.6	22.671	24.6	18.041	0.916	1.901	64.3	2.110	2.3	-1.946	2.480	-51.9	3.152
249040.0	843565.2	84.9	17.951	12.575	35.0	21.917	25.5	17.441	1.087	1.951	60.9	2.234	1.5	-1.895	2.302	-50.5	2.981
249039.3	843565.9	84.7	17.034	12.067	35.3	20.875	26.4	16.612	1.226	1.970	58.1	2.320	0.5	-1.669	1.887	-48.5	2.519
249038.6	843566.6	84.5	16.128	11.530	35.6	19.826	27.4	15.777	1.335	1.959	55.7	2.371	0.2	-1.387	1.453	-46.3	2.009
249037.9	843567.3	84.5	15.466	11.162	35.8	19.073	28.4	15.178	1.416	1.924	53.6	2.389	0.3	-1.280	1.305	-45.5	1.828
249037.2	843568.0	84.5	14.866	10.822	36.1	18.388	29.3	14.632	1.469	1.864	51.8	2.373	0.5	-1.243	1.249	-45.1	1.762
249036.4	843568.7	84.5	14.246	10.441	36.2	17.662	30.3	14.055	1.495	1.781	50.0	2.325	0.7	-1.197	1.176	-44.5	1.678
249035.7	843569.4	84.5	13.646	10.055	36.4	16.951	31.3	13.489	1.498	1.680	48.3	2.251	1.0	-1.182	1.134	-43.8	1.638
249035.0	843570.1	84.6	13.056	9.659	36.5	16.241	32.3	12.924	1.482	1.565	46.6	2.155	1.4	-1.183	1.101	-42.9	1.616
249034.3	843570.8	84.5	12.314	9.104	36.5	15.314	33.3	12.186	1.447	1.438	44.8	2.040	1.3	-0.966	0.848	-41.3	1.285
249033.6	843571.5	84.5	11.673	8.624	36.5	14.513	34.2	11.549	1.400	1.308	43.0	1.916	1.4	-0.864	0.719	-39.8	1.125
249032.9	843572.2	84.5	11.101	8.192	36.4	13.796	35.1	10.979	1.343	1.178	41.2	1.787	1.7	-0.841	0.665	-38.3	1.072
249032.2	843572.9	84.5	10.498	7.718	36.3	13.030	36.0	10.369	1.279	1.049	39.4	1.654	1.8	-0.741	0.547	-36.4	0.921
249031.4	843573.6	84.4	9.881	7.223	36.2	12.239	36.7	9.740	1.209	0.925	37.4	1.522	1.7	-0.579	0.391	-34.0	0.699
249030.7	843574.3	84.3	9.325	6.775	36.0	11.526	37.5	9.172	1.136	0.807	35.4	1.394	1.7	-0.479	0.293	-31.4	0.561
249030.0	843575.0	84.3	8.823	6.368	35.8	10.881	38.2	8.659	1.062	0.699	33.3	1.271	1.9	-0.432	0.237	-28.8	0.493
249029.3	843575.7	84.3	8.344	5.978	35.6	10.264	38.8	8.168	0.989	0.599	31.2	1.156	2.0	-0.387	0.186	-25.7	0.429
249028.6	843576.4	84.3	7.883	5.601	35.4	9.671	39.3	7.696	0.917	0.508	29.0	1.048	2.1	-0.333	0.134	-21.9	0.359
249027.9	843577.1	84.2	7.422	5.222	35.1	9.075	39.8	7.222	0.846	0.426	26.7	0.948	1.9	-0.234	0.065	-15.5	0.242
249027.2	843577.8	84.2	6.981	4.860	34.8	8.506	40.2	6.769	0.779	0.353	24.4	0.855	1.7	-0.127	0.002	-0.7	0.127
249026.4	843578.5	84.2	6.610	4.558	34.6	8.029	40.6	6.390	0.715	0.289	22.0	0.771	1.9	-0.118	-0.014	6.6	0.119
249025.7	843579.2	84.2	6.261	4.275	34.3	7.581	40.9	6.033	0.654	0.233	19.6	0.695	2.1	-0.112	-0.027	13.8	0.115
249025.0	843579.9	84.2	5.934	4.011	34.1	7.162	41.2	5.700	0.598	0.184	17.1	0.625	2.3	-0.111	-0.039	19.4	0.118
249024.3	843580.6	84.3	5.632	3.768	33.8	6.776	41.5	5.392	0.544	0.142	14.6	0.563	2.6	-0.122	-0.048	21.6	0.131
249023.6	843581.3	84.4	5.360	3.550	33.5	6.429	41.7	5.116	0.495	0.106	12.1	0.506	3.2	-0.157	-0.054	18.9	0.165

Wire low point cross section results between structures [redacted]-6R and [redacted]-6A



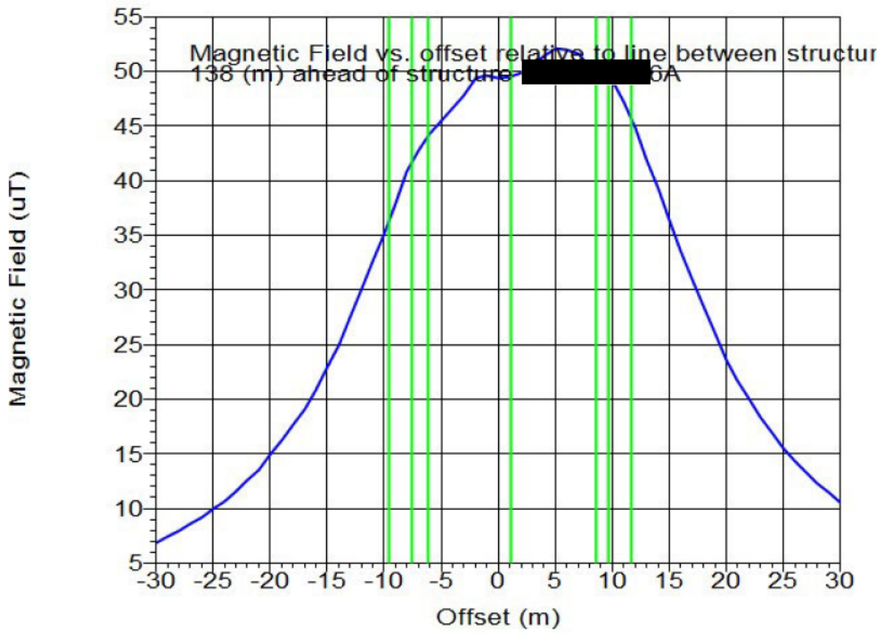


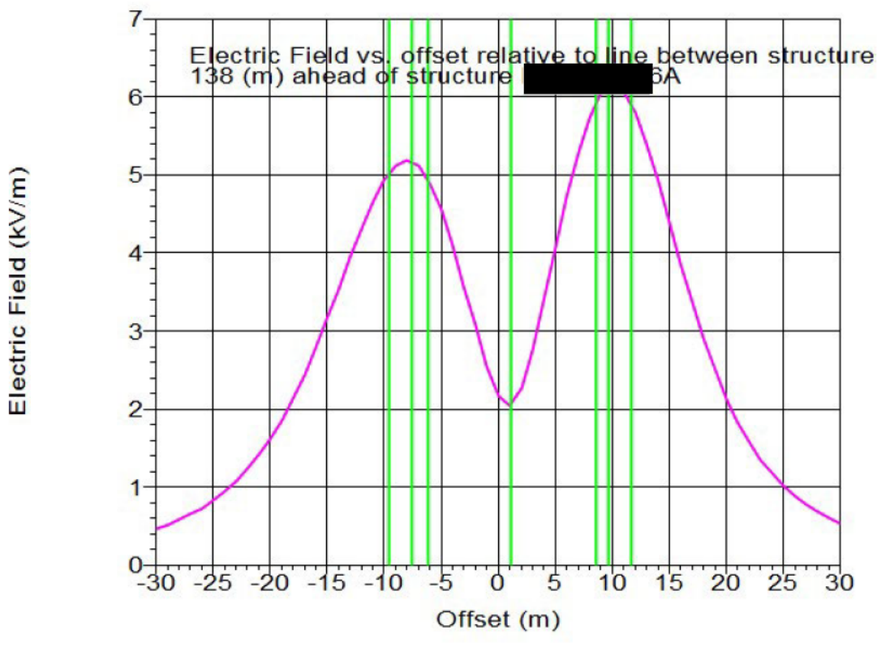
3D EMF Point Results Span from [redacted]-6R to [redacted]-6A:

Measurement			B					H	EF					Space Potential			
X (m)	Y (m)	Z (m)	Real (uT)	Imaginary (uT)	Angle (deg)	Magnitude (uT)	Polarization Axial Ratio %	Magnitude (A/m)	Real (kV/m)	Imaginary (kV/m)	Angle (deg)	Magnitude (kV/m)	Polarization Axial Ratio %	Real (kV)	Imaginary (kV)	Angle (deg)	Magnitude (kV)
248673.3	843275.9	115.0	5.117	3.510	34.4	6.205	42.0	4.938	0.388	0.284	36.2	0.481	20.6	2.091	-0.243	-6.6	2.105
248673.2	843276.9	114.8	5.359	3.634	34.1	6.475	41.7	5.152	0.431	0.296	34.4	0.523	19.3	2.159	-0.168	-4.4	2.165
248673.1	843277.9	114.5	5.608	3.760	33.8	6.752	41.2	5.373	0.477	0.307	32.7	0.567	18.1	2.217	-0.084	-2.2	2.219
248673.0	843278.9	114.1	5.790	3.841	33.6	6.948	40.7	5.529	0.524	0.315	31.0	0.611	16.4	2.150	0.081	2.2	2.152
248672.9	843279.9	113.6	5.937	3.900	33.3	7.103	40.0	5.653	0.572	0.321	29.3	0.655	14.5	2.000	0.284	8.1	2.020
248672.8	843280.8	113.3	6.164	4.008	33.0	7.352	39.5	5.851	0.625	0.326	27.6	0.705	13.4	1.946	0.419	12.2	1.990
248672.7	843281.8	113.6	6.624	4.254	32.7	7.872	39.2	6.265	0.688	0.335	26.0	0.766	13.8	2.248	0.372	9.4	2.279
248672.7	843282.8	113.9	7.144	4.530	32.4	8.459	38.9	6.732	0.756	0.343	24.4	0.831	14.3	2.620	0.314	6.8	2.639
248672.6	843283.8	113.2	7.196	4.531	32.2	8.504	38.1	6.767	0.807	0.338	22.7	0.875	12.4	2.225	0.608	15.3	2.306

248672.5	843284.8	112.7	7.317	4.575	32.0	8.630	37.4	6.868	0.860	0.331	21.1	0.922	10.9	1.906	0.842	23.8	2.084
248672.4	843285.8	112.4	7.494	4.653	31.8	8.821	36.7	7.020	0.915	0.323	19.5	0.970	10.0	1.657	1.031	31.9	1.951
248672.3	843286.8	112.0	7.636	4.714	31.7	8.974	36.0	7.141	0.966	0.311	17.8	1.015	9.0	1.329	1.229	42.8	1.810
248672.2	843287.8	111.7	7.815	4.799	31.6	9.171	35.4	7.298	1.017	0.296	16.2	1.059	8.3	1.052	1.394	52.9	1.746
248672.1	843288.8	111.9	8.261	5.028	31.3	9.670	34.9	7.695	1.072	0.283	14.8	1.109	8.8	1.217	1.432	49.6	1.880
248672.0	843289.8	112.0	8.675	5.241	31.1	10.135	34.3	8.065	1.122	0.266	13.4	1.153	9.2	1.312	1.500	48.8	1.993
248672.0	843290.8	111.9	8.914	5.363	31.0	10.403	33.7	8.278	1.158	0.243	11.8	1.183	9.1	1.116	1.635	55.7	1.979
248671.9	843291.8	111.7	9.135	5.479	31.0	10.652	33.1	8.477	1.185	0.216	10.3	1.204	9.1	0.894	1.766	63.1	1.980
248671.8	843292.8	111.6	9.335	5.589	30.9	10.880	32.5	8.658	1.202	0.187	8.8	1.216	9.2	0.650	1.893	71.1	2.002
248671.7	843293.8	111.5	9.512	5.692	30.9	11.085	31.9	8.821	1.208	0.158	7.5	1.218	9.4	0.385	2.014	79.2	2.050
248671.6	843294.8	111.3	9.665	5.786	30.9	11.264	31.4	8.964	1.201	0.134	6.4	1.209	9.8	0.104	2.125	87.2	2.128
248671.5	843295.8	111.2	9.791	5.871	30.9	11.416	31.0	9.085	1.182	0.123	5.9	1.189	10.3	-0.188	2.226	-85.2	2.234
248671.4	843296.8	110.9	9.762	5.878	31.1	11.395	30.6	9.068	1.146	0.128	6.4	1.153	10.6	-0.652	2.307	-74.2	2.397
248671.3	843297.8	110.5	9.620	5.828	31.2	11.247	30.3	8.950	1.095	0.155	8.1	1.106	10.7	-1.210	2.347	-62.7	2.640
248671.3	843298.8	110.1	9.477	5.777	31.4	11.099	30.0	8.832	1.034	0.201	11.0	1.053	11.2	-1.701	2.344	-54.0	2.896
248671.2	843299.8	109.8	9.361	5.741	31.5	10.981	29.8	8.738	0.964	0.257	14.9	0.997	12.3	-2.085	2.308	-47.9	3.110
248671.1	843300.8	109.5	9.208	5.685	31.7	10.822	29.7	8.612	0.884	0.318	19.8	0.940	14.1	-2.435	2.226	-42.4	3.299
248671.0	843301.8	109.2	9.048	5.624	31.9	10.654	29.6	8.478	0.798	0.382	25.6	0.885	16.9	-2.711	2.106	-37.8	3.433
248670.9	843302.8	109.0	8.874	5.554	32.0	10.469	29.5	8.331	0.706	0.448	32.4	0.836	20.9	-2.919	1.946	-33.7	3.508
248670.8	843303.8	108.7	8.703	5.484	32.2	10.287	29.5	8.186	0.612	0.514	40.0	0.799	25.8	-3.042	1.757	-30.0	3.513
248670.7	843304.8	108.4	8.522	5.405	32.4	10.091	29.6	8.030	0.519	0.578	48.1	0.776	31.0	-3.095	1.535	-26.4	3.455
248670.6	843305.8	108.2	8.335	5.321	32.6	9.888	29.7	7.869	0.431	0.640	56.1	0.771	35.2	-3.079	1.286	-22.7	3.337
248670.6	843306.7	108.0	8.140	5.229	32.7	9.675	29.8	7.699	0.354	0.698	63.1	0.783	37.3	-3.000	1.013	-18.7	3.166
248670.5	843307.7	107.8	7.946	5.135	32.9	9.461	30.0	7.529	0.298	0.752	68.4	0.809	36.7	-2.860	0.729	-14.3	2.952
248670.4	843308.7	107.7	7.862	5.111	33.0	9.378	30.2	7.462	0.259	0.799	72.1	0.840	32.4	-2.660	0.571	-12.1	2.720
248670.3	843309.7	107.8	7.807	5.107	33.2	9.329	30.4	7.424	0.249	0.840	73.5	0.876	27.3	-2.457	0.472	-10.9	2.502
248670.2	843310.7	107.8	7.728	5.085	33.3	9.251	30.6	7.361	0.275	0.874	72.5	0.916	22.8	-2.264	0.372	-9.3	2.294
248670.1	843311.7	107.8	7.624	5.045	33.5	9.142	30.9	7.275	0.323	0.902	70.3	0.958	19.2	-2.079	0.267	-7.3	2.096
248670.0	843312.7	107.8	7.498	4.989	33.6	9.006	31.2	7.167	0.379	0.922	67.7	0.997	16.2	-1.899	0.158	-4.8	1.906
248669.9	843313.7	107.8	7.352	4.916	33.8	8.844	31.5	7.038	0.436	0.935	65.0	1.031	13.9	-1.723	0.044	-1.5	1.724
248669.9	843314.7	107.8	7.194	4.832	33.9	8.666	31.9	6.896	0.489	0.940	62.5	1.059	11.9	-1.555	-0.064	2.4	1.556
248669.8	843315.7	107.8	7.031	4.743	34.0	8.481	32.3	6.749	0.536	0.938	60.3	1.080	10.3	-1.398	-0.158	6.4	1.407
248669.7	843316.7	107.8	6.851	4.638	34.1	8.273	32.7	6.584	0.577	0.928	58.1	1.093	9.1	-1.243	-0.258	11.7	1.269
248669.6	843317.7	107.8	6.649	4.514	34.2	8.037	33.2	6.395	0.611	0.912	56.2	1.098	8.1	-1.078	-0.378	19.3	1.142
248669.5	843318.7	107.7	6.441	4.382	34.2	7.790	33.6	6.199	0.637	0.890	54.4	1.094	7.4	-0.916	-0.495	28.4	1.041
248669.4	843319.7	107.7	6.231	4.245	34.3	7.540	34.1	6.000	0.657	0.862	52.7	1.084	6.8	-0.762	-0.602	38.3	0.971
248669.3	843320.7	107.6	6.018	4.104	34.3	7.284	34.5	5.797	0.669	0.830	51.1	1.066	6.3	-0.613	-0.702	48.9	0.932
248669.2	843321.7	107.5	5.795	3.951	34.3	7.014	34.9	5.582	0.676	0.794	49.6	1.042	6.0	-0.454	-0.813	60.8	0.931
248669.1	843322.7	107.4	5.563	3.790	34.3	6.731	35.3	5.356	0.677	0.755	48.1	1.014	5.8	-0.283	-0.935	73.1	0.977
248669.1	843323.7	107.2	5.331	3.625	34.2	6.447	35.7	5.130	0.672	0.714	46.7	0.980	5.8	-0.112	-1.053	83.9	1.058
248669.0	843324.7	107.1	5.106	3.465	34.2	6.170	36.1	4.910	0.663	0.671	45.3	0.944	5.8	0.048	-1.152	-87.6	1.153
248668.9	843325.7	107.0	4.888	3.308	34.1	5.902	36.5	4.697	0.651	0.628	44.0	0.904	5.9	0.194	-1.233	-81.1	1.249
248668.8	843326.7	106.8	4.678	3.156	34.0	5.643	36.8	4.490	0.635	0.585	42.7	0.863	6.0	0.327	-1.298	-75.9	1.338
248668.7	843327.7	106.7	4.475	3.008	33.9	5.392	37.1	4.291	0.616	0.542	41.4	0.820	6.2	0.446	-1.346	-71.7	1.418
248668.6	843328.7	106.5	4.281	2.866	33.8	5.151	37.4	4.099	0.595	0.500	40.1	0.777	6.5	0.552	-1.380	-68.2	1.486
248668.5	843329.7	106.4	4.094	2.729	33.7	4.920	37.7	3.915	0.572	0.460	38.8	0.734	6.7	0.644	-1.399	-65.3	1.540
248668.4	843330.7	106.3	3.915	2.598	33.6	4.698	37.9	3.739	0.548	0.421	37.5	0.691	7.1	0.723	-1.407	-62.8	1.582
248668.4	843331.7	106.1	3.744	2.472	33.4	4.486	38.1	3.570	0.524	0.384	36.2	0.649	7.4	0.789	-1.404	-60.6	1.610
248668.3	843332.6	106.2	3.618	2.380	33.3	4.331	38.4	3.446	0.498	0.348	35.0	0.608	7.4	0.738	-1.318	-60.7	1.511
248668.2	843333.6	106.4	3.508	2.299	33.2	4.194	38.7	3.337	0.473	0.315	33.7	0.568	7.2	0.653	-1.216	-61.8	1.380
248668.1	843334.6	106.5	3.398	2.218	33.1	4.058	39.0	3.229	0.447	0.283	32.4	0.529	7.0	0.572	-1.124	-63.0	1.261
248668.0	843335.6	106.7	3.294	2.141	33.0	3.929	39.2	3.126	0.422	0.254	31.0	0.493	6.9	0.486	-1.037	-64.9	1.145

Wire low point cross section results between structures [redacted]-6A and [redacted]-7R



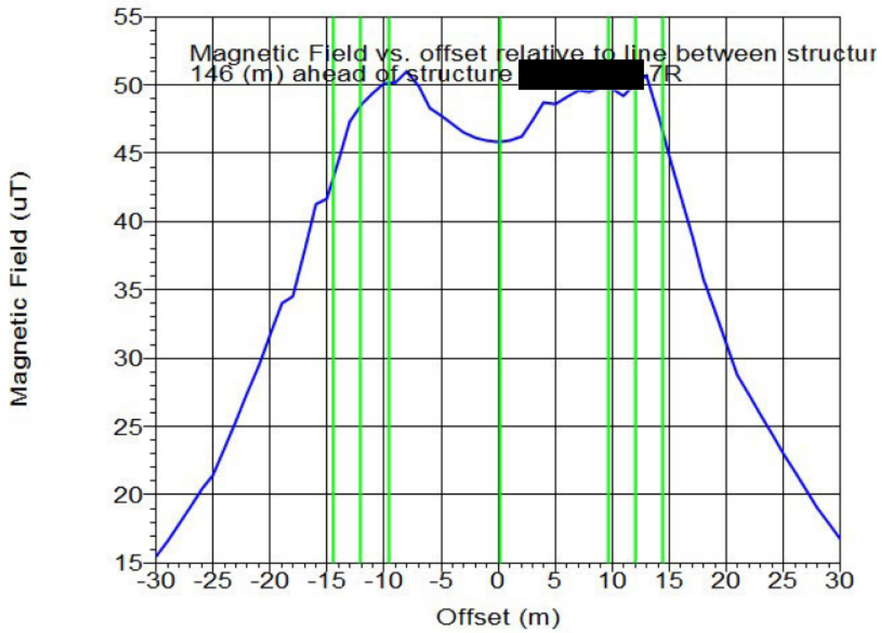


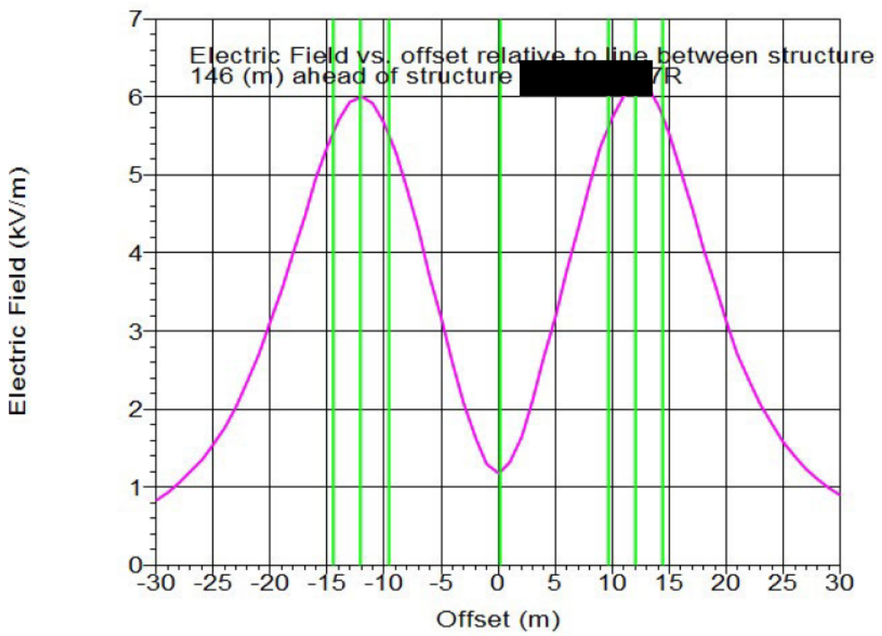
3D EMF Point Results Span from [redacted]-6A to [redacted]-7R:

Measurement			B					H	EF					Space Potential			
X (m)	Y (m)	Z (m)	Real (uT)	Imaginary (uT)	Angle (deg)	Magnitude (uT)	Polarization Axial Ratio %	Magnitude (A/m)	Real (kV/m)	Imaginary (kV/m)	Angle (deg)	Magnitude (kV/m)	Polarization Axial Ratio %	Real (kV)	Imaginary (kV)	Angle (deg)	Magnitude (kV)
248364.7	843156.7	131.8	5.601	4.037	35.8	6.904	44.1	5.494	0.153	0.439	70.7	0.465	27.8	-0.785	0.713	-42.3	1.060
248363.9	843157.3	132.0	6.047	4.299	35.4	7.419	44.1	5.904	0.192	0.481	68.3	0.518	26.3	-0.920	0.709	-37.6	1.161
248363.1	843157.9	132.2	6.527	4.573	35.0	7.969	44.0	6.342	0.244	0.525	65.1	0.579	25.0	-1.067	0.712	-33.7	1.283
248362.3	843158.5	132.3	7.061	4.872	34.6	8.579	43.9	6.827	0.309	0.573	61.7	0.651	23.4	-1.221	0.696	-29.7	1.406
248361.6	843159.1	132.5	7.648	5.192	34.2	9.244	43.7	7.356	0.389	0.622	57.9	0.734	21.8	-1.386	0.673	-25.9	1.541
248360.8	843159.7	132.6	8.249	5.504	33.7	9.917	43.4	7.892	0.489	0.673	54.0	0.832	20.8	-1.597	0.703	-23.8	1.745
248360.0	843160.4	132.7	8.922	5.847	33.2	10.667	43.0	8.489	0.608	0.726	50.1	0.947	19.5	-1.819	0.706	-21.2	1.951
248359.2	843161.0	132.9	9.718	6.247	32.7	11.553	42.6	9.194	0.747	0.778	46.2	1.079	17.5	-2.001	0.625	-17.3	2.096
248358.4	843161.6	133.1	10.569	6.659	32.2	12.492	42.1	9.941	0.913	0.830	42.3	1.234	15.8	-2.211	0.561	-14.2	2.281

248357.6	843162.2	133.3	11.574	7.135	31.7	13.596	41.6	10.819	1.107	0.879	38.5	1.413	13.5	-2.341	0.409	-9.9	2.376
248356.8	843162.8	133.5	12.716	7.659	31.1	14.844	40.9	11.813	1.331	0.924	34.8	1.620	11.2	-2.400	0.212	-5.0	2.410
248356.0	843163.4	133.8	13.974	8.214	30.4	16.209	40.1	12.899	1.590	0.964	31.2	1.859	9.1	-2.418	0.005	-0.1	2.418
248355.2	843164.0	133.9	15.242	8.743	29.8	17.571	39.1	13.983	1.887	0.997	27.9	2.134	7.7	-2.540	-0.121	2.7	2.543
248354.4	843164.6	134.0	16.659	9.315	29.2	19.087	38.0	15.189	2.220	1.021	24.7	2.444	6.3	-2.581	-0.283	6.2	2.597
248353.7	843165.3	134.2	18.277	9.950	28.6	20.810	36.8	16.560	2.587	1.032	21.8	2.785	4.8	-2.458	-0.498	11.5	2.508
248352.9	843165.9	134.4	20.136	10.658	27.9	22.783	35.5	18.130	2.980	1.030	19.1	3.153	3.4	-2.100	-0.766	20.0	2.235
248352.1	843166.5	134.6	22.208	11.421	27.2	24.973	34.1	19.873	3.393	1.013	16.6	3.541	2.1	-1.537	-1.046	34.2	1.859
248351.3	843167.1	134.9	24.533	12.253	26.5	27.423	32.5	21.823	3.810	0.979	14.4	3.934	1.0	-0.710	-1.337	62.0	1.514
248350.5	843167.7	135.2	27.110	13.152	25.9	30.132	30.8	23.978	4.214	0.929	12.4	4.315	0.6	0.376	-1.618	-76.9	1.661
248349.7	843168.3	135.3	29.521	13.985	25.3	32.666	29.0	25.995	4.578	0.861	10.7	4.658	0.9	1.229	-1.780	-55.4	2.163
248348.9	843168.9	135.4	31.764	14.783	25.0	35.036	27.2	27.881	4.872	0.776	9.0	4.933	1.1	1.922	-1.869	-44.2	2.681
248348.1	843169.6	135.7	34.532	15.781	24.6	37.967	25.2	30.214	5.077	0.676	7.6	5.122	1.5	3.223	-2.010	-31.9	3.798
248347.3	843170.2	135.9	37.242	16.818	24.3	40.863	23.2	32.518	5.166	0.561	6.2	5.197	2.0	4.468	-2.084	-25.0	4.930
248346.6	843170.8	136.0	38.995	17.660	24.4	42.807	21.4	34.065	5.101	0.430	4.8	5.119	2.2	4.880	-2.027	-22.6	5.284
248345.8	843171.4	136.0	40.210	18.451	24.6	44.241	19.7	35.206	4.885	0.288	3.4	4.894	2.5	4.944	-1.922	-21.2	5.304
248345.0	843172.0	136.1	41.196	19.289	25.1	45.488	18.2	36.198	4.539	0.170	2.1	4.542	3.2	4.933	-1.794	-20.0	5.249
248344.2	843172.6	136.2	42.049	20.214	25.7	46.655	16.8	37.127	4.085	0.222	3.1	4.091	4.7	4.888	-1.629	-18.4	5.152
248343.4	843173.2	136.3	42.834	21.255	26.4	47.818	15.4	38.052	3.552	0.425	6.8	3.577	7.9	4.793	-1.403	-16.3	4.994
248342.6	843173.9	136.5	43.941	22.581	27.2	49.404	14.1	39.314	2.985	0.695	13.1	3.064	14.8	4.767	-1.043	-12.3	4.880
248341.8	843174.5	136.5	43.657	23.483	28.3	49.572	13.4	39.448	2.351	0.989	22.8	2.551	24.0	3.996	-0.722	-10.2	4.061
248341.0	843175.1	136.4	43.043	24.300	29.4	49.429	13.1	39.334	1.709	1.326	37.8	2.163	36.5	3.149	-0.424	-7.7	3.178
248340.2	843175.7	136.4	42.575	25.228	30.6	49.488	12.9	39.381	1.121	1.711	56.8	2.045	44.0	2.398	-0.075	-1.8	2.399
248339.4	843176.3	136.5	42.362	26.343	31.9	49.885	12.9	39.697	0.754	2.140	70.6	2.269	35.2	1.691	0.400	13.3	1.738
248338.7	843176.9	136.6	42.381	27.660	33.1	50.608	13.1	40.273	0.905	2.608	70.9	2.761	23.6	0.935	1.061	48.6	1.415
248337.9	843177.5	136.7	42.374	29.016	34.4	51.357	13.5	40.869	1.373	3.101	66.1	3.391	15.5	0.099	1.833	86.9	1.836
248337.1	843178.2	136.8	42.302	30.361	35.7	52.070	14.2	41.436	1.906	3.598	62.1	4.072	10.6	-0.799	2.696	-73.5	2.812
248336.3	843178.8	136.8	41.564	31.145	36.8	51.938	15.3	41.331	2.400	4.058	59.4	4.714	7.2	-1.509	3.229	-64.9	3.564
248335.5	843179.4	136.8	40.724	31.766	38.0	51.648	16.7	41.100	2.852	4.455	57.4	5.290	5.2	-2.170	3.756	-60.0	4.338
248334.7	843180.0	136.7	39.215	31.644	38.9	50.390	18.4	40.099	3.214	4.736	55.8	5.724	4.0	-2.481	3.812	-56.9	4.548
248333.9	843180.6	136.8	38.363	32.060	39.9	49.996	20.0	39.785	3.509	4.910	54.5	6.035	3.7	-3.223	4.528	-54.6	5.558
248333.1	843181.2	136.9	37.209	32.076	40.8	49.126	21.8	39.094	3.693	4.929	53.2	6.159	3.7	-3.887	5.100	-52.7	6.413
248332.3	843181.8	137.0	35.415	31.263	41.4	47.240	23.9	37.592	3.753	4.770	51.8	6.069	3.8	-4.173	5.144	-50.9	6.624
248331.5	843182.4	137.0	33.309	29.927	41.9	44.779	26.0	35.634	3.706	4.461	50.3	5.800	4.1	-4.237	4.896	-49.1	6.475
248330.8	843183.1	137.0	31.016	28.190	42.3	41.912	28.2	33.353	3.573	4.041	48.5	5.394	4.5	-4.108	4.424	-47.1	6.037
248330.0	843183.7	137.0	28.895	26.490	42.5	39.200	30.4	31.195	3.382	3.563	46.5	4.912	5.1	-4.073	4.060	-44.9	5.751
248329.2	843184.3	137.0	26.761	24.618	42.6	36.362	32.5	28.936	3.148	3.057	44.2	4.388	5.8	-3.924	3.586	-42.4	5.315
248328.4	843184.9	137.1	24.741	22.747	42.6	33.609	34.6	26.745	2.894	2.560	41.5	3.863	6.6	-3.759	3.115	-39.6	4.882
248327.6	843185.5	137.1	22.797	20.855	42.5	30.897	36.6	24.587	2.631	2.092	38.5	3.362	7.4	-3.515	2.609	-36.6	4.378
248326.8	843186.1	137.2	21.094	19.174	42.3	28.506	38.5	22.685	2.375	1.675	35.2	2.906	8.6	-3.391	2.224	-33.3	4.055
248326.0	843186.7	137.1	19.309	17.318	41.9	25.937	40.1	20.640	2.126	1.303	31.5	2.494	9.0	-2.971	1.694	-29.7	3.420
248325.2	843187.4	137.1	17.712	15.650	41.5	23.636	41.6	18.809	1.894	0.988	27.5	2.136	9.4	-2.611	1.272	-26.0	2.904
248324.4	843188.0	137.1	16.361	14.251	41.1	21.698	43.0	17.266	1.680	0.728	23.4	1.831	10.3	-2.419	0.983	-22.1	2.611
248323.7	843188.6	137.2	15.154	13.001	40.6	19.967	44.2	15.889	1.485	0.518	19.2	1.573	11.4	-2.271	0.743	-18.1	2.390
248322.9	843189.2	137.2	14.046	11.855	40.2	18.380	45.3	14.627	1.308	0.352	15.1	1.354	12.5	-2.121	0.530	-14.0	2.186
248322.1	843189.8	137.3	13.029	10.811	39.7	16.930	46.2	13.472	1.148	0.230	11.4	1.171	13.5	-1.971	0.344	-9.9	2.001
248321.3	843190.4	137.3	12.075	9.839	39.2	15.576	46.9	12.395	1.004	0.154	8.7	1.016	14.3	-1.792	0.184	-5.9	1.802
248320.5	843191.0	137.3	11.183	8.942	38.6	14.319	47.5	11.394	0.875	0.131	8.5	0.885	14.6	-1.597	0.056	-2.0	1.598
248319.7	843191.7	137.4	10.428	8.194	38.2	13.262	48.0	10.553	0.761	0.155	11.5	0.777	15.9	-1.502	-0.057	2.2	1.503
248318.9	843192.3	137.6	9.757	7.538	37.7	12.330	48.5	9.812	0.660	0.188	15.9	0.687	17.7	-1.440	-0.167	6.6	1.450
248318.1	843192.9	137.6	9.073	6.881	37.2	11.387	48.7	9.061	0.570	0.212	20.4	0.608	18.0	-1.286	-0.235	10.4	1.307
248317.3	843193.5	137.6	8.441	6.286	36.7	10.524	48.7	8.375	0.490	0.230	25.1	0.541	18.2	-1.139	-0.282	13.9	1.174

Wire low point cross section results between structures [redacted]-7R and [redacted]-8R



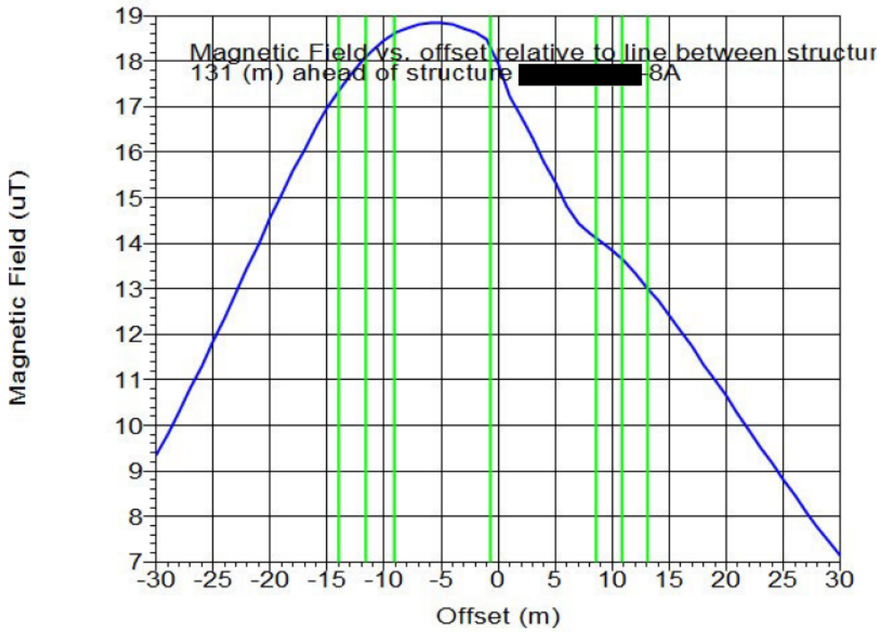


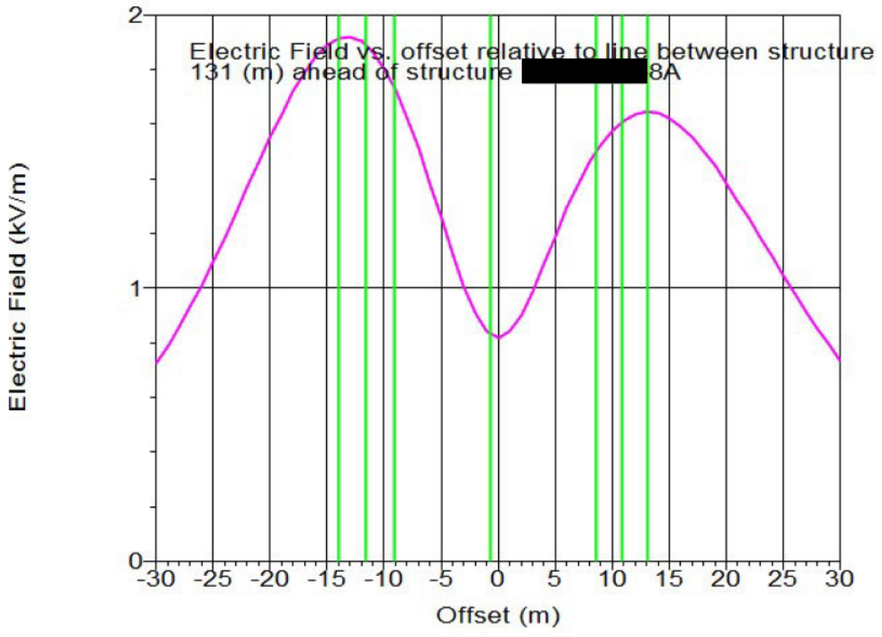
3D EMF Point Results Span from [redacted]-7R to [redacted]-8R:

Measurement			B					H	EF					Space Potential			
X (m)	Y (m)	Z (m)	Real (uT)	Imaginary (uT)	Angle (deg)	Magnitude (uT)	Polarization Axial Ratio %	Magnitude (A/m)	Real (kV/m)	Imaginary (kV/m)	Angle (deg)	Magnitude (kV/m)	Polarization Axial Ratio %	Real (kV)	Imaginary (kV)	Angle (deg)	Magnitude (kV)
248190.6	842930.9	135.2	13.201	8.006	31.2	15.439	38.8	12.286	0.303	0.779	68.7	0.836	7.4	0.467	-0.898	-62.5	1.012
248189.8	842931.5	135.4	14.317	8.533	30.8	16.667	39.2	13.263	0.408	0.844	64.2	0.938	8.7	0.649	-1.159	-60.8	1.328
248189.0	842932.1	135.4	15.403	8.976	30.2	17.828	39.1	14.187	0.533	0.910	59.6	1.054	8.6	0.779	-1.237	-57.8	1.462
248188.2	842932.7	135.4	16.599	9.441	29.6	19.096	38.9	15.196	0.684	0.976	55.0	1.192	8.4	0.934	-1.316	-54.6	1.614
248187.4	842933.3	135.4	17.915	9.927	29.0	20.482	38.6	16.299	0.865	1.041	50.3	1.354	8.2	1.120	-1.394	-51.2	1.788
248186.6	842933.9	135.0	18.884	10.157	28.3	21.442	37.6	17.063	1.077	1.102	45.6	1.541	4.9	0.915	-1.037	-48.6	1.383
248185.8	842934.5	135.3	20.844	10.899	27.6	23.522	37.3	18.718	1.333	1.163	41.1	1.769	7.2	1.504	-1.453	-44.0	2.091
248185.0	842935.1	135.4	22.685	11.494	26.9	25.430	36.5	20.237	1.631	1.217	36.7	2.035	7.4	1.903	-1.598	-40.0	2.485
248184.2	842935.7	135.4	24.573	12.044	26.1	27.366	35.4	21.777	1.975	1.261	32.6	2.343	7.1	2.252	-1.650	-36.2	2.791

248183.4	842936.3	135.4	26.614	12.603	25.3	29.448	34.2	23.434	2.366	1.295	28.7	2.697	6.6	2.649	-1.688	-32.5	3.141
248182.6	842936.9	135.4	28.799	13.166	24.6	31.666	32.8	25.199	2.805	1.315	25.1	3.098	6.1	3.092	-1.711	-29.0	3.534
248181.9	842937.5	135.4	31.108	13.728	23.8	34.002	31.3	27.058	3.284	1.320	21.9	3.540	5.5	3.575	-1.716	-25.6	3.966
248181.1	842938.2	134.9	31.669	13.696	23.4	34.504	29.4	27.457	3.769	1.301	19.0	3.987	2.5	2.178	-1.044	-25.6	2.415
248180.3	842938.8	135.2	35.065	14.577	22.6	37.974	27.8	30.219	4.296	1.276	16.5	4.482	3.5	3.731	-1.407	-20.7	3.988
248179.5	842939.4	135.4	38.318	15.362	21.8	41.282	26.0	32.852	4.815	1.235	14.4	4.970	3.8	5.107	-1.614	-17.5	5.356
248178.7	842940.0	135.1	38.737	15.409	21.7	41.690	24.3	33.176	5.224	1.169	12.6	5.353	2.3	3.741	-1.139	-16.9	3.911
248177.9	842940.6	135.2	41.554	16.124	21.2	44.573	22.4	35.470	5.597	1.098	11.1	5.704	2.4	4.942	-1.267	-14.4	5.102
248177.1	842941.2	135.4	44.204	16.835	20.8	47.301	20.4	37.641	5.855	1.019	9.9	5.943	2.5	6.133	-1.355	-12.5	6.281
248176.3	842941.8	135.4	45.413	17.282	20.8	48.591	18.6	38.667	5.934	0.930	8.9	6.006	2.2	6.206	-1.247	-11.4	6.330
248175.5	842942.4	135.4	46.146	17.709	21.0	49.427	16.9	39.333	5.850	0.836	8.1	5.909	1.9	6.115	-1.130	-10.5	6.219
248174.7	842943.0	135.4	46.693	18.188	21.3	50.110	15.2	39.876	5.619	0.738	7.5	5.667	1.8	6.118	-1.039	-9.6	6.206
248173.9	842943.6	135.5	46.647	18.621	21.8	50.227	13.6	39.969	5.252	0.637	6.9	5.291	1.9	5.831	-0.918	-8.9	5.903
248173.1	842944.2	135.6	47.163	19.291	22.2	50.956	12.0	40.550	4.812	0.537	6.4	4.841	2.3	6.155	-0.861	-8.0	6.215
248172.3	842944.8	135.6	45.879	19.570	23.1	49.879	10.9	39.692	4.268	0.423	5.7	4.289	2.7	5.149	-0.655	-7.2	5.190
248171.5	842945.4	135.4	44.144	19.744	24.1	48.358	10.1	38.482	3.691	0.298	4.6	3.703	3.3	3.914	-0.439	-6.4	3.939
248170.7	842946.1	135.4	43.267	20.207	25.0	47.753	9.2	38.001	3.131	0.204	3.7	3.137	4.9	3.375	-0.272	-4.6	3.386
248169.9	842946.7	135.4	42.362	20.695	26.0	47.146	8.4	37.518	2.582	0.201	4.4	2.589	7.7	2.814	-0.089	-1.8	2.815
248169.1	842947.3	135.4	41.442	21.198	27.1	46.549	7.9	37.043	2.054	0.317	8.8	2.078	12.5	2.231	0.105	2.7	2.233
248168.4	842947.9	135.4	40.688	21.785	28.2	46.153	7.5	36.727	1.557	0.497	17.7	1.635	21.4	1.713	0.316	10.5	1.742
248167.6	842948.5	135.4	40.053	22.439	29.3	45.910	7.2	36.534	1.097	0.712	33.0	1.308	37.0	1.220	0.545	24.1	1.336
248166.8	842949.1	135.4	39.548	23.168	30.4	45.834	7.1	36.474	0.693	0.958	54.1	1.182	49.7	0.750	0.793	46.6	1.092
248166.0	842949.7	135.4	39.174	23.977	31.5	45.929	7.1	36.549	0.447	1.235	70.1	1.314	36.0	0.300	1.062	74.2	1.104
248165.2	842950.3	135.4	38.923	24.866	32.6	46.188	7.3	36.755	0.568	1.545	69.8	1.646	20.6	-0.135	1.355	-84.3	1.362
248164.4	842950.9	135.6	39.448	26.309	33.7	47.416	7.3	37.732	0.950	1.898	63.4	2.122	13.8	-0.709	2.028	-70.7	2.148
248163.6	842951.5	135.7	39.982	27.829	34.8	48.714	7.5	38.765	1.358	2.283	59.3	2.657	9.2	-1.396	2.787	-63.4	3.117
248162.8	842952.1	135.6	39.419	28.501	35.9	48.643	8.5	38.709	1.730	2.680	57.2	3.190	5.2	-1.682	2.857	-59.5	3.315
248162.0	842952.7	135.5	39.264	29.462	36.9	49.088	9.4	39.063	2.128	3.102	55.6	3.762	3.3	-2.047	3.146	-57.0	3.753
248161.2	842953.3	135.5	39.165	30.447	37.9	49.608	10.5	39.477	2.521	3.529	54.5	4.337	2.4	-2.416	3.481	-55.2	4.237
248160.4	842954.0	135.4	38.617	30.966	38.7	49.499	11.8	39.390	2.885	3.928	53.7	4.874	1.7	-2.505	3.454	-54.1	4.266
248159.6	842954.6	135.4	38.354	31.708	39.6	49.764	13.2	39.601	3.221	4.286	53.1	5.361	1.6	-2.821	3.756	-53.1	4.697
248158.8	842955.2	135.4	37.882	32.190	40.4	49.712	14.7	39.559	3.501	4.561	52.5	5.750	1.6	-3.088	3.987	-52.2	5.043
248158.0	842955.8	135.4	37.156	32.341	41.0	49.259	16.3	39.199	3.710	4.723	51.8	6.006	1.8	-3.291	4.123	-51.4	5.276
248157.2	842956.4	135.6	37.298	33.420	41.9	50.081	17.8	39.853	3.860	4.791	51.1	6.153	2.4	-4.407	5.364	-50.6	6.942
248156.4	842957.0	135.9	37.289	34.340	42.6	50.692	19.5	40.339	3.931	4.736	50.3	6.155	3.5	-5.617	6.609	-49.6	8.673
248155.6	842957.6	135.8	34.984	32.429	42.8	47.702	21.6	37.960	3.859	4.448	49.1	5.889	3.7	-4.985	5.586	-48.3	7.487
248154.9	842958.2	135.7	32.759	30.467	42.9	44.737	23.7	35.601	3.723	4.065	47.5	5.512	3.9	-4.434	4.688	-46.6	6.453
248154.1	842958.8	135.6	30.695	28.571	42.9	41.934	25.7	33.370	3.536	3.621	45.7	5.061	4.3	-4.040	3.990	-44.6	5.678
248153.3	842959.4	135.5	28.553	26.455	42.8	38.925	27.6	30.975	3.311	3.139	43.5	4.562	4.6	-3.518	3.205	-42.3	4.759
248152.5	842960.0	135.4	26.402	24.223	42.5	35.830	29.5	28.513	3.064	2.653	40.9	4.053	4.5	-2.886	2.390	-39.6	3.747
248151.7	842960.6	135.4	24.680	22.447	42.3	33.361	31.3	26.548	2.813	2.196	38.0	3.569	5.1	-2.683	2.003	-36.7	3.348
248150.9	842961.2	135.4	23.075	20.752	42.0	31.034	33.0	24.696	2.563	1.775	34.7	3.118	5.7	-2.527	1.677	-33.6	3.033
248150.1	842961.9	135.4	21.542	19.094	41.6	28.786	34.6	22.907	2.321	1.399	31.1	2.710	6.3	-2.341	1.358	-30.1	2.707
248149.3	842962.5	135.7	20.515	18.015	41.3	27.302	36.4	21.726	2.094	1.085	27.4	2.358	9.0	-2.761	1.375	-26.5	3.084
248148.5	842963.1	136.1	19.547	16.971	41.0	25.886	38.2	20.599	1.882	0.825	23.7	2.055	12.3	-3.146	1.296	-22.4	3.403
248147.7	842963.7	136.4	18.582	15.900	40.6	24.456	39.8	19.461	1.686	0.618	20.1	1.796	15.7	-3.408	1.106	-18.0	3.583
248146.9	842964.3	136.7	17.635	14.832	40.1	23.043	41.4	18.337	1.506	0.464	17.1	1.576	19.1	-3.568	0.845	-13.3	3.667
248146.1	842964.9	137.1	16.715	13.787	39.5	21.668	42.8	17.242	1.342	0.364	15.2	1.391	22.5	-3.642	0.544	-8.5	3.683
248145.3	842965.5	137.4	15.828	12.779	38.9	20.342	44.0	16.188	1.194	0.315	14.8	1.235	25.6	-3.646	0.228	-3.6	3.653
248144.5	842966.1	137.7	14.976	11.817	38.3	19.077	45.1	15.181	1.060	0.304	16.0	1.103	28.6	-3.592	-0.087	1.4	3.593
248143.7	842966.7	138.1	14.162	10.908	37.6	17.876	46.0	14.225	0.939	0.313	18.4	0.990	31.1	-3.493	-0.388	6.3	3.515
248142.9	842967.3	138.4	13.386	10.057	36.9	16.743	46.7	13.324	0.832	0.328	21.6	0.894	33.4	-3.359	-0.665	11.2	3.424

Wire low point cross section results between structures [redacted]-8A and [redacted]-9R



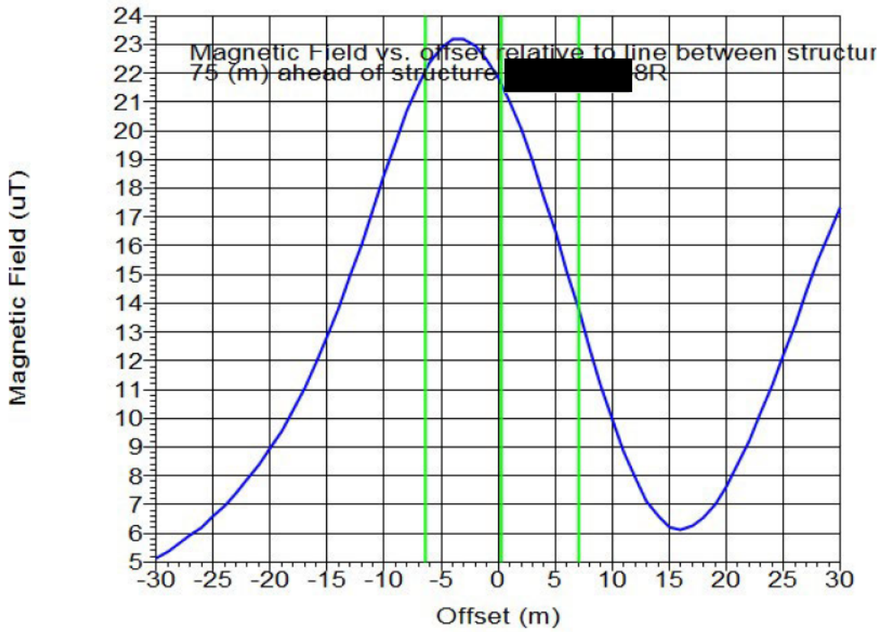


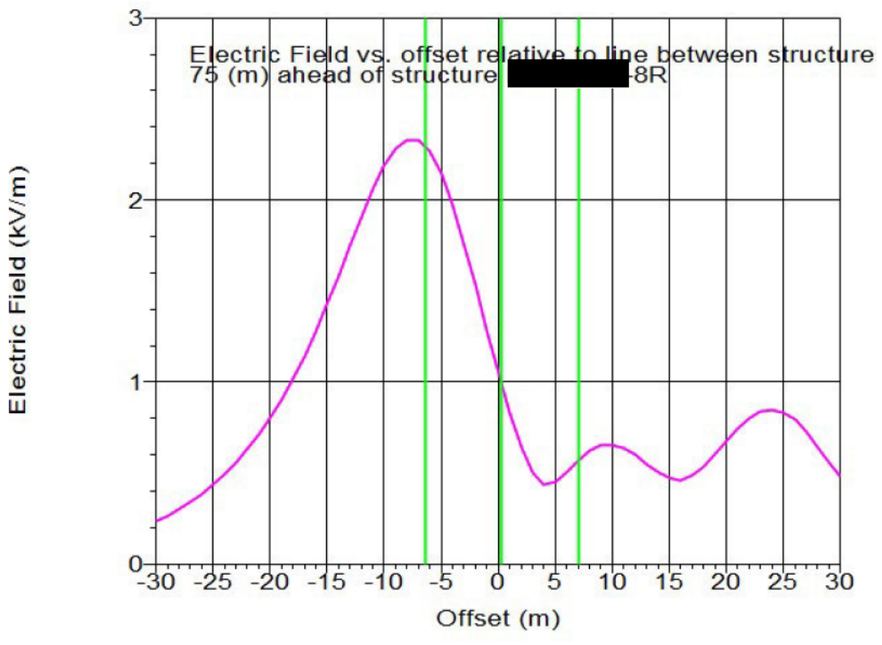
3D EMF Point Results Span from [redacted]-8A to [redacted]-9R:

Measurement			B					H	EF					Space Potential			
X (m)	Y (m)	Z (m)	Real (uT)	Imaginary (uT)	Angle (deg)	Magnitude (uT)	Polarization Axial Ratio %	Magnitude (A/m)	Real (kV/m)	Imaginary (kV/m)	Angle (deg)	Magnitude (kV/m)	Polarization Axial Ratio %	Real (kV)	Imaginary (kV)	Angle (deg)	Magnitude (kV)
247988.8	842593.8	126.8	7.686	5.314	34.7	9.345	37.6	7.436	0.540	0.478	41.5	0.721	14.2	1.981	-0.919	-24.9	2.184
247987.8	842594.1	126.7	8.117	5.512	34.2	9.812	37.2	7.808	0.609	0.497	39.2	0.786	13.2	2.087	-0.876	-22.8	2.263
247986.9	842594.4	126.6	8.566	5.714	33.7	10.296	36.7	8.194	0.684	0.515	37.0	0.856	12.3	2.186	-0.824	-20.6	2.336
247985.9	842594.7	126.5	9.032	5.918	33.2	10.798	36.2	8.592	0.765	0.532	34.8	0.931	11.4	2.277	-0.761	-18.5	2.401
247985.0	842595.0	126.4	9.513	6.123	32.8	11.314	35.6	9.003	0.851	0.546	32.7	1.011	10.5	2.357	-0.688	-16.3	2.455
247984.0	842595.3	126.2	10.009	6.330	32.3	11.842	34.9	9.424	0.943	0.558	30.6	1.096	9.7	2.421	-0.604	-14.0	2.495
247983.1	842595.6	126.1	10.515	6.537	31.9	12.381	34.2	9.852	1.040	0.566	28.6	1.184	8.9	2.467	-0.509	-11.7	2.519
247982.1	842595.9	126.0	11.026	6.741	31.4	12.923	33.4	10.284	1.140	0.572	26.6	1.275	8.2	2.486	-0.402	-9.2	2.518
247981.1	842596.1	125.9	11.529	6.939	31.0	13.456	32.6	10.708	1.242	0.573	24.8	1.368	7.4	2.461	-0.277	-6.4	2.476

247980.2	842596.4	125.8	12.041	7.139	30.7	13.998	31.8	11.139	1.345	0.569	22.9	1.460	6.8	2.421	-0.151	-3.6	2.426
247979.2	842596.7	125.6	12.556	7.340	30.3	14.544	30.9	11.574	1.446	0.562	21.2	1.552	6.3	2.363	-0.023	-0.6	2.363
247978.3	842597.0	125.5	13.061	7.538	30.0	15.080	30.1	12.000	1.544	0.549	19.6	1.639	5.8	2.271	0.113	2.8	2.274
247977.3	842597.3	125.4	13.547	7.730	29.7	15.598	29.2	12.412	1.635	0.531	18.0	1.719	5.5	2.141	0.255	6.8	2.156
247976.4	842597.6	125.3	14.003	7.913	29.5	16.084	28.3	12.799	1.716	0.507	16.5	1.790	5.2	1.963	0.405	11.7	2.004
247975.4	842597.9	125.2	14.429	8.090	29.3	16.542	27.4	13.163	1.785	0.478	15.0	1.848	5.0	1.747	0.558	17.7	1.835
247974.4	842598.2	125.1	14.819	8.259	29.1	16.965	26.5	13.501	1.838	0.443	13.6	1.891	4.9	1.498	0.713	25.5	1.659
247973.5	842598.4	125.0	15.171	8.421	29.0	17.351	25.7	13.808	1.873	0.403	12.2	1.916	5.0	1.218	0.868	35.5	1.496
247972.5	842598.7	124.8	15.479	8.574	29.0	17.695	24.9	14.081	1.887	0.359	10.8	1.921	5.2	0.915	1.021	48.1	1.371
247971.6	842599.0	124.7	15.741	8.719	29.0	17.995	24.1	14.320	1.879	0.311	9.4	1.904	5.5	0.593	1.170	63.1	1.312
247970.6	842599.3	124.6	15.956	8.855	29.0	18.249	23.4	14.522	1.848	0.260	8.0	1.866	6.0	0.263	1.315	78.7	1.341
247969.6	842599.6	124.5	16.124	8.982	29.1	18.457	22.7	14.687	1.794	0.210	6.7	1.806	6.6	-0.070	1.454	-87.2	1.456
247968.7	842599.9	124.4	16.244	9.099	29.3	18.619	22.1	14.817	1.717	0.167	5.6	1.725	7.6	-0.397	1.586	-76.0	1.635
247967.7	842600.2	124.3	16.319	9.206	29.4	18.737	21.6	14.910	1.619	0.146	5.2	1.626	8.8	-0.709	1.709	-67.5	1.850
247966.8	842600.5	124.1	16.350	9.303	29.6	18.812	21.1	14.970	1.502	0.162	6.2	1.511	10.4	-1.002	1.822	-61.2	2.079
247965.8	842600.7	124.0	16.341	9.390	29.9	18.846	20.8	14.997	1.369	0.211	8.8	1.385	12.6	-1.268	1.924	-56.6	2.305
247964.9	842601.0	123.9	16.293	9.464	30.2	18.842	20.4	14.994	1.223	0.278	12.8	1.254	15.4	-1.504	2.014	-53.2	2.514
247963.9	842601.3	123.8	16.209	9.526	30.4	18.801	20.2	14.962	1.067	0.356	18.4	1.125	19.2	-1.707	2.090	-50.8	2.699
247962.9	842601.6	123.7	16.093	9.575	30.8	18.726	20.1	14.902	0.905	0.438	25.8	1.006	24.0	-1.875	2.151	-48.9	2.854
247962.0	842601.9	123.6	15.947	9.610	31.1	18.618	20.0	14.816	0.740	0.524	35.3	0.907	29.5	-2.006	2.196	-47.6	2.974
247961.0	842602.2	123.4	15.772	9.629	31.4	18.479	20.0	14.705	0.578	0.611	46.6	0.841	34.2	-2.101	2.223	-46.6	3.059
247960.1	842602.5	123.1	15.245	9.434	31.8	17.928	20.2	14.266	0.430	0.694	58.2	0.816	36.1	-2.262	2.061	-42.3	3.060
247959.1	842602.8	122.6	14.595	9.148	32.1	17.225	20.6	13.707	0.326	0.775	67.2	0.840	36.8	-2.325	1.762	-37.2	2.918
247958.2	842603.0	122.3	14.164	8.981	32.4	16.771	20.9	13.346	0.286	0.855	71.5	0.901	33.3	-2.228	1.537	-34.6	2.707
247957.2	842603.3	122.0	13.724	8.797	32.7	16.301	21.2	12.972	0.333	0.930	70.3	0.988	28.7	-2.048	1.268	-31.8	2.408
247956.2	842603.6	121.8	13.278	8.596	32.9	15.817	21.6	12.587	0.429	1.000	66.8	1.088	24.4	-1.793	0.958	-28.1	2.033
247955.3	842603.9	121.5	12.827	8.379	33.2	15.321	22.1	12.192	0.541	1.062	63.0	1.192	20.8	-1.472	0.612	-22.6	1.594
247954.3	842604.2	121.2	12.374	8.148	33.4	14.816	22.6	11.790	0.653	1.116	59.7	1.293	17.8	-1.092	0.238	-12.3	1.118
247953.4	842604.5	121.0	12.018	7.975	33.6	14.423	23.0	11.478	0.753	1.161	57.0	1.384	15.1	-0.732	-0.037	2.9	0.733
247952.4	842604.8	121.0	11.822	7.909	33.8	14.224	23.5	11.319	0.837	1.196	55.0	1.460	12.3	-0.492	-0.096	11.0	0.501
247951.4	842605.1	121.0	11.636	7.847	34.0	14.035	23.9	11.168	0.913	1.221	53.2	1.525	10.0	-0.303	-0.106	19.3	0.321
247950.5	842605.3	121.1	11.447	7.777	34.2	13.838	24.5	11.012	0.979	1.235	51.6	1.576	8.2	-0.159	-0.085	28.1	0.180
247949.5	842605.6	121.2	11.243	7.691	34.4	13.621	25.0	10.840	1.035	1.237	50.1	1.613	6.8	-0.048	-0.049	45.5	0.068
247948.6	842605.9	121.2	10.977	7.551	34.5	13.324	25.6	10.603	1.081	1.228	48.6	1.636	5.8	0.092	-0.073	-38.3	0.118
247947.6	842606.2	121.2	10.733	7.422	34.7	13.049	26.2	10.384	1.116	1.208	47.3	1.645	4.8	0.168	-0.038	-12.9	0.172
247946.7	842606.5	121.2	10.462	7.263	34.8	12.736	26.8	10.135	1.140	1.179	46.0	1.640	4.1	0.244	-0.024	-5.6	0.245
247945.7	842606.8	121.3	10.186	7.095	34.9	12.413	27.4	9.878	1.153	1.140	44.7	1.621	3.4	0.295	0.002	0.5	0.295
247944.7	842607.1	121.3	9.908	6.919	34.9	12.085	28.1	9.617	1.157	1.093	43.4	1.592	2.8	0.320	0.040	7.1	0.323
247943.8	842607.4	121.4	9.607	6.718	35.0	11.723	28.7	9.329	1.151	1.040	42.1	1.551	2.3	0.359	0.052	8.2	0.363
247942.8	842607.6	121.4	9.303	6.508	35.0	11.353	29.3	9.035	1.138	0.981	40.8	1.502	1.9	0.387	0.063	9.3	0.392
247941.9	842607.9	121.4	9.008	6.301	35.0	10.993	29.9	8.748	1.117	0.919	39.4	1.447	1.5	0.383	0.093	13.7	0.394
247940.9	842608.2	121.5	8.724	6.097	34.9	10.644	30.5	8.470	1.091	0.854	38.1	1.385	1.2	0.349	0.138	21.6	0.376
247940.0	842608.5	121.6	8.434	5.884	34.9	10.284	31.1	8.183	1.059	0.788	36.7	1.320	0.9	0.322	0.168	27.5	0.363
247939.0	842608.8	121.6	8.117	5.643	34.8	9.885	31.7	7.867	1.023	0.722	35.2	1.252	0.9	0.350	0.149	23.0	0.380
247938.0	842609.1	121.6	7.827	5.422	34.7	9.522	32.2	7.577	0.984	0.657	33.7	1.183	0.9	0.325	0.164	26.7	0.364
247937.1	842609.4	121.7	7.548	5.207	34.6	9.169	32.7	7.297	0.943	0.594	32.2	1.114	1.2	0.286	0.182	32.5	0.339
247936.1	842609.7	121.7	7.260	4.982	34.5	8.805	33.2	7.007	0.899	0.533	30.7	1.046	1.4	0.275	0.178	32.9	0.327
247935.2	842609.9	121.8	6.973	4.756	34.3	8.441	33.6	6.717	0.855	0.475	29.1	0.978	1.6	0.277	0.163	30.5	0.321
247934.2	842610.2	121.8	6.714	4.552	34.1	8.111	34.0	6.455	0.811	0.421	27.4	0.914	1.9	0.233	0.172	36.4	0.289
247933.3	842610.5	121.9	6.454	4.346	34.0	7.781	34.3	6.192	0.766	0.370	25.8	0.851	2.1	0.207	0.167	39.0	0.266
247932.3	842610.8	121.9	6.198	4.142	33.8	7.455	34.6	5.932	0.723	0.323	24.1	0.792	2.4	0.191	0.156	39.2	0.247
247931.3	842611.1	122.0	5.943	3.939	33.5	7.130	34.9	5.674	0.680	0.280	22.4	0.735	2.5	0.194	0.137	35.2	0.237

Wire low point cross section results between structures [redacted]/[redacted]-8R and Gantry 1



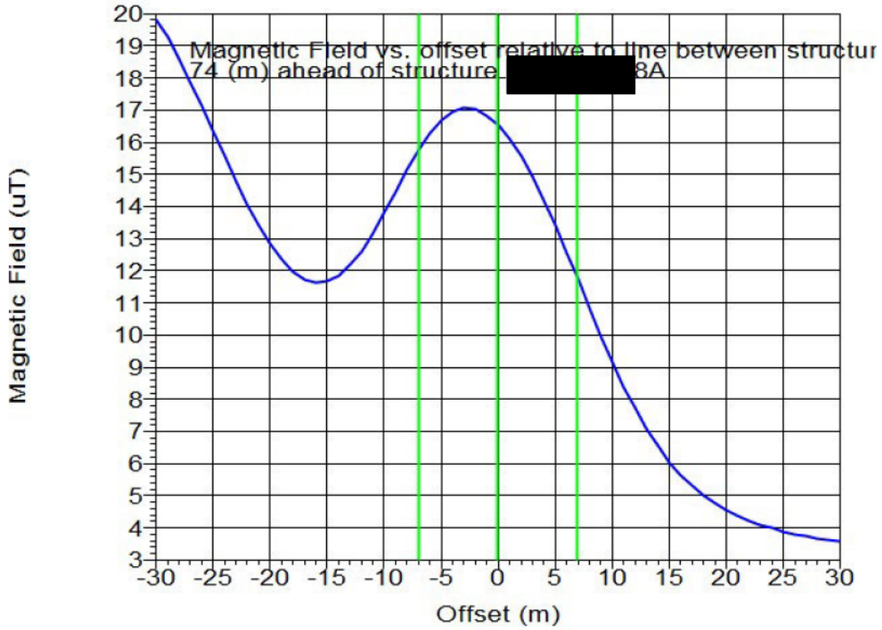


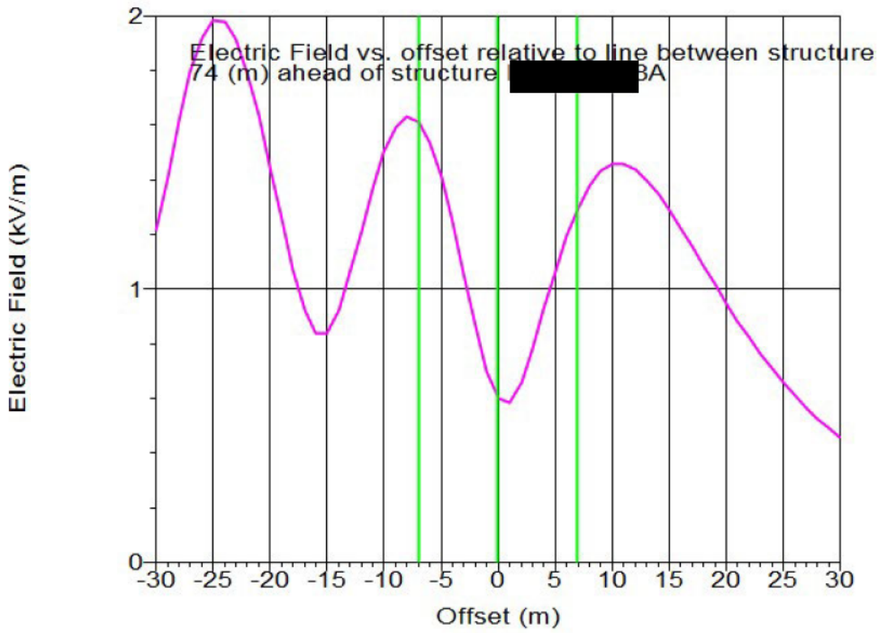
3D EMF Point Results Span from [redacted]-8R to Gantry 1:

Measurement			B					H	EF					Space Potential			
X (m)	Y (m)	Z (m)	Real (uT)	Imaginary (uT)	Angle (deg)	Magnitude (uT)	Polarization Axial Ratio %	Magnitude (A/m)	Real (kV/m)	Imaginary (kV/m)	Angle (deg)	Magnitude (kV/m)	Polarization Axial Ratio %	Real (kV)	Imaginary (kV)	Angle (deg)	Magnitude (kV)
248208.3	842885.1	128.0	4.611	2.266	26.2	5.138	8.7	4.089	0.234	0.045	10.9	0.239	3.2	0.547	-0.063	-6.6	0.551
248207.7	842884.2	128.0	4.841	2.340	25.8	5.377	8.6	4.279	0.265	0.051	10.9	0.270	2.7	0.571	-0.071	-7.1	0.575
248207.2	842883.4	128.0	5.093	2.420	25.4	5.639	8.4	4.487	0.300	0.058	10.9	0.305	2.3	0.599	-0.079	-7.5	0.604
248206.7	842882.5	128.0	5.370	2.506	25.0	5.926	8.4	4.716	0.338	0.065	10.9	0.344	2.0	0.631	-0.088	-8.0	0.637
248206.1	842881.7	128.0	5.674	2.600	24.6	6.242	8.3	4.967	0.382	0.073	10.9	0.389	1.7	0.667	-0.098	-8.4	0.675
248205.6	842880.8	128.0	6.009	2.702	24.2	6.589	8.3	5.243	0.431	0.083	10.9	0.439	1.4	0.710	-0.109	-8.7	0.718
248205.0	842880.0	128.0	6.379	2.813	23.8	6.971	8.3	5.548	0.486	0.093	10.9	0.495	1.2	0.759	-0.121	-9.1	0.768
248204.5	842879.2	128.0	6.787	2.934	23.4	7.394	8.3	5.884	0.549	0.105	10.9	0.559	1.1	0.815	-0.134	-9.4	0.826
248204.0	842878.3	128.0	7.239	3.065	22.9	7.861	8.4	6.255	0.619	0.119	10.8	0.631	1.0	0.879	-0.149	-9.6	0.891

248203.4	842877.5	128.0	7.739	3.208	22.5	8.377	8.6	6.667	0.699	0.134	10.8	0.712	0.9	0.952	-0.165	-9.9	0.966
248202.9	842876.6	128.0	8.293	3.365	22.1	8.949	8.8	7.122	0.788	0.151	10.8	0.803	0.8	1.035	-0.184	-10.1	1.051
248202.4	842875.8	128.0	8.906	3.535	21.7	9.582	9.0	7.625	0.889	0.170	10.8	0.905	0.7	1.128	-0.204	-10.2	1.146
248201.8	842874.9	128.0	9.585	3.722	21.2	10.283	9.3	8.183	1.000	0.192	10.8	1.019	0.7	1.233	-0.226	-10.4	1.253
248201.3	842874.1	128.0	10.334	3.926	20.8	11.055	9.6	8.797	1.124	0.216	10.9	1.144	0.7	1.349	-0.252	-10.6	1.372
248200.8	842873.2	128.0	11.158	4.150	20.4	11.905	10.0	9.474	1.259	0.244	11.0	1.282	0.8	1.477	-0.280	-10.7	1.503
248200.2	842872.4	128.0	12.059	4.395	20.0	12.835	10.5	10.213	1.404	0.275	11.1	1.431	0.8	1.614	-0.312	-10.9	1.644
248199.7	842871.6	128.0	13.035	4.663	19.7	13.843	11.0	11.016	1.557	0.310	11.3	1.587	0.9	1.759	-0.347	-11.2	1.793
248199.1	842870.7	128.0	14.079	4.956	19.4	14.926	11.6	11.878	1.713	0.350	11.5	1.749	1.0	1.908	-0.387	-11.5	1.946
248198.6	842869.9	128.0	15.179	5.276	19.2	16.070	12.3	12.788	1.867	0.394	11.9	1.908	1.2	2.053	-0.431	-11.9	2.097
248198.1	842869.0	128.0	16.311	5.625	19.0	17.254	13.1	13.730	2.009	0.444	12.5	2.057	1.4	2.186	-0.480	-12.4	2.238
248197.5	842868.2	128.0	17.442	6.004	19.0	18.447	13.9	14.679	2.127	0.499	13.2	2.185	1.7	2.297	-0.534	-13.1	2.359
248197.0	842867.3	128.0	18.527	6.414	19.1	19.606	14.8	15.602	2.211	0.559	14.2	2.280	2.1	2.374	-0.593	-14.0	2.447
248196.5	842866.5	128.0	19.513	6.854	19.4	20.682	15.8	16.458	2.246	0.623	15.5	2.331	2.7	2.405	-0.656	-15.3	2.492
248195.9	842865.7	128.0	20.343	7.323	19.8	21.621	16.9	17.205	2.224	0.688	17.2	2.328	3.3	2.379	-0.720	-16.8	2.485
248195.4	842864.8	128.0	20.963	7.816	20.4	22.373	18.1	17.804	2.137	0.753	19.4	2.265	4.2	2.291	-0.783	-18.9	2.421
248194.9	842864.0	128.0	21.330	8.324	21.3	22.897	19.4	18.221	1.985	0.811	22.2	2.145	5.3	2.141	-0.840	-21.4	2.300
248194.3	842863.1	128.0	21.418	8.837	22.4	23.169	20.7	18.438	1.777	0.859	25.8	1.973	6.6	1.936	-0.886	-24.6	2.129
248193.8	842862.3	128.0	21.221	9.337	23.7	23.184	21.9	18.449	1.523	0.888	30.2	1.763	8.2	1.685	-0.915	-28.5	1.918
248193.2	842861.4	128.0	20.752	9.803	25.3	22.951	23.1	18.264	1.240	0.893	35.7	1.528	10.3	1.406	-0.921	-33.2	1.681
248192.7	842860.6	128.0	20.040	10.210	27.0	22.491	24.1	17.898	0.948	0.868	42.5	1.285	12.9	1.115	-0.899	-38.9	1.433
248192.2	842859.7	128.0	19.125	10.529	28.8	21.832	24.9	17.374	0.666	0.810	50.6	1.048	16.4	0.829	-0.846	-45.6	1.184
248191.6	842858.9	128.0	18.053	10.734	30.7	21.003	25.3	16.713	0.413	0.719	60.1	0.829	21.6	0.560	-0.760	-53.6	0.944
248191.1	842858.1	128.0	16.867	10.800	32.6	20.029	25.5	15.939	0.231	0.599	68.9	0.642	30.2	0.320	-0.646	-63.7	0.721
248190.6	842857.2	128.0	15.612	10.713	34.5	18.934	25.3	15.067	0.211	0.458	65.3	0.505	43.5	0.116	-0.510	-77.2	0.523
248190.0	842856.4	128.0	14.324	10.465	36.2	17.740	24.9	14.117	0.312	0.310	44.8	0.440	51.7	-0.049	-0.360	82.2	0.363
248189.5	842855.5	128.0	13.035	10.065	37.7	16.468	24.3	13.105	0.412	0.181	23.7	0.450	39.6	-0.174	-0.206	49.7	0.269
248188.9	842854.7	128.0	11.773	9.527	39.0	15.145	23.7	12.052	0.482	0.149	17.2	0.505	26.2	-0.259	-0.057	12.3	0.265
248188.4	842853.8	128.0	10.562	8.879	40.1	13.799	23.0	10.981	0.518	0.236	24.5	0.569	18.2	-0.307	0.078	-14.3	0.317
248187.9	842853.0	128.0	9.425	8.153	40.9	12.462	22.4	9.917	0.520	0.338	33.1	0.620	13.8	-0.321	0.193	-31.0	0.375
248187.3	842852.2	128.0	8.381	7.383	41.4	11.169	21.9	8.888	0.493	0.424	40.7	0.650	11.7	-0.305	0.283	-42.9	0.417
248186.8	842851.3	128.0	7.452	6.602	41.5	9.956	21.5	7.923	0.439	0.485	47.8	0.655	11.0	-0.264	0.348	-52.8	0.437
248186.3	842850.5	128.0	6.659	5.841	41.3	8.857	21.4	7.049	0.366	0.521	54.9	0.636	11.4	-0.201	0.387	-62.6	0.436
248185.7	842849.6	128.0	6.021	5.126	40.4	7.907	21.4	6.292	0.277	0.532	62.5	0.600	13.0	-0.121	0.403	-73.3	0.420
248185.2	842848.8	128.0	5.557	4.478	38.9	7.137	21.4	5.679	0.182	0.522	70.8	0.553	15.9	-0.028	0.398	-86.0	0.399
248184.7	842847.9	128.0	5.280	3.916	36.6	6.574	21.0	5.231	0.109	0.494	77.6	0.506	20.1	0.074	0.376	78.9	0.383
248184.1	842847.1	128.0	5.193	3.455	33.6	6.237	19.5	4.963	0.137	0.452	73.1	0.472	24.5	0.182	0.340	61.9	0.386
248183.6	842846.2	128.0	5.287	3.108	30.4	6.132	16.8	4.880	0.238	0.399	59.2	0.464	26.6	0.291	0.293	45.2	0.413
248183.0	842845.4	128.0	5.542	2.885	27.5	6.248	13.3	4.972	0.352	0.337	43.8	0.487	24.5	0.399	0.238	30.9	0.465
248182.5	842844.6	128.0	5.936	2.789	25.2	6.558	10.2	5.219	0.465	0.271	30.2	0.538	20.0	0.502	0.177	19.4	0.532
248182.0	842843.7	128.0	6.450	2.812	23.6	7.036	8.6	5.599	0.571	0.201	19.4	0.606	15.7	0.597	0.112	10.6	0.607
248181.4	842842.9	128.0	7.067	2.939	22.6	7.654	9.2	6.091	0.665	0.133	11.4	0.678	12.4	0.678	0.043	3.7	0.680
248180.9	842842.0	128.0	7.778	3.151	22.1	8.392	11.0	6.678	0.742	0.081	6.3	0.746	10.3	0.744	-0.027	-2.0	0.744
248180.4	842841.2	128.0	8.571	3.433	21.8	9.233	13.1	7.347	0.797	0.087	6.2	0.801	9.0	0.787	-0.097	-7.0	0.793
248179.8	842840.3	128.0	9.436	3.774	21.8	10.162	15.1	8.087	0.825	0.142	9.8	0.837	8.5	0.806	-0.166	-11.6	0.823
248179.3	842839.5	128.0	10.358	4.170	21.9	11.165	16.8	8.885	0.823	0.209	14.3	0.850	8.6	0.795	-0.232	-16.3	0.828
248178.8	842838.7	128.0	11.316	4.618	22.2	12.222	18.3	9.726	0.788	0.275	19.2	0.835	9.4	0.752	-0.293	-21.3	0.807
248178.2	842837.8	128.0	12.285	5.120	22.6	13.309	19.5	10.591	0.719	0.335	25.0	0.793	11.0	0.676	-0.347	-27.2	0.760
248177.7	842837.0	128.0	13.230	5.678	23.2	14.397	20.5	11.457	0.616	0.385	32.0	0.727	13.8	0.568	-0.390	-34.5	0.689
248177.1	842836.1	128.0	14.116	6.295	24.0	15.456	21.4	12.300	0.487	0.421	40.9	0.643	18.6	0.429	-0.418	-44.2	0.599
248176.6	842835.3	128.0	14.905	6.969	25.1	16.454	22.1	13.093	0.341	0.438	52.1	0.555	26.5	0.267	-0.428	-58.0	0.504
248176.1	842834.4	128.0	15.564	7.694	26.3	17.362	22.6	13.816	0.214	0.432	63.7	0.482	38.3	0.087	-0.414	-78.2	0.423

Wire low point cross section results between structures [redacted]/[redacted]-8A and Gantry 4



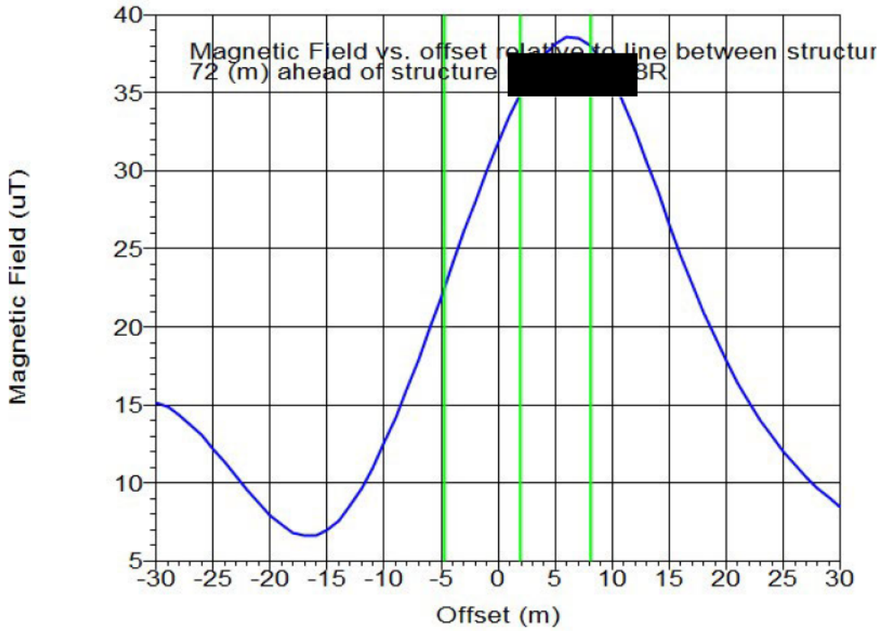


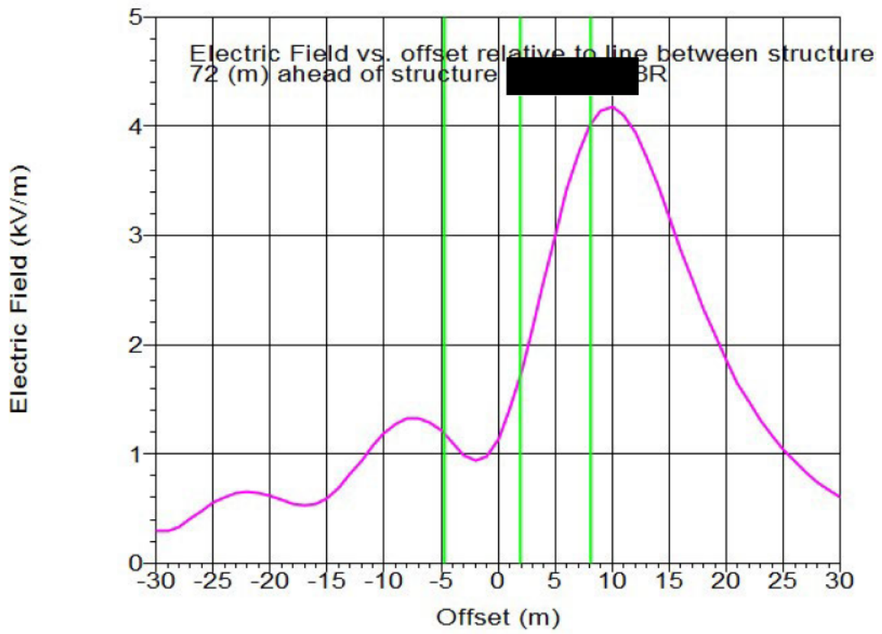
3D EMF Point Results Span from [redacted]-8A to Gantry 4:

Measurement			B					H	EF					Space Potential			
X (m)	Y (m)	Z (m)	Real (uT)	Imaginary (uT)	Angle (deg)	Magnitude (uT)	Polarization Axial Ratio %	Magnitude (A/m)	Real (kV/m)	Imaginary (kV/m)	Angle (deg)	Magnitude (kV/m)	Polarization Axial Ratio %	Real (kV)	Imaginary (kV)	Angle (deg)	Magnitude (kV)
248075.8	842709.8	128.0	14.395	13.639	43.5	19.830	38.0	15.781	1.171	0.321	15.3	1.214	26.1	-1.094	0.084	-4.4	1.097
248075.2	842709.0	128.0	13.846	13.386	44.0	19.259	37.2	15.326	1.327	0.488	20.2	1.414	18.8	-1.249	0.400	-17.8	1.311
248074.6	842708.2	128.0	13.310	13.001	44.3	18.606	36.3	14.806	1.435	0.748	27.5	1.618	13.8	-1.354	0.699	-27.3	1.524
248074.0	842707.3	128.0	12.788	12.513	44.4	17.891	35.5	14.237	1.492	0.998	33.8	1.794	10.5	-1.409	0.962	-34.3	1.706
248073.5	842706.5	128.0	12.279	11.952	44.2	17.135	34.8	13.636	1.497	1.204	38.8	1.921	8.3	-1.412	1.173	-39.7	1.836
248072.9	842705.7	128.0	11.784	11.343	43.9	16.357	34.2	13.016	1.452	1.351	42.9	1.983	6.9	-1.366	1.323	-44.1	1.902
248072.3	842704.9	128.0	11.309	10.711	43.4	15.576	33.9	12.395	1.362	1.436	46.5	1.980	6.1	-1.275	1.410	-47.9	1.901
248071.8	842704.1	128.0	10.861	10.074	42.8	14.813	33.9	11.788	1.234	1.462	49.8	1.913	6.0	-1.145	1.438	-51.5	1.838
248071.2	842703.2	128.0	10.453	9.447	42.1	14.090	34.3	11.212	1.074	1.436	53.2	1.793	6.4	-0.983	1.415	-55.2	1.723

248070.6	842702.4	128.0	10.100	8.845	41.2	13.426	35.0	10.684	0.891	1.370	57.0	1.634	7.5	-0.796	1.351	-59.5	1.568
248070.0	842701.6	128.0	9.817	8.278	40.1	12.841	35.9	10.219	0.692	1.273	61.5	1.449	9.7	-0.590	1.257	-64.9	1.388
248069.5	842700.8	128.0	9.618	7.755	38.9	12.355	37.1	9.832	0.489	1.156	67.1	1.255	13.2	-0.369	1.142	-72.1	1.200
248068.9	842700.0	128.0	9.517	7.281	37.4	11.982	38.2	9.535	0.307	1.027	73.4	1.072	18.8	-0.140	1.014	-82.1	1.023
248068.3	842699.1	128.0	9.524	6.860	35.8	11.737	39.2	9.340	0.237	0.891	75.1	0.922	26.6	0.095	0.879	83.8	0.884
248067.8	842698.3	128.0	9.647	6.496	34.0	11.630	39.8	9.255	0.364	0.753	64.2	0.837	33.7	0.333	0.742	65.8	0.813
248067.2	842697.5	128.0	9.890	6.188	32.0	11.666	39.9	9.284	0.567	0.617	47.4	0.838	32.9	0.569	0.605	46.8	0.831
248066.6	842696.7	128.0	10.252	5.938	30.1	11.847	39.3	9.428	0.785	0.483	31.6	0.922	25.3	0.800	0.470	30.5	0.928
248066.0	842695.9	128.0	10.726	5.746	28.2	12.168	38.2	9.683	0.998	0.354	19.5	1.059	17.8	1.018	0.338	18.4	1.073
248065.5	842695.0	128.0	11.299	5.611	26.4	12.615	36.7	10.039	1.194	0.234	11.1	1.217	12.6	1.218	0.209	9.8	1.236
248064.9	842694.2	128.0	11.950	5.535	24.9	13.169	35.1	10.480	1.364	0.139	5.8	1.371	9.3	1.390	0.084	3.4	1.392
248064.3	842693.4	128.0	12.649	5.517	23.6	13.800	33.6	10.982	1.495	0.127	4.9	1.500	7.4	1.523	-0.038	-1.4	1.523
248063.8	842692.6	128.0	13.361	5.557	22.6	14.471	32.2	11.515	1.577	0.206	7.4	1.591	6.4	1.608	-0.156	-5.5	1.616
248063.2	842691.7	128.0	14.042	5.656	21.9	15.138	31.0	12.047	1.601	0.307	10.8	1.630	6.2	1.636	-0.268	-9.3	1.658
248062.6	842690.9	128.0	14.647	5.812	21.6	15.758	30.2	12.540	1.560	0.407	14.6	1.612	6.5	1.601	-0.371	-13.1	1.644
248062.0	842690.1	128.0	15.135	6.022	21.7	16.289	29.7	12.963	1.454	0.498	18.9	1.537	7.4	1.503	-0.463	-17.1	1.573
248061.5	842689.3	128.0	15.471	6.282	22.1	16.698	29.5	13.288	1.288	0.573	24.0	1.410	9.0	1.346	-0.540	-21.8	1.450
248060.9	842688.5	128.0	15.633	6.583	22.8	16.962	29.6	13.498	1.073	0.628	30.3	1.243	11.5	1.140	-0.595	-27.6	1.286
248060.3	842687.6	128.0	15.611	6.911	23.9	17.072	29.8	13.586	0.826	0.656	38.5	1.054	15.5	0.898	-0.624	-34.8	1.093
248059.8	842686.8	128.0	15.409	7.248	25.2	17.029	30.0	13.551	0.567	0.652	49.0	0.864	22.1	0.635	-0.623	-44.5	0.889
248059.2	842686.0	128.0	15.045	7.570	26.7	16.842	30.2	13.402	0.338	0.614	61.2	0.701	32.9	0.366	-0.588	-58.1	0.693
248058.6	842685.2	128.0	14.539	7.851	28.4	16.524	30.3	13.149	0.255	0.541	64.8	0.598	46.9	0.106	-0.519	-78.5	0.529
248058.0	842684.4	128.0	13.922	8.064	30.1	16.089	30.2	12.803	0.391	0.437	48.2	0.586	47.9	-0.136	-0.418	71.9	0.439
248057.5	842683.5	128.0	13.220	8.185	31.8	15.549	29.9	12.373	0.582	0.313	28.3	0.661	34.6	-0.352	-0.290	39.5	0.456
248056.9	842682.7	128.0	12.462	8.195	33.3	14.915	29.4	11.869	0.760	0.197	14.5	0.785	23.6	-0.538	-0.143	14.9	0.556
248056.3	842681.9	128.0	11.673	8.087	34.7	14.201	28.8	11.300	0.911	0.175	10.9	0.927	16.7	-0.690	0.014	-1.1	0.690
248055.8	842681.1	128.0	10.873	7.862	35.9	13.418	28.0	10.677	1.030	0.282	15.3	1.068	12.4	-0.810	0.171	-11.9	0.828
248055.2	842680.3	128.0	10.082	7.530	36.8	12.583	27.2	10.013	1.117	0.422	20.7	1.194	9.4	-0.898	0.320	-19.6	0.954
248054.6	842679.4	128.0	9.314	7.111	37.4	11.718	26.4	9.325	1.175	0.555	25.3	1.300	7.3	-0.958	0.452	-25.3	1.060
248054.0	842678.6	128.0	8.581	6.630	37.7	10.845	25.5	8.630	1.207	0.668	29.0	1.379	5.8	-0.992	0.564	-29.6	1.141
248053.5	842677.8	128.0	7.895	6.115	37.8	9.987	24.5	7.947	1.215	0.757	31.9	1.432	4.6	-1.003	0.652	-33.0	1.197
248052.9	842677.0	128.0	7.263	5.591	37.6	9.165	23.4	7.294	1.204	0.821	34.3	1.457	3.7	-0.996	0.716	-35.7	1.227
248052.3	842676.2	128.0	6.688	5.081	37.2	8.399	22.1	6.683	1.177	0.861	36.2	1.458	3.0	-0.974	0.756	-37.8	1.233
248051.8	842675.3	128.0	6.172	4.603	36.7	7.699	20.7	6.127	1.138	0.878	37.6	1.438	2.4	-0.940	0.776	-39.5	1.218
248051.2	842674.5	128.0	5.713	4.169	36.1	7.073	19.0	5.629	1.091	0.877	38.8	1.400	2.0	-0.897	0.778	-40.9	1.187
248050.6	842673.7	128.0	5.310	3.788	35.5	6.523	17.2	5.191	1.038	0.861	39.7	1.349	1.6	-0.849	0.766	-42.1	1.144
248050.0	842672.9	128.0	4.958	3.462	34.9	6.047	15.2	4.812	0.982	0.834	40.4	1.289	1.3	-0.797	0.744	-43.0	1.091
248049.5	842672.1	128.0	4.651	3.188	34.4	5.639	13.1	4.487	0.925	0.800	40.8	1.223	1.1	-0.744	0.714	-43.8	1.031
248048.9	842671.2	128.0	4.384	2.965	34.1	5.293	11.0	4.212	0.868	0.760	41.2	1.154	0.9	-0.691	0.679	-44.5	0.969
248048.3	842670.4	128.0	4.152	2.786	33.9	5.000	9.0	3.979	0.813	0.717	41.4	1.083	0.8	-0.639	0.641	-45.1	0.905
248047.8	842669.6	128.0	3.950	2.645	33.8	4.754	7.2	3.783	0.759	0.672	41.5	1.014	0.7	-0.588	0.601	-45.6	0.841
248047.2	842668.8	128.0	3.774	2.535	33.9	4.546	5.8	3.617	0.709	0.628	41.6	0.947	0.6	-0.540	0.561	-46.1	0.779
248046.6	842668.0	128.0	3.619	2.450	34.1	4.370	5.1	3.478	0.661	0.584	41.5	0.882	0.5	-0.495	0.521	-46.5	0.718
248046.0	842667.1	128.0	3.483	2.385	34.4	4.221	5.1	3.359	0.616	0.542	41.3	0.821	0.4	-0.452	0.483	-46.9	0.661
248045.5	842666.3	128.0	3.363	2.336	34.8	4.094	5.8	3.258	0.575	0.502	41.1	0.763	0.4	-0.411	0.446	-47.3	0.607
248044.9	842665.5	128.0	3.256	2.299	35.2	3.986	6.7	3.172	0.536	0.464	40.9	0.709	0.3	-0.374	0.411	-47.7	0.555
248044.3	842664.7	128.0	3.162	2.270	35.7	3.893	7.8	3.098	0.500	0.427	40.5	0.658	0.3	-0.339	0.378	-48.1	0.507
248043.8	842663.8	128.0	3.078	2.249	36.2	3.812	8.8	3.033	0.467	0.393	40.1	0.611	0.3	-0.306	0.346	-48.6	0.462
248043.2	842663.0	128.0	3.003	2.233	36.6	3.742	9.8	2.978	0.437	0.362	39.6	0.567	0.3	-0.275	0.317	-49.0	0.420
248042.6	842662.2	128.0	2.936	2.221	37.1	3.681	10.8	2.929	0.409	0.332	39.1	0.527	0.2	-0.247	0.290	-49.6	0.381
248042.0	842661.4	128.0	2.876	2.212	37.6	3.628	11.7	2.887	0.383	0.304	38.5	0.489	0.2	-0.221	0.264	-50.1	0.344
248041.5	842660.6	128.0	2.822	2.206	38.0	3.582	12.6	2.850	0.359	0.278	37.8	0.454	0.2	-0.196	0.240	-50.8	0.310

Wire low point cross section results between structures [redacted]/[redacted]-8R and Gantry 2



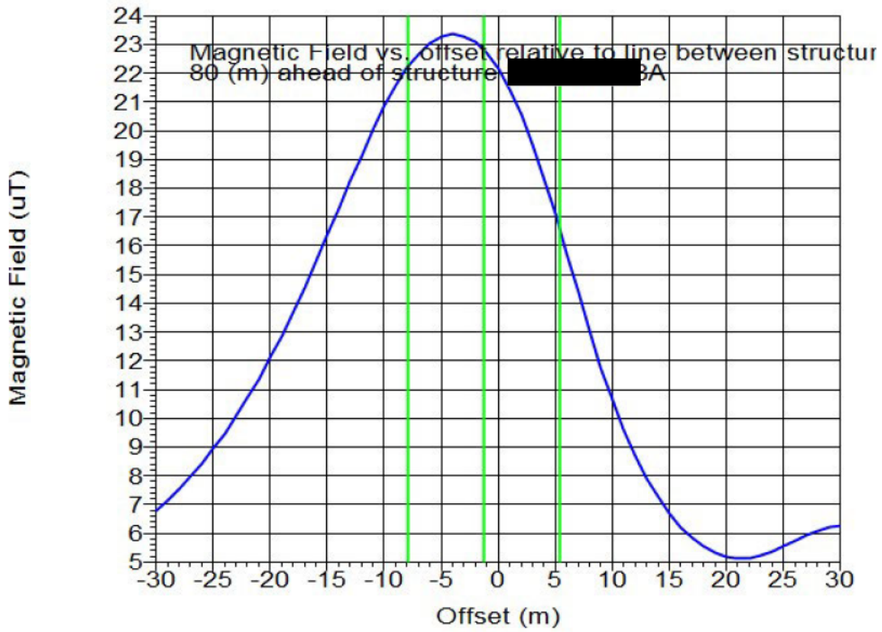


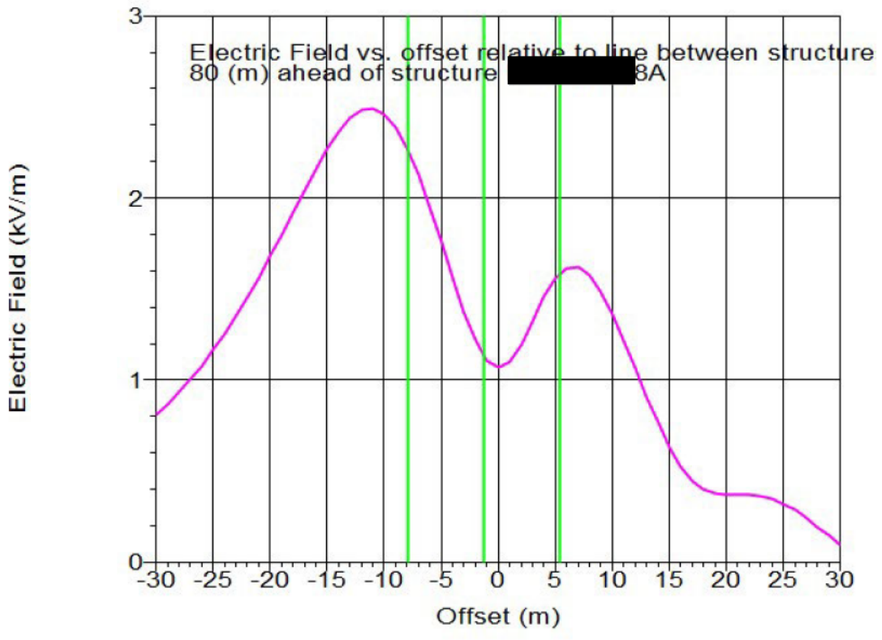
3D EMF Point Results Span from [redacted]-8R to Gantry 2:

Measurement			B					H	EF					Space Potential				
X (m)	Y (m)	Z (m)	Real (uT)	Imaginary (uT)	Angle (deg)	Magnitude (uT)	Polarization Axial Ratio %	Magnitude (A/m)	Real (kV/m)	Imaginary (kV/m)	Angle (deg)	Magnitude (kV/m)	Polarization Axial Ratio %	Real (kV)	Imaginary (kV)	Angle (deg)	Magnitude (kV)	
248193.2	842855.4	128.0	12.683	8.343	33.3	15.181	20.1	12.081	0.146	0.255	60.2	0.294	53.9	0.111	-0.311	-70.3	0.330	
248192.3	842854.8	128.0	12.151	8.538	35.1	14.850	20.5	11.817	0.225	0.184	39.3	0.290	57.3	-0.001	-0.234	89.8	0.234	
248191.5	842854.3	128.0	11.521	8.592	36.7	14.372	20.8	11.437	0.311	0.123	21.6	0.334	38.9	-0.099	-0.144	55.4	0.175	
248190.6	842853.8	128.0	10.822	8.500	38.1	13.761	21.0	10.951	0.385	0.127	18.3	0.405	25.7	-0.180	-0.046	14.3	0.186	
248189.8	842853.2	128.0	10.078	8.267	39.4	13.035	21.1	10.373	0.439	0.200	24.5	0.483	18.4	-0.240	0.055	-12.8	0.247	
248188.9	842852.7	128.0	9.316	7.909	40.3	12.221	21.2	9.725	0.471	0.291	31.7	0.553	14.3	-0.278	0.152	-28.6	0.317	
248188.1	842852.1	128.0	8.558	7.448	41.0	11.345	21.3	9.028	0.478	0.378	38.3	0.609	12.1	-0.291	0.240	-39.5	0.377	
248187.3	842851.6	128.0	7.828	6.912	41.4	10.443	21.4	8.310	0.459	0.452	44.5	0.645	11.1	-0.280	0.314	-48.3	0.421	
248186.4	842851.1	128.0	7.147	6.330	41.5	9.548	21.6	7.598	0.417	0.509	50.7	0.658	11.1	-0.245	0.372	-56.6	0.445	

248185.6	842850.5	128.0	6.542	5.731	41.2	8.697	22.0	6.921	0.352	0.545	57.2	0.649	12.1	-0.187	0.410	-65.5	0.450
248184.7	842850.0	128.0	6.042	5.138	40.4	7.931	22.6	6.311	0.269	0.561	64.4	0.622	14.2	-0.108	0.428	-75.9	0.441
248183.9	842849.4	128.0	5.680	4.574	38.8	7.292	23.3	5.803	0.177	0.556	72.3	0.584	17.9	-0.010	0.427	-88.7	0.427
248183.1	842848.9	128.0	5.495	4.059	36.4	6.832	23.8	5.437	0.123	0.533	77.0	0.547	22.8	0.105	0.408	75.6	0.421
248182.2	842848.4	128.0	5.523	3.615	33.2	6.601	23.4	5.253	0.189	0.492	69.0	0.527	27.6	0.232	0.373	58.0	0.439
248181.4	842847.8	128.0	5.786	3.269	29.5	6.645	21.3	5.288	0.321	0.436	53.7	0.541	28.7	0.370	0.322	41.0	0.491
248180.5	842847.3	128.0	6.285	3.051	25.9	6.986	17.8	5.560	0.473	0.368	37.9	0.599	24.8	0.515	0.259	26.7	0.576
248179.7	842846.7	128.0	7.008	2.992	23.1	7.620	14.1	6.064	0.631	0.290	24.6	0.695	19.3	0.661	0.184	15.6	0.686
248178.8	842846.2	128.0	7.935	3.112	21.4	8.523	11.6	6.783	0.788	0.205	14.6	0.815	14.7	0.804	0.100	7.1	0.810
248178.0	842845.7	128.0	9.043	3.409	20.7	9.664	11.2	7.691	0.936	0.128	7.8	0.945	11.5	0.936	0.006	0.4	0.936
248177.2	842845.1	128.0	10.312	3.867	20.6	11.013	12.4	8.764	1.066	0.110	5.9	1.072	9.6	1.051	-0.096	-5.2	1.056
248176.3	842844.6	128.0	11.720	4.469	20.9	12.543	14.3	9.981	1.169	0.186	9.0	1.184	8.6	1.139	-0.204	-10.1	1.157
248175.5	842844.1	128.0	13.243	5.201	21.4	14.228	16.5	11.322	1.235	0.296	13.5	1.270	8.3	1.191	-0.316	-14.9	1.232
248174.6	842843.5	128.0	14.857	6.054	22.2	16.043	18.8	12.766	1.253	0.415	18.3	1.320	8.8	1.195	-0.431	-19.8	1.270
248173.8	842843.0	128.0	16.529	7.026	23.0	17.961	21.1	14.293	1.215	0.536	23.8	1.328	10.1	1.144	-0.543	-25.4	1.266
248172.9	842842.4	128.0	18.228	8.117	24.0	19.953	23.3	15.878	1.113	0.651	30.3	1.290	12.5	1.030	-0.648	-32.2	1.217
248172.1	842841.9	128.0	19.917	9.324	25.1	21.991	25.4	17.500	0.948	0.752	38.4	1.210	16.3	0.849	-0.738	-41.0	1.125
248171.3	842841.4	128.0	21.562	10.643	26.3	24.045	27.5	19.134	0.728	0.829	48.7	1.103	22.5	0.603	-0.802	-53.1	1.003
248170.4	842840.8	128.0	23.129	12.064	27.5	26.086	29.3	20.759	0.488	0.869	60.7	0.996	32.0	0.297	-0.828	-70.3	0.880
248169.6	842840.3	128.0	24.590	13.573	28.9	28.087	30.8	22.351	0.371	0.859	66.7	0.936	43.1	-0.059	-0.803	85.8	0.805
248168.7	842839.7	128.0	25.920	15.144	30.3	30.020	31.8	23.889	0.574	0.789	54.0	0.975	45.5	-0.451	-0.713	57.7	0.844
248167.9	842839.2	128.0	27.099	16.746	31.7	31.856	32.4	25.350	0.934	0.652	34.9	1.139	36.5	-0.862	-0.547	32.4	1.021
248167.0	842838.7	128.0	28.111	18.336	33.1	33.563	32.3	26.708	1.330	0.468	19.4	1.410	27.1	-1.274	-0.299	13.2	1.309
248166.2	842838.1	128.0	28.941	19.866	34.5	35.104	31.6	27.935	1.723	0.355	11.6	1.759	20.5	-1.672	0.031	-1.1	1.673
248165.4	842837.6	128.0	29.577	21.279	35.7	36.436	30.4	28.995	2.090	0.548	14.7	2.161	15.9	-2.040	0.430	-11.9	2.085
248164.5	842837.0	128.0	29.892	22.464	36.9	37.392	28.7	29.755	2.408	0.936	21.2	2.583	12.6	-2.357	0.877	-20.4	2.515
248163.7	842836.5	128.0	30.090	23.453	37.9	38.150	26.7	30.359	2.679	1.382	27.3	3.014	10.0	-2.626	1.346	-27.1	2.951
248162.8	842836.0	128.0	30.041	24.146	38.8	38.542	24.4	30.671	2.886	1.826	32.3	3.415	7.8	-2.832	1.798	-32.4	3.355
248162.0	842835.4	128.0	29.729	24.500	39.5	38.524	22.1	30.656	3.023	2.225	36.4	3.754	6.1	-2.968	2.201	-36.6	3.695
248161.1	842834.9	128.0	29.149	24.493	40.0	38.073	19.8	30.298	3.088	2.547	39.5	4.003	4.7	-3.033	2.523	-39.8	3.946
248160.3	842834.4	128.0	28.309	24.130	40.4	37.198	17.7	29.601	3.083	2.771	41.9	4.145	3.6	-3.029	2.747	-42.2	4.089
248159.5	842833.8	128.0	27.238	23.443	40.7	35.937	15.7	28.598	3.014	2.889	43.8	4.175	2.7	-2.961	2.866	-44.1	4.121
248158.6	842833.3	128.0	25.980	22.485	40.9	34.359	13.9	27.342	2.891	2.909	45.2	4.101	2.0	-2.842	2.886	-45.4	4.050
248157.8	842832.7	128.0	24.587	21.326	40.9	32.547	12.4	25.900	2.729	2.843	46.2	3.941	1.4	-2.683	2.821	-46.4	3.893
248156.9	842832.2	128.0	23.115	20.034	40.9	30.588	11.0	24.342	2.540	2.713	46.9	3.717	1.0	-2.497	2.691	-47.1	3.671
248156.1	842831.7	128.0	21.616	18.676	40.8	28.566	9.8	22.732	2.338	2.538	47.4	3.451	0.7	-2.298	2.518	-47.6	3.409
248155.3	842831.1	128.0	20.132	17.306	40.7	26.548	8.8	21.126	2.132	2.339	47.7	3.165	0.5	-2.096	2.319	-47.9	3.125
248154.4	842830.6	128.0	18.696	15.965	40.5	24.585	7.9	19.564	1.930	2.130	47.8	2.874	0.3	-1.897	2.110	-48.0	2.837
248153.6	842830.0	128.0	17.329	14.684	40.3	22.714	7.2	18.075	1.738	1.922	47.9	2.592	0.3	-1.708	1.903	-48.1	2.557
248152.7	842829.5	128.0	16.046	13.479	40.0	20.956	6.6	16.676	1.560	1.724	47.9	2.325	0.3	-1.532	1.704	-48.1	2.291
248151.9	842829.0	128.0	14.853	12.360	39.8	19.323	6.1	15.377	1.396	1.539	47.8	2.078	0.4	-1.370	1.519	-48.0	2.046
248151.0	842828.4	128.0	13.751	11.331	39.5	17.818	5.7	14.179	1.247	1.370	47.7	1.853	0.4	-1.223	1.350	-47.8	1.822
248150.2	842827.9	128.0	12.738	10.392	39.2	16.439	5.4	13.082	1.114	1.217	47.5	1.650	0.4	-1.092	1.197	-47.6	1.620
248149.4	842827.3	128.0	11.811	9.537	38.9	15.181	5.1	12.081	0.995	1.081	47.4	1.469	0.4	-0.974	1.061	-47.5	1.440
248148.5	842826.8	128.0	10.964	8.762	38.6	14.035	4.9	11.169	0.888	0.961	47.2	1.308	0.4	-0.869	0.940	-47.3	1.280
248147.7	842826.3	128.0	10.190	8.061	38.3	12.994	4.8	10.340	0.794	0.854	47.1	1.166	0.4	-0.776	0.833	-47.0	1.138
248146.8	842825.7	128.0	9.485	7.428	38.1	12.047	4.7	9.587	0.710	0.760	47.0	1.040	0.4	-0.693	0.739	-46.8	1.013
248146.0	842825.2	128.0	8.841	6.856	37.8	11.188	4.6	8.903	0.636	0.678	46.8	0.929	0.4	-0.620	0.656	-46.6	0.902
248145.1	842824.7	128.0	8.254	6.338	37.5	10.407	4.6	8.281	0.570	0.605	46.7	0.831	0.4	-0.555	0.583	-46.4	0.805
248144.3	842824.1	128.0	7.717	5.870	37.3	9.696	4.6	7.716	0.512	0.542	46.6	0.745	0.4	-0.497	0.520	-46.3	0.719
248143.5	842823.6	128.0	7.226	5.447	37.0	9.049	4.6	7.201	0.460	0.486	46.6	0.669	0.3	-0.446	0.464	-46.1	0.644
248142.6	842823.0	128.0	6.777	5.063	36.8	8.459	4.6	6.732	0.414	0.437	46.5	0.602	0.3	-0.401	0.414	-45.9	0.577

Wire low point cross section results between structures [redacted]/[redacted]-8A and Gantry 3





3D EMF Point Results Span from [redacted]-8A to Gantry 3:

Measurement			B					H	EF					Space Potential			
X (m)	Y (m)	Z (m)	Real (uT)	Imaginary (uT)	Angle (deg)	Magnitude (uT)	Polarization Axial Ratio %	Magnitude (A/m)	Real (kV/m)	Imaginary (kV/m)	Angle (deg)	Magnitude (kV/m)	Polarization Axial Ratio %	Real (kV)	Imaginary (kV)	Angle (deg)	Magnitude (kV)
248081.8	842741.7	128.0	6.204	2.766	24.0	6.793	6.6	5.405	0.789	0.193	13.7	0.812	0.2	0.777	-0.193	-14.0	0.801
248081.6	842740.7	128.0	6.543	2.908	24.0	7.160	7.0	5.698	0.846	0.207	13.8	0.871	0.2	0.832	-0.207	-14.0	0.857
248081.4	842739.8	128.0	6.909	3.060	23.9	7.556	7.4	6.013	0.908	0.224	13.8	0.935	0.2	0.891	-0.223	-14.0	0.918
248081.2	842738.8	128.0	7.305	3.224	23.8	7.985	7.8	6.354	0.976	0.242	13.9	1.005	0.2	0.955	-0.240	-14.1	0.985
248081.0	842737.8	128.0	7.732	3.402	23.7	8.447	8.3	6.722	1.049	0.261	14.0	1.081	0.3	1.025	-0.259	-14.2	1.057
248080.8	842736.8	128.0	8.193	3.594	23.7	8.947	8.8	7.120	1.129	0.283	14.1	1.164	0.3	1.100	-0.280	-14.3	1.135
248080.6	842735.8	128.0	8.691	3.803	23.6	9.486	9.3	7.549	1.215	0.308	14.2	1.253	0.3	1.181	-0.303	-14.4	1.220
248080.4	842734.9	128.0	9.227	4.029	23.6	10.068	9.9	8.012	1.307	0.335	14.4	1.350	0.4	1.268	-0.329	-14.5	1.310
248080.2	842733.9	128.0	9.804	4.275	23.6	10.695	10.5	8.511	1.406	0.365	14.6	1.453	0.5	1.361	-0.357	-14.7	1.407

248080.0	842732.9	128.0	10.422	4.542	23.5	11.369	11.2	9.047	1.510	0.399	14.8	1.562	0.5	1.459	-0.389	-14.9	1.510
248079.8	842731.9	128.0	11.083	4.834	23.6	12.091	12.0	9.622	1.620	0.436	15.1	1.677	0.7	1.562	-0.425	-15.2	1.619
248079.7	842730.9	128.0	11.784	5.151	23.6	12.861	12.8	10.234	1.732	0.478	15.4	1.797	0.8	1.667	-0.465	-15.6	1.731
248079.5	842729.9	128.0	12.524	5.496	23.7	13.677	13.8	10.884	1.846	0.525	15.9	1.920	1.0	1.774	-0.510	-16.0	1.845
248079.3	842729.0	128.0	13.297	5.873	23.8	14.536	14.8	11.568	1.958	0.578	16.4	2.042	1.2	1.878	-0.560	-16.6	1.959
248079.1	842728.0	128.0	14.096	6.283	24.0	15.433	16.0	12.281	2.064	0.637	17.2	2.160	1.5	1.975	-0.615	-17.3	2.069
248078.9	842727.0	128.0	14.909	6.728	24.3	16.357	17.2	13.016	2.158	0.703	18.0	2.270	1.8	2.061	-0.677	-18.2	2.169
248078.7	842726.0	128.0	15.721	7.212	24.6	17.296	18.6	13.764	2.234	0.775	19.1	2.365	2.3	2.129	-0.745	-19.3	2.255
248078.5	842725.0	128.0	16.513	7.735	25.1	18.234	20.2	14.510	2.283	0.854	20.5	2.438	2.8	2.171	-0.820	-20.7	2.320
248078.3	842724.1	128.0	17.262	8.297	25.7	19.152	21.9	15.241	2.298	0.940	22.2	2.483	3.5	2.179	-0.900	-22.4	2.358
248078.1	842723.1	128.0	17.943	8.898	26.4	20.028	23.8	15.938	2.270	1.031	24.4	2.493	4.4	2.146	-0.984	-24.6	2.361
248077.9	842722.1	128.0	18.531	9.534	27.2	20.840	25.8	16.584	2.192	1.123	27.1	2.463	5.5	2.065	-1.070	-27.4	2.326
248077.7	842721.1	128.0	19.002	10.198	28.2	21.566	28.0	17.162	2.059	1.215	30.5	2.390	6.9	1.931	-1.154	-30.9	2.249
248077.5	842720.1	128.0	19.335	10.882	29.4	22.187	30.3	17.656	1.870	1.298	34.8	2.277	8.6	1.742	-1.230	-35.2	2.132
248077.3	842719.1	128.0	19.515	11.569	30.7	22.687	32.6	18.054	1.629	1.367	40.0	2.126	10.8	1.502	-1.290	-40.7	1.980
248077.2	842718.2	128.0	19.535	12.242	32.1	23.054	34.8	18.346	1.344	1.411	46.4	1.949	13.4	1.217	-1.326	-47.5	1.800
248077.0	842717.2	128.0	19.396	12.877	33.6	23.281	36.9	18.526	1.031	1.422	54.0	1.756	16.7	0.899	-1.328	-55.9	1.604
248076.8	842716.2	128.0	19.103	13.445	35.1	23.360	38.6	18.590	0.715	1.388	62.7	1.561	20.8	0.561	-1.287	-66.4	1.404
248076.6	842715.2	128.0	18.670	13.918	36.7	23.287	39.9	18.532	0.450	1.302	70.9	1.378	25.9	0.220	-1.194	-79.6	1.214
248076.4	842714.2	128.0	18.145	14.279	38.2	23.090	40.5	18.374	0.379	1.160	71.9	1.220	32.3	-0.113	-1.045	83.8	1.051
248076.2	842713.3	128.0	17.482	14.485	39.6	22.703	40.7	18.067	0.547	0.967	60.5	1.111	38.6	-0.416	-0.843	63.7	0.940
248076.0	842712.3	128.0	16.729	14.520	41.0	22.152	40.4	17.628	0.774	0.735	43.5	1.068	41.3	-0.682	-0.595	41.1	0.905
248075.8	842711.3	128.0	15.902	14.371	42.1	21.434	39.6	17.056	0.983	0.495	26.7	1.100	36.9	-0.902	-0.315	19.2	0.956
248075.6	842710.3	128.0	15.016	14.035	43.1	20.554	38.6	16.356	1.150	0.333	16.2	1.197	29.0	-1.072	-0.021	1.1	1.073
248075.4	842709.3	128.0	14.085	13.517	43.8	19.521	37.5	15.535	1.267	0.394	17.3	1.327	21.7	-1.190	0.266	-12.6	1.219
248075.2	842708.4	128.0	13.123	12.834	44.4	18.356	36.6	14.607	1.333	0.587	23.8	1.456	16.2	-1.254	0.526	-22.8	1.360
248075.0	842707.4	128.0	12.149	12.013	44.7	17.085	35.8	13.596	1.348	0.782	30.1	1.559	12.4	-1.269	0.742	-30.3	1.470
248074.8	842706.4	128.0	11.181	11.091	44.8	15.749	35.3	12.532	1.318	0.935	35.3	1.616	9.7	-1.238	0.904	-36.1	1.533
248074.7	842705.4	128.0	10.241	10.111	44.6	14.392	35.2	11.452	1.248	1.034	39.6	1.621	8.0	-1.168	1.007	-40.8	1.542
248074.5	842704.4	128.0	9.352	9.117	44.3	13.061	35.4	10.393	1.146	1.080	43.3	1.574	6.9	-1.066	1.056	-44.7	1.501
248074.3	842703.4	128.0	8.532	8.148	43.7	11.798	35.8	9.388	1.020	1.078	46.6	1.484	6.4	-0.941	1.057	-48.3	1.415
248074.1	842702.5	128.0	7.795	7.237	42.9	10.636	36.5	8.464	0.879	1.038	49.7	1.361	6.3	-0.801	1.020	-51.8	1.297
248073.9	842701.5	128.0	7.145	6.405	41.9	9.596	37.3	7.636	0.731	0.972	53.0	1.216	6.8	-0.654	0.955	-55.6	1.158
248073.7	842700.5	128.0	6.583	5.665	40.7	8.685	38.1	6.911	0.583	0.887	56.7	1.062	7.9	-0.504	0.874	-60.0	1.009
248073.5	842699.5	128.0	6.104	5.020	39.4	7.903	38.7	6.289	0.440	0.794	61.0	0.908	9.7	-0.358	0.782	-65.4	0.860
248073.3	842698.5	128.0	5.698	4.467	38.1	7.241	39.2	5.762	0.307	0.698	66.2	0.763	12.5	-0.220	0.688	-72.3	0.722
248073.1	842697.6	128.0	5.358	3.998	36.7	6.685	39.5	5.320	0.193	0.603	72.2	0.633	16.5	-0.091	0.594	-81.3	0.601
248072.9	842696.6	128.0	5.075	3.604	35.4	6.224	39.8	4.953	0.121	0.513	76.7	0.527	21.7	0.025	0.505	87.2	0.505
248072.7	842695.6	128.0	4.846	3.272	34.0	5.847	39.9	4.653	0.131	0.429	73.0	0.448	27.1	0.128	0.421	73.1	0.440
248072.5	842694.6	128.0	4.672	2.994	32.7	5.548	40.0	4.415	0.190	0.351	61.6	0.399	30.1	0.216	0.344	57.9	0.406
248072.3	842693.6	128.0	4.556	2.758	31.2	5.326	39.9	4.238	0.250	0.282	48.4	0.377	28.7	0.288	0.274	43.6	0.398
248072.2	842692.7	128.0	4.506	2.558	29.6	5.181	39.4	4.123	0.300	0.220	36.2	0.372	24.2	0.344	0.212	31.7	0.404
248072.0	842691.7	128.0	4.525	2.388	27.8	5.116	38.2	4.071	0.335	0.166	26.4	0.373	19.5	0.383	0.157	22.3	0.414
248071.8	842690.7	128.0	4.612	2.246	26.0	5.130	36.3	4.082	0.353	0.119	18.7	0.373	15.7	0.405	0.110	15.2	0.420
248071.6	842689.7	128.0	4.759	2.134	24.1	5.216	33.7	4.150	0.357	0.081	12.8	0.366	13.1	0.412	0.069	9.6	0.418
248071.4	842688.7	128.0	4.950	2.052	22.5	5.359	30.8	4.264	0.345	0.052	8.6	0.349	11.3	0.403	0.036	5.1	0.405
248071.2	842687.7	128.0	5.163	2.004	21.2	5.539	27.8	4.408	0.321	0.034	6.1	0.323	10.3	0.382	0.010	1.5	0.382
248071.0	842686.8	128.0	5.376	1.994	20.3	5.734	25.0	4.563	0.285	0.030	6.0	0.287	10.0	0.350	-0.010	-1.6	0.350
248070.8	842685.8	128.0	5.568	2.020	19.9	5.923	22.5	4.713	0.242	0.032	7.6	0.244	10.3	0.309	-0.023	-4.2	0.310
248070.6	842684.8	128.0	5.720	2.079	20.0	6.086	20.3	4.843	0.193	0.035	10.2	0.196	11.4	0.262	-0.029	-6.4	0.264
248070.4	842683.8	128.0	5.822	2.162	20.4	6.210	18.4	4.942	0.142	0.034	13.4	0.146	13.9	0.212	-0.030	-8.1	0.214
248070.2	842682.8	128.0	5.866	2.260	21.1	6.286	16.8	5.002	0.093	0.030	18.1	0.098	19.0	0.161	-0.026	-9.1	0.163

PLS-CADD Version 20.00x64 14:30:30 10 October 2024
M Group Services Limited - UK
Project Name: 'D:\SSE ASTI PLS CADD Models\LT459 Fanellan Temp 08102024\FNLN4-LT459-MES-OHLTA-ZZ-M-EO-7601-P04.1.don'
Line Title: 'Temp Diversion - PLS TOWERS updated'

3D EMF Calculation Notes:
  1) Calculations based on the EPRI Red Book methods (3rd Edition, 2005 - 7.4 Calculation of Magnetic Fields and Appendices 7.1 Calculation of Field Ellipse Parameters and 7.6 Electric Field Calculations for 3D Geometry).
  2) All wire positions are modeled at the specified weather case and wind direction. Height above ground determined by the modeled ground TIN.
  3) Only the effects of wires are being analyzed. The effects of structures are not included unless enabled as noted below.
  4) Ground return is being ignored for magnetic field calculations.

Meter height above ground: 1.00 (m)
Maximum wire distance: 150.00 (m)
Maximum cable segment size: 3.00 (m)
Cross section offset +/-: 15.20 (m)
Result interval: 1.00 (m)
Electric field limit: 9.00 (kV/m)
Magnetic field limit: 360.00 (uT)
Space potential limit: 0.00 (kV)
Contour Map Spacing: 3 (m)
Analyzing spans between these structures: [redacted]/[redacted]-4 - [redacted]/[redacted]-11, [redacted]-6T - [redacted]-9T

One or more sections have wind from both directions which is not supported. A wind direction of left is being used for those sections.

Section Data for 3D EMF Results:

Section Number	Section Note	Voltage Ph-Ph (kV)	Current (Amps)	Cable Filename	Cable Description	Conductors Per Phase	Bundle Diameter (cm)	Cable Radius (cm)	Weather Case	Condition	Wind Dir.	WC Temperature (deg C)	Effective Radius (cm)
1		0.0	0.0	AACSR OPGW	OPGW Data Sheet	1	0.000	1.190	10°C	Creep FE	Left	10.000	1.190
2		0.0	0.0	AACSR OPGW	OPGW Data Sheet	1	0.000	1.190	10°C	Creep FE	Left	10.000	1.190
3		0.0	0.0	AACSR OPGW	OPGW Data Sheet	1	0.000	1.190	10°C	Creep FE	Left	10.000	1.190
5		400.0	3400.0	Lamifil_700mm_aaac_araucaria_HC_RTS	HC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
6		400.0	3400.0	Lamifil_700mm_aaac_araucaria_HC_RTS	HC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
7		400.0	3400.0	Lamifil_700mm_aaac_araucaria_HC_RTS	HC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
9		400.0	3400.0	Lamifil_700mm_aaac_araucaria_HC_RTS	HC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
10		400.0	3400.0	Lamifil_700mm_aaac_araucaria_HC_RTS	HC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
11		400.0	3400.0	Lamifil_700mm_aaac_araucaria_HC_RTS	HC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
13		400.0	3400.0	Lamifil_700mm_aaac_araucaria_HC_RTS	HC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
14		400.0	3400.0	Lamifil_700mm_aaac_araucaria_HC_RTS	HC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
15		400.0	3400.0	Lamifil_700mm_aaac_araucaria_HC_RTS	HC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
17		400.0	3400.0	Lamifil_700mm_aaac_araucaria_HC_RTS	HC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
18		400.0	3400.0	Lamifil_700mm_aaac_araucaria_HC_RTS	HC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
19		400.0	3400.0	Lamifil_700mm_aaac_araucaria_HC_RTS	HC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
21		400.0	3400.0	Lamifil_700mm_aaac_araucaria_HC_RTS	HC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
22		400.0	3400.0	Lamifil_700mm_aaac_araucaria_HC_RTS	HC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
23		400.0	3400.0	Lamifil_700mm_aaac_araucaria_HC_RTS	HC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
25		400.0	3400.0	Lamifil_700mm_aaac_araucaria_HC_RTS	HC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
26		400.0	3400.0	Lamifil_700mm_aaac_araucaria_HC_RTS	HC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
27		400.0	3400.0	Lamifil_700mm_aaac_araucaria_HC_RTS	HC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651

Centerline results between structures [redacted]/[redacted]-4 and [redacted]/[redacted]-5

3D EMF Point Results Centerline from [redacted]/[redacted]-4 to [redacted]/[redacted]-5:

Measurement X (m)	Measurement Y (m)	Measurement Z (m)	B Real (uT)	B Imaginary (uT)	B Angle (deg)	B Magnitude (uT)	B Polarization Axial Ratio %	H Magnitude (A/m)	EF Real (kV/m)	EF Imaginary (kV/m)	EF Angle (deg)	EF Magnitude (kV/m)	EF Polarization Axial Ratio %	Space Potential Real (kV)	Space Potential Imaginary (kV)	Space Potential Angle (deg)	Space Potential Magnitude (kV)
249438.0	843965.0	38.7	9.680	6.217	32.7	11.504	16.4	9.155	0.124	0.592	78.1	0.605	20.3	0.029	0.970	88.3	0.970
249437.3	843964.3	38.6	9.540	6.143	32.8	11.347	16.5	9.030	0.113	0.581	79.0	0.592	19.3	0.061	0.885	86.0	0.887
249436.6	843963.6	38.5	9.436	6.094	32.9	11.233	16.8	8.939	0.106	0.575	79.6	0.585	18.3	0.088	0.810	83.8	0.815
249435.9	843962.8	38.4	9.374	6.074	32.9	11.170	17.2	8.888	0.104	0.573	79.8	0.583	17.4	0.112	0.751	81.5	0.759
249435.2	843962.1	38.4	9.350	6.079	33.0	11.152	17.6	8.875	0.106	0.575	79.6	0.585	16.7	0.134	0.704	79.2	0.717
249434.5	843961.4	38.4	9.403	6.134	33.1	11.227	18.2	8.934	0.117	0.580	78.6	0.592	17.2	0.159	0.702	77.2	0.720
249433.8	843960.7	38.3	9.439	6.176	33.2	11.280	18.8	8.976	0.125	0.588	78.0	0.601	16.6	0.180	0.669	75.0	0.692
249433.1	843960.0	38.3	9.523	6.248	33.3	11.390	19.5	9.064	0.137	0.598	77.1	0.613	16.5	0.202	0.658	72.9	0.688
249432.4	843959.3	38.3	9.663	6.352	33.3	11.563	20.2	9.202	0.153	0.610	75.9	0.629	17.3	0.230	0.675	71.1	0.713
249431.7	843958.5	38.4	9.821	6.466	33.4	11.759	20.9	9.357	0.169	0.623	74.8	0.646	18.0	0.259	0.693	69.5	0.740
249431.0	843957.8	38.4	9.991	6.583	33.4	11.965	21.6	9.522	0.186	0.638	73.8	0.664	18.6	0.289	0.708	67.8	0.765
249430.3	843957.1	38.3	10.053	6.628	33.4	12.042	22.3	9.583	0.194	0.651	73.4	0.680	16.4	0.295	0.634	65.0	0.699
249429.6	843956.4	38.3	10.218	6.735	33.4	12.238	23.0	9.739	0.209	0.666	72.6	0.698	16.3	0.318	0.628	63.2	0.704
249429.0	843955.7	38.3	10.424	6.865	33.4	12.482	23.5	9.933	0.226	0.681	71.6	0.718	16.9	0.347	0.647	61.8	0.735
249428.3	843954.9	38.4	10.657	7.008	33.3	12.755	24.0	10.150	0.245	0.697	70.6	0.738	17.9	0.382	0.680	60.7	0.780
249427.6	843954.2	38.4	10.875	7.138	33.3	13.008	24.5	10.351	0.262	0.711	69.8	0.758	18.4	0.412	0.699	59.5	0.811
249426.9	843953.5	38.4	11.034	7.228	33.2	13.190	24.9	10.496	0.274	0.725	69.3	0.775	17.8	0.428	0.675	57.6	0.799
249426.2	843952.8	38.3	11.182	7.309	33.2	13.359	25.3	10.631	0.286	0.737	68.8	0.791	16.9	0.440	0.644	55.7	0.780

249425.5	843952.1	38.3	11.318	7.380	33.1	13.511	25.6	10.752	0.297	0.749	68.4	0.806	15.9	0.447	0.604	53.5	0.751
249424.8	843951.4	38.3	11.458	7.453	33.0	13.669	25.9	10.878	0.308	0.761	68.0	0.821	15.1	0.455	0.569	51.4	0.729
249424.1	843950.6	38.3	11.638	7.550	33.0	13.872	26.1	11.039	0.320	0.772	67.5	0.835	15.0	0.473	0.564	50.0	0.736
249423.4	843949.9	38.3	11.813	7.642	32.9	14.069	26.2	11.196	0.332	0.782	67.0	0.849	14.9	0.490	0.558	48.7	0.742
249422.7	843949.2	38.3	11.979	7.729	32.8	14.256	26.3	11.345	0.342	0.792	66.6	0.863	14.7	0.505	0.549	47.4	0.745
249422.0	843948.5	38.3	12.139	7.812	32.8	14.436	26.4	11.488	0.352	0.801	66.3	0.875	14.6	0.518	0.538	46.1	0.747
249421.3	843947.8	38.3	12.293	7.892	32.7	14.608	26.4	11.625	0.361	0.809	66.0	0.886	14.4	0.530	0.527	44.8	0.748
249420.6	843947.0	38.3	12.496	8.001	32.6	14.838	26.4	11.808	0.372	0.818	65.6	0.898	15.1	0.558	0.552	44.7	0.784
249419.9	843946.3	38.5	12.802	8.173	32.6	15.188	26.3	12.087	0.386	0.827	65.0	0.912	17.6	0.615	0.646	46.4	0.892
249419.2	843945.6	38.6	13.051	8.310	32.5	15.472	26.2	12.312	0.398	0.835	64.5	0.925	19.1	0.657	0.705	47.0	0.964
249418.5	843944.9	38.6	13.221	8.401	32.4	15.664	26.1	12.465	0.406	0.842	64.2	0.934	19.5	0.678	0.715	46.5	0.985
249417.8	843944.2	38.6	13.360	8.473	32.4	15.820	26.0	12.589	0.412	0.848	64.1	0.943	19.4	0.690	0.710	45.8	0.990
249417.1	843943.5	38.6	13.493	8.543	32.3	15.970	25.9	12.709	0.418	0.854	63.9	0.951	19.4	0.701	0.703	45.1	0.993
249416.4	843942.7	38.6	13.626	8.613	32.3	16.120	25.8	12.827	0.423	0.860	63.8	0.958	19.4	0.713	0.699	44.4	0.998
249415.7	843942.0	38.7	13.760	8.685	32.3	16.271	25.7	12.948	0.428	0.865	63.7	0.965	19.5	0.726	0.699	43.9	1.007
249415.0	843941.3	38.7	13.889	8.755	32.2	16.418	25.6	13.065	0.433	0.870	63.6	0.972	19.7	0.738	0.698	43.4	1.016
249414.3	843940.6	38.7	13.994	8.810	32.2	16.536	25.5	13.159	0.436	0.875	63.5	0.978	19.4	0.743	0.684	42.6	1.010
249413.6	843939.9	38.7	14.087	8.860	32.2	16.641	25.4	13.243	0.438	0.880	63.5	0.983	19.1	0.746	0.665	41.7	1.000
249412.9	843939.2	38.7	14.188	8.915	32.1	16.756	25.3	13.334	0.441	0.885	63.5	0.988	19.0	0.752	0.653	41.0	0.996
249412.2	843938.4	38.7	14.323	8.991	32.1	16.911	25.2	13.457	0.445	0.889	63.4	0.995	19.4	0.769	0.664	40.8	1.016
249411.6	843937.7	38.8	14.455	9.065	32.1	17.062	25.1	13.578	0.449	0.894	63.3	1.001	19.8	0.785	0.675	40.7	1.035
249410.9	843937.0	38.8	14.584	9.139	32.1	17.211	24.9	13.696	0.453	0.899	63.2	1.006	20.3	0.801	0.686	40.6	1.055
249410.2	843936.3	38.9	14.711	9.211	32.1	17.357	24.8	13.812	0.457	0.903	63.2	1.012	20.7	0.817	0.697	40.5	1.074
249409.5	843935.6	38.9	14.835	9.283	32.0	17.500	24.7	13.926	0.460	0.907	63.1	1.017	21.1	0.832	0.708	40.4	1.093
249408.8	843934.8	39.0	14.999	9.379	32.0	17.690	24.6	14.077	0.465	0.912	63.0	1.024	22.1	0.859	0.744	40.9	1.137
249408.1	843934.1	38.9	15.058	9.412	32.0	17.758	24.5	14.131	0.466	0.916	63.1	1.027	21.6	0.857	0.719	40.0	1.119
249407.4	843933.4	38.9	15.116	9.445	32.0	17.824	24.4	14.184	0.465	0.919	63.2	1.031	21.2	0.855	0.694	39.1	1.102
249406.7	843932.7	38.9	15.172	9.477	32.0	17.889	24.3	14.235	0.465	0.923	63.2	1.034	20.8	0.853	0.670	38.1	1.085
249406.0	843932.0	38.9	15.226	9.508	32.0	17.951	24.3	14.285	0.465	0.926	63.3	1.037	20.4	0.851	0.645	37.2	1.068
249405.3	843931.3	39.0	15.303	9.554	32.0	18.040	24.2	14.356	0.466	0.930	63.4	1.040	20.3	0.857	0.636	36.6	1.067
249404.6	843930.5	39.0	15.393	9.607	32.0	18.145	24.1	14.440	0.467	0.934	63.4	1.044	20.5	0.866	0.637	36.3	1.074
249403.9	843929.8	39.0	15.486	9.663	32.0	18.253	24.0	14.525	0.469	0.937	63.4	1.048	20.7	0.876	0.639	36.1	1.084
249403.2	843929.1	39.0	15.595	9.728	32.0	18.380	23.9	14.626	0.472	0.941	63.4	1.053	21.1	0.891	0.653	36.3	1.104
249402.5	843928.4	39.1	15.702	9.792	31.9	18.506	23.8	14.726	0.474	0.945	63.4	1.057	21.6	0.905	0.668	36.4	1.125
249401.8	843927.7	39.1	15.809	9.856	31.9	18.630	23.7	14.825	0.477	0.949	63.3	1.062	22.1	0.920	0.683	36.6	1.146
249401.1	843926.9	39.2	15.915	9.920	31.9	18.753	23.7	14.923	0.479	0.952	63.3	1.066	22.6	0.934	0.698	36.8	1.167
249400.4	843926.2	39.2	16.019	9.983	31.9	18.875	23.6	15.021	0.482	0.956	63.3	1.070	23.0	0.949	0.715	37.0	1.188
249399.7	843925.5	39.2	16.089	10.026	31.9	18.957	23.5	15.085	0.482	0.959	63.3	1.073	23.1	0.954	0.712	36.8	1.190
249399.0	843924.8	39.2	16.067	10.013	31.9	18.932	23.5	15.065	0.478	0.961	63.5	1.073	21.9	0.935	0.658	35.2	1.143
249398.3	843924.1	39.2	16.157	10.068	31.9	19.037	23.4	15.149	0.480	0.964	63.5	1.077	22.3	0.945	0.671	35.4	1.159
249397.6	843923.4	39.2	16.246	10.122	31.9	19.142	23.3	15.233	0.482	0.966	63.5	1.080	22.7	0.956	0.685	35.6	1.176
249396.9	843922.6	39.2	16.312	10.163	31.9	19.219	23.3	15.294	0.483	0.969	63.5	1.083	22.8	0.961	0.687	35.5	1.181
249396.2	843921.9	39.3	16.393	10.212	31.9	19.313	23.2	15.369	0.485	0.971	63.5	1.086	23.1	0.970	0.698	35.8	1.195
249395.5	843921.2	39.3	16.463	10.255	31.9	19.395	23.2	15.434	0.486	0.974	63.5	1.088	23.3	0.976	0.706	35.9	1.205
249394.8	843920.5	39.3	16.517	10.289	31.9	19.460	23.1	15.485	0.486	0.976	63.5	1.090	23.3	0.978	0.706	35.8	1.207
249394.2	843919.8	39.3	16.570	10.322	31.9	19.522	23.1	15.535	0.487	0.978	63.5	1.092	23.4	0.981	0.707	35.8	1.209
249393.5	843919.0	39.3	16.623	10.354	31.9	19.584	23.0	15.584	0.487	0.980	63.5	1.094	23.4	0.983	0.710	35.8	1.212
249392.8	843918.3	39.3	16.675	10.387	31.9	19.645	23.0	15.633	0.488	0.981	63.6	1.096	23.5	0.985	0.713	35.9	1.216
249392.1	843917.6	39.4	16.726	10.419	31.9	19.706	22.9	15.682	0.489	0.983	63.6	1.097	23.6	0.987	0.719	36.1	1.221
249391.4	843916.9	39.4	16.777	10.450	31.9	19.766	22.9	15.729	0.489	0.984	63.6	1.099	23.8	0.990	0.725	36.2	1.227
249390.7	843916.2	39.4	16.810	10.471	31.9	19.805	22.9	15.760	0.489	0.985	63.6	1.100	23.7	0.988	0.723	36.2	1.224
249390.0	843915.5	39.4	16.826	10.483	31.9	19.825	22.8	15.776	0.488	0.986	63.7	1.100	23.4	0.982	0.713	36.0	1.213
249389.3	843914.7	39.4	16.948	10.557	31.9	19.967	22.8	15.889	0.493	0.988	63.5	1.104	24.6	1.003	0.764	37.3	1.261
249388.6	843914.0	39.4	16.941	10.554	31.9	19.960	22.8	15.883	0.490	0.988	63.6	1.103	24.0	0.992	0.743	36.9	1.240
249387.9	843913.3	39.4	16.933	10.551	31.9	19.951	22.8	15.877	0.488	0.989	63.7	1.103	23.5	0.981	0.724	36.4	1.219
249387.2	843912.6	39.4	16.928	10.548	31.9	19.946	22.7	15.872	0.486	0.989	63.8	1.102	23.1	0.970	0.707	36.1	1.201
249386.5	843911.9	39.4	16.923	10.547	31.9	19.941	22.7	15.868	0.484	0.989	63.9	1.102	22.7	0.961	0.692	35.7	1.184
249385.8	843911.1	39.4	16.927	10.551	31.9	19.946	22.7	15.873	0.483	0.990	64.0	1.101	22.4	0.954	0.683	35.6	1.173
249385.1	843910.4	39.4	16.967	10.576	31.9	19.993	22.7	15.910	0.483	0.990	64.0	1.102	22.6	0.956	0.695	36.0	1.181
249384.4	843909.7	39.4	17.005	10.600	31.9	20.038	22.7	15.945	0.484	0.991	64.0	1.103	22.8	0.958	0.707	36.5	1.190
249383.7	843909.0	39.4	17.041	10.623	31.9	20.081	22.6	15.980	0.485	0.991	63.9	1.104	23.1	0.959	0.720	36.9	1.200
249383.0	843908.3	39.4	17.067	10.640	31.9	20.112	22.6	16.005	0.485	0.992	64.0	1.104	23.2	0.959	0.728	37.2	1.204
249382.3	843907.6	39.4	17.047	10.629	31.9	20.089	22.6	15.986	0.482	0.992	64.1	1.103	22.7	0.947	0.710	36.9	1.184
249381.6	843906.8	39.4	17.025	10.617	31.9	20.064	22.6	15.966	0.480	0.992	64.2	1.102	22.2	0.935	0.692	36.5	1.164
249380.9	843906.1	39.4	17.005	10.606	32.0	20.042	22.6	15.949	0.478	0.991	64.3	1.101	21.8	0.924	0.677	36.2	1.145
249380.2	843905.4	39.4	16.999	10.604	32.0	20.035	22.6	15.944	0.476	0.991	64.3	1.100	21.5	0.917	0.669	36.1	1.135
249379.5	843904.7	39.3	16.992	10.601	32.0	20.027	22.6	15.937	0.475	0.991	64.4	1.099	21.3	0.909	0.662	36.1	1.125
249378.8	843904.0	39.3	16.983	10.597	32.0	20.018	22.6	15.930	0.474	0.991	64.5	1.099	21.0	0.902	0.655	36.0	1.114
249378.1	843903.2	39.4	17.014	10.616	32.0	20.054	22.6	15.959	0.474	0.992	64.4	1.099	21.3	0.904	0.670	36.6	1.126
249377.4	843902.5	39.4	17.147	10.698	32.0	20.210	22.5	16.083	0.481	0.993	64.2	1.103	23.0	0.933	0.745	38.6	1.194
249376.8	843901.8	39.5	17.238	10.754	32.0	20.318	22.4	16.168	0.485	0.994	64.0	1.106	24.1	0.950	0.797	40.0	1.240
249376.1	843901.1	39.5	17.240	10.756	32.0	20.320	22.4	16.170	0.485	0.994	64.0	1.106	24.1	0.946	0.797	40.1	1.237
249375.4	843900.4	39.5	17.236	10.755	32.0	20.317	22.4	16.167	0.484	0.994	64.0	1.105	24.0	0.941	0.796	40.2	1.233
249374.7	843899.7	39.5	17.231	10.753	32.0	20.311	22.4	16.163	0.483	0.994	64.1	1.105	23.9	0.935	0.794	40.3	1.227
249374.0	843898.9	39.5	17.225	10.750	32.0	20.304	22.4	16.157	0.482	0.993	64.1	1.104	23.8	0.930	0.792	40.4	1.222
249373.3	843898.2	39.5	17.217	10.747	32.0	20.296	22.4	16.151	0.481	0.993	64.1	1.104	23.7	0.924	0.790	40.5	1.216
249372.6	843897.5	39.5	17.209	10.743	32.0	20.287	22.4	16.144	0.480	0.993	64.2	1.103	23.6	0.919	0.788	40.6	1.211
249371.9	843896.8	39.5	17.200	10.739	32.0	20.277	22.4	16.136	0.480	0.993	64.2	1.103	23.5	0.913	0.786	40.7	1.205
249371.2	843896.1	39.5	17.187	10.732	32.0	20.262	22.4	16.124	0.479	0.992	64.3	1.102	23.4	0.907	0.782	40.8	1.198
249370.5	843895.4	39.5	17.162	10.718	32.0	20.234	22.4	16.102	0.477	0.992	64.3	1.101	23.1	0.899	0.772	40.7	1.185
249369.8	843894.6	39.5	17.150	10.712	32.0	20.220	22.4	16.091	0.476	0.992	64.4	1.100	23.0	0.894	0.769	40.7	1.179
249369.1	843893.9	39.5	17.142	10.708	32.0	20.212	22.4	16.084	0.476	0.992	64.4	1.100	23.0	0.891	0.769	40.8	1.177
249368.4	843893.2	39.5	17.134	10.704	32.0	20.203	22.4	16.077	0.475	0.991	64.4	1.099	23.0	0.888	0.769	40.9	1.175
249367.7	843892.5	39.5	17.124	10.700	32.0	20.192	22.4	16.068	0.474	0.991	64.4	1.099	23.0	0.886	0.768	40.9	1.172
249367.0	843891.8	39.5	17.114	10.694	32.0	20.180	22.4	16.059	0.473	0.991	64.5	1.098	23.0	0.884	0.767	41.0	1.170
249366.3	843891.0	39.5	17.102	10.688	32.0	20.167	22.4	16.048	0.472	0.991	64.5	1.098	22.9	0.882	0.765	40.9	1.168
249365.6	843890.3	39.5	17.089	10.681	32.0	20.152	22.4	16.037	0.471	0.991	64.5	1.097	22.9	0.882	0.763	40.9	1.166

249364.9	843889.6	39.5	17.075	10.674	32.0	20.136	22.4	16.024	0.470	0.990	64.6	1.096	22.8	0.882	0.760	40.8	1.164
249364.2	843888.9	39.5	17.054	10.662	32.0	20.112	22.4	16.005	0.469	0.990	64.7	1.096	22.7	0.881	0.754	40.6	1.159
249363.5	843888.2	39.5	17.030	10.649	32.0	20.085	22.4	15.983	0.467	0.990	64.7	1.095	22.6	0.880	0.746	40.3	1.154
249362.8	843887.5	39.5	17.006	10.635	32.0	20.057	22.4	15.961	0.465	0.990	64.8	1.094	22.4	0.880	0.738	40.0	1.148
249362.1	843886.7	39.5	16.980	10.620	32.0	20.027	22.4	15.937	0.463	0.990	64.9	1.093	22.3	0.881	0.729	39.6	1.143
249361.4	843886.0	39.5	16.953	10.605	32.0	19.997	22.4	15.913	0.461	0.990	65.0	1.092	22.1	0.882	0.719	39.2	1.138
249360.7	843885.3	39.5	16.925	10.589	32.0	19.964	22.4	15.887	0.459	0.990	65.1	1.091	22.0	0.884	0.710	38.8	1.134
249360.0	843884.6	39.5	16.896	10.572	32.0	19.931	22.4	15.861	0.457	0.989	65.2	1.090	21.8	0.887	0.700	38.3	1.130
249359.4	843883.9	39.5	16.866	10.555	32.0	19.897	22.4	15.833	0.455	0.989	65.3	1.089	21.6	0.889	0.690	37.8	1.126
249358.7	843883.1	39.5	16.835	10.537	32.0	19.861	22.4	15.805	0.452	0.989	65.4	1.087	21.5	0.892	0.680	37.3	1.122
249358.0	843882.4	39.5	16.839	10.540	32.0	19.865	22.4	15.808	0.452	0.989	65.4	1.087	21.8	0.904	0.691	37.4	1.138
249357.3	843881.7	39.5	16.842	10.543	32.0	19.869	22.4	15.811	0.452	0.989	65.5	1.087	22.1	0.917	0.702	37.4	1.154
249356.6	843881.0	39.5	16.801	10.519	32.1	19.822	22.4	15.774	0.449	0.988	65.6	1.085	21.8	0.919	0.688	36.8	1.148
249355.9	843880.3	39.5	16.735	10.480	32.1	19.745	22.5	15.713	0.445	0.987	65.8	1.083	21.3	0.915	0.661	35.8	1.129
249355.2	843879.6	39.5	16.703	10.461	32.1	19.709	22.5	15.684	0.443	0.987	65.8	1.081	21.2	0.920	0.654	35.4	1.129
249354.5	843878.8	39.5	16.670	10.442	32.1	19.671	22.5	15.654	0.441	0.986	65.9	1.080	21.1	0.924	0.648	35.0	1.129
249353.8	843878.1	39.5	16.645	10.428	32.1	19.642	22.5	15.631	0.439	0.985	66.0	1.079	21.1	0.931	0.648	34.8	1.134
249353.1	843877.4	39.5	16.632	10.420	32.1	19.627	22.5	15.618	0.438	0.984	66.0	1.077	21.3	0.940	0.655	34.9	1.145
249352.4	843876.7	39.5	16.617	10.412	32.1	19.610	22.5	15.605	0.438	0.983	66.0	1.076	21.5	0.948	0.663	35.0	1.157
249351.7	843876.0	39.5	16.602	10.403	32.1	19.592	22.5	15.591	0.437	0.982	66.0	1.075	21.7	0.956	0.672	35.1	1.169
249351.0	843875.2	39.5	16.575	10.388	32.1	19.561	22.5	15.566	0.436	0.981	66.0	1.073	21.8	0.962	0.675	35.1	1.175
249350.3	843874.5	39.5	16.534	10.364	32.1	19.514	22.5	15.529	0.434	0.979	66.1	1.071	21.7	0.963	0.671	34.9	1.174
249349.6	843873.8	39.5	16.493	10.340	32.1	19.466	22.5	15.491	0.432	0.978	66.1	1.069	21.7	0.965	0.668	34.7	1.173
249348.9	843873.1	39.5	16.451	10.315	32.1	19.417	22.5	15.452	0.431	0.976	66.2	1.067	21.6	0.966	0.665	34.5	1.172
249348.2	843872.4	39.5	16.408	10.289	32.1	19.367	22.6	15.412	0.429	0.974	66.2	1.064	21.5	0.966	0.662	34.4	1.171
249347.5	843871.7	39.5	16.364	10.263	32.1	19.316	22.6	15.371	0.427	0.972	66.3	1.062	21.5	0.966	0.660	34.4	1.170
249346.8	843870.9	39.5	16.319	10.236	32.1	19.263	22.6	15.329	0.426	0.970	66.3	1.060	21.4	0.965	0.659	34.3	1.168
249346.1	843870.2	39.5	16.273	10.209	32.1	19.211	22.6	15.287	0.424	0.968	66.3	1.057	21.4	0.964	0.657	34.3	1.167
249345.4	843869.5	39.5	16.229	10.183	32.1	19.160	22.6	15.247	0.423	0.966	66.4	1.055	21.3	0.963	0.658	34.3	1.166
249344.7	843868.8	39.5	16.186	10.158	32.1	19.109	22.6	15.207	0.422	0.964	66.4	1.052	21.3	0.961	0.659	34.4	1.165
249344.0	843868.1	39.5	16.142	10.131	32.1	19.058	22.6	15.166	0.420	0.962	66.4	1.050	21.3	0.959	0.661	34.6	1.165
249343.3	843867.3	39.5	16.099	10.106	32.1	19.008	22.7	15.126	0.419	0.960	66.4	1.048	21.3	0.957	0.663	34.7	1.165
249342.6	843866.6	39.6	16.067	10.087	32.1	18.971	22.7	15.097	0.419	0.958	66.4	1.046	21.5	0.958	0.673	35.1	1.171
249342.0	843865.9	39.6	16.035	10.068	32.1	18.934	22.7	15.067	0.419	0.956	66.3	1.044	21.7	0.958	0.683	35.5	1.176
249341.3	843865.2	39.6	16.001	10.048	32.1	18.895	22.7	15.036	0.418	0.954	66.3	1.042	21.9	0.957	0.693	35.9	1.181
249340.6	843864.5	39.6	15.967	10.028	32.1	18.854	22.7	15.004	0.418	0.952	66.3	1.040	22.0	0.956	0.702	36.3	1.186
249339.9	843863.8	39.6	15.931	10.006	32.1	18.813	22.7	14.971	0.418	0.950	66.3	1.038	22.2	0.954	0.711	36.7	1.190
249339.2	843863.0	39.6	15.895	9.985	32.1	18.771	22.7	14.937	0.417	0.948	66.2	1.036	22.3	0.953	0.720	37.1	1.194
249338.5	843862.3	39.6	15.785	9.918	32.1	18.642	22.8	14.835	0.413	0.945	66.4	1.031	21.5	0.933	0.684	36.2	1.157
249337.8	843861.6	39.5	15.667	9.847	32.1	18.505	22.8	14.726	0.408	0.942	66.6	1.027	20.5	0.912	0.643	35.2	1.116
249337.1	843860.9	39.5	15.550	9.776	32.2	18.367	22.9	14.616	0.403	0.939	66.8	1.022	19.5	0.891	0.602	34.1	1.075
249336.4	843860.2	39.5	15.490	9.740	32.2	18.298	22.9	14.561	0.401	0.937	66.8	1.020	19.3	0.884	0.597	34.0	1.066
249335.7	843859.4	39.5	15.471	9.729	32.2	18.276	22.9	14.544	0.402	0.935	66.7	1.018	19.7	0.886	0.617	34.8	1.080
249335.0	843858.7	39.5	15.451	9.717	32.2	18.253	22.9	14.525	0.403	0.934	66.7	1.017	20.1	0.889	0.636	35.6	1.093
249334.3	843858.0	39.6	15.431	9.705	32.2	18.229	22.9	14.506	0.403	0.932	66.6	1.015	20.5	0.891	0.654	36.3	1.106
249333.6	843857.3	39.6	15.378	9.673	32.2	18.168	22.9	14.457	0.402	0.929	66.6	1.012	20.6	0.882	0.646	36.2	1.093
249332.9	843856.6	39.6	15.329	9.643	32.2	18.110	22.9	14.411	0.401	0.927	66.6	1.010	20.6	0.878	0.647	36.4	1.091
249332.2	843855.9	39.6	15.279	9.613	32.2	18.051	23.0	14.365	0.400	0.925	66.6	1.007	20.6	0.875	0.647	36.5	1.088
249331.5	843855.1	39.6	15.227	9.582	32.2	17.991	23.0	14.317	0.398	0.923	66.7	1.005	20.6	0.872	0.646	36.5	1.085
249330.8	843854.4	39.6	15.176	9.551	32.2	17.931	23.0	14.269	0.397	0.921	66.7	1.003	20.5	0.870	0.645	36.5	1.083
249330.1	843853.7	39.6	15.123	9.519	32.2	17.869	23.0	14.220	0.395	0.919	66.7	1.000	20.5	0.868	0.643	36.5	1.080
249329.4	843853.0	39.6	15.070	9.486	32.2	17.807	23.0	14.170	0.394	0.917	66.8	0.998	20.4	0.866	0.640	36.5	1.077
249328.7	843852.3	39.6	15.017	9.454	32.2	17.745	23.1	14.121	0.392	0.915	66.8	0.996	20.4	0.865	0.638	36.4	1.074
249328.0	843851.6	39.6	14.948	9.412	32.2	17.664	23.1	14.057	0.390	0.913	66.9	0.993	20.1	0.860	0.625	36.0	1.063
249327.3	843850.8	39.6	14.875	9.368	32.2	17.579	23.1	13.989	0.387	0.911	67.0	0.990	19.8	0.855	0.610	35.5	1.050
249326.6	843850.1	39.6	14.801	9.323	32.2	17.493	23.1	13.920	0.384	0.909	67.1	0.987	19.4	0.851	0.594	34.9	1.038
249325.9	843849.4	39.6	14.727	9.278	32.2	17.406	23.2	13.851	0.382	0.907	67.2	0.984	19.1	0.847	0.578	34.3	1.025
249325.2	843848.7	39.6	14.659	9.236	32.2	17.326	23.2	13.788	0.379	0.905	67.3	0.981	18.9	0.845	0.565	33.8	1.017
249324.6	843848.0	39.6	14.621	9.213	32.2	17.282	23.2	13.753	0.378	0.904	67.3	0.979	19.1	0.851	0.573	33.9	1.025
249323.9	843847.2	39.7	14.588	9.193	32.2	17.243	23.2	13.722	0.378	0.902	67.3	0.978	19.4	0.858	0.583	34.2	1.037
249323.2	843846.5	39.7	14.554	9.173	32.2	17.203	23.2	13.690	0.377	0.900	67.3	0.976	19.6	0.865	0.593	34.4	1.049
249322.5	843845.8	39.7	14.519	9.152	32.2	17.163	23.2	13.658	0.376	0.898	67.3	0.974	19.9	0.873	0.603	34.6	1.061
249321.8	843845.1	39.7	14.484	9.130	32.2	17.121	23.3	13.624	0.376	0.896	67.3	0.972	20.2	0.881	0.613	34.8	1.073
249321.1	843844.4	39.8	14.447	9.108	32.2	17.078	23.3	13.591	0.375	0.894	67.2	0.970	20.4	0.889	0.622	35.0	1.085
249320.4	843843.7	39.8	14.410	9.085	32.2	17.035	23.3	13.556	0.375	0.892	67.2	0.968	20.7	0.897	0.632	35.2	1.097
249319.7	843842.9	39.8	14.372	9.062	32.2	16.990	23.3	13.520	0.374	0.890	67.2	0.966	21.0	0.905	0.641	35.3	1.109
249319.0	843842.2	39.8	14.333	9.038	32.2	16.945	23.3	13.484	0.373	0.888	67.2	0.963	21.2	0.913	0.651	35.5	1.121
249318.3	843841.5	39.9	14.292	9.013	32.2	16.897	23.3	13.446	0.372	0.886	67.2	0.961	21.5	0.921	0.659	35.6	1.132
249317.6	843840.8	39.9	14.246	8.985	32.2	16.843	23.3	13.403	0.371	0.884	67.2	0.958	21.6	0.927	0.664	35.6	1.141
249316.9	843840.1	39.9	14.180	8.945	32.2	16.766	23.4	13.342	0.369	0.881	67.3	0.955	21.5	0.929	0.657	35.3	1.138
249316.2	843839.3	39.9	14.097	8.893	32.2	16.668	23.4	13.264	0.366	0.878	67.4	0.951	21.1	0.928	0.639	34.6	1.126
249315.5	843838.6	39.9	14.014	8.842	32.3	16.570	23.4	13.186	0.363	0.875	67.5	0.947	20.7	0.926	0.621	33.9	1.115
249314.8	843837.9	39.9	13.945	8.800	32.3	16.489	23.4	13.122	0.361	0.872	67.5	0.944	20.6	0.927	0.613	33.4	1.111
249314.1	843837.2	39.9	13.875	8.757	32.3	16.407	23.5	13.056	0.358	0.869	67.6	0.940	20.4	0.929	0.604	33.0	1.108
249313.4	843836.5	39.9	13.805	8.714	32.3	16.325	23.5	12.991	0.356	0.866	67.7	0.937	20.2	0.931	0.595	32.6	1.105
249312.7	843835.8	39.9	13.734	8.671	32.3	16.242	23.5	12.925	0.354	0.864	67.7	0.933	20.0	0.933	0.585	32.1	1.101
249312.0	843835.0	39.9	13.669	8.631	32.3	16.166	23.6	12.865	0.352	0.861	67.8	0.930	19.9	0.936	0.579	31.8	1.101
249311.3	843834.3	39.9	13.618	8.599	32.3	16.106	23.6	12.817	0.350	0.858	67.8	0.927	20.0	0.943	0.582	31.7	1.108
249310.6	843833.6	40.0	13.566	8.567	32.3	16.045	23.6	12.768	0.349	0.855	67.8	0.924	20.0	0.950	0.585	31.6	1.116
249309.9	843832.9	40.0	13.514	8.535	32.3	15.983	23.6	12.719	0.348	0.852	67.8	0.921	20.1	0.957	0.587	31.5	1.122
249309.2	843832.2	40.0	13.461	8.502	32.3	15.921	23.6	12.670	0.346	0.850	67.8	0.917	20.1	0.964	0.588	31.4	1.129
249308.5	843831.4	40.0	13.407	8.469	32.3	15.858	23.7	12.620	0.344	0.847	67.9	0.914	20.1	0.971	0.588	31.2	1.135
249307.8	843830.7	40.0	13.353	8.436	32.3	15.795	23.7	12.569	0.343	0.844	67.9	0.911	20.1	0.978	0.587	31.0	1.141
249307.2	843830.0	40.1	13.299	8.402	32.3	15.730	23.7	12.518	0.341	0.842	68.0	0.908	20.0	0.986	0.585	30.7	1.146
249306.5	843829.3	40.1	13.228	8.358	32.3	15.647	23.7	12.452	0.338	0.839	68.1	0.904	19.7	0.989	0.571	30.0	1.142
249305.8	843828.6	40.1	13.180	8.329	32.3	15.591	23.7	12.407	0.336	0.836	68.1	0.901	19.7	0.999	0.572	29.8	1.151
249305.1	843827.9	40.1	13.114	8.288	32.3	15.514	23.8	12.345	0.333	0.834	68.2	0.898	19.4	1.004	0.559	29.1	1.149

249304.4	843827.1	40.1	13.048	8.247	32.3	15.436	23.8	12.283	0.330	0.831	68.3	0.894	19.0	1.009	0.544	28.3	1.147
249303.7	843826.4	40.1	12.981	8.206	32.3	15.357	23.8	12.221	0.327	0.829	68.5	0.891	18.6	1.015	0.528	27.5	1.144
249303.0	843825.7	40.2	12.914	8.164	32.3	15.278	23.8	12.158	0.323	0.827	68.6	0.887	18.2	1.020	0.510	26.5	1.140
249302.3	843825.0	40.2	12.846	8.122	32.3	15.199	23.9	12.095	0.319	0.824	68.8	0.884	17.7	1.026	0.489	25.5	1.136
249301.6	843824.3	40.1	12.737	8.054	32.3	15.069	23.9	11.992	0.313	0.822	69.1	0.880	16.5	1.021	0.437	23.2	1.111
249300.9	843823.5	40.1	12.606	7.973	32.3	14.916	24.0	11.869	0.306	0.820	69.5	0.875	14.9	1.011	0.368	20.0	1.076
249300.2	843822.8	40.1	12.482	7.896	32.3	14.769	24.0	11.753	0.299	0.817	69.9	0.871	13.3	1.002	0.300	16.7	1.046
249299.5	843822.1	40.3	12.639	7.993	32.3	14.954	23.9	11.900	0.305	0.818	69.5	0.873	16.2	1.061	0.427	21.9	1.144
249298.8	843821.4	40.7	13.012	8.225	32.3	15.394	23.8	12.250	0.325	0.823	68.4	0.885	22.3	1.166	0.695	30.8	1.358
249298.1	843820.7	40.6	12.875	8.140	32.3	15.232	23.8	12.121	0.315	0.821	69.0	0.879	20.4	1.152	0.613	28.0	1.305
249297.4	843820.0	40.4	12.514	7.916	32.3	14.808	24.0	11.784	0.293	0.817	70.3	0.868	14.8	1.087	0.372	18.9	1.149
249296.7	843819.2	40.3	12.270	7.764	32.3	14.520	24.1	11.555	0.280	0.816	71.0	0.862	10.9	1.046	0.203	11.0	1.065
249296.0	843818.5	40.2	12.108	7.664	32.3	14.330	24.2	11.403	0.272	0.815	71.6	0.859	8.1	1.022	0.086	4.8	1.026
249295.3	843817.8	40.0	11.794	7.468	32.3	13.960	24.3	11.109	0.262	0.815	72.2	0.856	2.5	0.960	-0.150	-8.9	0.972
249294.6	843817.1	40.0	11.719	7.421	32.3	13.872	24.3	11.039	0.258	0.817	72.5	0.857	0.9	0.952	-0.215	-12.8	0.976
249293.9	843816.4	40.3	11.960	7.571	32.3	14.155	24.2	11.264	0.259	0.821	72.5	0.861	4.5	1.013	-0.049	-2.8	1.014
249293.2	843815.6	40.3	11.900	7.534	32.3	14.085	24.2	11.208	0.255	0.823	72.8	0.862	2.9	1.000	-0.111	-6.4	1.006
249292.5	843814.9	40.3	11.843	7.498	32.3	14.017	24.2	11.154	0.253	0.827	73.0	0.865	1.4	0.983	-0.177	-10.2	0.999
249291.8	843814.2	40.4	11.804	7.473	32.3	13.971	24.3	11.118	0.251	0.831	73.2	0.868	1.3	0.965	-0.234	-13.6	0.993
249291.1	843813.5	40.5	11.869	7.514	32.3	14.047	24.2	11.179	0.251	0.836	73.3	0.873	1.8	0.964	-0.218	-12.7	0.989
249290.4	843812.8	40.7	11.977	7.581	32.3	14.175	24.2	11.280	0.252	0.841	73.3	0.878	2.3	0.966	-0.175	-10.3	0.982
249289.8	843812.1	40.9	12.085	7.648	32.3	14.302	24.1	11.381	0.254	0.847	73.3	0.884	2.9	0.960	-0.137	-8.1	0.970
249289.1	843811.3	40.9	12.047	7.624	32.3	14.257	24.1	11.345	0.256	0.853	73.3	0.890	4.0	0.916	-0.213	-13.1	0.940
249288.4	843810.6	40.9	11.976	7.580	32.3	14.173	24.1	11.279	0.260	0.859	73.1	0.898	6.6	0.857	-0.317	-20.3	0.914
249287.7	843809.9	41.0	12.008	7.600	32.3	14.211	24.1	11.309	0.266	0.866	72.9	0.906	8.2	0.812	-0.350	-23.3	0.884
249287.0	843809.2	41.4	12.309	7.787	32.3	14.565	24.0	11.590	0.270	0.873	72.8	0.914	6.8	0.816	-0.189	-13.0	0.837
249286.3	843808.5	41.7	12.561	7.943	32.3	14.862	23.9	11.827	0.276	0.880	72.6	0.922	6.6	0.800	-0.071	-5.1	0.803
249285.6	843807.8	41.9	12.703	8.031	32.3	15.029	23.8	11.959	0.284	0.888	72.3	0.932	7.3	0.754	-0.039	-3.0	0.755
249284.9	843807.0	42.1	12.850	8.122	32.3	15.202	23.7	12.097	0.292	0.895	71.9	0.942	8.1	0.701	-0.009	-0.7	0.701
249284.2	843806.3	42.4	13.117	8.287	32.3	15.515	23.6	12.347	0.301	0.903	71.5	0.951	8.2	0.666	0.098	8.4	0.673
249283.5	843805.6	42.8	13.423	8.477	32.3	15.875	23.4	12.633	0.311	0.910	71.1	0.962	8.3	0.633	0.224	19.5	0.672
249282.8	843804.9	43.1	13.788	8.702	32.3	16.304	23.3	12.975	0.322	0.918	70.7	0.973	8.8	0.607	0.379	32.0	0.716
249282.1	843804.2	43.5	14.192	8.952	32.2	16.780	23.1	13.353	0.335	0.927	70.1	0.985	9.7	0.585	0.547	43.1	0.801
249281.4	843803.4	43.9	14.629	9.222	32.2	17.293	22.9	13.761	0.349	0.936	69.5	0.999	11.1	0.565	0.722	51.9	0.917
249280.7	843802.7	44.2	14.877	9.375	32.2	17.585	22.7	13.994	0.359	0.944	69.2	1.010	10.8	0.503	0.770	56.9	0.920
249280.0	843802.0	44.4	15.058	9.486	32.2	17.797	22.6	14.163	0.367	0.952	68.9	1.020	9.8	0.423	0.769	61.2	0.878
249279.3	843801.3	44.6	15.188	9.566	32.2	17.949	22.6	14.283	0.375	0.960	68.6	1.031	8.5	0.331	0.728	65.6	0.800
249278.6	843800.6	44.9	15.503	9.760	32.2	18.319	22.4	14.578	0.386	0.970	68.3	1.044	8.0	0.278	0.787	70.6	0.835
249277.9	843799.9	45.2	15.888	9.996	32.2	18.771	22.2	14.937	0.396	0.981	68.0	1.057	7.7	0.240	0.873	74.6	0.906
249277.2	843799.1	45.6	16.336	10.272	32.2	19.297	22.0	15.356	0.406	0.993	67.8	1.073	7.8	0.218	0.981	77.5	1.005
249276.5	843798.4	46.1	16.947	10.646	32.1	20.014	21.7	15.926	0.419	1.007	67.4	1.091	9.5	0.232	1.160	78.7	1.183
249275.8	843797.7	46.5	17.473	10.968	32.1	20.630	21.5	16.416	0.430	1.022	67.2	1.109	10.6	0.230	1.275	79.8	1.296
249275.1	843797.0	46.8	17.920	11.241	32.1	21.154	21.3	16.834	0.438	1.038	67.1	1.126	10.7	0.213	1.334	80.9	1.351
249274.4	843796.3	47.3	18.597	11.654	32.1	21.947	21.0	17.465	0.453	1.056	66.8	1.149	13.5	0.246	1.493	80.6	1.514
249273.7	843795.5	47.6	19.116	11.970	32.1	22.555	20.7	17.948	0.462	1.074	66.7	1.169	14.2	0.249	1.558	80.9	1.578
249273.0	843794.8	48.0	19.605	12.268	32.0	23.127	20.5	18.404	0.469	1.092	66.8	1.189	14.5	0.248	1.594	81.1	1.613
249272.4	843794.1	48.4	20.338	12.714	32.0	23.985	20.1	19.087	0.485	1.114	66.5	1.215	17.4	0.299	1.733	80.2	1.758
249271.7	843793.4	48.8	20.853	13.026	32.0	24.587	19.9	19.566	0.492	1.134	66.6	1.236	17.7	0.309	1.755	80.0	1.782
249271.0	843792.7	49.0	21.196	13.234	32.0	24.988	19.7	19.885	0.490	1.151	66.9	1.251	15.9	0.290	1.689	80.3	1.713
249270.3	843792.0	49.5	22.031	13.740	32.0	25.964	19.3	20.662	0.509	1.176	66.6	1.281	19.6	0.366	1.834	78.7	1.870
249269.6	843791.2	49.8	22.664	14.123	31.9	26.704	19.0	21.250	0.519	1.198	66.6	1.306	20.9	0.406	1.877	77.8	1.921
249268.9	843790.5	50.2	23.318	14.518	31.9	27.468	18.7	21.858	0.530	1.220	66.5	1.331	22.2	0.452	1.920	76.8	1.972
249268.2	843789.8	50.5	23.959	14.905	31.9	28.217	18.4	22.454	0.540	1.243	66.5	1.355	23.4	0.497	1.948	75.7	2.010
249267.5	843789.1	50.7	24.139	15.013	31.9	28.426	18.4	22.621	0.524	1.259	67.4	1.363	19.6	0.467	1.774	75.3	1.834
249266.8	843788.4	51.0	24.738	15.374	31.9	29.127	18.1	23.178	0.530	1.280	67.5	1.385	20.3	0.510	1.773	73.9	1.845
249266.1	843787.6	51.5	25.610	15.899	31.8	30.144	17.7	23.988	0.551	1.305	67.1	1.416	23.6	0.599	1.879	72.3	1.972
249265.4	843786.9	51.9	26.553	16.465	31.8	31.243	17.3	24.863	0.580	1.330	66.5	1.451	27.5	0.697	2.006	70.8	2.123
249264.7	843786.2	52.2	27.096	16.791	31.8	31.877	17.0	25.367	0.583	1.350	66.7	1.470	27.5	0.734	1.968	69.6	2.100
249264.0	843785.5	52.5	27.629	17.110	31.8	32.498	16.8	25.861	0.585	1.368	66.9	1.488	27.4	0.770	1.925	68.2	2.073
249263.3	843784.8	52.8	28.355	17.545	31.7	33.345	16.4	26.535	0.601	1.389	66.6	1.513	29.1	0.835	1.957	66.9	2.128
249262.6	843784.1	53.2	29.291	18.105	31.7	34.434	16.0	27.402	0.635	1.412	65.8	1.548	32.9	0.928	2.069	65.8	2.268
249261.9	843783.3	53.5	30.009	18.535	31.7	35.271	15.7	28.068	0.653	1.430	65.5	1.572	34.6	0.990	2.098	64.7	2.319
249261.2	843782.6	53.8	30.453	18.800	31.7	35.789	15.5	28.480	0.650	1.444	65.8	1.583	33.9	1.016	2.026	63.4	2.266
249260.5	843781.9	54.1	31.413	19.373	31.7	36.906	15.1	29.369	0.691	1.464	64.7	1.619	37.9	1.106	2.149	62.8	2.417
249259.8	843781.2	54.4	31.995	19.721	31.6	37.584	14.8	29.909	0.702	1.478	64.6	1.636	38.7	1.149	2.136	61.7	2.426
249259.1	843780.5	54.7	32.544	20.048	31.6	38.224	14.6	30.418	0.711	1.490	64.5	1.651	39.3	1.187	2.117	60.7	2.427
249258.4	843779.7	54.9	33.025	20.335	31.6	38.783	14.4	30.863	0.714	1.501	64.6	1.662	39.3	1.217	2.078	59.6	2.408
249257.7	843779.0	55.0	32.974	20.305	31.6	38.725	14.4	30.816	0.671	1.503	65.9	1.646	34.9	1.186	1.854	57.4	2.201
249257.0	843778.3	55.1	32.837	20.224	31.6	38.565	14.4	30.689	0.624	1.504	67.5	1.629	29.7	1.147	1.604	54.4	1.972
249256.3	843777.6	55.2	32.727	20.158	31.6	38.437	14.5	30.587	0.583	1.507	68.9	1.615	24.7	1.112	1.369	50.9	1.764
249255.6	843776.9	55.3	32.694	20.139	31.6	38.400	14.5	30.557	0.551	1.510	69.9	1.607	20.6	1.087	1.169	47.1	1.596
249255.0	843776.2	55.5	33.053	20.353	31.6	38.817	14.3	30.889	0.548	1.517	70.1	1.613	20.2	1.108	1.120	45.3	1.576
249254.3	843775.4	55.8	33.888	20.851	31.6	39.789	14.0	31.663	0.580	1.527	69.2	1.634	24.4	1.184	1.254	46.6	1.725
249253.6	843774.7	56.3	35.296	21.689	31.6	41.427	13.3	32.967	0.666	1.545	66.7	1.682	33.7	1.319	1.592	50.4	2.067
249252.9	843774.0	56.6	36.046	22.136	31.6	42.301	13.0	33.662	0.702	1.555	65.7	1.706	37.2	1.380	1.695	50.8	2.186
249252.2	843773.3	56.8	36.381	22.336	31.5	42.690	12.9	33.972	0.701	1.560	65.8	1.711	37.1	1.399	1.659	49.9	2.170
249251.5	843772.6	57.0	36.767	22.566	31.5	43.140	12.7	34.330	0.707	1.566	65.7	1.718	37.6	1.422	1.648	49.2	2.177
249250.8	843771.8	57.2	37.079	22.752	31.5	43.502	12.5	34.618	0.707	1.570	65.8	1.722	37.6	1.439	1.617	48.3	2.164
249250.1	843771.1	57.5	37.871	23.223	31.5	44.424	12.2	35.351	0.756	1.580	64.4	1.752	41.9	1.501	1.754	49.5	2.309
249249.4	843770.4	57.5	37.660	23.098	31.5	44.179	12.3	35.157	0.708	1.577	65.8	1.728	37.8	1.467	1.561	46.8	2.142
249248.7	843769.7	57.6	37.564	23.042	31.5	44.068	12.3	35.068	0.675	1.575	66.8	1.714	34.7	1.444	1.413	44.4	2.020
249248.0	843769.0	57.8	37.923	23.256	31.5	44.486	12.2	35.401	0.686	1.579	66.5	1.722	35.8	1.464	1.426	44.3	2.044
249247.3	843768.3	58.0	38.006	23.305	31.5	44.582	12.1	35.477	0.674	1.579	66.9	1.717	34.7	1.458	1.353	42.9	1.988
249246.6	843767.5	58.1	38.197	23.419	31.5	44.805	12.0	35.654	0.673	1.581	66.9	1.718	34.6	1.461	1.323	42.2	1.971
249245.9	843766.8	58.3	38.345	23.508	31.5	44.978	12.0	35.792	0.671	1.582	67.0	1.718	34.4	1.461	1.287	41.4	1.947
249245.2	843766.1	58.5	38.491	23.595	31.5	45.148	11.9	35.928	0.670	1.583	67.1	1.719	34.4	1.461	1.256	40.7	1.927
249244.5	843765.4	58.6	38.762	23.757	31.5	45.463	11.8	36.178	0.683	1.586	66.7	1.727	35.7	1.473	1.276	40.9	1.948

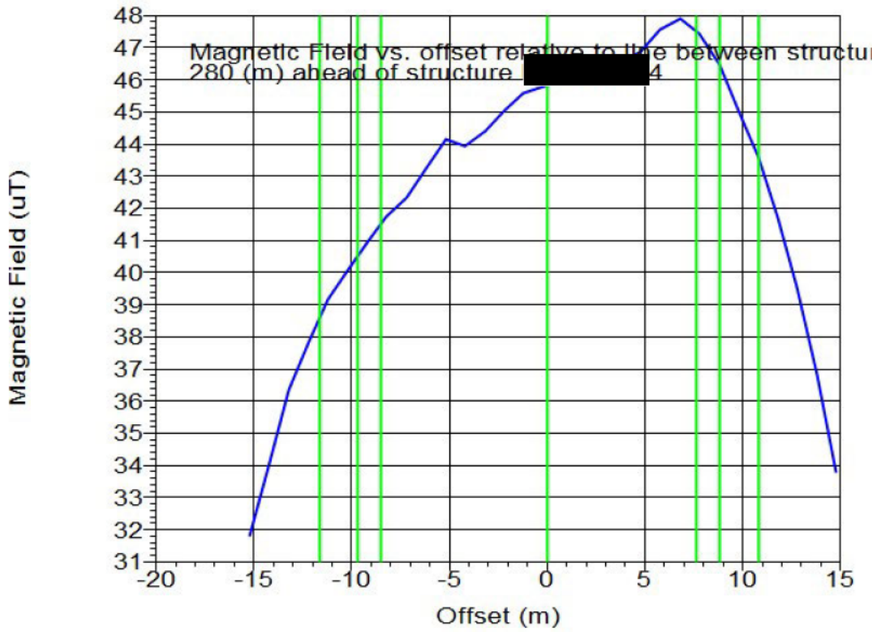
249243.8	843764.7	58.8	39.068	23.939	31.5	45.819	11.6	36.461	0.702	1.589	66.1	1.737	37.5	1.488	1.314	41.5	1.985
249243.1	843764.0	59.0	39.092	23.954	31.5	45.847	11.6	36.484	0.696	1.588	66.3	1.734	37.0	1.478	1.266	40.6	1.946
249242.4	843763.2	59.1	38.877	23.827	31.5	45.598	11.7	36.286	0.668	1.586	67.1	1.721	34.5	1.448	1.144	38.3	1.846
249241.7	843762.5	59.1	38.682	23.711	31.5	45.371	11.8	36.105	0.645	1.583	67.8	1.710	32.4	1.421	1.036	36.1	1.758
249241.0	843761.8	59.3	38.649	23.692	31.5	45.333	11.8	36.075	0.639	1.583	68.0	1.707	32.0	1.409	0.991	35.1	1.722
249240.3	843761.1	59.4	38.667	23.703	31.5	45.354	11.8	36.092	0.641	1.583	68.0	1.708	32.2	1.403	0.971	34.7	1.706
249239.6	843760.4	59.5	38.495	23.601	31.5	45.154	11.9	35.933	0.626	1.581	68.4	1.701	31.0	1.380	0.895	33.0	1.645
249238.9	843759.6	59.5	38.211	23.432	31.5	44.824	12.0	35.670	0.603	1.579	69.1	1.690	28.9	1.348	0.787	30.3	1.561
249238.2	843758.9	59.7	38.147	23.394	31.5	44.749	12.0	35.610	0.603	1.578	69.1	1.689	29.0	1.335	0.766	29.9	1.539
249237.6	843758.2	59.9	38.413	23.553	31.5	45.059	11.9	35.857	0.636	1.579	68.0	1.702	32.3	1.351	0.872	32.8	1.608
249236.9	843757.5	60.1	38.768	23.765	31.5	45.472	11.7	36.186	0.682	1.581	66.7	1.722	36.6	1.373	1.018	36.6	1.710
249236.2	843756.8	60.2	38.775	23.769	31.5	45.480	11.7	36.192	0.697	1.580	66.2	1.726	37.9	1.362	1.055	37.8	1.723
249235.5	843756.1	60.3	38.779	23.772	31.5	45.485	11.7	36.196	0.713	1.578	65.7	1.731	39.5	1.349	1.103	39.3	1.742
249234.8	843755.3	60.4	38.528	23.622	31.5	45.193	11.8	35.963	0.706	1.572	65.8	1.724	39.0	1.309	1.073	39.3	1.693
249234.1	843754.6	60.5	38.214	23.436	31.5	44.828	12.0	35.673	0.695	1.566	66.1	1.713	38.1	1.261	1.033	39.3	1.630
249233.4	843753.9	60.5	37.844	23.215	31.5	44.397	12.1	35.330	0.680	1.558	66.4	1.700	36.9	1.202	0.985	39.3	1.554
249232.7	843753.2	60.6	37.693	23.126	31.5	44.222	12.2	35.191	0.690	1.552	66.0	1.699	37.8	1.159	1.027	41.5	1.549
249232.0	843752.5	60.8	37.687	23.122	31.5	44.215	12.2	35.185	0.715	1.547	65.2	1.705	40.2	1.124	1.133	45.2	1.596
249231.3	843751.7	60.9	37.496	23.008	31.5	43.992	12.3	35.008	0.724	1.540	64.8	1.702	41.0	1.067	1.184	48.0	1.594
249230.6	843751.0	60.9	37.174	22.816	31.5	43.618	12.4	34.710	0.722	1.530	64.8	1.692	40.9	0.993	1.199	50.4	1.557
249229.9	843750.3	61.0	36.824	22.608	31.5	43.210	12.6	34.386	0.718	1.520	64.7	1.681	40.6	0.912	1.215	53.1	1.519
249229.2	843749.6	61.0	36.212	22.242	31.6	42.498	12.8	33.818	0.690	1.507	65.4	1.657	38.0	0.800	1.144	55.0	1.396
249228.5	843748.9	61.0	35.722	21.949	31.6	41.926	13.0	33.364	0.675	1.495	65.7	1.640	36.6	0.694	1.125	58.3	1.322
249227.8	843748.2	61.0	35.278	21.684	31.6	41.409	13.2	32.952	0.667	1.482	65.8	1.625	35.7	0.589	1.131	62.5	1.275
249227.1	843747.4	61.1	34.878	21.445	31.6	40.944	13.4	32.582	0.663	1.470	65.7	1.612	35.2	0.484	1.161	67.4	1.258
249226.4	843746.7	61.1	34.487	21.212	31.6	40.489	13.6	32.220	0.661	1.457	65.6	1.600	34.9	0.376	1.202	72.6	1.259
249225.7	843746.0	61.2	34.382	21.149	31.6	40.366	13.6	32.122	0.684	1.447	64.7	1.601	37.3	0.298	1.356	77.6	1.388
249225.0	843745.3	61.4	34.380	21.147	31.6	40.363	13.6	32.120	0.717	1.439	63.5	1.608	40.7	0.231	1.553	81.5	1.570
249224.3	843744.6	61.4	34.101	20.980	31.6	40.038	13.7	31.861	0.726	1.427	63.0	1.601	41.6	0.134	1.650	85.4	1.656
249223.6	843743.8	61.5	33.597	20.679	31.6	39.451	13.9	31.394	0.714	1.412	63.2	1.582	40.4	0.009	1.667	89.7	1.667
249222.9	843743.1	61.5	33.109	20.386	31.6	38.882	14.1	30.941	0.704	1.397	63.3	1.564	39.4	-0.114	1.690	-86.2	1.694
249222.2	843742.4	61.5	32.704	20.143	31.6	38.410	14.3	30.565	0.701	1.383	63.1	1.551	39.1	-0.226	1.746	-82.6	1.761
249221.5	843741.7	61.6	32.477	20.007	31.6	38.146	14.4	30.355	0.714	1.372	62.5	1.546	40.5	-0.314	1.870	-80.5	1.897
249220.8	843741.0	61.7	32.247	19.869	31.6	37.877	14.5	30.141	0.725	1.360	61.9	1.542	42.0	-0.399	1.992	-78.7	2.032
249220.1	843740.3	61.8	32.151	19.811	31.6	37.765	14.5	30.052	0.748	1.351	61.0	1.544	44.7	-0.463	2.163	-77.9	2.212
249219.5	843739.5	61.8	31.666	19.520	31.7	37.199	14.8	29.602	0.736	1.336	61.1	1.526	43.6	-0.576	2.184	-75.2	2.259
249218.8	843738.8	61.7	30.905	19.063	31.7	36.311	15.1	28.895	0.702	1.317	61.9	1.492	39.7	-0.726	2.096	-70.9	2.218
249218.1	843738.1	61.7	30.283	18.701	31.7	35.592	15.4	28.323	0.680	1.302	62.4	1.469	36.8	-0.831	1.965	-67.1	2.134
249217.4	843737.4	61.7	29.876	18.456	31.7	35.117	15.5	27.945	0.674	1.289	62.4	1.454	36.2	-0.926	1.999	-65.2	2.203
249216.7	843736.7	61.7	29.233	18.070	31.7	34.367	15.8	27.349	0.650	1.272	62.9	1.429	33.1	-1.054	1.933	-61.4	2.201
249216.0	843735.9	61.6	28.407	17.572	31.7	33.403	16.2	26.581	0.616	1.253	63.8	1.396	27.8	-1.210	1.782	-55.8	2.154
249215.3	843735.2	61.5	27.758	17.181	31.8	32.646	16.5	25.979	0.595	1.238	64.3	1.373	24.1	-1.337	1.691	-51.7	2.156
249214.6	843734.5	61.5	27.271	16.887	31.8	32.076	16.7	25.525	0.583	1.226	64.6	1.357	22.0	-1.437	1.655	-49.0	2.191
249213.9	843733.8	61.6	26.930	16.681	31.8	31.677	16.8	25.208	0.578	1.216	64.6	1.347	21.3	-1.509	1.668	-47.9	2.249
249213.2	843733.1	61.6	26.626	16.498	31.8	31.323	17.0	24.926	0.574	1.208	64.6	1.338	20.9	-1.573	1.685	-47.0	2.305
249212.5	843732.4	61.6	26.204	16.242	31.8	30.830	17.1	24.533	0.564	1.200	64.8	1.326	18.8	-1.657	1.640	-44.7	2.332
249211.8	843731.6	61.6	25.717	15.948	31.8	30.260	17.3	24.081	0.552	1.191	65.2	1.313	15.9	-1.753	1.553	-41.5	2.342
249211.1	843730.9	61.6	25.239	15.659	31.8	29.702	17.6	23.636	0.541	1.184	65.5	1.302	12.7	-1.849	1.455	-38.2	2.353
249210.4	843730.2	61.6	24.925	15.468	31.8	29.335	17.7	23.344	0.535	1.181	65.6	1.296	11.2	-1.917	1.414	-36.4	2.382
249209.7	843729.5	61.7	24.702	15.333	31.8	29.073	17.8	23.136	0.532	1.179	65.7	1.294	10.5	-1.970	1.398	-35.4	2.416
249209.0	843728.8	61.8	24.495	15.207	31.8	28.832	17.9	22.943	0.529	1.179	65.8	1.292	9.6	-2.023	1.376	-34.2	2.446
249208.3	843728.0	61.9	24.457	15.183	31.8	28.787	17.9	22.908	0.529	1.182	65.9	1.295	10.2	-2.047	1.416	-34.7	2.489
249207.6	843727.3	62.1	24.507	15.213	31.8	28.845	17.9	22.954	0.531	1.186	65.9	1.300	11.3	-2.059	1.481	-35.7	2.537
249206.9	843726.6	62.3	24.555	15.241	31.8	28.901	17.8	22.998	0.533	1.192	65.9	1.306	12.1	-2.077	1.534	-36.4	2.582
249206.2	843725.9	62.5	24.601	15.268	31.8	28.954	17.8	23.041	0.535	1.199	65.9	1.313	12.6	-2.100	1.573	-36.8	2.624
249205.5	843725.2	62.7	24.682	15.316	31.8	29.048	17.8	23.115	0.538	1.206	66.0	1.321	13.2	-2.122	1.617	-37.3	2.668
249204.8	843724.5	62.8	24.682	15.315	31.8	29.047	17.8	23.115	0.539	1.213	66.1	1.328	12.7	-2.165	1.615	-36.7	2.701
249204.1	843723.7	63.1	25.059	15.542	31.8	29.487	17.6	23.465	0.552	1.225	65.7	1.344	15.9	-2.145	1.770	-39.5	2.781
249203.4	843723.0	63.4	25.362	15.724	31.8	29.841	17.5	23.747	0.564	1.236	65.5	1.359	18.2	-2.145	1.885	-41.3	2.855
249202.7	843722.3	63.6	25.494	15.803	31.8	29.995	17.4	23.869	0.570	1.246	65.4	1.370	18.6	-2.181	1.918	-41.3	2.904
249202.1	843721.6	63.8	25.553	15.838	31.8	30.064	17.4	23.924	0.572	1.254	65.5	1.378	18.1	-2.235	1.916	-40.6	2.944
249201.4	843720.9	64.0	25.750	15.956	31.8	30.293	17.3	24.106	0.580	1.264	65.3	1.391	18.9	-2.269	1.969	-41.0	3.005
249200.7	843720.1	64.4	26.176	16.212	31.8	30.790	17.1	24.502	0.600	1.276	64.8	1.410	22.0	-2.267	2.119	-43.1	3.103
249200.0	843719.4	64.7	26.608	16.472	31.8	31.294	16.9	24.903	0.623	1.288	64.2	1.430	25.2	-2.266	2.268	-45.0	3.206
249199.3	843718.7	65.0	27.050	16.738	31.7	31.810	16.7	25.314	0.647	1.299	63.5	1.452	28.4	-2.266	2.420	-46.9	3.315
249198.6	843718.0	65.3	27.474	16.993	31.7	32.305	16.5	25.707	0.672	1.310	62.8	1.473	31.5	-2.269	2.565	-48.5	3.425
249197.9	843717.3	65.5	27.682	17.117	31.7	32.547	16.4	25.900	0.684	1.318	62.6	1.485	32.5	-2.310	2.624	-48.6	3.496
249197.2	843716.6	65.8	27.883	17.237	31.7	32.780	16.3	26.086	0.696	1.324	62.3	1.496	33.5	-2.350	2.684	-48.8	3.567
249196.5	843715.8	66.0	28.082	17.356	31.7	33.012	16.2	26.270	0.708	1.330	62.0	1.507	34.6	-2.387	2.748	-49.0	3.640
249195.8	843715.1	66.2	28.280	17.474	31.7	33.243	16.1	26.454	0.721	1.335	61.6	1.517	35.9	-2.420	2.818	-49.3	3.714
249195.1	843714.4	66.5	28.534	17.626	31.7	33.539	16.0	26.690	0.738	1.340	61.1	1.530	37.9	-2.438	2.916	-50.1	3.801
249194.4	843713.7	66.7	28.768	17.766	31.7	33.811	15.9	26.906	0.755	1.344	60.7	1.542	39.9	-2.454	3.014	-50.9	3.887
249193.7	843713.0	67.0	29.010	17.911	31.7	34.094	15.8	27.131	0.775	1.347	60.1	1.554	42.2	-2.460	3.123	-51.8	3.976
249193.0	843712.3	67.2	29.307	18.089	31.7	34.440	15.7	27.407	0.800	1.350	59.4	1.570	45.3	-2.450	3.262	-53.1	4.079
249192.3	843711.5	67.4	29.377	18.130	31.7	34.521	15.6	27.471	0.809	1.349	59.1	1.573	46.4	-2.471	3.320	-53.3	4.139
249191.6	843710.8	67.6	29.451	18.173	31.7	34.607	15.6	27.539	0.819	1.347	58.7	1.576	47.8	-2.484	3.390	-53.8	4.202
249190.9	843710.1	67.9	29.853	18.414	31.7	35.075	15.4	27.912	0.858	1.351	57.6	1.600	52.5	-2.429	3.594	-55.9	4.338
249190.2	843709.4	68.2	30.085	18.552	31.7	35.346	15.3	28.127	0.885	1.350	56.8	1.614	55.9	-2.397	3.740	-57.3	4.442
249189.5	843708.7	68.3	30.064	18.539	31.7	35.321	15.3	28.107	0.892	1.345	56.5	1.613	57.1	-2.401	3.800	-57.7	4.494
249188.8	843707.9	68.5	29.974	18.484	31.7	35.215	15.4	28.023	0.894	1.337	56.2	1.608	57.9	-2.409	3.842	-57.9	4.535
249188.1	843707.2	68.5	29.375	18.123	31.7	34.516	15.6	27.467	0.855	1.318	57.0	1.571	54.1	-2.501	3.702	-56.0	4.468
249187.4	843706.5	68.6	29.018	17.906	31.7	34.098	15.8	27.134	0.838	1.303	57.2	1.549	52.7	-2.544	3.659	-55.2	4.456
249186.7	843705.8	68.7	28.863	17.812	31.7	33.917	15.8	26.990	0.839	1.292	57.0	1.541	53.5	-2.543	3.699	-55.5	4.489
249186.0	843705.1	68.8	28.635	17.674	31.7	33.651	15.9	26.778	0.835	1.280	56.9	1.528	53.7	-2.548	3.718	-55.6	4.507
249185.3	843704.4	68.9	28.416	17.541	31.7	33.394	16.0	26.574	0.832	1.267	56.7	1.516	54.1	-2.546	3.744	-55.8	4.528
249184.7	843703.6	69.0	28.110	17.356	31.7	33.037	16.2	26.290	0.823	1.253	56.7	1.499	53.8	-2.556	3.741	-55.7	4.531
249184.0	843702.9	69.0	27.565	17.027	31.7	32.400	16.4	25.783	0.795	1.233	57.2	1.467	51.2	-2.607	3.648	-54.5	4.484

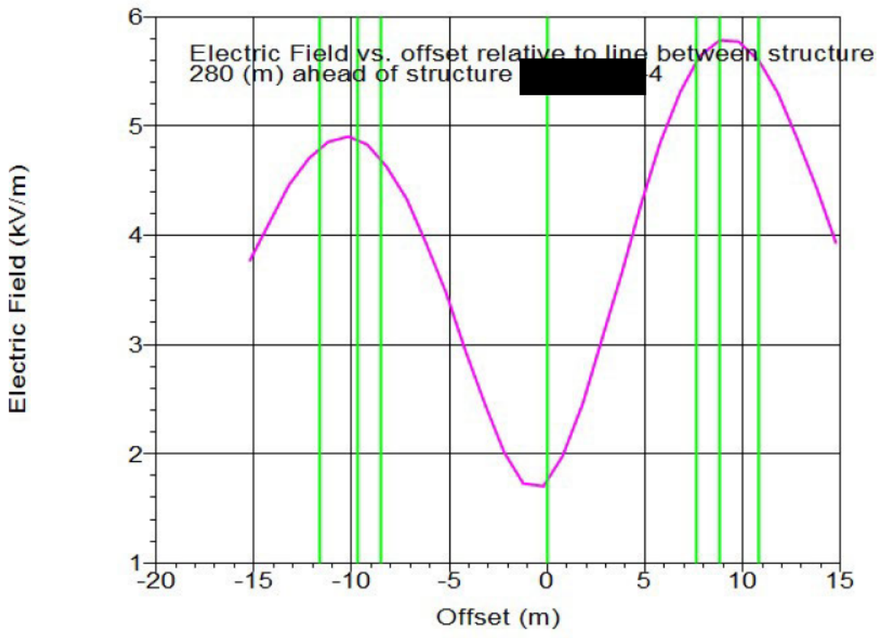
249183.3	843702.2	69.0	27.080	16.734	31.7	31.833	16.6	25.332	0.773	1.215	57.5	1.440	49.2	-2.643	3.580	-53.6	4.450
249182.6	843701.5	69.1	26.643	16.469	31.7	31.323	16.8	24.926	0.756	1.198	57.7	1.416	47.7	-2.667	3.529	-52.9	4.424
249181.9	843700.8	69.1	26.159	16.176	31.7	30.757	17.0	24.475	0.735	1.180	58.1	1.390	45.6	-2.698	3.459	-52.0	4.387
249181.2	843700.0	69.0	25.468	15.758	31.7	29.949	17.3	23.832	0.701	1.158	58.8	1.354	41.3	-2.771	3.302	-50.0	4.311
249180.5	843699.3	68.9	24.654	15.265	31.8	28.997	17.7	23.075	0.661	1.135	59.8	1.313	35.6	-2.872	3.087	-47.1	4.216
249179.8	843698.6	68.8	24.018	14.879	31.8	28.254	17.9	22.484	0.635	1.116	60.3	1.284	31.6	-2.935	2.939	-45.0	4.154
249179.1	843697.9	68.9	23.555	14.598	31.8	27.711	18.1	22.052	0.621	1.101	60.6	1.264	29.6	-2.960	2.858	-44.0	4.115
249178.4	843697.2	68.8	23.039	14.284	31.8	27.108	18.4	21.572	0.605	1.085	60.9	1.242	26.8	-2.998	2.747	-42.5	4.066
249177.7	843696.5	68.9	22.697	14.076	31.8	26.707	18.5	21.253	0.597	1.074	60.9	1.228	25.9	-2.994	2.707	-42.1	4.036
249177.0	843695.7	69.0	22.430	13.913	31.8	26.395	18.6	21.004	0.593	1.064	60.9	1.218	25.8	-2.971	2.694	-42.2	4.011
249176.3	843695.0	69.0	22.164	13.751	31.8	26.084	18.7	20.757	0.588	1.055	60.9	1.208	25.7	-2.948	2.674	-42.2	3.980
249175.6	843694.3	69.1	21.797	13.527	31.8	25.653	18.9	20.414	0.580	1.046	61.0	1.196	24.3	-2.948	2.601	-41.4	3.931
249174.9	843693.6	69.1	21.434	13.306	31.8	25.228	19.1	20.076	0.571	1.037	61.2	1.184	22.9	-2.947	2.521	-40.5	3.878
249174.2	843692.9	69.1	21.120	13.114	31.8	24.860	19.2	19.783	0.564	1.030	61.3	1.174	22.0	-2.934	2.456	-39.9	3.826
249173.5	843692.1	69.2	20.721	12.871	31.8	24.393	19.4	19.411	0.555	1.022	61.5	1.163	20.1	-2.941	2.341	-38.5	3.760
249172.8	843691.4	69.2	20.482	12.724	31.9	24.113	19.5	19.188	0.551	1.018	61.6	1.157	19.9	-2.907	2.294	-38.3	3.704
249172.1	843690.7	69.4	20.360	12.649	31.9	23.969	19.5	19.074	0.549	1.015	61.6	1.154	20.7	-2.841	2.296	-38.9	3.653
249171.4	843690.0	69.5	20.313	12.620	31.9	23.914	19.5	19.030	0.550	1.015	61.5	1.154	22.2	-2.754	2.327	-40.2	3.605
249170.7	843689.3	69.7	20.268	12.591	31.8	23.861	19.6	18.988	0.551	1.015	61.5	1.155	23.6	-2.665	2.352	-41.4	3.555
249170.0	843688.6	69.8	19.949	12.396	31.9	23.487	19.7	18.690	0.542	1.011	61.8	1.147	22.2	-2.645	2.239	-40.2	3.466
249169.3	843687.8	69.8	19.655	12.216	31.9	23.142	19.8	18.416	0.533	1.008	62.1	1.141	20.9	-2.618	2.131	-39.1	3.376
249168.6	843687.1	70.0	19.634	12.202	31.9	23.117	19.8	18.396	0.533	1.010	62.2	1.142	22.3	-2.518	2.151	-40.5	3.311
249167.9	843686.4	70.2	19.611	12.187	31.9	23.089	19.8	18.374	0.533	1.011	62.2	1.143	23.6	-2.416	2.166	-41.9	3.245
249167.3	843685.7	70.3	19.567	12.159	31.9	23.037	19.9	18.332	0.532	1.013	62.3	1.144	24.7	-2.319	2.166	-43.0	3.173
249166.6	843685.0	70.6	19.658	12.214	31.9	23.143	19.8	18.417	0.537	1.016	62.2	1.149	27.1	-2.186	2.229	-45.6	3.122
249165.9	843684.2	70.9	19.815	12.309	31.8	23.327	19.7	18.563	0.546	1.021	61.9	1.158	30.2	-2.036	2.322	-48.8	3.088
249165.2	843683.5	71.1	19.973	12.404	31.8	23.511	19.7	18.710	0.557	1.026	61.5	1.168	33.4	-1.887	2.412	-52.0	3.062
249164.5	843682.8	71.3	19.910	12.364	31.8	23.436	19.7	18.650	0.556	1.028	61.6	1.168	34.1	-1.792	2.392	-53.2	2.989
249163.8	843682.1	71.4	19.636	12.196	31.8	23.115	19.8	18.394	0.542	1.026	62.1	1.160	32.3	-1.746	2.268	-52.4	2.862
249163.1	843681.4	71.4	19.256	11.964	31.9	22.670	20.0	18.040	0.522	1.022	62.9	1.148	29.3	-1.726	2.087	-50.4	2.708
249162.4	843680.7	71.5	19.022	11.821	31.9	22.396	20.1	17.822	0.511	1.021	63.4	1.141	28.0	-1.669	1.976	-49.8	2.587
249161.7	843679.9	71.6	18.927	11.762	31.9	22.284	20.1	17.733	0.506	1.022	63.6	1.140	28.1	-1.578	1.936	-50.8	2.497
249161.0	843679.2	71.8	18.792	11.679	31.9	22.126	20.2	17.607	0.499	1.021	64.0	1.137	27.8	-1.497	1.875	-51.4	2.399
249160.3	843678.5	71.9	18.759	11.658	31.9	22.086	20.2	17.575	0.498	1.022	64.0	1.137	28.6	-1.391	1.868	-53.3	2.329
249159.6	843677.8	72.1	18.724	11.636	31.9	22.045	20.2	17.543	0.497	1.023	64.1	1.137	29.4	-1.286	1.862	-55.4	2.263
249158.9	843677.1	72.3	18.690	11.614	31.9	22.005	20.2	17.511	0.496	1.023	64.1	1.137	30.2	-1.182	1.859	-57.5	2.203
249158.2	843676.3	72.5	18.655	11.592	31.9	21.963	20.2	17.478	0.495	1.023	64.2	1.137	31.0	-1.080	1.857	-59.8	2.149
249157.5	843675.6	72.7	18.619	11.569	31.9	21.920	20.2	17.443	0.495	1.022	64.2	1.136	31.8	-0.979	1.859	-62.2	2.101
249156.8	843674.9	73.0	18.870	11.721	31.8	22.214	20.1	17.677	0.516	1.025	63.3	1.148	36.1	-0.818	2.016	-67.9	2.175
249156.1	843674.2	73.2	18.874	11.722	31.8	22.218	20.1	17.680	0.520	1.025	63.1	1.149	37.5	-0.714	2.046	-70.8	2.167
249155.4	843673.5	73.5	18.861	11.714	31.8	22.203	20.1	17.668	0.524	1.023	62.9	1.150	38.8	-0.617	2.071	-73.4	2.161
249154.7	843672.8	73.6	18.718	11.625	31.8	22.034	20.2	17.534	0.518	1.019	63.0	1.143	38.6	-0.549	2.032	-74.9	2.105
249154.0	843672.0	73.7	18.544	11.519	31.8	21.830	20.3	17.372	0.510	1.015	63.3	1.136	38.0	-0.491	1.982	-76.1	2.041
249153.3	843671.3	73.8	18.374	11.414	31.8	21.630	20.3	17.213	0.503	1.009	63.5	1.128	37.6	-0.434	1.936	-77.4	1.985
249152.6	843670.6	73.9	18.084	11.237	31.9	21.291	20.5	16.943	0.487	1.002	64.1	1.114	35.7	-0.405	1.831	-77.5	1.875
249151.9	843669.9	73.9	17.791	11.058	31.9	20.947	20.6	16.669	0.470	0.995	64.7	1.101	33.8	-0.380	1.726	-77.6	1.767
249151.2	843669.2	74.0	17.562	10.917	31.9	20.679	20.7	16.456	0.460	0.988	65.0	1.090	32.7	-0.345	1.659	-78.3	1.694
249150.5	843668.5	74.2	17.433	10.838	31.9	20.527	20.8	16.335	0.457	0.982	65.0	1.083	32.8	-0.292	1.652	-80.0	1.678
249149.9	843667.7	74.3	17.334	10.777	31.9	20.411	20.8	16.243	0.457	0.976	64.9	1.077	33.5	-0.236	1.668	-81.9	1.685
249149.2	843667.0	74.4	17.081	10.622	31.9	20.114	20.9	16.006	0.446	0.967	65.3	1.065	32.2	-0.216	1.600	-82.3	1.614
249148.5	843666.3	74.4	16.786	10.441	31.9	19.768	21.1	15.731	0.432	0.958	65.7	1.051	30.4	-0.208	1.511	-82.1	1.525
249147.8	843665.6	74.5	16.497	10.264	31.9	19.430	21.2	15.462	0.419	0.949	66.2	1.037	28.6	-0.203	1.428	-81.9	1.442
249147.1	843664.9	74.5	16.237	10.105	31.9	19.125	21.3	15.219	0.408	0.939	66.5	1.024	27.2	-0.196	1.364	-81.8	1.378
249146.4	843664.1	74.6	16.035	9.981	31.9	18.887	21.4	15.030	0.402	0.930	66.6	1.014	26.7	-0.180	1.338	-82.4	1.350
249145.7	843663.4	74.8	15.994	9.956	31.9	18.839	21.4	14.992	0.409	0.923	66.1	1.009	28.4	-0.131	1.414	-84.7	1.420
249145.0	843662.7	75.0	15.909	9.903	31.9	18.739	21.5	14.912	0.412	0.914	65.7	1.003	29.6	-0.096	1.466	-86.2	1.469
249144.3	843662.0	75.1	15.812	9.844	31.9	18.626	21.5	14.822	0.415	0.906	65.4	0.996	30.7	-0.067	1.514	-87.5	1.516
249143.6	843661.3	75.2	15.614	9.723	31.9	18.394	21.6	14.637	0.411	0.895	65.4	0.985	30.4	-0.062	1.505	-87.6	1.506
249142.9	843660.6	75.2	15.303	9.533	31.9	18.030	21.7	14.347	0.398	0.884	65.7	0.970	28.4	-0.086	1.429	-86.6	1.432
249142.2	843659.8	75.3	15.104	9.411	31.9	17.796	21.8	14.162	0.394	0.874	65.7	0.958	28.1	-0.088	1.423	-86.5	1.426
249141.5	843659.1	75.4	14.889	9.280	31.9	17.544	21.9	13.961	0.390	0.863	65.7	0.947	27.5	-0.097	1.410	-86.1	1.413
249140.8	843658.4	75.5	14.690	9.158	31.9	17.310	22.0	13.775	0.386	0.852	65.6	0.935	27.2	-0.105	1.407	-85.7	1.411
249140.1	843657.7	75.5	14.402	8.982	31.9	16.973	22.2	13.507	0.377	0.840	65.8	0.921	25.6	-0.137	1.350	-84.2	1.357
249139.4	843657.0	75.5	14.182	8.847	32.0	16.716	22.3	13.302	0.372	0.829	65.8	0.909	24.9	-0.156	1.336	-83.4	1.345
249138.7	843656.2	75.6	13.955	8.708	32.0	16.449	22.4	13.090	0.368	0.818	65.8	0.897	24.1	-0.179	1.317	-82.2	1.330
249138.0	843655.5	75.6	13.706	8.556	32.0	16.158	22.5	12.858	0.362	0.806	65.8	0.884	22.9	-0.211	1.286	-80.7	1.303
249137.3	843654.8	75.6	13.454	8.402	32.0	15.863	22.6	12.623	0.356	0.794	65.8	0.871	21.6	-0.246	1.250	-78.9	1.274
249136.6	843654.1	75.7	13.208	8.252	32.0	15.573	22.8	12.393	0.351	0.783	65.8	0.858	20.4	-0.283	1.218	-76.9	1.250
249135.9	843653.4	75.7	13.008	8.130	32.0	15.339	22.9	12.207	0.349	0.772	65.7	0.847	19.9	-0.310	1.215	-75.7	1.254
249135.2	843652.7	75.9	12.890	8.058	32.0	15.202	22.9	12.097	0.351	0.762	65.3	0.839	20.7	-0.316	1.266	-76.0	1.305
249134.5	843651.9	75.9	12.691	7.937	32.0	14.968	23.0	11.911	0.348	0.752	65.1	0.828	20.1	-0.347	1.260	-74.6	1.307
249133.8	843651.2	75.9	12.440	7.784	32.0	14.675	23.2	11.678	0.344	0.741	65.1	0.816	18.6	-0.393	1.219	-72.1	1.280
249133.1	843650.5	75.9	12.196	7.635	32.0	14.389	23.3	11.450	0.339	0.730	65.1	0.805	17.0	-0.440	1.178	-69.5	1.257
249132.5	843649.8	75.9	11.958	7.490	32.1	14.110	23.4	11.228	0.335	0.720	65.0	0.794	15.5	-0.487	1.138	-66.8	1.238
249131.8	843649.1	76.0	11.797	7.393	32.1	13.922	23.5	11.079	0.335	0.710	64.8	0.785	15.3	-0.513	1.149	-65.9	1.258
249131.1	843648.3	76.1	11.645	7.302	32.1	13.745	23.6	10.938	0.334	0.701	64.5	0.777	15.2	-0.536	1.163	-65.2	1.280
249130.4	843647.6	76.2	11.497	7.212	32.1	13.571	23.7	10.800	0.333	0.693	64.3	0.769	15.2	-0.560	1.176	-64.5	1.302
249129.7	843646.9	76.3	11.351	7.124	32.1	13.401	23.8	10.664	0.333	0.685	64.1	0.761	15.0	-0.583	1.187	-63.9	1.322
249129.0	843646.2	76.4	11.223	7.048	32.1	13.253	23.9	10.546	0.332	0.677	63.9	0.754	15.2	-0.600	1.208	-63.6	1.349
249128.3	843645.5	76.4	11.049	6.943	32.1	13.049	24.0	10.384	0.330	0.669	63.8	0.746	14.4	-0.633	1.191	-62.0	1.349
249127.6	843644.8	76.5	10.878	6.840	32.2	12.850	24.1	10.226	0.327	0.662	63.7	0.739	13.5	-0.667	1.172	-60.4	1.348
249126.9	843644.0	76.5	10.712	6.740	32.2	12.656	24.2	10.071	0.325	0.655	63.6	0.731	12.7	-0.699	1.152	-58.8	1.347
249126.2	843643.3	76.6	10.585	6.664	32.2	12.508	24.3	9.953	0.324	0.649	63.5	0.725	12.5	-0.718	1.156	-58.1	1.361
249125.5	843642.6	76.7	10.467	6.594	32.2	12.371	24.4	9.844	0.322	0.643	63.4	0.719	12.4	-0.735	1.162	-57.7	1.375
249124.8	843641.9	76.8	10.353	6.527	32.2	12.239	24.5	9.739	0.321	0.638	63.3	0.714	12.4	-0.751	1.167	-57.2	1.387
249124.1	843641.2	76.9	10.257	6.471	32.2	12.127	24.6	9.651	0.319	0.634	63.3	0.709	12.5	-0.761	1.179	-57.2	1.403
249123.4	843640.4	77.0	10.156	6.412	32.3	12.011	24.7	9.558	0.317	0.629	63.3	0.705	12.5	-0.773	1.184	-56.9	1.414

249122.7	843639.7	77.1	10.077	6.366	32.3	11.919	24.7	9.485	0.316	0.626	63.2	0.701	12.8	-0.778	1.199	-57.0	1.430
249122.0	843639.0	77.2	10.029	6.339	32.3	11.865	24.8	9.442	0.315	0.623	63.2	0.698	13.6	-0.773	1.233	-57.9	1.456
249121.3	843638.3	77.4	9.977	6.310	32.3	11.805	24.8	9.394	0.313	0.620	63.2	0.695	14.2	-0.771	1.259	-58.5	1.477
249120.6	843637.6	77.5	9.911	6.272	32.3	11.729	24.9	9.333	0.311	0.618	63.3	0.692	14.4	-0.775	1.269	-58.6	1.487
249119.9	843636.9	77.6	9.863	6.245	32.3	11.674	25.0	9.290	0.309	0.617	63.4	0.690	14.7	-0.775	1.287	-58.9	1.502
249119.2	843636.1	77.8	9.890	6.264	32.3	11.706	25.0	9.316	0.309	0.616	63.3	0.690	16.5	-0.749	1.356	-61.1	1.550
249118.5	843635.4	78.0	9.920	6.285	32.4	11.743	25.0	9.345	0.310	0.616	63.3	0.690	18.2	-0.725	1.423	-63.0	1.597
249117.8	843634.7	78.1	9.892	6.270	32.4	11.712	25.0	9.320	0.308	0.616	63.5	0.689	18.5	-0.724	1.440	-63.3	1.611
249117.1	843634.0	78.3	9.868	6.256	32.4	11.684	25.0	9.298	0.305	0.617	63.7	0.688	18.7	-0.725	1.453	-63.5	1.623
249116.4	843633.3	78.4	9.849	6.244	32.4	11.661	25.0	9.280	0.303	0.617	63.9	0.688	18.8	-0.727	1.463	-63.6	1.634
249115.7	843632.5	78.6	9.899	6.275	32.4	11.720	24.9	9.327	0.303	0.619	64.0	0.689	20.2	-0.708	1.521	-65.0	1.677
249115.1	843631.8	78.7	9.959	6.312	32.4	11.791	24.9	9.383	0.303	0.622	64.0	0.692	21.5	-0.690	1.580	-66.4	1.724
249114.4	843631.1	78.9	10.045	6.364	32.4	11.891	24.8	9.463	0.304	0.625	64.1	0.695	23.2	-0.667	1.652	-68.0	1.781

Max BF along centerline is 45.847 (uT) at 280.000 (m) from structure [redacted]-4

Cross section results at max BF along centerline between structures [redacted]-4 and [redacted]-5





3D EMF Point Results Span from [redacted]-4 to [redacted]-5:

Measurement			B					H	EF					Space Potential			
X (m)	Y (m)	Z (m)	Real (uT)	Imaginary (uT)	Angle (deg)	Magnitude (uT)	Polarization Axial Ratio %	Magnitude (A/m)	Real (kV/m)	Imaginary (kV/m)	Angle (deg)	Magnitude (kV/m)	Polarization Axial Ratio %	Real (kV)	Imaginary (kV)	Angle (deg)	Magnitude (kV)
249254.0	843753.4	59.4	28.721	13.651	25.4	31.801	30.4	25.306	3.601	1.079	16.7	3.759	6.2	5.834	-1.629	-15.6	6.057
249253.3	843754.1	59.4	30.975	14.340	24.8	34.134	28.6	27.163	3.991	1.046	14.7	4.126	5.5	6.430	-1.569	-13.7	6.618
249252.6	843754.8	59.4	33.096	15.000	24.4	36.337	26.7	28.916	4.341	0.995	12.9	4.454	4.9	6.864	-1.459	-12.0	7.018
249251.9	843755.5	59.3	34.569	15.504	24.2	37.887	24.8	30.149	4.609	0.926	11.4	4.701	4.0	6.691	-1.227	-10.4	6.803
249251.2	843756.2	59.2	35.757	15.984	24.1	39.167	23.0	31.168	4.784	0.840	10.0	4.857	3.3	6.321	-0.992	-8.9	6.398
249250.4	843756.9	59.0	36.592	16.436	24.2	40.113	21.3	31.921	4.846	0.738	8.7	4.901	2.8	5.741	-0.760	-7.5	5.792
249249.7	843757.5	58.9	37.283	16.924	24.4	40.945	19.8	32.583	4.788	0.622	7.4	4.828	2.5	5.191	-0.566	-6.2	5.221
249249.0	843758.2	58.8	37.902	17.476	24.8	41.737	18.3	33.213	4.610	0.492	6.1	4.637	2.4	4.750	-0.410	-4.9	4.768
249248.3	843758.9	58.8	38.285	18.042	25.2	42.323	16.9	33.680	4.317	0.348	4.6	4.331	2.6	4.277	-0.263	-3.5	4.285
249247.6	843759.6	58.8	38.917	18.784	25.8	43.213	15.6	34.388	3.933	0.210	3.1	3.939	3.4	4.135	-0.140	-1.9	4.137
249246.9	843760.3	58.9	39.551	19.635	26.4	44.156	14.3	35.138	3.475	0.181	3.0	3.480	5.2	4.041	0.011	0.2	4.041
249246.1	843761.0	58.8	39.039	20.146	27.3	43.931	13.6	34.959	2.940	0.315	6.1	2.957	6.8	3.267	0.164	2.9	3.271
249245.4	843761.7	58.8	39.132	20.967	28.2	44.395	12.8	35.328	2.386	0.554	13.1	2.449	11.6	2.917	0.354	6.9	2.938
249244.7	843762.4	58.9	39.341	21.930	29.1	45.041	12.1	35.842	1.826	0.838	24.6	2.009	21.2	2.586	0.614	13.4	2.658
249244.0	843763.1	59.0	39.390	22.902	30.2	45.564	11.7	36.258	1.278	1.158	42.2	1.724	35.3	2.134	0.920	23.3	2.324
249243.3	843763.8	59.0	39.144	23.777	31.3	45.800	11.6	36.446	0.777	1.513	62.8	1.701	38.6	1.587	1.206	37.2	1.993
249242.5	843764.5	59.0	38.829	24.639	32.4	45.987	11.8	36.595	0.528	1.903	74.5	1.975	26.9	1.049	1.493	54.9	1.825
249241.8	843765.2	59.0	38.606	25.576	33.5	46.309	12.1	36.852	0.805	2.326	70.9	2.461	16.8	0.522	1.846	74.2	1.919
249241.1	843765.9	59.0	38.244	26.417	34.6	46.481	12.8	36.988	1.274	2.767	65.3	3.046	10.4	0.025	2.163	89.3	2.164
249240.4	843766.6	59.0	37.811	27.184	35.7	46.569	13.6	37.058	1.768	3.211	61.2	3.666	6.8	-0.436	2.472	-80.0	2.510
249239.7	843767.3	59.0	37.561	28.078	36.8	46.896	14.6	37.318	2.248	3.640	58.3	4.278	5.0	-0.992	2.981	-71.6	3.142
249239.0	843768.0	59.2	37.551	29.180	37.9	47.556	15.6	37.844	2.690	4.030	56.3	4.845	4.2	-1.765	3.815	-65.2	4.203
249238.2	843768.7	59.3	37.285	30.042	38.9	47.882	16.9	38.103	3.062	4.342	54.8	5.313	3.7	-2.535	4.605	-61.2	5.256
249237.5	843769.4	59.4	36.480	30.330	39.7	47.442	18.5	37.753	3.343	4.535	53.6	5.634	3.4	-3.090	5.067	-58.6	5.935
249236.8	843770.1	59.4	35.320	30.167	40.5	46.449	20.2	36.963	3.527	4.590	52.5	5.789	3.4	-3.501	5.315	-56.6	6.365
249236.1	843770.8	59.4	33.905	29.624	41.1	45.024	22.1	35.829	3.611	4.501	51.3	5.771	3.7	-3.811	5.408	-54.8	6.616
249235.4	843771.5	59.5	32.505	28.989	41.7	43.554	24.1	34.659	3.607	4.289	49.9	5.604	4.3	-4.218	5.578	-52.9	6.993
249234.6	843772.2	59.7	30.901	28.000	42.2	41.700	26.2	33.184	3.518	3.965	48.4	5.300	5.0	-4.508	5.556	-50.9	7.155
249233.9	843772.9	59.8	29.156	26.718	42.5	39.547	28.3	31.470	3.362	3.562	46.7	4.898	6.0	-4.681	5.355	-48.8	7.112
249233.2	843773.6	59.8	27.091	24.908	42.6	36.801	30.4	29.285	3.152	3.105	44.6	4.425	6.8	-4.478	4.752	-46.7	6.529
249232.5	843774.3	59.7	24.918	22.834	42.5	33.798	32.4	26.895	2.913	2.636	42.1	3.928	7.5	-4.032	3.955	-44.4	5.648

Centerline results between structures [redacted]-5 and [redacted]-6

3D EMF Point Results Centerline from [redacted]-5 to [redacted]-6:

Measurement			B					H	EF					Space Potential			
X (m)	Y (m)	Z (m)	Real (uT)	Imaginary (uT)	Angle (deg)	Magnitude (uT)	Polarization Axial Ratio %	Magnitude (A/m)	Real (kV/m)	Imaginary (kV/m)	Angle (deg)	Magnitude (kV/m)	Polarization Axial Ratio %	Real (kV)	Imaginary (kV)	Angle (deg)	Magnitude (kV)
249114.8	843631.6	78.8	9.982	6.326	32.4	11.818	24.8	9.404	0.303	0.623	64.1	0.693	22.0	-0.684	1.600	-66.9	1.740

249114.1	843630.9	79.0	10.078	6.385	32.4	11.931	24.7	9.494	0.305	0.626	64.1	0.696	23.8	-0.659	1.678	-68.6	1.803
249113.4	843630.2	79.2	10.131	6.415	32.3	11.992	24.6	9.543	0.304	0.630	64.3	0.699	24.5	-0.653	1.716	-69.2	1.837
249112.7	843629.4	79.3	10.162	6.431	32.3	12.026	24.5	9.570	0.301	0.633	64.6	0.701	24.6	-0.659	1.732	-69.2	1.853
249112.0	843628.7	79.4	10.201	6.451	32.3	12.069	24.4	9.604	0.298	0.637	64.9	0.703	24.6	-0.665	1.747	-69.1	1.869
249111.3	843628.0	79.5	10.250	6.476	32.3	12.125	24.3	9.649	0.295	0.641	65.3	0.705	24.7	-0.672	1.764	-69.1	1.888
249110.6	843627.3	79.6	10.297	6.499	32.3	12.176	24.2	9.690	0.291	0.645	65.7	0.708	24.5	-0.684	1.774	-68.9	1.901
249109.9	843626.6	79.6	10.330	6.513	32.2	12.212	24.0	9.718	0.286	0.650	66.3	0.710	23.9	-0.702	1.768	-68.3	1.902
249109.3	843625.8	79.7	10.374	6.533	32.2	12.260	23.8	9.756	0.281	0.654	66.8	0.712	23.3	-0.720	1.765	-67.8	1.906
249108.6	843625.1	79.7	10.417	6.552	32.2	12.307	23.7	9.793	0.275	0.659	67.4	0.715	22.6	-0.741	1.757	-67.1	1.907
249107.9	843624.4	79.8	10.464	6.573	32.1	12.357	23.5	9.833	0.269	0.665	68.0	0.717	21.8	-0.764	1.747	-66.4	1.907
249107.2	843623.7	79.8	10.501	6.587	32.1	12.396	23.3	9.864	0.262	0.670	68.6	0.719	20.7	-0.790	1.727	-65.4	1.899
249106.5	843623.0	79.8	10.523	6.592	32.1	12.417	23.1	9.882	0.254	0.675	69.4	0.721	19.3	-0.822	1.692	-64.1	1.881
249105.8	843622.3	79.8	10.558	6.605	32.0	12.454	22.9	9.910	0.246	0.681	70.1	0.724	18.0	-0.852	1.663	-62.9	1.868
249105.1	843621.5	79.8	10.598	6.621	32.0	12.496	22.8	9.944	0.238	0.686	70.9	0.726	16.7	-0.881	1.635	-61.7	1.857
249104.4	843620.8	79.8	10.642	6.639	32.0	12.544	22.6	9.982	0.230	0.692	71.6	0.729	15.4	-0.910	1.608	-60.5	1.848
249103.7	843620.1	79.8	10.691	6.661	31.9	12.596	22.4	10.023	0.222	0.698	72.4	0.733	14.2	-0.939	1.582	-59.3	1.840
249103.0	843619.4	79.9	10.789	6.713	31.9	12.707	22.2	10.112	0.216	0.705	73.0	0.737	13.8	-0.956	1.593	-59.0	1.858
249102.3	843618.7	79.9	10.905	6.777	31.9	12.839	21.9	10.217	0.210	0.712	73.5	0.742	13.7	-0.971	1.615	-59.0	1.885
249101.6	843617.9	80.0	11.014	6.837	31.8	12.964	21.7	10.316	0.204	0.718	74.1	0.747	13.5	-0.988	1.631	-58.8	1.907
249100.9	843617.2	80.0	11.076	6.868	31.8	13.033	21.5	10.371	0.196	0.725	74.9	0.751	12.4	-1.014	1.609	-57.8	1.902
249100.2	843616.5	80.0	11.133	6.896	31.8	13.096	21.4	10.421	0.186	0.731	75.7	0.755	11.1	-1.040	1.582	-56.7	1.893
249099.5	843615.8	80.0	11.192	6.924	31.7	13.161	21.2	10.473	0.177	0.738	76.5	0.759	9.9	-1.064	1.555	-55.6	1.884
249098.8	843615.1	80.0	11.277	6.971	31.7	13.258	21.0	10.550	0.169	0.745	77.2	0.763	9.2	-1.083	1.548	-55.0	1.889
249098.1	843614.4	80.1	11.397	7.039	31.7	13.396	20.8	10.660	0.161	0.752	77.9	0.769	9.0	-1.096	1.566	-55.0	1.911
249097.4	843613.6	80.2	11.521	7.110	31.7	13.538	20.6	10.773	0.154	0.759	78.5	0.775	9.0	-1.107	1.586	-55.1	1.934
249096.7	843612.9	80.2	11.645	7.181	31.7	13.681	20.4	10.887	0.147	0.766	79.2	0.780	8.9	-1.118	1.606	-55.1	1.957
249096.0	843612.2	80.3	11.771	7.254	31.6	13.827	20.2	11.003	0.139	0.774	79.8	0.786	8.9	-1.128	1.626	-55.2	1.979
249095.3	843611.5	80.4	11.898	7.328	31.6	13.974	20.0	11.120	0.132	0.782	80.4	0.793	8.9	-1.137	1.646	-55.4	2.000
249094.6	843610.8	80.4	11.994	7.383	31.6	14.084	19.8	11.208	0.122	0.789	81.2	0.798	8.4	-1.148	1.641	-55.0	2.003
249093.9	843610.0	80.4	12.054	7.416	31.6	14.152	19.6	11.262	0.111	0.796	82.1	0.804	7.4	-1.161	1.609	-54.2	1.984
249093.2	843609.3	80.4	12.133	7.461	31.6	14.244	19.5	11.335	0.100	0.804	82.9	0.810	6.7	-1.170	1.591	-53.7	1.975
249092.5	843608.6	80.5	12.294	7.558	31.6	14.431	19.3	11.484	0.094	0.812	83.4	0.817	7.2	-1.172	1.634	-54.4	2.011
249091.9	843607.9	80.7	12.520	7.696	31.6	14.696	19.0	11.695	0.094	0.820	83.4	0.826	8.6	-1.169	1.727	-55.9	2.085
249091.2	843607.2	80.8	12.681	7.794	31.6	14.885	18.8	11.845	0.091	0.829	83.7	0.834	9.1	-1.171	1.770	-56.5	2.122
249090.5	843606.5	80.8	12.841	7.892	31.6	15.072	18.6	11.994	0.089	0.837	83.9	0.842	9.6	-1.173	1.811	-57.1	2.158
249089.8	843605.7	80.9	12.954	7.960	31.6	15.204	18.5	12.099	0.084	0.845	84.3	0.849	9.4	-1.177	1.816	-57.1	2.164
249089.1	843605.0	81.1	13.206	8.117	31.6	15.501	18.2	12.335	0.095	0.854	83.6	0.859	11.0	-1.177	1.925	-58.6	2.256
249088.4	843604.3	81.0	13.203	8.113	31.6	15.497	18.1	12.332	0.080	0.861	84.7	0.865	9.3	-1.181	1.844	-57.4	2.190
249087.7	843603.6	80.9	13.087	8.036	31.6	15.358	18.1	12.221	0.055	0.867	86.3	0.869	6.4	-1.182	1.675	-54.8	2.050
249087.0	843602.9	80.9	13.182	8.094	31.6	15.469	17.9	12.310	0.055	0.875	86.4	0.877	6.1	-1.181	1.666	-54.7	2.042
249086.3	843602.2	80.9	13.282	8.156	31.6	15.586	17.8	12.403	0.058	0.883	86.2	0.885	5.8	-1.179	1.660	-54.6	2.036
249085.6	843601.4	81.0	13.381	8.217	31.6	15.702	17.6	12.496	0.063	0.891	85.9	0.893	5.6	-1.176	1.654	-54.6	2.030
249084.9	843600.7	81.1	13.595	8.352	31.6	15.956	17.4	12.697	0.078	0.900	85.0	0.903	6.4	-1.179	1.737	-55.8	2.099
249084.2	843600.0	81.1	13.677	8.404	31.6	16.053	17.3	12.774	0.084	0.908	84.7	0.911	6.0	-1.176	1.718	-55.6	2.082
249083.5	843599.3	81.2	13.829	8.500	31.6	16.232	17.1	12.917	0.096	0.916	84.0	0.921	6.2	-1.177	1.753	-56.1	2.112
249082.8	843598.6	81.3	13.990	8.603	31.6	16.423	16.9	13.069	0.109	0.924	83.3	0.930	6.6	-1.180	1.795	-56.7	2.149
249082.1	843597.8	81.3	14.042	8.635	31.6	16.485	16.8	13.118	0.115	0.932	82.9	0.939	5.8	-1.176	1.754	-56.2	2.111
249081.4	843597.1	81.3	14.094	8.668	31.6	16.546	16.7	13.167	0.123	0.939	82.5	0.947	5.1	-1.170	1.713	-55.7	2.074
249080.7	843596.4	81.4	14.205	8.739	31.6	16.678	16.5	13.272	0.134	0.947	81.9	0.957	5.0	-1.169	1.717	-55.7	2.077
249080.0	843595.7	81.5	14.361	8.840	31.6	16.864	16.3	13.420	0.147	0.955	81.2	0.967	5.2	-1.174	1.756	-56.2	2.112
249079.3	843595.0	81.6	14.526	8.948	31.6	17.061	16.2	13.577	0.161	0.964	80.5	0.977	5.6	-1.181	1.802	-56.8	2.155
249078.6	843594.3	81.6	14.600	8.996	31.6	17.149	16.0	13.647	0.171	0.971	80.0	0.986	5.1	-1.178	1.778	-56.5	2.133
249077.9	843593.5	81.6	14.647	9.027	31.6	17.205	15.9	13.691	0.181	0.979	79.5	0.995	4.4	-1.170	1.733	-56.0	2.091
249077.2	843592.8	81.6	14.688	9.054	31.7	17.254	15.8	13.731	0.192	0.986	79.0	1.005	3.8	-1.161	1.683	-55.4	2.045
249076.5	843592.1	81.6	14.728	9.081	31.7	17.303	15.7	13.769	0.203	0.994	78.5	1.014	3.3	-1.150	1.632	-54.8	1.996
249075.8	843591.4	81.6	14.769	9.108	31.7	17.352	15.6	13.808	0.215	1.001	77.9	1.024	2.9	-1.139	1.580	-54.2	1.948
249075.1	843590.7	81.6	14.811	9.137	31.7	17.402	15.5	13.848	0.227	1.009	77.3	1.034	2.8	-1.126	1.529	-53.6	1.899
249074.5	843589.9	81.7	14.946	9.227	31.7	17.565	15.3	13.978	0.240	1.017	76.7	1.045	2.7	-1.130	1.552	-53.9	1.920
249073.8	843589.2	81.7	15.080	9.316	31.7	17.726	15.2	14.106	0.253	1.025	76.1	1.056	2.7	-1.135	1.573	-54.2	1.940
249073.1	843588.5	81.8	15.194	9.393	31.7	17.863	15.1	14.215	0.266	1.033	75.6	1.067	2.6	-1.135	1.578	-54.3	1.944
249072.4	843587.8	81.9	15.310	9.471	31.7	18.002	14.9	14.326	0.279	1.042	75.0	1.079	2.5	-1.136	1.584	-54.3	1.950
249071.7	843587.1	82.0	15.482	9.587	31.8	18.210	14.7	14.491	0.293	1.051	74.4	1.091	2.6	-1.150	1.635	-54.9	1.999
249071.0	843586.4	82.1	15.653	9.703	31.8	18.416	14.6	14.655	0.307	1.059	73.9	1.103	2.8	-1.165	1.683	-55.3	2.047
249070.3	843585.6	82.2	15.824	9.819	31.8	18.623	14.4	14.820	0.321	1.068	73.3	1.116	3.1	-1.181	1.731	-55.7	2.095
249069.6	843584.9	82.2	15.889	9.865	31.8	18.703	14.3	14.883	0.334	1.077	72.8	1.127	2.7	-1.171	1.694	-55.4	2.060
249068.9	843584.2	82.2	15.947	9.907	31.8	18.774	14.2	14.940	0.347	1.085	72.3	1.139	2.4	-1.159	1.651	-54.9	2.017
249068.2	843583.5	82.3	16.080	9.999	31.9	18.935	14.0	15.068	0.361	1.094	71.8	1.152	2.4	-1.166	1.666	-55.0	2.034
249067.5	843582.8	82.4	16.247	10.114	31.9	19.138	13.9	15.229	0.375	1.104	71.2	1.166	2.6	-1.182	1.708	-55.3	2.077
249066.8	843582.0	82.5	16.340	10.180	31.9	19.252	13.8	15.320	0.389	1.113	70.7	1.179	2.4	-1.179	1.691	-55.1	2.061
249066.1	843581.3	82.5	16.431	10.245	31.9	19.363	13.6	15.409	0.403	1.122	70.3	1.192	2.2	-1.175	1.670	-54.9	2.042
249065.4	843580.6	82.5	16.520	10.309	32.0	19.473	13.5	15.496	0.416	1.131	69.8	1.205	2.1	-1.171	1.648	-54.6	2.021
249064.7	843579.9	82.6	16.587	10.358	32.0	19.555	13.4	15.562	0.430	1.140	69.3	1.219	1.8	-1.159	1.606	-54.2	1.981
249064.0	843579.2	82.6	16.657	10.409	32.0	19.642	13.3	15.630	0.444	1.150	68.9	1.232	1.6	-1.147	1.566	-53.8	1.941
249063.3	843578.5	82.7	16.752	10.479	32.0	19.760	13.2	15.724	0.458	1.159	68.4	1.247	1.5	-1.144	1.546	-53.5	1.924
249062.6	843577.7	82.7	16.841	10.543	32.0	19.869	13.0	15.811	0.473	1.169	68.0	1.261	1.4	-1.138	1.520	-53.2	1.899
249061.9	843577.0	82.8	16.905	10.592	32.1	19.949	12.9	15.875	0.487	1.178	67.5	1.275	1.3	-1.124	1.472	-52.6	1.852
249061.2	843576.3	82.9	17.091	10.724	32.1	20.176	12.8	16.056	0.501	1.188	67.1	1.290	1.2	-1.152	1.524	-52.9	1.911
249060.5	843575.6	83.0	17.310	10.880	32.2	20.446	12.6	16.270	0.516	1.199	66.7	1.305	1.4	-1.194	1.603	-53.3	1.999
249059.8	843574.9	83.1	17.421	10.962	32.2	20.583	12.5	16.379	0.531	1.209	66.3	1.320	1.3	-1.197	1.592	-53.1	1.992
249059.1	843574.1	83.1	17.507	11.027	32.2	20.690	12.3	16.465	0.545	1.218	65.9	1.335	1.1	-1.192	1.560	-52.6	1.963
249058.4	843573.4	83.2	17.603	11.099	32.2	20.810	12.2	16.560	0.559	1.228	65.5	1.349	1.0	-1.190	1.536	-52.2	1.943
249057.7	843572.7	83.3	17.739	11.200	32.3	20.979	12.1	16.695	0.574	1.238	65.1	1.365	0.9	-1.203	1.543	-52.1	1.957
249057.1	843572.0	83.4	17.933	11.341	32.3	21.218	11.9	16.884	0.589	1.249	64.7	1.381	1.1	-1.239	1.597	-52.2	2.022
249056.4	843571.3	83.5	18.146	11.497	32.4	21.482	11.7	17.095	0.604	1.260	64.4	1.397	1.4	-1.285	1.667	-52.4	2.104
249055.7	843570.6	83.7	18.361	11.655	32.4	21.748	11.6	17.306	0.620	1.271	64.0	1.414	1.7	-1.331	1.735	-52.5	2.187
249055.0	843569.8	83.8	18.576	11.814	32.5	22.015	11.4	17.519	0.636	1.282	63.6	1.431	2.0	-1.378	1.804	-52.6	2.270
249054.3	843569.1	83.9	18.749	11.944	32.5	22.230	11.2	17.690	0.652	1.293	63.3	1.448	2.1	-1.409	1.835	-52.5	2.314

249053.6	843568.4	83.9	18.765	11.962	32.5	22.253	11.1	17.708	0.665	1.303	62.9	1.463	1.6	-1.373	1.738	-51.7	2.214
249052.9	843567.7	84.0	18.803	11.997	32.5	22.304	11.1	17.749	0.680	1.313	62.6	1.478	1.2	-1.344	1.656	-50.9	2.133
249052.2	843567.0	84.1	18.969	12.122	32.6	22.511	10.9	17.914	0.696	1.324	62.3	1.496	1.2	-1.368	1.677	-50.8	2.164
249051.5	843566.2	84.2	19.099	12.224	32.6	22.676	10.8	18.045	0.712	1.336	62.0	1.513	1.2	-1.376	1.666	-50.4	2.161
249050.8	843565.5	84.2	19.224	12.322	32.7	22.834	10.6	18.171	0.728	1.347	61.6	1.531	1.1	-1.381	1.650	-50.1	2.152
249050.1	843564.8	84.3	19.341	12.414	32.7	22.982	10.5	18.289	0.744	1.359	61.3	1.549	1.0	-1.380	1.623	-49.6	2.131
249049.4	843564.1	84.4	19.406	12.469	32.7	23.067	10.4	18.356	0.760	1.371	61.0	1.568	0.7	-1.353	1.551	-48.9	2.058
249048.7	843563.4	84.4	19.478	12.530	32.8	23.160	10.3	18.430	0.776	1.383	60.7	1.586	0.5	-1.326	1.482	-48.2	1.989
249048.0	843562.7	84.6	19.715	12.712	32.8	23.458	10.1	18.668	0.794	1.397	60.4	1.607	0.8	-1.377	1.548	-48.4	2.072
249047.3	843561.9	84.7	19.918	12.869	32.9	23.713	10.0	18.871	0.811	1.411	60.1	1.628	0.9	-1.410	1.583	-48.3	2.120
249046.6	843561.2	84.8	20.117	13.025	32.9	23.965	9.8	19.071	0.829	1.425	59.8	1.649	1.1	-1.440	1.612	-48.2	2.162
249045.9	843560.5	85.0	20.328	13.190	33.0	24.232	9.6	19.283	0.847	1.439	59.5	1.670	1.3	-1.475	1.648	-48.2	2.212
249045.2	843559.8	85.1	20.509	13.334	33.0	24.463	9.5	19.467	0.866	1.454	59.2	1.692	1.3	-1.495	1.658	-48.0	2.232
249044.5	843559.1	85.2	20.646	13.446	33.1	24.638	9.3	19.606	0.884	1.468	59.0	1.713	1.3	-1.490	1.628	-47.5	2.206
249043.8	843558.4	85.3	20.831	13.595	33.1	24.875	9.2	19.795	0.902	1.483	58.7	1.736	1.3	-1.508	1.636	-47.3	2.225
249043.1	843557.6	85.5	21.072	13.786	33.2	25.181	9.0	20.038	0.922	1.498	58.4	1.759	1.5	-1.554	1.688	-47.4	2.294
249042.4	843556.9	85.6	21.281	13.954	33.3	25.448	8.8	20.251	0.941	1.513	58.1	1.782	1.6	-1.583	1.712	-47.2	2.331
249041.7	843556.2	85.7	21.492	14.126	33.3	25.719	8.6	20.467	0.960	1.529	57.9	1.805	1.7	-1.612	1.736	-47.1	2.369
249041.0	843555.5	85.9	21.709	14.302	33.4	25.996	8.5	20.687	0.979	1.544	57.6	1.829	1.8	-1.643	1.761	-47.0	2.408
249040.3	843554.8	86.0	21.860	14.430	33.4	26.193	8.3	20.844	0.998	1.559	57.4	1.852	1.8	-1.637	1.731	-46.6	2.383
249039.7	843554.0	86.1	22.012	14.557	33.5	26.390	8.2	21.000	1.017	1.575	57.1	1.875	1.7	-1.630	1.698	-46.2	2.354
249039.0	843553.3	86.2	22.199	14.714	33.5	26.633	8.0	21.194	1.037	1.590	56.9	1.899	1.8	-1.642	1.693	-45.9	2.358
249038.3	843552.6	86.4	22.420	14.897	33.6	26.917	7.8	21.420	1.057	1.607	56.7	1.923	1.9	-1.670	1.714	-45.8	2.393
249037.6	843551.9	86.5	22.650	15.088	33.7	27.215	7.7	21.657	1.077	1.623	56.4	1.948	1.9	-1.703	1.742	-45.6	2.436
249036.9	843551.2	86.6	22.850	15.258	33.7	27.476	7.5	21.865	1.098	1.640	56.2	1.973	2.0	-1.718	1.742	-45.4	2.447
249036.2	843550.5	86.8	23.053	15.430	33.8	27.740	7.3	22.075	1.118	1.656	56.0	1.998	2.0	-1.734	1.742	-45.1	2.458
249035.5	843549.7	86.9	23.290	15.630	33.9	28.049	7.2	22.320	1.139	1.674	55.8	2.024	2.1	-1.769	1.769	-45.0	2.502
249034.8	843549.0	87.1	23.550	15.850	33.9	28.388	7.0	22.590	1.160	1.691	55.6	2.051	2.2	-1.816	1.815	-45.0	2.567
249034.1	843548.3	87.2	23.810	16.071	34.0	28.726	6.8	22.860	1.182	1.709	55.3	2.078	2.3	-1.863	1.858	-44.9	2.631
249033.4	843547.6	87.4	24.071	16.294	34.1	29.067	6.6	23.131	1.203	1.727	55.1	2.105	2.4	-1.910	1.900	-44.8	2.694
249032.7	843546.9	87.6	24.391	16.566	34.2	29.485	6.3	23.463	1.226	1.746	54.9	2.134	2.5	-1.993	1.992	-45.0	2.818
249032.0	843546.1	87.8	24.722	16.849	34.3	29.917	6.1	23.807	1.249	1.766	54.7	2.163	2.7	-2.083	2.092	-45.1	2.952
249031.3	843545.4	88.0	25.064	17.143	34.4	30.366	5.9	24.165	1.272	1.785	54.5	2.192	2.8	-2.181	2.203	-45.3	3.100
249030.6	843544.7	88.2	25.412	17.444	34.5	30.823	5.6	24.528	1.296	1.804	54.3	2.221	2.9	-2.284	2.318	-45.4	3.254
249029.9	843544.0	88.4	25.787	17.769	34.6	31.316	5.4	24.920	1.320	1.824	54.1	2.251	3.1	-2.404	2.457	-45.6	3.437
249029.2	843543.3	88.6	26.165	18.099	34.7	31.814	5.1	25.317	1.344	1.843	53.9	2.281	3.2	-2.529	2.600	-45.8	3.627
249028.5	843542.6	88.8	26.487	18.385	34.8	32.243	4.9	25.658	1.366	1.862	53.7	2.309	3.3	-2.623	2.700	-45.8	3.764
249027.8	843541.8	89.0	26.742	18.617	34.8	32.584	4.7	25.930	1.387	1.879	53.6	2.335	3.3	-2.678	2.748	-45.7	3.837
249027.1	843541.1	89.1	26.911	18.778	34.9	32.815	4.6	26.113	1.406	1.894	53.4	2.359	3.2	-2.684	2.729	-45.5	3.827
249026.4	843540.4	89.2	27.029	18.897	35.0	32.980	4.4	26.244	1.423	1.908	53.3	2.380	3.1	-2.660	2.672	-45.1	3.770
249025.7	843539.7	89.4	27.393	19.224	35.1	33.465	4.2	26.631	1.446	1.924	53.1	2.407	3.1	-2.792	2.825	-45.3	3.972
249025.0	843539.0	89.5	27.652	19.464	35.1	33.815	4.0	26.909	1.465	1.939	52.9	2.430	3.1	-2.862	2.897	-45.3	4.072
249024.3	843538.2	89.6	27.798	19.610	35.2	34.019	3.9	27.071	1.482	1.951	52.8	2.450	3.0	-2.867	2.882	-45.1	4.065
249023.6	843537.5	89.7	27.951	19.762	35.3	34.231	3.7	27.241	1.498	1.963	52.6	2.470	2.9	-2.879	2.879	-45.0	4.071
249022.9	843536.8	89.8	28.106	19.916	35.3	34.447	3.6	27.412	1.514	1.974	52.5	2.488	2.8	-2.896	2.885	-44.9	4.088
249022.3	843536.1	89.9	28.260	20.071	35.4	34.662	3.5	27.583	1.530	1.985	52.4	2.506	2.7	-2.917	2.897	-44.8	4.111
249021.6	843535.4	90.1	28.413	20.224	35.4	34.876	3.3	27.754	1.545	1.995	52.2	2.523	2.7	-2.942	2.917	-44.8	4.143
249020.9	843534.7	90.2	28.563	20.376	35.5	35.086	3.2	27.920	1.560	2.004	52.1	2.539	2.6	-2.969	2.941	-44.7	4.179
249020.2	843533.9	90.3	28.681	20.500	35.6	35.254	3.1	28.054	1.573	2.011	52.0	2.554	2.5	-2.980	2.948	-44.7	4.192
249019.5	843533.2	90.4	28.857	20.677	35.6	35.500	3.0	28.250	1.587	2.019	51.8	2.568	2.4	-3.035	3.012	-44.8	4.276
249018.8	843532.5	90.4	28.905	20.741	35.7	35.576	2.9	28.311	1.598	2.025	51.7	2.580	2.3	-3.009	2.976	-44.7	4.232
249018.1	843531.8	90.5	29.012	20.857	35.7	35.731	2.8	28.434	1.610	2.031	51.6	2.591	2.2	-3.028	2.998	-44.7	4.261
249017.4	843531.1	90.6	29.052	20.915	35.8	35.797	2.7	28.486	1.620	2.035	51.5	2.600	2.1	-3.007	2.973	-44.7	4.228
249016.7	843530.3	90.7	29.090	20.971	35.8	35.860	2.6	28.537	1.629	2.038	51.4	2.609	1.9	-2.988	2.953	-44.7	4.201
249016.0	843529.6	90.7	29.126	21.025	35.8	35.922	2.6	28.586	1.638	2.041	51.2	2.617	1.8	-2.973	2.940	-44.7	4.181
249015.3	843528.9	90.8	29.161	21.078	35.9	35.981	2.5	28.633	1.646	2.043	51.1	2.624	1.7	-2.961	2.934	-44.7	4.168
249014.6	843528.2	90.9	29.222	21.155	35.9	36.076	2.4	28.709	1.655	2.045	51.0	2.631	1.6	-2.971	2.957	-44.9	4.192
249013.9	843527.5	90.9	29.192	21.151	35.9	36.049	2.4	28.687	1.661	2.045	50.9	2.635	1.5	-2.921	2.909	-44.9	4.122
249013.2	843526.8	90.9	29.195	21.176	36.0	36.066	2.3	28.700	1.668	2.046	50.8	2.640	1.4	-2.897	2.894	-45.0	4.095
249012.5	843526.0	91.0	29.244	21.242	36.0	36.145	2.3	28.763	1.676	2.047	50.7	2.646	1.3	-2.909	2.926	-45.2	4.126
249011.8	843525.3	91.1	29.292	21.307	36.0	36.222	2.2	28.824	1.683	2.049	50.6	2.651	1.2	-2.923	2.960	-45.4	4.160
249011.1	843524.6	91.1	29.293	21.330	36.1	36.236	2.2	28.836	1.689	2.049	50.5	2.656	1.1	-2.906	2.958	-45.5	4.146
249010.4	843523.9	91.2	29.272	21.334	36.1	36.221	2.1	28.824	1.696	2.048	50.4	2.659	1.0	-2.906	2.912	-45.1	4.114
249009.7	843523.2	91.2	29.260	21.346	36.1	36.219	2.1	28.822	1.702	2.048	50.3	2.663	0.9	-2.883	2.905	-45.2	4.092
249009.0	843522.4	91.3	29.260	21.367	36.1	36.231	2.0	28.832	1.708	2.049	50.2	2.667	0.8	-2.869	2.909	-45.4	4.085
249008.3	843521.7	91.3	29.205	21.340	36.2	36.171	2.0	28.784	1.713	2.049	50.1	2.670	0.7	-2.816	2.867	-45.5	4.018
249007.6	843521.0	91.3	29.070	21.240	36.2	36.002	2.0	28.650	1.717	2.048	50.0	2.672	0.7	-2.703	2.755	-45.5	3.860
249006.9	843520.3	91.3	28.941	21.145	36.2	35.843	2.1	28.523	1.721	2.047	50.0	2.674	0.6	-2.595	2.648	-45.6	3.707
249006.2	843519.6	91.3	28.812	21.050	36.2	35.682	2.1	28.395	1.725	2.047	49.9	2.677	0.5	-2.484	2.539	-45.6	3.552
249005.5	843518.9	91.3	28.682	20.954	36.2	35.520	2.1	28.266	1.729	2.047	49.8	2.680	0.5	-2.372	2.427	-45.7	3.393
249004.9	843518.1	91.3	28.586	20.888	36.2	35.404	2.2	28.174	1.734	2.049	49.8	2.684	0.5	-2.283	2.343	-45.7	3.271
249004.2	843517.4	91.4	28.581	20.905	36.2	35.411	2.1	28.179	1.741	2.052	49.7	2.690	0.5	-2.263	2.339	-45.9	3.255
249003.5	843516.7	91.4	28.416	20.776	36.2	35.201	2.2	28.012	1.745	2.053	49.6	2.694	0.5	-2.118	2.188	-45.9	3.045
249002.8	843516.0	91.3	28.115	20.525	36.1	34.810	2.3	27.701	1.748	2.053	49.6	2.696	0.4	-1.864	1.907	-45.7	2.667
249002.1	843515.3	91.2	27.816	20.276	36.1	34.422	2.4	27.392	1.752	2.053	49.5	2.699	0.4	-1.607	1.622	-45.3	2.283
249001.4	843514.6	91.2	27.666	20.161	36.1	34.233	2.5	27.241	1.757	2.056	49.5	2.705	0.4	-1.465	1.472	-45.1	2.076
249000.7	843513.8	91.2	27.587	20.108	36.1	34.138	2.5	27.166	1.763	2.060	49.4	2.712	0.5	-1.378	1.385	-45.1	1.954
249000.0	843513.1	91.2	27.510	20.058	36.1	34.046	2.5	27.093	1.769	2.064	49.4	2.719	0.5	-1.293	1.298	-45.1	1.832
248999.3	843512.4	91.3	27.432	20.006	36.1	33.952	2.5	27.018	1.775	2.068	49.4	2.725	0.5	-1.207	1.208	-45.0	1.708
248998.6	843511.7	91.3	27.368	19.967	36.1	33.877	2.5	26.959	1.781	2.072	49.3	2.732	0.6	-1.132	1.131	-45.0	1.601
248997.9	843511.0	91.4	27.378	19.996	36.1	33.903	2.4	26.979	1.787	2.076	49.3	2.739	0.6	-1.121	1.126	-45.1	1.589
248997.2	843510.2	91.5	27.468	20.095	36.2	34.034	2.3	27.083	1.793	2.081	49.3	2.747	0.7	-1.179	1.198	-45.5	1.681
248996.5	843509.5	91.6	27.557	20.194	36.2	34.164	2.3	27.187	1.799	2.086	49.2	2.755	0.8	-1.237	1.269	-45.7	1.772
248995.8	843508.8	91.7	27.624	20.274	36.3	34.265	2.2	27.268	1.804	2.091	49.2	2.762	0.8	-1.280	1.321	-45.9	1.840
248995.1	843508.1	91.7	27.600	20.271	36.3	34.245	2.2	27.251	1.809	2.095	49.2	2.768	0.9	-1.250	1.285	-45.8	1.793
248994.4	843507.4	91.9	27.871	20.536	36.4	34.620	2.0	27.550	1.815	2.101	49.2	2.776	1.0	-1.469	1.537	-46.3	2.126
248993.7	843506.7	92.0	27.834	20.521	36.4	34.580	2.0	27.518	1.819	2.105	49.2	2.782	1.0	-1.434	1.492	-46.1	2.069

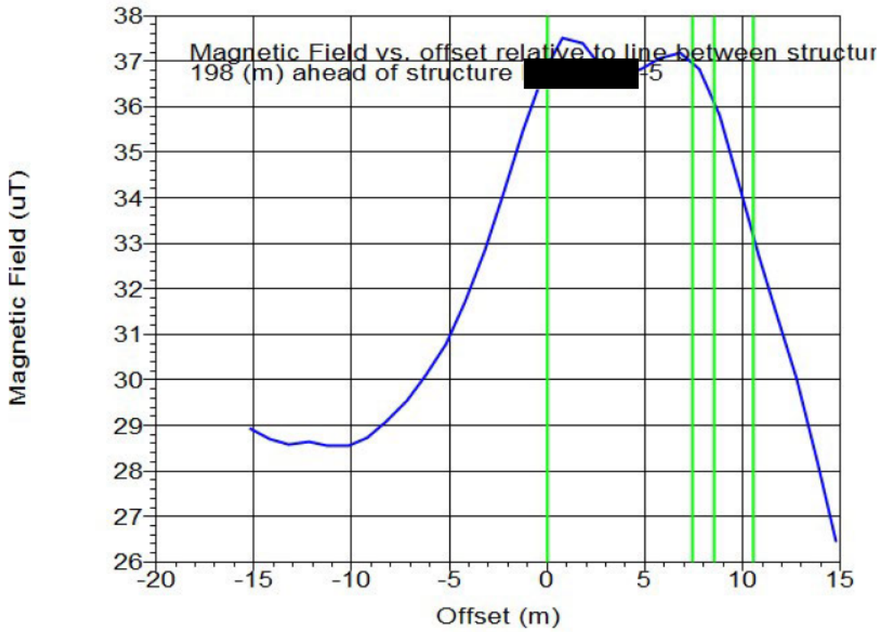
248993.0	843505.9	92.0	27.793	20.502	36.4	34.537	2.0	27.483	1.822	2.108	49.2	2.786	1.1	-1.398	1.445	-45.9	2.011
248992.3	843505.2	92.1	27.831	20.555	36.4	34.599	1.9	27.533	1.826	2.112	49.1	2.792	1.1	-1.433	1.478	-45.9	2.059
248991.6	843504.5	92.2	27.947	20.680	36.5	34.766	1.8	27.666	1.830	2.116	49.1	2.797	1.2	-1.538	1.591	-46.0	2.213
248990.9	843503.8	92.3	28.061	20.804	36.6	34.932	1.7	27.798	1.834	2.119	49.1	2.802	1.2	-1.646	1.707	-46.0	2.371
248990.2	843503.1	92.5	28.150	20.904	36.6	35.063	1.6	27.902	1.837	2.122	49.1	2.807	1.3	-1.736	1.801	-46.1	2.501
248989.5	843502.3	92.5	28.164	20.936	36.6	35.093	1.6	27.926	1.839	2.124	49.1	2.809	1.3	-1.768	1.828	-46.0	2.543
248988.8	843501.6	92.6	28.189	20.977	36.7	35.138	1.5	27.962	1.840	2.125	49.1	2.811	1.3	-1.815	1.872	-45.9	2.607
248988.1	843500.9	92.7	28.217	21.022	36.7	35.187	1.5	28.001	1.841	2.126	49.1	2.812	1.3	-1.869	1.925	-45.8	2.682
248987.5	843500.2	92.8	28.243	21.065	36.7	35.234	1.4	28.038	1.842	2.126	49.1	2.813	1.4	-1.926	1.982	-45.8	2.764
248986.8	843499.5	92.9	28.268	21.107	36.7	35.279	1.4	28.074	1.842	2.126	49.1	2.813	1.4	-1.988	2.045	-45.8	2.852
248986.1	843498.8	93.0	28.292	21.148	36.8	35.323	1.4	28.109	1.842	2.124	49.1	2.812	1.4	-2.053	2.113	-45.8	2.946
248985.4	843498.0	93.1	28.390	21.257	36.8	35.467	1.3	28.223	1.842	2.124	49.1	2.811	1.4	-2.184	2.259	-46.0	3.142
248984.7	843497.3	93.2	28.549	21.423	36.9	35.693	1.2	28.403	1.843	2.123	49.0	2.812	1.4	-2.369	2.468	-46.2	3.421
248984.0	843496.6	93.4	28.706	21.589	36.9	35.919	1.0	28.583	1.844	2.123	49.0	2.812	1.4	-2.557	2.681	-46.4	3.705
248983.3	843495.9	93.4	28.675	21.578	37.0	35.886	1.0	28.557	1.842	2.119	49.0	2.808	1.3	-2.592	2.718	-46.4	3.756
248982.6	843495.2	93.6	28.874	21.783	37.0	36.169	0.9	28.783	1.844	2.119	49.0	2.809	1.3	-2.819	2.979	-46.6	4.101
248981.9	843494.4	93.8	29.101	22.016	37.1	36.491	0.7	29.038	1.846	2.120	49.0	2.812	1.4	-3.069	3.267	-46.8	4.482
248981.2	843493.7	93.9	29.252	22.177	37.2	36.708	0.6	29.212	1.848	2.121	48.9	2.813	1.4	-3.259	3.485	-46.9	4.772
248980.5	843493.0	94.0	29.242	22.186	37.2	36.705	0.6	29.209	1.846	2.118	48.9	2.809	1.4	-3.320	3.557	-47.0	4.866
248979.8	843492.3	94.1	29.232	22.195	37.2	36.704	0.6	29.208	1.845	2.115	48.9	2.806	1.4	-3.384	3.633	-47.0	4.965
248979.1	843491.6	94.2	29.307	22.284	37.2	36.817	0.5	29.298	1.845	2.114	48.9	2.806	1.4	-3.516	3.787	-47.1	5.168
248978.4	843490.9	94.3	29.283	22.280	37.3	36.796	0.5	29.281	1.843	2.111	48.9	2.803	1.4	-3.571	3.853	-47.2	5.253
248977.7	843490.1	94.4	29.389	22.399	37.3	36.951	0.4	29.405	1.845	2.112	48.9	2.804	1.4	-3.728	4.036	-47.3	5.494
248977.0	843489.4	94.5	29.392	22.420	37.3	36.967	0.4	29.417	1.844	2.110	48.8	2.802	1.5	-3.804	4.127	-47.3	5.613
248976.3	843488.7	94.5	29.338	22.387	37.3	36.904	0.4	29.367	1.842	2.107	48.8	2.798	1.5	-3.836	4.167	-47.4	5.664
248975.6	843488.0	94.5	29.152	22.228	37.3	36.659	0.5	29.173	1.837	2.101	48.8	2.791	1.5	-3.764	4.087	-47.4	5.556
248974.9	843487.3	94.5	28.936	22.041	37.3	36.375	0.5	28.946	1.832	2.094	48.8	2.782	1.4	-3.667	3.979	-47.3	5.411
248974.2	843486.5	94.5	28.720	21.853	37.3	36.089	0.6	28.718	1.826	2.088	48.8	2.774	1.4	-3.568	3.869	-47.3	5.263
248973.5	843485.8	94.6	28.782	21.930	37.3	36.184	0.6	28.794	1.827	2.088	48.8	2.775	1.5	-3.691	4.011	-47.4	5.451
248972.8	843485.1	94.7	28.745	21.913	37.3	36.145	0.6	28.763	1.826	2.086	48.8	2.773	1.5	-3.735	4.062	-47.4	5.518
248972.1	843484.4	94.5	28.240	21.450	37.2	35.463	0.8	28.220	1.814	2.074	48.8	2.755	1.5	-3.399	3.679	-47.3	5.009
248971.4	843483.7	94.5	28.071	21.308	37.2	35.242	0.9	28.045	1.810	2.069	48.8	2.749	1.5	-3.334	3.602	-47.2	4.908
248970.7	843483.0	94.6	27.923	21.184	37.2	35.050	0.9	27.892	1.807	2.065	48.8	2.744	1.5	-3.283	3.541	-47.2	4.829
248970.0	843482.2	94.5	27.705	20.994	37.2	34.760	1.0	27.661	1.802	2.060	48.8	2.737	1.5	-3.172	3.410	-47.1	4.657
248969.4	843481.5	94.5	27.521	20.836	37.1	34.519	1.1	27.469	1.798	2.056	48.8	2.731	1.5	-3.088	3.307	-47.0	4.525
248968.7	843480.8	94.6	27.377	20.717	37.1	34.332	1.2	27.320	1.795	2.054	48.8	2.727	1.6	-3.036	3.238	-46.8	4.439
248968.0	843480.1	94.6	27.286	20.646	37.1	34.217	1.2	27.229	1.793	2.052	48.9	2.725	1.6	-3.026	3.216	-46.7	4.416
248967.3	843479.4	94.5	26.894	20.293	37.0	33.691	1.4	26.811	1.785	2.045	48.9	2.715	1.6	-2.759	2.897	-46.4	4.001
248966.6	843478.6	94.4	26.484	19.923	37.0	33.141	1.6	26.373	1.778	2.038	48.9	2.705	1.6	-2.469	2.550	-45.9	3.550
248965.9	843477.9	94.3	26.217	19.688	36.9	32.787	1.7	26.091	1.773	2.035	48.9	2.699	1.7	-2.299	2.337	-45.5	3.278
248965.2	843477.2	94.3	25.994	19.494	36.9	32.492	1.8	25.857	1.770	2.033	49.0	2.695	1.7	-2.164	2.161	-45.0	3.059
248964.5	843476.5	94.4	25.944	19.461	36.9	32.432	1.8	25.808	1.769	2.034	49.0	2.696	1.8	-2.181	2.158	-44.7	3.068
248963.8	843475.8	94.5	26.059	19.583	36.9	32.597	1.7	25.940	1.771	2.039	49.0	2.701	1.8	-2.344	2.320	-44.7	3.298
248963.1	843475.1	94.7	26.133	19.667	37.0	32.707	1.6	26.027	1.772	2.043	49.1	2.705	1.9	-2.469	2.438	-44.6	3.470
248962.4	843474.3	94.8	26.136	19.684	37.0	32.719	1.6	26.037	1.773	2.046	49.1	2.707	1.9	-2.531	2.482	-44.4	3.545
248961.7	843473.6	94.8	26.108	19.672	37.0	32.689	1.6	26.013	1.773	2.048	49.1	2.709	2.0	-2.565	2.492	-44.2	3.576
248961.0	843472.9	94.9	26.065	19.645	37.0	32.639	1.6	25.973	1.772	2.051	49.2	2.710	2.0	-2.586	2.486	-43.9	3.587
248960.3	843472.2	95.0	26.020	19.618	37.0	32.587	1.6	25.932	1.772	2.053	49.2	2.712	2.0	-2.607	2.478	-43.5	3.597
248959.6	843471.5	95.1	25.975	19.589	37.0	32.534	1.6	25.889	1.771	2.054	49.2	2.713	2.1	-2.627	2.469	-43.2	3.605
248958.9	843470.8	95.2	26.014	19.640	37.1	32.596	1.6	25.939	1.772	2.057	49.3	2.715	2.1	-2.723	2.549	-43.1	3.730
248958.2	843470.0	95.4	26.205	19.834	37.1	32.865	1.4	26.153	1.776	2.063	49.3	2.722	2.1	-2.955	2.786	-43.3	4.061
248957.5	843469.3	95.4	26.039	19.690	37.1	32.645	1.5	25.978	1.772	2.061	49.3	2.718	2.1	-2.873	2.660	-42.8	3.915
248956.8	843468.6	95.5	26.093	19.755	37.1	32.728	1.5	26.044	1.773	2.063	49.3	2.720	2.1	-2.989	2.763	-42.8	4.070
248956.1	843467.9	95.5	25.953	19.637	37.1	32.545	1.5	25.899	1.770	2.061	49.3	2.716	2.1	-2.935	2.671	-42.3	3.968
248955.4	843467.2	95.6	25.953	19.651	37.1	32.553	1.5	25.905	1.768	2.060	49.4	2.715	2.1	-3.008	2.727	-42.2	4.060
248954.7	843466.4	95.7	25.901	19.615	37.1	32.490	1.5	25.855	1.766	2.058	49.4	2.712	2.1	-3.039	2.734	-42.0	4.088
248954.0	843465.7	95.8	25.853	19.583	37.1	32.433	1.5	25.809	1.763	2.056	49.4	2.708	2.1	-3.076	2.751	-41.8	4.127
248953.3	843465.0	95.8	25.740	19.490	37.1	32.286	1.5	25.693	1.759	2.052	49.4	2.703	2.1	-3.058	2.705	-41.5	4.083
248952.6	843464.3	95.9	25.668	19.435	37.1	32.196	1.5	25.621	1.755	2.048	49.4	2.697	2.1	-3.081	2.707	-41.3	4.101
248952.0	843463.6	96.0	25.648	19.429	37.1	32.176	1.5	25.605	1.752	2.044	49.4	2.692	2.1	-3.152	2.769	-41.3	4.196
248951.3	843462.9	96.1	25.573	19.371	37.1	32.081	1.6	25.529	1.748	2.039	49.4	2.686	2.1	-3.178	2.778	-41.2	4.221
248950.6	843462.1	96.0	25.367	19.189	37.1	31.807	1.6	25.311	1.741	2.032	49.4	2.676	2.2	-3.090	2.653	-40.7	4.073
248949.9	843461.4	96.0	25.149	18.997	37.1	31.518	1.7	25.081	1.734	2.024	49.4	2.665	2.2	-2.992	2.520	-40.1	3.912
248949.2	843460.7	96.1	25.121	18.983	37.1	31.486	1.7	25.056	1.730	2.019	49.4	2.658	2.2	-3.069	2.591	-40.2	4.017
248948.5	843460.0	96.2	25.057	18.935	37.1	31.407	1.7	24.993	1.725	2.013	49.4	2.651	2.2	-3.116	2.630	-40.2	4.077
248947.8	843459.3	96.2	24.769	18.677	37.0	31.021	1.9	24.686	1.716	2.003	49.4	2.638	2.2	-2.960	2.430	-39.4	3.830
248947.1	843458.5	96.2	24.604	18.534	37.0	30.804	1.9	24.513	1.709	1.995	49.4	2.627	2.2	-2.918	2.365	-39.0	3.756
248946.4	843457.8	96.2	24.410	18.363	37.0	30.546	2.0	24.308	1.702	1.987	49.4	2.616	2.2	-2.851	2.270	-38.5	3.644
248945.7	843457.1	96.2	24.283	18.256	36.9	30.380	2.1	24.176	1.696	1.979	49.4	2.607	2.2	-2.846	2.251	-38.3	3.628
248945.0	843456.4	96.3	24.228	18.216	36.9	30.313	2.1	24.122	1.691	1.973	49.4	2.599	2.2	-2.910	2.312	-38.5	3.717
248944.3	843455.7	96.3	24.008	18.021	36.9	30.019	2.2	23.888	1.683	1.964	49.4	2.586	2.3	-2.820	2.194	-37.9	3.573
248943.6	843455.0	96.3	23.808	17.846	36.9	29.754	2.3	23.678	1.675	1.955	49.4	2.575	2.3	-2.750	2.099	-37.3	3.460
248942.9	843454.2	96.3	23.711	17.766	36.8	29.628	2.3	23.577	1.669	1.948	49.4	2.565	2.3	-2.777	2.118	-37.3	3.492
248942.2	843453.5	96.3	23.473	17.555	36.8	29.312	2.4	23.325	1.660	1.939	49.4	2.553	2.3	-2.671	1.981	-36.6	3.325
248941.5	843452.8	96.3	23.210	17.315	36.7	28.957	2.6	23.044	1.644	1.926	49.5	2.532	2.4	-2.741	1.915	-34.9	3.344
248940.8	843452.1	96.4	23.249	17.362	36.8	29.016	2.5	23.090	1.640	1.921	49.5	2.526	2.4	-2.900	2.091	-35.8	3.575
248940.1	843451.4	96.6	23.325	17.443	36.8	29.126	2.5	23.178	1.637	1.917	49.5	2.521	2.4	-3.094	2.308	-36.7	3.860
248939.4	843450.6	96.6	23.236	17.371	36.8	29.011	2.5	23.086	1.632	1.910	49.5	2.512	2.4	-3.131	2.340	-36.8	3.908
248938.7	843449.9	96.7	23.090	17.246	36.8	28.820	2.6	22.934	1.625	1.902	49.5	2.501	2.4	-3.115	2.309	-36.5	3.878
248938.0	843449.2	96.7	22.938	17.115	36.7	28.620	2.6	22.775	1.617	1.894	49.5	2.491	2.4	-3.092	2.270	-36.3	3.836
248937.3	843448.5	96.7	22.692	16.895	36.7	28.291	2.7	22.513	1.608	1.884	49.5	2.478	2.5	-2.978	2.124	-35.5	3.657
248936.6	843447.8	96.6	22.422	16.655	36.6	27.930	2.9	22.226	1.599	1.874	49.5	2.464	2.5	-2.838	1.947	-34.5	3.442
248935.9	843447.1	96.7	22.319	16.569	36.6	27.797	2.9	22.120	1.593	1.867	49.5	2.454	2.5	-2.859	1.961	-34.4	3.468
248935.2	843446.3	96.7	22.272	16.536	36.6	27.739	2.9	22.074	1.587	1.861	49.5	2.446	2.5	-2.934	2.039	-34.8	3.573
248934.6	843445.6	96.8	22.195	16.474	36.6	27.641	2.9	21.996	1.582	1.855	49.5	2.437	2.5	-2.978	2.081	-34.9	3.633
248933.9	843444.9	96.9	22.121	16.416	36.6	27.547	2.9	21.921	1.576	1.848	49.5	2.429	2.5	-3.024	2.126	-35.1	3.697
248933.2	843444.2	96.9	21.996	16.309	36.6	27.383	3.0	21.791	1.569	1.841	49.5	2.419	2.6	-3.019	2.110	-34.9	3.684

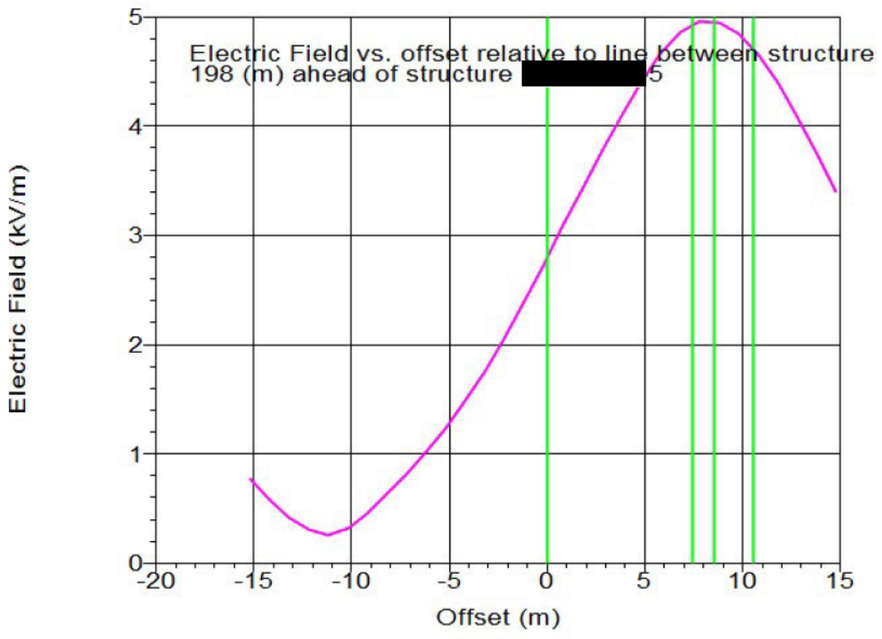
248932.5	843443.5	97.0	21.867	16.200	36.5	27.214	3.0	21.656	1.563	1.833	49.6	2.409	2.6	-3.009	2.089	-34.8	3.663
248931.8	843442.7	97.0	21.738	16.090	36.5	27.045	3.1	21.522	1.556	1.826	49.6	2.399	2.6	-2.997	2.066	-34.6	3.640
248931.1	843442.0	97.1	21.609	15.980	36.5	26.876	3.1	21.388	1.549	1.818	49.6	2.389	2.6	-2.984	2.040	-34.4	3.615
248930.4	843441.3	97.1	21.499	15.888	36.5	26.733	3.2	21.274	1.543	1.811	49.6	2.379	2.6	-2.986	2.035	-34.3	3.614
248929.7	843440.6	97.2	21.429	15.832	36.5	26.643	3.2	21.202	1.537	1.805	49.6	2.371	2.6	-3.025	2.073	-34.4	3.667
248929.0	843439.9	97.3	21.400	15.814	36.5	26.609	3.2	21.175	1.533	1.800	49.6	2.364	2.6	-3.103	2.158	-34.8	3.780
248928.3	843439.2	97.3	21.284	15.717	36.4	26.458	3.2	21.055	1.526	1.793	49.6	2.355	2.6	-3.093	2.140	-34.7	3.761
248927.6	843438.4	97.5	21.274	15.716	36.5	26.450	3.2	21.048	1.523	1.788	49.6	2.349	2.6	-3.184	2.242	-35.1	3.894
248926.9	843437.7	97.5	21.213	15.669	36.5	26.372	3.3	20.986	1.518	1.783	49.6	2.341	2.6	-3.223	2.281	-35.3	3.948
248926.2	843437.0	97.6	21.124	15.595	36.4	26.257	3.3	20.894	1.512	1.777	49.6	2.333	2.6	-3.230	2.285	-35.3	3.957
248925.5	843436.3	97.7	21.066	15.551	36.4	26.184	3.3	20.836	1.508	1.771	49.6	2.326	2.6	-3.265	2.322	-35.4	4.007
248924.8	843435.6	97.8	20.962	15.464	36.4	26.049	3.3	20.729	1.503	1.765	49.6	2.318	2.6	-3.252	2.303	-35.3	3.985
248924.1	843434.8	97.9	20.943	15.455	36.4	26.029	3.3	20.713	1.499	1.761	49.6	2.313	2.6	-3.318	2.378	-35.6	4.082
248923.4	843434.1	98.0	20.897	15.421	36.4	25.970	3.3	20.667	1.496	1.757	49.6	2.308	2.6	-3.353	2.417	-35.8	4.133
248922.7	843433.4	98.1	20.837	15.374	36.4	25.895	3.4	20.606	1.492	1.753	49.6	2.302	2.6	-3.371	2.437	-35.9	4.159
248922.0	843432.7	98.2	20.829	15.375	36.4	25.888	3.3	20.601	1.490	1.750	49.6	2.298	2.5	-3.435	2.512	-36.2	4.255
248921.3	843432.0	98.3	20.841	15.395	36.5	25.910	3.3	20.619	1.489	1.748	49.6	2.296	2.5	-3.514	2.606	-36.6	4.375
248920.6	843431.3	98.5	20.853	15.414	36.5	25.931	3.3	20.635	1.488	1.746	49.6	2.294	2.5	-3.588	2.693	-36.9	4.486
248919.9	843430.5	98.6	20.883	15.450	36.5	25.976	3.3	20.671	1.488	1.745	49.6	2.293	2.5	-3.675	2.796	-37.3	4.618
248919.2	843429.8	98.7	20.809	15.390	36.5	25.882	3.3	20.596	1.485	1.742	49.6	2.289	2.5	-3.657	2.774	-37.2	4.590
248918.5	843429.1	98.8	20.726	15.322	36.5	25.775	3.3	20.511	1.482	1.740	49.6	2.286	2.5	-3.626	2.737	-37.0	4.543
248917.8	843428.4	98.9	20.643	15.253	36.5	25.667	3.4	20.425	1.480	1.737	49.6	2.282	2.4	-3.589	2.693	-36.9	4.487
248917.2	843427.7	98.9	20.551	15.177	36.4	25.547	3.4	20.330	1.478	1.735	49.6	2.279	2.4	-3.538	2.632	-36.6	4.410
248916.5	843427.0	99.0	20.454	15.096	36.4	25.421	3.4	20.230	1.476	1.733	49.6	2.277	2.4	-3.478	2.560	-36.4	4.318
248915.8	843426.2	99.2	20.513	15.158	36.5	25.506	3.4	20.297	1.479	1.736	49.6	2.280	2.4	-3.564	2.661	-36.7	4.448
248915.1	843425.5	99.3	20.450	15.107	36.5	25.425	3.4	20.232	1.478	1.736	49.6	2.280	2.4	-3.526	2.614	-36.6	4.390
248914.4	843424.8	99.4	20.394	15.064	36.5	25.355	3.4	20.177	1.479	1.737	49.6	2.281	2.4	-3.492	2.571	-36.4	4.336
248913.7	843424.1	99.5	20.330	15.013	36.4	25.272	3.4	20.111	1.479	1.738	49.6	2.282	2.4	-3.444	2.510	-36.1	4.261
248913.0	843423.4	99.6	20.261	14.957	36.4	25.184	3.5	20.041	1.479	1.739	49.6	2.283	2.5	-3.387	2.438	-35.8	4.173
248912.3	843422.6	99.6	20.192	14.901	36.4	25.095	3.5	19.970	1.480	1.741	49.6	2.285	2.5	-3.325	2.360	-35.4	4.078
248911.6	843421.9	99.8	20.281	14.991	36.5	25.219	3.4	20.069	1.485	1.747	49.6	2.293	2.5	-3.417	2.463	-35.8	4.212
248910.9	843421.2	100.1	20.377	15.088	36.5	25.355	3.4	20.177	1.490	1.754	49.7	2.302	2.5	-3.513	2.570	-36.2	4.353
248910.2	843420.5	100.3	20.474	15.185	36.6	25.491	3.3	20.285	1.495	1.761	49.7	2.310	2.5	-3.606	2.673	-36.6	4.488
248909.5	843419.8	100.5	20.570	15.282	36.6	25.626	3.2	20.392	1.500	1.768	49.7	2.319	2.5	-3.696	2.772	-36.9	4.620
248908.8	843419.1	100.7	20.661	15.375	36.7	25.754	3.2	20.495	1.506	1.774	49.7	2.327	2.5	-3.779	2.863	-37.2	4.741
248908.1	843418.3	100.9	20.735	15.451	36.7	25.858	3.1	20.577	1.510	1.781	49.7	2.335	2.5	-3.843	2.931	-37.3	4.833
248907.4	843417.6	101.1	20.807	15.526	36.7	25.961	3.1	20.659	1.514	1.786	49.7	2.342	2.6	-3.906	2.997	-37.5	4.924
248906.7	843416.9	101.2	20.752	15.483	36.7	25.892	3.1	20.604	1.515	1.789	49.7	2.345	2.6	-3.845	2.916	-37.2	4.826
248906.0	843416.2	101.2	20.626	15.372	36.7	25.724	3.1	20.470	1.515	1.789	49.8	2.344	2.6	-3.714	2.750	-36.5	4.621
248905.3	843415.5	101.3	20.572	15.330	36.7	25.656	3.2	20.416	1.515	1.791	49.8	2.346	2.7	-3.654	2.669	-36.2	4.525
248904.6	843414.7	101.5	20.649	15.409	36.7	25.764	3.1	20.503	1.519	1.796	49.8	2.352	2.7	-3.722	2.742	-36.4	4.623
248903.9	843414.0	101.7	20.724	15.487	36.8	25.872	3.1	20.588	1.522	1.801	49.8	2.358	2.7	-3.791	2.815	-36.6	4.722
248903.2	843413.3	101.9	20.800	15.565	36.8	25.979	3.0	20.673	1.526	1.805	49.8	2.363	2.7	-3.860	2.889	-36.8	4.822
248902.5	843412.6	102.1	20.803	15.576	36.8	25.988	3.0	20.681	1.527	1.807	49.8	2.366	2.7	-3.861	2.881	-36.7	4.817
248901.8	843411.9	102.2	20.800	15.581	36.8	25.989	3.0	20.682	1.528	1.809	49.8	2.368	2.7	-3.856	2.868	-36.6	4.806
248901.1	843411.2	102.4	20.797	15.585	36.8	25.989	3.0	20.681	1.529	1.810	49.8	2.369	2.7	-3.853	2.856	-36.5	4.796
248900.4	843410.4	102.5	20.791	15.587	36.9	25.985	3.0	20.678	1.529	1.811	49.8	2.370	2.8	-3.849	2.843	-36.4	4.785
248899.8	843409.7	102.7	20.835	15.636	36.9	26.050	2.9	20.730	1.530	1.813	49.8	2.373	2.8	-3.896	2.890	-36.6	4.851
248899.1	843409.0	102.9	20.948	15.750	36.9	26.208	2.9	20.856	1.534	1.817	49.8	2.377	2.8	-4.011	3.021	-37.0	5.021
248898.4	843408.3	103.1	20.970	15.778	37.0	26.243	2.9	20.884	1.534	1.818	49.8	2.379	2.8	-4.039	3.047	-37.0	5.060
248897.7	843407.6	103.2	20.935	15.752	37.0	26.199	2.9	20.848	1.533	1.817	49.8	2.378	2.8	-4.013	3.008	-36.9	5.015
248897.0	843406.8	103.3	20.855	15.685	36.9	26.094	2.9	20.765	1.531	1.815	49.9	2.375	2.8	-3.945	2.919	-36.5	4.907
248896.3	843406.1	103.4	20.733	15.578	36.9	25.933	2.9	20.637	1.528	1.813	49.9	2.370	2.9	-3.837	2.782	-35.9	4.739
248895.6	843405.4	103.5	20.611	15.471	36.9	25.772	3.0	20.509	1.524	1.810	49.9	2.366	2.9	-3.730	2.645	-35.3	4.572
248894.9	843404.7	103.6	20.602	15.470	36.9	25.763	3.0	20.502	1.524	1.809	49.9	2.365	2.9	-3.734	2.642	-35.3	4.574
248894.2	843404.0	103.7	20.549	15.428	36.9	25.696	3.0	20.448	1.522	1.808	49.9	2.363	3.0	-3.696	2.590	-35.0	4.513
248893.5	843403.3	103.9	20.571	15.456	36.9	25.730	3.0	20.475	1.522	1.808	49.9	2.363	3.0	-3.733	2.627	-35.1	4.565
248892.8	843402.5	104.2	20.702	15.586	37.0	25.913	2.9	20.621	1.525	1.811	49.9	2.368	3.0	-3.878	2.794	-35.8	4.780
248892.1	843401.8	104.4	20.845	15.726	37.0	26.112	2.8	20.779	1.529	1.815	49.9	2.373	3.0	-4.033	2.973	-36.4	5.010
248891.4	843401.1	104.7	20.961	15.843	37.1	26.275	2.8	20.909	1.532	1.818	49.9	2.377	3.0	-4.162	3.121	-36.9	5.202
248890.7	843400.4	104.9	21.013	15.899	37.1	26.350	2.7	20.969	1.533	1.820	49.9	2.379	3.0	-4.228	3.193	-37.1	5.298
248890.0	843399.7	105.1	21.156	15.992	37.1	26.520	2.7	21.104	1.545	1.830	49.8	2.395	3.0	-4.144	3.147	-37.2	5.204
248889.3	843398.9	105.3	21.285	16.121	37.1	26.701	2.6	21.248	1.549	1.834	49.8	2.401	3.0	-4.282	3.306	-37.7	5.410
248888.6	843398.2	105.5	21.306	16.147	37.2	26.734	2.6	21.274	1.550	1.836	49.8	2.402	3.0	-4.316	3.339	-37.7	5.457
248887.9	843397.5	105.5	21.076	15.937	37.1	26.424	2.7	21.027	1.543	1.830	49.9	2.394	3.1	-4.109	3.084	-36.9	5.138
248887.2	843396.8	105.5	20.849	15.729	37.0	26.117	2.8	20.783	1.537	1.825	49.9	2.386	3.1	-3.902	2.827	-35.9	4.818
248886.5	843396.1	105.5	20.621	15.521	37.0	25.810	2.9	20.539	1.531	1.820	49.9	2.378	3.2	-3.690	2.564	-34.8	4.493
248885.8	843395.4	105.7	20.692	15.595	37.0	25.911	2.9	20.619	1.534	1.823	49.9	2.382	3.2	-3.772	2.655	-35.1	4.613
248885.1	843394.6	106.0	20.871	15.769	37.1	26.158	2.8	20.816	1.540	1.829	49.9	2.391	3.2	-3.957	2.871	-36.0	4.889
248884.4	843393.9	106.3	20.994	15.891	37.1	26.331	2.7	20.953	1.544	1.834	49.9	2.398	3.2	-4.087	3.021	-36.5	5.082
248883.7	843393.2	106.4	20.999	15.902	37.1	26.341	2.7	20.962	1.545	1.836	49.9	2.400	3.2	-4.101	3.031	-36.5	5.099
248883.0	843392.5	106.6	21.018	15.926	37.2	26.371	2.7	20.985	1.547	1.838	49.9	2.402	3.3	-4.127	3.057	-36.5	5.136
248882.4	843391.8	106.9	21.151	16.058	37.2	26.556	2.6	21.133	1.552	1.843	49.9	2.410	3.3	-4.262	3.214	-37.0	5.338
248881.7	843391.0	107.1	21.270	16.176	37.3	26.722	2.6	21.265	1.557	1.848	49.9	2.417	3.3	-4.382	3.353	-37.4	5.518
248881.0	843390.3	107.4	21.406	16.312	37.3	26.913	2.5	21.416	1.562	1.854	49.9	2.425	3.3	-4.517	3.512	-37.9	5.721
248880.3	843389.6	107.6	21.465	16.373	37.3	26.997	2.4	21.483	1.565	1.857	49.9	2.429	3.3	-4.577	3.581	-38.0	5.811
248879.6	843388.9	107.7	21.416	16.334	37.3	26.934	2.5	21.434	1.565	1.858	49.9	2.429	3.3	-4.536	3.530	-37.9	5.748
248878.9	843388.2	108.1	21.701	16.610	37.4	27.328	2.3	21.747	1.575	1.868	49.9	2.443	3.3	-4.805	3.853	-38.7	6.160
248878.2	843387.5	108.3	21.836	16.744	37.5	27.517	2.2	21.897	1.581	1.873	49.8	2.451	3.2	-4.932	4.006	-39.1	6.355
248877.5	843386.7	108.4	21.747	16.665	37.5	27.398	2.3	21.803	1.580	1.872	49.8	2.449	3.3	-4.853	3.912	-38.9	6.233
248876.8	843386.0	108.5	21.615	16.546	37.4	27.221	2.3	21.662	1.577	1.869	49.8	2.446	3.3	-4.733	3.768	-38.5	6.050
248876.1	843385.3	108.6	21.452	16.397	37.4	27.001	2.4	21.486	1.574	1.866	49.9	2.441	3.3	-4.582	3.588	-38.1	5.819
248875.4	843384.6	108.8	21.444	16.395	37.4	26.993	2.4	21.481	1.575	1.867	49.9	2.443	3.3	-4.575	3.583	-38.1	5.811
248874.7	843383.9	109.3	22.008	16.938	37.6	27.771	2.1	22.099	1.595	1.885	49.8	2.469	3.2	-5.096	4.218	-39.6	6.615
248874.0	843383.2	109.6	22.257	17.181	37.7	28.117	2.0	22.375	1.605	1.895	49.7	2.483	3.2	-5.320	4.494	-40.2	6.964
248873.3	843382.4	109.8	22.261	17.191	37.7	28.126	2.0	22.382	1.606	1.896	49.7	2.485	3.2	-5.323	4.504	-40.2	6.972
248872.6	843381.7	110.0	22.263	17.199	37.7	28.133	2.0	22.387	1.608	1.898	49.7	2.488	3.2	-5.324	4.513	-40.3	6.979

248871.9	843381.0	110.2	22.412	17.346	37.7	28.340	1.9	22.553	1.615	1.904	49.7	2.497	3.1	-5.455	4.680	-40.6	7.187
248871.2	843380.3	110.3	22.244	17.192	37.7	28.113	2.0	22.372	1.612	1.900	49.7	2.491	3.1	-5.304	4.507	-40.4	6.960
248870.5	843379.6	110.5	22.215	17.169	37.7	28.076	2.0	22.342	1.613	1.900	49.7	2.492	3.1	-5.276	4.483	-40.4	6.923
248869.8	843378.8	110.7	22.258	17.215	37.7	28.139	2.0	22.392	1.616	1.903	49.7	2.497	3.1	-5.313	4.538	-40.5	6.987
248869.1	843378.1	110.9	22.290	17.251	37.7	28.186	2.0	22.430	1.619	1.905	49.6	2.500	3.1	-5.341	4.583	-40.6	7.038
248868.4	843377.4	111.0	22.202	17.172	37.7	28.068	2.0	22.335	1.618	1.904	49.6	2.498	3.1	-5.261	4.499	-40.5	6.923
248867.7	843376.7	111.1	22.093	17.074	37.7	27.922	2.0	22.219	1.617	1.901	49.6	2.496	3.1	-5.163	4.394	-40.4	6.780
248867.0	843376.0	111.2	21.956	16.947	37.7	27.735	2.1	22.071	1.614	1.898	49.6	2.492	3.1	-5.038	4.257	-40.2	6.596
248866.3	843375.3	111.4	21.985	16.980	37.7	27.779	2.1	22.106	1.617	1.900	49.6	2.495	3.1	-5.069	4.308	-40.4	6.652
248865.6	843374.5	111.6	22.058	17.054	37.7	27.882	2.1	22.188	1.620	1.902	49.6	2.499	3.1	-5.141	4.409	-40.6	6.772
248865.0	843373.8	111.7	21.897	16.905	37.7	27.663	2.1	22.014	1.617	1.898	49.6	2.493	3.1	-5.000	4.254	-40.4	6.564
248864.3	843373.1	111.9	21.856	16.871	37.7	27.610	2.1	21.972	1.617	1.897	49.6	2.492	3.1	-4.972	4.235	-40.4	6.531
248863.6	843372.4	112.0	21.769	16.792	37.6	27.493	2.2	21.878	1.615	1.894	49.5	2.489	3.1	-4.903	4.168	-40.4	6.435
248862.9	843371.7	112.2	21.743	16.771	37.6	27.460	2.2	21.852	1.615	1.892	49.5	2.488	3.1	-4.894	4.174	-40.5	6.432
248862.2	843370.9	112.3	21.695	16.730	37.6	27.397	2.2	21.801	1.614	1.890	49.5	2.485	3.1	-4.869	4.160	-40.5	6.404
248861.5	843370.2	112.4	21.499	16.547	37.6	27.129	2.3	21.588	1.608	1.882	49.5	2.476	3.1	-4.705	3.981	-40.2	6.163
248860.8	843369.5	112.4	21.304	16.365	37.5	26.864	2.4	21.377	1.602	1.875	49.5	2.466	3.1	-4.544	3.806	-39.9	5.927
248860.1	843368.8	112.6	21.229	16.297	37.5	26.763	2.4	21.298	1.600	1.870	49.5	2.461	3.1	-4.503	3.775	-40.0	5.876
248859.4	843368.1	112.7	21.196	16.269	37.5	26.720	2.5	21.263	1.597	1.866	49.4	2.456	3.1	-4.507	3.798	-40.1	5.894
248858.7	843367.4	112.9	21.154	16.233	37.5	26.664	2.5	21.219	1.595	1.861	49.4	2.451	3.1	-4.507	3.816	-40.3	5.906
248858.0	843366.6	112.9	20.955	16.047	37.4	26.394	2.6	21.004	1.588	1.852	49.4	2.439	3.1	-4.357	3.656	-40.0	5.688
248857.3	843365.9	113.0	20.713	15.821	37.4	26.064	2.7	20.741	1.579	1.841	49.4	2.425	3.1	-4.166	3.447	-39.6	5.407
248856.6	843365.2	113.0	20.466	15.589	37.3	25.727	2.8	20.473	1.570	1.830	49.4	2.411	3.1	-3.971	3.233	-39.2	5.121
248855.9	843364.5	113.0	20.220	15.359	37.2	25.392	3.0	20.206	1.561	1.818	49.4	2.396	3.2	-3.777	3.022	-38.7	4.838
248855.2	843363.8	113.1	20.052	15.203	37.2	25.164	3.0	20.025	1.553	1.808	49.3	2.383	3.2	-3.669	2.913	-38.4	4.685
248854.5	843363.0	113.2	19.928	15.088	37.1	24.995	3.1	19.890	1.546	1.798	49.3	2.371	3.1	-3.610	2.862	-38.4	4.607
248853.8	843362.3	113.2	19.764	14.936	37.1	24.773	3.2	19.713	1.538	1.787	49.3	2.357	3.1	-3.514	2.766	-38.2	4.472
248853.1	843361.6	113.3	19.560	14.746	37.0	24.496	3.3	19.493	1.529	1.774	49.3	2.342	3.2	-3.377	2.622	-37.8	4.276
248852.4	843360.9	113.3	19.341	14.542	36.9	24.198	3.4	19.256	1.519	1.762	49.2	2.326	3.2	-3.226	2.460	-37.3	4.057
248851.7	843360.2	113.3	19.166	14.379	36.9	23.960	3.5	19.067	1.509	1.749	49.2	2.310	3.2	-3.126	2.358	-37.0	3.916
248851.0	843359.5	113.4	18.998	14.223	36.8	23.732	3.6	18.886	1.500	1.737	49.2	2.295	3.2	-3.038	2.269	-36.8	3.791
248850.3	843358.7	113.5	18.837	14.073	36.8	23.514	3.7	18.712	1.490	1.724	49.2	2.279	3.2	-2.959	2.190	-36.5	3.682
248849.6	843358.0	113.5	18.696	13.942	36.7	23.322	3.8	18.559	1.481	1.712	49.1	2.263	3.2	-2.906	2.141	-36.4	3.609
248848.9	843357.3	113.6	18.555	13.811	36.7	23.131	3.9	18.407	1.471	1.699	49.1	2.247	3.1	-2.856	2.093	-36.2	3.540
248848.2	843356.6	113.7	18.393	13.660	36.6	22.910	4.0	18.232	1.461	1.686	49.1	2.231	3.1	-2.782	2.017	-35.9	3.437
248847.6	843355.9	113.7	18.235	13.513	36.5	22.696	4.1	18.061	1.451	1.672	49.1	2.214	3.1	-2.716	1.948	-35.6	3.342
248846.9	843355.1	113.7	18.065	13.355	36.5	22.466	4.2	17.878	1.440	1.659	49.0	2.197	3.2	-2.637	1.862	-35.2	3.228
248846.2	843354.4	113.8	17.873	13.177	36.4	22.206	4.4	17.671	1.429	1.645	49.0	2.179	3.2	-2.531	1.744	-34.6	3.074
248845.5	843353.7	113.8	17.688	13.006	36.3	21.955	4.5	17.471	1.418	1.632	49.0	2.161	3.2	-2.433	1.634	-33.9	2.931
248844.8	843353.0	113.8	17.518	12.849	36.3	21.725	4.6	17.289	1.407	1.618	49.0	2.145	3.2	-2.353	1.543	-33.2	2.814
248844.1	843352.3	113.9	17.432	12.769	36.2	21.609	4.7	17.196	1.398	1.607	49.0	2.130	3.2	-2.374	1.568	-33.4	2.845
248843.4	843351.6	113.9	17.291	12.640	36.2	21.419	4.8	17.044	1.388	1.594	49.0	2.114	3.2	-2.327	1.512	-33.0	2.775
248842.7	843350.8	113.9	17.113	12.477	36.1	21.179	4.9	16.853	1.377	1.582	49.0	2.098	3.2	-2.232	1.398	-32.1	2.633
248842.0	843350.1	113.9	16.970	12.346	36.0	20.986	5.0	16.700	1.368	1.571	49.0	2.083	3.2	-2.176	1.330	-31.4	2.550
248841.3	843349.4	114.0	16.899	12.282	36.0	20.890	5.1	16.624	1.360	1.562	49.0	2.071	3.2	-2.207	1.361	-31.7	2.593
248840.6	843348.7	114.1	16.802	12.195	36.0	20.761	5.1	16.521	1.352	1.552	49.0	2.058	3.2	-2.203	1.349	-31.5	2.583
248839.9	843348.0	114.1	16.703	12.107	35.9	20.630	5.2	16.416	1.344	1.544	49.0	2.047	3.2	-2.192	1.328	-31.2	2.563
248839.2	843347.2	114.3	16.735	12.137	36.0	20.673	5.2	16.451	1.339	1.538	49.0	2.039	3.2	-2.340	1.489	-32.5	2.773
248838.5	843346.5	114.3	16.626	12.042	35.9	20.529	5.3	16.337	1.332	1.532	49.0	2.030	3.2	-2.306	1.439	-32.0	2.719
248837.8	843345.8	114.3	16.514	11.944	35.9	20.381	5.3	16.218	1.326	1.526	49.0	2.022	3.2	-2.262	1.376	-31.3	2.648

Max BF along centerline is 36.967 (uT) at 198.000 (m) from structure [redacted]-5

Cross section results at max BF along centerline between structures [redacted]-5 and [redacted]-6





3D EMF Point Results Span from [redacted]-5 to [redacted]-6:

Measurement			B					H	EF					Space Potential			
X (m)	Y (m)	Z (m)	Real (uT)	Imaginary (uT)	Angle (deg)	Magnitude (uT)	Polarization Axial Ratio %	Magnitude (A/m)	Real (kV/m)	Imaginary (kV/m)	Angle (deg)	Magnitude (kV/m)	Polarization Axial Ratio %	Real (kV)	Imaginary (kV)	Angle (deg)	Magnitude (kV)
248987.9	843478.8	95.4	25.640	13.429	27.6	28.944	6.3	23.033	0.737	0.249	18.7	0.778	6.0	0.124	0.125	45.3	0.176
248987.2	843479.5	95.4	25.274	13.620	28.3	28.710	6.4	22.847	0.553	0.176	17.6	0.580	9.8	0.164	0.162	44.5	0.230
248986.5	843480.2	95.5	25.008	13.855	29.0	28.590	6.3	22.751	0.396	0.124	17.4	0.415	18.8	0.142	0.230	58.4	0.270
248985.8	843480.9	95.6	24.898	14.172	29.6	28.649	6.3	22.798	0.277	0.134	25.8	0.308	40.6	0.072	0.334	77.9	0.341
248985.1	843481.6	95.4	24.665	14.392	30.3	28.556	5.9	22.725	0.186	0.183	44.6	0.261	62.0	-0.098	0.462	-78.0	0.472
248984.3	843482.3	95.2	24.517	14.648	30.9	28.559	5.5	22.727	0.189	0.266	54.6	0.326	29.3	-0.269	0.588	-65.4	0.647
248983.6	843483.0	95.0	24.522	14.999	31.5	28.745	5.1	22.875	0.281	0.368	52.6	0.463	13.9	-0.445	0.732	-58.7	0.856
248982.9	843483.7	94.9	24.650	15.432	32.0	29.082	4.7	23.143	0.404	0.484	50.1	0.631	8.0	-0.643	0.899	-54.4	1.105
248982.2	843484.4	94.8	24.871	15.934	32.6	29.537	4.2	23.505	0.539	0.613	48.7	0.816	5.2	-0.861	1.088	-51.6	1.388

248981.5	843485.1	94.7	25.177	16.504	33.2	30.104	3.7	23.956	0.683	0.757	48.0	1.019	3.7	-1.101	1.301	-49.8	1.705
248980.7	843485.8	94.6	25.568	17.152	33.9	30.788	3.1	24.500	0.836	0.918	47.7	1.242	2.7	-1.367	1.546	-48.5	2.064
248980.0	843486.5	94.5	26.133	17.958	34.5	31.708	2.6	25.233	1.002	1.098	47.6	1.487	2.1	-1.725	1.897	-47.7	2.564
248979.3	843487.2	94.6	26.863	18.927	35.2	32.861	2.1	26.150	1.181	1.301	47.8	1.758	1.7	-2.187	2.372	-47.3	3.226
248978.6	843487.9	94.6	27.681	20.005	35.9	34.153	1.5	27.178	1.375	1.529	48.0	2.056	1.5	-2.713	2.927	-47.2	3.991
248977.9	843488.6	94.6	28.515	21.134	36.5	35.493	0.7	28.244	1.582	1.780	48.4	2.381	1.4	-3.250	3.511	-47.2	4.784
248977.2	843489.3	94.5	29.252	22.208	37.2	36.727	0.2	29.226	1.799	2.053	48.8	2.730	1.5	-3.716	4.028	-47.3	5.480
248976.4	843490.0	94.3	29.652	22.989	37.8	37.520	1.4	29.857	2.019	2.336	49.2	3.088	1.4	-3.921	4.255	-47.3	5.786
248975.7	843490.7	93.8	29.388	23.124	38.2	37.394	2.9	29.758	2.230	2.611	49.5	3.434	1.3	-3.574	3.836	-47.0	5.243
248975.0	843491.4	93.4	28.832	22.951	38.5	36.852	4.6	29.326	2.435	2.877	49.8	3.769	1.2	-2.952	3.073	-46.2	4.261
248974.3	843492.1	93.1	28.541	23.026	38.9	36.671	6.1	29.182	2.638	3.136	49.9	4.098	1.1	-2.579	2.585	-45.1	3.651
248973.6	843492.8	93.0	28.494	23.343	39.3	36.835	7.6	29.312	2.830	3.376	50.0	4.405	1.2	-2.506	2.442	-44.3	3.499
248972.8	843493.5	92.9	28.491	23.706	39.8	37.064	9.1	29.495	2.998	3.575	50.0	4.665	1.3	-2.587	2.470	-43.7	3.576
248972.1	843494.2	92.9	28.405	23.979	40.2	37.173	10.6	29.581	3.131	3.714	49.9	4.858	1.4	-2.719	2.543	-43.1	3.723
248971.4	843494.8	92.8	28.013	23.914	40.5	36.833	12.2	29.311	3.216	3.773	49.6	4.958	1.6	-2.686	2.404	-41.8	3.605
248970.7	843495.5	92.7	27.179	23.341	40.7	35.826	14.0	28.509	3.245	3.739	49.0	4.951	1.7	-2.323	1.868	-38.8	2.981
248970.0	843496.2	92.5	26.035	22.392	40.7	34.339	15.7	27.326	3.221	3.618	48.3	4.844	1.6	-1.735	1.083	-32.0	2.045
248969.3	843496.9	92.3	24.817	21.328	40.7	32.723	17.4	26.040	3.150	3.426	47.4	4.654	1.5	-1.161	0.340	-16.3	1.210
248968.5	843497.6	92.3	23.773	20.430	40.7	31.345	19.1	24.944	3.042	3.178	46.3	4.399	1.4	-0.900	-0.033	2.1	0.901
248967.8	843498.3	92.2	22.763	19.544	40.6	30.002	20.7	23.875	2.900	2.888	44.9	4.092	1.5	-0.776	-0.246	17.6	0.814
248967.1	843499.0	92.1	21.473	18.311	40.5	28.221	22.3	22.457	2.730	2.568	43.3	3.748	1.1	-0.329	-0.751	66.4	0.820
248966.4	843499.7	92.0	20.201	17.076	40.2	26.451	23.8	21.049	2.544	2.241	41.4	3.390	0.6	0.081	-1.168	-86.0	1.171

Centerline results between structures [redacted]-6 and [redacted]-7

3D EMF Point Results Centerline from [redacted]-6 to [redacted]-7:

Measurement			B					H	EF					Space Potential			
X (m)	Y (m)	Z (m)	Real (uT)	Imaginary (uT)	Angle (deg)	Magnitude (uT)	Polarization Axial Ratio %	Magnitude (A/m)	Real (kV/m)	Imaginary (kV/m)	Angle (deg)	Magnitude (kV/m)	Polarization Axial Ratio %	Real (kV)	Imaginary (kV)	Angle (deg)	Magnitude (kV)
248838.1	843346.1	114.3	16.558	11.982	35.9	20.438	5.3	16.264	1.329	1.528	49.0	2.025	3.2	-2.275	1.396	-31.5	2.669
248837.4	843345.4	114.3	16.461	11.899	35.9	20.311	5.4	16.163	1.323	1.523	49.0	2.018	3.2	-2.248	1.352	-31.0	2.623
248836.7	843344.7	114.3	16.373	11.825	35.8	20.197	5.4	16.072	1.318	1.520	49.1	2.012	3.2	-2.226	1.311	-30.5	2.583
248836.0	843344.0	114.3	16.294	11.759	35.8	20.094	5.4	15.990	1.314	1.517	49.1	2.007	3.2	-2.208	1.276	-30.0	2.550
248835.3	843343.3	114.3	16.210	11.691	35.8	19.986	5.5	15.904	1.310	1.515	49.1	2.003	3.2	-2.179	1.225	-29.3	2.499
248834.6	843342.5	114.3	16.151	11.645	35.8	19.912	5.5	15.845	1.307	1.514	49.2	2.000	3.2	-2.174	1.202	-28.9	2.485
248833.9	843341.8	114.3	16.115	11.620	35.8	19.868	5.5	15.810	1.305	1.514	49.2	1.998	3.2	-2.192	1.204	-28.8	2.501
248833.2	843341.1	114.4	16.086	11.602	35.8	19.833	5.4	15.783	1.303	1.514	49.3	1.998	3.2	-2.212	1.208	-28.6	2.521
248832.5	843340.4	114.4	16.076	11.601	35.8	19.825	5.4	15.776	1.302	1.516	49.3	1.998	3.2	-2.250	1.232	-28.7	2.565
248831.9	843339.7	114.5	16.138	11.666	35.9	19.913	5.4	15.847	1.303	1.519	49.4	2.001	3.2	-2.371	1.353	-29.7	2.730
248831.2	843338.9	114.6	16.207	11.737	35.9	20.011	5.3	15.924	1.304	1.522	49.4	2.005	3.2	-2.492	1.474	-30.6	2.895
248830.5	843338.2	114.7	16.282	11.814	36.0	20.117	5.2	16.008	1.306	1.527	49.5	2.009	3.2	-2.614	1.594	-31.4	3.061
248829.8	843337.5	114.9	16.363	11.896	36.0	20.231	5.2	16.099	1.308	1.531	49.5	2.014	3.2	-2.734	1.712	-32.1	3.226
248829.1	843336.8	114.9	16.430	11.965	36.1	20.325	5.1	16.174	1.310	1.536	49.5	2.019	3.2	-2.830	1.801	-32.5	3.355
248828.4	843336.1	115.0	16.485	12.024	36.1	20.404	5.1	16.237	1.312	1.541	49.6	2.024	3.2	-2.905	1.865	-32.7	3.452
248827.7	843335.4	115.1	16.538	12.080	36.1	20.480	5.0	16.298	1.315	1.547	49.6	2.030	3.2	-2.971	1.917	-32.8	3.535
248827.0	843334.6	115.2	16.595	12.140	36.2	20.562	4.9	16.362	1.317	1.553	49.7	2.036	3.2	-3.033	1.964	-32.9	3.614
248826.3	843333.9	115.2	16.655	12.203	36.2	20.647	4.9	16.430	1.320	1.559	49.7	2.043	3.2	-3.092	2.006	-33.0	3.686
248825.6	843333.2	115.3	16.684	12.236	36.3	20.690	4.9	16.465	1.323	1.565	49.8	2.049	3.2	-3.108	1.997	-32.7	3.694
248824.9	843332.5	115.3	16.744	12.298	36.3	20.774	4.8	16.532	1.327	1.572	49.8	2.057	3.2	-3.151	2.018	-32.6	3.742
248824.2	843331.8	115.4	16.770	12.329	36.3	20.814	4.8	16.563	1.330	1.580	49.9	2.065	3.2	-3.149	1.984	-32.2	3.722
248823.5	843331.1	115.4	16.769	12.334	36.3	20.816	4.8	16.565	1.333	1.587	50.0	2.073	3.2	-3.108	1.902	-31.5	3.644
248822.8	843330.3	115.4	16.801	12.369	36.4	20.863	4.8	16.602	1.338	1.596	50.0	2.082	3.3	-3.096	1.853	-30.9	3.608
248822.1	843329.6	115.5	16.849	12.419	36.4	20.932	4.7	16.657	1.343	1.606	50.1	2.094	3.3	-3.094	1.815	-30.4	3.587
248821.4	843328.9	115.5	16.883	12.455	36.4	20.980	4.7	16.695	1.349	1.617	50.2	2.106	3.3	-3.066	1.745	-29.6	3.528
248820.7	843328.2	115.6	17.045	12.608	36.5	21.201	4.6	16.872	1.359	1.632	50.2	2.124	3.4	-3.170	1.833	-30.0	3.662
248820.0	843327.5	116.0	17.406	12.944	36.6	21.691	4.4	17.262	1.375	1.654	50.3	2.150	3.4	-3.478	2.167	-31.9	4.098
248819.3	843326.7	116.3	17.793	13.305	36.8	22.217	4.2	17.680	1.392	1.677	50.3	2.180	3.5	-3.795	2.514	-33.5	4.552
248818.6	843326.0	116.6	18.150	13.639	36.9	22.704	4.1	18.067	1.410	1.700	50.3	2.209	3.5	-4.065	2.806	-34.6	4.939
248817.9	843325.3	116.7	18.349	13.827	37.0	22.976	4.0	18.284	1.423	1.720	50.4	2.232	3.5	-4.163	2.889	-34.8	5.068
248817.2	843324.6	116.8	18.516	13.985	37.1	23.204	3.9	18.465	1.435	1.738	50.5	2.254	3.6	-4.221	2.924	-34.7	5.135
248816.5	843323.9	117.1	18.822	14.273	37.2	23.622	3.7	18.798	1.452	1.761	50.5	2.283	3.6	-4.410	3.121	-35.3	5.402
248815.8	843323.2	117.2	18.961	14.406	37.2	23.813	3.7	18.950	1.464	1.780	50.6	2.305	3.6	-4.428	3.109	-35.1	5.410
248815.1	843322.4	117.4	19.226	14.656	37.3	24.175	3.5	19.238	1.480	1.801	50.6	2.331	3.6	-4.562	3.244	-35.4	5.598
248814.5	843321.7	117.6	19.513	14.927	37.4	24.568	3.4	19.551	1.496	1.823	50.6	2.359	3.6	-4.713	3.402	-35.8	5.812
248813.8	843321.0	117.7	19.755	15.156	37.5	24.899	3.3	19.814	1.511	1.843	50.6	2.383	3.6	-4.816	3.504	-36.0	5.956
248813.1	843320.3	117.9	20.024	15.410	37.6	25.267	3.1	20.107	1.527	1.863	50.7	2.408	3.6	-4.941	3.637	-36.4	6.136
248812.4	843319.6	118.1	20.310	15.680	37.7	25.658	3.0	20.418	1.542	1.882	50.7	2.433	3.5	-5.080	3.792	-36.7	6.339
248811.7	843318.8	118.3	20.547	15.905	37.7	25.984	2.9	20.677	1.556	1.899	50.7	2.455	3.5	-5.173	3.894	-37.0	6.475
248811.0	843318.1	118.4	20.783	16.129	37.8	26.307	2.8	20.934	1.569	1.915	50.7	2.475	3.4	-5.265	3.999	-37.2	6.612
248810.3	843317.4	118.5	20.924	16.263	37.9	26.501	2.7	21.089	1.579	1.927	50.7	2.491	3.4	-5.273	4.004	-37.2	6.621
248809.6	843316.7	118.6	21.002	16.338	37.9	26.608	2.7	21.174	1.586	1.936	50.7	2.503	3.4	-5.228	3.946	-37.0	6.550
248808.9	843316.0	118.6	21.032	16.367	37.9	26.650	2.7	21.208	1.592	1.943	50.7	2.512	3.3	-5.143	3.843	-36.8	6.420
248808.2	843315.3	118.6	21.001	16.337	37.9	26.607	2.7	21.173	1.595	1.948	50.7	2.517	3.3	-5.007	3.680	-36.3	6.213
248807.5	843314.5	118.5	20.972	16.311	37.9	26.568	2.7	21.142	1.598	1.951	50.7	2.522	3.3	-4.877	3.530	-35.9	6.021
248806.8	843313.8	118.5	20.883	16.226	37.8	26.446	2.8	21.045	1.599	1.953	50.7	2.524	3.3	-4.697	3.321	-35.3	5.752
248806.1	843313.1	118.4	20.727	16.079	37.8	26.233	2.9	20.876	1.598	1.952	50.7	2.523	3.2	-4.458	3.044	-34.3	5.399
248805.4	843312.4	118.3	20.545	15.908	37.8	25.984	3.0	20.678	1.596	1.950	50.7	2.520	3.2	-4.198	2.745	-33.2	5.016
248804.7	843311.7	118.2	20.356	15.730	37.7	25.726	3.1	20.472	1.594	1.948	50.7	2.517	3.2	-3.935	2.445	-31.9	4.633
248804.0	843310.9	118.2	20.344	15.718	37.7	25.709	3.1	20.459	1.595	1.947	50.7	2.517	3.2	-3.849	2.372	-31.6	4.521
248803.3	843310.2	118.2	20.343	15.717	37.7	25.708	3.1	20.458	1.596	1.945	50.6	2.516	3.1	-3.781	2.325	-31.6	4.439
248802.6	843309.5	118.2	20.360	15.733	37.7	25.730	3.1	20.476	1.597	1.943	50.6	2.515	3.1	-3.737	2.312	-31.7	4.394
248801.9	843308.8	118.2	20.309	15.684	37.7	25.660	3.1	20.420	1.596	1.940	50.6	2.512	3.0	-3.634	2.227	-31.5	4.262

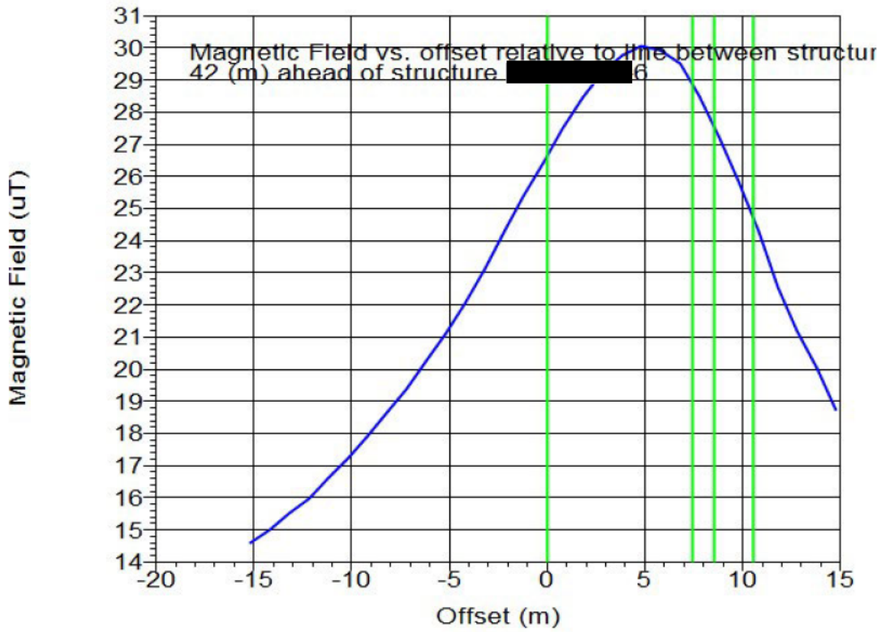
248801.2	843308.1	118.1	20.191	15.572	37.6	25.498	3.2	20.291	1.593	1.935	50.5	2.506	3.0	-3.470	2.069	-30.8	4.040
248800.5	843307.4	118.1	20.214	15.593	37.6	25.530	3.2	20.316	1.593	1.931	50.5	2.504	2.9	-3.454	2.097	-31.3	4.041
248799.8	843306.6	118.2	20.241	15.617	37.7	25.565	3.2	20.344	1.593	1.927	50.4	2.500	2.9	-3.447	2.138	-31.8	4.056
248799.1	843305.9	118.2	20.213	15.590	37.6	25.526	3.2	20.313	1.591	1.922	50.4	2.495	2.8	-3.393	2.122	-32.0	4.002
248798.4	843305.2	118.1	20.056	15.442	37.6	25.312	3.3	20.143	1.587	1.915	50.4	2.487	2.8	-3.217	1.956	-31.3	3.765
248797.7	843304.5	118.0	19.947	15.339	37.6	25.163	3.4	20.024	1.583	1.908	50.3	2.479	2.7	-3.094	1.856	-31.0	3.608
248797.1	843303.8	118.0	19.904	15.297	37.5	25.103	3.4	19.976	1.580	1.902	50.3	2.472	2.7	-3.042	1.846	-31.2	3.559
248796.4	843303.0	118.0	19.909	15.300	37.5	25.109	3.4	19.981	1.577	1.896	50.2	2.466	2.6	-3.046	1.903	-32.0	3.592
248795.7	843302.3	118.1	19.988	15.372	37.6	25.215	3.4	20.066	1.576	1.890	50.2	2.461	2.5	-3.131	2.058	-33.3	3.747
248795.0	843301.6	118.2	20.206	15.574	37.6	25.512	3.3	20.301	1.577	1.887	50.1	2.459	2.3	-3.359	2.387	-35.4	4.121
248794.3	843300.9	118.1	19.989	15.370	37.6	25.215	3.4	20.065	1.570	1.877	50.1	2.447	2.3	-3.159	2.193	-34.8	3.845
248793.6	843300.2	117.9	19.640	15.042	37.4	24.739	3.6	19.687	1.560	1.865	50.1	2.431	2.3	-2.826	1.839	-33.0	3.372
248792.9	843299.5	117.9	19.729	15.123	37.5	24.859	3.5	19.782	1.557	1.858	50.0	2.425	2.2	-2.945	2.031	-34.6	3.577
248792.2	843298.7	117.9	19.664	15.060	37.4	24.769	3.6	19.710	1.552	1.850	50.0	2.415	2.1	-2.910	2.037	-35.0	3.552
248791.5	843298.0	117.8	19.518	14.922	37.4	24.568	3.7	19.551	1.545	1.840	50.0	2.403	2.1	-2.797	1.947	-34.8	3.408
248790.8	843297.3	117.8	19.372	14.784	37.4	24.369	3.8	19.392	1.538	1.830	50.0	2.390	2.0	-2.688	1.861	-34.7	3.269
248790.1	843296.6	117.7	19.273	14.690	37.3	24.233	3.8	19.284	1.531	1.821	49.9	2.379	2.0	-2.632	1.837	-34.9	3.209
248789.4	843295.9	117.7	19.195	14.615	37.3	24.126	3.9	19.199	1.525	1.811	49.9	2.368	1.9	-2.601	1.842	-35.3	3.187
248788.7	843295.1	117.6	19.117	14.541	37.3	24.018	3.9	19.113	1.518	1.802	49.9	2.356	1.8	-2.573	1.850	-35.7	3.169
248788.0	843294.4	117.6	19.040	14.467	37.2	23.913	4.0	19.029	1.511	1.792	49.9	2.345	1.8	-2.550	1.863	-36.1	3.158
248787.3	843293.7	117.6	18.974	14.403	37.2	23.821	4.0	18.956	1.505	1.783	49.8	2.333	1.7	-2.540	1.889	-36.6	3.165
248786.6	843293.0	117.5	18.906	14.338	37.2	23.728	4.1	18.882	1.498	1.774	49.8	2.322	1.6	-2.532	1.917	-37.1	3.175
248785.9	843292.3	117.5	18.798	14.235	37.1	23.579	4.1	18.764	1.490	1.764	49.8	2.309	1.6	-2.482	1.893	-37.3	3.121
248785.2	843291.6	117.4	18.684	14.127	37.1	23.424	4.2	18.640	1.483	1.754	49.8	2.297	1.5	-2.428	1.864	-37.5	3.061
248784.5	843290.8	117.3	18.572	14.021	37.1	23.271	4.3	18.518	1.475	1.744	49.8	2.284	1.5	-2.378	1.836	-37.7	3.004
248783.8	843290.1	117.3	18.461	13.916	37.0	23.118	4.3	18.397	1.468	1.735	49.8	2.272	1.4	-2.328	1.809	-37.9	2.948
248783.1	843289.4	117.2	18.379	13.837	37.0	23.006	4.4	18.307	1.461	1.726	49.7	2.261	1.4	-2.310	1.819	-38.2	2.940
248782.4	843288.7	117.2	18.311	13.772	36.9	22.912	4.4	18.233	1.454	1.717	49.7	2.250	1.3	-2.307	1.845	-38.6	2.954
248781.7	843288.0	117.2	18.242	13.706	36.9	22.817	4.5	18.157	1.448	1.709	49.7	2.240	1.3	-2.303	1.869	-39.1	2.966
248781.0	843287.3	117.2	18.174	13.639	36.9	22.723	4.5	18.082	1.442	1.701	49.7	2.230	1.2	-2.298	1.891	-39.4	2.976
248780.3	843286.5	117.1	18.105	13.573	36.9	22.627	4.6	18.006	1.436	1.693	49.7	2.220	1.2	-2.292	1.910	-39.8	2.984
248779.7	843285.8	117.1	18.035	13.506	36.8	22.532	4.6	17.930	1.430	1.686	49.7	2.210	1.1	-2.285	1.928	-40.1	2.990
248779.0	843285.1	117.1	17.966	13.439	36.8	22.436	4.7	17.854	1.424	1.678	49.7	2.201	1.1	-2.277	1.942	-40.5	2.992
248778.3	843284.4	117.0	17.895	13.370	36.8	22.338	4.7	17.776	1.418	1.671	49.7	2.192	1.0	-2.265	1.952	-40.8	2.991
248777.6	843283.7	117.0	17.808	13.288	36.7	22.219	4.8	17.681	1.412	1.664	49.7	2.183	1.0	-2.236	1.940	-40.9	2.960
248776.9	843282.9	117.0	17.721	13.205	36.7	22.100	4.8	17.587	1.407	1.658	49.7	2.174	1.0	-2.204	1.924	-41.1	2.926
248776.2	843282.2	116.9	17.634	13.122	36.7	21.981	4.9	17.492	1.401	1.651	49.7	2.166	0.9	-2.170	1.906	-41.3	2.888
248775.5	843281.5	116.9	17.551	13.042	36.6	21.866	4.9	17.400	1.396	1.645	49.7	2.157	0.9	-2.138	1.888	-41.5	2.852
248774.8	843280.8	116.9	17.489	12.983	36.6	21.781	5.0	17.333	1.392	1.639	49.7	2.150	0.9	-2.128	1.897	-41.7	2.851
248774.1	843280.1	116.8	17.435	12.929	36.6	21.706	5.0	17.273	1.387	1.633	49.7	2.143	0.8	-2.125	1.912	-42.0	2.859
248773.4	843279.4	116.8	17.389	12.883	36.5	21.641	5.0	17.221	1.383	1.628	49.7	2.136	0.8	-2.127	1.935	-42.3	2.875
248772.7	843278.6	116.8	17.342	12.836	36.5	21.576	5.1	17.169	1.379	1.623	49.7	2.130	0.8	-2.127	1.954	-42.6	2.888
248772.0	843277.9	116.8	17.294	12.789	36.5	21.509	5.1	17.117	1.375	1.618	49.7	2.123	0.7	-2.125	1.969	-42.8	2.897
248771.3	843277.2	116.8	17.243	12.739	36.5	21.439	5.2	17.060	1.371	1.614	49.7	2.117	0.7	-2.117	1.978	-43.1	2.898
248770.6	843276.5	116.8	17.183	12.681	36.4	21.356	5.2	16.994	1.367	1.609	49.7	2.111	0.7	-2.098	1.973	-43.2	2.879
248769.9	843275.8	116.8	17.123	12.622	36.4	21.272	5.2	16.928	1.363	1.604	49.6	2.105	0.6	-2.075	1.964	-43.4	2.857
248769.2	843275.0	116.7	17.062	12.562	36.4	21.187	5.3	16.860	1.359	1.599	49.6	2.098	0.6	-2.051	1.952	-43.6	2.831
248768.5	843274.3	116.7	17.000	12.503	36.3	21.103	5.3	16.793	1.355	1.594	49.6	2.092	0.6	-2.025	1.937	-43.7	2.802
248767.8	843273.6	116.7	16.939	12.443	36.3	21.018	5.4	16.725	1.351	1.590	49.6	2.086	0.5	-1.996	1.920	-43.9	2.769
248767.1	843272.9	116.7	16.877	12.383	36.3	20.932	5.4	16.657	1.347	1.585	49.6	2.080	0.5	-1.965	1.900	-44.0	2.733
248766.4	843272.2	116.7	16.815	12.323	36.2	20.846	5.5	16.589	1.343	1.581	49.6	2.074	0.5	-1.932	1.877	-44.2	2.694
248765.7	843271.5	116.7	16.758	12.267	36.2	20.768	5.5	16.527	1.339	1.576	49.6	2.068	0.4	-1.904	1.860	-44.3	2.661
248765.0	843270.7	116.6	16.701	12.212	36.2	20.689	5.6	16.464	1.336	1.572	49.6	2.063	0.4	-1.873	1.839	-44.5	2.625
248764.3	843270.0	116.6	16.644	12.156	36.1	20.610	5.6	16.401	1.332	1.568	49.6	2.057	0.4	-1.840	1.816	-44.6	2.585
248763.6	843269.3	116.6	16.589	12.102	36.1	20.534	5.6	16.341	1.328	1.563	49.6	2.052	0.3	-1.808	1.794	-44.8	2.547
248762.9	843268.6	116.6	16.547	12.060	36.1	20.475	5.7	16.294	1.325	1.559	49.6	2.046	0.3	-1.788	1.786	-45.0	2.527
248762.3	843267.9	116.6	16.504	12.017	36.1	20.416	5.7	16.246	1.322	1.556	49.6	2.041	0.3	-1.766	1.775	-45.1	2.504
248761.6	843267.1	116.6	16.461	11.974	36.0	20.355	5.8	16.198	1.318	1.552	49.6	2.036	0.2	-1.741	1.760	-45.3	2.476
248760.9	843266.4	116.6	16.417	11.930	36.0	20.294	5.8	16.150	1.315	1.548	49.7	2.031	0.2	-1.714	1.743	-45.5	2.444
248760.2	843265.7	116.6	16.356	11.870	36.0	20.209	5.8	16.082	1.312	1.544	49.7	2.026	0.2	-1.665	1.699	-45.6	2.379
248759.5	843265.0	116.6	16.293	11.810	35.9	20.123	5.9	16.013	1.308	1.541	49.7	2.021	0.2	-1.612	1.650	-45.7	2.307
248758.8	843264.3	116.6	16.230	11.749	35.9	20.036	5.9	15.944	1.305	1.537	49.7	2.016	0.2	-1.556	1.598	-45.8	2.231
248758.1	843263.6	116.6	16.166	11.687	35.9	19.948	6.0	15.874	1.302	1.534	49.7	2.012	0.2	-1.498	1.542	-45.8	2.150
248757.4	843262.8	116.5	16.110	11.633	35.8	19.871	6.0	15.813	1.299	1.531	49.7	2.008	0.2	-1.447	1.494	-45.9	2.080
248756.7	843262.1	116.5	16.058	11.582	35.8	19.799	6.1	15.756	1.296	1.528	49.7	2.004	0.2	-1.396	1.447	-46.0	2.010
248756.0	843261.4	116.5	16.014	11.538	35.8	19.738	6.1	15.707	1.294	1.526	49.7	2.001	0.2	-1.353	1.407	-46.1	1.952
248755.3	843260.7	116.6	16.003	11.523	35.8	19.719	6.1	15.692	1.292	1.524	49.7	1.998	0.2	-1.344	1.408	-46.3	1.947
248754.6	843260.0	116.6	15.990	11.507	35.7	19.700	6.2	15.677	1.290	1.523	49.7	1.996	0.2	-1.332	1.404	-46.5	1.936
248753.9	843259.2	116.6	15.977	11.490	35.7	19.680	6.2	15.661	1.288	1.522	49.8	1.994	0.3	-1.317	1.397	-46.7	1.919
248753.2	843258.5	116.7	15.962	11.471	35.7	19.656	6.2	15.642	1.286	1.521	49.8	1.992	0.3	-1.296	1.382	-46.8	1.894
248752.5	843257.8	116.7	15.934	11.441	35.7	19.616	6.2	15.610	1.285	1.520	49.8	1.990	0.3	-1.258	1.347	-46.9	1.843
248751.8	843257.1	116.7	15.913	11.417	35.7	19.585	6.3	15.585	1.283	1.519	49.8	1.989	0.3	-1.227	1.318	-47.1	1.801
248751.1	843256.4	116.7	15.901	11.402	35.6	19.566	6.3	15.570	1.282	1.519	49.8	1.987	0.3	-1.203	1.299	-47.2	1.770
248750.4	843255.7	116.8	15.911	11.405	35.6	19.576	6.3	15.578	1.281	1.519	49.9	1.987	0.3	-1.201	1.305	-47.4	1.774
248749.7	843254.9	116.8	15.921	11.408	35.6	19.586	6.3	15.586	1.280	1.520	49.9	1.987	0.3	-1.197	1.308	-47.5	1.773
248749.0	843254.2	116.9	15.932	11.412	35.6	19.597	6.3	15.595	1.279	1.520	49.9	1.987	0.3	-1.192	1.310	-47.7	1.771
248748.3	843253.5	117.0	15.943	11.415	35.6	19.608	6.3	15.604	1.278	1.521	50.0	1.987	0.3	-1.184	1.308	-47.9	1.764
248747.6	843252.8	117.0	15.952	11.418	35.6	19.618	6.4	15.611	1.277	1.522	50.0	1.987	0.4	-1.173	1.303	-48.0	1.753
248746.9	843252.1	117.1	15.962	11.421	35.6	19.627	6.4	15.619	1.277	1.522	50.0	1.987	0.4	-1.159	1.294	-48.2	1.737
248746.2	843251.3	117.1	15.970	11.422	35.6	19.635	6.4	15.625	1.276	1.523	50.0	1.987	0.4	-1.143	1.282	-48.3	1.717
248745.5	843250.6	117.2	15.978	11.424	35.6	19.642	6.4	15.631	1.275	1.524	50.1	1.988	0.4	-1.123	1.267	-48.4	1.693
248744.9	843249.9	117.2	15.986	11.424	35.6	19.648	6.4	15.636	1.275	1.526	50.1	1.988	0.4	-1.101	1.248	-48.6	1.664
248744.2	843249.2	117.3	16.015	11.444	35.5	19.684	6.4	15.664	1.275	1.527	50.1	1.989	0.4	-1.101	1.257	-48.8	1.671
248743.5	843248.5	117.4	16.047	11.466	35.5	19.722	6.4	15.695	1.274	1.528	50.2	1.990	0.3	-1.103	1.267	-49.0	1.679
248742.8	843247.8	117.5	16.079	11.487	35.5	19.760	6.4	15.725	1.274	1.530	50.2	1.991	0.3	-1.101	1.274	-49.2	1.684
248742.1	843247.0	117.6	16.110	11.507	35.5	19.797	6.4	15.754	1.274	1.531	50.2	1.992	0.3	-1.097	1.278	-49.4	1.684
248741.4	843246.3	117.6	16.140	11.528	35.5	19.834	6.4	15.783	1.274	1.533	50.3	1.993	0.3	-1.090	1.279	-49.6	1.681

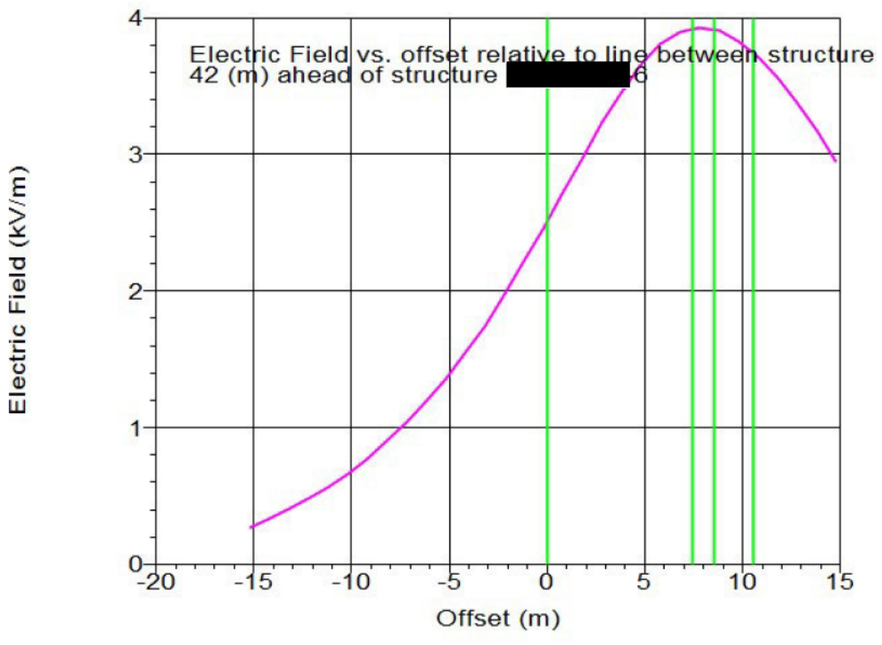
248740.7	843245.6	117.7	16.175	11.552	35.5	19.877	6.4	15.817	1.273	1.534	50.3	1.994	0.3	-1.087	1.285	-49.8	1.683
248740.0	843244.9	117.8	16.217	11.582	35.5	19.929	6.4	15.859	1.273	1.536	50.3	1.995	0.3	-1.089	1.298	-50.0	1.695
248739.3	843244.2	117.9	16.259	11.612	35.5	19.980	6.4	15.900	1.273	1.538	50.4	1.996	0.3	-1.089	1.308	-50.2	1.702
248738.6	843243.5	118.0	16.301	11.642	35.5	20.031	6.4	15.940	1.273	1.539	50.4	1.998	0.3	-1.086	1.316	-50.5	1.706
248737.9	843242.7	118.1	16.341	11.671	35.5	20.081	6.4	15.980	1.273	1.541	50.4	1.999	0.3	-1.080	1.320	-50.7	1.706
248737.2	843242.0	118.2	16.386	11.703	35.5	20.136	6.4	16.023	1.274	1.543	50.5	2.001	0.3	-1.076	1.327	-51.0	1.708
248736.5	843241.3	118.3	16.426	11.730	35.5	20.184	6.4	16.062	1.274	1.545	50.5	2.002	0.3	-1.064	1.326	-51.2	1.700
248735.8	843240.6	118.4	16.465	11.758	35.5	20.232	6.4	16.100	1.274	1.547	50.5	2.004	0.3	-1.050	1.321	-51.5	1.687
248735.1	843239.9	118.4	16.503	11.784	35.5	20.279	6.4	16.137	1.275	1.549	50.6	2.006	0.3	-1.033	1.313	-51.8	1.671
248734.4	843239.1	118.5	16.553	11.819	35.5	20.339	6.5	16.185	1.274	1.554	50.6	2.009	0.3	-1.027	1.294	-51.5	1.652
248733.7	843238.4	118.6	16.627	11.884	35.6	20.438	6.4	16.264	1.284	1.561	50.5	2.021	0.3	-1.151	1.361	-49.8	1.782
248733.0	843237.7	118.7	16.649	11.895	35.5	20.462	6.4	16.283	1.285	1.563	50.6	2.023	0.3	-1.109	1.324	-50.0	1.727
248732.3	843237.0	118.8	16.675	11.911	35.5	20.492	6.4	16.307	1.285	1.566	50.6	2.026	0.3	-1.068	1.289	-50.3	1.674
248731.6	843236.3	118.9	16.723	11.945	35.5	20.551	6.4	16.354	1.286	1.569	50.7	2.029	0.3	-1.048	1.280	-50.7	1.654
248730.9	843235.6	119.0	16.771	11.979	35.5	20.609	6.4	16.400	1.287	1.572	50.7	2.032	0.3	-1.025	1.267	-51.0	1.630
248730.2	843234.8	119.1	16.818	12.012	35.5	20.667	6.4	16.446	1.288	1.575	50.7	2.035	0.3	-0.999	1.251	-51.4	1.601
248729.5	843234.1	119.2	16.875	12.054	35.5	20.738	6.4	16.502	1.290	1.579	50.8	2.039	0.3	-0.980	1.244	-51.8	1.584
248728.8	843233.4	119.3	16.931	12.095	35.5	20.808	6.4	16.558	1.291	1.583	50.8	2.043	0.3	-0.958	1.234	-52.2	1.562
248728.1	843232.7	119.4	16.987	12.136	35.5	20.877	6.4	16.613	1.293	1.587	50.8	2.047	0.3	-0.933	1.220	-52.6	1.536
248727.5	843232.0	119.5	17.049	12.181	35.5	20.954	6.4	16.675	1.295	1.591	50.9	2.051	0.3	-0.911	1.210	-53.0	1.515
248726.8	843231.2	119.6	17.123	12.237	35.6	21.046	6.4	16.748	1.297	1.596	50.9	2.056	0.3	-0.898	1.212	-53.4	1.508
248726.1	843230.5	119.8	17.204	12.299	35.6	21.149	6.3	16.829	1.299	1.600	50.9	2.061	0.3	-0.890	1.220	-53.9	1.510
248725.4	843229.8	119.9	17.288	12.363	35.6	21.254	6.3	16.913	1.302	1.605	51.0	2.067	0.3	-0.881	1.227	-54.3	1.511
248724.7	843229.1	120.0	17.371	12.427	35.6	21.358	6.3	16.996	1.305	1.610	51.0	2.073	0.3	-0.869	1.231	-54.8	1.507
248724.0	843228.4	120.2	17.454	12.490	35.6	21.463	6.3	17.080	1.307	1.616	51.0	2.078	0.3	-0.853	1.231	-55.3	1.498
248723.3	843227.7	120.3	17.529	12.546	35.6	21.556	6.3	17.154	1.310	1.621	51.1	2.084	0.3	-0.827	1.218	-55.8	1.472
248722.6	843226.9	120.4	17.593	12.593	35.6	21.635	6.3	17.217	1.313	1.627	51.1	2.090	0.3	-0.787	1.188	-56.5	1.425
248721.9	843226.2	120.5	17.656	12.639	35.6	21.714	6.3	17.279	1.316	1.632	51.1	2.097	0.3	-0.744	1.154	-57.2	1.373
248721.2	843225.5	120.7	17.719	12.685	35.6	21.792	6.3	17.341	1.319	1.638	51.2	2.103	0.4	-0.698	1.117	-58.0	1.317
248720.5	843224.8	120.8	17.782	12.730	35.6	21.869	6.3	17.403	1.322	1.644	51.2	2.110	0.4	-0.649	1.077	-58.9	1.257
248719.8	843224.1	120.9	17.844	12.774	35.6	21.945	6.3	17.464	1.326	1.650	51.2	2.117	0.4	-0.597	1.033	-60.0	1.193
248719.1	843223.3	121.0	17.906	12.819	35.6	22.021	6.3	17.524	1.329	1.656	51.3	2.124	0.4	-0.542	0.985	-61.2	1.125
248718.4	843222.6	121.1	17.991	12.883	35.6	22.128	6.3	17.609	1.333	1.663	51.3	2.131	0.4	-0.508	0.964	-62.2	1.089
248717.7	843221.9	121.3	18.086	12.955	35.6	22.247	6.3	17.704	1.337	1.670	51.3	2.139	0.4	-0.481	0.951	-63.2	1.066
248717.0	843221.2	121.4	18.187	13.033	35.6	22.375	6.2	17.806	1.341	1.677	51.4	2.147	0.5	-0.459	0.944	-64.1	1.050
248716.3	843220.5	121.6	18.312	13.131	35.6	22.533	6.2	17.931	1.345	1.685	51.4	2.156	0.5	-0.457	0.962	-64.6	1.065
248715.6	843219.8	121.8	18.435	13.228	35.7	22.690	6.2	18.056	1.350	1.692	51.4	2.165	0.6	-0.452	0.977	-65.2	1.077
248714.9	843219.0	121.9	18.544	13.311	35.7	22.827	6.1	18.165	1.354	1.700	51.5	2.173	0.6	-0.431	0.973	-66.1	1.064
248714.2	843218.3	122.1	18.652	13.395	35.7	22.963	6.1	18.274	1.359	1.707	51.5	2.182	0.7	-0.409	0.967	-67.1	1.050
248713.5	843217.6	122.2	18.761	13.478	35.7	23.100	6.1	18.383	1.363	1.714	51.5	2.190	0.7	-0.387	0.960	-68.1	1.035
248712.8	843216.9	122.4	18.869	13.561	35.7	23.237	6.1	18.491	1.367	1.722	51.6	2.198	0.8	-0.364	0.954	-69.1	1.021
248712.1	843216.2	122.5	19.002	13.666	35.7	23.406	6.0	18.626	1.371	1.729	51.6	2.206	0.8	-0.364	0.976	-69.5	1.042
248711.4	843215.4	122.7	19.146	13.779	35.7	23.588	6.0	18.771	1.375	1.736	51.6	2.215	0.9	-0.374	1.011	-69.7	1.077
248710.7	843214.7	122.9	19.290	13.892	35.8	23.772	6.0	18.917	1.379	1.742	51.6	2.222	1.0	-0.384	1.047	-69.9	1.115
248710.1	843214.0	123.1	19.439	14.010	35.8	23.961	5.9	19.068	1.383	1.749	51.7	2.230	1.1	-0.400	1.090	-69.9	1.161
248709.4	843213.3	123.3	19.643	14.175	35.8	24.224	5.9	19.276	1.387	1.755	51.7	2.238	1.2	-0.465	1.197	-68.8	1.284
248708.7	843212.6	123.5	19.764	14.268	35.8	24.376	5.8	19.398	1.390	1.761	51.7	2.244	1.3	-0.458	1.211	-69.3	1.295
248708.0	843211.9	123.6	19.857	14.336	35.8	24.491	5.8	19.490	1.393	1.766	51.7	2.249	1.3	-0.426	1.196	-70.4	1.270
248707.3	843211.1	123.7	19.955	14.408	35.8	24.613	5.8	19.586	1.395	1.770	51.8	2.253	1.4	-0.402	1.189	-71.3	1.255
248706.6	843210.4	123.9	20.061	14.487	35.8	24.745	5.8	19.691	1.396	1.774	51.8	2.258	1.4	-0.386	1.195	-72.1	1.256
248705.9	843209.7	124.0	20.167	14.566	35.8	24.877	5.8	19.797	1.398	1.778	51.8	2.261	1.5	-0.374	1.204	-72.8	1.261
248705.2	843209.0	124.2	20.272	14.645	35.8	25.009	5.8	19.901	1.399	1.781	51.8	2.265	1.5	-0.363	1.217	-73.4	1.270
248704.5	843208.3	124.3	20.319	14.706	35.9	25.083	5.7	19.960	1.389	1.775	52.0	2.254	1.6	-0.249	1.157	-77.8	1.184
248703.8	843207.5	124.5	20.426	14.785	35.9	25.215	5.7	20.065	1.390	1.778	52.0	2.257	1.7	-0.244	1.177	-78.3	1.202
248703.1	843206.8	124.6	20.532	14.863	35.9	25.347	5.7	20.171	1.390	1.780	52.0	2.259	1.8	-0.242	1.200	-78.6	1.225
248702.4	843206.1	124.8	20.639	14.941	35.9	25.479	5.7	20.276	1.390	1.782	52.0	2.260	1.8	-0.243	1.228	-78.8	1.252
248701.7	843205.4	124.9	20.745	15.018	35.9	25.610	5.7	20.380	1.390	1.783	52.1	2.261	1.9	-0.247	1.259	-78.9	1.283
248701.0	843204.7	125.1	20.807	15.057	35.9	25.683	5.7	20.438	1.389	1.784	52.1	2.261	1.9	-0.218	1.248	-80.1	1.267
248700.3	843204.0	125.2	20.856	15.085	35.9	25.739	5.7	20.483	1.387	1.784	52.1	2.259	2.0	-0.182	1.227	-81.6	1.241
248699.6	843203.2	125.3	20.905	15.111	35.9	25.794	5.7	20.527	1.385	1.783	52.2	2.258	2.0	-0.149	1.211	-83.0	1.220
248698.9	843202.5	125.4	20.952	15.137	35.8	25.848	5.8	20.570	1.382	1.783	52.2	2.256	2.1	-0.120	1.199	-84.3	1.205
248698.2	843201.8	125.5	21.000	15.162	35.8	25.901	5.8	20.612	1.379	1.781	52.3	2.253	2.1	-0.095	1.191	-85.5	1.195
248697.5	843201.1	125.6	21.043	15.184	35.8	25.949	5.8	20.649	1.376	1.780	52.3	2.249	2.1	-0.070	1.185	-86.6	1.187
248696.8	843200.4	125.7	21.084	15.203	35.8	25.994	5.8	20.685	1.372	1.778	52.3	2.245	2.2	-0.048	1.182	-87.7	1.183
248696.1	843199.7	125.8	21.124	15.222	35.8	26.038	5.9	20.720	1.367	1.775	52.4	2.241	2.2	-0.030	1.183	-88.5	1.183
248695.4	843198.9	126.0	21.164	15.240	35.8	26.080	5.9	20.754	1.363	1.772	52.4	2.236	2.3	-0.016	1.188	-89.2	1.189
248694.7	843198.2	126.1	21.203	15.257	35.7	26.122	5.9	20.787	1.358	1.769	52.5	2.230	2.3	-0.005	1.198	-89.8	1.198
248694.0	843197.5	126.2	21.212	15.249	35.7	26.125	6.0	20.789	1.352	1.765	52.5	2.224	2.4	0.026	1.182	88.8	1.183
248693.3	843196.8	126.2	21.186	15.210	35.7	26.081	6.0	20.754	1.345	1.761	52.6	2.216	2.4	0.080	1.134	85.9	1.137
248692.7	843196.1	126.3	21.159	15.170	35.6	26.036	6.1	20.718	1.338	1.756	52.7	2.208	2.4	0.131	1.090	83.1	1.098
248692.0	843195.3	126.4	21.131	15.130	35.6	25.989	6.2	20.682	1.331	1.751	52.8	2.199	2.4	0.179	1.049	80.3	1.064
248691.3	843194.6	126.5	21.102	15.089	35.6	25.942	6.3	20.644	1.323	1.745	52.8	2.190	2.4	0.223	1.012	77.6	1.037
248690.6	843193.9	126.5	21.072	15.047	35.5	25.893	6.3	20.605	1.316	1.740	52.9	2.181	2.4	0.264	0.979	74.9	1.014
248689.9	843193.2	126.6	21.071	15.029	35.5	25.881	6.4	20.596	1.308	1.734	53.0	2.172	2.5	0.279	0.979	74.1	1.018
248689.2	843192.5	126.7	21.074	15.015	35.5	25.876	6.4	20.591	1.300	1.729	53.1	2.163	2.5	0.287	0.989	73.8	1.029
248688.5	843191.8	126.8	21.077	15.000	35.4	25.869	6.5	20.586	1.292	1.723	53.1	2.154	2.6	0.292	1.001	73.7	1.043
248687.8	843191.0	126.9	21.078	14.984	35.4	25.862	6.6	20.580	1.284	1.717	53.2	2.144	2.7	0.295	1.016	73.8	1.058
248687.1	843190.3	127.0	21.079	14.968	35.4	25.853	6.6	20.573	1.276	1.711	53.3	2.134	2.7	0.296	1.033	74.0	1.074
248686.4	843189.6	127.1	21.079	14.950	35.3	25.842	6.7	20.565	1.267	1.705	53.4	2.124	2.8	0.294	1.052	74.4	1.093
248685.7	843188.9	127.2	21.074	14.929	35.3	25.826	6.7	20.551	1.258	1.699	53.5	2.114	2.9	0.293	1.070	74.7	1.110
248685.0	843188.2	127.3	21.053	14.894	35.3	25.789	6.8	20.522	1.249	1.692	53.6	2.103	3.0	0.301	1.075	74.3	1.117
248684.3	843187.4	127.4	21.031	14.858	35.2	25.750	6.9	20.491	1.239	1.686	53.7	2.092	3.1	0.308	1.082	74.1	1.125
248683.6	843186.7	127.4	20.994	14.810	35.2	25.692	7.0	20.445	1.229	1.679	53.8	2.081	3.1	0.323	1.077	73.3	1.125
248682.9	843186.0	127.5	20.959	14.764	35.2	25.637	7.1	20.401	1.219	1.672	53.9	2.069	3.2	0.333	1.078	72.8	1.128
248682.2	843185.3	127.6	20.917	14.711	35.1	25.572	7.2	20.349	1.208	1.664	54.0	2.057	3.3	0.346	1.073	72.1	1.128
248681.5	843184.6	127.7	20.857	14.644	35.1	25.485	7.3	20.280	1.197	1.657	54.1	2.044	3.3	0.369	1.055	70.7	1.118
248680.8	843183.9	127.7	20.797	14.577	35.0	25.397	7.4	20.210	1.186	1.649	54.3	2.031	3.4	0.390	1.039	69.4	1.110

248680.1	843183.1	127.8	20.736	14.509	35.0	25.308	7.5	20.139	1.174	1.641	54.4	2.018	3.5	0.409	1.026	68.3	1.104
248679.4	843182.4	127.8	20.673	14.441	34.9	25.218	7.6	20.068	1.162	1.633	54.6	2.004	3.5	0.425	1.014	67.3	1.100
248678.7	843181.7	127.9	20.600	14.364	34.9	25.114	7.7	19.985	1.150	1.624	54.7	1.990	3.6	0.446	0.996	65.9	1.091
248678.0	843181.0	128.0	20.526	14.287	34.8	25.009	7.8	19.902	1.138	1.616	54.9	1.976	3.7	0.466	0.979	64.6	1.084
248677.3	843180.3	128.0	20.451	14.209	34.8	24.903	7.9	19.817	1.125	1.607	55.0	1.961	3.7	0.483	0.964	63.4	1.079
248676.6	843179.5	128.1	20.376	14.130	34.7	24.796	8.0	19.732	1.112	1.598	55.2	1.947	3.8	0.498	0.952	62.4	1.075
248675.9	843178.8	128.1	20.299	14.052	34.7	24.688	8.1	19.646	1.098	1.589	55.3	1.931	3.9	0.511	0.943	61.5	1.072
248675.3	843178.1	128.2	20.221	13.972	34.6	24.579	8.3	19.559	1.085	1.579	55.5	1.916	4.0	0.522	0.935	60.8	1.071
248674.6	843177.4	128.3	20.142	13.892	34.6	24.469	8.4	19.471	1.071	1.570	55.7	1.900	4.1	0.531	0.930	60.2	1.071
248673.9	843176.7	128.3	20.063	13.812	34.5	24.357	8.5	19.383	1.057	1.560	55.9	1.885	4.2	0.539	0.926	59.8	1.072
248673.2	843176.0	128.4	19.979	13.729	34.5	24.241	8.6	19.291	1.043	1.550	56.1	1.868	4.3	0.546	0.923	59.4	1.072
248672.5	843175.2	128.4	19.891	13.643	34.4	24.121	8.7	19.195	1.028	1.540	56.3	1.852	4.4	0.553	0.918	58.9	1.072
248671.8	843174.5	128.5	19.803	13.557	34.4	23.999	8.9	19.098	1.013	1.530	56.5	1.835	4.5	0.559	0.916	58.6	1.073
248671.1	843173.8	128.5	19.714	13.470	34.3	23.876	9.0	19.000	0.998	1.519	56.7	1.818	4.6	0.562	0.916	58.5	1.075
248670.4	843173.1	128.6	19.623	13.383	34.3	23.752	9.1	18.902	0.983	1.509	56.9	1.800	4.8	0.564	0.918	58.5	1.077
248669.7	843172.4	128.6	19.532	13.296	34.2	23.628	9.3	18.802	0.967	1.498	57.1	1.783	4.9	0.563	0.923	58.6	1.081
248669.0	843171.6	128.7	19.444	13.212	34.2	23.508	9.4	18.707	0.951	1.486	57.4	1.765	5.1	0.559	0.934	59.1	1.088
248668.3	843170.9	128.8	19.355	13.128	34.1	23.387	9.6	18.611	0.935	1.475	57.6	1.747	5.2	0.552	0.948	59.8	1.097
248667.6	843170.2	128.8	19.255	13.034	34.1	23.252	9.7	18.503	0.919	1.463	57.9	1.728	5.4	0.551	0.954	60.0	1.101
248666.9	843169.5	128.8	19.145	12.935	34.0	23.105	9.8	18.387	0.902	1.451	58.1	1.709	5.5	0.552	0.954	60.0	1.102
248666.2	843168.8	128.9	18.996	12.805	34.0	22.909	10.0	18.230	0.884	1.439	58.4	1.688	5.6	0.574	0.920	58.0	1.084
248665.5	843168.1	128.9	18.846	12.676	33.9	22.712	10.2	18.074	0.865	1.426	58.8	1.668	5.6	0.593	0.889	56.3	1.069
248664.8	843167.3	128.9	18.696	12.548	33.9	22.517	10.4	17.918	0.846	1.413	59.1	1.647	5.7	0.610	0.861	54.7	1.055
248664.1	843166.6	128.9	18.568	12.437	33.8	22.349	10.5	17.784	0.828	1.400	59.4	1.626	5.8	0.612	0.857	54.5	1.053
248663.4	843165.9	129.0	18.439	12.326	33.8	22.180	10.7	17.650	0.809	1.386	59.7	1.605	6.0	0.613	0.855	54.4	1.052
248662.7	843165.2	129.0	18.309	12.215	33.7	22.010	10.9	17.515	0.791	1.373	60.1	1.584	6.1	0.612	0.855	54.4	1.051
248662.0	843164.5	129.0	18.179	12.105	33.7	21.840	11.0	17.380	0.772	1.359	60.4	1.563	6.3	0.609	0.857	54.6	1.052
248661.3	843163.7	129.1	18.044	11.992	33.6	21.665	11.2	17.241	0.753	1.345	60.8	1.542	6.5	0.607	0.858	54.7	1.051
248660.6	843163.0	129.1	17.914	11.883	33.6	21.497	11.4	17.107	0.734	1.332	61.1	1.520	6.7	0.601	0.866	55.2	1.054
248659.9	843162.3	129.2	17.804	11.789	33.5	21.353	11.6	16.992	0.715	1.318	61.5	1.499	6.9	0.584	0.893	56.8	1.068
248659.2	843161.6	129.2	17.667	11.677	33.5	21.178	11.7	16.853	0.696	1.304	61.9	1.478	7.1	0.580	0.899	57.2	1.070
248658.5	843160.9	129.2	17.517	11.556	33.4	20.985	11.9	16.699	0.677	1.290	62.3	1.456	7.3	0.581	0.893	57.0	1.065
248657.9	843160.2	129.2	17.365	11.434	33.4	20.792	12.1	16.545	0.657	1.275	62.8	1.435	7.5	0.581	0.889	56.8	1.062
248657.2	843159.4	129.3	17.213	11.314	33.3	20.598	12.3	16.392	0.637	1.261	63.2	1.413	7.6	0.581	0.885	56.7	1.058
248656.5	843158.7	129.3	17.061	11.193	33.3	20.405	12.5	16.238	0.617	1.247	63.7	1.391	7.8	0.580	0.882	56.7	1.056
248655.8	843158.0	129.3	16.908	11.074	33.2	20.211	12.7	16.084	0.598	1.233	64.1	1.370	8.0	0.579	0.880	56.7	1.053
248655.1	843157.3	129.3	16.754	10.955	33.2	20.018	12.9	15.930	0.578	1.219	64.6	1.349	8.2	0.577	0.879	56.7	1.051
248654.4	843156.6	129.4	16.601	10.836	33.1	19.824	13.1	15.776	0.558	1.205	65.1	1.328	8.5	0.576	0.878	56.8	1.050
248653.7	843155.9	129.4	16.452	10.723	33.1	19.638	13.3	15.627	0.539	1.191	65.6	1.307	8.7	0.572	0.883	57.1	1.052
248653.0	843155.1	129.4	16.302	10.609	33.1	19.450	13.6	15.478	0.520	1.177	66.2	1.287	9.0	0.569	0.887	57.4	1.054
248652.3	843154.4	129.4	16.152	10.496	33.0	19.263	13.8	15.329	0.501	1.163	66.7	1.266	9.3	0.566	0.892	57.6	1.056
248651.6	843153.7	129.5	16.001	10.384	33.0	19.075	14.0	15.180	0.482	1.149	67.2	1.246	9.6	0.563	0.896	57.8	1.058
248650.9	843153.0	129.5	15.850	10.272	32.9	18.888	14.2	15.030	0.464	1.135	67.8	1.226	9.9	0.561	0.901	58.1	1.061
248650.2	843152.3	129.5	15.704	10.165	32.9	18.707	14.4	14.886	0.446	1.122	68.3	1.207	10.3	0.559	0.910	58.4	1.067
248649.5	843151.5	129.6	15.561	10.061	32.9	18.530	14.6	14.746	0.428	1.108	68.9	1.188	10.7	0.555	0.921	58.9	1.076
248648.8	843150.8	129.6	15.403	9.948	32.9	18.337	14.9	14.592	0.410	1.095	69.5	1.169	11.0	0.558	0.921	58.8	1.076
248648.1	843150.1	129.6	15.223	9.821	32.8	18.115	15.1	14.416	0.391	1.081	70.1	1.149	11.2	0.567	0.899	57.8	1.063
248647.4	843149.4	129.6	15.044	9.695	32.8	17.897	15.4	14.242	0.373	1.067	70.8	1.130	11.4	0.577	0.880	56.7	1.052
248646.7	843148.7	129.6	14.866	9.572	32.8	17.681	15.6	14.070	0.354	1.054	71.4	1.112	11.6	0.586	0.860	55.7	1.041
248646.0	843148.0	129.6	14.689	9.450	32.8	17.466	15.9	13.899	0.336	1.040	72.1	1.093	11.7	0.596	0.841	54.7	1.031
248645.3	843147.2	129.6	14.514	9.330	32.7	17.254	16.1	13.730	0.319	1.027	72.8	1.076	11.9	0.606	0.822	53.6	1.021
248644.6	843146.5	129.6	14.339	9.213	32.7	17.044	16.4	13.563	0.302	1.014	73.4	1.058	12.1	0.616	0.804	52.5	1.013
248643.9	843145.8	129.6	14.167	9.097	32.7	16.836	16.7	13.398	0.285	1.001	74.1	1.041	12.4	0.626	0.785	51.4	1.004
248643.2	843145.1	129.6	13.996	8.984	32.7	16.632	16.9	13.235	0.269	0.989	74.8	1.025	12.6	0.637	0.767	50.3	0.997
248642.5	843144.4	129.6	13.828	8.874	32.7	16.431	17.2	13.075	0.253	0.977	75.5	1.009	12.8	0.648	0.749	49.1	0.990
248641.8	843143.6	129.6	13.663	8.767	32.7	16.234	17.5	12.918	0.238	0.965	76.1	0.994	13.0	0.659	0.731	48.0	0.985
248641.1	843142.9	129.6	13.501	8.662	32.7	16.041	17.8	12.765	0.224	0.953	76.8	0.979	13.2	0.671	0.713	46.7	0.980
248640.5	843142.2	129.6	13.342	8.561	32.7	15.853	18.0	12.615	0.211	0.942	77.4	0.965	13.4	0.684	0.696	45.5	0.976
248639.8	843141.5	129.7	13.188	8.464	32.7	15.670	18.3	12.470	0.199	0.931	78.0	0.952	13.6	0.697	0.678	44.2	0.972
248639.1	843140.8	129.7	13.038	8.371	32.7	15.494	18.6	12.330	0.187	0.921	78.5	0.940	13.8	0.710	0.661	42.9	0.970
248638.4	843140.1	129.7	12.894	8.281	32.7	15.324	18.9	12.195	0.177	0.911	79.0	0.928	14.0	0.724	0.644	41.6	0.969
248637.7	843139.3	129.7	12.749	8.192	32.7	15.154	19.1	12.059	0.167	0.902	79.5	0.917	14.1	0.740	0.622	40.1	0.966
248637.0	843138.6	129.7	12.603	8.102	32.7	14.982	19.4	11.923	0.157	0.893	80.0	0.907	14.1	0.756	0.593	38.1	0.961
248636.3	843137.9	129.6	12.464	8.018	32.8	14.820	19.7	11.793	0.148	0.885	80.5	0.897	14.1	0.772	0.565	36.2	0.957
248635.6	843137.2	129.7	12.353	7.952	32.8	14.691	19.9	11.691	0.143	0.878	80.7	0.889	14.4	0.788	0.554	35.1	0.963
248634.9	843136.5	129.7	12.294	7.920	32.8	14.624	20.2	11.638	0.144	0.871	80.6	0.883	15.3	0.802	0.582	36.0	0.991
248634.2	843135.7	129.8	12.243	7.894	32.8	14.567	20.4	11.592	0.147	0.866	80.3	0.879	16.2	0.817	0.611	36.8	1.020
248633.5	843135.0	129.8	12.208	7.877	32.8	14.528	20.6	11.561	0.152	0.861	80.0	0.875	17.1	0.833	0.644	37.7	1.053
248632.8	843134.3	129.8	12.150	7.845	32.9	14.462	20.8	11.509	0.154	0.857	79.8	0.871	17.7	0.852	0.650	37.3	1.072
248632.1	843133.6	129.9	12.108	7.823	32.9	14.415	20.9	11.471	0.157	0.854	79.6	0.868	18.3	0.872	0.662	37.2	1.094
248631.4	843132.9	129.9	12.071	7.803	32.9	14.373	21.1	11.438	0.160	0.852	79.3	0.867	18.8	0.892	0.669	36.9	1.115

Max BF along centerline is 26.650 (uT) at 42.000 (m) from structure [redacted]-6

Cross section results at max BF along centerline between structures [redacted]-6 and [redacted]-7





3D EMF Point Results Span from [redacted]-6 to [redacted]-7:

Measurement			B					H	EF					Space Potential				
X (m)	Y (m)	Z (m)	Real (uT)	Imaginary (uT)	Angle (deg)	Magnitude (uT)	Polarization Axial Ratio %	Magnitude (A/m)	Real (kV/m)	Imaginary (kV/m)	Angle (deg)	Magnitude (kV/m)	Polarization Axial Ratio %	Real (kV)	Imaginary (kV)	Angle (deg)	Magnitude (kV)	
248819.8	843305.4	118.9	12.281	7.857	32.6	14.580	4.0	11.602	0.154	0.222	55.3	0.270	27.0	-0.475	0.040	-4.8	0.477	
248819.1	843306.1	118.8	12.596	8.119	32.8	14.986	3.6	11.926	0.195	0.269	54.1	0.332	22.5	-0.592	0.091	-8.7	0.598	
248818.4	843306.8	118.8	12.992	8.450	33.0	15.498	3.3	12.333	0.243	0.321	52.9	0.403	19.5	-0.743	0.190	-14.3	0.767	
248817.6	843307.5	118.7	13.368	8.770	33.3	15.988	3.0	12.723	0.295	0.380	52.2	0.481	16.8	-0.894	0.265	-16.5	0.932	
248816.9	843308.2	118.7	13.853	9.185	33.5	16.621	2.7	13.226	0.355	0.444	51.4	0.569	14.9	-1.105	0.420	-20.8	1.182	
248816.2	843308.9	118.7	14.321	9.595	33.8	17.239	2.4	13.718	0.421	0.518	50.9	0.667	13.0	-1.314	0.556	-22.9	1.427	
248815.5	843309.6	118.6	14.829	10.049	34.1	17.913	2.1	14.255	0.494	0.600	50.5	0.777	11.5	-1.551	0.720	-24.9	1.710	
248814.8	843310.3	118.6	15.367	10.539	34.4	18.634	1.8	14.828	0.575	0.692	50.3	0.900	10.1	-1.812	0.905	-26.5	2.025	
248814.1	843311.0	118.6	15.942	11.075	34.8	19.411	1.4	15.447	0.664	0.796	50.2	1.037	8.8	-2.101	1.121	-28.1	2.381	

248813.3	843311.7	118.5	16.548	11.654	35.2	20.240	1.0	16.107	0.763	0.912	50.1	1.189	7.7	-2.418	1.367	-29.5	2.778
248812.6	843312.4	118.5	17.183	12.276	35.5	21.118	0.6	16.805	0.872	1.041	50.1	1.358	6.7	-2.761	1.642	-30.7	3.212
248811.9	843313.0	118.5	17.855	12.950	36.0	22.057	0.3	17.552	0.990	1.185	50.1	1.544	5.9	-3.138	1.960	-32.0	3.700
248811.2	843313.7	118.6	18.623	13.730	36.4	23.137	0.6	18.412	1.120	1.344	50.2	1.749	5.1	-3.605	2.390	-33.5	4.325
248810.5	843314.4	118.6	19.432	14.575	36.9	24.290	1.1	19.330	1.260	1.518	50.3	1.973	4.4	-4.119	2.881	-35.0	5.026
248809.7	843315.1	118.6	20.193	15.405	37.3	25.398	1.7	20.211	1.408	1.705	50.5	2.211	3.9	-4.605	3.341	-36.0	5.689
248809.0	843315.8	118.6	20.894	16.206	37.8	26.442	2.5	21.042	1.560	1.903	50.6	2.461	3.4	-5.053	3.758	-36.6	6.298
248808.3	843316.5	118.5	21.573	17.010	38.3	27.473	3.4	21.862	1.718	2.108	50.8	2.719	3.1	-5.502	4.181	-37.2	6.911
248807.6	843317.2	118.5	22.209	17.798	38.7	28.461	4.3	22.649	1.876	2.315	51.0	2.979	2.8	-5.940	4.593	-37.7	7.509
248806.9	843317.9	118.4	22.655	18.417	39.1	29.197	5.4	23.234	2.027	2.513	51.1	3.228	2.7	-6.236	4.827	-37.7	7.886
248806.2	843318.6	118.3	22.984	18.932	39.5	29.777	6.6	23.696	2.168	2.694	51.2	3.458	2.6	-6.464	4.973	-37.6	8.156
248805.4	843319.3	118.2	23.100	19.236	39.8	30.060	7.9	23.921	2.291	2.847	51.2	3.655	2.6	-6.537	4.921	-37.0	8.182
248804.7	843320.0	118.0	22.932	19.245	40.0	29.937	9.3	23.823	2.389	2.959	51.1	3.803	2.6	-6.384	4.582	-35.7	7.859
248804.0	843320.7	117.7	22.565	19.036	40.2	29.522	10.7	23.493	2.461	3.025	50.9	3.900	2.5	-6.083	4.057	-33.7	7.312
248803.3	843321.4	117.4	21.770	18.358	40.1	28.477	12.2	22.661	2.496	3.033	50.5	3.929	2.4	-5.368	3.031	-29.4	6.165
248802.6	843322.1	117.0	20.806	17.485	40.0	27.178	13.7	21.627	2.503	2.994	50.1	3.903	2.1	-4.483	1.825	-22.2	4.841
248801.8	843322.8	116.6	19.826	16.580	39.9	25.845	15.1	20.567	2.486	2.915	49.5	3.831	1.6	-3.596	0.660	-10.4	3.656
248801.1	843323.5	116.2	18.679	15.485	39.7	24.263	16.5	19.308	2.443	2.797	48.9	3.713	0.9	-2.498	-0.691	15.5	2.591
248800.4	843324.2	115.7	17.440	14.285	39.3	22.544	17.8	17.940	2.379	2.653	48.1	3.563	0.3	-1.249	-2.132	59.6	2.470
248799.7	843324.9	115.3	16.467	13.362	39.1	21.206	19.0	16.875	2.297	2.481	47.2	3.381	1.3	-0.406	-3.027	82.4	3.054
248799.0	843325.6	115.0	15.607	12.554	38.8	20.030	20.2	15.939	2.196	2.286	46.1	3.170	2.4	0.220	-3.611	-86.5	3.618
248798.3	843326.3	114.6	14.639	11.632	38.5	18.698	21.2	14.879	2.084	2.085	45.0	2.948	4.0	1.014	-4.286	-76.7	4.405

Centerline results between structures [redacted]-7 and [redacted]-8

3D EMF Point Results Centerline from [redacted]-7 to [redacted]-8:

Measurement			B					H	EF					Space Potential			
X (m)	Y (m)	Z (m)	Real (uT)	Imaginary (uT)	Angle (deg)	Magnitude (uT)	Polarization Axial Ratio %	Magnitude (A/m)	Real (kV/m)	Imaginary (kV/m)	Angle (deg)	Magnitude (kV/m)	Polarization Axial Ratio %	Real (kV)	Imaginary (kV)	Angle (deg)	Magnitude (kV)
248630.5	843132.0	129.9	12.042	7.789	32.9	14.341	21.3	11.412	0.165	0.850	79.0	0.865	19.5	0.918	0.681	36.6	1.143
248629.8	843131.2	129.9	11.984	7.754	32.9	14.274	21.4	11.359	0.164	0.848	79.1	0.864	19.3	0.938	0.651	34.8	1.142
248629.1	843130.5	129.9	11.986	7.757	32.9	14.277	21.5	11.361	0.169	0.848	78.8	0.865	19.9	0.959	0.663	34.7	1.166
248628.4	843129.8	130.0	12.026	7.783	32.9	14.325	21.6	11.399	0.177	0.849	78.2	0.868	20.8	0.980	0.700	35.5	1.204
248627.7	843129.1	129.9	11.955	7.736	32.9	14.240	21.7	11.332	0.171	0.850	78.6	0.867	19.9	0.998	0.635	32.5	1.183
248627.0	843128.4	129.9	12.000	7.764	32.9	14.293	21.7	11.374	0.177	0.852	78.2	0.870	20.7	1.019	0.660	32.9	1.214
248626.3	843127.7	130.0	12.067	7.806	32.9	14.372	21.7	11.437	0.186	0.854	77.7	0.874	21.6	1.040	0.698	33.9	1.253
248625.6	843126.9	130.0	12.138	7.849	32.9	14.454	21.7	11.502	0.194	0.857	77.3	0.879	22.4	1.061	0.732	34.6	1.289
248625.0	843126.2	129.9	12.150	7.853	32.9	14.467	21.7	11.512	0.194	0.860	77.3	0.882	22.3	1.079	0.712	33.4	1.293
248624.3	843125.5	129.9	12.169	7.861	32.9	14.487	21.7	11.529	0.194	0.863	77.4	0.885	22.1	1.096	0.694	32.3	1.297
248623.6	843124.8	129.9	12.197	7.874	32.8	14.518	21.7	11.553	0.194	0.867	77.4	0.888	22.1	1.112	0.679	31.4	1.303
248622.9	843124.1	129.8	12.232	7.892	32.8	14.557	21.7	11.584	0.194	0.870	77.4	0.892	22.0	1.128	0.667	30.6	1.310
248622.2	843123.3	129.8	12.275	7.913	32.8	14.604	21.6	11.622	0.195	0.874	77.4	0.895	22.0	1.143	0.658	29.9	1.319
248621.5	843122.6	129.7	12.325	7.940	32.8	14.662	21.6	11.667	0.197	0.877	77.3	0.899	22.1	1.158	0.655	29.5	1.331
248620.8	843121.9	129.7	12.399	7.982	32.8	14.746	21.5	11.734	0.201	0.881	77.1	0.904	22.5	1.173	0.669	29.7	1.351
248620.1	843121.2	129.7	12.485	8.032	32.8	14.845	21.5	11.814	0.207	0.885	76.9	0.909	23.0	1.188	0.694	30.3	1.376
248619.4	843120.5	129.7	12.546	8.065	32.7	14.915	21.4	11.869	0.209	0.888	76.8	0.912	23.2	1.201	0.698	30.1	1.389
248618.7	843119.8	129.6	12.581	8.081	32.7	14.953	21.4	11.899	0.208	0.891	76.9	0.915	23.0	1.212	0.681	29.3	1.390
248618.0	843119.0	129.5	12.618	8.100	32.7	14.994	21.3	11.932	0.208	0.894	76.9	0.918	22.9	1.222	0.668	28.7	1.392
248617.3	843118.3	129.4	12.648	8.113	32.7	15.027	21.3	11.958	0.206	0.896	77.0	0.920	22.7	1.231	0.651	27.9	1.392
248616.6	843117.6	129.4	12.679	8.128	32.7	15.061	21.2	11.985	0.205	0.899	77.1	0.922	22.5	1.239	0.637	27.2	1.393
248615.9	843116.9	129.3	12.711	8.144	32.6	15.096	21.2	12.013	0.205	0.901	77.2	0.924	22.4	1.247	0.625	26.6	1.395
248615.2	843116.2	129.2	12.744	8.160	32.6	15.133	21.1	12.042	0.205	0.902	77.2	0.925	22.3	1.253	0.617	26.2	1.397
248614.5	843115.4	129.1	12.740	8.153	32.6	15.125	21.1	12.036	0.200	0.903	77.5	0.925	21.8	1.258	0.582	24.8	1.386
248613.8	843114.7	129.0	12.735	8.146	32.6	15.117	21.1	12.030	0.196	0.904	77.8	0.925	21.3	1.262	0.549	23.5	1.376
248613.1	843114.0	128.9	12.730	8.139	32.6	15.110	21.0	12.024	0.192	0.905	78.0	0.925	20.8	1.265	0.519	22.3	1.367
248612.4	843113.3	128.8	12.725	8.132	32.6	15.102	21.0	12.018	0.189	0.905	78.2	0.925	20.4	1.267	0.491	21.2	1.359
248611.7	843112.6	128.6	12.720	8.125	32.6	15.094	21.0	12.011	0.185	0.905	78.4	0.924	20.0	1.269	0.466	20.2	1.352
248611.0	843111.9	128.5	12.715	8.118	32.6	15.086	21.0	12.005	0.182	0.905	78.6	0.923	19.7	1.271	0.443	19.2	1.346
248610.3	843111.1	128.4	12.707	8.110	32.5	15.074	21.0	11.996	0.179	0.905	78.8	0.922	19.3	1.272	0.421	18.3	1.339
248609.6	843110.4	128.3	12.697	8.101	32.5	15.061	20.9	11.985	0.177	0.904	79.0	0.921	19.0	1.272	0.399	17.4	1.333
248608.9	843109.7	128.2	12.692	8.095	32.5	15.054	20.9	11.979	0.174	0.904	79.1	0.920	18.7	1.272	0.384	16.8	1.329
248608.2	843109.0	128.1	12.669	8.078	32.5	15.025	20.9	11.957	0.170	0.903	79.3	0.919	18.3	1.271	0.356	15.7	1.320
248607.6	843108.3	128.0	12.665	8.073	32.5	15.020	20.9	11.952	0.169	0.902	79.4	0.918	18.1	1.271	0.346	15.2	1.317
248606.9	843107.5	127.9	12.665	8.071	32.5	15.018	20.9	11.951	0.168	0.901	79.4	0.917	18.0	1.271	0.341	15.0	1.316
248606.2	843106.8	127.7	12.664	8.068	32.5	15.016	20.9	11.949	0.168	0.900	79.5	0.916	17.9	1.270	0.336	14.8	1.314
248605.5	843106.1	127.6	12.662	8.065	32.5	15.012	20.9	11.946	0.167	0.899	79.5	0.915	17.9	1.270	0.332	14.7	1.312
248604.8	843105.4	127.5	12.659	8.062	32.5	15.008	20.9	11.943	0.166	0.898	79.5	0.914	17.8	1.269	0.329	14.6	1.311
248604.1	843104.7	127.4	12.655	8.058	32.5	15.003	20.9	11.939	0.166	0.897	79.5	0.913	17.8	1.268	0.327	14.5	1.310
248603.4	843104.0	127.3	12.651	8.054	32.5	14.997	20.8	11.934	0.165	0.896	79.5	0.911	17.8	1.267	0.325	14.4	1.308
248602.7	843103.2	127.2	12.646	8.049	32.5	14.990	20.8	11.929	0.165	0.895	79.6	0.910	17.7	1.266	0.324	14.3	1.307
248602.0	843102.5	127.1	12.639	8.044	32.5	14.982	20.8	11.922	0.165	0.894	79.6	0.909	17.7	1.265	0.323	14.3	1.306
248601.3	843101.8	127.0	12.632	8.038	32.5	14.973	20.8	11.915	0.164	0.893	79.6	0.908	17.7	1.264	0.322	14.3	1.305
248600.6	843101.1	126.9	12.620	8.029	32.5	14.958	20.8	11.903	0.164	0.892	79.6	0.907	17.6	1.263	0.317	14.1	1.302
248599.9	843100.4	126.8	12.621	8.029	32.5	14.958	20.8	11.903	0.164	0.891	79.5	0.907	17.7	1.263	0.324	14.4	1.304
248599.2	843099.6	126.7	12.608	8.020	32.5	14.943	20.8	11.891	0.164	0.890	79.6	0.905	17.7	1.261	0.321	14.3	1.302
248598.5	843098.9	126.6	12.592	8.009	32.5	14.923	20.8	11.876	0.163	0.889	79.6	0.904	17.6	1.260	0.316	14.1	1.299
248597.8	843098.2	126.5	12.576	7.998	32.5	14.903	20.8	11.860	0.162	0.888	79.7	0.903	17.5	1.259	0.312	13.9	1.297
248597.1	843097.5	126.4	12.558	7.986	32.5	14.883	20.8	11.843	0.161	0.887	79.7	0.902	17.4	1.257	0.307	13.7	1.294
248596.4	843096.8	126.3	12.540	7.974	32.5	14.861	20.8	11.826	0.160	0.886	79.7	0.901	17.3	1.256	0.302	13.5	1.291
248595.7	843096.1	126.2	12.521	7.961	32.4	14.838	20.8	11.808	0.160	0.885	79.8	0.900	17.2	1.254	0.298	13.4	1.289
248595.0	843095.3	126.0	12.500	7.947	32.4	14.813	20.8	11.788	0.159	0.884	79.8	0.898	17.1	1.252	0.292	13.1	1.285
248594.3	843094.6	125.9	12.477	7.932	32.4	14.785	20.9	11.765	0.157	0.883	79.9	0.897	17.0	1.249	0.285	12.9	1.282

248593.6	843093.9	125.8	12.453	7.916	32.4	14.756	20.9	11.743	0.156	0.882	80.0	0.895	16.8	1.247	0.279	12.6	1.278
248592.9	843093.2	125.7	12.429	7.900	32.4	14.727	20.9	11.719	0.155	0.881	80.0	0.894	16.7	1.244	0.272	12.3	1.274
248592.2	843092.5	125.6	12.403	7.883	32.4	14.696	20.9	11.695	0.154	0.879	80.1	0.893	16.6	1.241	0.265	12.1	1.269
248591.5	843091.8	125.5	12.377	7.866	32.4	14.665	20.9	11.670	0.153	0.878	80.1	0.891	16.4	1.238	0.258	11.8	1.265
248590.8	843091.0	125.4	12.350	7.849	32.4	14.633	20.9	11.645	0.151	0.877	80.2	0.889	16.3	1.235	0.251	11.5	1.260
248590.2	843090.3	125.3	12.321	7.830	32.4	14.598	20.9	11.617	0.150	0.875	80.3	0.888	16.1	1.231	0.243	11.2	1.255
248589.5	843089.6	125.2	12.299	7.816	32.4	14.572	20.9	11.596	0.149	0.874	80.3	0.886	16.1	1.228	0.241	11.1	1.251
248588.8	843088.9	125.0	12.276	7.801	32.4	14.545	20.9	11.575	0.149	0.872	80.3	0.885	16.0	1.224	0.238	11.0	1.247
248588.1	843088.2	124.9	12.253	7.786	32.4	14.517	20.9	11.552	0.148	0.871	80.4	0.883	15.9	1.220	0.236	10.9	1.243
248587.4	843087.4	124.8	12.228	7.770	32.4	14.488	21.0	11.529	0.147	0.869	80.4	0.882	15.8	1.216	0.233	10.8	1.238
248586.7	843086.7	124.7	12.203	7.754	32.4	14.458	21.0	11.506	0.146	0.868	80.4	0.880	15.7	1.212	0.230	10.7	1.234
248586.0	843086.0	124.6	12.178	7.738	32.4	14.428	21.0	11.481	0.145	0.866	80.5	0.879	15.6	1.208	0.226	10.6	1.229
248585.3	843085.3	124.5	12.151	7.721	32.4	14.397	21.0	11.456	0.144	0.865	80.5	0.877	15.5	1.203	0.222	10.5	1.223
248584.6	843084.6	124.4	12.124	7.703	32.4	14.364	21.0	11.431	0.143	0.863	80.6	0.875	15.4	1.198	0.218	10.3	1.218
248583.9	843083.9	124.3	12.097	7.685	32.4	14.332	21.0	11.405	0.142	0.862	80.6	0.874	15.3	1.193	0.213	10.1	1.212
248583.2	843083.1	124.2	12.068	7.667	32.4	14.298	21.0	11.378	0.141	0.861	80.7	0.872	15.1	1.188	0.207	9.9	1.206
248582.5	843082.4	124.1	12.039	7.649	32.4	14.263	21.0	11.350	0.140	0.859	80.7	0.870	15.0	1.183	0.201	9.7	1.200
248581.8	843081.7	124.0	12.009	7.630	32.4	14.228	21.1	11.322	0.139	0.858	80.8	0.869	14.8	1.178	0.195	9.4	1.194
248581.1	843081.0	123.9	11.979	7.610	32.4	14.192	21.1	11.294	0.137	0.856	80.9	0.867	14.6	1.172	0.188	9.1	1.187
248580.4	843080.3	123.8	11.948	7.591	32.4	14.155	21.1	11.264	0.136	0.855	81.0	0.865	14.4	1.167	0.180	8.8	1.181
248579.7	843079.5	123.7	11.917	7.570	32.4	14.118	21.1	11.235	0.134	0.853	81.0	0.864	14.2	1.161	0.171	8.4	1.173
248579.0	843078.8	123.6	11.884	7.550	32.4	14.080	21.1	11.204	0.133	0.852	81.1	0.862	14.0	1.155	0.162	8.0	1.166
248578.3	843078.1	123.5	11.852	7.529	32.4	14.041	21.1	11.173	0.131	0.850	81.2	0.860	13.8	1.148	0.152	7.5	1.158
248577.6	843077.4	123.3	11.818	7.508	32.4	14.001	21.1	11.142	0.129	0.849	81.3	0.859	13.5	1.142	0.141	7.0	1.151
248576.9	843076.7	123.2	11.759	7.470	32.4	13.931	21.2	11.086	0.125	0.847	81.6	0.857	12.9	1.133	0.109	5.5	1.139
248576.2	843076.0	123.2	11.782	7.485	32.4	13.959	21.2	11.108	0.129	0.847	81.4	0.856	13.5	1.130	0.144	7.2	1.139
248575.5	843075.2	123.1	11.818	7.508	32.4	14.002	21.2	11.142	0.134	0.846	81.0	0.856	14.2	1.127	0.188	9.5	1.143
248574.8	843074.5	123.1	11.854	7.531	32.4	14.044	21.1	11.175	0.139	0.845	80.7	0.856	14.9	1.124	0.231	11.6	1.147
248574.1	843073.8	123.1	11.903	7.562	32.4	14.102	21.1	11.222	0.146	0.845	80.2	0.857	15.8	1.121	0.285	14.3	1.157
248573.4	843073.1	122.9	11.825	7.513	32.4	14.010	21.2	11.149	0.139	0.843	80.7	0.854	14.9	1.110	0.236	12.0	1.135
248572.7	843072.4	122.8	11.735	7.455	32.4	13.902	21.2	11.063	0.131	0.841	81.2	0.851	13.7	1.097	0.176	9.1	1.111
248572.1	843071.6	122.6	11.645	7.398	32.4	13.796	21.2	10.979	0.123	0.839	81.7	0.848	12.6	1.084	0.115	6.1	1.090
248571.4	843070.9	122.5	11.573	7.352	32.4	13.711	21.3	10.911	0.117	0.838	82.1	0.846	11.6	1.072	0.068	3.6	1.074
248570.7	843070.2	122.4	11.555	7.340	32.4	13.690	21.3	10.894	0.116	0.837	82.1	0.845	11.5	1.062	0.064	3.4	1.064
248570.0	843069.5	122.3	11.537	7.329	32.4	13.668	21.3	10.876	0.115	0.836	82.2	0.844	11.3	1.052	0.059	3.2	1.054
248569.3	843068.8	122.2	11.517	7.316	32.4	13.645	21.3	10.858	0.114	0.835	82.2	0.843	11.1	1.042	0.052	2.8	1.043
248568.6	843068.1	122.1	11.497	7.304	32.4	13.621	21.3	10.839	0.113	0.834	82.3	0.842	10.9	1.030	0.043	2.4	1.031
248567.9	843067.3	122.1	11.486	7.297	32.4	13.608	21.3	10.829	0.112	0.834	82.3	0.841	10.7	1.019	0.041	2.3	1.020
248567.2	843066.6	122.0	11.507	7.310	32.4	13.633	21.3	10.849	0.115	0.833	82.2	0.841	11.0	1.009	0.063	3.6	1.011
248566.5	843065.9	122.0	11.530	7.325	32.4	13.660	21.3	10.871	0.117	0.833	82.0	0.841	11.3	0.999	0.087	4.9	1.003
248565.8	843065.2	121.9	11.553	7.340	32.4	13.687	21.3	10.892	0.119	0.833	81.9	0.842	11.6	0.989	0.108	6.2	0.994
248565.1	843064.5	121.9	11.575	7.354	32.4	13.713	21.3	10.913	0.121	0.833	81.7	0.842	11.8	0.977	0.126	7.4	0.985
248564.4	843063.7	121.8	11.538	7.331	32.4	13.670	21.3	10.878	0.117	0.833	82.0	0.841	11.1	0.961	0.096	5.7	0.966
248563.7	843063.0	121.7	11.491	7.301	32.4	13.614	21.3	10.834	0.113	0.832	82.3	0.840	10.2	0.943	0.054	3.3	0.945
248563.0	843062.3	121.6	11.444	7.270	32.4	13.558	21.4	10.789	0.109	0.832	82.6	0.839	9.3	0.925	0.011	0.7	0.925
248562.3	843061.6	121.5	11.412	7.250	32.4	13.520	21.4	10.759	0.106	0.832	82.7	0.839	8.6	0.907	-0.022	-1.4	0.907
248561.6	843060.9	121.5	11.439	7.268	32.4	13.552	21.4	10.784	0.107	0.833	82.7	0.840	8.7	0.893	-0.008	-0.5	0.893
248560.9	843060.2	121.4	11.469	7.287	32.4	13.588	21.4	10.813	0.109	0.834	82.6	0.841	8.7	0.879	0.006	0.4	0.879
248560.2	843059.4	121.4	11.498	7.306	32.4	13.623	21.4	10.841	0.110	0.835	82.5	0.842	8.7	0.865	0.018	1.2	0.866
248559.5	843058.7	121.4	11.529	7.326	32.4	13.660	21.3	10.870	0.111	0.836	82.4	0.844	8.7	0.852	0.028	1.9	0.852
248558.8	843058.0	121.4	11.628	7.390	32.4	13.778	21.3	10.964	0.117	0.838	82.1	0.846	9.6	0.843	0.091	6.2	0.848
248558.1	843057.3	121.5	11.728	7.454	32.4	13.896	21.3	11.058	0.123	0.841	81.7	0.849	10.5	0.835	0.151	10.3	0.849
248557.4	843056.6	121.5	11.828	7.518	32.4	14.015	21.2	11.153	0.128	0.843	81.3	0.853	11.4	0.828	0.209	14.1	0.854
248556.7	843055.8	121.5	11.926	7.581	32.4	14.131	21.2	11.245	0.134	0.846	81.0	0.856	12.1	0.820	0.261	17.6	0.861
248556.0	843055.1	121.6	11.987	7.620	32.4	14.204	21.2	11.303	0.136	0.848	80.9	0.859	12.3	0.810	0.280	19.1	0.857
248555.3	843054.4	121.5	12.020	7.642	32.4	14.244	21.2	11.335	0.135	0.851	81.0	0.862	12.0	0.798	0.275	19.0	0.844
248554.7	843053.7	121.5	12.050	7.661	32.4	14.279	21.2	11.363	0.134	0.854	81.1	0.864	11.6	0.786	0.264	18.6	0.830
248554.0	843053.0	121.5	12.120	7.706	32.4	14.362	21.1	11.429	0.136	0.857	81.0	0.868	11.8	0.779	0.282	19.9	0.828
248553.3	843052.3	121.6	12.213	7.765	32.5	14.472	21.1	11.517	0.139	0.861	80.8	0.872	12.2	0.774	0.313	22.0	0.835
248552.6	843051.5	121.6	12.305	7.825	32.5	14.583	21.1	11.605	0.142	0.865	80.7	0.876	12.6	0.770	0.342	23.9	0.843
248551.9	843050.8	121.6	12.399	7.885	32.5	14.694	21.0	11.693	0.145	0.869	80.5	0.881	12.9	0.767	0.367	25.5	0.851
248551.2	843050.1	121.7	12.496	7.948	32.5	14.810	21.0	11.785	0.148	0.873	80.4	0.886	13.3	0.766	0.392	27.1	0.860
248550.5	843049.4	121.7	12.568	7.994	32.5	14.895	21.0	11.853	0.148	0.878	80.5	0.890	13.2	0.763	0.393	27.2	0.858
248549.8	843048.7	121.7	12.615	8.024	32.5	14.951	20.9	11.898	0.145	0.882	80.7	0.894	12.7	0.760	0.371	26.0	0.846
248549.1	843048.0	121.7	12.653	8.049	32.5	14.996	20.9	11.934	0.142	0.887	80.9	0.898	12.0	0.757	0.340	24.2	0.829
248548.4	843047.2	121.7	12.702	8.080	32.5	15.054	20.9	11.980	0.139	0.892	81.2	0.903	11.5	0.756	0.312	22.5	0.818
248547.7	843046.5	121.7	12.783	8.132	32.5	15.150	20.9	12.056	0.138	0.897	81.3	0.908	11.3	0.758	0.305	21.9	0.817
248547.0	843045.8	121.7	12.863	8.184	32.5	15.246	20.9	12.132	0.137	0.903	81.4	0.914	11.1	0.762	0.294	21.1	0.817
248546.3	843045.1	121.7	12.943	8.235	32.5	15.341	20.8	12.208	0.135	0.909	81.5	0.919	10.9	0.768	0.279	20.0	0.817
248545.6	843044.4	121.8	13.024	8.287	32.5	15.436	20.8	12.284	0.133	0.916	81.7	0.925	10.5	0.774	0.259	18.5	0.816
248544.9	843043.6	121.8	13.104	8.338	32.5	15.532	20.8	12.360	0.131	0.923	81.9	0.932	10.1	0.782	0.235	16.7	0.817
248544.2	843042.9	121.8	13.184	8.390	32.5	15.627	20.7	12.436	0.128	0.930	82.1	0.938	9.7	0.791	0.207	14.7	0.817
248543.5	843042.2	121.9	13.319	8.477	32.5	15.788	20.7	12.564	0.130	0.937	82.1	0.946	10.0	0.805	0.216	15.0	0.834
248542.8	843041.5	122.0	13.460	8.567	32.5	15.956	20.6	12.697	0.131	0.946	82.1	0.955	10.3	0.821	0.224	15.3	0.851
248542.1	843040.8	122.0	13.601	8.658	32.5	16.123	20.6	12.830	0.132	0.954	82.1	0.963	10.5	0.837	0.228	15.2	0.867
248541.4	843040.1	122.1	13.742	8.748	32.5	16.291	20.5	12.964	0.133	0.963	82.1	0.972	10.6	0.854	0.227	14.9	0.884
248540.7	843039.3	122.2	13.885	8.840	32.5	16.460	20.5	13.099	0.133	0.972	82.2	0.981	10.7	0.872	0.222	14.3	0.900
248540.0	843038.6	122.2	14.029	8.932	32.5	16.631	20.4	13.235	0.133	0.982	82.3	0.991	10.7	0.890	0.214	13.5	0.915
248539.3	843037.9	122.3	14.174	9.025	32.5	16.803	20.3	13.371	0.133	0.992	82.4	1.001	10.7	0.909	0.201	12.5	0.931
248538.6	843037.2	122.4	14.319	9.119	32.5	16.976	20.3	13.509	0.132	1.002	82.5	1.011	10.6	0.928	0.185	11.3	0.946
248537.9	843036.5	122.5	14.466	9.213	32.5	17.151	20.2	13.648	0.131	1.012	82.6	1.021	10.5	0.948	0.165	9.9	0.962
248537.3	843035.7	122.5	14.614	9.308	32.5	17.327	20.2	13.788	0.130	1.023	82.8	1.032	10.3	0.967	0.142	8.3	0.977
248536.6	843035.0	122.6	14.764	9.404	32.5	17.504	20.1	13.929	0.128	1.034	83.0	1.042	10.1	0.987	0.115	6.6	0.993
248535.9	843034.3	122.7	14.961	9.530	32.5	17.738	20.0	14.116	0.130	1.046	82.9	1.054	10.4	1.009	0.118	6.7	1.016
248535.2	843033.6	122.9	15.204	9.686	32.5	18.027	19.9	14.345	0.137	1.059	82.6	1.067	11.2	1.033	0.150	8.2	1.044
248534.5	843032.9	123.0	15.451	9.844	32.5	18.321	19.8	14.579	0.144	1.071	82.3	1.081	12.0	1.057	0.180	9.7	1.072
248533.8	843032.2	123.1	15.703	10.006	32.5	18.620	19.7	14.817	0.152	1.084	82.0	1.095	12.7	1.080	0.209	11.0	1.100

248533.1	843031.4	123.3	15.959	10.170	32.5	18.924	19.6	15.059	0.160	1.097	81.7	1.109	13.5	1.102	0.238	12.2	1.127
248532.4	843030.7	123.4	16.219	10.336	32.5	19.233	19.5	15.305	0.168	1.110	81.4	1.123	14.2	1.123	0.266	13.3	1.154
248531.7	843030.0	123.5	16.484	10.506	32.5	19.547	19.4	15.555	0.176	1.123	81.1	1.137	14.9	1.143	0.294	14.4	1.180
248531.0	843029.3	123.7	16.753	10.679	32.5	19.867	19.3	15.810	0.184	1.137	80.8	1.151	15.5	1.162	0.322	15.5	1.206
248530.3	843028.6	123.8	17.024	10.852	32.5	20.188	19.1	16.065	0.193	1.150	80.5	1.166	16.2	1.180	0.348	16.4	1.230
248529.6	843027.8	123.9	17.294	11.025	32.5	20.509	19.0	16.321	0.201	1.163	80.2	1.180	16.8	1.197	0.373	17.3	1.253
248528.9	843027.1	124.1	17.650	11.253	32.5	20.931	18.9	16.657	0.219	1.177	79.5	1.197	18.2	1.214	0.451	20.4	1.295
248528.2	843026.4	124.2	17.896	11.411	32.5	21.225	18.8	16.890	0.224	1.190	79.3	1.211	18.5	1.227	0.457	20.4	1.309
248527.5	843025.7	124.3	18.067	11.520	32.5	21.428	18.7	17.051	0.220	1.201	79.6	1.222	18.0	1.235	0.415	18.6	1.303
248526.8	843025.0	124.4	18.313	11.677	32.5	21.719	18.6	17.283	0.225	1.214	79.5	1.234	18.3	1.245	0.420	18.6	1.313
248526.1	843024.3	124.6	18.656	11.881	32.5	22.118	18.4	17.601	0.242	1.224	78.8	1.247	19.6	1.258	0.491	21.3	1.350
248525.4	843023.5	124.7	19.007	12.105	32.5	22.535	18.3	17.932	0.259	1.236	78.2	1.263	20.8	1.267	0.562	23.9	1.386
248524.7	843022.8	124.9	19.355	12.327	32.5	22.947	18.1	18.261	0.276	1.249	77.5	1.279	22.0	1.275	0.631	26.3	1.423
248524.0	843022.1	125.0	19.709	12.554	32.5	23.367	18.0	18.595	0.293	1.261	76.9	1.294	23.2	1.281	0.704	28.8	1.462
248523.3	843021.4	125.2	19.990	12.734	32.5	23.702	17.9	18.861	0.303	1.272	76.6	1.307	23.7	1.284	0.735	29.8	1.480
248522.6	843020.7	125.2	20.210	12.875	32.5	23.962	17.8	19.069	0.305	1.281	76.6	1.317	23.7	1.285	0.730	29.6	1.478
248521.9	843019.9	125.3	20.432	13.017	32.5	24.227	17.7	19.279	0.307	1.291	76.6	1.327	23.8	1.284	0.730	29.6	1.477
248521.2	843019.2	125.5	20.855	13.288	32.5	24.728	17.5	19.678	0.333	1.302	75.6	1.344	25.6	1.288	0.848	33.4	1.542
248520.5	843018.5	125.7	21.345	13.601	32.5	25.310	17.3	20.141	0.367	1.314	74.4	1.364	27.9	1.292	1.005	37.9	1.637
248519.9	843017.8	125.8	21.643	13.792	32.5	25.664	17.2	20.423	0.379	1.323	74.0	1.376	28.6	1.292	1.053	39.2	1.666
248519.2	843017.1	125.9	21.789	13.885	32.5	25.837	17.1	20.561	0.373	1.330	74.3	1.381	28.1	1.287	1.017	38.3	1.640
248518.5	843016.4	125.9	21.939	13.981	32.5	26.016	17.0	20.703	0.369	1.336	74.6	1.386	27.6	1.283	0.986	37.5	1.618
248517.8	843015.6	125.9	21.950	13.988	32.5	26.028	17.0	20.712	0.348	1.341	75.5	1.385	25.9	1.276	0.879	34.6	1.549
248517.1	843014.9	125.9	22.075	14.068	32.5	26.177	17.0	20.831	0.340	1.346	75.8	1.389	25.3	1.272	0.838	33.4	1.523
248516.4	843014.2	126.0	22.133	14.105	32.5	26.246	17.0	20.886	0.325	1.351	76.5	1.390	24.0	1.267	0.762	31.0	1.479
248515.7	843013.5	126.0	22.193	14.143	32.5	26.316	16.9	20.942	0.310	1.356	77.1	1.391	22.8	1.263	0.688	28.6	1.439
248515.0	843012.8	126.0	22.251	14.180	32.5	26.385	16.9	20.997	0.295	1.361	77.8	1.393	21.6	1.261	0.614	26.0	1.403
248514.3	843012.0	125.8	21.785	13.883	32.5	25.833	17.1	20.557	0.218	1.361	80.9	1.379	15.7	1.247	0.242	11.0	1.270
248513.6	843011.3	125.9	22.068	14.064	32.5	26.169	17.0	20.824	0.230	1.368	80.5	1.387	16.5	1.254	0.300	13.4	1.289
248512.9	843010.6	126.1	22.715	14.477	32.5	26.937	16.7	21.435	0.285	1.379	78.3	1.408	20.6	1.273	0.561	23.8	1.391
248512.2	843009.9	126.3	23.164	14.764	32.5	27.469	16.5	21.859	0.318	1.388	77.1	1.424	22.8	1.288	0.706	28.7	1.469
248511.5	843009.2	126.5	23.642	15.069	32.5	28.036	16.3	22.311	0.353	1.398	75.8	1.442	25.3	1.306	0.863	33.5	1.565
248510.8	843008.5	126.6	23.944	15.262	32.5	28.395	16.2	22.596	0.368	1.407	75.3	1.454	26.2	1.321	0.923	34.9	1.611
248510.1	843007.7	126.7	24.260	15.464	32.5	28.770	16.1	22.894	0.385	1.415	74.8	1.466	27.2	1.338	0.989	36.5	1.664
248509.4	843007.0	126.8	24.502	15.619	32.5	29.057	16.0	23.122	0.394	1.422	74.5	1.476	27.7	1.355	1.016	36.9	1.693
248508.7	843006.3	126.7	24.290	15.483	32.5	28.805	16.1	22.923	0.349	1.424	76.2	1.466	24.5	1.365	0.804	30.5	1.584
248508.0	843005.6	126.7	24.236	15.448	32.5	28.741	16.1	22.871	0.323	1.427	77.3	1.463	22.6	1.380	0.675	26.1	1.536
248507.3	843004.9	126.7	24.307	15.493	32.5	28.824	16.1	22.938	0.311	1.432	77.7	1.466	21.7	1.398	0.612	23.6	1.526
248506.6	843004.2	126.7	24.375	15.537	32.5	28.906	16.0	23.003	0.300	1.438	78.2	1.469	20.9	1.419	0.548	21.1	1.521
248505.9	843003.4	126.7	24.443	15.579	32.5	28.986	16.0	23.066	0.289	1.443	78.7	1.472	20.0	1.440	0.483	18.5	1.519
248505.2	843002.7	126.8	24.808	15.812	32.5	29.419	15.8	23.411	0.314	1.451	77.8	1.485	21.6	1.468	0.576	21.4	1.577
248504.5	843002.0	127.0	25.205	16.066	32.5	29.890	15.7	23.786	0.343	1.460	76.8	1.500	23.5	1.496	0.684	24.6	1.645
248503.8	843001.3	127.0	25.195	16.059	32.5	29.878	15.7	23.776	0.323	1.464	77.6	1.500	22.1	1.519	0.579	20.9	1.626
248503.1	843000.6	127.0	25.324	16.141	32.5	30.030	15.6	23.897	0.320	1.470	77.7	1.505	21.8	1.545	0.546	19.5	1.639
248502.5	842999.8	127.1	25.450	16.221	32.5	30.180	15.6	24.016	0.317	1.476	77.9	1.510	21.5	1.571	0.512	18.1	1.652
248501.8	842999.1	127.1	25.652	16.350	32.5	30.420	15.5	24.207	0.323	1.482	77.7	1.517	21.8	1.598	0.519	18.0	1.680
248501.1	842998.4	127.2	25.873	16.491	32.5	30.681	15.4	24.415	0.332	1.489	77.4	1.525	22.2	1.625	0.534	18.2	1.710
248500.4	842997.7	127.3	26.094	16.631	32.5	30.943	15.3	24.624	0.340	1.496	77.2	1.534	22.7	1.651	0.550	18.4	1.740
248499.7	842997.0	127.4	26.335	16.785	32.5	31.229	15.2	24.851	0.352	1.502	76.8	1.543	23.3	1.678	0.576	19.0	1.774
248499.0	842996.3	127.5	26.580	16.941	32.5	31.520	15.1	25.083	0.363	1.509	76.5	1.552	24.0	1.704	0.605	19.5	1.808
248498.3	842995.5	127.5	26.811	17.088	32.5	31.794	15.0	25.301	0.374	1.515	76.1	1.560	24.5	1.729	0.627	19.9	1.839
248497.6	842994.8	127.6	26.969	17.188	32.5	31.980	14.9	25.449	0.375	1.520	76.1	1.565	24.5	1.753	0.612	19.3	1.856
248496.9	842994.1	127.6	27.125	17.288	32.5	32.166	14.9	25.597	0.376	1.525	76.2	1.570	24.5	1.776	0.598	18.6	1.874
248496.2	842993.4	127.7	27.280	17.386	32.5	32.350	14.8	25.743	0.377	1.530	76.2	1.575	24.5	1.798	0.584	18.0	1.891
248495.5	842992.7	127.7	27.417	17.473	32.5	32.512	14.8	25.872	0.376	1.534	76.2	1.579	24.3	1.820	0.562	17.2	1.905
248494.8	842991.9	127.8	27.546	17.555	32.5	32.664	14.7	25.993	0.374	1.538	76.4	1.583	24.1	1.841	0.537	16.2	1.918
248494.1	842991.2	127.8	27.673	17.635	32.5	32.815	14.7	26.113	0.371	1.542	76.5	1.586	23.9	1.861	0.511	15.4	1.930
248493.4	842990.5	127.9	27.800	17.715	32.5	32.965	14.6	26.232	0.369	1.546	76.6	1.590	23.7	1.881	0.486	14.5	1.943
248492.7	842989.8	127.9	27.925	17.795	32.5	33.113	14.6	26.350	0.366	1.550	76.7	1.593	23.4	1.900	0.460	13.6	1.955
248492.0	842989.1	128.0	28.119	17.918	32.5	33.343	14.5	26.533	0.371	1.555	76.6	1.598	23.7	1.919	0.469	13.7	1.975
248491.3	842988.4	128.1	28.334	18.054	32.5	33.597	14.4	26.736	0.379	1.560	76.3	1.605	24.1	1.937	0.487	14.1	1.998
248490.6	842987.6	128.1	28.461	18.135	32.5	33.748	14.3	26.856	0.376	1.563	76.5	1.608	23.9	1.955	0.463	13.3	2.009
248489.9	842986.9	128.2	28.587	18.215	32.5	33.897	14.3	26.974	0.373	1.567	76.6	1.611	23.6	1.973	0.438	12.5	2.021
248489.2	842986.2	128.2	28.794	18.346	32.5	34.142	14.2	27.169	0.379	1.572	76.4	1.617	23.9	1.991	0.451	12.8	2.041
248488.5	842985.5	128.3	29.004	18.479	32.5	34.390	14.1	27.367	0.386	1.577	76.2	1.623	24.2	2.008	0.465	13.0	2.062
248487.8	842984.8	128.4	29.213	18.612	32.5	34.638	14.0	27.564	0.392	1.582	76.1	1.630	24.6	2.026	0.478	13.3	2.082
248487.1	842984.0	128.5	29.423	18.745	32.5	34.886	13.9	27.762	0.398	1.587	75.9	1.636	24.8	2.044	0.491	13.5	2.102
248486.4	842983.3	128.5	29.632	18.877	32.5	35.134	13.9	27.959	0.404	1.592	75.7	1.642	25.1	2.062	0.502	13.7	2.122
248485.7	842982.6	128.6	29.840	19.009	32.5	35.381	13.8	28.155	0.410	1.597	75.6	1.649	25.4	2.080	0.512	13.8	2.142
248485.1	842981.9	128.7	30.049	19.141	32.5	35.627	13.7	28.351	0.416	1.602	75.5	1.655	25.6	2.098	0.520	13.9	2.162
248484.4	842981.2	128.8	30.256	19.273	32.5	35.873	13.6	28.547	0.421	1.607	75.3	1.661	25.8	2.117	0.528	14.0	2.182
248483.7	842980.5	128.8	30.466	19.406	32.5	36.121	13.5	28.744	0.426	1.612	75.2	1.668	26.1	2.136	0.537	14.1	2.203
248483.0	842979.7	128.9	30.676	19.539	32.5	36.370	13.4	28.942	0.432	1.617	75.0	1.674	26.3	2.156	0.544	14.2	2.224
248482.3	842979.0	129.0	30.914	19.689	32.5	36.652	13.3	29.167	0.441	1.623	74.8	1.682	26.7	2.176	0.565	14.5	2.248
248481.6	842978.3	129.1	31.110	19.813	32.5	36.883	13.2	29.351	0.445	1.628	74.7	1.688	26.9	2.197	0.566	14.4	2.269
248480.9	842977.6	129.1	31.275	19.917	32.5	37.078	13.2	29.506	0.445	1.632	74.7	1.692	26.8	2.219	0.553	14.0	2.286
248480.2	842976.9	129.2	31.438	20.020	32.5	37.272	13.1	29.660	0.446	1.636	74.8	1.696	26.8	2.240	0.541	13.6	2.305
248479.5	842976.1	129.3	31.601	20.123	32.5	37.464	13.0	29.813	0.447	1.640	74.8	1.700	26.7	2.263	0.529	13.2	2.324
248478.8	842975.4	129.3	31.762	20.224	32.5	37.654	13.0	29.964	0.447	1.644	74.8	1.704	26.7	2.285	0.518	12.8	2.343
248478.1	842974.7	129.4	31.921	20.325	32.5	37.843	12.9	30.114	0.449	1.648	74.8	1.708	26.7	2.308	0.508	12.4	2.363
248477.4	842974.0	129.5	32.080	20.424	32.5	38.030	12.9	30.263	0.450	1.651	74.7	1.711	26.7	2.331	0.500	12.1	2.384
248476.7	842973.3	129.5	32.236	20.523	32.5	38.215	12.8	30.411	0.452	1.653	74.7	1.714	26.8	2.353	0.492	11.8	2.404
248476.0	842972.6	129.6	32.392	20.621	32.5	38.399	12.7	30.557	0.454	1.656	74.7	1.717	26.9	2.376	0.487	11.6	2.426
248475.3	842971.8	129.6	32.546	20.718	32.5	38.580	12.7	30.701	0.457	1.658	74.6	1.720	27.0	2.399	0.483	11.4	2.447
248474.6	842971.1	129.7	32.698	20.813	32.5	38.760	12.6	30.844	0.460	1.660	74.5	1.722	27.1	2.421	0.481	11.2	2.469
248473.9	842970.4	129.8	32.849	20.908	32.5	38.938	12.5	30.986	0.463	1.661	74.4	1.725	27.3	2.444	0.480	11.1	2.490
248473.2	842969.7	129.8	32.998	21.002	32.5	39.115	12.5	31.126	0.467	1.663	74.3	1.727	27.4	2.466	0.481	11.0	2.512

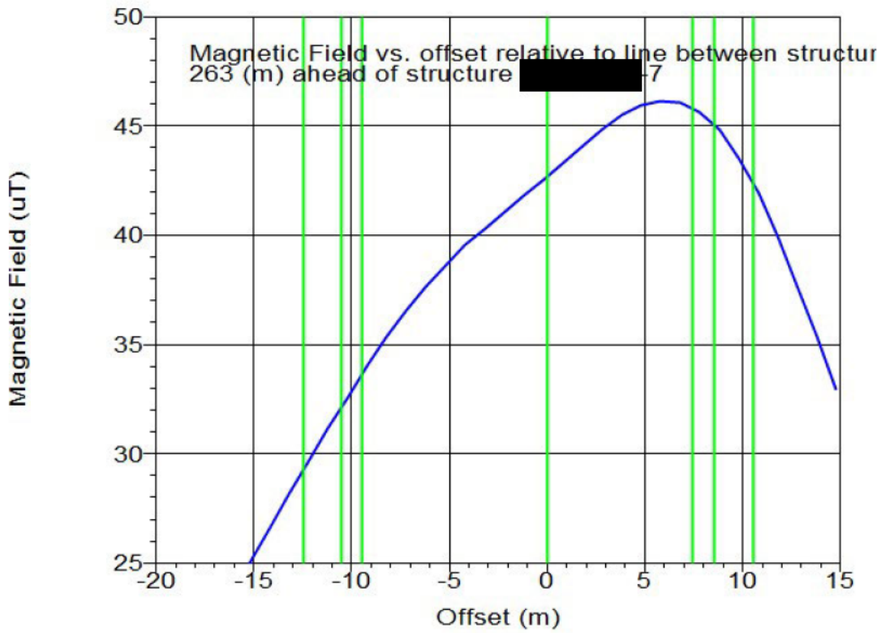
248472.5	842969.0	129.9	33.093	21.061	32.5	39.226	12.5	31.215	0.465	1.663	74.4	1.727	27.3	2.488	0.460	10.5	2.530
248471.8	842968.2	129.9	33.173	21.110	32.5	39.320	12.4	31.290	0.461	1.664	74.5	1.726	27.1	2.510	0.434	9.8	2.547
248471.1	842967.5	130.0	33.251	21.158	32.5	39.412	12.4	31.363	0.457	1.664	74.6	1.726	26.9	2.532	0.409	9.2	2.565
248470.4	842966.8	130.0	33.339	21.213	32.5	39.516	12.4	31.446	0.455	1.664	74.7	1.726	26.8	2.554	0.390	8.7	2.584
248469.7	842966.1	130.1	33.426	21.266	32.5	39.617	12.3	31.526	0.454	1.665	74.8	1.726	26.6	2.576	0.370	8.2	2.603
248469.0	842965.4	130.1	33.510	21.318	32.5	39.716	12.3	31.605	0.452	1.666	74.8	1.726	26.5	2.599	0.350	7.7	2.622
248468.3	842964.7	130.2	33.592	21.369	32.5	39.812	12.3	31.682	0.450	1.666	74.9	1.726	26.4	2.621	0.330	7.2	2.642
248467.7	842963.9	130.2	33.671	21.418	32.5	39.906	12.2	31.756	0.448	1.667	75.0	1.726	26.3	2.644	0.308	6.6	2.662
248467.0	842963.2	130.3	33.746	21.464	32.5	39.994	12.2	31.826	0.446	1.668	75.0	1.727	26.1	2.668	0.283	6.1	2.683
248466.3	842962.5	130.3	33.815	21.506	32.5	40.075	12.2	31.891	0.443	1.669	75.1	1.727	26.0	2.692	0.256	5.4	2.704
248465.6	842961.8	130.4	33.882	21.547	32.5	40.153	12.2	31.953	0.440	1.671	75.2	1.728	25.8	2.716	0.227	4.8	2.726
248464.9	842961.1	130.4	33.946	21.586	32.5	40.228	12.1	32.013	0.437	1.673	75.4	1.729	25.6	2.742	0.196	4.1	2.749
248464.2	842960.4	130.5	34.008	21.624	32.4	40.301	12.1	32.070	0.434	1.675	75.5	1.730	25.3	2.767	0.164	3.4	2.772
248463.5	842959.6	130.5	34.068	21.660	32.4	40.370	12.1	32.126	0.430	1.677	75.6	1.731	25.1	2.794	0.130	2.7	2.797
248462.8	842958.9	130.6	34.125	21.694	32.4	40.437	12.1	32.179	0.427	1.679	75.7	1.732	24.9	2.821	0.094	1.9	2.822
248462.1	842958.2	130.6	34.180	21.727	32.4	40.502	12.1	32.230	0.423	1.681	75.9	1.733	24.7	2.848	0.058	1.2	2.848
248461.4	842957.5	130.7	34.218	21.749	32.4	40.545	12.1	32.264	0.418	1.683	76.1	1.734	24.3	2.875	0.015	0.3	2.875
248460.7	842956.8	130.7	34.357	21.836	32.4	40.708	12.0	32.395	0.426	1.686	75.8	1.739	24.7	2.902	0.015	0.3	2.902
248460.0	842956.0	130.8	34.496	21.922	32.4	40.873	11.9	32.525	0.434	1.689	75.6	1.744	25.1	2.928	0.017	0.3	2.929
248459.3	842955.3	130.9	34.644	22.015	32.4	41.047	11.9	32.664	0.444	1.692	75.3	1.749	25.6	2.955	0.024	0.5	2.955
248458.6	842954.6	130.9	34.805	22.115	32.4	41.236	11.8	32.815	0.455	1.695	75.0	1.755	26.2	2.980	0.038	0.7	2.981
248457.9	842953.9	131.0	34.929	22.192	32.4	41.382	11.8	32.931	0.463	1.697	74.7	1.759	26.6	3.006	0.039	0.7	3.006
248457.2	842953.2	131.1	35.018	22.246	32.4	41.487	11.7	33.014	0.468	1.699	74.6	1.762	26.8	3.031	0.028	0.5	3.031
248456.5	842952.5	131.1	35.108	22.301	32.4	41.592	11.7	33.098	0.473	1.700	74.5	1.764	27.1	3.055	0.021	0.4	3.055
248455.8	842951.7	131.2	35.259	22.395	32.4	41.770	11.6	33.239	0.486	1.702	74.1	1.770	27.8	3.077	0.042	0.8	3.078
248455.1	842951.0	131.3	35.408	22.488	32.4	41.946	11.6	33.379	0.500	1.703	73.6	1.775	28.5	3.099	0.067	1.2	3.099
248454.4	842950.3	131.4	35.555	22.579	32.4	42.119	11.5	33.517	0.514	1.704	73.2	1.780	29.3	3.119	0.094	1.7	3.120
248453.7	842949.6	131.4	35.661	22.644	32.4	42.243	11.5	33.616	0.524	1.705	72.9	1.784	29.8	3.138	0.109	2.0	3.140
248453.0	842948.9	131.5	35.674	22.650	32.4	42.257	11.5	33.627	0.524	1.704	72.9	1.783	29.8	3.157	0.088	1.6	3.158
248452.3	842948.1	131.5	35.704	22.667	32.4	42.291	11.5	33.654	0.527	1.703	72.8	1.783	30.0	3.174	0.080	1.4	3.175
248451.6	842947.4	131.6	35.754	22.696	32.4	42.350	11.5	33.701	0.532	1.703	72.6	1.784	30.3	3.189	0.085	1.5	3.191
248450.9	842946.7	131.6	35.802	22.724	32.4	42.405	11.4	33.744	0.539	1.702	72.4	1.785	30.7	3.203	0.092	1.7	3.205
248450.3	842946.0	131.7	35.854	22.755	32.4	42.466	11.4	33.793	0.547	1.701	72.2	1.786	31.2	3.216	0.107	1.9	3.217
248449.6	842945.3	131.8	35.907	22.787	32.4	42.527	11.4	33.842	0.555	1.699	71.9	1.788	31.7	3.226	0.126	2.2	3.229
248448.9	842944.6	131.8	35.958	22.816	32.4	42.586	11.4	33.889	0.564	1.698	71.6	1.789	32.2	3.236	0.148	2.6	3.239
248448.2	842943.8	131.9	36.006	22.844	32.4	42.641	11.4	33.933	0.573	1.696	71.3	1.790	32.7	3.244	0.174	3.1	3.249
248447.5	842943.1	131.9	36.051	22.871	32.4	42.694	11.4	33.975	0.583	1.694	71.0	1.792	33.3	3.251	0.202	3.6	3.257
248446.8	842942.4	131.9	35.829	22.727	32.4	42.430	11.5	33.764	0.561	1.690	71.6	1.780	32.3	3.260	0.124	2.2	3.262
248446.1	842941.7	131.9	35.640	22.604	32.4	42.204	11.6	33.585	0.544	1.685	72.1	1.771	31.4	3.267	0.062	1.1	3.268
248445.4	842941.0	132.0	35.559	22.551	32.4	42.107	11.6	33.508	0.540	1.682	72.2	1.767	31.3	3.273	0.049	0.9	3.273
248444.7	842940.2	132.0	35.476	22.495	32.4	42.007	11.6	33.428	0.537	1.679	72.3	1.763	31.2	3.277	0.037	0.7	3.278
248444.0	842939.5	132.0	35.393	22.440	32.4	41.907	11.7	33.348	0.533	1.676	72.3	1.759	31.1	3.282	0.028	0.5	3.282
248443.3	842938.8	132.0	35.322	22.393	32.4	41.822	11.7	33.281	0.532	1.673	72.3	1.756	31.1	3.285	0.026	0.5	3.285
248442.6	842938.1	132.1	35.250	22.344	32.4	41.735	11.8	33.211	0.531	1.670	72.4	1.753	31.1	3.288	0.026	0.5	3.289
248441.9	842937.4	132.1	35.174	22.294	32.4	41.644	11.8	33.139	0.531	1.668	72.4	1.750	31.1	3.291	0.027	0.5	3.291
248441.2	842936.7	132.1	35.097	22.242	32.4	41.551	11.8	33.065	0.530	1.665	72.3	1.748	31.2	3.294	0.029	0.5	3.294
248440.5	842935.9	132.2	35.017	22.189	32.4	41.455	11.9	32.989	0.529	1.663	72.3	1.745	31.2	3.295	0.032	0.6	3.296
248439.8	842935.2	132.2	34.980	22.163	32.4	41.410	11.9	32.953	0.534	1.661	72.2	1.744	31.5	3.296	0.056	1.0	3.297
248439.1	842934.5	132.3	34.943	22.137	32.4	41.365	11.9	32.917	0.540	1.658	72.0	1.744	31.9	3.296	0.081	1.4	3.297
248438.4	842933.8	132.3	34.904	22.110	32.4	41.317	11.9	32.879	0.545	1.656	71.8	1.743	32.2	3.296	0.108	1.9	3.297
248437.7	842933.1	132.3	34.775	22.026	32.3	41.164	12.0	32.757	0.540	1.653	71.9	1.739	32.0	3.294	0.100	1.7	3.296
248437.0	842932.3	132.4	34.642	21.939	32.3	41.005	12.1	32.630	0.535	1.649	72.0	1.734	31.8	3.292	0.092	1.6	3.293
248436.3	842931.6	132.4	34.507	21.850	32.3	40.843	12.1	32.502	0.530	1.645	72.1	1.728	31.7	3.289	0.086	1.5	3.290
248435.6	842930.9	132.4	34.369	21.761	32.3	40.679	12.2	32.371	0.525	1.641	72.3	1.723	31.5	3.283	0.081	1.4	3.284
248434.9	842930.2	132.4	34.230	21.670	32.3	40.512	12.3	32.239	0.521	1.637	72.4	1.718	31.3	3.277	0.078	1.4	3.278
248434.2	842929.5	132.5	34.087	21.577	32.3	40.343	12.3	32.104	0.516	1.633	72.5	1.712	31.1	3.269	0.076	1.3	3.270
248433.5	842928.8	132.5	33.912	21.464	32.3	40.134	12.4	31.938	0.507	1.628	72.7	1.705	30.8	3.259	0.062	1.1	3.260
248432.9	842928.0	132.5	33.713	21.335	32.3	39.897	12.5	31.749	0.496	1.623	73.0	1.697	30.2	3.248	0.039	0.7	3.248
248432.2	842927.3	132.5	33.512	21.206	32.3	39.658	12.6	31.559	0.486	1.618	73.3	1.689	29.7	3.235	0.018	0.3	3.235
248431.5	842926.6	132.5	33.310	21.076	32.3	39.418	12.7	31.368	0.475	1.612	73.6	1.681	29.2	3.220	-0.002	-0.0	3.220
248430.8	842925.9	132.5	33.107	20.945	32.3	39.177	12.8	31.176	0.464	1.607	73.9	1.672	28.7	3.204	-0.021	-0.4	3.204
248430.1	842925.2	132.5	32.901	20.813	32.3	38.931	12.9	30.980	0.453	1.601	74.2	1.664	28.1	3.186	-0.041	-0.7	3.186
248429.4	842924.4	132.5	32.693	20.679	32.3	38.684	13.0	30.784	0.442	1.596	74.5	1.656	27.6	3.166	-0.061	-1.1	3.167
248428.7	842923.7	132.5	32.484	20.545	32.3	38.435	13.1	30.586	0.431	1.590	74.8	1.648	27.0	3.146	-0.082	-1.5	3.147
248428.0	842923.0	132.5	32.274	20.410	32.3	38.186	13.2	30.388	0.419	1.585	75.2	1.639	26.4	3.124	-0.102	-1.9	3.126
248427.3	842922.3	132.5	32.063	20.275	32.3	37.936	13.3	30.188	0.408	1.580	75.5	1.631	25.8	3.102	-0.124	-2.3	3.104
248426.6	842921.6	132.6	31.882	20.157	32.3	37.719	13.4	30.016	0.400	1.575	75.8	1.625	25.4	3.079	-0.133	-2.5	3.082
248425.9	842920.9	132.6	31.755	20.075	32.3	37.569	13.4	29.896	0.398	1.571	75.8	1.621	25.3	3.056	-0.119	-2.2	3.059
248425.2	842920.1	132.6	31.632	19.995	32.3	37.421	13.5	29.779	0.397	1.567	75.8	1.617	25.3	3.034	-0.105	-2.0	3.036
248424.5	842919.4	132.7	31.506	19.914	32.3	37.272	13.5	29.660	0.395	1.564	75.8	1.613	25.2	3.011	-0.094	-1.8	3.013
248423.8	842918.7	132.7	31.392	19.839	32.3	37.135	13.6	29.551	0.394	1.561	75.8	1.609	25.2	2.989	-0.079	-1.5	2.990
248423.1	842918.0	132.7	31.292	19.774	32.3	37.016	13.7	29.456	0.394	1.558	75.8	1.607	25.3	2.968	-0.059	-1.1	2.968
248422.4	842917.3	132.8	31.190	19.707	32.3	36.894	13.7	29.359	0.395	1.555	75.8	1.604	25.4	2.947	-0.041	-0.8	2.947
248421.7	842916.6	132.8	31.086	19.639	32.3	36.770	13.8	29.261	0.395	1.553	75.7	1.602	25.4	2.927	-0.026	-0.5	2.927
248421.0	842915.8	132.9	30.996	19.580	32.3	36.663	13.8	29.175	0.396	1.551	75.7	1.600	25.6	2.907	-0.006	-0.1	2.907
248420.3	842915.1	132.9	30.932	19.537	32.3	36.586	13.8	29.114	0.401	1.549	75.5	1.600	25.9	2.889	0.024	0.5	2.889
248419.6	842914.4	133.0	30.866	19.493	32.3	36.506	13.9	29.050	0.405	1.547	75.3	1.599	26.2	2.872	0.051	1.0	2.872
248418.9	842913.7	133.0	30.800	19.450	32.3	36.427	13.9	28.988	0.410	1.545	75.2	1.598	26.5	2.855	0.079	1.6	2.856
248418.2	842913.0	133.1	30.734	19.405	32.3	36.347	13.9	28.924	0.414	1.543	75.0	1.598	26.8	2.839	0.105	2.1	2.841
248417.5	842912.2	133.1	30.665	19.360	32.3	36.265	14.0	28.859	0.418	1.542	74.8	1.597	27.1	2.825	0.130	2.6	2.828
248416.8	842911.5	133.2	30.595	19.313	32.3	36.181	14.0	28.792	0.422	1.540	74.7	1.597	27.4	2.811	0.153	3.1	2.815
248416.1	842910.8	133.3	30.523	19.265	32.3	36.094	14.0	28.723	0.426	1.538	74.5	1.596	27.7	2.797	0.176	3.6	2.803
248415.5	842910.1	133.3	30.448	19.216	32.3	36.005	14.1	28.652	0.430	1.536	74.4	1.595	28.0	2.785	0.197	4.0	2.792
248414.8	842909.4	133.4	30.372	19.165	32.3	35.913	14.1	28.579	0.434	1.534	74.2	1.594	28.3	2.773	0.217	4.5	2.782
248414.1	842908.7	133.4	30.293	19.113	32.3	35.819	14.2	28.504	0.437	1.532	74.1	1.593	28.5	2.762	0.237	4.9	2.773
248413.4	842907.9	133.5	30.212	19.060	32.2	35.722	14.2	28.427	0.441	1.530	73.9	1.592	28.8	2.752	0.257	5.3	2.764
248412.7	842907.2	133.5	30.075	18.972	32.2	35.559	14.3	28.297	0.438	1.527	74.0	1.588	28.7	2.741	0.251	5.2	2.753

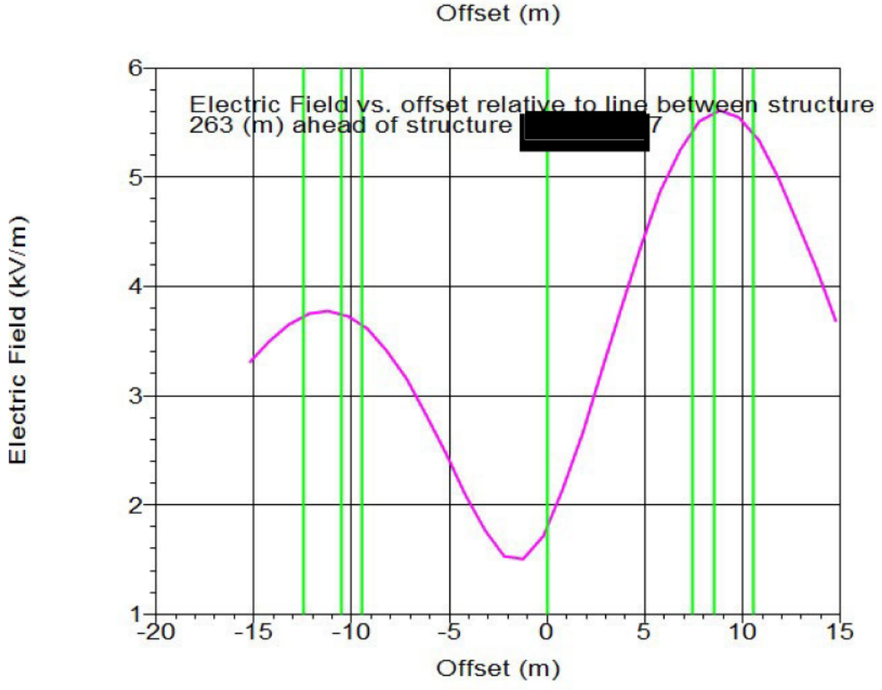
248412.0	842906.5	133.5	29.925	18.875	32.2	35.380	14.3	28.154	0.434	1.524	74.1	1.584	28.5	2.731	0.240	5.0	2.741
248411.3	842905.8	133.6	29.773	18.777	32.2	35.199	14.4	28.011	0.430	1.520	74.2	1.580	28.3	2.721	0.230	4.8	2.730
248410.6	842905.1	133.6	29.620	18.679	32.2	35.017	14.5	27.866	0.427	1.517	74.3	1.575	28.1	2.710	0.220	4.6	2.719
248409.9	842904.3	133.7	29.465	18.580	32.2	34.834	14.6	27.720	0.423	1.513	74.4	1.571	27.9	2.700	0.210	4.4	2.708
248409.2	842903.6	133.7	29.310	18.480	32.2	34.649	14.6	27.573	0.419	1.509	74.5	1.566	27.7	2.690	0.201	4.3	2.698
248408.5	842902.9	133.7	29.153	18.379	32.2	34.463	14.7	27.425	0.416	1.505	74.6	1.561	27.6	2.680	0.194	4.1	2.687
248407.8	842902.2	133.8	28.995	18.277	32.2	34.275	14.8	27.275	0.413	1.500	74.6	1.556	27.4	2.669	0.187	4.0	2.676
248407.1	842901.5	133.8	28.887	18.207	32.2	34.146	14.8	27.173	0.416	1.496	74.5	1.553	27.7	2.659	0.206	4.4	2.667
248406.4	842900.8	133.9	28.780	18.138	32.2	34.019	14.9	27.071	0.419	1.492	74.3	1.549	28.0	2.649	0.227	4.9	2.659
248405.7	842900.0	133.9	28.672	18.068	32.2	33.890	14.9	26.969	0.422	1.487	74.2	1.546	28.3	2.638	0.249	5.4	2.650
248405.0	842899.3	134.0	28.562	17.997	32.2	33.759	15.0	26.865	0.425	1.482	74.0	1.542	28.6	2.627	0.271	5.9	2.641
248404.3	842898.6	134.0	28.451	17.924	32.2	33.626	15.1	26.759	0.429	1.478	73.8	1.538	28.9	2.616	0.295	6.4	2.632
248403.6	842897.9	134.0	28.260	17.803	32.2	33.400	15.1	26.579	0.423	1.472	74.0	1.531	28.6	2.602	0.283	6.2	2.617
248402.9	842897.2	134.1	28.042	17.664	32.2	33.141	15.2	26.373	0.415	1.465	74.2	1.523	28.1	2.586	0.258	5.7	2.599
248402.2	842896.4	134.1	27.823	17.525	32.2	32.882	15.3	26.167	0.406	1.459	74.5	1.515	27.6	2.571	0.234	5.2	2.581
248401.5	842895.7	134.1	27.605	17.386	32.2	32.623	15.4	25.961	0.398	1.453	74.7	1.506	27.1	2.555	0.210	4.7	2.563
248400.8	842895.0	134.1	27.386	17.247	32.2	32.364	15.5	25.755	0.389	1.447	74.9	1.498	26.5	2.538	0.187	4.2	2.545
248400.1	842894.3	134.1	27.168	17.108	32.2	32.105	15.6	25.549	0.381	1.440	75.2	1.490	26.0	2.522	0.164	3.7	2.527
248399.4	842893.6	134.2	27.008	17.006	32.2	31.916	15.7	25.398	0.379	1.435	75.2	1.484	26.0	2.507	0.170	3.9	2.513
248398.7	842892.9	134.2	26.852	16.906	32.2	31.731	15.8	25.251	0.378	1.429	75.2	1.478	26.0	2.492	0.178	4.1	2.499
248398.1	842892.1	134.3	26.697	16.807	32.2	31.547	15.9	25.105	0.377	1.424	75.2	1.473	26.0	2.478	0.187	4.3	2.485
248397.4	842891.4	134.3	26.552	16.714	32.2	31.375	15.9	24.967	0.378	1.418	75.1	1.468	26.1	2.464	0.200	4.6	2.472
248396.7	842890.7	134.4	26.405	16.620	32.2	31.201	16.0	24.829	0.378	1.413	75.0	1.463	26.1	2.451	0.213	5.0	2.460
248396.0	842890.0	134.4	26.258	16.526	32.2	31.025	16.1	24.689	0.377	1.408	75.0	1.457	26.2	2.438	0.225	5.3	2.448
248395.3	842889.3	134.4	26.109	16.431	32.2	30.849	16.2	24.549	0.377	1.402	74.9	1.452	26.2	2.425	0.238	5.6	2.436
248394.6	842888.5	134.5	25.972	16.352	32.2	30.691	16.2	24.423	0.377	1.399	74.9	1.449	26.2	2.406	0.248	5.9	2.419
248393.9	842887.8	134.5	25.822	16.256	32.2	30.513	16.3	24.281	0.377	1.394	74.9	1.444	26.3	2.394	0.260	6.2	2.408
248393.2	842887.1	134.6	25.708	16.183	32.2	30.378	16.4	24.174	0.381	1.389	74.7	1.440	26.7	2.384	0.290	6.9	2.401
248392.5	842886.4	134.6	25.590	16.108	32.2	30.238	16.4	24.062	0.384	1.384	74.5	1.436	27.0	2.374	0.319	7.7	2.395
248391.8	842885.7	134.7	25.409	15.992	32.2	30.023	16.5	23.891	0.380	1.378	74.6	1.429	26.8	2.361	0.316	7.6	2.382
248391.1	842885.0	134.7	25.227	15.877	32.2	29.808	16.6	23.720	0.377	1.371	74.6	1.422	26.6	2.349	0.313	7.6	2.370
248390.4	842884.2	134.7	25.045	15.761	32.2	29.592	16.7	23.549	0.373	1.365	74.7	1.415	26.4	2.338	0.311	7.6	2.358
248389.7	842883.5	134.8	24.863	15.646	32.2	29.376	16.8	23.377	0.370	1.359	74.8	1.408	26.2	2.326	0.309	7.6	2.346
248389.0	842882.8	134.8	24.681	15.530	32.2	29.160	16.8	23.205	0.367	1.353	74.8	1.401	26.1	2.315	0.306	7.5	2.335
248388.3	842882.1	134.8	24.498	15.414	32.2	28.944	16.9	23.033	0.363	1.346	74.9	1.394	25.9	2.304	0.304	7.5	2.324
248387.6	842881.4	134.9	24.315	15.298	32.2	28.727	17.0	22.860	0.360	1.340	74.9	1.387	25.7	2.293	0.303	7.5	2.313
248386.9	842880.6	134.9	24.132	15.182	32.2	28.510	17.1	22.688	0.357	1.333	75.0	1.380	25.6	2.283	0.302	7.5	2.303
248386.2	842879.9	135.0	23.949	15.065	32.2	28.293	17.2	22.515	0.354	1.326	75.0	1.373	25.4	2.272	0.301	7.5	2.292
248385.5	842879.2	135.0	23.766	14.949	32.2	28.077	17.3	22.343	0.351	1.320	75.1	1.366	25.3	2.262	0.300	7.5	2.282
248384.8	842878.5	135.0	23.583	14.833	32.2	27.860	17.4	22.170	0.349	1.313	75.1	1.358	25.1	2.252	0.299	7.6	2.272
248384.1	842877.8	135.1	23.400	14.717	32.2	27.643	17.4	21.998	0.346	1.306	75.2	1.351	25.0	2.242	0.299	7.6	2.261
248383.4	842877.1	135.1	23.217	14.602	32.2	27.427	17.5	21.826	0.343	1.299	75.2	1.344	24.8	2.232	0.298	7.6	2.251
248382.7	842876.3	135.1	23.034	14.486	32.2	27.210	17.6	21.653	0.341	1.292	75.2	1.336	24.7	2.221	0.298	7.6	2.241
248382.0	842875.6	135.2	22.851	14.370	32.2	26.994	17.7	21.481	0.338	1.285	75.3	1.329	24.6	2.211	0.298	7.7	2.231
248381.3	842874.9	135.2	22.669	14.255	32.2	26.778	17.8	21.309	0.336	1.278	75.3	1.322	24.4	2.201	0.298	7.7	2.221
248380.7	842874.2	135.2	22.498	14.146	32.2	26.576	17.9	21.148	0.335	1.271	75.3	1.315	24.4	2.191	0.305	7.9	2.212
248380.0	842873.5	135.3	22.338	14.045	32.2	26.386	17.9	20.998	0.335	1.265	75.2	1.308	24.5	2.182	0.317	8.3	2.205
248379.3	842872.8	135.3	22.178	13.943	32.2	26.197	18.0	20.847	0.335	1.258	75.1	1.301	24.6	2.172	0.329	8.6	2.197
248378.6	842872.0	135.4	22.018	13.842	32.2	26.007	18.1	20.696	0.335	1.251	75.0	1.295	24.7	2.163	0.342	9.0	2.190
248377.9	842871.3	135.4	21.854	13.738	32.2	25.813	18.2	20.541	0.334	1.244	75.0	1.288	24.8	2.153	0.352	9.3	2.182
248377.2	842870.6	135.4	21.628	13.596	32.2	25.547	18.3	20.329	0.327	1.236	75.2	1.279	24.2	2.139	0.328	8.7	2.164
248376.5	842869.9	135.4	21.405	13.455	32.2	25.282	18.4	20.119	0.321	1.228	75.4	1.270	23.6	2.124	0.305	8.2	2.146
248375.8	842869.2	135.4	21.182	13.315	32.2	25.019	18.5	19.910	0.315	1.221	75.6	1.261	23.1	2.110	0.282	7.6	2.129
248375.1	842868.4	135.5	20.989	13.193	32.2	24.791	18.6	19.728	0.311	1.213	75.6	1.253	22.8	2.097	0.276	7.5	2.115
248374.4	842867.7	135.5	20.815	13.083	32.2	24.585	18.7	19.564	0.310	1.206	75.6	1.245	22.8	2.085	0.279	7.6	2.104
248373.7	842867.0	135.5	20.641	12.973	32.1	24.379	18.7	19.400	0.308	1.199	75.6	1.238	22.7	2.073	0.283	7.8	2.092
248373.0	842866.3	135.6	20.467	12.863	32.1	24.173	18.8	19.237	0.307	1.191	75.6	1.230	22.6	2.061	0.286	7.9	2.081
248372.3	842865.6	135.6	20.294	12.753	32.1	23.968	18.9	19.073	0.306	1.184	75.5	1.223	22.6	2.049	0.290	8.1	2.070
248371.6	842864.9	135.7	20.142	12.657	32.1	23.789	19.0	18.931	0.306	1.177	75.4	1.216	22.7	2.039	0.306	8.5	2.061
248370.9	842864.1	135.7	19.994	12.564	32.1	23.614	19.1	18.791	0.307	1.169	75.3	1.209	22.9	2.028	0.324	9.1	2.054
248370.2	842863.4	135.8	19.846	12.470	32.1	23.439	19.1	18.652	0.308	1.162	75.1	1.202	23.1	2.018	0.341	9.6	2.047
248369.5	842862.7	135.8	19.698	12.376	32.1	23.263	19.2	18.512	0.309	1.155	75.0	1.196	23.3	2.008	0.358	10.1	2.039
248368.8	842862.0	135.9	19.550	12.282	32.1	23.088	19.3	18.373	0.310	1.148	74.9	1.189	23.4	1.997	0.374	10.6	2.032
248368.1	842861.3	135.9	19.380	12.175	32.1	22.887	19.4	18.213	0.308	1.140	74.9	1.181	23.4	1.985	0.378	10.8	2.021
248367.4	842860.5	135.9	19.208	12.067	32.1	22.684	19.4	18.051	0.306	1.133	74.9	1.174	23.3	1.972	0.380	10.9	2.009
248366.7	842859.8	136.0	19.037	11.959	32.1	22.481	19.5	17.890	0.305	1.125	74.9	1.166	23.2	1.960	0.381	11.0	1.997
248366.0	842859.1	136.0	18.867	11.851	32.1	22.280	19.6	17.730	0.303	1.118	74.8	1.158	23.0	1.948	0.383	11.1	1.985
248365.3	842858.4	136.0	18.697	11.744	32.1	22.079	19.7	17.570	0.301	1.111	74.8	1.151	22.9	1.935	0.384	11.2	1.973
248364.6	842857.7	136.1	18.528	11.637	32.1	21.879	19.8	17.411	0.299	1.103	74.8	1.143	22.8	1.923	0.385	11.3	1.961
248363.9	842857.0	136.1	18.360	11.531	32.1	21.681	19.8	17.253	0.297	1.096	74.8	1.135	22.7	1.911	0.387	11.4	1.950
248363.3	842856.2	136.1	18.193	11.426	32.1	21.483	19.9	17.096	0.295	1.088	74.8	1.128	22.5	1.899	0.388	11.5	1.938
248362.6	842855.5	136.2	18.026	11.321	32.1	21.287	20.0	16.939	0.294	1.081	74.8	1.120	22.4	1.887	0.388	11.6	1.926
248361.9	842854.8	136.2	17.861	11.217	32.1	21.091	20.1	16.783	0.292	1.074	74.8	1.112	22.3	1.874	0.389	11.7	1.914
248361.2	842854.1	136.2	17.696	11.113	32.1	20.896	20.2	16.628	0.290	1.066	74.8	1.105	22.1	1.862	0.389	11.8	1.903
248360.5	842853.4	136.3	17.532	11.009	32.1	20.702	20.2	16.474	0.288	1.059	74.8	1.097	22.0	1.850	0.389	11.9	1.891
248359.8	842852.6	136.3	17.368	10.906	32.1	20.509	20.3	16.320	0.286	1.051	74.8	1.090	21.8	1.838	0.389	12.0	1.879
248359.1	842851.9	136.4	17.206	10.804	32.1	20.316	20.4	16.167	0.284	1.044	74.8	1.082	21.7	1.826	0.389	12.0	1.867
248358.4	842851.2	136.4	17.044	10.702	32.1	20.125	20.5	16.015	0.282	1.037	74.8	1.074	21.5	1.814	0.388	12.1	1.855
248357.7	842850.5	136.4	16.883	10.601	32.1	19.935	20.5	15.864	0.280	1.029	74.8	1.067	21.4	1.802	0.387	12.1	1.843
248357.0	842849.8	136.5	16.714	10.494	32.1	19.735	20.6	15.705	0.278	1.022	74.8	1.059	21.1	1.789	0.380	12.0	1.829
248356.3	842849.1	136.5	16.545	10.388	32.1	19.535	20.7	15.546	0.275	1.015	74.8	1.051	20.8	1.776	0.372	11.8	1.814
248355.6	842848.3	136.5	16.377	10.282	32.1	19.337	20.8	15.388	0.272	1.007	74.9	1.043	20.5	1.762	0.364	11.7	1.800
248354.9	842847.6	136.5	16.210	10.177	32.1	19.139	20.9	15.231	0.269	1.000	74.9	1.035	20.2	1.749	0.355	11.5	1.785
248354.2	842846.9	136.6	16.044	10.073	32.1	18.943	20.9	15.075	0.267	0.993	75.0	1.028	19.8	1.736	0.346	11.3	1.770
248353.5	842846.2	136.6	15.879	9.969	32.1	18.749	21.0	14.920	0.264	0.985	75.0	1.020	19.5	1.722	0.337	11.1	1.755
248352.8	842845.5	136.6	15.715	9.866	32.1	18.555	21.1	14.766	0.261	0.978	75.0	1.012	19.2	1.709	0.328	10.9	1.740
248352.1	842844.7	136.7	15.622	9.807	32.1	18.446	21.1	14.679	0.265	0.972	74.8	1.007	19.8	1.704	0.364	12.0	1.743

248351.4	842844.0	136.8	15.548	9.760	32.1	18.358	21.2	14.609	0.269	0.965	74.4	1.002	20.6	1.702	0.411	13.6	1.751
248350.7	842843.3	136.9	15.457	9.702	32.1	18.249	21.2	14.522	0.272	0.959	74.2	0.997	21.2	1.698	0.446	14.7	1.756
248350.0	842842.6	136.9	15.304	9.606	32.1	18.069	21.3	14.379	0.270	0.952	74.2	0.990	21.0	1.686	0.440	14.6	1.743
248349.3	842841.9	136.9	15.118	9.489	32.1	17.849	21.4	14.203	0.265	0.945	74.3	0.981	20.3	1.669	0.411	13.8	1.719
248348.6	842841.2	136.9	14.946	9.381	32.1	17.646	21.5	14.042	0.261	0.938	74.4	0.973	19.8	1.654	0.390	13.3	1.700
248347.9	842840.4	137.0	14.791	9.284	32.1	17.463	21.5	13.897	0.259	0.931	74.5	0.966	19.5	1.641	0.380	13.0	1.685
248347.2	842839.7	137.0	14.638	9.187	32.1	17.282	21.6	13.753	0.257	0.924	74.5	0.959	19.1	1.628	0.369	12.8	1.669
248346.5	842839.0	137.0	14.483	9.090	32.1	17.100	21.7	13.607	0.254	0.917	74.5	0.952	18.8	1.615	0.357	12.5	1.654
248345.9	842838.3	137.1	14.303	8.977	32.1	16.887	21.8	13.438	0.250	0.910	74.7	0.944	18.1	1.597	0.325	11.5	1.630
248345.2	842837.6	137.1	14.125	8.865	32.1	16.677	21.9	13.271	0.245	0.903	74.8	0.936	17.4	1.580	0.294	10.6	1.607
248344.5	842836.8	137.1	13.953	8.757	32.1	16.473	21.9	13.109	0.242	0.896	74.9	0.928	16.7	1.562	0.266	9.6	1.585
248343.8	842836.1	137.1	13.786	8.652	32.1	16.276	22.0	12.952	0.238	0.890	75.0	0.921	16.1	1.546	0.240	8.8	1.564
248343.1	842835.4	137.1	13.623	8.550	32.1	16.083	22.1	12.799	0.235	0.883	75.1	0.914	15.5	1.529	0.215	8.0	1.544
248342.4	842834.7	137.1	13.483	8.462	32.1	15.918	22.2	12.667	0.234	0.877	75.1	0.907	15.2	1.516	0.206	7.7	1.530
248341.7	842834.0	137.2	13.346	8.376	32.1	15.757	22.2	12.539	0.232	0.870	75.0	0.901	15.0	1.502	0.197	7.5	1.515
248341.0	842833.3	137.3	13.263	8.323	32.1	15.658	22.3	12.460	0.235	0.864	74.8	0.896	15.6	1.497	0.226	8.6	1.514
248340.3	842832.5	137.3	13.179	8.270	32.1	15.559	22.3	12.381	0.237	0.858	74.6	0.891	16.1	1.492	0.255	9.7	1.514
248339.6	842831.8	137.4	13.095	8.217	32.1	15.460	22.4	12.302	0.239	0.853	74.4	0.885	16.6	1.487	0.282	10.7	1.513
248338.9	842831.1	137.5	13.011	8.164	32.1	15.360	22.4	12.223	0.241	0.847	74.1	0.880	17.1	1.481	0.309	11.8	1.513
248338.2	842830.4	137.6	12.927	8.111	32.1	15.261	22.5	12.144	0.243	0.841	73.9	0.875	17.6	1.476	0.335	12.8	1.513
248337.5	842829.7	137.7	12.839	8.056	32.1	15.157	22.5	12.062	0.245	0.835	73.7	0.870	18.1	1.469	0.357	13.7	1.512
248336.8	842829.0	137.7	12.712	7.976	32.1	15.007	22.6	11.943	0.243	0.829	73.6	0.864	17.9	1.456	0.351	13.6	1.498
248336.1	842828.2	137.7	12.576	7.891	32.1	14.846	22.6	11.814	0.242	0.823	73.6	0.858	17.6	1.441	0.337	13.2	1.480
248335.4	842827.5	137.8	12.437	7.804	32.1	14.683	22.7	11.684	0.240	0.817	73.7	0.851	17.2	1.425	0.320	12.7	1.461
248334.7	842826.8	137.8	12.300	7.717	32.1	14.520	22.8	11.555	0.238	0.811	73.7	0.845	16.8	1.410	0.304	12.2	1.442
248334.0	842826.1	137.8	12.163	7.632	32.1	14.360	22.8	11.427	0.236	0.805	73.7	0.838	16.4	1.394	0.287	11.6	1.423
248333.3	842825.4	137.9	12.039	7.554	32.1	14.213	22.9	11.310	0.235	0.799	73.6	0.832	16.2	1.380	0.279	11.4	1.408
248332.6	842824.6	138.0	11.990	7.523	32.1	14.154	22.9	11.264	0.238	0.793	73.3	0.828	17.2	1.380	0.326	13.3	1.418
248331.9	842823.9	138.1	11.939	7.491	32.1	14.095	23.0	11.216	0.242	0.788	72.9	0.824	18.2	1.380	0.372	15.1	1.429
248331.2	842823.2	138.2	11.861	7.442	32.1	14.002	23.0	11.143	0.244	0.782	72.7	0.819	18.7	1.375	0.397	16.1	1.431
248330.5	842822.5	138.2	11.726	7.357	32.1	13.843	23.1	11.016	0.241	0.776	72.7	0.813	18.3	1.359	0.378	15.6	1.411
248329.8	842821.8	138.2	11.597	7.276	32.1	13.691	23.1	10.895	0.240	0.770	72.7	0.806	17.9	1.344	0.364	15.2	1.393
248329.1	842821.1	138.3	11.470	7.197	32.1	13.540	23.2	10.775	0.238	0.764	72.7	0.800	17.6	1.329	0.350	14.8	1.375
248328.5	842820.3	138.3	11.343	7.118	32.1	13.391	23.3	10.656	0.236	0.758	72.7	0.794	17.3	1.315	0.336	14.3	1.357
248327.8	842819.6	138.4	11.301	7.091	32.1	13.341	23.3	10.617	0.240	0.752	72.3	0.790	18.4	1.317	0.386	16.3	1.373
248327.1	842818.9	138.5	11.213	7.036	32.1	13.238	23.3	10.534	0.241	0.747	72.1	0.784	18.7	1.310	0.401	17.0	1.370
248326.4	842818.2	138.6	11.125	6.981	32.1	13.134	23.4	10.452	0.241	0.741	72.0	0.779	19.1	1.304	0.415	17.6	1.368
248325.7	842817.5	138.6	11.009	6.908	32.1	12.997	23.4	10.343	0.240	0.735	71.9	0.773	18.9	1.291	0.406	17.4	1.354
248325.0	842816.7	138.7	10.886	6.832	32.1	12.853	23.5	10.228	0.238	0.729	71.9	0.767	18.6	1.277	0.392	17.0	1.336
248324.3	842816.0	138.7	10.765	6.756	32.1	12.710	23.6	10.114	0.236	0.723	71.9	0.761	18.3	1.264	0.377	16.6	1.319
248323.6	842815.3	138.7	10.645	6.681	32.1	12.568	23.6	10.001	0.234	0.717	71.9	0.754	18.0	1.250	0.363	16.2	1.301
248322.9	842814.6	138.8	10.527	6.608	32.1	12.429	23.7	9.891	0.233	0.711	71.9	0.748	17.7	1.236	0.349	15.8	1.285
248322.2	842813.9	138.6	10.267	6.446	32.1	12.123	23.8	9.647	0.223	0.704	72.5	0.739	14.8	1.190	0.220	10.5	1.210
248321.5	842813.2	138.7	10.147	6.372	32.1	11.981	23.9	9.534	0.221	0.699	72.4	0.733	14.3	1.175	0.202	9.8	1.192
248320.8	842812.4	138.7	10.039	6.305	32.1	11.855	24.0	9.434	0.220	0.693	72.4	0.727	14.2	1.163	0.193	9.4	1.179
248320.1	842811.7	138.8	9.933	6.239	32.1	11.730	24.0	9.334	0.219	0.688	72.3	0.722	14.0	1.150	0.183	9.1	1.165
248319.4	842811.0	138.8	9.824	6.171	32.1	11.602	24.1	9.233	0.218	0.682	72.3	0.716	13.7	1.137	0.171	8.6	1.150
248318.7	842810.3	138.8	9.674	6.078	32.1	11.425	24.2	9.092	0.215	0.677	72.4	0.710	12.6	1.114	0.123	6.3	1.120
248318.0	842809.6	138.8	9.563	6.009	32.1	11.294	24.2	8.987	0.213	0.672	72.4	0.705	12.2	1.099	0.105	5.5	1.104
248317.3	842808.8	138.9	9.512	5.978	32.1	11.235	24.3	8.940	0.215	0.667	72.2	0.701	13.0	1.099	0.138	7.2	1.108
248316.6	842808.1	139.1	9.510	5.977	32.2	11.232	24.3	8.938	0.219	0.663	71.7	0.698	14.7	1.111	0.211	10.7	1.131
248315.9	842807.4	139.2	9.432	5.930	32.2	11.141	24.4	8.866	0.219	0.658	71.6	0.694	14.9	1.104	0.219	11.2	1.126
248315.2	842806.7	139.2	9.355	5.882	32.2	11.050	24.4	8.793	0.219	0.653	71.5	0.689	15.1	1.098	0.227	11.7	1.121
248314.5	842806.0	139.3	9.270	5.830	32.2	10.951	24.5	8.714	0.219	0.649	71.4	0.685	15.1	1.089	0.227	11.8	1.112
248313.8	842805.3	139.4	9.185	5.778	32.2	10.852	24.6	8.636	0.218	0.644	71.3	0.680	15.1	1.080	0.227	11.9	1.103
248313.1	842804.5	139.4	9.108	5.732	32.2	10.762	24.6	8.564	0.218	0.640	71.2	0.676	15.3	1.072	0.232	12.2	1.097
248312.4	842803.8	139.5	9.038	5.689	32.2	10.679	24.7	8.498	0.218	0.636	71.1	0.672	15.5	1.066	0.241	12.7	1.093
248311.7	842803.1	139.6	8.978	5.652	32.2	10.609	24.7	8.442	0.219	0.631	70.9	0.668	15.9	1.063	0.259	13.7	1.094
248311.1	842802.4	139.7	8.923	5.620	32.2	10.545	24.8	8.392	0.220	0.627	70.7	0.665	16.5	1.061	0.281	14.8	1.098
248310.4	842801.7	139.8	8.869	5.588	32.2	10.482	24.9	8.342	0.221	0.623	70.5	0.661	17.0	1.059	0.302	15.9	1.102
248309.7	842800.9	139.9	8.815	5.556	32.2	10.420	24.9	8.292	0.222	0.619	70.3	0.658	17.5	1.058	0.323	17.0	1.106
248309.0	842800.2	140.0	8.762	5.525	32.2	10.359	25.0	8.243	0.222	0.615	70.1	0.654	18.0	1.056	0.343	18.0	1.110
248308.3	842799.5	140.1	8.676	5.473	32.2	10.258	25.1	8.163	0.221	0.611	70.1	0.650	17.8	1.044	0.334	17.7	1.097
248307.6	842798.8	140.1	8.590	5.421	32.3	10.158	25.2	8.083	0.220	0.607	70.1	0.646	17.6	1.033	0.323	17.4	1.082
248306.9	842798.1	140.2	8.506	5.370	32.3	10.059	25.3	8.005	0.219	0.603	70.0	0.641	17.3	1.021	0.313	17.0	1.068
248306.2	842797.4	140.2	8.420	5.319	32.3	9.960	25.3	7.926	0.217	0.599	70.0	0.637	17.0	1.008	0.300	16.6	1.052
248305.5	842796.6	140.3	8.335	5.268	32.3	9.860	25.4	7.847	0.216	0.595	70.0	0.633	16.7	0.995	0.285	16.0	1.035
248304.8	842795.9	140.3	8.252	5.219	32.3	9.764	25.5	7.770	0.215	0.591	70.0	0.629	16.3	0.982	0.271	15.4	1.019
248304.1	842795.2	140.4	8.172	5.171	32.3	9.670	25.6	7.695	0.213	0.587	70.0	0.625	16.0	0.969	0.258	14.9	1.003
248303.4	842794.5	140.4	8.098	5.127	32.3	9.584	25.7	7.627	0.212	0.584	70.0	0.621	15.7	0.957	0.248	14.5	0.989
248302.7	842793.8	140.5	8.026	5.086	32.4	9.502	25.8	7.561	0.211	0.580	70.0	0.618	15.5	0.945	0.238	14.1	0.975
248302.0	842793.0	140.5	7.958	5.046	32.4	9.423	25.9	7.499	0.210	0.577	70.0	0.614	15.2	0.934	0.229	13.8	0.961
248301.3	842792.3	140.6	7.900	5.012	32.4	9.356	26.0	7.445	0.209	0.574	70.0	0.611	15.1	0.924	0.227	13.8	0.952
248300.6	842791.6	140.7	7.874	4.998	32.4	9.327	26.0	7.422	0.210	0.572	69.8	0.609	15.7	0.924	0.253	15.3	0.958
248299.9	842790.9	140.8	7.846	4.983	32.4	9.295	26.1	7.396	0.211	0.569	69.7	0.607	16.1	0.921	0.272	16.5	0.961
248299.2	842790.2	140.9	7.824	4.972	32.4	9.270	26.2	7.377	0.212	0.567	69.5	0.605	16.6	0.920	0.295	17.8	0.966
248298.5	842789.5	141.0	7.801	4.960	32.4	9.245	26.2	7.357	0.212	0.565	69.4	0.604	17.0	0.918	0.314	18.9	0.970
248297.8	842788.7	141.0	7.771	4.944	32.5	9.211	26.3	7.330	0.212	0.563	69.4	0.602	17.1	0.911	0.322	19.4	0.967
248297.1	842788.0	141.1	7.747	4.930	32.5	9.183	26.4	7.307	0.212	0.562	69.3	0.600	17.2	0.905	0.330	20.0	0.964
248296.4	842787.3	141.2	7.728	4.920	32.5	9.162	26.4	7.291	0.212	0.561	69.3	0.599	17.4	0.900	0.340	20.7	0.962
248295.7	842786.6	141.2	7.712	4.911	32.5	9.143	26.4	7.276	0.212	0.560	69.3	0.599	17.4	0.893	0.346	21.2	0.958
248295.0	842785.9	141.4	7.750	4.936	32.5	9.189	26.5	7.312	0.214	0.560	69.1	0.600	18.6	0.903	0.400	23.9	0.988
248294.3	842785.2	141.6	7.830	4.987	32.5	9.283	26.4	7.387	0.219	0.561	68.6	0.602	20.7	0.924	0.487	27.8	1.045
248293.7	842784.4	141.7	7.845	4.996	32.5	9.301	26.4	7.401	0.220	0.561	68.6	0.603	21.0	0.923	0.507	28.8	1.052
248293.0	842783.7	141.7	7.852	5.000	32.5	9.308	26.4	7.407	0.219	0.562	68.7	0.604	21.0	0.916	0.511	29.2	1.049
248292.3	842783.0	141.8	7.867	5.008	32.5	9.326	26.4	7.421	0.219	0.564	68.8	0.605	21.0	0.910	0.518	29.6	1.047
248291.6	842782.3	141.8	7.892	5.021	32.5	9.354	26.4	7.443	0.219	0.565	68.8	0.606	21.1	0.906	0.526	30.1	1.047

Max BF along centerline is 42.694 (uT) at 263.000 (m) from structure BG1/BN1-7

Cross section results at max BF along centerline between structures BG1/BN1-7 and BG1/BN1-8





3D EMF Point Results Span from [redacted]-7 to [redacted]-8:

Measurement			B					H	EF					Space Potential			
X (m)	Y (m)	Z (m)	Real (uT)	Imaginary (uT)	Angle (deg)	Magnitude (uT)	Polarization Axial Ratio %	Magnitude (A/m)	Real (kV/m)	Imaginary (kV/m)	Angle (deg)	Magnitude (kV/m)	Polarization Axial Ratio %	Real (kV)	Imaginary (kV)	Angle (deg)	Magnitude (kV)

248458.4	842932.5	130.4	22.264	11.406	27.1	25.015	27.0	19.907	3.201	0.836	14.6	3.309	1.3	1.687	-0.982	-30.2	1.952
248457.7	842933.2	130.5	23.741	11.975	26.8	26.590	25.6	21.160	3.411	0.797	13.1	3.503	1.2	2.145	-1.052	-26.1	2.389
248456.9	842933.9	130.6	25.202	12.557	26.5	28.157	24.2	22.407	3.577	0.745	11.8	3.654	1.1	2.611	-1.113	-23.1	2.839
248456.2	842934.6	130.7	26.617	13.150	26.3	29.688	22.8	23.625	3.687	0.680	10.4	3.749	1.0	3.067	-1.163	-20.8	3.281
248455.5	842935.3	130.7	27.965	13.758	26.2	31.166	21.4	24.801	3.729	0.602	9.2	3.777	0.9	3.505	-1.204	-19.0	3.706
248454.8	842936.0	130.8	29.238	14.389	26.2	32.587	20.0	25.932	3.697	0.510	7.9	3.732	0.8	3.923	-1.237	-17.5	4.114
248454.1	842936.7	130.9	30.503	15.078	26.3	34.026	18.6	27.077	3.588	0.403	6.4	3.611	0.8	4.383	-1.267	-16.1	4.562
248453.4	842937.4	131.0	31.630	15.788	26.5	35.352	17.3	28.132	3.403	0.282	4.7	3.415	1.0	4.744	-1.273	-15.0	4.911
248452.6	842938.1	131.2	32.611	16.524	26.9	36.558	16.0	29.092	3.147	0.148	2.7	3.151	1.5	4.989	-1.250	-14.1	5.144
248451.9	842938.8	131.3	33.444	17.291	27.3	37.650	14.9	29.961	2.829	0.078	1.6	2.830	2.7	5.111	-1.194	-13.2	5.249
248451.2	842939.5	131.4	34.141	18.093	27.9	38.639	13.9	30.748	2.460	0.234	5.4	2.471	5.1	5.106	-1.100	-12.2	5.224
248450.5	842940.2	131.5	34.720	18.938	28.6	39.549	13.0	31.472	2.054	0.444	12.2	2.101	9.8	4.978	-0.960	-10.9	5.070
248449.8	842940.9	131.6	35.139	19.799	29.4	40.333	12.3	32.096	1.623	0.687	22.9	1.762	18.6	4.708	-0.777	-9.4	4.772
248449.0	842941.6	131.7	35.470	20.702	30.3	41.070	11.8	32.682	1.189	0.963	39.0	1.530	32.6	4.340	-0.542	-7.1	4.373
248448.3	842942.3	131.8	35.754	21.657	31.2	41.801	11.5	33.264	0.795	1.275	58.1	1.502	43.2	3.889	-0.246	-3.6	3.897
248447.6	842943.0	131.9	36.004	22.663	32.2	42.543	11.4	33.855	0.581	1.621	70.3	1.722	35.8	3.364	0.120	2.0	3.366
248446.9	842943.7	132.0	36.229	23.716	33.2	43.302	11.5	34.458	0.745	2.000	69.6	2.134	24.2	2.770	0.563	11.5	2.827
248446.2	842944.4	132.1	36.427	24.803	34.3	44.070	11.8	35.069	1.131	2.405	64.8	2.658	16.2	2.113	1.088	27.2	2.377
248445.5	842945.1	132.2	36.581	25.900	35.3	44.822	12.3	35.668	1.574	2.826	60.9	3.235	11.2	1.400	1.693	50.4	2.197
248444.7	842945.8	132.3	36.648	26.954	36.3	45.493	13.1	36.202	2.018	3.245	58.1	3.821	8.0	0.650	2.355	74.6	2.443
248444.0	842946.5	132.4	36.520	27.850	37.3	45.927	14.1	36.548	2.435	3.637	56.2	4.377	6.0	-0.081	2.994	-88.4	2.995
248443.3	842947.2	132.4	36.229	28.584	38.3	46.148	15.3	36.723	2.808	3.976	54.8	4.868	4.8	-0.799	3.628	-77.6	3.715
248442.6	842947.9	132.5	35.736	29.094	39.1	46.082	16.7	36.671	3.119	4.230	53.6	5.255	4.1	-1.483	4.222	-70.6	4.475
248441.9	842948.5	132.6	35.003	29.313	39.9	45.655	18.3	36.331	3.351	4.372	52.5	5.508	3.8	-2.109	4.731	-66.0	5.180
248441.1	842949.2	132.7	34.009	29.191	40.6	44.819	20.1	35.666	3.494	4.384	51.4	5.606	3.8	-2.652	5.112	-62.6	5.759
248440.4	842949.9	132.7	32.762	28.707	41.2	43.560	22.0	34.664	3.545	4.262	50.2	5.544	4.1	-3.092	5.335	-59.9	6.166
248439.7	842950.6	132.8	31.293	27.873	41.7	41.907	23.9	33.348	3.509	4.018	48.9	5.335	4.6	-3.420	5.385	-57.6	6.379
248439.0	842951.3	132.9	29.657	26.734	42.0	39.928	26.0	31.774	3.398	3.677	47.3	5.007	5.3	-3.634	5.270	-55.4	6.402
248438.3	842952.0	132.9	27.918	25.357	42.2	37.715	28.1	30.012	3.229	3.273	45.4	4.598	6.2	-3.744	5.012	-53.2	6.256
248437.6	842952.7	133.0	26.133	23.809	42.3	35.352	30.1	28.132	3.020	2.837	43.2	4.143	7.2	-3.754	4.638	-51.0	5.966
248436.8	842953.4	133.1	24.358	22.168	42.3	32.935	32.2	26.209	2.788	2.399	40.7	3.678	8.4	-3.684	4.188	-48.7	5.577

Centerline results between structures [redacted]-8 and [redacted]-9

3D EMF Point Results Centerline from [redacted]-8 to [redacted]-9:

-------Measurement-------			-------------------------B--------------------------					H	------------------------EF-------------------------					----------Space Potential----------				
X	Y	Z	Real	Imaginary	Angle	Magnitude	Polarization	Magnitude	Real	Imaginary	Angle	Magnitude	Polarization	Real	Imaginary	Angle	Magnitude
(m)	(m)	(m)	(uT)	(uT)	(deg)	(uT)	Axial Ratio %	(A/m)	(kV/m)	(kV/m)	(deg)	(kV/m)	Axial Ratio %	(kV)	(kV)	(deg)	(kV)
248290.5	842781.2	141.9	7.948	5.051	32.4	9.418	26.3	7.494	0.219	0.569	69.0	0.610	21.2	0.900	0.542	31.1	1.051
248289.8	842780.5	142.0	8.005	5.082	32.4	9.482	26.2	7.546	0.219	0.572	69.1	0.613	21.6	0.900	0.562	32.0	1.061
248289.1	842779.7	142.0	8.073	5.119	32.4	9.559	26.1	7.607	0.220	0.576	69.1	0.617	22.0	0.901	0.585	33.0	1.074
248288.4	842779.0	142.1	8.151	5.163	32.3	9.648	25.9	7.678	0.220	0.580	69.2	0.621	22.4	0.903	0.610	34.1	1.090
248287.7	842778.3	142.2	8.256	5.222	32.3	9.768	25.8	7.773	0.222	0.585	69.2	0.626	23.3	0.910	0.653	35.7	1.120
248287.0	842777.6	142.3	8.364	5.282	32.3	9.893	25.6	7.872	0.224	0.591	69.2	0.632	24.1	0.917	0.692	37.1	1.149
248286.3	842776.9	142.3	8.465	5.337	32.2	10.008	25.4	7.964	0.225	0.596	69.3	0.637	24.5	0.919	0.717	38.0	1.166
248285.6	842776.2	142.3	8.536	5.373	32.2	10.086	25.2	8.027	0.223	0.602	69.7	0.642	24.1	0.911	0.708	37.8	1.154
248284.9	842775.4	142.3	8.609	5.409	32.1	10.167	25.1	8.091	0.220	0.608	70.1	0.646	23.6	0.903	0.695	37.6	1.140
248284.2	842774.7	142.3	8.699	5.455	32.1	10.268	24.9	8.171	0.218	0.614	70.4	0.652	23.4	0.898	0.692	37.6	1.134
248283.5	842774.0	142.3	8.797	5.505	32.0	10.377	24.7	8.258	0.217	0.621	70.8	0.658	23.2	0.895	0.691	37.7	1.130
248282.8	842773.3	142.3	8.902	5.560	32.0	10.496	24.4	8.352	0.215	0.628	71.1	0.664	23.0	0.892	0.692	37.8	1.129
248282.1	842772.6	142.3	9.014	5.620	31.9	10.622	24.2	8.453	0.213	0.635	71.5	0.670	22.9	0.891	0.694	37.9	1.130
248281.5	842771.8	142.3	9.133	5.683	31.9	10.756	24.0	8.560	0.211	0.643	71.8	0.677	22.9	0.890	0.699	38.1	1.132
248280.8	842771.1	142.3	9.263	5.753	31.8	10.904	23.8	8.677	0.210	0.651	72.1	0.684	23.0	0.892	0.711	38.6	1.141
248280.1	842770.4	142.2	9.383	5.817	31.8	11.040	23.5	8.785	0.208	0.659	72.5	0.691	22.9	0.891	0.711	38.6	1.140
248279.4	842769.7	142.2	9.509	5.884	31.8	11.182	23.3	8.898	0.206	0.667	72.9	0.698	22.8	0.891	0.712	38.6	1.141
248278.7	842769.0	142.2	9.639	5.955	31.7	11.330	23.1	9.016	0.204	0.675	73.2	0.705	22.7	0.892	0.716	38.7	1.144
248278.0	842768.3	142.2	9.774	6.028	31.7	11.483	22.8	9.138	0.201	0.684	73.6	0.713	22.7	0.894	0.722	38.9	1.149
248277.3	842767.5	142.2	9.913	6.104	31.6	11.641	22.6	9.264	0.200	0.692	73.9	0.720	22.7	0.897	0.730	39.1	1.156
248276.6	842766.8	142.1	10.037	6.171	31.6	11.782	22.4	9.376	0.196	0.700	74.3	0.727	22.4	0.897	0.723	38.9	1.152
248275.9	842766.1	142.1	10.162	6.239	31.5	11.924	22.2	9.489	0.193	0.709	74.8	0.735	22.1	0.897	0.717	38.6	1.149
248275.2	842765.4	142.0	10.290	6.309	31.5	12.070	22.0	9.605	0.190	0.717	75.2	0.742	21.9	0.898	0.713	38.4	1.147
248274.5	842764.7	142.0	10.413	6.376	31.5	12.210	21.8	9.716	0.186	0.726	75.6	0.749	21.6	0.899	0.704	38.1	1.142
248273.8	842763.9	141.9	10.537	6.444	31.4	12.351	21.6	9.829	0.182	0.734	76.1	0.756	21.3	0.901	0.696	37.7	1.138
248273.1	842763.2	141.9	10.661	6.512	31.4	12.493	21.3	9.942	0.178	0.742	76.5	0.763	20.9	0.902	0.687	37.3	1.134
248272.4	842762.5	141.8	10.768	6.570	31.4	12.614	21.2	10.038	0.173	0.750	77.0	0.770	20.3	0.903	0.665	36.4	1.121
248271.7	842761.8	141.7	10.876	6.629	31.4	12.737	21.0	10.136	0.167	0.758	77.6	0.776	19.8	0.904	0.643	35.4	1.109
248271.0	842761.1	141.6	10.984	6.688	31.3	12.860	20.8	10.234	0.162	0.766	78.1	0.783	19.2	0.905	0.622	34.5	1.099
248270.3	842760.4	141.5	11.093	6.749	31.3	12.985	20.6	10.333	0.157	0.774	78.6	0.790	18.7	0.908	0.603	33.6	1.090
248269.6	842759.6	141.5	11.223	6.822	31.3	13.134	20.4	10.451	0.154	0.782	78.9	0.797	18.5	0.912	0.601	33.4	1.092
248268.9	842758.9	141.4	11.353	6.896	31.3	13.283	20.2	10.571	0.152	0.790	79.1	0.805	18.4	0.916	0.600	33.2	1.095
248268.2	842758.2	141.4	11.484	6.971	31.3	13.434	20.0	10.691	0.150	0.798	79.4	0.812	18.2	0.920	0.600	33.1	1.099
248267.5	842757.5	141.3	11.616	7.046	31.2	13.586	19.9	10.812	0.148	0.806	79.6	0.820	18.1	0.925	0.602	33.1	1.103
248266.8	842756.8	141.2	11.749	7.123	31.2	13.739	19.7	10.933	0.148	0.814	79.7	0.828	18.0	0.929	0.605	33.1	1.108
248266.1	842756.0	141.2	11.882	7.200	31.2	13.893	19.5	11.056	0.147	0.822	79.8	0.835	17.9	0.933	0.609	33.2	1.114
248265.4	842755.3	141.1	12.016	7.278	31.2	14.048	19.3	11.179	0.148	0.830	79.9	0.843	17.8	0.936	0.615	33.3	1.120
248264.7	842754.6	141.1	12.136	7.347	31.2	14.186	19.1	11.289	0.147	0.838	80.1	0.851	17.5	0.939	0.610	33.0	1.120
248264.1	842753.9	141.0	12.246	7.411	31.2	14.314	19.0	11.391	0.146	0.845	80.2	0.858	17.1	0.943	0.598	32.4	1.116
248263.4	842753.2	140.9	12.356	7.475	31.2	14.441	18.8	11.492	0.145	0.853	80.4	0.865	16.7	0.946	0.587	31.8	1.113
248262.7	842752.5	140.8	12.467	7.539	31.2	14.569	18.7	11.594	0.145	0.861	80.4	0.873	16.4	0.948	0.577	31.3	1.110
248262.0	842751.7	140.7	12.577	7.604	31.2	14.696	18.5	11.695	0.145	0.868	80.5	0.880	16.0	0.951	0.567	30.8	1.107
248261.3	842751.0	140.7	12.686	7.668	31.2	14.824	18.3	11.796	0.147	0.876	80.5	0.888	15.7	0.953	0.558	30.3	1.105
248260.6	842750.3	140.6	12.796	7.733	31.1	14.951	18.2	11.898	0.149	0.883	80.4	0.896	15.4	0.955	0.550	29.9	1.102

248259.9	842749.6	140.5	12.912	7.802	31.1	15.086	18.0	12.005	0.152	0.891	80.3	0.904	15.1	0.957	0.548	29.8	1.102
248259.2	842748.9	140.4	13.030	7.873	31.1	15.223	17.9	12.114	0.156	0.898	80.1	0.912	14.9	0.958	0.548	29.8	1.103
248258.5	842748.2	140.3	13.147	7.943	31.1	15.361	17.7	12.224	0.161	0.906	79.9	0.920	14.7	0.958	0.549	29.8	1.104
248257.8	842747.4	140.3	13.291	8.030	31.1	15.528	17.6	12.357	0.169	0.913	79.5	0.929	14.8	0.955	0.572	30.9	1.113
248257.1	842746.7	140.2	13.413	8.105	31.1	15.672	17.4	12.471	0.175	0.921	79.3	0.937	14.7	0.953	0.579	31.3	1.115
248256.4	842746.0	140.2	13.539	8.182	31.1	15.819	17.2	12.589	0.182	0.928	78.9	0.946	14.7	0.950	0.589	31.8	1.118
248255.7	842745.3	140.1	13.677	8.266	31.1	15.981	17.1	12.717	0.190	0.936	78.5	0.955	14.7	0.945	0.610	32.9	1.125
248255.0	842744.6	140.1	13.814	8.351	31.2	16.142	16.9	12.846	0.199	0.943	78.1	0.964	14.8	0.938	0.632	34.0	1.131
248254.3	842743.8	140.0	13.952	8.436	31.2	16.304	16.8	12.975	0.208	0.951	77.7	0.973	14.8	0.930	0.655	35.2	1.138
248253.6	842743.1	139.9	14.089	8.522	31.2	16.466	16.6	13.103	0.217	0.958	77.2	0.983	14.9	0.921	0.679	36.4	1.145
248252.9	842742.4	139.9	14.227	8.608	31.2	16.628	16.5	13.232	0.227	0.966	76.8	0.992	15.0	0.911	0.704	37.7	1.152
248252.2	842741.7	139.8	14.352	8.686	31.2	16.776	16.3	13.350	0.235	0.973	76.4	1.001	14.9	0.901	0.721	38.7	1.154
248251.5	842741.0	139.8	14.476	8.764	31.2	16.922	16.2	13.466	0.244	0.980	76.0	1.010	14.8	0.890	0.736	39.6	1.155
248250.8	842740.3	139.7	14.598	8.841	31.2	17.067	16.0	13.582	0.253	0.987	75.6	1.019	14.8	0.878	0.753	40.6	1.157
248250.1	842739.5	139.6	14.696	8.903	31.2	17.183	15.9	13.673	0.260	0.994	75.3	1.027	14.5	0.869	0.751	40.8	1.148
248249.4	842738.8	139.5	14.764	8.947	31.2	17.263	15.8	13.738	0.265	1.001	75.2	1.035	13.9	0.863	0.726	40.0	1.128
248248.7	842738.1	139.4	14.838	8.993	31.2	17.351	15.6	13.807	0.271	1.007	74.9	1.043	13.4	0.857	0.706	39.5	1.110
248248.0	842737.4	139.3	14.923	9.048	31.2	17.452	15.5	13.888	0.278	1.014	74.6	1.051	13.0	0.847	0.697	39.5	1.097
248247.3	842736.7	139.2	15.008	9.102	31.2	17.552	15.4	13.968	0.286	1.020	74.4	1.059	12.7	0.836	0.689	39.5	1.083
248246.7	842735.9	139.1	15.091	9.156	31.2	17.652	15.3	14.047	0.293	1.026	74.1	1.067	12.3	0.825	0.680	39.5	1.070
248246.0	842735.2	139.0	15.182	9.215	31.3	17.759	15.1	14.133	0.301	1.033	73.7	1.076	12.0	0.812	0.679	39.9	1.058
248245.3	842734.5	138.9	15.274	9.276	31.3	17.870	15.0	14.220	0.310	1.039	73.4	1.084	11.8	0.797	0.680	40.5	1.047
248244.6	842733.8	138.8	15.366	9.336	31.3	17.980	14.9	14.308	0.318	1.046	73.1	1.093	11.5	0.781	0.681	41.1	1.036
248243.9	842733.1	138.8	15.457	9.396	31.3	18.088	14.7	14.394	0.327	1.052	72.8	1.101	11.3	0.764	0.683	41.8	1.024
248243.2	842732.4	138.7	15.549	9.457	31.3	18.199	14.6	14.482	0.335	1.058	72.4	1.110	11.0	0.746	0.686	42.6	1.013
248242.5	842731.6	138.6	15.643	9.519	31.3	18.312	14.5	14.572	0.344	1.064	72.1	1.119	10.8	0.726	0.692	43.6	1.003
248241.8	842730.9	138.5	15.737	9.582	31.3	18.424	14.4	14.661	0.353	1.071	71.7	1.127	10.6	0.705	0.698	44.7	0.992
248241.1	842730.2	138.4	15.828	9.643	31.4	18.534	14.2	14.749	0.362	1.077	71.4	1.136	10.4	0.684	0.703	45.8	0.980
248240.4	842729.5	138.3	15.916	9.702	31.4	18.640	14.1	14.833	0.371	1.083	71.1	1.145	10.1	0.663	0.705	46.8	0.968
248239.7	842728.8	138.3	16.003	9.761	31.4	18.745	14.0	14.917	0.380	1.089	70.8	1.154	9.9	0.641	0.707	47.8	0.954
248239.0	842728.0	138.2	16.089	9.820	31.4	18.849	13.9	15.000	0.389	1.096	70.5	1.163	9.6	0.618	0.709	48.9	0.941
248238.3	842727.3	138.1	16.174	9.878	31.4	18.952	13.8	15.082	0.398	1.102	70.2	1.171	9.4	0.595	0.710	50.1	0.927
248237.6	842726.6	138.0	16.259	9.937	31.4	19.055	13.6	15.164	0.407	1.108	69.8	1.180	9.1	0.571	0.712	51.3	0.913
248236.9	842725.9	137.9	16.350	10.000	31.5	19.166	13.5	15.252	0.416	1.115	69.5	1.190	8.9	0.545	0.719	52.8	0.902
248236.2	842725.2	137.8	16.441	10.063	31.5	19.276	13.4	15.339	0.425	1.121	69.2	1.199	8.6	0.518	0.725	54.4	0.891
248235.5	842724.5	137.8	16.530	10.125	31.5	19.385	13.3	15.426	0.435	1.128	68.9	1.209	8.4	0.492	0.730	56.0	0.880
248234.8	842723.7	137.7	16.619	10.187	31.5	19.493	13.2	15.512	0.444	1.134	68.6	1.218	8.2	0.465	0.734	57.7	0.869
248234.1	842723.0	137.6	16.706	10.249	31.5	19.599	13.0	15.597	0.454	1.141	68.3	1.228	7.9	0.438	0.737	59.3	0.858
248233.4	842722.3	137.5	16.793	10.311	31.5	19.705	12.9	15.681	0.463	1.148	68.0	1.238	7.7	0.411	0.740	61.0	0.846
248232.7	842721.6	137.4	16.878	10.372	31.6	19.810	12.8	15.764	0.473	1.154	67.7	1.248	7.4	0.384	0.741	62.6	0.834
248232.0	842720.9	137.4	16.962	10.432	31.6	19.914	12.7	15.847	0.483	1.161	67.4	1.258	7.1	0.357	0.741	64.2	0.822
248231.3	842720.1	137.3	17.048	10.494	31.6	20.019	12.6	15.931	0.493	1.168	67.1	1.268	6.9	0.331	0.741	66.0	0.812
248230.6	842719.4	137.2	17.166	10.577	31.6	20.163	12.5	16.045	0.504	1.175	66.8	1.279	6.8	0.293	0.768	69.1	0.821
248229.9	842718.7	137.2	17.317	10.685	31.7	20.348	12.3	16.192	0.516	1.183	66.4	1.291	6.9	0.243	0.822	73.5	0.857
248229.3	842718.0	137.2	17.465	10.790	31.7	20.529	12.2	16.336	0.529	1.191	66.1	1.303	6.9	0.194	0.873	77.5	0.894
248228.6	842717.3	137.1	17.600	10.887	31.7	20.695	12.0	16.469	0.541	1.199	65.7	1.315	6.9	0.149	0.912	80.7	0.924
248227.9	842716.6	137.1	17.734	10.984	31.8	20.861	11.9	16.600	0.553	1.207	65.4	1.327	6.9	0.104	0.950	83.7	0.956
248227.2	842715.8	137.1	17.869	11.082	31.8	21.026	11.8	16.732	0.565	1.215	65.1	1.340	6.8	0.060	0.987	86.5	0.989
248226.5	842715.1	137.0	17.995	11.175	31.8	21.182	11.6	16.856	0.577	1.223	64.7	1.352	6.7	0.019	1.017	89.0	1.017
248225.8	842714.4	137.0	18.102	11.254	31.9	21.315	11.5	16.962	0.589	1.231	64.4	1.365	6.5	-0.015	1.030	-89.2	1.030
248225.1	842713.7	136.9	18.208	11.334	31.9	21.447	11.4	17.067	0.600	1.239	64.1	1.377	6.3	-0.047	1.041	-87.4	1.042
248224.4	842713.0	136.8	18.313	11.413	31.9	21.579	11.3	17.172	0.612	1.248	63.9	1.390	6.1	-0.078	1.050	-85.8	1.053
248223.7	842712.2	136.8	18.418	11.492	32.0	21.709	11.1	17.275	0.624	1.256	63.6	1.403	5.9	-0.108	1.058	-84.2	1.063
248223.0	842711.5	136.7	18.521	11.571	32.0	21.838	11.0	17.378	0.636	1.264	63.3	1.415	5.7	-0.137	1.064	-82.7	1.072
248222.3	842710.8	136.7	18.623	11.649	32.0	21.966	10.9	17.480	0.649	1.273	63.0	1.429	5.5	-0.164	1.067	-81.3	1.080
248221.6	842710.1	136.6	18.724	11.727	32.1	22.094	10.8	17.582	0.661	1.282	62.7	1.442	5.3	-0.190	1.069	-79.9	1.086
248220.9	842709.4	136.6	18.825	11.805	32.1	22.220	10.7	17.682	0.673	1.290	62.4	1.455	5.1	-0.214	1.069	-78.7	1.090
248220.2	842708.7	136.5	18.924	11.882	32.1	22.345	10.5	17.782	0.686	1.299	62.2	1.469	4.9	-0.236	1.066	-77.5	1.092
248219.5	842707.9	136.4	19.022	11.960	32.2	22.470	10.4	17.881	0.699	1.308	61.9	1.483	4.6	-0.257	1.062	-76.4	1.092
248218.8	842707.2	136.4	19.128	12.042	32.2	22.603	10.3	17.987	0.712	1.317	61.6	1.497	4.4	-0.279	1.062	-75.3	1.098
248218.1	842706.5	136.4	19.260	12.145	32.2	22.769	10.2	18.119	0.726	1.327	61.3	1.512	4.3	-0.313	1.083	-73.9	1.127
248217.4	842705.8	136.3	19.396	12.250	32.3	22.940	10.0	18.255	0.740	1.337	61.0	1.528	4.2	-0.347	1.105	-72.6	1.158
248216.7	842705.1	136.3	19.531	12.355	32.3	23.111	9.9	18.391	0.754	1.347	60.8	1.543	4.1	-0.379	1.125	-71.4	1.188
248216.0	842704.4	136.3	19.665	12.461	32.4	23.281	9.8	18.526	0.768	1.357	60.5	1.559	4.0	-0.409	1.143	-70.3	1.214
248215.3	842703.6	136.2	19.799	12.567	32.4	23.450	9.6	18.661	0.783	1.367	60.2	1.576	3.9	-0.438	1.158	-69.3	1.238
248214.6	842702.9	136.2	19.936	12.675	32.4	23.624	9.5	18.799	0.798	1.378	59.9	1.592	3.8	-0.466	1.174	-68.4	1.263
248213.9	842702.2	136.2	20.083	12.792	32.5	23.811	9.4	18.948	0.814	1.389	59.6	1.610	3.7	-0.497	1.196	-67.4	1.295
248213.2	842701.5	136.2	20.229	12.909	32.5	23.997	9.2	19.096	0.829	1.400	59.4	1.627	3.6	-0.527	1.215	-66.6	1.324
248212.5	842700.8	136.1	20.357	13.013	32.6	24.161	9.1	19.227	0.845	1.412	59.1	1.645	3.4	-0.544	1.215	-65.9	1.332
248211.9	842700.0	136.2	20.565	13.176	32.6	24.424	8.9	19.436	0.862	1.424	58.8	1.665	3.5	-0.602	1.282	-64.9	1.416
248211.2	842699.3	136.2	20.775	13.343	32.7	24.691	8.8	19.649	0.880	1.437	58.5	1.685	3.6	-0.659	1.349	-64.0	1.501
248210.5	842698.6	136.2	20.986	13.511	32.8	24.959	8.6	19.862	0.898	1.451	58.2	1.706	3.6	-0.715	1.413	-63.1	1.583
248209.8	842697.9	136.2	21.197	13.680	32.8	25.228	8.4	20.076	0.917	1.465	58.0	1.728	3.7	-0.770	1.474	-62.4	1.663
248209.1	842697.2	136.2	21.408	13.850	32.9	25.498	8.3	20.291	0.936	1.479	57.7	1.750	3.7	-0.824	1.534	-61.8	1.741
248208.4	842696.5	136.3	21.620	14.023	33.0	25.770	8.1	20.507	0.955	1.493	57.4	1.772	3.7	-0.877	1.592	-61.1	1.817
248207.7	842695.7	136.2	21.788	14.162	33.0	25.986	7.9	20.679	0.973	1.507	57.2	1.794	3.6	-0.903	1.608	-60.7	1.844
248207.0	842695.0	136.2	21.935	14.287	33.1	26.178	7.8	20.832	0.990	1.521	56.9	1.815	3.5	-0.917	1.606	-60.3	1.849
248206.3	842694.3	136.2	22.082	14.413	33.1	26.370	7.7	20.984	1.008	1.536	56.7	1.837	3.4	-0.928	1.600	-59.9	1.850
248205.6	842693.6	136.2	22.229	14.538	33.2	26.561	7.5	21.136	1.027	1.550	56.5	1.859	3.2	-0.937	1.592	-59.5	1.848
248204.9	842692.9	136.2	22.374	14.664	33.2	26.751	7.4	21.288	1.045	1.565	56.3	1.882	3.1	-0.944	1.582	-59.2	1.842
248204.2	842692.1	136.2	22.562	14.823	33.3	26.995	7.2	21.482	1.064	1.580	56.0	1.905	3.1	-0.975	1.607	-58.8	1.879
248203.5	842691.4	136.2	22.782	15.008	33.4	27.281	7.1	21.710	1.084	1.596	55.8	1.929	3.1	-1.024	1.659	-58.3	1.950
248202.8	842690.7	136.2	23.002	15.195	33.4	27.568	6.9	21.938	1.104	1.612	55.6	1.954	3.1	-1.073	1.711	-57.9	2.020
248202.1	842690.0	136.3	23.223	15.383	33.5	27.856	6.7	22.167	1.125	1.627	55.4	1.978	3.1	-1.122	1.763	-57.5	2.089
248201.4	842689.3	136.3	23.443	15.573	33.6	28.144	6.6	22.397	1.145	1.643	55.1	2.003	3.1	-1.172	1.814	-57.1	2.159
248200.7	842688.6	136.3	23.653	15.755	33.7	28.419	6.4	22.615	1.165	1.659	54.9	2.027	3.0	-1.214	1.856	-56.8	2.217
248200.0	842687.8	136.3	23.837	15.918	33.7	28.664	6.2	22.810	1.184	1.674	54.7	2.050	3.0	-1.242	1.876	-56.5	2.249

248199.3	842687.1	136.3	24.007	16.070	33.8	28.889	6.1	22.989	1.203	1.689	54.5	2.073	2.9	-1.260	1.883	-56.2	2.266
248198.6	842686.4	136.3	24.176	16.223	33.9	29.114	5.9	23.169	1.221	1.703	54.4	2.096	2.8	-1.278	1.891	-55.9	2.282
248197.9	842685.7	136.3	24.344	16.376	33.9	29.339	5.8	23.347	1.240	1.718	54.2	2.118	2.7	-1.296	1.899	-55.7	2.299
248197.2	842685.0	136.3	24.512	16.529	34.0	29.564	5.7	23.526	1.258	1.732	54.0	2.141	2.6	-1.314	1.907	-55.4	2.316
248196.5	842684.2	136.3	24.678	16.682	34.1	29.788	5.5	23.704	1.276	1.746	53.8	2.163	2.5	-1.332	1.917	-55.2	2.334
248195.8	842683.5	136.3	24.817	16.814	34.1	29.977	5.4	23.855	1.293	1.759	53.7	2.184	2.4	-1.333	1.903	-55.0	2.323
248195.1	842682.8	136.3	24.947	16.938	34.2	30.154	5.3	23.996	1.310	1.772	53.5	2.204	2.3	-1.328	1.882	-54.8	2.303
248194.5	842682.1	136.2	25.076	17.062	34.2	30.330	5.1	24.136	1.327	1.785	53.4	2.224	2.2	-1.323	1.861	-54.6	2.284
248193.8	842681.4	136.2	25.203	17.186	34.3	30.505	5.0	24.275	1.344	1.797	53.2	2.244	2.1	-1.318	1.842	-54.4	2.265
248193.1	842680.7	136.2	25.329	17.310	34.3	30.679	4.9	24.414	1.360	1.809	53.1	2.263	2.0	-1.312	1.822	-54.2	2.246
248192.4	842679.9	136.2	25.453	17.432	34.4	30.851	4.8	24.550	1.376	1.821	52.9	2.282	1.9	-1.306	1.802	-54.1	2.226
248191.7	842679.2	136.2	25.575	17.553	34.5	31.019	4.7	24.684	1.392	1.833	52.8	2.301	1.8	-1.298	1.781	-53.9	2.204
248191.0	842678.5	136.1	25.695	17.674	34.5	31.187	4.6	24.818	1.408	1.844	52.6	2.320	1.7	-1.290	1.761	-53.8	2.183
248190.3	842677.8	136.1	25.815	17.794	34.6	31.353	4.4	24.950	1.424	1.856	52.5	2.339	1.6	-1.281	1.740	-53.6	2.161
248189.6	842677.1	136.1	25.941	17.920	34.6	31.529	4.3	25.090	1.439	1.867	52.4	2.358	1.5	-1.278	1.726	-53.5	2.147
248188.9	842676.3	136.1	26.123	18.095	34.7	31.778	4.2	25.288	1.456	1.880	52.2	2.378	1.4	-1.315	1.765	-53.3	2.201
248188.2	842675.6	136.1	26.305	18.271	34.8	32.027	4.0	25.486	1.472	1.892	52.1	2.397	1.4	-1.353	1.805	-53.1	2.255
248187.5	842674.9	136.1	26.485	18.446	34.9	32.276	3.9	25.684	1.489	1.904	52.0	2.417	1.4	-1.391	1.844	-53.0	2.310
248186.8	842674.2	136.1	26.666	18.622	34.9	32.525	3.7	25.882	1.505	1.917	51.9	2.437	1.3	-1.429	1.883	-52.8	2.364
248186.1	842673.5	136.2	26.834	18.791	35.0	32.759	3.6	26.069	1.522	1.928	51.7	2.456	1.3	-1.458	1.915	-52.7	2.407
248185.4	842672.8	136.2	27.014	18.968	35.1	33.008	3.4	26.267	1.538	1.940	51.6	2.476	1.3	-1.497	1.955	-52.6	2.463
248184.7	842672.0	136.2	27.193	19.146	35.1	33.257	3.3	26.465	1.555	1.953	51.5	2.496	1.2	-1.537	1.996	-52.4	2.519
248184.0	842671.3	136.2	27.371	19.324	35.2	33.505	3.1	26.662	1.570	1.965	51.4	2.515	1.2	-1.577	2.037	-52.2	2.576
248183.3	842670.6	136.2	27.528	19.484	35.3	33.726	3.0	26.838	1.586	1.977	51.3	2.534	1.2	-1.603	2.059	-52.1	2.609
248182.6	842669.9	136.2	27.682	19.643	35.4	33.944	2.9	27.011	1.601	1.988	51.2	2.553	1.1	-1.627	2.081	-52.0	2.641
248181.9	842669.2	136.2	27.836	19.802	35.4	34.161	2.7	27.184	1.616	2.000	51.1	2.571	1.1	-1.653	2.103	-51.8	2.675
248181.2	842668.4	136.2	27.988	19.961	35.5	34.377	2.6	27.356	1.630	2.011	51.0	2.589	1.1	-1.679	2.127	-51.7	2.710
248180.5	842667.7	136.2	28.140	20.119	35.6	34.592	2.5	27.528	1.645	2.022	50.9	2.606	1.0	-1.706	2.153	-51.6	2.747
248179.8	842667.0	136.2	28.291	20.278	35.6	34.807	2.4	27.699	1.658	2.032	50.8	2.623	1.0	-1.735	2.180	-51.5	2.786
248179.1	842666.3	136.2	28.440	20.436	35.7	35.021	2.2	27.869	1.672	2.042	50.7	2.640	1.0	-1.765	2.210	-51.4	2.828
248178.4	842665.6	136.2	28.589	20.594	35.8	35.234	2.1	28.038	1.685	2.052	50.6	2.655	0.9	-1.796	2.242	-51.3	2.873
248177.7	842664.9	136.2	28.737	20.752	35.8	35.446	2.0	28.207	1.698	2.062	50.5	2.671	0.9	-1.830	2.276	-51.2	2.920
248177.0	842664.1	136.2	28.843	20.873	35.9	35.603	1.9	28.332	1.710	2.070	50.4	2.685	0.8	-1.833	2.274	-51.1	2.921
248176.4	842663.4	136.2	28.945	20.989	35.9	35.754	1.8	28.452	1.721	2.078	50.4	2.698	0.8	-1.835	2.271	-51.1	2.920
248175.7	842662.7	136.1	29.045	21.105	36.0	35.903	1.7	28.571	1.733	2.086	50.3	2.712	0.8	-1.838	2.271	-51.0	2.921
248175.0	842662.0	136.1	29.143	21.220	36.1	36.050	1.6	28.688	1.743	2.093	50.2	2.724	0.7	-1.842	2.272	-51.0	2.925
248174.3	842661.3	136.1	29.230	21.324	36.1	36.182	1.5	28.792	1.753	2.100	50.1	2.736	0.7	-1.840	2.267	-50.9	2.920
248173.6	842660.6	136.1	29.316	21.427	36.2	36.312	1.4	28.896	1.763	2.107	50.1	2.747	0.7	-1.840	2.264	-50.9	2.917
248172.9	842659.8	136.0	29.402	21.531	36.2	36.443	1.3	29.000	1.773	2.113	50.0	2.758	0.7	-1.844	2.265	-50.9	2.921
248172.2	842659.1	136.0	29.487	21.635	36.3	36.572	1.2	29.103	1.782	2.119	49.9	2.769	0.6	-1.849	2.270	-50.8	2.928
248171.5	842658.4	136.0	29.571	21.738	36.3	36.701	1.1	29.206	1.791	2.125	49.9	2.779	0.6	-1.857	2.278	-50.8	2.939
248170.8	842657.7	136.0	29.650	21.836	36.4	36.823	1.1	29.303	1.799	2.130	49.8	2.788	0.6	-1.865	2.286	-50.8	2.950
248170.1	842657.0	135.9	29.717	21.924	36.4	36.929	1.0	29.387	1.807	2.135	49.8	2.797	0.6	-1.866	2.287	-50.8	2.952
248169.4	842656.2	135.9	29.784	22.011	36.5	37.034	0.9	29.471	1.814	2.139	49.7	2.805	0.6	-1.870	2.292	-50.8	2.958
248168.7	842655.5	135.9	29.849	22.097	36.5	37.138	0.8	29.553	1.821	2.143	49.6	2.812	0.6	-1.877	2.300	-50.8	2.969
248168.0	842654.8	135.9	29.913	22.181	36.6	37.240	0.8	29.634	1.828	2.146	49.6	2.819	0.6	-1.886	2.312	-50.8	2.984
248167.3	842654.1	135.8	29.953	22.244	36.6	37.310	0.7	29.690	1.834	2.149	49.5	2.825	0.6	-1.880	2.307	-50.8	2.976
248166.6	842653.4	135.8	29.967	22.282	36.6	37.343	0.7	29.716	1.839	2.151	49.5	2.830	0.6	-1.854	2.279	-50.9	2.938
248165.9	842652.7	135.7	29.979	22.318	36.7	37.374	0.6	29.741	1.844	2.153	49.4	2.835	0.6	-1.830	2.255	-50.9	2.905
248165.2	842651.9	135.7	29.989	22.352	36.7	37.403	0.6	29.764	1.848	2.155	49.4	2.839	0.6	-1.809	2.235	-51.0	2.876
248164.5	842651.2	135.6	29.999	22.386	36.7	37.430	0.5	29.786	1.852	2.156	49.3	2.842	0.6	-1.791	2.218	-51.1	2.850
248163.8	842650.5	135.5	30.007	22.418	36.8	37.456	0.5	29.806	1.856	2.157	49.3	2.846	0.6	-1.774	2.204	-51.2	2.829
248163.1	842649.8	135.5	30.013	22.448	36.8	37.480	0.5	29.825	1.860	2.158	49.2	2.849	0.6	-1.760	2.193	-51.2	2.812
248162.4	842649.1	135.4	30.019	22.478	36.8	37.502	0.4	29.843	1.863	2.159	49.2	2.851	0.6	-1.748	2.184	-51.3	2.798
248161.7	842648.3	135.4	30.023	22.506	36.9	37.522	0.4	29.859	1.866	2.159	49.2	2.854	0.6	-1.738	2.179	-51.4	2.787
248161.0	842647.6	135.3	30.026	22.532	36.9	37.540	0.4	29.874	1.869	2.159	49.1	2.856	0.6	-1.729	2.177	-51.5	2.780
248160.3	842646.9	135.3	30.027	22.558	36.9	37.557	0.3	29.887	1.871	2.160	49.1	2.857	0.6	-1.723	2.176	-51.6	2.776
248159.6	842646.2	135.2	30.028	22.582	36.9	37.571	0.3	29.898	1.874	2.160	49.1	2.859	0.7	-1.718	2.178	-51.7	2.774
248159.0	842645.5	135.2	30.027	22.605	37.0	37.584	0.3	29.909	1.876	2.159	49.0	2.860	0.7	-1.715	2.182	-51.8	2.776
248158.3	842644.8	135.1	30.025	22.626	37.0	37.596	0.2	29.918	1.878	2.159	49.0	2.862	0.7	-1.713	2.188	-51.9	2.779
248157.6	842644.0	135.1	30.021	22.647	37.0	37.605	0.2	29.925	1.880	2.159	49.0	2.863	0.8	-1.713	2.196	-52.1	2.785
248156.9	842643.3	135.0	30.010	22.660	37.1	37.605	0.2	29.925	1.881	2.159	48.9	2.863	0.8	-1.708	2.200	-52.2	2.785
248156.2	842642.6	135.0	29.981	22.655	37.1	37.578	0.2	29.904	1.883	2.158	48.9	2.864	0.8	-1.690	2.187	-52.3	2.764
248155.5	842641.9	134.9	29.951	22.649	37.1	37.551	0.2	29.882	1.884	2.157	48.9	2.864	0.8	-1.672	2.176	-52.5	2.744
248154.8	842641.2	134.8	29.898	22.621	37.1	37.492	0.2	29.835	1.885	2.156	48.8	2.864	0.8	-1.637	2.144	-52.6	2.697
248154.1	842640.4	134.7	29.842	22.590	37.1	37.428	0.2	29.784	1.886	2.155	48.8	2.864	0.9	-1.600	2.111	-52.8	2.649
248153.4	842639.7	134.7	29.785	22.557	37.1	37.363	0.2	29.732	1.887	2.154	48.8	2.863	0.9	-1.563	2.078	-53.0	2.600
248152.7	842639.0	134.6	29.726	22.524	37.2	37.296	0.2	29.679	1.887	2.153	48.8	2.863	0.9	-1.527	2.045	-53.3	2.552
248152.0	842638.3	134.5	29.667	22.489	37.2	37.227	0.2	29.624	1.888	2.152	48.7	2.863	0.9	-1.491	2.013	-53.5	2.505
248151.3	842637.6	134.4	29.606	22.452	37.2	37.157	0.2	29.569	1.889	2.152	48.7	2.863	0.9	-1.456	1.980	-53.7	2.457
248150.6	842636.9	134.4	29.545	22.415	37.2	37.085	0.2	29.512	1.890	2.151	48.7	2.863	0.9	-1.420	1.946	-53.9	2.409
248149.9	842636.1	134.3	29.482	22.376	37.2	37.012	0.2	29.453	1.891	2.151	48.7	2.864	0.9	-1.385	1.913	-54.1	2.361
248149.2	842635.4	134.2	29.418	22.336	37.2	36.937	0.2	29.394	1.892	2.151	48.7	2.864	0.9	-1.350	1.879	-54.3	2.313
248148.5	842634.7	134.1	29.354	22.295	37.2	36.861	0.2	29.333	1.892	2.151	48.7	2.865	0.9	-1.315	1.844	-54.5	2.265
248147.8	842634.0	134.1	29.326	22.290	37.2	36.836	0.2	29.313	1.894	2.151	48.6	2.866	1.0	-1.316	1.849	-54.6	2.270
248147.1	842633.3	134.1	29.352	22.336	37.3	36.884	0.1	29.351	1.895	2.152	48.6	2.868	1.0	-1.366	1.910	-54.4	2.348
248146.4	842632.5	134.0	29.376	22.381	37.3	36.931	0.1	29.388	1.897	2.153	48.6	2.870	1.0	-1.418	1.971	-54.3	2.428
248145.7	842631.8	134.0	29.399	22.425	37.3	36.975	0.1	29.424	1.898	2.154	48.6	2.871	1.1	-1.471	2.034	-54.1	2.510
248145.0	842631.1	133.9	29.367	22.415	37.4	36.944	0.1	29.399	1.899	2.155	48.6	2.872	1.1	-1.478	2.042	-54.1	2.521
248144.3	842630.4	133.8	29.269	22.340	37.4	36.820	0.1	29.301	1.899	2.154	48.6	2.871	1.0	-1.426	1.984	-54.3	2.444
248143.6	842629.7	133.8	29.167	22.262	37.4	36.692	0.1	29.199	1.898	2.153	48.6	2.870	1.0	-1.375	1.927	-54.5	2.367
248142.9	842629.0	133.7	29.074	22.192	37.4	36.576	0.1	29.106	1.898	2.152	48.6	2.869	1.0	-1.336	1.881	-54.6	2.307
248142.2	842628.2	133.6	28.980	22.121	37.4	36.458	0.2	29.012	1.897	2.150	48.6	2.867	1.0	-1.299	1.839	-54.8	2.252
248141.6	842627.5	133.5	28.885	22.049	37.4	36.339	0.2	28.918	1.895	2.148	48.6	2.865	1.0	-1.266	1.801	-54.9	2.202
248140.9	842626.8	133.4	28.797	21.983	37.4	36.229	0.2	28.830	1.894	2.146	48.6	2.862	0.9	-1.244	1.775	-55.0	2.167
248140.2	842626.1	133.3	28.695	21.904	37.4	36.100	0.2	28.727	1.891	2.143	48.6	2.858	0.9	-1.214	1.739	-55.1	2.121
248139.5	842625.4	133.2	28.591	21.823	37.4	35.968	0.3	28.622	1.889	2.140	48.6	2.854	0.9	-1.187	1.707	-55.2	2.079

248138.8	842624.6	133.1	28.466	21.721	37.3	35.807	0.3	28.494	1.886	2.136	48.6	2.849	0.9	-1.146	1.659	-55.4	2.016
248138.1	842623.9	133.0	28.338	21.615	37.3	35.641	0.3	28.362	1.882	2.132	48.6	2.844	0.9	-1.107	1.612	-55.5	1.955
248137.4	842623.2	133.0	28.230	21.529	37.3	35.502	0.4	28.252	1.878	2.127	48.6	2.838	0.8	-1.092	1.593	-55.6	1.931
248136.7	842622.5	132.9	28.121	21.442	37.3	35.363	0.4	28.141	1.874	2.122	48.6	2.831	0.8	-1.082	1.579	-55.6	1.914
248136.0	842621.8	132.8	28.036	21.379	37.3	35.258	0.4	28.057	1.870	2.118	48.6	2.825	0.8	-1.102	1.598	-55.4	1.942
248135.3	842621.1	132.7	27.922	21.287	37.3	35.111	0.5	27.941	1.865	2.112	48.6	2.817	0.8	-1.100	1.592	-55.4	1.934
248134.6	842620.3	132.6	27.826	21.212	37.3	34.989	0.5	27.844	1.859	2.107	48.6	2.810	0.8	-1.120	1.610	-55.2	1.961
248133.9	842619.6	132.6	27.757	21.164	37.3	34.906	0.5	27.777	1.854	2.101	48.6	2.802	0.9	-1.172	1.666	-54.9	2.037
248133.2	842618.9	132.5	27.703	21.130	37.3	34.842	0.5	27.726	1.848	2.095	48.6	2.794	0.9	-1.244	1.743	-54.5	2.142
248132.5	842618.2	132.4	27.635	21.082	37.3	34.758	0.5	27.660	1.842	2.089	48.6	2.785	0.9	-1.309	1.811	-54.1	2.235
248131.8	842617.5	132.3	27.515	20.984	37.3	34.604	0.6	27.537	1.835	2.082	48.6	2.775	0.9	-1.330	1.830	-54.0	2.262
248131.1	842616.8	132.2	27.380	20.870	37.3	34.427	0.6	27.396	1.828	2.074	48.6	2.765	0.9	-1.341	1.837	-53.9	2.274
248130.4	842616.0	132.1	27.190	20.704	37.3	34.175	0.7	27.196	1.820	2.065	48.6	2.753	0.9	-1.305	1.791	-53.9	2.216
248129.7	842615.3	132.0	27.001	20.538	37.3	33.925	0.8	26.996	1.812	2.057	48.6	2.741	0.9	-1.275	1.750	-53.9	2.165
248129.0	842614.6	131.9	26.813	20.373	37.2	33.674	0.8	26.797	1.803	2.048	48.6	2.728	0.9	-1.249	1.715	-53.9	2.121
248128.3	842613.9	131.7	26.624	20.207	37.2	33.424	0.9	26.598	1.794	2.038	48.6	2.715	0.9	-1.228	1.684	-53.9	2.084
248127.6	842613.2	131.6	26.431	20.038	37.2	33.168	1.0	26.394	1.785	2.029	48.7	2.702	0.8	-1.207	1.653	-53.9	2.047
248126.9	842612.4	131.5	26.239	19.869	37.1	32.913	1.1	26.191	1.776	2.019	48.7	2.688	0.8	-1.190	1.627	-53.8	2.016
248126.2	842611.7	131.3	26.052	19.705	37.1	32.664	1.2	25.994	1.766	2.008	48.7	2.675	0.8	-1.181	1.610	-53.7	1.997
248125.5	842611.0	131.2	25.868	19.544	37.1	32.421	1.2	25.800	1.756	1.998	48.7	2.660	0.8	-1.179	1.601	-53.6	1.988
248124.8	842610.3	131.1	25.685	19.384	37.0	32.178	1.3	25.607	1.747	1.988	48.7	2.646	0.8	-1.180	1.594	-53.5	1.983
248124.2	842609.6	131.0	25.563	19.283	37.0	32.020	1.4	25.481	1.737	1.978	48.7	2.632	0.9	-1.244	1.661	-53.2	2.075
248123.5	842608.9	130.9	25.452	19.192	37.0	31.877	1.4	25.367	1.728	1.968	48.7	2.619	0.9	-1.321	1.741	-52.8	2.185
248122.8	842608.1	130.8	25.307	19.069	37.0	31.687	1.4	25.216	1.718	1.958	48.7	2.605	0.9	-1.367	1.785	-52.6	2.248
248122.1	842607.4	130.7	25.119	18.904	37.0	31.438	1.5	25.018	1.708	1.948	48.7	2.591	0.9	-1.370	1.780	-52.4	2.246
248121.4	842606.7	130.5	24.932	18.740	36.9	31.190	1.6	24.820	1.698	1.937	48.8	2.576	0.9	-1.375	1.776	-52.3	2.246
248120.7	842606.0	130.4	24.745	18.577	36.9	30.942	1.7	24.623	1.689	1.927	48.8	2.562	0.9	-1.380	1.773	-52.1	2.247
248120.0	842605.3	130.3	24.559	18.414	36.9	30.696	1.8	24.427	1.679	1.917	48.8	2.548	0.9	-1.386	1.770	-51.9	2.248
248119.3	842604.5	130.2	24.374	18.252	36.8	30.450	1.8	24.231	1.669	1.907	48.8	2.534	0.9	-1.392	1.767	-51.8	2.249
248118.6	842603.8	130.0	24.189	18.090	36.8	30.205	1.9	24.037	1.660	1.897	48.8	2.520	0.9	-1.397	1.763	-51.6	2.250
248117.9	842603.1	129.9	24.005	17.929	36.8	29.962	2.0	23.843	1.650	1.887	48.8	2.507	0.9	-1.403	1.759	-51.4	2.249
248117.2	842602.4	129.8	23.816	17.764	36.7	29.711	2.1	23.644	1.641	1.877	48.8	2.493	0.9	-1.402	1.746	-51.2	2.239
248116.5	842601.7	129.6	23.604	17.577	36.7	29.429	2.2	23.419	1.632	1.867	48.8	2.480	0.9	-1.376	1.705	-51.1	2.190
248115.8	842601.0	129.5	23.420	17.416	36.6	29.185	2.2	23.225	1.623	1.858	48.9	2.467	0.9	-1.376	1.693	-50.9	2.182
248115.1	842600.2	129.4	23.262	17.280	36.6	28.977	2.3	23.059	1.614	1.849	48.9	2.454	0.9	-1.402	1.711	-50.7	2.211
248114.4	842599.5	129.3	23.112	17.152	36.6	28.781	2.4	22.903	1.606	1.840	48.9	2.442	0.9	-1.434	1.735	-50.4	2.251
248113.7	842598.8	129.2	22.962	17.023	36.6	28.584	2.4	22.746	1.598	1.831	48.9	2.431	0.9	-1.464	1.758	-50.2	2.288
248113.0	842598.1	129.1	22.813	16.896	36.5	28.388	2.5	22.590	1.590	1.823	48.9	2.419	0.9	-1.493	1.778	-50.0	2.322
248112.3	842597.4	128.9	22.663	16.768	36.5	28.192	2.5	22.435	1.582	1.815	48.9	2.408	0.9	-1.520	1.796	-49.8	2.353
248111.6	842596.6	128.8	22.530	16.655	36.5	28.018	2.6	22.296	1.575	1.807	48.9	2.397	0.9	-1.562	1.830	-49.5	2.406
248110.9	842595.9	128.7	22.391	16.537	36.4	27.836	2.6	22.151	1.567	1.799	48.9	2.386	0.9	-1.595	1.855	-49.3	2.447
248110.2	842595.2	128.6	22.242	16.410	36.4	27.640	2.7	21.995	1.559	1.791	48.9	2.374	0.9	-1.616	1.866	-49.1	2.469
248109.5	842594.5	128.5	22.116	16.304	36.4	27.476	2.7	21.864	1.552	1.783	49.0	2.364	0.9	-1.660	1.902	-48.9	2.524
248108.8	842593.8	128.4	21.989	16.197	36.4	27.310	2.8	21.733	1.545	1.775	49.0	2.353	0.9	-1.700	1.935	-48.7	2.576
248108.1	842593.1	128.3	21.862	16.090	36.4	27.144	2.8	21.601	1.538	1.767	49.0	2.343	0.9	-1.739	1.966	-48.5	2.624
248107.4	842592.3	128.2	21.734	15.983	36.3	26.978	2.9	21.469	1.531	1.760	49.0	2.332	0.9	-1.776	1.995	-48.3	2.670
248106.8	842591.6	128.2	21.607	15.876	36.3	26.812	2.9	21.337	1.524	1.752	49.0	2.321	0.8	-1.811	2.022	-48.2	2.714
248106.1	842590.9	128.1	21.480	15.769	36.3	26.647	3.0	21.205	1.516	1.744	49.0	2.311	0.8	-1.845	2.048	-48.0	2.756
248105.4	842590.2	128.0	21.353	15.662	36.3	26.481	3.0	21.073	1.509	1.735	49.0	2.300	0.8	-1.877	2.072	-47.8	2.796
248104.7	842589.5	127.8	21.174	15.506	36.2	26.244	3.1	20.885	1.501	1.726	49.0	2.288	0.8	-1.852	2.030	-47.6	2.748
248104.0	842588.7	127.7	20.976	15.333	36.2	25.982	3.2	20.676	1.493	1.717	49.0	2.275	0.8	-1.804	1.963	-47.4	2.666
248103.3	842588.0	127.5	20.769	15.153	36.1	25.709	3.3	20.459	1.484	1.707	49.0	2.262	0.7	-1.746	1.883	-47.2	2.568
248102.6	842587.3	127.4	20.562	14.972	36.1	25.435	3.3	20.241	1.476	1.697	49.0	2.249	0.7	-1.684	1.800	-46.9	2.465
248101.9	842586.6	127.2	20.354	14.790	36.0	25.160	3.4	20.022	1.467	1.687	49.0	2.235	0.7	-1.619	1.714	-46.6	2.357
248101.2	842585.9	127.1	20.140	14.604	35.9	24.878	3.5	19.797	1.458	1.676	49.0	2.222	0.6	-1.545	1.618	-46.3	2.237
248100.5	842585.2	126.9	19.943	14.432	35.9	24.618	3.6	19.590	1.449	1.666	49.0	2.208	0.6	-1.487	1.541	-46.0	2.141
248099.8	842584.4	126.8	19.823	14.332	35.9	24.461	3.6	19.466	1.442	1.657	49.0	2.196	0.6	-1.514	1.562	-45.9	2.175
248099.1	842583.7	126.7	19.725	14.253	35.9	24.336	3.7	19.366	1.434	1.648	49.0	2.184	0.6	-1.564	1.610	-45.8	2.245
248098.4	842583.0	126.6	19.587	14.136	35.8	24.155	3.7	19.222	1.426	1.638	49.0	2.172	0.6	-1.567	1.603	-45.7	2.242
248097.7	842582.3	126.5	19.405	13.979	35.8	23.916	3.8	19.032	1.417	1.628	49.0	2.159	0.6	-1.518	1.538	-45.4	2.161
248097.0	842581.6	126.3	19.215	13.815	35.7	23.665	3.9	18.832	1.409	1.618	48.9	2.145	0.5	-1.455	1.457	-45.0	2.059
248096.3	842580.8	126.1	18.983	13.613	35.6	23.360	4.0	18.589	1.400	1.607	48.9	2.131	0.5	-1.343	1.319	-44.5	1.883
248095.6	842580.1	126.0	18.769	13.428	35.6	23.077	4.1	18.364	1.391	1.597	48.9	2.118	0.5	-1.246	1.199	-43.9	1.729
248094.9	842579.4	125.9	18.642	13.322	35.5	22.913	4.1	18.234	1.383	1.587	48.9	2.106	0.5	-1.248	1.194	-43.7	1.727
248094.2	842578.7	125.8	18.516	13.217	35.5	22.749	4.2	18.103	1.376	1.578	48.9	2.094	0.5	-1.247	1.185	-43.5	1.721
248093.5	842578.0	125.7	18.393	13.114	35.5	22.589	4.2	17.976	1.369	1.570	48.9	2.083	0.5	-1.247	1.177	-43.3	1.714
248092.8	842577.3	125.6	18.277	13.018	35.5	22.439	4.2	17.856	1.362	1.561	48.9	2.072	0.5	-1.251	1.175	-43.2	1.716
248092.1	842576.5	125.5	18.161	12.922	35.4	22.290	4.3	17.738	1.355	1.553	48.9	2.061	0.5	-1.253	1.169	-43.0	1.714
248091.4	842575.8	125.4	18.046	12.827	35.4	22.141	4.3	17.619	1.348	1.546	48.9	2.051	0.5	-1.251	1.159	-42.8	1.706
248090.7	842575.1	125.3	17.931	12.732	35.4	21.992	4.4	17.500	1.342	1.538	48.9	2.041	0.5	-1.245	1.146	-42.6	1.692
248090.0	842574.4	125.2	17.825	12.645	35.4	21.855	4.4	17.391	1.336	1.531	48.9	2.032	0.5	-1.246	1.139	-42.4	1.688
248089.4	842573.7	125.1	17.721	12.559	35.3	21.720	4.4	17.284	1.330	1.524	48.9	2.023	0.5	-1.244	1.130	-42.3	1.681
248088.7	842573.0	125.0	17.619	12.476	35.3	21.589	4.5	17.180	1.325	1.518	48.9	2.015	0.5	-1.241	1.120	-42.1	1.672
248088.0	842572.2	124.9	17.517	12.392	35.3	21.457	4.5	17.075	1.320	1.512	48.9	2.007	0.5	-1.234	1.104	-41.8	1.655
248087.3	842571.5	124.8	17.405	12.300	35.2	21.312	4.5	16.960	1.315	1.506	48.9	1.999	0.6	-1.210	1.070	-41.5	1.615
248086.6	842570.8	124.8	17.293	12.208	35.2	21.168	4.6	16.845	1.310	1.500	48.9	1.992	0.6	-1.182	1.031	-41.1	1.568
248085.9	842570.1	124.7	17.182	12.116	35.2	21.024	4.6	16.730	1.305	1.495	48.9	1.985	0.6	-1.149	0.987	-40.7	1.515
248085.2	842569.4	124.6	17.099	12.050	35.2	20.918	4.6	16.646	1.301	1.490	48.9	1.978	0.6	-1.147	0.979	-40.5	1.508
248084.5	842568.6	124.5	17.016	11.983	35.2	20.812	4.7	16.562	1.297	1.486	48.9	1.973	0.6	-1.141	0.965	-40.2	1.494
248083.8	842567.9	124.5	16.932	11.916	35.1	20.705	4.7	16.476	1.294	1.482	48.9	1.967	0.6	-1.128	0.945	-40.0	1.472
248083.1	842567.2	124.4	16.851	11.852	35.1	20.601	4.7	16.394	1.291	1.478	48.9	1.962	0.6	-1.115	0.925	-39.7	1.448
248082.4	842566.5	124.3	16.774	11.790	35.1	20.503	4.7	16.316	1.287	1.474	48.9	1.957	0.6	-1.102	0.904	-39.4	1.425
248081.7	842565.8	124.3	16.697	11.729	35.1	20.404	4.8	16.237	1.285	1.471	48.9	1.953	0.6	-1.083	0.879	-39.0	1.395
248081.0	842565.1	124.2	16.619	11.667	35.1	20.305	4.8	16.158	1.282	1.468	48.9	1.949	0.6	-1.061	0.848	-38.7	1.358
248080.3	842564.3	124.2	16.541	11.605	35.1	20.206	4.8	16.079	1.280	1.465	48.9	1.945	0.6	-1.033	0.812	-38.2	1.314
248079.6	842563.6	124.1	16.463	11.543	35.0	20.107	4.8	16.000	1.278	1.462	48.9	1.942	0.6	-1.000	0.771	-37.6	1.263
248078.9	842562.9	124.0	16.385	11.481	35.0	20.007	4.8	15.921	1.276	1.460	48.9	1.939	0.6	-0.963	0.725	-37.0	1.205

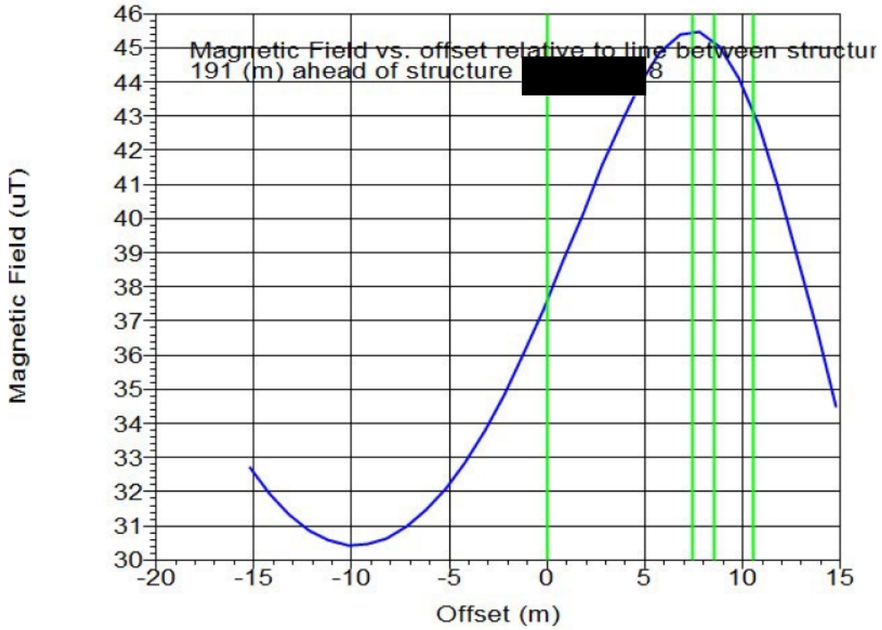
248078.2	842562.2	124.0	16.338	11.446	35.0	19.948	4.9	15.874	1.274	1.458	48.9	1.937	0.6	-0.959	0.717	-36.8	1.198
248077.5	842561.5	124.0	16.319	11.436	35.0	19.927	4.8	15.857	1.274	1.458	48.8	1.936	0.6	-0.988	0.746	-37.1	1.238
248076.8	842560.7	124.0	16.299	11.425	35.0	19.905	4.8	15.840	1.273	1.457	48.8	1.935	0.7	-1.011	0.770	-37.3	1.271
248076.1	842560.0	124.0	16.279	11.414	35.0	19.882	4.8	15.821	1.273	1.457	48.8	1.935	0.7	-1.029	0.788	-37.4	1.296
248075.4	842559.3	124.0	16.258	11.403	35.0	19.858	4.8	15.802	1.273	1.457	48.8	1.935	0.7	-1.042	0.800	-37.5	1.314
248074.7	842558.6	124.0	16.266	11.417	35.1	19.873	4.8	15.815	1.274	1.458	48.8	1.936	0.7	-1.088	0.850	-38.0	1.381
248074.0	842557.9	124.1	16.324	11.476	35.1	19.954	4.8	15.879	1.276	1.460	48.8	1.939	0.7	-1.192	0.967	-39.0	1.535
248073.3	842557.2	124.2	16.364	11.518	35.1	20.011	4.7	15.925	1.278	1.462	48.8	1.941	0.8	-1.269	1.053	-39.7	1.650
248072.6	842556.4	124.2	16.342	11.505	35.1	19.985	4.7	15.904	1.279	1.463	48.8	1.943	0.8	-1.263	1.044	-39.6	1.639
248072.0	842555.7	124.2	16.326	11.498	35.2	19.969	4.7	15.891	1.281	1.465	48.8	1.946	0.8	-1.261	1.041	-39.5	1.635
248071.3	842555.0	124.2	16.294	11.477	35.2	19.930	4.7	15.860	1.282	1.467	48.8	1.948	0.8	-1.234	1.008	-39.2	1.594
248070.6	842554.3	124.2	16.261	11.454	35.2	19.890	4.7	15.828	1.284	1.469	48.8	1.951	0.8	-1.201	0.969	-38.9	1.543
248069.9	842553.6	124.1	16.227	11.431	35.2	19.849	4.7	15.795	1.286	1.471	48.8	1.954	0.8	-1.163	0.924	-38.5	1.486
248069.2	842552.8	124.1	16.193	11.407	35.2	19.807	4.7	15.762	1.288	1.474	48.8	1.958	0.8	-1.120	0.874	-38.0	1.421
248068.5	842552.1	124.1	16.158	11.383	35.2	19.765	4.7	15.728	1.291	1.477	48.8	1.962	0.9	-1.073	0.819	-37.4	1.349
248067.8	842551.4	124.2	16.212	11.438	35.2	19.840	4.7	15.789	1.295	1.482	48.8	1.968	0.9	-1.136	0.891	-38.1	1.443
248067.1	842550.7	124.3	16.276	11.502	35.2	19.930	4.7	15.860	1.300	1.487	48.8	1.976	0.9	-1.208	0.974	-38.9	1.552
248066.4	842550.0	124.4	16.302	11.532	35.3	19.969	4.6	15.891	1.304	1.492	48.8	1.982	0.9	-1.229	0.997	-39.1	1.583
248065.7	842549.3	124.4	16.328	11.562	35.3	20.007	4.6	15.921	1.309	1.498	48.8	1.989	0.9	-1.246	1.017	-39.2	1.608
248065.0	842548.5	124.5	16.353	11.592	35.3	20.045	4.6	15.951	1.314	1.503	48.8	1.997	1.0	-1.259	1.033	-39.4	1.629
248064.3	842547.8	124.5	16.372	11.616	35.4	20.074	4.6	15.975	1.319	1.509	48.8	2.004	1.0	-1.262	1.037	-39.4	1.633
248063.6	842547.1	124.6	16.432	11.676	35.4	20.158	4.5	16.041	1.324	1.515	48.8	2.012	1.0	-1.314	1.099	-39.9	1.713
248062.9	842546.4	124.7	16.467	11.715	35.4	20.209	4.5	16.082	1.330	1.521	48.8	2.020	1.0	-1.334	1.123	-40.1	1.744
248062.2	842545.7	124.8	16.537	11.785	35.5	20.306	4.5	16.159	1.335	1.528	48.8	2.029	1.0	-1.396	1.196	-40.6	1.839
248061.5	842544.9	125.0	16.738	11.974	35.6	20.580	4.3	16.377	1.343	1.536	48.8	2.041	1.1	-1.626	1.462	-42.0	2.187
248060.8	842544.2	125.1	16.842	12.075	35.6	20.724	4.3	16.492	1.350	1.543	48.8	2.050	1.1	-1.730	1.584	-42.5	2.346
248060.1	842543.5	125.2	16.839	12.080	35.7	20.724	4.3	16.491	1.354	1.548	48.8	2.057	1.1	-1.697	1.550	-42.4	2.298
248059.4	842542.8	125.2	16.879	12.122	35.7	20.781	4.2	16.537	1.359	1.554	48.8	2.064	1.1	-1.718	1.579	-42.6	2.333
248058.7	842542.1	125.3	16.925	12.172	35.7	20.848	4.2	16.590	1.364	1.559	48.8	2.072	1.1	-1.749	1.619	-42.8	2.383
248058.0	842541.4	125.4	16.995	12.242	35.8	20.945	4.2	16.667	1.370	1.565	48.8	2.079	1.1	-1.809	1.693	-43.1	2.477
248057.3	842540.6	125.5	17.028	12.280	35.8	20.994	4.1	16.706	1.374	1.569	48.8	2.086	1.1	-1.824	1.717	-43.3	2.505
248056.6	842539.9	125.5	17.060	12.316	35.8	21.041	4.1	16.744	1.378	1.573	48.8	2.092	1.1	-1.839	1.741	-43.4	2.533
248055.9	842539.2	125.6	17.041	12.306	35.8	21.020	4.1	16.727	1.382	1.576	48.8	2.096	1.1	-1.791	1.693	-43.4	2.465
248055.2	842538.5	125.5	16.987	12.263	35.8	20.951	4.1	16.672	1.384	1.579	48.8	2.100	1.1	-1.699	1.596	-43.2	2.331
248054.6	842537.8	125.5	16.933	12.220	35.8	20.882	4.1	16.617	1.386	1.581	48.7	2.102	1.1	-1.607	1.501	-43.0	2.199
248053.9	842537.0	125.6	16.918	12.213	35.8	20.866	4.1	16.604	1.389	1.583	48.7	2.106	1.1	-1.569	1.466	-43.1	2.148
248053.2	842536.3	125.6	16.908	12.211	35.8	20.857	4.1	16.597	1.391	1.584	48.7	2.108	1.1	-1.540	1.443	-43.1	2.111
248052.5	842535.6	125.6	16.898	12.209	35.8	20.847	4.1	16.589	1.393	1.585	48.7	2.111	1.1	-1.513	1.422	-43.2	2.077
248051.8	842534.9	125.7	16.892	12.210	35.9	20.843	4.1	16.586	1.395	1.586	48.7	2.112	1.1	-1.494	1.411	-43.4	2.055
248051.1	842534.2	125.7	16.887	12.212	35.9	20.840	4.1	16.584	1.396	1.587	48.7	2.114	1.1	-1.478	1.403	-43.5	2.038
248050.4	842533.5	125.7	16.880	12.212	35.9	20.835	4.1	16.580	1.397	1.587	48.6	2.115	1.1	-1.464	1.398	-43.7	2.024
248049.7	842532.7	125.8	16.864	12.204	35.9	20.816	4.1	16.565	1.398	1.587	48.6	2.115	1.0	-1.439	1.380	-43.8	1.994
248049.0	842532.0	125.8	16.836	12.185	35.9	20.783	4.1	16.539	1.398	1.586	48.6	2.115	1.0	-1.402	1.349	-43.9	1.946
248048.3	842531.3	125.8	16.847	12.202	35.9	20.801	4.1	16.553	1.399	1.586	48.6	2.115	1.0	-1.418	1.379	-44.2	1.978
248047.6	842530.6	125.9	16.857	12.218	35.9	20.819	4.1	16.567	1.399	1.585	48.6	2.114	1.0	-1.436	1.410	-44.5	2.013
248046.9	842529.9	125.9	16.866	12.233	36.0	20.836	4.1	16.581	1.399	1.584	48.6	2.114	1.0	-1.456	1.443	-44.7	2.050
248046.2	842529.1	126.0	16.875	12.248	36.0	20.851	4.1	16.593	1.399	1.583	48.5	2.113	1.0	-1.477	1.477	-45.0	2.089
248045.5	842528.4	126.0	16.803	12.188	36.0	20.758	4.1	16.519	1.398	1.581	48.5	2.111	1.0	-1.394	1.392	-45.0	1.970
248044.8	842527.7	125.9	16.724	12.122	35.9	20.656	4.1	16.437	1.396	1.579	48.5	2.108	0.9	-1.303	1.299	-44.9	1.840
248044.1	842527.0	126.0	16.691	12.098	35.9	20.614	4.1	16.404	1.395	1.577	48.5	2.106	0.9	-1.274	1.275	-45.0	1.803
248043.4	842526.3	126.0	16.673	12.088	35.9	20.594	4.1	16.388	1.394	1.575	48.5	2.104	0.9	-1.268	1.278	-45.2	1.800
248042.7	842525.6	126.0	16.646	12.070	35.9	20.562	4.1	16.363	1.393	1.573	48.5	2.101	0.9	-1.252	1.268	-45.4	1.782
248042.0	842524.8	126.0	16.613	12.045	35.9	20.520	4.1	16.329	1.391	1.571	48.5	2.099	0.9	-1.229	1.249	-45.5	1.752
248041.3	842524.1	126.0	16.578	12.020	35.9	20.478	4.1	16.296	1.390	1.569	48.5	2.096	0.9	-1.205	1.230	-45.6	1.722
248040.6	842523.4	126.1	16.556	12.006	35.9	20.451	4.1	16.274	1.388	1.567	48.5	2.093	0.9	-1.199	1.231	-45.7	1.718
248039.9	842522.7	126.1	16.541	11.998	36.0	20.434	4.1	16.261	1.387	1.565	48.5	2.091	0.9	-1.204	1.243	-45.9	1.730
248039.2	842522.0	126.1	16.519	11.985	36.0	20.408	4.1	16.241	1.385	1.563	48.5	2.088	0.9	-1.201	1.246	-46.1	1.730
248038.5	842521.3	126.2	16.495	11.969	36.0	20.379	4.1	16.217	1.383	1.560	48.4	2.085	0.9	-1.195	1.246	-46.2	1.726
248037.8	842520.5	126.2	16.470	11.952	36.0	20.350	4.1	16.194	1.382	1.558	48.4	2.083	0.9	-1.189	1.245	-46.3	1.721
248037.2	842519.8	126.2	16.381	11.877	35.9	20.234	4.2	16.102	1.379	1.555	48.4	2.079	0.9	-1.097	1.146	-46.3	1.587
248036.5	842519.1	126.2	16.337	11.842	35.9	20.177	4.2	16.056	1.377	1.553	48.4	2.075	0.8	-1.064	1.115	-46.3	1.541
248035.8	842518.4	126.2	16.310	11.823	35.9	20.144	4.2	16.030	1.375	1.551	48.4	2.073	0.8	-1.056	1.110	-46.4	1.532
248035.1	842517.7	126.2	16.274	11.797	35.9	20.100	4.2	15.995	1.373	1.549	48.4	2.070	0.8	-1.036	1.093	-46.5	1.506
248034.4	842516.9	126.2	16.210	11.744	35.9	20.018	4.2	15.929	1.371	1.546	48.4	2.067	0.8	-0.977	1.030	-46.5	1.419
248033.7	842516.2	126.2	16.185	11.727	35.9	19.987	4.2	15.905	1.370	1.544	48.4	2.064	0.8	-0.969	1.026	-46.6	1.411
248033.0	842515.5	126.3	16.196	11.744	35.9	20.006	4.2	15.920	1.369	1.543	48.4	2.063	0.8	-1.011	1.078	-46.8	1.478
248032.3	842514.8	126.4	16.191	11.745	36.0	20.003	4.2	15.918	1.368	1.542	48.4	2.061	0.8	-1.030	1.103	-47.0	1.509
248031.6	842514.1	126.4	16.178	11.739	36.0	19.988	4.2	15.906	1.366	1.540	48.4	2.059	0.8	-1.036	1.114	-47.1	1.521
248030.9	842513.4	126.4	16.135	11.705	36.0	19.933	4.2	15.863	1.365	1.539	48.4	2.057	0.8	-1.001	1.077	-47.1	1.470
248030.2	842512.6	126.5	16.091	11.671	36.0	19.878	4.2	15.819	1.364	1.537	48.4	2.055	0.8	-0.964	1.038	-47.1	1.417
248029.5	842511.9	126.5	16.053	11.642	35.9	19.831	4.2	15.781	1.363	1.536	48.4	2.053	0.8	-0.932	1.006	-47.2	1.371
248028.8	842511.2	126.6	16.108	11.698	36.0	19.907	4.2	15.842	1.363	1.536	48.4	2.054	0.8	-1.025	1.114	-47.4	1.514
248028.1	842510.5	126.7	16.124	11.719	36.0	19.933	4.2	15.862	1.363	1.536	48.4	2.054	0.8	-1.065	1.162	-47.5	1.576
248027.4	842509.8	126.7	16.140	11.739	36.0	19.958	4.1	15.882	1.363	1.536	48.4	2.054	0.8	-1.102	1.206	-47.6	1.633
248026.7	842509.0	126.8	16.107	11.715	36.0	19.917	4.1	15.849	1.363	1.536	48.4	2.053	0.8	-1.070	1.173	-47.6	1.588
248026.0	842508.3	126.8	16.063	11.680	36.0	19.860	4.2	15.804	1.362	1.536	48.4	2.053	0.7	-1.020	1.119	-47.6	1.514
248025.3	842507.6	126.8	16.033	11.658	36.0	19.823	4.2	15.775	1.362	1.536	48.4	2.053	0.7	-0.989	1.085	-47.7	1.468
248024.6	842506.9	126.9	16.014	11.647	36.0	19.801	4.2	15.758	1.362	1.536	48.4	2.053	0.7	-0.970	1.065	-47.7	1.440
248023.9	842506.2	126.9	16.001	11.640	36.0	19.787	4.2	15.746	1.363	1.537	48.4	2.054	0.7	-0.956	1.051	-47.7	1.420
248023.2	842505.5	127.0	16.004	11.649	36.0	19.795	4.2	15.752	1.364	1.538	48.4	2.056	0.7	-0.962	1.059	-47.7	1.431
248022.5	842504.7	127.1	16.041	11.689	36.1	19.848	4.1	15.795	1.365	1.540	48.5	2.058	0.7	-1.012	1.116	-47.8	1.507
248021.8	842504.0	127.2	16.078	11.728	36.1	19.901	4.1	15.837	1.367	1.543	48.5	2.061	0.7	-1.059	1.169	-47.8	1.577
248021.1	842503.3	127.3	16.114	11.767	36.1	19.954	4.1	15.878	1.369	1.545	48.5	2.064	0.7	-1.102	1.218	-47.9	1.642
248020.4	842502.6	127.4	16.091	11.752	36.1	19.926	4.1	15.856	1.370	1.547	48.5	2.066	0.7	-1.062	1.172	-47.8	1.582
248019.8	842501.9	127.4	16.045	11.715	36.1	19.867	4.1	15.810	1.371	1.549	48.5	2.068	0.7	-0.988	1.088	-47.8	1.469
248019.1	842501.1	127.5	16.050	11.725	36.1	19.876	4.1	15.817	1.373	1.552	48.5	2.072	0.7	-0.980	1.078	-47.7	1.457
248018.4	842500.4	127.5	16.065	11.745	36.2	19.900	4.1	15.836	1.375	1.555	48.5	2.076	0.7	-0.984	1.081	-47.7	1.462

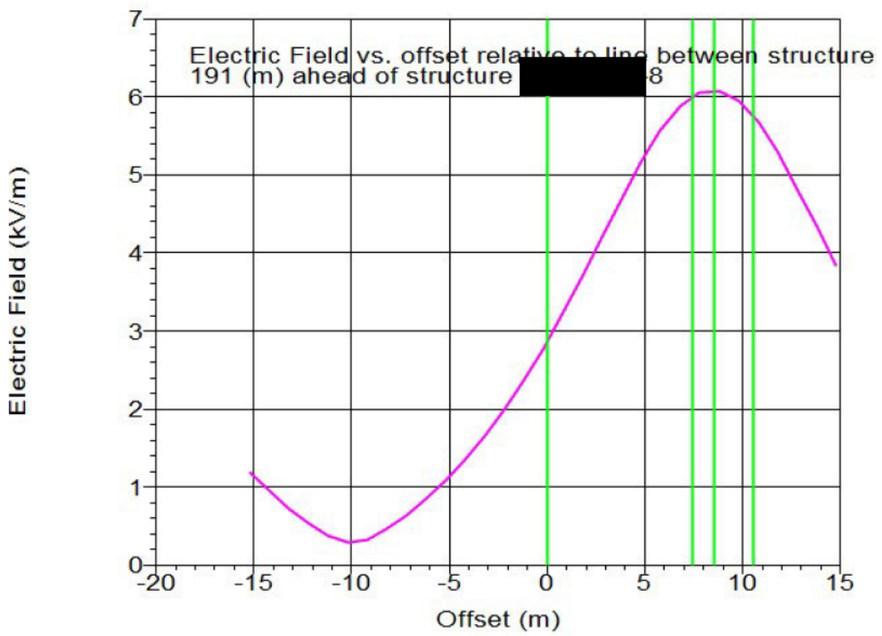
248017.7	842499.7	127.6	16.054	11.740	36.2	19.889	4.2	15.827	1.368	1.555	48.6	2.071	0.7	-1.089	1.141	-46.3	1.577
248017.0	842499.0	127.8	16.108	11.795	36.2	19.965	4.1	15.887	1.371	1.559	48.7	2.076	0.7	-1.139	1.197	-46.4	1.652
248016.3	842498.3	127.9	16.176	11.864	36.3	20.061	4.1	15.964	1.375	1.563	48.7	2.082	0.7	-1.207	1.272	-46.5	1.753
248015.6	842497.6	128.1	16.247	11.935	36.3	20.159	4.1	16.042	1.378	1.568	48.7	2.088	0.7	-1.274	1.345	-46.6	1.853
248014.9	842496.8	128.2	16.329	12.017	36.4	20.275	4.0	16.134	1.382	1.573	48.7	2.094	0.7	-1.354	1.434	-46.6	1.972
248014.2	842496.1	128.4	16.449	12.134	36.4	20.440	4.0	16.266	1.386	1.579	48.7	2.102	0.7	-1.480	1.575	-46.8	2.161
248013.5	842495.4	128.5	16.511	12.197	36.5	20.527	4.0	16.335	1.390	1.585	48.7	2.108	0.7	-1.525	1.624	-46.8	2.228
248012.8	842494.7	128.6	16.537	12.227	36.5	20.567	3.9	16.366	1.394	1.590	48.8	2.114	0.7	-1.522	1.617	-46.7	2.221
248012.1	842494.0	128.8	16.575	12.268	36.5	20.622	3.9	16.410	1.397	1.595	48.8	2.120	0.7	-1.531	1.624	-46.7	2.232
248011.4	842493.2	128.9	16.617	12.313	36.5	20.682	3.9	16.458	1.401	1.600	48.8	2.127	0.7	-1.541	1.634	-46.7	2.246
248010.7	842492.5	129.0	16.622	12.323	36.6	20.692	3.9	16.466	1.405	1.605	48.8	2.133	0.7	-1.501	1.585	-46.6	2.183
248010.0	842491.8	129.1	16.661	12.365	36.6	20.748	3.9	16.511	1.409	1.611	48.8	2.140	0.7	-1.502	1.583	-46.5	2.182
248009.3	842491.1	129.2	16.708	12.414	36.6	20.815	3.8	16.564	1.413	1.618	48.9	2.148	0.7	-1.510	1.590	-46.5	2.193
248008.6	842490.4	129.4	16.824	12.529	36.7	20.977	3.8	16.693	1.419	1.625	48.9	2.157	0.7	-1.605	1.696	-46.6	2.335
248007.9	842489.7	129.5	16.904	12.608	36.7	21.088	3.7	16.781	1.424	1.632	48.9	2.166	0.6	-1.649	1.744	-46.6	2.400
248007.2	842488.9	129.7	16.964	12.670	36.8	21.173	3.7	16.849	1.429	1.639	48.9	2.175	0.6	-1.664	1.760	-46.6	2.422
248006.5	842488.2	129.8	17.022	12.730	36.8	21.255	3.7	16.914	1.434	1.646	48.9	2.183	0.6	-1.674	1.770	-46.6	2.436
248005.8	842487.5	129.9	17.074	12.784	36.8	21.330	3.7	16.974	1.439	1.654	49.0	2.192	0.6	-1.674	1.768	-46.6	2.435
248005.1	842486.8	130.1	17.147	12.859	36.9	21.433	3.6	17.056	1.444	1.661	49.0	2.201	0.5	-1.697	1.794	-46.6	2.470
248004.4	842486.1	130.2	17.220	12.933	36.9	21.536	3.6	17.138	1.450	1.669	49.0	2.211	0.5	-1.718	1.818	-46.6	2.501
248003.7	842485.3	130.4	17.273	12.988	36.9	21.611	3.6	17.197	1.455	1.676	49.0	2.220	0.5	-1.708	1.808	-46.6	2.487
248003.0	842484.6	130.5	17.296	13.016	37.0	21.646	3.6	17.226	1.461	1.683	49.0	2.228	0.4	-1.660	1.754	-46.6	2.415
248002.4	842483.9	130.6	17.309	13.034	37.0	21.668	3.5	17.243	1.466	1.690	49.1	2.237	0.4	-1.596	1.682	-46.5	2.319
248001.7	842483.2	130.7	17.343	13.071	37.0	21.717	3.5	17.282	1.471	1.697	49.1	2.246	0.3	-1.555	1.638	-46.5	2.259
248001.0	842482.5	130.9	17.467	13.194	37.1	21.890	3.5	17.420	1.478	1.705	49.1	2.257	0.3	-1.626	1.723	-46.7	2.369
248000.3	842481.8	131.1	17.635	13.358	37.1	22.123	3.4	17.605	1.485	1.715	49.1	2.269	0.3	-1.746	1.867	-46.9	2.556
247999.6	842481.0	131.4	17.807	13.526	37.2	22.362	3.3	17.795	1.493	1.724	49.1	2.281	0.3	-1.866	2.011	-47.1	2.744
247998.9	842480.3	131.6	17.981	13.696	37.3	22.603	3.2	17.987	1.501	1.734	49.1	2.294	0.2	-1.984	2.154	-47.3	2.928
247998.2	842479.6	131.8	18.064	13.780	37.3	22.720	3.2	18.080	1.508	1.743	49.1	2.305	0.2	-1.988	2.165	-47.4	2.940
247997.5	842478.9	131.9	18.119	13.838	37.4	22.799	3.2	18.143	1.515	1.751	49.1	2.315	0.1	-1.955	2.134	-47.5	2.894
247996.8	842478.2	132.0	18.174	13.896	37.4	22.877	3.1	18.205	1.522	1.759	49.1	2.326	0.1	-1.918	2.099	-47.6	2.843
247996.1	842477.5	132.2	18.228	13.953	37.4	22.955	3.1	18.267	1.529	1.768	49.1	2.337	0.1	-1.876	2.060	-47.7	2.787
247995.4	842476.7	132.3	18.300	14.027	37.5	23.057	3.1	18.348	1.537	1.777	49.1	2.349	0.1	-1.853	2.042	-47.8	2.758
247994.7	842476.0	132.4	18.289	14.022	37.5	23.045	3.1	18.339	1.543	1.785	49.2	2.360	0.1	-1.727	1.905	-47.8	2.571
247994.0	842475.3	132.5	18.430	14.115	37.4	23.214	3.1	18.473	1.562	1.804	49.1	2.386	0.1	-1.645	1.832	-48.1	2.462
247993.3	842474.6	132.7	18.520	14.207	37.5	23.342	3.0	18.575	1.571	1.815	49.1	2.400	0.1	-1.636	1.829	-48.2	2.454
247992.6	842473.9	132.9	18.600	14.287	37.5	23.454	3.0	18.664	1.581	1.826	49.1	2.415	0.1	-1.610	1.807	-48.3	2.420
247991.9	842473.1	133.1	18.727	14.413	37.6	23.631	2.9	18.805	1.591	1.838	49.1	2.430	0.1	-1.640	1.848	-48.4	2.471
247991.2	842472.4	133.3	18.958	14.639	37.7	23.952	2.8	19.060	1.602	1.851	49.1	2.448	0.0	-1.793	2.031	-48.6	2.710
247990.5	842471.7	133.5	19.055	14.737	37.7	24.089	2.8	19.170	1.612	1.863	49.1	2.464	0.0	-1.784	2.027	-48.6	2.700
247989.8	842471.0	133.7	19.218	14.898	37.8	24.316	2.7	19.350	1.622	1.876	49.1	2.480	0.0	-1.852	2.111	-48.7	2.808
247989.1	842470.3	134.4	19.964	15.621	38.0	25.349	2.4	20.172	1.641	1.898	49.2	2.509	0.2	-2.597	2.972	-48.9	3.947
247988.4	842469.6	134.5	20.045	15.704	38.1	25.464	2.3	20.264	1.650	1.909	49.2	2.523	0.2	-2.569	2.946	-48.9	3.909
247987.7	842468.8	134.4	19.687	15.364	38.0	24.973	2.5	19.873	1.653	1.913	49.2	2.528	0.1	-2.038	2.338	-48.9	3.101
247987.0	842468.1	134.2	19.344	15.038	37.9	24.501	2.7	19.497	1.658	1.918	49.2	2.535	0.1	-1.509	1.734	-49.0	2.298
247986.3	842467.4	134.3	19.364	15.061	37.9	24.531	2.6	19.521	1.666	1.928	49.2	2.548	0.1	-1.415	1.630	-49.0	2.158
247985.6	842466.7	134.8	19.865	15.549	38.1	25.226	2.4	20.075	1.678	1.941	49.2	2.566	0.1	-1.903	2.196	-49.1	2.906
247985.0	842466.0	135.1	20.182	15.859	38.2	25.667	2.3	20.425	1.687	1.952	49.2	2.581	0.1	-2.167	2.506	-49.1	3.313
247984.3	842465.2	135.2	20.184	15.866	38.2	25.674	2.3	20.431	1.693	1.959	49.2	2.589	0.1	-2.072	2.402	-49.2	3.172
247983.6	842464.5	135.3	20.171	15.858	38.2	25.658	2.3	20.418	1.699	1.965	49.2	2.597	0.1	-1.964	2.282	-49.3	3.011
247982.9	842463.8	135.4	20.180	15.871	38.2	25.674	2.3	20.431	1.704	1.970	49.1	2.605	0.1	-1.890	2.202	-49.4	2.902
247982.2	842463.1	135.6	20.300	15.992	38.2	25.842	2.2	20.565	1.709	1.976	49.1	2.612	0.1	-1.952	2.280	-49.4	3.002
247981.5	842462.4	135.8	20.441	16.133	38.3	26.040	2.2	20.722	1.714	1.980	49.1	2.619	0.1	-2.048	2.397	-49.5	3.152
247980.8	842461.7	136.0	20.534	16.227	38.3	26.172	2.1	20.827	1.718	1.984	49.1	2.624	0.1	-2.096	2.459	-49.6	3.231
247980.1	842460.9	136.1	20.512	16.210	38.3	26.144	2.1	20.805	1.720	1.985	49.1	2.627	0.1	-2.019	2.378	-49.7	3.120
247979.4	842460.2	136.1	20.471	16.175	38.3	26.090	2.1	20.762	1.721	1.986	49.1	2.628	0.1	-1.931	2.283	-49.8	2.990
247978.7	842459.5	136.2	20.411	16.121	38.3	26.010	2.2	20.698	1.722	1.986	49.1	2.628	0.1	-1.830	2.174	-49.9	2.841
247978.0	842458.8	136.2	20.314	16.031	38.3	25.878	2.2	20.593	1.722	1.984	49.0	2.627	0.1	-1.694	2.025	-50.1	2.640
247977.3	842458.1	136.4	20.441	16.158	38.3	26.056	2.2	20.735	1.722	1.983	49.0	2.627	0.1	-1.835	2.196	-50.1	2.862
247976.6	842457.3	136.6	20.585	16.302	38.4	26.259	2.1	20.896	1.722	1.982	49.0	2.625	0.1	-2.008	2.402	-50.1	3.131
247975.9	842456.6	136.7	20.516	16.240	38.4	26.166	2.1	20.822	1.719	1.978	49.0	2.620	0.1	-1.941	2.333	-50.2	3.035
247975.2	842455.9	136.7	20.378	16.110	38.3	25.977	2.2	20.672	1.716	1.972	49.0	2.614	0.1	-1.803	2.184	-50.4	2.832
247974.5	842455.2	136.8	20.358	16.095	38.3	25.951	2.2	20.651	1.712	1.967	49.0	2.607	0.1	-1.818	2.209	-50.5	2.861
247973.8	842454.5	136.9	20.368	16.109	38.3	25.969	2.2	20.665	1.707	1.960	48.9	2.599	0.1	-1.881	2.290	-50.6	2.964
247973.1	842453.8	137.0	20.351	16.096	38.3	25.947	2.2	20.648	1.702	1.952	48.9	2.590	0.1	-1.924	2.348	-50.7	3.035
247972.4	842453.0	137.1	20.333	16.083	38.3	25.925	2.2	20.630	1.695	1.944	48.9	2.579	0.1	-1.977	2.419	-50.7	3.124
247971.7	842452.3	137.2	20.228	15.985	38.3	25.782	2.2	20.517	1.688	1.934	48.9	2.567	0.1	-1.940	2.386	-50.9	3.075
247971.0	842451.6	137.2	20.117	15.882	38.3	25.630	2.3	20.396	1.679	1.922	48.9	2.553	0.0	-1.906	2.357	-51.0	3.031
247970.3	842450.9	137.2	19.932	15.707	38.2	25.377	2.4	20.194	1.670	1.910	48.8	2.537	0.0	-1.794	2.239	-51.3	2.869
247969.6	842450.2	137.2	19.786	15.570	38.2	25.178	2.4	20.036	1.660	1.897	48.8	2.521	0.0	-1.740	2.187	-51.5	2.795
247968.9	842449.4	137.2	19.684	15.476	38.2	25.039	2.5	19.925	1.650	1.883	48.8	2.504	0.0	-1.751	2.209	-51.6	2.818
247968.2	842448.7	137.3	19.617	15.415	38.2	24.949	2.5	19.854	1.639	1.869	48.8	2.486	0.0	-1.815	2.292	-51.6	2.924
247967.6	842448.0	137.3	19.515	15.321	38.1	24.810	2.6	19.743	1.627	1.854	48.7	2.467	0.1	-1.845	2.337	-51.7	2.978
247966.9	842447.3	137.4	19.408	15.222	38.1	24.665	2.6	19.628	1.615	1.839	48.7	2.447	0.1	-1.880	2.387	-51.8	3.038
247966.2	842446.6	137.3	19.198	15.024	38.0	24.378	2.7	19.399	1.602	1.822	48.7	2.426	0.1	-1.796	2.301	-52.0	2.919
247965.5	842445.9	137.3	19.011	14.848	38.0	24.122	2.8	19.196	1.588	1.804	48.6	2.404	0.1	-1.749	2.256	-52.2	2.854
247964.8	842445.1	137.3	18.815	14.663	37.9	23.854	2.9	18.982	1.574	1.787	48.6	2.381	0.1	-1.696	2.205	-52.4	2.782
247964.1	842444.4	137.3	18.654	14.513	37.9	23.635	2.9	18.808	1.560	1.768	48.6	2.358	0.2	-1.695	2.214	-52.6	2.788
247963.4	842443.7	137.2	18.464	14.335	37.8	23.375	3.0	18.601	1.545	1.750	48.6	2.334	0.2	-1.662	2.186	-52.7	2.746
247962.7	842443.0	137.2	18.245	14.129	37.8	23.076	3.1	18.363	1.530	1.730	48.5	2.310	0.2	-1.598	2.121	-53.0	2.656
247962.0	842442.3	137.1	17.996	13.895	37.7	22.736	3.2	18.093	1.514	1.711	48.5	2.285	0.2	-1.499	2.018	-53.4	2.514
247961.3	842441.5	137.0	17.751	13.666	37.6	22.402	3.3	17.827	1.498	1.690	48.4	2.259	0.3	-1.409	1.924	-53.8	2.384
247960.6	842440.8	136.9	17.510	13.440	37.5	22.074	3.4	17.566	1.482	1.670	48.4	2.233	0.3	-1.325	1.837	-54.2	2.265
247959.9	842440.1	136.8	17.220	13.169	37.4	21.678	3.5	17.251	1.466	1.649	48.4	2.207	0.3	-1.177	1.677	-54.9	2.049
247959.2	842439.4	136.6	16.931	12.900	37.3	21.285	3.6	16.938	1.449	1.628	48.3	2.180	0.3	-1.031	1.519	-55.8	1.836
247958.5	842438.7	136.6	16.765	12.747	37.2	21.061	3.7	16.760	1.433	1.608	48.3	2.154	0.4	-1.052	1.550	-55.8	1.873
247957.8	842438.0	136.6	16.567	12.563	37.2	20.791	3.8	16.545	1.417	1.588	48.3	2.129	0.4	-1.029	1.529	-56.1	1.843

247957.1	842437.2	136.5	16.371	12.382	37.1	20.526	3.9	16.334	1.401	1.568	48.2	2.103	0.4	-1.009	1.513	-56.3	1.819
247956.4	842436.5	136.4	16.178	12.204	37.0	20.265	4.0	16.126	1.385	1.548	48.2	2.078	0.5	-0.993	1.499	-56.5	1.798
247955.7	842435.8	136.3	15.939	11.984	36.9	19.941	4.1	15.869	1.369	1.529	48.1	2.052	0.5	-0.910	1.410	-57.2	1.679
247955.0	842435.1	136.2	15.696	11.760	36.8	19.613	4.2	15.608	1.353	1.509	48.1	2.027	0.5	-0.820	1.311	-58.0	1.546
247954.3	842434.4	136.1	15.460	11.543	36.7	19.293	4.2	15.353	1.338	1.490	48.1	2.002	0.6	-0.734	1.217	-58.9	1.421
247953.6	842433.7	136.1	15.336	11.430	36.7	19.127	4.3	15.221	1.323	1.472	48.1	1.979	0.6	-0.807	1.300	-58.2	1.531
247952.9	842432.9	136.1	15.238	11.343	36.7	18.996	4.3	15.117	1.308	1.455	48.0	1.957	0.7	-0.916	1.423	-57.2	1.692
247952.2	842432.2	136.1	15.104	11.221	36.6	18.815	4.4	14.973	1.294	1.438	48.0	1.935	0.7	-0.969	1.481	-56.8	1.770
247951.5	842431.5	136.0	14.911	11.045	36.5	18.556	4.5	14.766	1.280	1.421	48.0	1.912	0.7	-0.934	1.440	-57.0	1.716
247950.8	842430.8	135.9	14.721	10.872	36.4	18.301	4.5	14.563	1.266	1.404	48.0	1.890	0.7	-0.899	1.398	-57.3	1.662
247950.2	842430.1	135.8	14.485	10.657	36.3	17.983	4.6	14.310	1.252	1.387	47.9	1.868	0.8	-0.789	1.272	-58.2	1.497
247949.5	842429.3	135.6	14.233	10.427	36.2	17.644	4.7	14.040	1.238	1.370	47.9	1.846	0.8	-0.649	1.113	-59.7	1.288
247948.8	842428.6	135.6	14.048	10.260	36.1	17.396	4.8	13.843	1.225	1.354	47.9	1.826	0.8	-0.604	1.058	-60.3	1.218
247948.1	842427.9	135.5	13.935	10.160	36.1	17.246	4.8	13.724	1.212	1.340	47.9	1.807	0.8	-0.665	1.120	-59.3	1.302
247947.4	842427.2	135.5	13.824	10.060	36.0	17.097	4.9	13.605	1.200	1.326	47.8	1.789	0.8	-0.721	1.178	-58.5	1.381
247946.7	842426.5	135.5	13.672	9.924	36.0	16.894	4.9	13.444	1.188	1.312	47.8	1.770	0.8	-0.712	1.161	-58.5	1.362
247946.0	842425.8	135.4	13.522	9.790	35.9	16.694	5.0	13.285	1.177	1.298	47.8	1.752	0.8	-0.701	1.142	-58.5	1.340
247945.3	842425.0	135.4	13.361	9.645	35.8	16.478	5.1	13.113	1.165	1.285	47.8	1.734	0.8	-0.666	1.096	-58.7	1.283
247944.6	842424.3	135.2	13.167	9.471	35.7	16.219	5.1	12.907	1.154	1.271	47.8	1.717	0.8	-0.573	0.987	-59.8	1.141
247943.9	842423.6	135.2	13.051	9.368	35.7	16.065	5.2	12.784	1.143	1.259	47.7	1.701	0.8	-0.599	1.007	-59.3	1.172
247943.2	842422.9	135.2	12.957	9.285	35.6	15.940	5.2	12.685	1.133	1.247	47.7	1.685	0.8	-0.653	1.060	-58.4	1.245
247942.5	842422.2	135.1	12.762	9.111	35.5	15.681	5.3	12.478	1.123	1.234	47.7	1.669	0.8	-0.541	0.928	-59.8	1.074
247941.8	842421.4	135.1	12.669	9.029	35.5	15.557	5.3	12.380	1.113	1.223	47.7	1.654	0.8	-0.586	0.970	-58.9	1.134
247941.1	842420.7	135.0	12.524	8.900	35.4	15.364	5.4	12.226	1.104	1.212	47.7	1.639	0.8	-0.543	0.914	-59.3	1.063
247940.4	842420.0	134.9	12.376	8.769	35.3	15.167	5.4	12.070	1.094	1.201	47.7	1.624	0.8	-0.488	0.846	-60.0	0.977
247939.7	842419.3	134.9	12.246	8.654	35.2	14.995	5.5	11.933	1.085	1.190	47.6	1.611	0.8	-0.458	0.804	-60.3	0.925
247939.0	842418.6	134.9	12.154	8.574	35.2	14.874	5.5	11.836	1.077	1.180	47.6	1.598	0.8	-0.486	0.826	-59.5	0.958
247938.3	842417.9	135.0	12.155	8.576	35.2	14.876	5.5	11.838	1.069	1.172	47.6	1.586	0.8	-0.664	1.013	-56.8	1.211
247937.6	842417.1	135.0	12.066	8.498	35.2	14.758	5.5	11.744	1.062	1.162	47.6	1.574	0.8	-0.686	1.029	-56.3	1.237
247936.9	842416.4	135.0	11.972	8.415	35.1	14.633	5.6	11.645	1.054	1.153	47.6	1.562	0.8	-0.695	1.030	-56.0	1.242
247936.2	842415.7	135.0	11.861	8.317	35.0	14.487	5.6	11.528	1.046	1.144	47.6	1.550	0.8	-0.672	0.996	-56.0	1.202
247935.5	842415.0	134.9	11.753	8.222	35.0	14.343	5.7	11.414	1.039	1.136	47.6	1.539	0.8	-0.648	0.960	-56.0	1.158
247934.8	842414.3	135.0	11.675	8.154	34.9	14.241	5.7	11.333	1.032	1.127	47.5	1.528	0.7	-0.672	0.977	-55.5	1.186
247934.1	842413.5	135.0	11.616	8.102	34.9	14.163	5.7	11.270	1.025	1.120	47.5	1.518	0.7	-0.722	1.023	-54.8	1.253
247933.4	842412.8	135.0	11.560	8.053	34.9	14.088	5.8	11.211	1.018	1.112	47.5	1.508	0.7	-0.773	1.070	-54.1	1.320
247932.8	842412.1	135.1	11.504	8.004	34.8	14.014	5.8	11.152	1.012	1.104	47.5	1.498	0.7	-0.821	1.114	-53.6	1.384
247932.1	842411.4	135.0	11.391	7.904	34.8	13.865	5.8	11.033	1.005	1.096	47.5	1.487	0.7	-0.767	1.045	-53.7	1.296
247931.4	842410.7	134.8	11.204	7.740	34.6	13.617	5.9	10.836	0.998	1.088	47.5	1.476	0.6	-0.578	0.830	-55.1	1.012
247930.7	842410.0	134.7	11.071	7.623	34.6	13.441	6.0	10.696	0.991	1.080	47.5	1.466	0.6	-0.477	0.711	-56.2	0.856
247930.0	842409.2	134.5	10.892	7.467	34.4	13.206	6.0	10.509	0.984	1.072	47.4	1.455	0.6	-0.287	0.496	-59.9	0.573
247929.3	842408.5	134.5	10.812	7.397	34.4	13.100	6.1	10.425	0.978	1.065	47.4	1.446	0.6	-0.270	0.470	-60.1	0.542
247928.6	842407.8	134.5	10.734	7.329	34.3	12.997	6.1	10.343	0.972	1.057	47.4	1.437	0.5	-0.252	0.443	-60.4	0.510
247927.9	842407.1	134.6	10.733	7.327	34.3	12.995	6.1	10.341	0.967	1.051	47.4	1.428	0.5	-0.371	0.566	-56.8	0.677
247927.2	842406.4	134.8	10.751	7.342	34.3	13.019	6.2	10.360	0.961	1.044	47.4	1.419	0.5	-0.521	0.723	-54.2	0.891
247926.5	842405.6	134.8	10.718	7.313	34.3	12.975	6.2	10.325	0.956	1.038	47.3	1.411	0.5	-0.574	0.775	-53.5	0.964
247925.8	842404.9	134.9	10.687	7.285	34.3	12.934	6.2	10.292	0.951	1.031	47.3	1.402	0.4	-0.625	0.825	-52.8	1.035
247925.1	842404.2	134.9	10.648	7.251	34.3	12.883	6.3	10.252	0.945	1.025	47.3	1.394	0.4	-0.660	0.857	-52.4	1.082
247924.4	842403.5	135.0	10.625	7.230	34.2	12.852	6.3	10.227	0.940	1.018	47.3	1.386	0.4	-0.717	0.915	-51.9	1.163
247923.7	842402.8	135.1	10.610	7.216	34.2	12.831	6.3	10.210	0.936	1.012	47.3	1.379	0.4	-0.784	0.982	-51.4	1.256
247923.0	842402.1	135.1	10.561	7.173	34.2	12.767	6.4	10.160	0.931	1.006	47.2	1.371	0.4	-0.786	0.981	-51.3	1.257
247922.3	842401.3	135.1	10.508	7.125	34.1	12.696	6.4	10.103	0.926	1.001	47.2	1.364	0.4	-0.774	0.963	-51.2	1.235
247921.6	842400.6	135.1	10.457	7.080	34.1	12.628	6.4	10.049	0.922	0.995	47.2	1.357	0.3	-0.761	0.945	-51.2	1.213
247920.9	842399.9	135.1	10.421	7.048	34.1	12.581	6.5	10.012	0.918	0.990	47.2	1.351	0.3	-0.771	0.953	-51.0	1.226
247920.2	842399.2	135.1	10.401	7.030	34.1	12.554	6.5	9.990	0.915	0.986	47.1	1.345	0.3	-0.803	0.984	-50.8	1.270
247919.5	842398.5	135.1	10.339	6.975	34.0	12.471	6.5	9.925	0.912	0.982	47.1	1.340	0.3	-0.752	0.926	-50.9	1.193
247918.8	842397.7	135.1	10.298	6.939	34.0	12.418	6.6	9.882	0.909	0.978	47.1	1.335	0.3	-0.735	0.904	-50.9	1.165
247918.1	842397.0	135.1	10.261	6.906	33.9	12.369	6.6	9.843	0.906	0.975	47.1	1.331	0.3	-0.717	0.883	-50.9	1.138
247917.4	842396.3	135.2	10.271	6.914	33.9	12.381	6.6	9.853	0.905	0.973	47.1	1.328	0.3	-0.781	0.949	-50.6	1.229
247916.7	842395.6	135.2	10.248	6.894	33.9	12.351	6.6	9.829	0.903	0.971	47.1	1.326	0.3	-0.777	0.943	-50.5	1.222
247916.0	842394.9	135.2	10.229	6.877	33.9	12.326	6.7	9.809	0.902	0.969	47.1	1.324	0.3	-0.773	0.936	-50.4	1.214
247915.4	842394.2	135.2	10.214	6.863	33.9	12.305	6.7	9.792	0.901	0.969	47.1	1.323	0.3	-0.769	0.929	-50.4	1.207
247914.7	842393.4	135.2	10.203	6.853	33.9	12.291	6.7	9.781	0.901	0.969	47.1	1.323	0.2	-0.767	0.924	-50.3	1.201

Max BF along centerline is 37.605 (uT) at 191.000 (m) from structure [redacted]-8

Cross section results at max BF along centerline between structures [redacted]-8 and [redacted]-9





3D EMF Point Results Span from [redacted]-8 to [redacted]-9:

Measurement			B					H	EF					Space Potential			
X (m)	Y (m)	Z (m)	Real (uT)	Imaginary (uT)	Angle (deg)	Magnitude (uT)	Polarization Axial Ratio %	Magnitude (A/m)	Real (kV/m)	Imaginary (kV/m)	Angle (deg)	Magnitude (kV/m)	Polarization Axial Ratio %	Real (kV)	Imaginary (kV)	Angle (deg)	Magnitude (kV)
248168.5	842633.5	134.8	29.288	14.588	26.5	32.720	6.2	26.038	1.150	0.335	16.2	1.198	1.2	1.392	-0.349	-14.1	1.435
248167.8	842634.2	134.8	28.405	14.635	27.3	31.954	6.2	25.428	0.915	0.253	15.4	0.949	2.9	1.131	-0.256	-12.7	1.160
248167.0	842634.8	134.8	27.668	14.722	28.0	31.342	6.2	24.941	0.707	0.175	13.9	0.728	6.4	0.899	-0.160	-10.1	0.913
248166.3	842635.5	134.9	27.077	14.857	28.8	30.885	6.0	24.578	0.521	0.114	12.3	0.534	13.6	0.690	-0.060	-5.0	0.692
248165.6	842636.2	134.9	26.630	15.046	29.5	30.586	5.8	24.340	0.358	0.114	17.7	0.375	31.4	0.498	0.043	4.9	0.500
248164.9	842636.9	134.9	26.324	15.296	30.2	30.445	5.5	24.227	0.224	0.182	39.2	0.289	81.3	0.320	0.152	25.4	0.355
248164.2	842637.6	134.9	26.154	15.615	30.8	30.461	5.2	24.240	0.167	0.280	59.1	0.326	45.6	0.150	0.269	60.9	0.308
248163.4	842638.3	135.0	26.119	16.010	31.5	30.635	4.8	24.379	0.240	0.394	58.6	0.461	18.8	-0.017	0.397	-87.5	0.397
248162.7	842639.0	135.0	26.214	16.488	32.2	30.968	4.4	24.643	0.374	0.523	54.4	0.643	8.8	-0.186	0.538	-70.9	0.570

248162.0	842639.7	135.0	26.434	17.054	32.8	31.458	4.0	25.033	0.530	0.669	51.6	0.854	4.4	-0.362	0.698	-62.6	0.786
248161.3	842640.4	135.0	26.761	17.705	33.5	32.088	3.5	25.535	0.702	0.836	50.0	1.091	2.3	-0.542	0.870	-58.1	1.025
248160.6	842641.1	135.0	27.201	18.454	34.2	32.870	2.9	26.157	0.889	1.026	49.1	1.357	1.1	-0.733	1.065	-55.5	1.293
248159.9	842641.8	135.0	27.739	19.298	34.8	33.792	2.3	26.891	1.093	1.243	48.7	1.656	0.4	-0.936	1.283	-53.9	1.588
248159.1	842642.5	135.0	28.371	20.242	35.5	34.852	1.6	27.735	1.317	1.492	48.6	1.990	0.4	-1.157	1.531	-52.9	1.918
248158.4	842643.2	135.1	29.084	21.283	36.2	36.039	0.9	28.679	1.560	1.774	48.7	2.363	0.6	-1.397	1.812	-52.4	2.288
248157.7	842643.9	135.1	29.860	22.412	36.9	37.335	0.1	29.710	1.825	2.091	48.9	2.775	0.7	-1.658	2.129	-52.1	2.698
248157.0	842644.6	135.1	30.677	23.612	37.6	38.712	1.0	30.806	2.108	2.442	49.2	3.226	0.8	-1.940	2.480	-52.0	3.149
248156.3	842645.3	135.1	31.504	24.858	38.3	40.130	2.0	31.935	2.405	2.820	49.5	3.707	0.9	-2.239	2.863	-52.0	3.634
248155.6	842646.0	135.1	32.303	26.111	38.9	41.536	3.2	33.054	2.711	3.215	49.9	4.206	0.9	-2.550	3.266	-52.0	4.143
248154.8	842646.7	135.1	33.023	27.319	39.6	42.858	4.6	34.106	3.015	3.610	50.1	4.703	0.9	-2.862	3.674	-52.1	4.657
248154.1	842647.4	135.1	33.607	28.414	40.2	44.009	6.0	35.021	3.302	3.980	50.3	5.171	0.9	-3.164	4.062	-52.1	5.149
248153.4	842648.1	135.1	33.992	29.320	40.8	44.890	7.6	35.722	3.555	4.295	50.4	5.576	0.9	-3.437	4.402	-52.0	5.585
248152.7	842648.8	135.1	34.118	29.955	41.3	45.403	9.3	36.130	3.758	4.524	50.3	5.881	1.0	-3.663	4.660	-51.8	5.928
248152.0	842649.5	135.1	33.940	30.252	41.7	45.465	11.1	36.180	3.893	4.637	50.0	6.055	1.3	-3.826	4.807	-51.5	6.144
248151.2	842650.2	135.2	33.435	30.166	42.1	45.032	13.0	35.835	3.950	4.618	49.5	6.077	1.6	-3.915	4.824	-50.9	6.213
248150.5	842650.9	135.2	32.616	29.691	42.3	44.106	15.0	35.098	3.925	4.464	48.7	5.944	2.0	-3.928	4.708	-50.2	6.132
248149.8	842651.6	135.2	31.514	28.846	42.5	42.723	17.0	33.998	3.823	4.188	47.6	5.671	2.5	-3.863	4.465	-49.1	5.904
248149.1	842652.2	135.2	30.190	27.689	42.5	40.964	19.0	32.598	3.657	3.818	46.2	5.287	3.1	-3.726	4.115	-47.8	5.551
248148.4	842652.9	135.2	28.713	26.295	42.5	38.934	20.9	30.983	3.443	3.386	44.5	4.829	3.8	-3.535	3.692	-46.2	5.111
248147.7	842653.6	135.2	27.151	24.748	42.3	36.738	22.8	29.235	3.196	2.927	42.5	4.334	4.4	-3.305	3.230	-44.3	4.621
248146.9	842654.3	135.2	25.564	23.122	42.1	34.470	24.7	27.430	2.933	2.469	40.1	3.834	5.1	-3.052	2.760	-42.1	4.115

Centerline results between structures [redacted]-9 and [redacted]-10

3D EMF Point Results Centerline from [redacted]-9 to [redacted]-10:

Measurement			B					H	EF					Space Potential			
X (m)	Y (m)	Z (m)	Real (uT)	Imaginary (uT)	Angle (deg)	Magnitude (uT)	Polarization Axial Ratio %	Magnitude (A/m)	Real (kV/m)	Imaginary (kV/m)	Angle (deg)	Magnitude (kV/m)	Polarization Axial Ratio %	Real (kV)	Imaginary (kV)	Angle (deg)	Magnitude (kV)
247913.8	842392.5	135.2	10.195	6.847	33.9	12.281	6.7	9.773	0.902	0.970	47.1	1.325	0.2	-0.766	0.920	-50.2	1.197
247913.1	842391.8	135.2	10.194	6.846	33.9	12.279	6.7	9.772	0.903	0.972	47.1	1.327	0.2	-0.765	0.917	-50.2	1.194
247912.4	842391.1	135.2	10.196	6.848	33.9	12.282	6.7	9.774	0.905	0.974	47.1	1.329	0.2	-0.764	0.914	-50.1	1.191
247911.7	842390.4	135.2	10.202	6.853	33.9	12.290	6.7	9.780	0.907	0.977	47.1	1.333	0.2	-0.762	0.910	-50.1	1.187
247911.0	842389.7	135.2	10.212	6.862	33.9	12.303	6.7	9.791	0.909	0.981	47.2	1.337	0.2	-0.761	0.906	-50.0	1.183
247910.3	842388.9	135.3	10.225	6.874	33.9	12.321	6.7	9.805	0.912	0.985	47.2	1.343	0.2	-0.758	0.902	-49.9	1.179
247909.6	842388.2	135.3	10.238	6.886	33.9	12.338	6.7	9.818	0.916	0.990	47.2	1.348	0.2	-0.749	0.891	-49.9	1.164
247908.9	842387.5	135.2	10.246	6.893	33.9	12.349	6.7	9.827	0.920	0.995	47.2	1.355	0.2	-0.724	0.861	-50.0	1.125
247908.2	842386.8	135.3	10.272	6.917	34.0	12.384	6.6	9.855	0.924	1.001	47.3	1.362	0.2	-0.726	0.862	-49.9	1.127
247907.5	842386.1	135.3	10.302	6.944	34.0	12.424	6.6	9.887	0.928	1.007	47.3	1.370	0.2	-0.729	0.864	-49.9	1.130
247906.8	842385.3	135.4	10.361	6.995	34.0	12.502	6.6	9.948	0.934	1.014	47.4	1.378	0.2	-0.777	0.915	-49.7	1.201
247906.1	842384.6	135.4	10.435	7.060	34.1	12.599	6.5	10.026	0.939	1.021	47.4	1.388	0.1	-0.846	0.990	-49.5	1.302
247905.4	842383.9	135.5	10.485	7.104	34.1	12.665	6.5	10.079	0.945	1.029	47.4	1.397	0.1	-0.866	1.011	-49.4	1.331
247904.7	842383.2	135.5	10.510	7.127	34.1	12.698	6.5	10.105	0.950	1.037	47.5	1.406	0.1	-0.834	0.977	-49.5	1.284
247904.0	842382.5	135.5	10.537	7.151	34.2	12.734	6.5	10.134	0.956	1.044	47.5	1.416	0.1	-0.800	0.941	-49.6	1.236
247903.3	842381.8	135.5	10.576	7.185	34.2	12.786	6.4	10.174	0.962	1.052	47.6	1.426	0.1	-0.783	0.923	-49.7	1.210
247902.6	842381.0	135.6	10.666	7.265	34.3	12.905	6.4	10.269	0.969	1.061	47.6	1.437	0.1	-0.851	1.000	-49.6	1.313
247901.9	842380.3	135.7	10.767	7.353	34.3	13.038	6.3	10.376	0.976	1.070	47.6	1.449	0.0	-0.931	1.091	-49.5	1.434
247901.2	842379.6	135.8	10.892	7.462	34.4	13.202	6.3	10.506	0.984	1.080	47.7	1.461	0.0	-1.045	1.219	-49.4	1.605
247900.5	842378.9	135.9	10.993	7.551	34.5	13.336	6.2	10.613	0.991	1.089	47.7	1.473	0.1	-1.112	1.297	-49.4	1.709
247899.8	842378.2	135.9	11.062	7.611	34.5	13.428	6.2	10.685	0.999	1.098	47.7	1.485	0.1	-1.119	1.309	-49.5	1.722
247899.2	842377.4	136.0	11.133	7.674	34.6	13.522	6.2	10.760	1.006	1.108	47.7	1.497	0.1	-1.123	1.319	-49.6	1.733
247898.5	842376.7	135.9	11.167	7.704	34.6	13.567	6.2	10.796	1.014	1.117	47.8	1.508	0.2	-1.060	1.256	-49.8	1.643
247897.8	842376.0	135.9	11.216	7.747	34.6	13.631	6.1	10.847	1.021	1.126	47.8	1.520	0.2	-1.016	1.214	-50.1	1.583
247897.1	842375.3	135.8	11.229	7.758	34.6	13.648	6.1	10.861	1.029	1.135	47.8	1.532	0.3	-0.906	1.100	-50.5	1.425
247896.4	842374.6	135.7	11.230	7.759	34.6	13.650	6.1	10.862	1.036	1.144	47.8	1.543	0.4	-0.771	0.959	-51.2	1.231
247895.7	842373.9	135.8	11.303	7.822	34.7	13.746	6.1	10.938	1.045	1.154	47.8	1.557	0.4	-0.751	0.945	-51.5	1.208
247895.0	842373.1	135.8	11.366	7.877	34.7	13.829	6.0	11.005	1.053	1.164	47.9	1.570	0.5	-0.710	0.908	-52.0	1.152
247894.3	842372.4	135.8	11.430	7.933	34.8	13.914	6.0	11.072	1.062	1.175	47.9	1.584	0.5	-0.664	0.867	-52.5	1.092
247893.6	842371.7	135.8	11.496	7.990	34.8	14.000	6.0	11.141	1.072	1.186	47.9	1.599	0.6	-0.615	0.821	-53.2	1.026
247892.9	842371.0	135.8	11.563	8.048	34.8	14.088	6.0	11.211	1.082	1.198	47.9	1.614	0.6	-0.562	0.771	-53.9	0.954
247892.2	842370.3	135.8	11.631	8.107	34.9	14.177	5.9	11.282	1.092	1.210	47.9	1.630	0.6	-0.504	0.716	-54.9	0.875
247891.5	842369.5	135.8	11.700	8.167	34.9	14.268	5.9	11.354	1.102	1.222	48.0	1.646	0.7	-0.441	0.655	-56.0	0.790
247890.8	842368.8	135.8	11.770	8.227	35.0	14.360	5.9	11.427	1.113	1.236	48.0	1.663	0.7	-0.374	0.589	-57.6	0.698
247890.1	842368.1	135.8	11.842	8.290	35.0	14.455	5.8	11.503	1.125	1.249	48.0	1.681	0.7	-0.305	0.520	-59.6	0.603
247889.4	842367.4	135.9	11.948	8.383	35.1	14.596	5.8	11.615	1.137	1.264	48.0	1.700	0.7	-0.285	0.506	-60.6	0.581
247888.7	842366.7	135.9	12.034	8.457	35.1	14.709	5.8	11.705	1.149	1.279	48.1	1.720	0.8	-0.226	0.447	-63.2	0.501
247888.0	842366.0	136.0	12.189	8.593	35.2	14.914	5.7	11.868	1.163	1.295	48.1	1.741	0.7	-0.273	0.506	-61.6	0.575
247887.3	842365.2	136.1	12.340	8.726	35.3	15.114	5.7	12.027	1.176	1.312	48.1	1.762	0.7	-0.307	0.549	-60.8	0.629
247886.6	842364.5	136.2	12.492	8.860	35.3	15.315	5.6	12.188	1.190	1.329	48.2	1.784	0.7	-0.336	0.587	-60.2	0.677
247885.9	842363.8	136.3	12.644	8.993	35.4	15.515	5.6	12.347	1.204	1.347	48.2	1.807	0.7	-0.357	0.615	-59.9	0.711
247885.2	842363.1	136.4	12.797	9.128	35.5	15.719	5.5	12.509	1.218	1.365	48.2	1.829	0.7	-0.376	0.641	-59.6	0.743
247884.5	842362.4	136.7	13.042	9.346	35.6	16.045	5.4	12.768	1.233	1.384	48.3	1.853	0.6	-0.532	0.819	-57.0	0.977
247883.8	842361.7	136.9	13.318	9.592	35.8	16.413	5.3	13.061	1.249	1.403	48.3	1.878	0.6	-0.727	1.040	-55.1	1.269
247883.1	842360.9	137.2	13.608	9.852	35.9	16.801	5.2	13.369	1.264	1.423	48.4	1.904	0.5	-0.933	1.275	-53.8	1.580
247882.4	842360.2	137.4	13.920	10.132	36.1	17.217	5.1	13.701	1.281	1.444	48.4	1.930	0.4	-1.160	1.532	-52.9	1.922
247881.8	842359.5	137.7	14.194	10.379	36.2	17.584	5.0	13.993	1.297	1.464	48.5	1.955	0.4	-1.322	1.718	-52.4	2.168
247881.1	842358.8	137.9	14.449	10.610	36.3	17.926	4.9	14.265	1.312	1.484	48.5	1.981	0.4	-1.450	1.864	-52.1	2.362
247880.4	842358.1	138.0	14.693	10.831	36.4	18.254	4.8	14.526	1.328	1.504	48.5	2.006	0.4	-1.555	1.986	-51.9	2.523
247879.7	842357.3	138.1	14.897	11.015	36.5	18.527	4.7	14.744	1.344	1.523	48.6	2.031	0.4	-1.599	2.038	-51.9	2.590
247879.0	842356.6	138.2	15.070	11.171	36.5	18.758	4.6	14.928	1.359	1.543	48.6	2.056	0.4	-1.595	2.035	-51.9	2.585
247878.3	842355.9	138.3	15.237	11.322	36.6	18.982	4.5	15.106	1.374	1.562	48.7	2.080	0.4	-1.579	2.019	-52.0	2.563
247877.6	842355.2	138.2	15.244	11.325	36.6	18.991	4.5	15.112	1.387	1.579	48.7	2.102	0.4	-1.342	1.753	-52.5	2.208

247876.9	842354.5	138.2	15.315	11.388	36.6	19.085	4.5	15.187	1.402	1.597	48.7	2.125	0.4	-1.189	1.579	-53.0	1.977
247876.2	842353.8	138.2	15.476	11.533	36.7	19.301	4.4	15.359	1.417	1.617	48.8	2.150	0.4	-1.157	1.542	-53.1	1.928
247875.5	842353.0	138.4	15.785	11.816	36.8	19.718	4.3	15.691	1.434	1.638	48.8	2.177	0.4	-1.324	1.729	-52.6	2.178
247874.8	842352.3	138.7	16.150	12.152	37.0	20.211	4.2	16.084	1.451	1.661	48.8	2.206	0.3	-1.557	1.992	-52.0	2.528
247874.1	842351.6	138.9	16.446	12.424	37.1	20.612	4.0	16.402	1.468	1.683	48.9	2.233	0.3	-1.692	2.143	-51.7	2.730
247873.4	842350.9	139.0	16.670	12.630	37.1	20.915	3.9	16.643	1.484	1.703	48.9	2.259	0.3	-1.729	2.182	-51.6	2.784
247872.7	842350.2	139.1	16.907	12.848	37.2	21.234	3.8	16.898	1.501	1.724	49.0	2.286	0.3	-1.778	2.236	-51.5	2.857
247872.0	842349.4	139.2	17.158	13.081	37.3	21.576	3.7	17.169	1.517	1.745	49.0	2.312	0.3	-1.845	2.309	-51.4	2.956
247871.3	842348.7	139.3	17.409	13.312	37.4	21.915	3.6	17.440	1.533	1.765	49.0	2.338	0.4	-1.907	2.377	-51.3	3.048
247870.6	842348.0	139.4	17.597	13.486	37.5	22.171	3.5	17.643	1.548	1.785	49.1	2.363	0.4	-1.891	2.355	-51.2	3.020
247869.9	842347.3	139.4	17.753	13.629	37.5	22.381	3.5	17.810	1.563	1.803	49.1	2.386	0.3	-1.833	2.287	-51.3	2.931
247869.2	842346.6	139.5	17.937	13.799	37.6	22.631	3.4	18.009	1.577	1.822	49.1	2.410	0.3	-1.811	2.259	-51.3	2.895
247868.5	842345.9	139.5	18.094	13.943	37.6	22.843	3.3	18.178	1.592	1.840	49.1	2.433	0.3	-1.756	2.193	-51.3	2.809
247867.8	842345.1	139.5	18.251	14.089	37.7	23.057	3.3	18.348	1.606	1.857	49.2	2.455	0.3	-1.703	2.130	-51.4	2.727
247867.1	842344.4	139.6	18.500	14.321	37.7	23.395	3.2	18.617	1.620	1.875	49.2	2.478	0.3	-1.763	2.197	-51.3	2.816
247866.4	842343.7	139.7	18.774	14.577	37.8	23.769	3.0	18.914	1.634	1.893	49.2	2.501	0.3	-1.852	2.298	-51.1	2.952
247865.7	842343.0	139.8	18.930	14.721	37.9	23.981	3.0	19.083	1.647	1.909	49.2	2.521	0.3	-1.802	2.240	-51.2	2.875
247865.0	842342.3	139.7	19.009	14.792	37.9	24.086	2.9	19.167	1.659	1.923	49.2	2.540	0.3	-1.662	2.079	-51.4	2.662
247864.4	842341.5	139.8	19.171	14.942	37.9	24.306	2.9	19.342	1.671	1.938	49.2	2.559	0.2	-1.624	2.036	-51.4	2.604
247863.7	842340.8	139.8	19.355	15.113	38.0	24.557	2.8	19.542	1.683	1.952	49.2	2.578	0.2	-1.616	2.028	-51.4	2.593
247863.0	842340.1	139.9	19.548	15.293	38.0	24.819	2.7	19.750	1.695	1.966	49.2	2.596	0.2	-1.620	2.034	-51.5	2.601
247862.3	842339.4	139.9	19.744	15.476	38.1	25.086	2.6	19.963	1.706	1.979	49.2	2.613	0.2	-1.633	2.051	-51.5	2.621
247861.6	842338.7	140.0	19.943	15.663	38.1	25.359	2.5	20.180	1.717	1.992	49.2	2.630	0.2	-1.652	2.076	-51.5	2.653
247860.9	842338.0	140.0	20.149	15.855	38.2	25.639	2.4	20.403	1.728	2.004	49.2	2.646	0.3	-1.682	2.114	-51.5	2.701
247860.2	842337.2	140.1	20.359	16.053	38.3	25.926	2.3	20.632	1.738	2.015	49.2	2.661	0.3	-1.721	2.163	-51.5	2.764
247859.5	842336.5	140.1	20.563	16.244	38.3	26.205	2.2	20.854	1.747	2.026	49.2	2.675	0.3	-1.757	2.210	-51.5	2.823
247858.8	842335.8	140.1	20.678	16.350	38.3	26.361	2.2	20.977	1.756	2.035	49.2	2.687	0.3	-1.696	2.144	-51.7	2.734
247858.1	842335.1	140.1	20.756	16.420	38.3	26.466	2.2	21.061	1.763	2.043	49.2	2.699	0.3	-1.599	2.038	-51.9	2.591
247857.4	842334.4	140.1	20.834	16.490	38.4	26.570	2.1	21.144	1.771	2.050	49.2	2.709	0.3	-1.507	1.939	-52.1	2.455
247856.7	842333.6	140.0	20.911	16.560	38.4	26.674	2.1	21.226	1.777	2.057	49.2	2.719	0.3	-1.420	1.845	-52.4	2.328
247856.0	842332.9	140.0	21.006	16.647	38.4	26.803	2.1	21.329	1.784	2.064	49.2	2.728	0.3	-1.360	1.784	-52.7	2.243
247855.3	842332.2	140.0	21.150	16.781	38.4	26.998	2.0	21.485	1.790	2.070	49.1	2.736	0.3	-1.360	1.791	-52.8	2.249
247854.6	842331.5	140.0	21.310	16.931	38.5	27.217	1.9	21.659	1.796	2.075	49.1	2.744	0.4	-1.386	1.828	-52.8	2.294
247853.9	842330.8	140.0	21.472	17.081	38.5	27.437	1.8	21.834	1.801	2.080	49.1	2.751	0.4	-1.418	1.873	-52.9	2.349
247853.2	842330.1	140.1	21.633	17.233	38.5	27.658	1.8	22.010	1.806	2.084	49.1	2.757	0.4	-1.455	1.924	-52.9	2.412
247852.5	842329.3	140.0	21.642	17.236	38.5	27.667	1.8	22.017	1.809	2.087	49.1	2.762	0.4	-1.330	1.787	-53.4	2.228
247851.8	842328.6	140.0	21.733	17.319	38.6	27.789	1.7	22.114	1.812	2.089	49.1	2.766	0.5	-1.301	1.762	-53.6	2.191
247851.1	842327.9	140.0	21.855	17.432	38.6	27.956	1.7	22.246	1.815	2.092	49.0	2.770	0.5	-1.314	1.784	-53.6	2.216
247850.4	842327.2	139.9	21.860	17.431	38.6	27.958	1.7	22.249	1.818	2.093	49.0	2.772	0.5	-1.202	1.662	-54.1	2.051
247849.7	842326.5	139.8	21.917	17.481	38.6	28.035	1.7	22.309	1.819	2.094	49.0	2.774	0.6	-1.155	1.614	-54.4	1.985
247849.0	842325.7	139.9	22.061	17.616	38.6	28.232	1.6	22.466	1.822	2.096	49.0	2.777	0.6	-1.208	1.681	-54.3	2.070
247848.3	842325.0	139.9	22.206	17.751	38.6	28.429	1.5	22.623	1.823	2.097	49.0	2.779	0.7	-1.267	1.752	-54.1	2.162
247847.6	842324.3	139.8	22.209	17.748	38.6	28.430	1.5	22.624	1.824	2.097	49.0	2.780	0.7	-1.176	1.651	-54.5	2.027
247847.0	842323.6	139.7	22.204	17.738	38.6	28.419	1.5	22.615	1.825	2.098	49.0	2.780	0.7	-1.080	1.543	-55.0	1.883
247846.3	842322.9	139.7	22.337	17.861	38.6	28.600	1.5	22.759	1.826	2.099	49.0	2.782	0.7	-1.139	1.612	-54.8	1.974
247845.6	842322.2	139.7	22.495	18.009	38.7	28.816	1.4	22.931	1.827	2.101	49.0	2.784	0.8	-1.229	1.715	-54.4	2.110
247844.9	842321.4	139.8	22.654	18.158	38.7	29.033	1.3	23.104	1.828	2.102	49.0	2.786	0.9	-1.321	1.820	-54.0	2.249
247844.2	842320.7	139.8	22.789	18.284	38.7	29.217	1.3	23.250	1.830	2.104	49.0	2.788	0.9	-1.391	1.897	-53.8	2.352
247843.5	842320.0	139.7	22.823	18.311	38.7	29.261	1.2	23.285	1.830	2.105	49.0	2.789	0.9	-1.356	1.854	-53.8	2.297
247842.8	842319.3	139.7	22.845	18.327	38.7	29.288	1.2	23.307	1.830	2.106	49.0	2.790	0.9	-1.311	1.798	-53.9	2.225
247842.1	842318.6	139.6	22.915	18.388	38.7	29.380	1.2	23.380	1.831	2.107	49.0	2.791	0.9	-1.318	1.802	-53.8	2.232
247841.4	842317.8	139.6	23.033	18.498	38.8	29.542	1.2	23.508	1.832	2.109	49.0	2.793	0.9	-1.379	1.867	-53.5	2.321
247840.7	842317.1	139.5	22.974	18.434	38.7	29.455	1.2	23.440	1.832	2.109	49.0	2.793	0.9	-1.255	1.718	-53.9	2.128
247840.0	842316.4	139.5	22.974	18.428	38.7	29.452	1.2	23.437	1.832	2.110	49.0	2.794	0.9	-1.195	1.644	-54.0	2.032
247839.3	842315.7	139.4	23.071	18.516	38.7	29.582	1.2	23.540	1.833	2.112	49.0	2.796	0.9	-1.239	1.687	-53.7	2.093
247838.6	842315.0	139.4	23.166	18.602	38.8	29.710	1.1	23.643	1.833	2.113	49.1	2.798	0.9	-1.282	1.731	-53.5	2.154
247837.9	842314.3	139.4	23.261	18.688	38.8	29.838	1.1	23.745	1.834	2.115	49.1	2.799	0.9	-1.326	1.776	-53.2	2.216
247837.2	842313.5	139.4	23.355	18.774	38.8	29.965	1.0	23.845	1.835	2.116	49.1	2.801	0.9	-1.370	1.821	-53.0	2.279
247836.5	842312.8	139.4	23.448	18.859	38.8	30.091	1.0	23.946	1.836	2.118	49.1	2.803	0.9	-1.414	1.867	-52.9	2.342
247835.8	842312.1	139.4	23.541	18.943	38.8	30.216	0.9	24.045	1.837	2.119	49.1	2.805	0.9	-1.458	1.913	-52.7	2.405
247835.1	842311.4	139.4	23.633	19.026	38.8	30.340	0.9	24.144	1.838	2.120	49.1	2.806	0.9	-1.502	1.960	-52.5	2.469
247834.4	842310.7	139.3	23.679	19.065	38.8	30.400	0.9	24.192	1.839	2.121	49.1	2.807	0.9	-1.499	1.954	-52.5	2.463
247833.7	842310.0	139.3	23.717	19.095	38.8	30.449	0.9	24.230	1.839	2.121	49.1	2.808	0.9	-1.488	1.940	-52.5	2.445
247833.0	842309.2	139.2	23.754	19.124	38.8	30.496	0.9	24.268	1.840	2.122	49.1	2.808	0.9	-1.477	1.926	-52.5	2.427
247832.3	842308.5	139.2	23.790	19.153	38.8	30.541	0.8	24.304	1.841	2.122	49.1	2.809	0.9	-1.464	1.912	-52.6	2.408
247831.6	842307.8	139.1	23.779	19.135	38.8	30.522	0.9	24.288	1.841	2.122	49.1	2.809	0.8	-1.403	1.844	-52.7	2.317
247830.9	842307.1	139.1	23.747	19.096	38.8	30.472	0.9	24.249	1.842	2.122	49.0	2.809	0.8	-1.321	1.751	-53.0	2.193
247830.2	842306.4	139.0	23.764	19.106	38.8	30.492	0.9	24.264	1.842	2.122	49.0	2.810	0.8	-1.289	1.717	-53.1	2.147
247829.6	842305.6	139.0	23.820	19.154	38.8	30.565	0.8	24.323	1.844	2.123	49.0	2.812	0.8	-1.296	1.730	-53.2	2.162
247828.9	842304.9	138.9	23.865	19.191	38.8	30.624	0.8	24.370	1.845	2.123	49.0	2.813	0.8	-1.292	1.730	-53.2	2.159
247828.2	842304.2	138.9	23.857	19.175	38.8	30.608	0.8	24.357	1.846	2.124	49.0	2.814	0.8	-1.232	1.667	-53.5	2.073
247827.5	842303.5	138.8	23.800	19.112	38.8	30.524	0.9	24.290	1.847	2.123	49.0	2.814	0.8	-1.122	1.547	-54.0	1.911
247826.8	842302.8	138.8	23.908	19.211	38.8	30.670	0.8	24.407	1.849	2.125	49.0	2.816	0.8	-1.181	1.622	-53.9	2.007
247826.1	842302.1	138.8	24.024	19.317	38.8	30.827	0.8	24.531	1.851	2.126	49.0	2.819	0.8	-1.247	1.705	-53.8	2.112
247825.4	842301.3	138.8	24.203	19.486	38.8	31.072	0.7	24.727	1.853	2.128	48.9	2.822	0.9	-1.376	1.861	-53.5	2.314
247824.7	842300.6	138.9	24.389	19.661	38.9	31.327	0.6	24.929	1.856	2.131	48.9	2.826	1.0	-1.510	2.022	-53.3	2.523
247824.0	842299.9	138.9	24.501	19.763	38.9	31.479	0.6	25.050	1.859	2.132	48.9	2.829	1.0	-1.568	2.097	-53.2	2.619
247823.3	842299.2	138.9	24.613	19.865	38.9	31.630	0.5	25.170	1.861	2.134	48.9	2.832	1.1	-1.624	2.171	-53.2	2.711
247822.6	842298.5	138.8	24.494	19.740	38.9	31.458	0.6	25.034	1.861	2.133	48.9	2.831	1.0	-1.448	1.980	-53.8	2.453
247821.9	842297.7	138.7	24.515	19.754	38.9	31.483	0.6	25.054	1.863	2.133	48.9	2.832	1.0	-1.412	1.950	-54.1	2.408
247821.2	842297.0	138.7	24.617	19.845	38.9	31.620	0.5	25.162	1.866	2.135	48.9	2.835	1.1	-1.455	2.010	-54.1	2.481
247820.5	842296.3	138.8	24.717	19.936	38.9	31.755	0.5	25.270	1.868	2.137	48.8	2.838	1.1	-1.496	2.067	-54.1	2.552
247819.8	842295.6	138.7	24.711	19.922	38.9	31.741	0.5	25.259	1.870	2.137	48.8	2.839	1.1	-1.429	2.001	-54.5	2.459
247819.1	842294.9	138.6	24.619	19.823	38.8	31.607	0.5	25.152	1.871	2.136	48.8	2.840	1.1	-1.275	1.836	-55.2	2.235
247818.4	842294.2	138.6	24.740	19.934	38.9	31.772	0.5	25.283	1.874	2.139	48.8	2.843	1.2	-1.333	1.913	-55.1	2.331
247817.7	842293.4	138.7	24.908	20.091	38.9	32.001	0.4	25.465	1.877	2.142	48.8	2.848	1.2	-1.435	2.038	-54.9	2.493
247817.0	842292.7	138.7	25.075	20.248	38.9	32.230	0.3	25.648	1.881	2.145	48.8	2.853	1.3	-1.534	2.160	-54.6	2.650

247816.3	842292.0	138.7	25.125	20.288	38.9	32.293	0.3	25.698	1.884	2.147	48.7	2.857	1.3	-1.515	2.146	-54.8	2.627
247815.6	842291.3	138.6	25.107	20.261	38.9	32.263	0.3	25.674	1.887	2.149	48.7	2.860	1.3	-1.427	2.054	-55.2	2.501
247814.9	842290.6	138.6	25.081	20.228	38.9	32.222	0.4	25.641	1.889	2.151	48.7	2.863	1.3	-1.329	1.951	-55.7	2.361
247814.2	842289.8	138.5	25.095	20.233	38.9	32.236	0.4	25.653	1.893	2.153	48.7	2.867	1.3	-1.270	1.889	-56.1	2.276
247813.5	842289.1	138.5	25.045	20.221	38.9	32.189	0.4	25.615	1.885	2.148	48.7	2.858	1.2	-1.148	1.775	-57.1	2.114
247812.8	842288.4	138.4	25.071	20.237	38.9	32.219	0.4	25.639	1.889	2.151	48.7	2.862	1.2	-1.098	1.721	-57.5	2.042
247812.2	842287.7	138.4	25.101	20.257	38.9	32.255	0.3	25.668	1.892	2.154	48.7	2.867	1.2	-1.050	1.671	-57.8	1.973
247811.5	842287.0	138.4	25.120	20.266	38.9	32.276	0.3	25.684	1.896	2.157	48.7	2.872	1.2	-0.991	1.606	-58.3	1.887
247810.8	842286.3	138.4	25.274	20.409	38.9	32.486	0.3	25.851	1.900	2.162	48.7	2.879	1.2	-1.066	1.692	-57.8	2.000
247810.1	842285.5	138.4	25.299	20.424	38.9	32.515	0.3	25.874	1.904	2.165	48.7	2.883	1.2	-1.013	1.631	-58.2	1.920
247809.4	842284.8	138.3	25.316	20.434	38.9	32.533	0.2	25.889	1.916	2.172	48.6	2.896	1.2	-0.973	1.548	-57.8	1.828
247808.7	842284.1	138.3	25.394	20.501	38.9	32.637	0.2	25.972	1.920	2.175	48.6	2.901	1.2	-0.974	1.548	-57.8	1.828
247808.0	842283.4	138.3	25.480	20.577	38.9	32.751	0.2	26.063	1.923	2.178	48.6	2.905	1.1	-0.982	1.556	-57.7	1.840
247807.3	842282.7	138.3	25.563	20.648	38.9	32.860	0.2	26.149	1.926	2.181	48.5	2.909	1.1	-0.988	1.562	-57.7	1.848
247806.6	842281.9	138.4	25.644	20.719	38.9	32.968	0.2	26.235	1.929	2.183	48.5	2.913	1.1	-0.994	1.567	-57.6	1.856
247805.9	842281.2	138.3	25.708	20.772	38.9	33.051	0.2	26.301	1.931	2.185	48.5	2.916	1.1	-0.984	1.554	-57.7	1.840
247805.2	842280.5	138.3	25.720	20.773	38.9	33.061	0.2	26.309	1.933	2.187	48.5	2.919	1.1	-0.924	1.484	-58.1	1.748
247804.5	842279.8	138.3	25.854	20.894	38.9	33.241	0.2	26.453	1.936	2.189	48.5	2.922	1.1	-0.986	1.552	-57.6	1.839
247803.8	842279.1	138.4	25.956	20.985	39.0	33.378	0.2	26.561	1.938	2.191	48.5	2.925	1.1	-1.020	1.587	-57.3	1.886
247803.1	842278.4	138.4	26.058	21.076	39.0	33.514	0.2	26.669	1.940	2.193	48.5	2.928	1.1	-1.054	1.622	-57.0	1.935
247802.4	842277.6	138.3	26.071	21.078	39.0	33.525	0.2	26.679	1.942	2.194	48.5	2.930	1.1	-1.003	1.561	-57.3	1.856
247801.7	842276.9	138.3	26.127	21.123	39.0	33.598	0.2	26.736	1.943	2.195	48.5	2.932	1.1	-0.998	1.552	-57.3	1.845
247801.0	842276.2	138.4	26.214	21.198	39.0	33.713	0.2	26.828	1.945	2.196	48.5	2.934	1.1	-1.024	1.578	-57.0	1.881
247800.3	842275.5	138.4	26.300	21.273	39.0	33.826	0.3	26.918	1.946	2.198	48.5	2.936	1.1	-1.053	1.606	-56.7	1.920
247799.6	842274.8	138.4	26.401	21.362	39.0	33.961	0.3	27.025	1.948	2.199	48.5	2.937	1.1	-1.099	1.653	-56.4	1.986
247798.9	842274.0	138.4	26.571	21.520	39.0	34.193	0.4	27.210	1.949	2.200	48.5	2.939	1.2	-1.216	1.780	-55.7	2.156
247798.2	842273.3	138.5	26.741	21.677	39.0	34.424	0.4	27.394	1.950	2.201	48.5	2.941	1.2	-1.334	1.910	-55.1	2.330
247797.5	842272.6	138.5	26.869	21.793	39.0	34.596	0.5	27.531	1.951	2.202	48.5	2.942	1.3	-1.415	1.997	-54.7	2.448
247796.8	842271.9	138.5	26.879	21.791	39.0	34.602	0.5	27.536	1.951	2.201	48.5	2.941	1.2	-1.386	1.961	-54.7	2.402
247796.1	842271.2	138.5	26.887	21.788	39.0	34.607	0.5	27.539	1.950	2.200	48.4	2.940	1.2	-1.360	1.929	-54.8	2.360
247795.4	842270.5	138.4	26.895	21.784	39.0	34.610	0.5	27.542	1.949	2.198	48.4	2.938	1.2	-1.336	1.900	-54.9	2.323
247794.8	842269.7	138.4	26.929	21.807	39.0	34.651	0.5	27.575	1.948	2.196	48.4	2.936	1.2	-1.343	1.907	-54.8	2.333
247794.1	842269.0	138.5	27.040	21.905	39.0	34.800	0.5	27.693	1.947	2.195	48.4	2.934	1.2	-1.428	2.002	-54.5	2.459
247793.4	842268.3	138.5	27.126	21.978	39.0	34.912	0.6	27.782	1.946	2.192	48.4	2.932	1.3	-1.492	2.074	-54.3	2.555
247792.7	842267.6	138.4	27.053	21.894	39.0	34.803	0.5	27.695	1.944	2.189	48.4	2.927	1.2	-1.408	1.982	-54.6	2.431
247792.0	842266.9	138.3	26.980	21.809	39.0	34.692	0.5	27.607	1.941	2.184	48.4	2.922	1.2	-1.328	1.894	-55.0	2.313
247791.3	842266.2	138.3	26.906	21.723	38.9	34.580	0.4	27.518	1.938	2.180	48.4	2.917	1.2	-1.250	1.809	-55.4	2.199
247790.6	842265.4	138.2	26.835	21.641	38.9	34.474	0.4	27.433	1.935	2.175	48.3	2.911	1.1	-1.179	1.733	-55.8	2.096
247789.9	842264.7	138.2	26.822	21.616	38.9	34.448	0.4	27.413	1.932	2.171	48.3	2.906	1.2	-1.168	1.725	-55.9	2.083
247789.2	842264.0	138.2	26.837	21.618	38.9	34.461	0.4	27.423	1.929	2.167	48.3	2.902	1.2	-1.187	1.750	-55.9	2.114
247788.5	842263.3	138.2	26.850	21.619	38.8	34.472	0.4	27.432	1.926	2.164	48.3	2.897	1.2	-1.207	1.777	-55.8	2.148
247787.8	842262.6	138.1	26.845	21.601	38.8	34.456	0.3	27.419	1.924	2.160	48.3	2.892	1.3	-1.212	1.786	-55.8	2.158
247787.1	842261.8	138.1	26.839	21.583	38.8	34.441	0.3	27.407	1.921	2.156	48.3	2.888	1.3	-1.219	1.797	-55.9	2.172
247786.4	842261.1	138.1	26.853	21.583	38.8	34.452	0.3	27.416	1.918	2.153	48.3	2.883	1.3	-1.246	1.832	-55.8	2.215
247785.7	842260.4	138.1	26.870	21.587	38.8	34.468	0.3	27.428	1.915	2.150	48.3	2.879	1.4	-1.278	1.871	-55.7	2.266
247785.0	842259.7	138.1	26.886	21.590	38.8	34.482	0.3	27.440	1.913	2.147	48.3	2.876	1.4	-1.311	1.910	-55.5	2.317
247784.3	842259.0	138.0	26.892	21.583	38.7	34.482	0.3	27.440	1.910	2.144	48.3	2.872	1.5	-1.336	1.939	-55.4	2.355
247783.6	842258.3	137.8	26.441	21.123	38.6	33.843	0.2	26.931	1.905	2.137	48.3	2.863	1.3	-0.916	1.470	-58.1	1.732
247782.9	842257.5	137.8	26.433	21.102	38.6	33.823	0.2	26.915	1.902	2.134	48.3	2.859	1.3	-0.929	1.485	-58.0	1.751
247782.2	842256.8	137.8	26.523	21.177	38.6	33.940	0.2	27.009	1.900	2.132	48.3	2.856	1.4	-1.039	1.609	-57.1	1.915
247781.5	842256.1	137.8	26.570	21.210	38.6	33.997	0.2	27.054	1.897	2.130	48.3	2.853	1.4	-1.108	1.685	-56.7	2.017
247780.8	842255.4	137.8	26.615	21.242	38.6	34.053	0.2	27.098	1.895	2.128	48.3	2.850	1.5	-1.176	1.760	-56.3	2.116
247780.1	842254.7	137.8	26.582	21.195	38.6	33.998	0.2	27.054	1.892	2.125	48.3	2.846	1.5	-1.166	1.747	-56.3	2.100
247779.4	842253.9	137.7	26.525	21.125	38.5	33.910	0.2	26.985	1.890	2.123	48.3	2.842	1.5	-1.134	1.708	-56.4	2.050
247778.7	842253.2	137.7	26.458	21.045	38.5	33.808	0.2	26.903	1.887	2.120	48.3	2.838	1.5	-1.092	1.656	-56.6	1.983
247778.0	842252.5	137.6	26.269	20.844	38.4	33.534	0.2	26.685	1.883	2.116	48.3	2.833	1.4	-0.927	1.466	-57.7	1.735
247777.4	842251.8	137.5	26.246	20.807	38.4	33.493	0.2	26.653	1.881	2.114	48.3	2.830	1.4	-0.927	1.459	-57.6	1.729
247776.7	842251.1	137.5	26.273	20.820	38.4	33.522	0.2	26.676	1.879	2.113	48.4	2.827	1.5	-0.976	1.506	-57.1	1.794
247776.0	842250.4	137.6	26.369	20.900	38.4	33.647	0.2	26.776	1.878	2.112	48.4	2.826	1.5	-1.091	1.627	-56.2	1.959
247775.3	842249.6	137.5	26.343	20.860	38.4	33.602	0.2	26.739	1.875	2.111	48.4	2.824	1.5	-1.086	1.611	-56.0	1.942
247774.6	842248.9	137.5	26.238	20.742	38.3	33.446	0.3	26.616	1.873	2.109	48.4	2.820	1.5	-1.001	1.505	-56.4	1.807
247773.9	842248.2	137.4	26.158	20.650	38.3	33.327	0.3	26.521	1.871	2.107	48.4	2.818	1.5	-0.941	1.424	-56.5	1.707
247773.2	842247.5	137.4	26.132	20.609	38.3	33.281	0.4	26.484	1.869	2.106	48.4	2.816	1.5	-0.933	1.399	-56.3	1.682
247772.5	842246.8	137.4	26.105	20.568	38.2	33.234	0.4	26.447	1.867	2.105	48.4	2.814	1.5	-0.922	1.371	-56.1	1.652
247771.8	842246.0	137.3	26.077	20.525	38.2	33.186	0.4	26.408	1.865	2.105	48.5	2.812	1.4	-0.909	1.338	-55.8	1.617
247771.1	842245.3	137.4	26.182	20.614	38.2	33.324	0.4	26.518	1.864	2.106	48.5	2.812	1.5	-1.027	1.451	-54.7	1.777
247770.4	842244.6	137.5	26.399	20.812	38.3	33.616	0.3	26.751	1.864	2.109	48.5	2.814	1.6	-1.251	1.683	-53.4	2.097
247769.7	842243.9	137.7	26.834	21.225	38.3	34.213	0.2	27.226	1.866	2.115	48.6	2.820	1.8	-1.682	2.145	-51.9	2.726
247769.0	842243.2	137.7	26.783	21.159	38.3	34.133	0.2	27.162	1.864	2.115	48.6	2.819	1.8	-1.643	2.076	-51.6	2.648
247768.3	842242.5	137.5	26.539	20.903	38.2	33.783	0.3	26.884	1.861	2.112	48.6	2.815	1.6	-1.416	1.792	-51.7	2.284
247767.6	842241.7	137.5	26.393	20.744	38.2	33.570	0.4	26.714	1.858	2.112	48.7	2.813	1.5	-1.281	1.609	-51.5	2.056
247766.9	842241.0	137.4	26.205	20.544	38.1	33.298	0.5	26.498	1.856	2.111	48.7	2.811	1.4	-1.102	1.373	-51.3	1.761
247766.2	842240.3	137.3	26.125	20.450	38.1	33.177	0.5	26.402	1.854	2.113	48.7	2.811	1.3	-1.027	1.254	-50.7	1.621
247765.5	842239.6	137.3	26.134	20.443	38.0	33.180	0.5	26.404	1.853	2.115	48.8	2.812	1.3	-1.037	1.230	-49.9	1.609
247764.8	842238.9	137.4	26.280	20.569	38.1	33.373	0.5	26.557	1.854	2.120	48.8	2.816	1.3	-1.181	1.357	-49.0	1.799
247764.1	842238.1	137.6	26.625	20.891	38.1	33.843	0.3	26.931	1.856	2.126	48.9	2.822	1.4	-1.515	1.701	-48.3	2.278
247763.4	842237.4	137.8	27.055	21.297	38.2	34.431	0.2	27.399	1.859	2.134	48.9	2.830	1.5	-1.924	2.131	-47.9	2.871
247762.7	842236.7	137.9	27.268	21.490	38.2	34.718	0.2	27.628	1.860	2.139	49.0	2.835	1.5	-2.122	2.322	-47.6	3.146
247762.0	842236.0	137.7	26.946	21.157	38.1	34.260	0.2	27.263	1.856	2.137	49.0	2.830	1.2	-1.819	1.937	-46.8	2.657
247761.3	842235.3	137.7	26.878	21.072	38.1	34.153	0.3	27.178	1.854	2.137	49.1	2.829	1.1	-1.752	1.825	-46.2	2.530
247760.6	842234.6	137.6	26.808	20.987	38.1	34.046	0.3	27.093	1.852	2.138	49.1	2.828	1.0	-1.686	1.714	-45.5	2.404
247760.0	842233.8	137.6	26.737	20.901	38.0	33.937	0.4	27.006	1.849	2.138	49.1	2.827	0.9	-1.620	1.605	-44.7	2.280
247759.3	842233.1	137.5	26.620	20.768	38.0	33.763	0.5	26.868	1.846	2.137	49.2	2.824	0.7	-1.510	1.446	-43.8	2.091
247758.6	842232.4	137.7	27.015	21.138	38.0	34.302	0.3	27.297	1.847	2.139	49.2	2.827	0.8	-1.892	1.860	-44.5	2.653
247757.9	842231.7	137.8	27.200	21.301	38.1	34.548	0.2	27.493	1.847	2.140	49.2	2.827	0.8	-2.073	2.043	-44.6	2.910
247757.2	842231.0	137.8	27.206	21.290	38.0	34.546	0.2	27.491	1.844	2.139	49.2	2.824	0.7	-2.087	2.036	-44.3	2.916
247756.5	842230.2	137.8	27.150	21.216	38.0	34.456	0.3	27.419	1.840	2.136	49.3	2.820	0.6	-2.045	1.965	-43.8	2.836

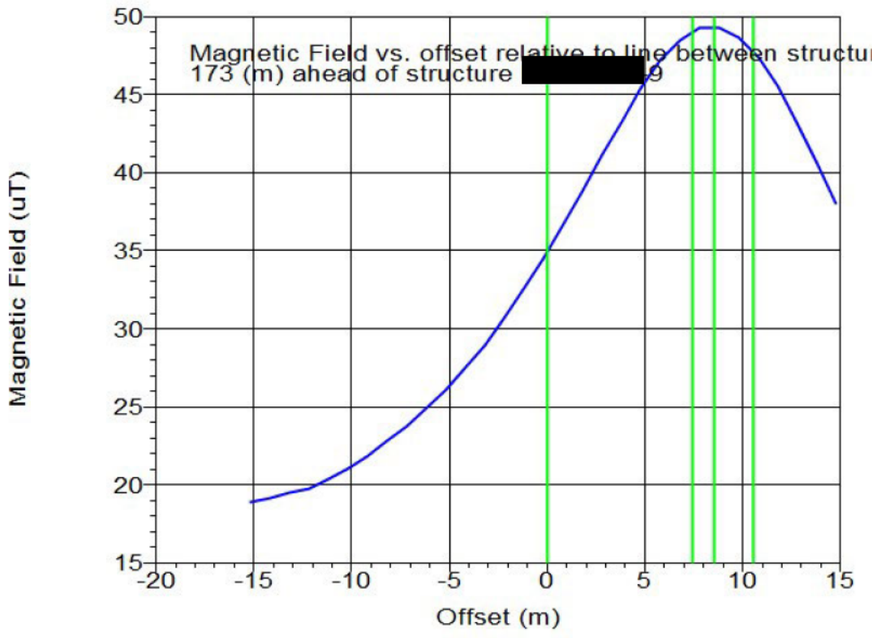
247755.8	842229.5	137.8	27.087	21.137	38.0	34.358	0.3	27.341	1.836	2.134	49.3	2.815	0.5	-2.000	1.892	-43.4	2.754
247755.1	842228.8	137.6	26.643	20.685	37.8	33.730	0.6	26.841	1.829	2.128	49.3	2.806	0.4	-1.595	1.401	-41.3	2.123
247754.4	842228.1	137.6	26.731	20.753	37.8	33.842	0.5	26.931	1.826	2.126	49.3	2.803	0.4	-1.698	1.507	-41.6	2.270
247753.7	842227.4	137.7	26.846	20.847	37.8	33.990	0.5	27.048	1.823	2.124	49.4	2.800	0.4	-1.828	1.647	-42.0	2.461
247753.0	842226.7	137.6	26.786	20.770	37.8	33.895	0.6	26.973	1.819	2.121	49.4	2.794	0.4	-1.796	1.599	-41.7	2.405
247752.3	842225.9	137.6	26.721	20.688	37.7	33.793	0.6	26.892	1.814	2.117	49.4	2.788	0.4	-1.762	1.554	-41.4	2.349
247751.6	842225.2	137.7	26.873	20.818	37.8	33.993	0.6	27.051	1.811	2.113	49.4	2.783	0.4	-1.938	1.759	-42.2	2.617
247750.9	842224.5	137.4	26.335	20.276	37.6	33.236	0.9	26.448	1.801	2.105	49.5	2.770	0.6	-1.462	1.201	-39.4	1.892
247750.2	842223.8	137.5	26.494	20.412	37.6	33.445	0.8	26.615	1.796	2.098	49.4	2.762	0.5	-1.655	1.437	-41.0	2.192
247749.5	842223.1	137.5	26.388	20.291	37.6	33.287	0.9	26.489	1.788	2.089	49.4	2.750	0.6	-1.600	1.385	-40.9	2.116
247748.8	842222.4	137.4	26.193	20.083	37.5	33.006	1.0	26.266	1.779	2.078	49.4	2.736	0.7	-1.463	1.242	-40.3	1.919
247748.1	842221.6	137.4	26.197	20.068	37.5	33.000	1.0	26.261	1.771	2.067	49.4	2.722	0.7	-1.521	1.333	-41.2	2.023
247747.4	842220.9	137.4	26.201	20.053	37.4	32.994	1.0	26.256	1.763	2.055	49.4	2.708	0.7	-1.582	1.434	-42.2	2.135
247746.7	842220.2	137.4	26.204	20.037	37.4	32.987	1.1	26.250	1.755	2.043	49.3	2.693	0.6	-1.645	1.540	-43.1	2.253
247746.0	842219.5	137.5	26.304	20.114	37.4	33.113	1.0	26.350	1.748	2.032	49.3	2.680	0.6	-1.799	1.757	-44.3	2.515
247745.3	842218.8	137.6	26.447	20.232	37.4	33.299	1.0	26.498	1.742	2.022	49.3	2.669	0.5	-1.993	2.022	-45.4	2.839
247744.6	842218.0	137.6	26.444	20.209	37.4	33.282	1.0	26.485	1.735	2.011	49.2	2.656	0.5	-2.048	2.127	-46.1	2.953
247743.9	842217.3	137.4	26.179	19.935	37.3	32.905	1.2	26.185	1.724	1.997	49.2	2.638	0.5	-1.861	1.949	-46.3	2.695
247743.2	842216.6	137.3	25.878	19.628	37.2	32.479	1.4	25.846	1.713	1.983	49.2	2.620	0.6	-1.636	1.728	-46.6	2.380
247742.6	842215.9	137.1	25.538	19.284	37.1	32.001	1.6	25.466	1.703	1.969	49.1	2.603	0.6	-1.370	1.459	-46.8	2.001
247741.9	842215.2	136.9	25.157	18.904	36.9	31.468	1.8	25.041	1.693	1.956	49.1	2.587	0.7	-1.058	1.135	-47.0	1.552
247741.2	842214.5	136.9	25.060	18.793	36.9	31.323	1.9	24.926	1.687	1.948	49.1	2.577	0.7	-1.011	1.119	-47.9	1.509
247740.5	842213.7	136.8	24.966	18.685	36.8	31.183	2.0	24.815	1.681	1.942	49.1	2.568	0.7	-0.963	1.099	-48.8	1.461
247739.8	842213.0	136.8	24.903	18.607	36.8	31.087	2.0	24.738	1.677	1.937	49.1	2.561	0.8	-0.939	1.104	-49.6	1.450
247739.1	842212.3	136.9	24.973	18.654	36.8	31.171	2.0	24.805	1.674	1.934	49.1	2.558	0.8	-1.036	1.247	-50.3	1.622
247738.4	842211.6	136.9	25.044	18.701	36.7	31.256	2.0	24.873	1.672	1.933	49.1	2.556	0.9	-1.128	1.381	-50.8	1.783
247737.7	842210.9	136.9	25.034	18.672	36.7	31.230	2.1	24.852	1.669	1.932	49.2	2.553	0.9	-1.136	1.414	-51.2	1.814
247737.0	842210.1	137.0	25.119	18.732	36.7	31.334	2.0	24.935	1.668	1.932	49.2	2.553	0.9	-1.228	1.542	-51.5	1.972
247736.3	842209.4	137.0	25.108	18.702	36.7	31.308	2.1	24.914	1.666	1.932	49.2	2.552	1.0	-1.224	1.556	-51.8	1.980
247735.6	842208.7	136.9	24.948	18.533	36.6	31.079	2.2	24.732	1.663	1.931	49.3	2.548	1.0	-1.076	1.399	-52.5	1.765
247734.9	842208.0	137.0	24.975	18.538	36.6	31.103	2.2	24.751	1.663	1.932	49.3	2.549	1.0	-1.096	1.436	-52.7	1.807
247734.2	842207.3	137.0	24.906	18.454	36.5	30.998	2.3	24.667	1.661	1.933	49.3	2.549	0.9	-1.022	1.362	-53.1	1.703
247733.5	842206.6	137.0	24.917	18.444	36.5	31.001	2.3	24.670	1.661	1.935	49.4	2.550	0.9	-1.018	1.366	-53.3	1.704
247732.8	842205.8	137.1	25.009	18.510	36.5	31.114	2.3	24.759	1.662	1.939	49.4	2.553	0.9	-1.085	1.452	-53.2	1.812
247732.1	842205.1	137.1	25.041	18.520	36.5	31.146	2.3	24.785	1.662	1.941	49.4	2.555	0.9	-1.093	1.466	-53.3	1.828
247731.4	842204.4	137.1	25.072	18.528	36.5	31.175	2.3	24.808	1.662	1.944	49.5	2.558	0.9	-1.094	1.473	-53.4	1.835
247730.7	842203.7	137.2	25.091	18.525	36.4	31.188	2.3	24.819	1.662	1.947	49.5	2.560	0.8	-1.082	1.462	-53.5	1.818
247730.0	842203.0	137.2	25.131	18.541	36.4	31.230	2.4	24.852	1.663	1.950	49.6	2.563	0.8	-1.086	1.469	-53.5	1.827
247729.3	842202.2	137.2	25.042	18.438	36.4	31.097	2.4	24.747	1.662	1.952	49.6	2.563	0.8	-0.969	1.333	-54.0	1.648
247728.6	842201.5	137.3	25.113	18.483	36.4	31.182	2.4	24.814	1.662	1.955	49.6	2.566	0.7	-0.999	1.368	-53.9	1.694
247727.9	842200.8	137.3	25.112	18.461	36.3	31.168	2.5	24.802	1.662	1.958	49.7	2.568	0.7	-0.960	1.323	-54.0	1.634
247727.2	842200.1	137.3	25.167	18.491	36.3	31.230	2.5	24.852	1.662	1.961	49.7	2.570	0.6	-0.972	1.337	-54.0	1.653
247726.5	842199.4	137.4	25.235	18.533	36.3	31.309	2.5	24.915	1.662	1.963	49.7	2.573	0.6	-0.996	1.365	-53.9	1.689
247725.8	842198.7	137.5	25.332	18.600	36.3	31.427	2.5	25.009	1.662	1.966	49.8	2.574	0.6	-1.047	1.423	-53.7	1.767
247725.2	842197.9	137.6	25.501	18.735	36.3	31.643	2.4	25.181	1.663	1.969	49.8	2.577	0.6	-1.163	1.561	-53.3	1.947
247724.5	842197.2	137.7	25.681	18.878	36.3	31.873	2.4	25.364	1.662	1.972	49.9	2.579	0.6	-1.291	1.695	-52.7	2.131
247723.8	842196.5	137.9	25.921	19.077	36.4	32.184	2.3	25.611	1.663	1.975	49.9	2.582	0.6	-1.470	1.909	-52.4	2.409
247723.1	842195.8	138.0	26.031	19.156	36.3	32.320	2.3	25.719	1.662	1.975	49.9	2.582	0.6	-1.535	1.987	-52.3	2.511
247722.4	842195.1	138.0	26.095	19.192	36.3	32.392	2.3	25.777	1.660	1.975	50.0	2.580	0.6	-1.562	2.020	-52.3	2.554
247721.7	842194.3	138.1	26.138	19.209	36.3	32.437	2.3	25.813	1.657	1.974	50.0	2.577	0.6	-1.574	2.036	-52.3	2.573
247721.0	842193.6	138.1	26.129	19.177	36.3	32.411	2.3	25.792	1.653	1.971	50.0	2.572	0.6	-1.543	2.001	-52.4	2.527
247720.3	842192.9	138.1	26.120	19.145	36.2	32.384	2.4	25.771	1.648	1.968	50.1	2.567	0.6	-1.515	1.970	-52.4	2.485
247719.6	842192.2	138.2	26.110	19.113	36.2	32.358	2.4	25.750	1.643	1.965	50.1	2.561	0.6	-1.491	1.945	-52.5	2.450
247718.9	842191.5	138.2	26.139	19.116	36.2	32.383	2.5	25.769	1.638	1.961	50.1	2.555	0.7	-1.503	1.964	-52.6	2.473
247718.2	842190.8	138.2	26.136	19.089	36.1	32.365	2.5	25.755	1.632	1.957	50.2	2.548	0.7	-1.493	1.955	-52.6	2.460
247717.5	842190.0	138.3	26.131	19.062	36.1	32.345	2.5	25.739	1.626	1.952	50.2	2.540	0.7	-1.485	1.950	-52.7	2.451
247716.8	842189.3	138.3	26.133	19.039	36.1	32.333	2.6	25.730	1.620	1.947	50.2	2.532	0.7	-1.486	1.956	-52.8	2.456
247716.1	842188.6	138.4	26.153	19.034	36.0	32.346	2.6	25.740	1.613	1.941	50.3	2.524	0.7	-1.507	1.986	-52.8	2.493
247715.4	842187.9	138.4	26.230	19.080	36.0	32.436	2.6	25.812	1.607	1.936	50.3	2.516	0.8	-1.579	2.080	-52.8	2.612
247714.7	842187.2	138.5	26.255	19.079	36.0	32.455	2.6	25.827	1.600	1.930	50.3	2.507	0.8	-1.611	2.125	-52.8	2.666
247714.0	842186.4	138.5	26.163	18.971	35.9	32.318	2.7	25.718	1.590	1.922	50.4	2.494	0.8	-1.548	2.055	-53.0	2.573
247713.3	842185.7	138.5	26.164	18.947	35.9	32.304	2.8	25.707	1.582	1.915	50.4	2.484	0.9	-1.567	2.085	-53.1	2.608
247712.6	842185.0	138.5	26.158	18.918	35.9	32.282	2.8	25.689	1.573	1.908	50.5	2.473	0.9	-1.582	2.111	-53.1	2.638
247711.9	842184.3	138.5	26.081	18.824	35.8	32.164	2.9	25.595	1.563	1.899	50.5	2.460	0.9	-1.542	2.069	-53.3	2.581
247711.2	842183.6	138.5	26.003	18.730	35.8	32.046	3.0	25.502	1.553	1.891	50.6	2.446	0.9	-1.505	2.031	-53.5	2.528
247710.5	842182.9	138.5	25.912	18.624	35.7	31.911	3.1	25.394	1.542	1.882	50.7	2.433	0.9	-1.459	1.984	-53.7	2.462
247709.8	842182.1	138.5	25.820	18.518	35.6	31.774	3.2	25.285	1.531	1.873	50.7	2.419	1.0	-1.415	1.938	-53.9	2.400
247709.1	842181.4	138.6	25.980	18.636	35.7	31.973	3.2	25.443	1.525	1.868	50.8	2.411	1.1	-1.576	2.144	-53.7	2.661
247708.4	842180.7	138.7	26.013	18.642	35.6	32.003	3.2	25.467	1.516	1.861	50.8	2.401	1.1	-1.635	2.226	-53.7	2.762
247707.8	842180.0	138.7	25.852	18.474	35.5	31.774	3.3	25.285	1.504	1.851	50.9	2.385	1.1	-1.542	2.118	-54.0	2.620
247707.1	842179.3	138.6	25.726	18.338	35.5	31.593	3.5	25.141	1.492	1.842	51.0	2.370	1.1	-1.477	2.048	-54.2	2.525
247706.4	842178.6	138.7	25.743	18.329	35.5	31.602	3.5	25.148	1.483	1.835	51.1	2.359	1.2	-1.527	2.119	-54.2	2.612
247705.7	842177.8	138.7	25.673	18.243	35.4	31.494	3.6	25.062	1.472	1.826	51.1	2.346	1.2	-1.509	2.106	-54.4	2.591
247705.0	842177.1	138.7	25.601	18.156	35.3	31.385	3.7	24.975	1.461	1.818	51.2	2.332	1.3	-1.490	2.094	-54.6	2.570
247704.3	842176.4	138.7	25.521	18.061	35.3	31.265	3.8	24.880	1.450	1.809	51.3	2.318	1.3	-1.466	2.075	-54.8	2.541
247703.6	842175.7	138.7	25.425	17.954	35.2	31.125	3.9	24.769	1.438	1.799	51.4	2.303	1.3	-1.432	2.044	-55.0	2.495
247702.9	842175.0	138.7	25.328	17.846	35.2	30.984	4.0	24.656	1.426	1.790	51.5	2.288	1.4	-1.397	2.012	-55.2	2.450
247702.2	842174.2	138.7	25.227	17.735	35.1	30.837	4.1	24.539	1.414	1.780	51.5	2.273	1.4	-1.359	1.978	-55.5	2.400
247701.5	842173.5	138.7	25.087	17.590	35.0	30.639	4.2	24.382	1.401	1.770	51.6	2.257	1.4	-1.292	1.908	-55.9	2.304
247700.8	842172.8	138.6	24.946	17.446	35.0	30.441	4.4	24.224	1.387	1.759	51.7	2.240	1.3	-1.225	1.838	-56.3	2.209
247700.1	842172.1	138.6	24.804	17.301	34.9	30.242	4.5	24.066	1.374	1.748	51.8	2.223	1.3	-1.158	1.768	-56.8	2.114
247699.4	842171.4	138.6	24.633	17.133	34.8	30.005	4.7	23.878	1.360	1.737	51.9	2.206	1.3	-1.070	1.671	-57.4	1.984
247698.7	842170.7	138.5	24.316	16.842	34.7	29.579	4.9	23.538	1.344	1.724	52.1	2.186	1.1	-0.873	1.433	-58.7	1.678
247698.0	842169.9	138.4	24.200	16.723	34.6	29.416	5.0	23.409	1.331	1.714	52.2	2.170	1.0	-0.825	1.388	-59.3	1.615
247697.3	842169.2	138.4	24.052	16.577	34.6	29.211	5.2	23.245	1.318	1.703	52.3	2.154	1.0	-0.753	1.310	-60.1	1.511
247696.6	842168.5	138.3	23.804	16.348	34.5	28.878	5.3	22.980	1.304	1.692	52.4	2.136	0.8	-0.606	1.135	-61.9	1.287
247695.9	842167.8	138.4	23.732	16.267	34.4	28.772	5.4	22.896	1.292	1.684	52.5	2.122	0.8	-0.587	1.126	-62.5	1.269

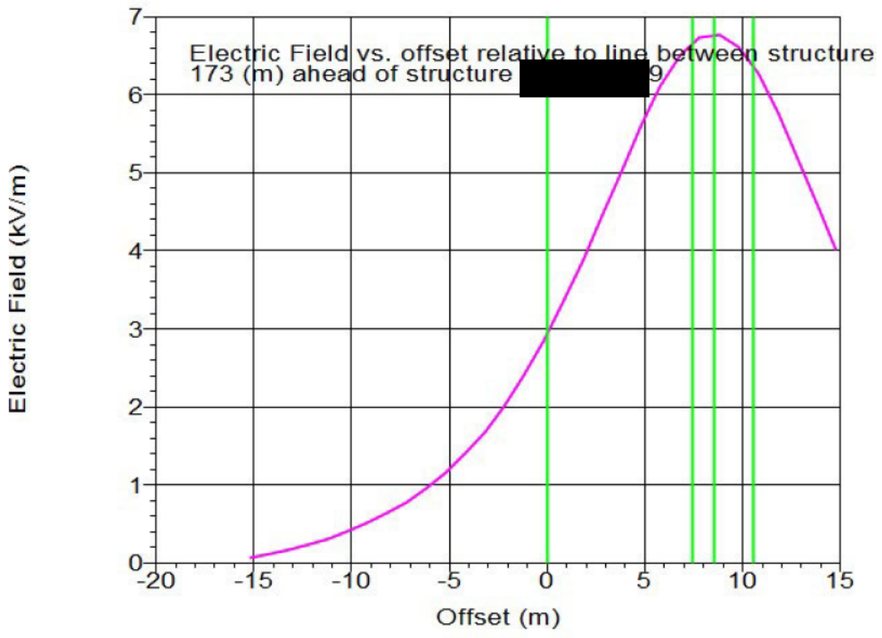
247695.2	842167.1	138.4	23.703	16.222	34.4	28.723	5.5	22.857	1.282	1.676	52.6	2.110	0.9	-0.598	1.155	-62.6	1.300
247694.5	842166.3	138.4	23.700	16.200	34.4	28.708	5.6	22.845	1.272	1.670	52.7	2.099	1.0	-0.624	1.205	-62.6	1.357
247693.8	842165.6	138.5	23.698	16.177	34.3	28.694	5.6	22.834	1.263	1.664	52.8	2.089	1.0	-0.647	1.250	-62.6	1.407
247693.1	842164.9	138.6	23.676	16.138	34.3	28.653	5.7	22.801	1.254	1.659	52.9	2.079	1.1	-0.653	1.271	-62.8	1.429
247692.4	842164.2	138.6	23.627	16.078	34.2	28.578	5.8	22.742	1.244	1.654	53.0	2.069	1.2	-0.637	1.262	-63.2	1.414
247691.7	842163.5	138.6	23.576	16.016	34.2	28.501	5.9	22.681	1.235	1.649	53.2	2.060	1.2	-0.617	1.248	-63.7	1.392
247691.0	842162.8	138.6	23.395	15.848	34.1	28.257	6.1	22.486	1.224	1.644	53.3	2.049	1.2	-0.505	1.107	-65.5	1.217
247690.3	842162.0	138.5	23.206	15.675	34.0	28.004	6.2	22.284	1.213	1.639	53.5	2.038	1.0	-0.386	0.955	-68.0	1.030
247689.7	842161.3	138.6	23.283	15.718	34.0	28.092	6.3	22.355	1.206	1.637	53.6	2.033	1.3	-0.449	1.049	-66.8	1.141
247689.0	842160.6	138.7	23.360	15.760	34.0	28.179	6.3	22.424	1.199	1.636	53.8	2.028	1.5	-0.508	1.137	-65.9	1.246
247688.3	842159.9	138.9	23.435	15.801	34.0	28.265	6.3	22.492	1.193	1.635	53.9	2.024	1.8	-0.564	1.222	-65.2	1.346
247687.6	842159.2	138.8	23.265	15.645	33.9	28.036	6.5	22.310	1.181	1.631	54.1	2.014	1.7	-0.456	1.078	-67.1	1.171
247686.9	842158.4	138.8	23.030	15.438	33.8	27.726	6.7	22.064	1.169	1.627	54.3	2.003	1.6	-0.307	0.874	-70.6	0.926
247686.2	842157.7	138.7	22.839	15.266	33.8	27.471	6.8	21.861	1.158	1.623	54.5	1.994	1.5	-0.188	0.709	-75.2	0.733
247685.5	842157.0	138.9	23.083	15.442	33.8	27.772	6.8	22.100	1.152	1.623	54.6	1.991	2.1	-0.356	0.949	-69.4	1.013
247684.8	842156.3	139.0	23.125	15.456	33.8	27.815	6.8	22.134	1.144	1.621	54.8	1.984	2.3	-0.391	1.002	-68.7	1.075
247684.1	842155.6	139.1	23.120	15.434	33.7	27.798	6.9	22.121	1.134	1.618	55.0	1.976	2.5	-0.398	1.014	-68.6	1.089
247683.4	842154.9	139.1	23.108	15.405	33.7	27.772	7.0	22.101	1.124	1.614	55.2	1.967	2.8	-0.403	1.023	-68.5	1.099
247682.7	842154.1	139.2	23.095	15.376	33.7	27.745	7.1	22.079	1.113	1.610	55.3	1.957	3.0	-0.409	1.033	-68.4	1.111
247682.0	842153.4	139.3	23.186	15.429	33.6	27.850	7.1	22.162	1.104	1.606	55.5	1.948	3.4	-0.482	1.143	-67.2	1.240
247681.3	842152.7	139.5	23.354	15.542	33.6	28.053	7.1	22.323	1.097	1.602	55.6	1.941	4.0	-0.601	1.323	-65.6	1.454
247680.6	842152.0	139.6	23.327	15.502	33.6	28.009	7.2	22.289	1.084	1.595	55.8	1.929	4.3	-0.607	1.336	-65.6	1.467
247679.9	842151.3	139.6	23.307	15.467	33.6	27.973	7.2	22.260	1.072	1.588	56.0	1.916	4.6	-0.620	1.359	-65.5	1.494
247679.2	842150.5	139.7	23.296	15.440	33.5	27.948	7.3	22.240	1.059	1.581	56.2	1.903	4.9	-0.641	1.396	-65.3	1.536
247678.5	842149.8	139.8	23.271	15.402	33.5	27.907	7.4	22.207	1.046	1.573	56.4	1.889	5.3	-0.659	1.426	-65.2	1.571
247677.8	842149.1	139.8	23.205	15.332	33.5	27.813	7.5	22.133	1.031	1.563	56.6	1.873	5.5	-0.656	1.426	-65.3	1.570
247677.1	842148.4	139.8	23.111	15.241	33.4	27.685	7.7	22.031	1.015	1.553	56.8	1.855	5.8	-0.643	1.408	-65.5	1.548
247676.4	842147.7	139.8	22.897	15.058	33.3	27.405	7.9	21.808	0.994	1.541	57.2	1.834	5.8	-0.568	1.293	-66.3	1.412
247675.7	842147.0	139.8	22.856	15.010	33.3	27.344	8.0	21.760	0.980	1.531	57.4	1.818	6.1	-0.592	1.332	-66.0	1.458
247675.0	842146.2	139.9	22.811	14.958	33.3	27.278	8.1	21.707	0.964	1.521	57.6	1.801	6.5	-0.617	1.373	-65.8	1.505
247674.3	842145.5	140.0	22.762	14.904	33.2	27.207	8.2	21.651	0.949	1.510	57.9	1.784	6.9	-0.642	1.414	-65.6	1.553
247673.6	842144.8	140.0	22.709	14.847	33.2	27.132	8.3	21.591	0.934	1.499	58.1	1.766	7.4	-0.668	1.457	-65.4	1.603
247672.9	842144.1	140.1	22.652	14.787	33.1	27.051	8.4	21.527	0.918	1.488	58.3	1.748	7.8	-0.693	1.500	-65.2	1.653
247672.3	842143.4	140.1	22.593	14.726	33.1	26.968	8.5	21.461	0.903	1.476	58.6	1.731	8.3	-0.720	1.546	-65.0	1.706
247671.6	842142.6	140.1	22.413	14.575	33.0	26.736	8.7	21.276	0.882	1.463	58.9	1.709	8.5	-0.692	1.497	-65.2	1.650
247670.9	842141.9	140.1	22.296	14.472	33.0	26.581	8.8	21.152	0.864	1.451	59.2	1.689	8.8	-0.697	1.504	-65.1	1.657
247670.2	842141.2	140.1	22.158	14.354	32.9	26.401	9.0	21.009	0.845	1.437	59.5	1.668	9.2	-0.695	1.497	-65.1	1.651
247669.5	842140.5	140.0	21.784	14.062	32.8	25.928	9.3	20.633	0.816	1.421	60.1	1.639	8.8	-0.590	1.303	-65.6	1.430
247668.8	842139.8	139.9	21.421	13.782	32.8	25.472	9.6	20.270	0.788	1.405	60.7	1.611	8.5	-0.497	1.121	-66.1	1.226
247668.1	842139.1	140.0	21.423	13.770	32.7	25.467	9.6	20.266	0.774	1.393	60.9	1.593	9.2	-0.567	1.242	-65.5	1.365
247667.4	842138.3	140.1	21.399	13.739	32.7	25.430	9.7	20.237	0.760	1.380	61.1	1.576	9.9	-0.625	1.344	-65.1	1.482
247666.7	842137.6	140.1	21.262	13.627	32.7	25.254	9.9	20.097	0.742	1.366	61.5	1.554	10.3	-0.636	1.357	-64.9	1.499
247666.0	842136.9	140.0	20.946	13.386	32.6	24.858	10.2	19.781	0.714	1.349	62.1	1.527	10.1	-0.577	1.230	-64.9	1.359
247665.3	842136.2	140.0	20.706	13.202	32.5	24.556	10.4	19.541	0.690	1.333	62.6	1.502	10.1	-0.552	1.167	-64.7	1.291
247664.6	842135.5	140.0	20.633	13.139	32.5	24.461	10.5	19.466	0.675	1.320	62.9	1.482	10.8	-0.593	1.240	-64.4	1.375
247663.9	842134.8	140.0	20.509	13.039	32.4	24.303	10.7	19.340	0.657	1.305	63.3	1.461	11.2	-0.614	1.273	-64.2	1.414
247663.2	842134.0	140.1	20.358	12.921	32.4	24.112	10.8	19.188	0.638	1.290	63.7	1.439	11.6	-0.625	1.286	-64.1	1.430
247662.5	842133.3	140.1	20.205	12.803	32.4	23.920	11.0	19.035	0.619	1.275	64.1	1.417	12.0	-0.635	1.299	-63.9	1.446
247661.8	842132.6	140.1	20.052	12.685	32.3	23.727	11.2	18.881	0.600	1.260	64.5	1.396	12.4	-0.644	1.311	-63.8	1.460
247661.1	842131.9	140.1	19.864	12.544	32.3	23.494	11.4	18.696	0.580	1.245	65.0	1.373	12.6	-0.642	1.296	-63.7	1.446
247660.4	842131.2	140.0	19.626	12.369	32.2	23.198	11.6	18.460	0.557	1.229	65.6	1.349	12.6	-0.622	1.241	-63.4	1.388
247659.7	842130.4	140.0	19.394	12.199	32.2	22.912	11.8	18.233	0.534	1.214	66.2	1.326	12.6	-0.604	1.190	-63.1	1.335
247659.0	842129.7	140.0	19.162	12.031	32.1	22.626	12.0	18.005	0.512	1.198	66.9	1.303	12.6	-0.585	1.137	-62.8	1.279
247658.3	842129.0	139.9	18.927	11.862	32.1	22.337	12.3	17.775	0.490	1.184	67.5	1.281	12.5	-0.565	1.079	-62.4	1.218
247657.6	842128.3	139.9	18.766	11.745	32.0	22.138	12.5	17.617	0.472	1.171	68.0	1.262	12.7	-0.562	1.074	-62.4	1.212
247656.9	842127.6	140.0	18.628	11.644	32.0	21.968	12.6	17.482	0.457	1.158	68.5	1.245	13.1	-0.563	1.081	-62.5	1.219
247656.2	842126.9	140.0	18.489	11.544	32.0	21.797	12.8	17.346	0.442	1.147	68.9	1.229	13.5	-0.558	1.083	-62.7	1.218
247655.5	842126.1	139.9	18.241	11.370	31.9	21.494	13.0	17.104	0.420	1.134	69.7	1.210	13.2	-0.523	0.996	-62.3	1.125
247654.9	842125.4	139.9	17.999	11.202	31.9	21.200	13.3	16.871	0.399	1.122	70.4	1.191	12.8	-0.487	0.910	-61.8	1.032
247654.2	842124.7	139.9	17.795	11.060	31.9	20.952	13.5	16.673	0.381	1.112	71.1	1.175	12.7	-0.456	0.845	-61.6	0.960
247653.5	842124.0	139.8	17.512	10.866	31.8	20.609	13.7	16.400	0.358	1.101	72.0	1.158	11.9	-0.404	0.713	-60.5	0.820
247652.8	842123.3	139.7	17.251	10.689	31.8	20.295	14.0	16.150	0.337	1.091	72.8	1.142	11.1	-0.354	0.591	-59.1	0.689
247652.1	842122.5	139.7	17.041	10.547	31.8	20.041	14.2	15.948	0.320	1.083	73.5	1.129	10.7	-0.311	0.499	-58.1	0.588
247651.4	842121.8	139.7	16.880	10.438	31.7	19.847	14.4	15.793	0.306	1.077	74.1	1.120	10.6	-0.272	0.437	-58.1	0.515
247650.7	842121.1	139.8	16.719	10.329	31.7	19.652	14.6	15.639	0.293	1.071	74.7	1.111	10.5	-0.228	0.366	-58.0	0.432
247650.0	842120.4	139.7	16.492	10.178	31.7	19.380	14.8	15.422	0.276	1.066	75.5	1.101	9.7	-0.168	0.237	-54.6	0.290
247649.3	842119.7	139.8	16.417	10.129	31.7	19.290	15.0	15.350	0.270	1.063	75.8	1.097	10.2	-0.129	0.215	-59.1	0.251
247648.6	842119.0	139.9	16.340	10.078	31.7	19.198	15.1	15.278	0.264	1.062	76.0	1.094	10.6	-0.084	0.185	-65.7	0.203
247647.9	842118.2	139.9	16.269	10.031	31.7	19.112	15.3	15.209	0.258	1.061	76.3	1.092	11.1	-0.033	0.149	-77.5	0.153
247647.2	842117.5	139.9	15.975	9.840	31.6	18.762	15.6	14.930	0.238	1.058	77.3	1.085	9.5	0.054	-0.064	-49.8	0.084
247646.5	842116.8	139.8	15.671	9.643	31.6	18.400	15.8	14.642	0.219	1.056	78.3	1.079	7.7	0.145	-0.296	-63.9	0.329
247645.8	842116.1	139.9	15.656	9.635	31.6	18.383	16.0	14.629	0.217	1.059	78.4	1.081	8.5	0.200	-0.308	-57.0	0.367
247645.1	842115.4	140.1	15.691	9.660	31.6	18.426	16.1	14.663	0.219	1.062	78.4	1.084	9.7	0.253	-0.287	-48.6	0.382
247644.4	842114.6	140.3	15.774	9.715	31.6	18.526	16.2	14.742	0.225	1.066	78.1	1.089	11.3	0.305	-0.235	-37.6	0.385
247643.7	842113.9	140.4	15.767	9.714	31.6	18.519	16.3	14.737	0.225	1.069	78.1	1.093	12.0	0.371	-0.257	-34.7	0.452
247643.0	842113.2	140.5	15.739	9.698	31.6	18.487	16.5	14.712	0.224	1.073	78.2	1.096	12.5	0.442	-0.300	-34.2	0.534
247642.3	842112.5	140.9	16.094	9.930	31.7	18.911	16.4	15.049	0.257	1.080	76.6	1.110	16.5	0.476	-0.052	-6.3	0.478
247641.6	842111.8	141.0	16.065	9.914	31.7	18.878	16.6	15.023	0.257	1.083	76.7	1.113	16.9	0.551	-0.100	-10.3	0.560
247640.9	842111.1	141.2	16.154	9.975	31.7	18.985	16.7	15.108	0.268	1.088	76.2	1.120	18.4	0.616	-0.060	-5.6	0.619
247640.2	842110.3	141.4	16.186	9.999	31.7	19.025	16.8	15.140	0.274	1.091	75.9	1.125	19.4	0.686	-0.063	-5.2	0.689
247639.5	842109.6	141.6	16.202	10.014	31.7	19.047	17.0	15.157	0.278	1.094	75.7	1.129	20.2	0.758	-0.077	-5.8	0.762
247638.8	842108.9	141.7	16.149	9.985	31.7	18.986	17.1	15.109	0.275	1.097	75.9	1.131	20.4	0.833	-0.142	-9.6	0.845
247638.1	842108.2	141.8	16.067	9.938	31.7	18.892	17.4	15.034	0.269	1.098	76.2	1.131	20.3	0.909	-0.226	-14.0	0.936
247637.5	842107.5	142.0	16.253	10.063	31.8	19.116	17.4	15.212	0.293	1.101	75.1	1.140	22.8	0.963	-0.105	-6.2	0.969
247636.8	842106.7	142.4	16.579	10.277	31.8	19.506	17.4	15.523	0.333	1.106	73.2	1.155	26.5	1.008	0.120	6.8	1.015
247636.1	842106.0	142.9	17.059	10.590	31.8	20.079	17.4	15.978	0.391	1.112	70.6	1.179	31.3	1.045	0.451	23.4	1.138
247635.4	842105.3	143.2	17.275	10.734	31.9	20.339	17.4	16.185	0.420	1.115	69.4	1.191	33.8	1.097	0.594	28.4	1.248

247634.7	842104.6	143.3	17.330	10.777	31.9	20.407	17.6	16.240	0.431	1.115	68.8	1.195	35.2	1.157	0.628	28.5	1.317
247634.0	842103.9	143.3	17.024	10.591	31.9	20.049	17.9	15.955	0.404	1.109	70.0	1.181	33.7	1.228	0.419	18.8	1.298
247633.3	842103.2	143.2	16.727	10.412	31.9	19.703	18.3	15.679	0.377	1.104	71.2	1.166	32.1	1.292	0.219	9.6	1.310
247632.6	842102.4	143.2	16.505	10.281	31.9	19.445	18.6	15.474	0.358	1.099	72.0	1.156	31.1	1.347	0.073	3.1	1.349
247631.9	842101.7	143.4	16.451	10.258	31.9	19.387	18.8	15.428	0.359	1.096	71.8	1.153	31.6	1.392	0.055	2.2	1.393
247631.2	842101.0	143.5	16.399	10.237	32.0	19.332	19.0	15.384	0.361	1.091	71.7	1.150	32.2	1.433	0.043	1.7	1.434
247630.5	842100.3	143.6	16.312	10.194	32.0	19.236	19.3	15.307	0.360	1.087	71.7	1.145	32.5	1.471	0.010	0.4	1.471
247629.8	842099.6	143.6	16.234	10.158	32.0	19.150	19.5	15.239	0.360	1.082	71.6	1.140	32.8	1.505	-0.012	-0.5	1.505
247629.1	842098.8	143.7	16.153	10.120	32.1	19.061	19.8	15.168	0.360	1.076	71.5	1.135	33.2	1.535	-0.032	-1.2	1.535
247628.4	842098.1	143.9	16.172	10.147	32.1	19.092	20.0	15.193	0.372	1.071	70.9	1.134	34.5	1.563	0.023	0.8	1.563
247627.7	842097.4	144.0	16.153	10.149	32.1	19.077	20.2	15.181	0.379	1.066	70.4	1.132	35.5	1.588	0.052	1.9	1.589
247627.0	842096.7	144.0	16.024	10.081	32.2	18.931	20.5	15.065	0.374	1.060	70.6	1.124	35.3	1.607	0.003	0.1	1.607
247626.3	842096.0	144.0	15.920	10.030	32.2	18.817	20.8	14.974	0.372	1.054	70.6	1.117	35.3	1.623	-0.028	-1.0	1.624
247625.6	842095.3	144.1	15.829	9.987	32.2	18.716	21.0	14.894	0.371	1.048	70.5	1.112	35.3	1.637	-0.051	-1.8	1.638
247624.9	842094.5	144.1	15.744	9.946	32.3	18.623	21.3	14.819	0.370	1.043	70.5	1.106	35.3	1.647	-0.073	-2.5	1.649
247624.2	842093.8	144.2	15.709	9.937	32.3	18.588	21.5	14.792	0.374	1.038	70.2	1.103	35.7	1.658	-0.063	-2.2	1.659
247623.5	842093.1	144.3	15.714	9.951	32.3	18.600	21.7	14.801	0.381	1.035	69.8	1.103	36.5	1.669	-0.030	-1.0	1.669
247622.8	842092.4	144.3	15.725	9.968	32.4	18.618	21.8	14.816	0.389	1.032	69.4	1.102	37.1	1.679	0.000	0.0	1.679
247622.1	842091.7	144.3	15.683	9.950	32.4	18.573	22.0	14.780	0.389	1.029	69.3	1.100	37.0	1.682	-0.015	-0.5	1.682
247621.4	842091.0	144.3	15.680	9.956	32.4	18.574	22.1	14.781	0.392	1.027	69.1	1.099	37.2	1.686	-0.010	-0.3	1.687

Max BF along centerline is 34.912 (uT) at 173.000 (m) from structure [redacted]-9

Cross section results at max BF along centerline between structures [redacted]-9 and [redacted]-10





3D EMF Point Results Span from [redacted]-9 to [redacted]-10:

Measurement			B					H	EF					Space Potential			
X (m)	Y (m)	Z (m)	Real (uT)	Imaginary (uT)	Angle (deg)	Magnitude (uT)	Polarization Axial Ratio %	Magnitude (A/m)	Real (kV/m)	Imaginary (kV/m)	Angle (deg)	Magnitude (kV/m)	Polarization Axial Ratio %	Real (kV)	Imaginary (kV)	Angle (deg)	Magnitude (kV)
247804.3	842257.7	138.0	15.871	10.288	33.0	18.914	7.5	15.051	0.034	0.060	60.6	0.069	4.6	-0.055	0.164	-71.6	0.173
247803.6	842258.4	138.0	16.030	10.504	33.2	19.165	7.0	15.251	0.068	0.097	54.9	0.118	5.6	-0.067	0.193	-70.8	0.205
247802.8	842259.1	137.9	16.250	10.748	33.5	19.483	6.4	15.504	0.107	0.138	52.1	0.175	5.1	-0.071	0.211	-71.4	0.223
247802.1	842259.8	137.6	16.481	10.981	33.7	19.804	5.8	15.760	0.153	0.184	50.3	0.239	4.9	-0.034	0.182	-79.5	0.185
247801.4	842260.5	137.8	16.913	11.412	34.0	20.403	5.5	16.236	0.206	0.240	49.3	0.316	3.6	-0.070	0.242	-74.0	0.252
247800.7	842261.2	138.0	17.426	11.907	34.3	21.106	5.2	16.795	0.269	0.304	48.5	0.406	2.8	-0.119	0.316	-69.3	0.338
247800.0	842261.9	138.0	17.993	12.444	34.7	21.877	4.8	17.409	0.343	0.378	47.8	0.511	2.3	-0.160	0.378	-67.1	0.411
247799.2	842262.6	138.1	18.645	13.062	35.0	22.766	4.5	18.116	0.430	0.467	47.3	0.635	1.9	-0.215	0.456	-64.7	0.504
247798.5	842263.3	138.2	19.386	13.771	35.4	23.779	4.1	18.923	0.533	0.571	47.0	0.782	1.6	-0.290	0.554	-62.4	0.625
247797.8	842264.0	138.2	20.188	14.552	35.8	24.886	3.8	19.804	0.654	0.696	46.8	0.955	1.4	-0.362	0.651	-60.9	0.745
247797.1	842264.7	138.2	21.067	15.426	36.2	26.111	3.4	20.779	0.795	0.845	46.8	1.161	1.3	-0.447	0.762	-59.6	0.883
247796.4	842265.4	138.3	22.028	16.403	36.7	27.464	3.0	21.855	0.959	1.023	46.9	1.403	1.2	-0.550	0.895	-58.4	1.051
247795.7	842266.1	138.3	23.067	17.490	37.2	28.948	2.5	23.036	1.148	1.235	47.1	1.686	1.2	-0.675	1.056	-57.4	1.253
247794.9	842266.8	138.3	24.253	18.755	37.7	30.658	2.0	24.397	1.365	1.486	47.4	2.018	1.2	-0.889	1.318	-56.0	1.590
247794.2	842267.5	138.4	25.510	20.139	38.3	32.501	1.4	25.864	1.611	1.779	47.8	2.400	1.2	-1.133	1.622	-55.1	1.978
247793.5	842268.2	138.5	26.849	21.659	38.9	34.496	0.7	27.451	1.887	2.119	48.3	2.838	1.3	-1.427	1.992	-54.4	2.450
247792.8	842268.9	138.5	28.257	23.309	39.5	36.630	0.2	29.149	2.192	2.505	48.8	3.329	1.3	-1.774	2.436	-53.9	3.013
247792.1	842269.6	138.6	29.689	25.048	40.2	38.844	1.1	30.911	2.522	2.935	49.3	3.870	1.3	-2.153	2.930	-53.7	3.636
247791.3	842270.3	138.6	31.109	26.843	40.8	41.089	2.1	32.698	2.869	3.397	49.8	4.447	1.3	-2.561	3.471	-53.6	4.314
247790.6	842271.0	138.6	32.487	28.658	41.4	43.321	3.4	34.474	3.223	3.872	50.2	5.038	1.3	-3.009	4.066	-53.5	5.058
247789.9	842271.6	138.7	33.744	30.406	42.0	45.422	4.7	36.146	3.565	4.332	50.5	5.610	1.2	-3.471	4.677	-53.4	5.824
247789.2	842272.3	138.7	34.758	31.937	42.6	47.203	6.3	37.563	3.874	4.735	50.7	6.117	1.3	-3.891	5.221	-53.3	6.512
247788.5	842273.0	138.7	35.439	33.128	43.1	48.511	8.0	38.604	4.123	5.036	50.7	6.508	1.4	-4.242	5.649	-53.1	7.064
247787.8	842273.7	138.8	35.731	33.894	43.5	49.249	9.8	39.191	4.290	5.195	50.5	6.737	1.6	-4.519	5.939	-52.7	7.463
247787.0	842274.4	138.8	35.583	34.149	43.8	49.319	11.7	39.246	4.358	5.184	49.9	6.772	2.0	-4.700	6.052	-52.2	7.663
247786.3	842275.1	138.8	34.991	33.856	44.1	48.688	13.7	38.745	4.323	4.997	49.1	6.607	2.6	-4.772	5.970	-51.4	7.643
247785.6	842275.8	138.9	33.990	33.034	44.2	47.398	15.7	37.718	4.191	4.653	48.0	6.262	3.2	-4.730	5.696	-50.3	7.404
247784.9	842276.5	138.9	32.638	31.728	44.2	45.518	17.8	36.222	3.979	4.190	46.5	5.778	4.0	-4.559	5.234	-48.9	6.941
247784.2	842277.2	138.9	31.008	30.018	44.1	43.158	19.9	34.344	3.709	3.655	44.6	5.208	4.8	-4.251	4.611	-47.3	6.272
247783.4	842277.9	138.9	29.280	28.129	43.9	40.602	21.8	32.310	3.408	3.098	42.3	4.605	5.7	-3.911	3.965	-45.4	5.569
247782.7	842278.6	138.9	27.523	26.158	43.5	37.970	23.7	30.216	3.093	2.555	39.6	4.012	6.6	-3.554	3.329	-43.1	4.870

Centerline results between structures [redacted]-10 and [redacted]-11

3D EMF Point Results Centerline from [redacted]-10 to [redacted]-11:

Measurement			B					H	EF					Space Potential			
X (m)	Y (m)	Z (m)	Real (uT)	Imaginary (uT)	Angle (deg)	Magnitude (uT)	Polarization Axial Ratio %	Magnitude (A/m)	Real (kV/m)	Imaginary (kV/m)	Angle (deg)	Magnitude (kV/m)	Polarization Axial Ratio %	Real (kV)	Imaginary (kV)	Angle (deg)	Magnitude (kV)
247620.6	842090.1	144.4	15.760	10.011	32.4	18.671	22.2	14.858	0.402	1.027	68.6	1.103	38.0	1.697	0.040	1.4	1.697

247619.9	842089.4	144.4	15.757	10.011	32.4	18.668	22.3	14.855	0.402	1.026	68.6	1.102	37.8	1.699	0.021	0.7	1.699
247619.2	842088.6	144.4	15.777	10.023	32.4	18.692	22.4	14.874	0.403	1.027	68.6	1.103	37.6	1.701	0.008	0.3	1.701
247618.5	842087.9	144.3	15.749	10.003	32.4	18.657	22.4	14.847	0.398	1.027	68.8	1.101	36.6	1.694	-0.048	-1.6	1.695
247617.8	842087.2	144.3	15.767	10.010	32.4	18.676	22.5	14.862	0.396	1.029	69.0	1.102	35.9	1.691	-0.081	-2.7	1.693
247617.1	842086.5	144.2	15.811	10.033	32.4	18.726	22.5	14.902	0.395	1.031	69.0	1.104	35.5	1.688	-0.105	-3.6	1.692
247616.5	842085.7	144.2	15.828	10.037	32.4	18.742	22.4	14.914	0.390	1.034	69.3	1.105	34.4	1.680	-0.157	-5.3	1.688
247615.8	842085.0	144.1	15.948	10.104	32.4	18.880	22.4	15.024	0.395	1.038	69.2	1.111	34.5	1.684	-0.145	-4.9	1.690
247615.1	842084.3	144.1	16.085	10.181	32.3	19.036	22.3	15.149	0.401	1.043	69.0	1.117	34.7	1.689	-0.130	-4.4	1.694
247614.4	842083.6	144.1	16.238	10.267	32.3	19.211	22.2	15.288	0.406	1.048	68.8	1.124	34.9	1.695	-0.111	-3.8	1.698
247613.7	842082.8	144.1	16.378	10.344	32.3	19.371	22.1	15.415	0.410	1.054	68.7	1.131	34.9	1.697	-0.107	-3.6	1.701
247613.0	842082.1	144.0	16.500	10.410	32.2	19.510	22.0	15.525	0.411	1.060	68.8	1.137	34.5	1.696	-0.119	-4.0	1.700
247612.3	842081.4	144.0	16.628	10.480	32.2	19.655	21.9	15.641	0.412	1.065	68.8	1.142	34.2	1.695	-0.131	-4.4	1.700
247611.6	842080.7	143.9	16.735	10.536	32.2	19.776	21.8	15.737	0.411	1.071	69.0	1.147	33.5	1.689	-0.161	-5.4	1.697
247610.9	842080.0	143.8	16.849	10.597	32.2	19.904	21.7	15.839	0.409	1.077	69.2	1.152	32.9	1.683	-0.189	-6.4	1.694
247610.2	842079.2	143.7	16.969	10.662	32.1	20.040	21.6	15.948	0.408	1.083	69.3	1.157	32.3	1.677	-0.214	-7.3	1.690
247609.6	842078.5	143.7	17.094	10.730	32.1	20.183	21.5	16.061	0.408	1.089	69.5	1.162	31.6	1.670	-0.239	-8.1	1.687
247608.9	842077.8	143.6	17.224	10.802	32.1	20.331	21.4	16.179	0.407	1.095	69.6	1.168	31.1	1.662	-0.262	-9.0	1.682
247608.2	842077.1	143.5	17.358	10.876	32.1	20.484	21.3	16.300	0.407	1.100	69.7	1.173	30.5	1.652	-0.284	-9.8	1.677
247607.5	842076.3	143.5	17.543	10.982	32.0	20.697	21.1	16.470	0.411	1.107	69.6	1.181	30.5	1.649	-0.276	-9.5	1.672
247606.8	842075.6	143.4	17.752	11.103	32.0	20.938	21.0	16.662	0.417	1.113	69.5	1.189	30.7	1.648	-0.254	-8.7	1.667
247606.1	842074.9	143.4	18.024	11.262	32.0	21.253	20.9	16.913	0.429	1.120	69.1	1.199	31.5	1.654	-0.196	-6.7	1.665
247605.4	842074.2	143.4	18.280	11.412	32.0	21.550	20.7	17.149	0.439	1.127	68.7	1.209	32.2	1.656	-0.149	-5.1	1.663
247604.7	842073.4	143.3	18.288	11.411	32.0	21.556	20.7	17.154	0.426	1.130	69.3	1.208	30.1	1.620	-0.249	-8.7	1.639
247604.0	842072.7	143.1	18.252	11.384	32.0	21.511	20.7	17.118	0.411	1.133	70.1	1.206	27.4	1.575	-0.376	-13.4	1.620
247603.3	842072.0	143.0	18.416	11.479	31.9	21.701	20.6	17.269	0.413	1.139	70.1	1.211	26.9	1.559	-0.385	-13.9	1.606
247602.6	842071.3	143.1	18.842	11.732	31.9	22.196	20.4	17.663	0.436	1.146	69.2	1.227	29.3	1.581	-0.244	-8.8	1.600
247602.0	842070.5	143.1	19.062	11.862	31.9	22.451	20.2	17.866	0.442	1.152	69.0	1.234	29.4	1.571	-0.224	-8.1	1.587
247601.3	842069.8	143.0	19.255	11.974	31.9	22.675	20.1	18.044	0.446	1.157	68.9	1.240	29.1	1.556	-0.222	-8.1	1.572
247600.6	842069.1	143.0	19.441	12.083	31.9	22.890	20.0	18.215	0.448	1.163	68.9	1.246	28.6	1.539	-0.227	-8.4	1.556
247599.9	842068.4	142.9	19.715	12.245	31.8	23.208	19.9	18.468	0.458	1.169	68.6	1.255	29.1	1.536	-0.185	-6.9	1.547
247599.2	842067.7	143.0	20.042	12.439	31.8	23.588	19.8	18.771	0.471	1.176	68.2	1.267	30.1	1.541	-0.118	-4.4	1.546
247598.5	842066.9	142.9	20.271	12.574	31.8	23.854	19.6	18.982	0.476	1.183	68.1	1.275	29.9	1.531	-0.109	-4.1	1.535
247597.8	842066.2	142.8	20.403	12.650	31.8	24.006	19.6	19.103	0.472	1.188	68.3	1.278	28.6	1.507	-0.155	-5.9	1.515
247597.1	842065.5	142.8	20.633	12.786	31.8	24.274	19.5	19.316	0.476	1.195	68.3	1.286	28.3	1.499	-0.153	-5.8	1.506
247596.4	842064.8	142.8	20.895	12.941	31.8	24.578	19.4	19.559	0.482	1.202	68.2	1.295	28.3	1.497	-0.138	-5.3	1.503
247595.7	842064.0	142.7	21.128	13.078	31.8	24.848	19.2	19.773	0.485	1.210	68.2	1.303	27.9	1.491	-0.143	-5.5	1.498
247595.1	842063.3	142.7	21.451	13.269	31.7	25.223	19.1	20.072	0.494	1.219	67.9	1.315	28.4	1.501	-0.106	-4.0	1.505
247594.4	842062.6	142.8	21.862	13.513	31.7	25.701	18.9	20.452	0.510	1.229	67.5	1.331	29.7	1.527	-0.030	-1.1	1.528
247593.7	842061.9	142.8	22.281	13.762	31.7	26.188	18.7	20.840	0.526	1.239	67.0	1.346	31.0	1.556	0.043	1.6	1.556
247593.0	842061.1	142.8	22.691	14.004	31.7	26.664	18.5	21.219	0.541	1.250	66.6	1.362	32.2	1.585	0.105	3.8	1.588
247592.3	842060.4	142.8	23.020	14.198	31.7	27.046	18.4	21.523	0.549	1.260	66.5	1.374	32.4	1.602	0.122	4.3	1.607
247591.6	842059.7	142.7	23.186	14.295	31.7	27.239	18.3	21.676	0.543	1.268	66.8	1.379	31.0	1.597	0.055	2.0	1.598
247590.9	842059.0	142.6	23.259	14.336	31.6	27.322	18.3	21.742	0.529	1.275	67.5	1.380	28.5	1.579	-0.060	-2.2	1.580
247590.2	842058.3	142.6	23.451	14.448	31.6	27.544	18.2	21.919	0.525	1.284	67.8	1.387	27.2	1.581	-0.122	-4.4	1.586
247589.5	842057.5	142.5	23.718	14.604	31.6	27.854	18.1	22.165	0.526	1.293	67.9	1.396	26.6	1.597	-0.151	-5.4	1.604
247588.8	842056.8	142.5	24.062	14.807	31.6	28.252	18.0	22.483	0.532	1.303	67.8	1.408	26.8	1.627	-0.146	-5.1	1.633
247588.1	842056.1	142.6	24.513	15.072	31.6	28.776	17.8	22.899	0.547	1.314	67.4	1.424	28.1	1.675	-0.096	-3.3	1.677
247587.5	842055.4	142.5	24.820	15.252	31.6	29.132	17.6	23.182	0.550	1.324	67.5	1.434	27.8	1.702	-0.116	-3.9	1.706
247586.8	842054.6	142.5	25.127	15.431	31.6	29.487	17.5	23.465	0.552	1.333	67.5	1.443	27.5	1.731	-0.140	-4.6	1.736
247586.1	842053.9	142.5	25.359	15.566	31.5	29.755	17.4	23.679	0.549	1.342	67.8	1.450	26.4	1.749	-0.201	-6.6	1.761
247585.4	842053.2	142.4	25.668	15.746	31.5	30.113	17.3	23.963	0.551	1.351	67.8	1.459	26.1	1.781	-0.230	-7.3	1.796
247584.7	842052.5	142.5	26.218	16.068	31.5	30.751	17.1	24.470	0.572	1.362	67.2	1.477	28.2	1.850	-0.151	-4.7	1.856
247584.0	842051.7	142.5	26.569	16.272	31.5	31.156	16.9	24.793	0.577	1.371	67.2	1.488	28.2	1.889	-0.166	-5.0	1.897
247583.3	842051.0	142.4	26.883	16.454	31.5	31.518	16.8	25.081	0.579	1.380	67.2	1.497	27.9	1.923	-0.200	-5.9	1.934
247582.6	842050.3	142.4	27.198	16.637	31.5	31.883	16.7	25.372	0.581	1.388	67.3	1.505	27.5	1.958	-0.234	-6.8	1.972
247581.9	842049.6	142.4	27.516	16.820	31.4	32.250	16.5	25.664	0.584	1.396	67.3	1.514	27.2	1.992	-0.268	-7.7	2.010
247581.2	842048.8	142.4	27.926	17.058	31.4	32.724	16.4	26.041	0.594	1.405	67.1	1.525	27.7	2.039	-0.263	-7.3	2.056
247580.6	842048.1	142.4	28.246	17.242	31.4	33.093	16.2	26.335	0.596	1.412	67.1	1.533	27.4	2.072	-0.298	-8.2	2.093
247579.9	842047.4	142.4	28.844	17.589	31.4	33.784	16.0	26.884	0.621	1.422	66.4	1.551	29.7	2.142	-0.216	-5.7	2.153
247579.2	842046.7	142.4	29.327	17.867	31.4	34.341	15.8	27.328	0.637	1.429	66.0	1.565	30.8	2.194	-0.184	-4.8	2.202
247578.5	842046.0	142.4	29.669	18.063	31.3	34.736	15.6	27.642	0.643	1.436	65.9	1.573	30.7	2.224	-0.209	-5.4	2.234
247577.8	842045.2	142.4	30.014	18.261	31.3	35.133	15.5	27.958	0.649	1.441	65.8	1.580	30.5	2.253	-0.233	-5.9	2.265
247577.1	842044.5	142.3	30.293	18.419	31.3	35.453	15.4	28.213	0.650	1.446	65.8	1.585	29.8	2.270	-0.282	-7.1	2.288
247576.4	842043.8	142.4	30.912	18.774	31.3	36.166	15.1	28.780	0.678	1.453	65.0	1.603	32.3	2.332	-0.193	-4.7	2.340
247575.7	842043.1	142.5	31.612	19.177	31.2	36.974	14.8	29.423	0.714	1.460	63.9	1.625	35.5	2.404	-0.073	-1.7	2.405
247575.0	842042.3	142.5	32.238	19.535	31.2	37.695	14.6	29.997	0.745	1.466	63.1	1.644	38.0	2.463	0.016	0.4	2.463
247574.3	842041.6	142.5	32.681	19.786	31.2	38.203	14.4	30.401	0.761	1.470	62.6	1.655	38.9	2.495	0.037	0.9	2.496
247573.6	842040.9	142.5	33.127	20.039	31.2	38.717	14.2	30.810	0.777	1.473	62.2	1.665	39.9	2.527	0.063	1.4	2.528
247573.0	842040.2	142.5	33.412	20.197	31.2	39.042	14.1	31.069	0.781	1.473	62.1	1.668	39.4	2.537	0.031	0.7	2.537
247572.3	842039.4	142.4	33.649	20.328	31.1	39.313	14.0	31.284	0.781	1.473	62.1	1.667	38.6	2.539	-0.014	-0.3	2.539
247571.6	842038.7	142.4	34.011	20.531	31.1	39.727	13.9	31.614	0.792	1.473	61.7	1.673	39.0	2.558	-0.010	-0.2	2.558
247570.9	842038.0	142.4	34.534	20.825	31.1	40.327	13.7	32.091	0.818	1.475	61.0	1.686	41.0	2.600	0.056	1.2	2.601
247570.2	842037.3	142.3	34.729	20.931	31.1	40.549	13.6	32.268	0.816	1.472	61.0	1.683	40.0	2.598	0.008	0.2	2.598
247569.5	842036.6	142.3	35.022	21.093	31.1	40.884	13.5	32.534	0.824	1.470	60.7	1.685	40.0	2.610	-0.001	-0.0	2.610
247568.8	842035.8	142.2	35.407	21.307	31.0	41.323	13.3	32.884	0.839	1.468	60.3	1.691	41.0	2.637	0.026	0.6	2.637
247568.1	842035.1	142.2	35.844	21.550	31.0	41.823	13.1	33.282	0.860	1.467	59.6	1.700	42.5	2.674	0.074	1.6	2.675
247567.4	842034.4	142.2	36.183	21.737	31.0	42.210	13.0	33.590	0.873	1.465	59.2	1.705	43.3	2.701	0.091	1.9	2.702
247566.7	842033.7	142.1	36.519	21.922	31.0	42.593	12.9	33.894	0.886	1.462	58.8	1.709	44.1	2.730	0.110	2.3	2.732
247566.1	842032.9	142.1	36.855	22.106	31.0	42.976	12.7	34.199	0.900	1.458	58.3	1.714	45.0	2.763	0.132	2.7	2.767
247565.4	842032.2	142.1	37.196	22.293	30.9	43.365	12.6	34.509	0.916	1.455	57.8	1.719	46.1	2.802	0.158	3.2	2.806
247564.7	842031.5	142.0	37.551	22.487	30.9	43.769	12.5	34.830	0.933	1.452	57.3	1.726	47.5	2.847	0.191	3.8	2.854
247564.0	842030.8	142.0	37.906	22.680	30.9	44.173	12.3	35.152	0.951	1.449	56.7	1.733	49.0	2.897	0.227	4.5	2.906
247563.3	842030.0	142.0	38.262	22.874	30.9	44.578	12.2	35.474	0.969	1.445	56.1	1.740	50.6	2.953	0.265	5.1	2.965
247562.6	842029.3	141.9	38.477	22.987	30.9	44.821	12.1	35.668	0.977	1.440	55.8	1.740	51.0	2.994	0.261	5.0	3.005
247561.9	842028.6	141.8	38.404	22.938	30.8	44.733	12.2	35.597	0.961	1.430	56.1	1.723	48.9	2.998	0.171	3.3	3.003
247561.2	842027.9	141.7	38.506	22.987	30.8	44.845	12.1	35.687	0.961	1.423	56.0	1.717	48.5	3.033	0.138	2.6	3.036
247560.5	842027.1	141.7	39.010	23.263	30.8	45.420	11.9	36.144	0.995	1.422	55.0	1.735	52.1	3.129	0.234	4.3	3.137

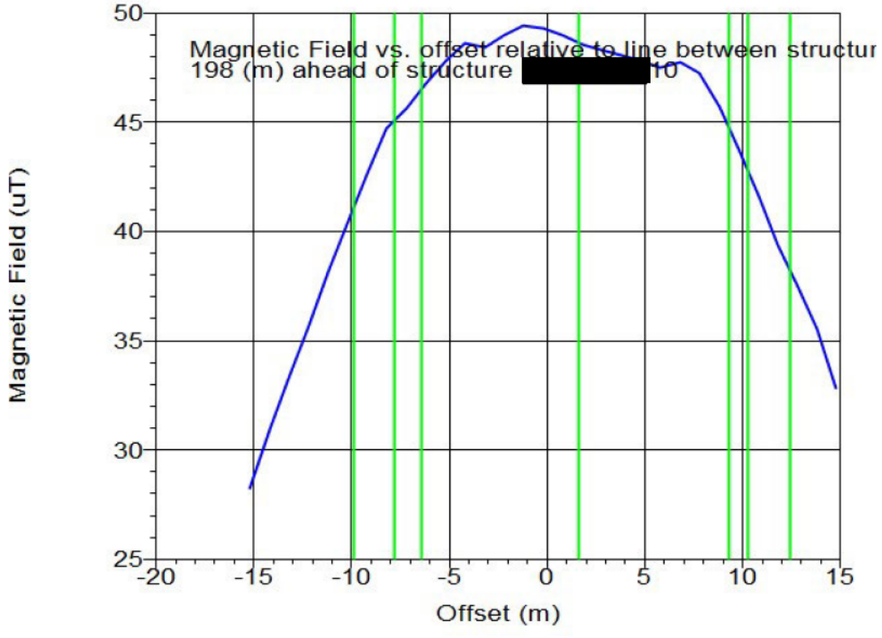
247559.8	842026.4	141.6	39.218	23.371	30.8	45.654	11.9	36.330	1.006	1.416	54.6	1.737	53.0	3.186	0.240	4.3	3.195
247559.1	842025.7	141.5	38.978	23.227	30.8	45.374	12.0	36.107	0.979	1.405	55.1	1.712	49.7	3.183	0.114	2.0	3.185
247558.5	842025.0	141.4	39.148	23.314	30.8	45.564	11.9	36.259	0.988	1.399	54.8	1.713	50.5	3.240	0.117	2.1	3.243
247557.8	842024.3	141.3	39.423	23.460	30.8	45.875	11.8	36.506	1.007	1.395	54.2	1.720	52.4	3.313	0.156	2.7	3.317
247557.1	842023.5	141.1	38.962	23.192	30.8	45.342	12.0	36.082	0.966	1.382	55.1	1.686	47.4	3.281	-0.022	-0.4	3.281
247556.4	842022.8	140.9	38.659	23.014	30.8	44.990	12.2	35.802	0.940	1.372	55.6	1.663	44.0	3.269	-0.146	-2.5	3.272
247555.7	842022.1	140.8	38.658	23.004	30.8	44.985	12.2	35.798	0.940	1.364	55.4	1.657	43.7	3.296	-0.168	-2.9	3.301
247555.0	842021.4	140.7	38.706	23.023	30.7	45.036	12.2	35.839	0.947	1.358	55.1	1.655	44.1	3.326	-0.165	-2.8	3.330
247554.3	842020.6	140.7	38.808	23.072	30.7	45.148	12.2	35.928	0.959	1.351	54.6	1.657	45.2	3.357	-0.135	-2.3	3.360
247553.6	842019.9	140.5	38.341	22.802	30.7	44.609	12.4	35.498	0.931	1.340	55.2	1.631	41.2	3.296	-0.266	-4.6	3.307
247552.9	842019.2	140.3	38.235	22.735	30.7	44.484	12.4	35.399	0.932	1.330	55.0	1.624	40.8	3.279	-0.271	-4.7	3.290
247552.2	842018.5	140.2	38.009	22.600	30.7	44.220	12.5	35.190	0.927	1.320	54.9	1.613	39.6	3.233	-0.299	-5.3	3.246
247551.5	842017.7	140.0	37.550	22.336	30.7	43.691	12.8	34.768	0.910	1.308	55.2	1.594	36.6	3.138	-0.383	-7.0	3.162
247550.9	842017.0	139.8	37.044	22.046	30.8	43.107	13.0	34.304	0.893	1.296	55.4	1.574	33.5	3.023	-0.468	-8.8	3.059
247550.2	842016.3	139.6	36.741	21.869	30.8	42.757	13.1	34.025	0.892	1.285	55.2	1.564	32.2	2.929	-0.477	-9.2	2.968
247549.5	842015.6	139.5	36.624	21.797	30.8	42.620	13.2	33.916	0.901	1.274	54.7	1.560	32.3	2.856	-0.416	-8.3	2.887
247548.8	842014.9	139.3	36.388	21.658	30.8	42.346	13.3	33.698	0.904	1.264	54.4	1.553	31.4	2.755	-0.385	-7.9	2.782
247548.1	842014.1	139.2	36.280	21.590	30.8	42.218	13.4	33.596	0.913	1.254	54.0	1.551	31.3	2.669	-0.308	-6.6	2.687
247547.4	842013.4	139.1	36.388	21.643	30.7	42.338	13.3	33.691	0.932	1.248	53.3	1.557	32.8	2.619	-0.164	-3.6	2.624
247546.7	842012.7	139.0	36.301	21.587	30.7	42.235	13.4	33.609	0.940	1.242	52.9	1.558	32.7	2.531	-0.080	-1.8	2.532
247546.0	842012.0	138.8	35.888	21.350	30.7	41.759	13.6	33.231	0.932	1.235	53.0	1.547	29.8	2.379	-0.096	-2.3	2.381
247545.3	842011.2	138.7	35.781	21.284	30.7	41.633	13.7	33.131	0.939	1.232	52.7	1.549	29.4	2.284	-0.023	-0.6	2.284
247544.6	842010.5	138.6	35.744	21.256	30.7	41.587	13.7	33.094	0.948	1.230	52.4	1.553	29.5	2.204	0.066	1.7	2.205
247544.0	842009.8	138.5	35.704	21.227	30.7	41.537	13.7	33.054	0.956	1.229	52.1	1.558	29.5	2.126	0.148	4.0	2.131
247543.3	842009.1	138.3	35.641	21.185	30.7	41.462	13.8	32.994	0.963	1.229	51.9	1.562	29.5	2.046	0.218	6.1	2.058
247542.6	842008.3	138.2	35.445	21.069	30.7	41.234	13.9	32.813	0.964	1.229	51.9	1.561	28.2	1.942	0.243	7.1	1.957
247541.9	842007.6	138.1	35.326	20.996	30.7	41.094	13.9	32.702	0.967	1.229	51.8	1.564	27.7	1.858	0.287	8.8	1.880
247541.2	842006.9	137.9	34.956	20.785	30.7	40.669	14.1	32.363	0.960	1.227	51.9	1.558	24.9	1.723	0.251	8.3	1.741
247540.5	842006.2	137.8	34.816	20.701	30.7	40.505	14.2	32.233	0.963	1.226	51.9	1.559	24.2	1.641	0.280	9.7	1.665
247539.8	842005.4	137.6	34.660	20.608	30.7	40.323	14.3	32.088	0.965	1.225	51.8	1.560	23.5	1.559	0.303	11.0	1.588
247539.1	842004.7	137.6	34.853	20.708	30.7	40.540	14.2	32.261	0.982	1.227	51.3	1.572	26.2	1.559	0.430	15.4	1.617
247538.4	842004.0	137.6	35.050	20.809	30.7	40.762	14.1	32.437	1.000	1.228	50.8	1.584	29.0	1.565	0.557	19.6	1.661
247537.7	842003.3	137.4	34.869	20.703	30.7	40.552	14.2	32.270	1.001	1.226	50.7	1.583	28.3	1.491	0.572	21.0	1.597
247537.0	842002.6	137.3	34.532	20.511	30.7	40.164	14.4	31.962	0.996	1.221	50.8	1.575	26.3	1.385	0.541	21.3	1.487
247536.4	842001.8	137.2	34.502	20.487	30.7	40.126	14.4	31.931	1.004	1.218	50.5	1.578	27.3	1.352	0.603	24.0	1.480
247535.7	842001.1	137.1	34.443	20.449	30.7	40.056	14.4	31.876	1.011	1.215	50.2	1.581	28.2	1.316	0.659	26.6	1.471
247535.0	842000.4	137.0	34.383	20.409	30.7	39.984	14.5	31.818	1.019	1.211	49.9	1.583	29.1	1.282	0.716	29.2	1.469
247534.3	841999.7	136.9	34.319	20.368	30.7	39.908	14.5	31.758	1.026	1.207	49.6	1.585	30.1	1.252	0.774	31.7	1.472
247533.6	841998.9	136.8	34.418	20.415	30.7	40.018	14.5	31.845	1.043	1.205	49.1	1.593	32.7	1.262	0.883	35.0	1.540
247532.9	841998.2	136.7	34.485	20.445	30.7	40.090	14.5	31.903	1.059	1.202	48.6	1.602	35.0	1.266	0.982	37.8	1.602
247532.2	841997.5	136.8	34.904	20.668	30.6	40.564	14.3	32.280	1.096	1.205	47.7	1.629	40.6	1.355	1.184	41.1	1.800
247531.5	841996.8	136.7	35.170	20.807	30.6	40.864	14.2	32.519	1.127	1.206	46.9	1.651	44.8	1.410	1.340	43.5	1.946
247530.8	841996.0	136.5	34.502	20.435	30.6	40.100	14.5	31.911	1.100	1.193	47.3	1.623	40.5	1.248	1.230	44.6	1.752
247530.1	841995.3	136.2	33.697	19.988	30.7	39.179	14.9	31.178	1.069	1.179	47.8	1.591	34.9	1.048	1.078	45.8	1.503
247529.5	841994.6	136.0	33.373	19.804	30.7	38.806	15.0	30.881	1.065	1.171	47.7	1.583	33.7	0.962	1.064	47.9	1.434
247528.8	841993.9	135.9	33.047	19.619	30.7	38.432	15.2	30.583	1.062	1.164	47.6	1.576	32.4	0.876	1.048	50.1	1.366
247528.1	841993.2	135.7	32.750	19.451	30.7	38.091	15.3	30.312	1.061	1.157	47.5	1.570	31.4	0.797	1.038	52.5	1.309
247527.4	841992.4	135.5	32.342	19.222	30.7	37.623	15.5	29.939	1.054	1.149	47.5	1.560	29.4	0.689	0.992	55.2	1.208
247526.7	841991.7	135.4	31.938	18.994	30.7	37.159	15.7	29.570	1.048	1.142	47.4	1.550	27.2	0.581	0.944	58.4	1.109
247526.0	841991.0	135.2	31.724	18.871	30.7	36.913	15.8	29.374	1.050	1.137	47.3	1.548	26.9	0.525	0.950	61.1	1.085
247525.3	841990.3	135.1	31.641	18.821	30.7	36.816	15.9	29.297	1.057	1.134	47.0	1.550	27.7	0.506	0.991	62.9	1.113
247524.6	841989.5	135.0	31.558	18.770	30.7	36.718	15.9	29.219	1.063	1.132	46.8	1.553	28.4	0.490	1.028	64.5	1.139
247523.9	841988.8	134.9	31.523	18.745	30.7	36.675	16.0	29.185	1.070	1.131	46.6	1.557	29.5	0.490	1.075	65.5	1.181
247523.2	841988.1	135.0	31.856	18.922	30.7	37.052	15.8	29.485	1.094	1.135	46.1	1.577	33.9	0.594	1.226	64.1	1.363
247522.5	841987.4	134.7	31.186	18.550	30.7	36.286	16.2	28.876	1.072	1.125	46.4	1.554	28.9	0.425	1.071	68.4	1.152
247521.9	841986.6	134.5	30.575	18.210	30.8	35.587	16.4	28.319	1.054	1.117	46.7	1.536	24.3	0.270	0.925	73.7	0.963
247521.2	841985.9	134.4	30.533	18.186	30.8	35.538	16.5	28.280	1.057	1.118	46.6	1.538	24.8	0.294	0.963	73.0	1.007
247520.5	841985.2	134.3	30.467	18.145	30.8	35.461	16.5	28.219	1.060	1.117	46.5	1.540	25.1	0.297	0.974	73.0	1.018
247519.8	841984.5	134.2	30.556	18.189	30.8	35.560	16.5	28.298	1.067	1.118	46.3	1.546	26.7	0.345	1.026	71.4	1.083
247519.1	841983.7	134.3	30.969	18.409	30.7	36.027	16.3	28.670	1.089	1.124	45.9	1.565	31.1	0.486	1.172	67.5	1.268
247518.4	841983.0	134.3	31.168	18.513	30.7	36.252	16.3	28.848	1.102	1.127	45.6	1.577	33.3	0.563	1.246	65.7	1.368
247517.7	841982.3	134.2	31.057	18.447	30.7	36.122	16.3	28.745	1.101	1.126	45.6	1.574	32.6	0.552	1.222	65.7	1.341
247517.0	841981.6	134.1	31.166	18.488	30.7	36.237	16.3	28.836	1.110	1.125	45.4	1.580	33.8	0.617	1.272	64.1	1.414
247516.3	841980.9	134.1	31.247	18.527	30.7	36.326	16.3	28.907	1.118	1.126	45.2	1.586	34.5	0.652	1.297	63.3	1.451
247515.6	841980.1	134.0	31.139	18.463	30.7	36.201	16.3	28.808	1.116	1.124	45.2	1.583	33.4	0.629	1.261	63.5	1.409
247515.0	841979.4	133.9	31.072	18.421	30.7	36.122	16.4	28.745	1.116	1.122	45.2	1.583	32.5	0.612	1.233	63.6	1.376
247514.3	841978.7	133.9	31.357	18.571	30.6	36.444	16.3	29.001	1.134	1.125	44.8	1.598	34.5	0.687	1.306	62.3	1.475
247513.6	841978.0	133.8	31.036	18.392	30.7	36.076	16.4	28.709	1.123	1.120	44.9	1.586	31.1	0.582	1.195	64.0	1.329
247512.9	841977.2	133.7	31.099	18.421	30.6	36.145	16.4	28.763	1.131	1.119	44.7	1.591	30.8	0.577	1.195	64.2	1.327
247512.2	841976.5	133.7	31.320	18.535	30.6	36.393	16.3	28.961	1.146	1.121	44.3	1.603	31.8	0.608	1.238	63.8	1.379
247511.5	841975.8	133.6	31.075	18.397	30.6	36.112	16.5	28.737	1.141	1.116	44.4	1.596	28.5	0.495	1.139	66.5	1.242
247510.8	841975.1	133.5	30.860	18.276	30.6	35.865	16.6	28.541	1.139	1.112	44.3	1.592	25.4	0.379	1.045	70.1	1.112
247510.1	841974.3	133.4	30.876	18.279	30.6	35.881	16.6	28.553	1.147	1.111	44.1	1.597	24.1	0.320	1.016	72.5	1.065
247509.4	841973.6	133.4	31.169	18.432	30.6	36.211	16.5	28.816	1.167	1.113	43.6	1.613	25.1	0.334	1.064	72.6	1.115
247508.7	841972.9	133.4	31.379	18.540	30.6	36.447	16.4	29.004	1.185	1.114	43.2	1.626	25.2	0.314	1.083	73.8	1.128
247508.0	841972.2	133.3	31.269	18.475	30.6	36.320	16.5	28.902	1.190	1.112	43.1	1.628	22.4	0.189	1.004	79.3	1.022
247507.4	841971.5	133.3	31.382	18.531	30.6	36.445	16.4	29.002	1.204	1.112	42.7	1.639	21.4	0.122	0.986	82.9	0.993
247506.7	841970.7	133.3	31.764	18.730	30.5	36.875	16.3	29.344	1.228	1.116	42.3	1.659	22.6	0.132	1.040	82.8	1.049
247506.0	841970.0	133.4	32.382	19.055	30.5	37.572	16.0	29.899	1.260	1.122	41.7	1.687	25.5	0.207	1.155	79.8	1.174
247505.3	841969.3	133.6	33.011	19.384	30.4	38.281	15.8	30.463	1.294	1.129	41.1	1.717	28.4	0.281	1.265	77.5	1.296
247504.6	841968.6	133.7	33.606	19.694	30.4	38.951	15.5	30.997	1.327	1.135	40.6	1.746	30.7	0.341	1.358	75.9	1.401
247503.9	841967.8	133.9	34.921	20.382	30.3	40.433	15.0	32.176	1.396	1.154	39.6	1.811	38.2	0.612	1.631	69.4	1.742
247503.2	841967.1	134.1	36.089	20.988	30.2	41.748	14.5	33.222	1.463	1.171	38.7	1.874	44.0	0.832	1.848	65.8	2.027
247502.5	841966.4	134.2	36.804	21.353	30.1	42.549	14.2	33.860	1.505	1.181	38.1	1.913	46.3	0.918	1.945	64.7	2.151
247501.8	841965.7	134.3	37.208	21.555	30.1	43.001	14.1	34.219	1.529	1.186	37.8	1.934	46.6	0.915	1.962	65.0	2.165
247501.1	841964.9	134.2	36.902	21.388	30.1	42.652	14.2	33.941	1.511	1.177	37.9	1.915	42.4	0.705	1.810	68.7	1.942
247500.5	841964.2	134.0	36.514	21.178	30.1	42.211	14.4	33.590	1.491	1.167	38.0	1.893	37.6	0.466	1.635	74.1	1.700

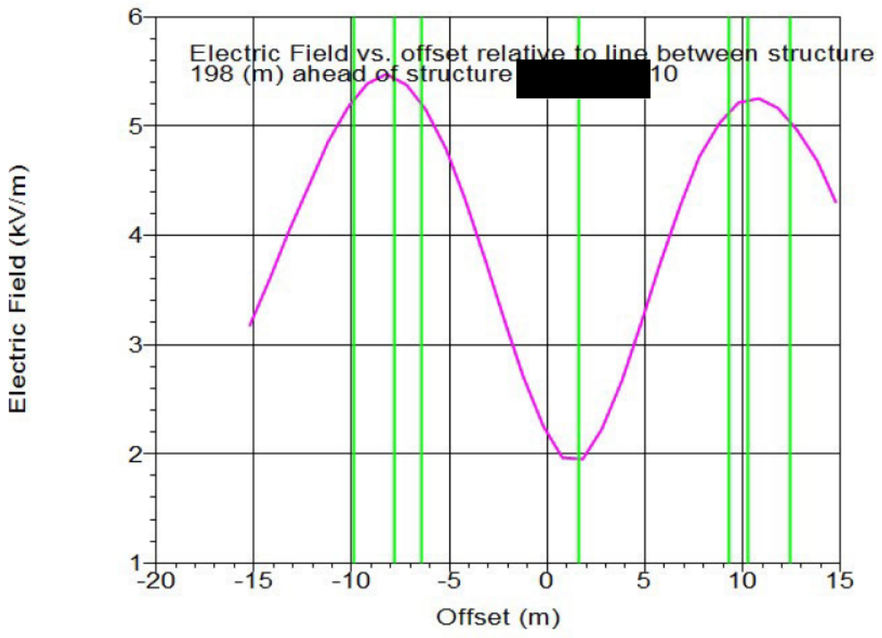
247499.8	841963.5	134.0	36.495	21.160	30.1	42.186	14.4	33.571	1.492	1.163	37.9	1.892	35.1	0.336	1.547	77.7	1.584
247499.1	841962.8	134.0	37.032	21.431	30.1	42.786	14.2	34.048	1.521	1.169	37.5	1.918	36.4	0.377	1.594	76.7	1.638
247498.4	841962.1	134.0	37.200	21.509	30.0	42.970	14.2	34.195	1.531	1.167	37.3	1.925	35.3	0.307	1.551	78.8	1.581
247497.7	841961.3	134.0	37.496	21.653	30.0	43.299	14.1	34.456	1.547	1.168	37.1	1.938	35.1	0.280	1.539	79.7	1.564
247497.0	841960.6	134.1	37.852	21.828	30.0	43.695	13.9	34.771	1.565	1.169	36.8	1.954	35.3	0.276	1.542	79.8	1.567
247496.3	841959.9	134.1	38.192	21.994	29.9	44.073	13.8	35.072	1.583	1.170	36.5	1.968	35.4	0.272	1.542	80.0	1.566
247495.6	841959.2	134.1	38.532	22.160	29.9	44.450	13.7	35.372	1.601	1.170	36.2	1.982	35.6	0.272	1.544	80.0	1.568
247494.9	841958.4	134.1	38.873	22.325	29.9	44.828	13.6	35.673	1.618	1.170	35.9	1.996	35.9	0.278	1.548	79.8	1.572
247494.2	841957.7	134.2	39.214	22.490	29.8	45.206	13.4	35.974	1.636	1.169	35.6	2.010	36.2	0.289	1.554	79.5	1.580
247493.5	841957.0	134.2	39.558	22.655	29.8	45.587	13.3	36.277	1.653	1.168	35.3	2.024	36.6	0.307	1.563	78.9	1.593
247492.9	841956.3	134.3	40.153	22.947	29.7	46.247	13.1	36.802	1.684	1.172	34.8	2.051	38.6	0.407	1.629	76.0	1.679
247492.2	841955.5	134.4	40.836	23.282	29.7	47.007	12.8	37.407	1.720	1.177	34.4	2.084	41.0	0.540	1.716	72.5	1.799
247491.5	841954.8	134.4	41.132	23.421	29.7	47.333	12.7	37.666	1.737	1.175	34.1	2.097	41.2	0.560	1.722	72.0	1.811
247490.8	841954.1	134.4	41.183	23.435	29.6	47.384	12.7	37.707	1.740	1.169	33.9	2.096	40.3	0.509	1.681	73.2	1.756
247490.1	841953.4	134.3	41.249	23.457	29.6	47.452	12.7	37.761	1.745	1.163	33.7	2.097	39.5	0.468	1.647	74.1	1.712
247489.4	841952.6	134.2	41.040	23.342	29.6	47.214	12.8	37.572	1.736	1.153	33.6	2.084	37.2	0.346	1.560	77.5	1.598
247488.7	841951.9	134.2	41.027	23.324	29.6	47.194	12.8	37.556	1.738	1.146	33.4	2.082	36.2	0.290	1.518	79.2	1.546
247488.0	841951.2	134.1	40.991	23.296	29.6	47.148	12.9	37.519	1.739	1.139	33.2	2.079	35.1	0.231	1.476	81.1	1.494
247487.3	841950.5	134.1	41.149	23.364	29.6	47.320	12.8	37.656	1.750	1.136	33.0	2.086	35.1	0.241	1.478	80.7	1.498
247486.6	841949.8	134.2	41.436	23.496	29.6	47.634	12.7	37.906	1.767	1.134	32.7	2.100	36.0	0.298	1.511	78.9	1.540
247486.0	841949.0	134.2	41.722	23.627	29.5	47.947	12.6	38.155	1.784	1.133	32.4	2.114	36.9	0.360	1.548	76.9	1.589
247485.3	841948.3	134.2	42.161	23.834	29.5	48.432	12.5	38.541	1.810	1.135	32.1	2.137	38.7	0.478	1.618	73.5	1.688
247484.6	841947.6	134.3	42.633	24.056	29.4	48.952	12.3	38.955	1.839	1.137	31.7	2.162	40.5	0.611	1.698	70.2	1.805
247483.9	841946.9	134.3	42.881	24.167	29.4	49.222	12.2	39.170	1.856	1.136	31.5	2.177	41.3	0.679	1.738	68.7	1.866
247483.2	841946.1	134.2	42.648	24.040	29.4	48.956	12.3	38.958	1.848	1.127	31.4	2.164	40.0	0.600	1.688	70.4	1.792
247482.5	841945.4	134.2	42.658	24.033	29.4	48.962	12.3	38.963	1.853	1.122	31.2	2.166	39.8	0.603	1.691	70.4	1.795
247481.8	841944.7	134.1	42.713	24.048	29.4	49.017	12.3	39.007	1.861	1.117	31.0	2.170	39.9	0.623	1.707	69.9	1.817
247481.1	841944.0	134.1	42.639	23.999	29.4	48.929	12.4	38.936	1.862	1.111	30.8	2.169	39.5	0.607	1.703	70.4	1.808
247480.4	841943.2	134.0	42.514	23.926	29.4	48.784	12.4	38.821	1.862	1.104	30.7	2.165	38.9	0.577	1.694	71.2	1.789
247479.7	841942.5	134.0	42.244	23.781	29.4	48.478	12.6	38.578	1.854	1.095	30.6	2.153	37.7	0.502	1.661	73.2	1.736
247479.0	841941.8	133.9	42.214	23.755	29.4	48.439	12.6	38.546	1.860	1.090	30.4	2.156	37.7	0.508	1.680	73.2	1.755
247478.4	841941.1	133.9	42.205	23.738	29.4	48.423	12.6	38.534	1.867	1.086	30.2	2.160	37.8	0.524	1.706	72.9	1.785
247477.7	841940.4	133.9	42.193	23.720	29.3	48.404	12.7	38.518	1.875	1.082	30.0	2.165	38.0	0.542	1.737	72.7	1.820
247477.0	841939.6	133.8	42.178	23.701	29.3	48.381	12.7	38.500	1.883	1.078	29.8	2.170	38.2	0.563	1.771	72.4	1.858
247476.3	841938.9	133.8	42.009	23.606	29.3	48.187	12.8	38.346	1.883	1.071	29.6	2.166	37.8	0.536	1.780	73.2	1.859
247475.6	841938.2	133.6	41.529	23.360	29.4	47.648	13.0	37.917	1.867	1.060	29.6	2.146	36.0	0.409	1.734	76.7	1.781
247474.9	841937.5	133.6	41.434	23.301	29.4	47.536	13.1	37.828	1.870	1.055	29.4	2.147	36.1	0.414	1.765	76.8	1.813
247474.2	841936.7	133.5	41.365	23.256	29.3	47.454	13.1	37.763	1.876	1.051	29.3	2.150	36.4	0.433	1.805	76.5	1.856
247473.5	841936.0	133.5	41.369	23.246	29.3	47.453	13.1	37.762	1.885	1.049	29.1	2.157	37.0	0.482	1.862	75.5	1.923
247472.8	841935.3	133.5	41.294	23.198	29.3	47.363	13.2	37.691	1.890	1.046	29.0	2.160	37.4	0.508	1.907	75.1	1.974
247472.1	841934.6	133.4	40.957	23.022	29.3	46.984	13.3	37.389	1.881	1.037	28.9	2.148	36.6	0.451	1.907	76.7	1.959
247471.5	841933.8	133.3	40.605	22.838	29.4	46.587	13.5	37.072	1.872	1.029	28.8	2.136	35.9	0.391	1.906	78.4	1.946
247470.8	841933.1	133.2	40.243	22.650	29.4	46.179	13.7	36.748	1.862	1.021	28.7	2.123	35.2	0.332	1.907	80.1	1.936
247470.1	841932.4	133.1	40.064	22.551	29.4	45.975	13.8	36.586	1.861	1.017	28.6	2.121	35.4	0.342	1.946	80.0	1.976
247469.4	841931.7	133.1	40.125	22.569	29.4	46.037	13.8	36.635	1.873	1.017	28.5	2.131	36.6	0.440	2.033	77.8	2.080
247468.7	841930.9	133.1	39.868	22.432	29.4	45.745	13.9	36.403	1.869	1.011	28.4	2.125	36.5	0.429	2.063	78.2	2.107
247468.0	841930.2	133.0	39.609	22.295	29.4	45.452	14.0	36.170	1.865	1.006	28.3	2.118	36.5	0.421	2.095	78.6	2.137
247467.3	841929.5	132.8	39.033	22.002	29.4	44.807	14.3	35.656	1.844	0.994	28.3	2.095	35.1	0.303	2.070	81.7	2.092
247466.6	841928.8	132.7	38.525	21.743	29.4	44.237	14.5	35.203	1.828	0.984	28.3	2.076	34.1	0.209	2.059	84.2	2.070
247465.9	841928.1	132.7	38.549	21.743	29.4	44.258	14.5	35.219	1.838	0.984	28.2	2.085	35.4	0.309	2.154	81.8	2.176
247465.2	841927.3	132.6	38.091	21.508	29.5	43.743	14.7	34.810	1.824	0.975	28.1	2.069	34.7	0.235	2.158	83.8	2.171
247464.5	841926.6	132.4	37.270	21.095	29.5	42.826	15.1	34.080	1.794	0.959	28.1	2.034	32.2	0.025	2.092	89.3	2.093
247463.9	841925.9	132.3	37.063	20.982	29.5	42.590	15.2	33.892	1.793	0.955	28.0	2.032	32.6	0.042	2.150	88.9	2.150
247463.2	841925.2	132.3	36.839	20.861	29.5	42.335	15.3	33.689	1.792	0.951	27.9	2.029	33.0	0.051	2.206	88.7	2.206
247462.5	841924.4	132.2	36.411	20.640	29.5	41.855	15.5	33.307	1.782	0.943	27.9	2.016	32.4	-0.018	2.223	-89.5	2.223
247461.8	841923.7	132.0	35.935	20.395	29.6	41.320	15.8	32.881	1.770	0.934	27.8	2.001	31.6	-0.110	2.232	-87.2	2.234
247461.1	841923.0	131.9	35.328	20.085	29.6	40.638	16.0	32.339	1.753	0.922	27.7	1.981	30.2	-0.256	2.214	-83.4	2.229
247460.4	841922.3	131.6	34.406	19.618	29.7	39.606	16.5	31.518	1.724	0.906	27.7	1.948	27.0	-0.534	2.131	-75.9	2.197
247459.7	841921.5	131.5	33.695	19.254	29.7	38.808	16.8	30.882	1.706	0.894	27.6	1.926	24.8	-0.738	2.089	-70.5	2.216
247459.0	841920.8	131.3	33.102	18.949	29.8	38.142	17.1	30.352	1.694	0.884	27.5	1.911	23.2	-0.900	2.072	-66.5	2.259
247458.3	841920.1	131.2	32.655	18.716	29.8	37.638	17.3	29.951	1.687	0.876	27.4	1.901	22.4	-1.007	2.086	-64.2	2.316
247457.6	841919.4	131.1	32.231	18.494	29.8	37.160	17.5	29.571	1.682	0.869	27.3	1.893	21.7	-1.107	2.104	-62.3	2.377
247457.0	841918.7	131.0	31.919	18.328	29.9	36.806	17.7	29.290	1.680	0.863	27.2	1.889	21.6	-1.161	2.146	-61.6	2.440
247456.3	841917.9	130.9	31.846	18.281	29.9	36.720	17.7	29.221	1.685	0.861	27.1	1.893	22.9	-1.113	2.240	-63.6	2.501
247455.6	841917.2	130.9	31.757	18.227	29.9	36.616	17.8	29.138	1.690	0.860	27.0	1.896	24.0	-1.070	2.330	-65.3	2.564
247454.9	841916.5	130.9	31.660	18.169	29.9	36.503	17.9	29.048	1.695	0.858	26.9	1.900	25.1	-1.028	2.417	-66.9	2.627
247454.2	841915.8	130.8	31.327	17.992	29.9	36.126	18.0	28.748	1.690	0.853	26.8	1.893	24.9	-1.089	2.451	-66.1	2.682
247453.5	841915.0	130.6	30.684	17.659	29.9	35.403	18.3	28.172	1.675	0.842	26.7	1.875	23.0	-1.286	2.415	-62.0	2.737
247452.8	841914.3	130.5	30.257	17.433	29.9	34.920	18.6	27.789	1.666	0.835	26.6	1.864	22.3	-1.387	2.426	-60.2	2.794
247452.1	841913.6	130.4	29.744	17.164	30.0	34.341	18.8	27.328	1.655	0.827	26.5	1.850	21.0	-1.527	2.415	-57.7	2.857
247451.4	841912.9	130.2	29.292	16.926	30.0	33.831	19.1	26.922	1.645	0.819	26.5	1.838	20.1	-1.636	2.417	-55.9	2.919
247450.7	841912.1	130.1	28.901	16.717	30.0	33.387	19.3	26.569	1.636	0.812	26.4	1.827	19.6	-1.715	2.431	-54.8	2.975
247450.0	841911.4	130.0	28.596	16.553	30.1	33.042	19.5	26.294	1.629	0.807	26.3	1.818	19.6	-1.750	2.465	-54.6	3.023
247449.4	841910.7	130.0	28.431	16.459	30.1	32.851	19.6	26.142	1.625	0.803	26.3	1.813	20.4	-1.713	2.531	-55.9	3.056
247448.7	841910.0	129.9	28.074	16.267	30.1	32.446	19.8	25.820	1.615	0.797	26.3	1.801	20.1	-1.766	2.551	-55.3	3.102
247448.0	841909.2	129.8	27.805	16.120	30.1	32.140	20.0	25.576	1.608	0.791	26.2	1.792	20.3	-1.772	2.590	-55.6	3.139
247447.3	841908.5	129.7	27.535	15.973	30.1	31.833	20.1	25.332	1.600	0.786	26.2	1.782	20.5	-1.776	2.629	-56.0	3.173
247446.6	841907.8	129.6	27.263	15.824	30.1	31.523	20.3	25.085	1.591	0.781	26.1	1.773	20.7	-1.778	2.667	-56.3	3.205
247445.9	841907.1	129.6	27.140	15.751	30.1	31.379	20.4	24.971	1.587	0.778	26.1	1.768	21.8	-1.703	2.738	-58.1	3.225
247445.2	841906.4	129.5	26.786	15.560	30.2	30.977	20.6	24.651	1.576	0.772	26.1	1.755	21.6	-1.739	2.754	-57.7	3.257
247444.5	841905.6	129.4	26.431	15.369	30.2	30.575	20.9	24.331	1.565	0.765	26.1	1.742	21.4	-1.774	2.768	-57.3	3.288
247443.8	841904.9	129.3	26.076	15.177	30.2	30.171	21.1	24.009	1.553	0.759	26.0	1.729	21.1	-1.807	2.781	-57.0	3.317
247443.1	841904.2	129.2	25.699	14.975	30.2	29.744	21.4	23.669	1.541	0.752	26.0	1.715	20.8	-1.848	2.787	-56.5	3.344
247442.4	841903.5	129.1	25.274	14.748	30.3	29.262	21.6	23.286	1.527	0.745	26.0	1.699	20.2	-1.911	2.779	-55.5	3.373
247441.8	841902.7	128.9	24.811	14.503	30.3	28.739	21.9	22.870	1.512	0.737	26.0	1.682	19.4	-1.990	2.761	-54.2	3.403
247441.1	841902.0	128.8	24.340	14.253	30.4	28.206	22.2	22.446	1.496	0.729	26.0	1.665	18.6	-2.071	2.738	-52.9	3.433
247440.4	841901.3	128.6	23.825	13.982	30.4	27.625	22.6	21.983	1.479	0.721	26.0	1.645	17.6	-2.171	2.701	-51.2	3.465

247439.7	841900.6	128.6	23.547	13.833	30.4	27.309	22.8	21.732	1.465	0.717	26.1	1.632	18.0	-2.139	2.724	-51.9	3.463
247439.0	841899.8	128.5	23.266	13.684	30.5	26.992	23.0	21.480	1.451	0.713	26.2	1.617	18.6	-2.101	2.745	-52.6	3.457
247438.3	841899.1	128.4	22.978	13.531	30.5	26.666	23.2	21.220	1.435	0.709	26.3	1.600	19.1	-2.060	2.763	-53.3	3.447
247437.6	841898.4	128.4	22.679	13.376	30.5	26.330	23.4	20.953	1.417	0.705	26.4	1.583	19.7	-2.017	2.778	-54.0	3.433
247436.9	841897.7	128.3	22.357	13.210	30.6	25.968	23.6	20.665	1.397	0.701	26.6	1.563	20.2	-1.978	2.786	-54.6	3.416
247436.2	841897.0	128.3	22.107	13.083	30.6	25.688	23.8	20.442	1.378	0.698	26.9	1.544	21.3	-1.892	2.812	-56.1	3.389
247435.5	841896.2	128.2	21.671	12.864	30.7	25.202	24.1	20.055	1.352	0.692	27.1	1.519	21.3	-1.898	2.789	-55.8	3.373
247434.9	841895.5	128.0	21.163	12.611	30.8	24.635	24.4	19.604	1.323	0.684	27.4	1.489	20.9	-1.934	2.746	-54.8	3.358
247434.2	841894.8	127.9	20.569	12.316	30.9	23.974	24.7	19.078	1.289	0.675	27.6	1.455	20.1	-2.007	2.678	-53.1	3.347
247433.5	841894.1	127.7	19.858	11.964	31.1	23.184	25.0	18.449	1.252	0.665	28.0	1.417	18.6	-2.138	2.574	-50.3	3.346
247432.8	841893.3	127.4	19.153	11.617	31.2	22.400	25.3	17.826	1.213	0.654	28.3	1.378	17.2	-2.258	2.469	-47.6	3.346
247432.1	841892.6	127.2	18.475	11.287	31.4	21.650	25.6	17.228	1.173	0.644	28.8	1.338	16.1	-2.356	2.369	-45.2	3.341
247431.4	841891.9	127.1	18.027	11.079	31.6	21.159	25.7	16.838	1.135	0.637	29.3	1.301	16.6	-2.316	2.338	-45.3	3.291
247430.7	841891.2	127.1	17.622	10.898	31.7	20.720	25.7	16.489	1.094	0.630	29.9	1.263	17.5	-2.243	2.321	-46.0	3.228
247430.0	841890.4	127.0	17.163	10.691	31.9	20.221	25.6	16.091	1.051	0.622	30.6	1.221	18.1	-2.196	2.288	-46.2	3.171
247429.3	841889.7	126.9	16.623	10.443	32.1	19.631	25.6	15.622	1.004	0.613	31.4	1.176	18.2	-2.191	2.227	-45.5	3.124
247428.6	841889.0	126.7	16.020	10.161	32.4	18.971	25.4	15.096	0.954	0.602	32.2	1.128	17.9	-2.218	2.143	-44.0	3.084
247427.9	841888.3	126.6	15.587	9.972	32.6	18.504	25.1	14.725	0.905	0.592	33.2	1.082	18.8	-2.151	2.115	-44.5	3.016
247427.3	841887.5	126.5	15.032	9.714	32.9	17.898	24.8	14.242	0.853	0.581	34.3	1.032	18.7	-2.154	2.041	-43.5	2.967
247426.6	841886.8	126.4	14.487	9.457	33.1	17.300	24.3	13.767	0.800	0.569	35.4	0.982	18.6	-2.160	1.964	-42.3	2.919
247425.9	841886.1	126.2	13.962	9.206	33.4	16.724	23.7	13.308	0.747	0.557	36.7	0.932	18.4	-2.164	1.886	-41.1	2.870
247425.2	841885.4	126.1	13.539	9.007	33.6	16.261	23.0	12.940	0.695	0.546	38.2	0.884	18.6	-2.128	1.839	-40.8	2.813
247424.5	841884.7	126.0	13.206	8.854	33.8	15.899	22.2	12.652	0.645	0.536	39.7	0.839	19.2	-2.064	1.821	-41.4	2.753
247423.8	841883.9	126.0	12.907	8.713	34.0	15.573	21.4	12.393	0.597	0.527	41.4	0.796	19.7	-2.008	1.807	-42.0	2.701
247423.1	841883.2	125.9	12.632	8.577	34.2	15.269	20.5	12.151	0.550	0.518	43.3	0.756	19.9	-1.969	1.790	-42.3	2.661
247422.4	841882.5	125.8	12.409	8.463	34.3	15.020	19.6	11.953	0.507	0.511	45.2	0.720	20.0	-1.937	1.781	-42.6	2.632
247421.7	841881.8	125.7	12.161	8.321	34.4	14.735	18.9	11.726	0.464	0.507	47.5	0.688	18.7	-1.951	1.741	-41.7	2.615
247421.0	841881.0	125.6	12.034	8.244	34.4	14.587	18.1	11.608	0.427	0.506	49.8	0.662	18.3	-1.946	1.741	-41.8	2.611
247420.4	841880.3	125.5	11.999	8.216	34.4	14.542	17.5	11.572	0.395	0.509	52.2	0.644	18.7	-1.942	1.767	-42.3	2.625
247419.7	841879.6	125.3	11.952	8.173	34.4	14.479	17.1	11.522	0.363	0.517	54.9	0.632	17.6	-1.979	1.766	-41.7	2.652
247419.0	841878.9	125.2	12.023	8.200	34.3	14.553	16.8	11.581	0.338	0.531	57.5	0.629	18.4	-2.011	1.807	-41.9	2.703
247418.3	841878.1	125.2	12.193	8.288	34.2	14.743	16.7	11.732	0.318	0.550	60.0	0.635	20.7	-2.048	1.883	-42.6	2.782

Max BF along centerline is 49.222 (uT) at 198.000 (m) from structure [redacted]-10

Cross section results at max BF along centerline between structures [redacted]-10 and [redacted]-11





3D EMF Point Results Span from [redacted]-10 to [redacted]-11:

Measurement			B					H	EF					Space Potential			
X (m)	Y (m)	Z (m)	Real (uT)	Imaginary (uT)	Angle (deg)	Magnitude (uT)	Polarization Axial Ratio %	Magnitude (A/m)	Real (kV/m)	Imaginary (kV/m)	Angle (deg)	Magnitude (kV/m)	Polarization Axial Ratio %	Real (kV)	Imaginary (kV)	Angle (deg)	Magnitude (kV)
247494.9	841936.4	134.2	25.228	12.684	26.7	28.237	36.0	22.470	2.947	1.154	21.4	3.165	5.0	2.888	-1.410	-26.0	3.214
247494.2	841937.1	134.3	27.822	13.503	25.9	30.925	34.2	24.610	3.409	1.148	18.6	3.597	5.1	3.691	-1.526	-22.5	3.994
247493.4	841937.7	134.3	30.148	14.195	25.2	33.322	32.3	26.517	3.877	1.120	16.1	4.035	4.6	4.119	-1.471	-19.7	4.374
247492.7	841938.4	134.3	32.498	14.891	24.6	35.748	30.3	28.447	4.333	1.074	13.9	4.464	4.1	4.518	-1.392	-17.1	4.727
247492.0	841939.1	134.3	34.790	15.586	24.1	38.122	28.2	30.336	4.747	1.009	12.0	4.853	3.7	4.844	-1.286	-14.9	5.012
247491.3	841939.8	134.3	37.051	16.308	23.8	40.482	26.2	32.214	5.089	0.927	10.3	5.173	3.5	5.177	-1.175	-12.8	5.309
247490.5	841940.5	134.3	39.104	17.032	23.5	42.653	24.2	33.942	5.321	0.830	8.9	5.386	3.3	5.392	-1.038	-10.9	5.491
247489.8	841941.2	134.3	41.032	17.804	23.5	44.728	22.2	35.593	5.422	0.722	7.6	5.470	3.4	5.608	-0.893	-9.0	5.679
247489.1	841941.9	134.2	41.812	18.363	23.7	45.667	20.5	36.341	5.344	0.595	6.4	5.377	3.4	4.978	-0.642	-7.3	5.020
247488.4	841942.6	134.2	42.705	19.062	24.1	46.766	18.8	37.215	5.128	0.467	5.2	5.149	3.9	4.631	-0.425	-5.2	4.651
247487.6	841943.3	134.3	43.485	19.848	24.5	47.800	17.2	38.038	4.781	0.357	4.3	4.794	4.9	4.339	-0.192	-2.5	4.343
247486.9	841944.0	134.3	43.983	20.675	25.2	48.600	15.7	38.674	4.323	0.310	4.1	4.334	6.8	3.934	0.083	1.2	3.934
247486.2	841944.7	134.2	43.512	21.292	26.1	48.442	14.6	38.549	3.764	0.365	5.5	3.781	9.3	2.962	0.395	7.6	2.988
247485.5	841945.3	134.3	43.653	22.224	27.0	48.985	13.5	38.981	3.182	0.552	9.8	3.230	14.7	2.432	0.766	17.5	2.549
247484.7	841946.0	134.3	43.648	23.214	28.0	49.437	12.7	39.341	2.585	0.798	17.2	2.706	23.9	1.786	1.213	34.2	2.159
247484.0	841946.7	134.3	43.043	24.021	29.2	49.292	12.2	39.225	1.977	1.077	28.6	2.251	38.0	0.870	1.653	62.2	1.868
247483.3	841947.4	134.2	42.238	24.757	30.4	48.958	12.1	38.960	1.395	1.391	44.9	1.970	53.7	-0.050	2.076	-88.6	2.076
247482.6	841948.1	134.1	41.330	25.426	31.6	48.524	12.3	38.615	0.896	1.738	62.7	1.955	47.5	-0.889	2.456	-70.1	2.612
247481.9	841948.8	134.1	40.585	26.165	32.8	48.289	12.7	38.427	0.683	2.114	72.1	2.222	29.6	-1.605	2.864	-60.7	3.283
247481.1	841949.5	134.0	39.827	26.859	34.0	48.037	13.3	38.227	0.905	2.509	70.2	2.668	17.1	-2.229	3.246	-55.5	3.938
247480.4	841950.2	133.9	39.080	27.508	35.1	47.791	14.1	38.031	1.325	2.910	65.5	3.197	10.1	-2.771	3.613	-52.5	4.553
247479.7	841950.9	133.9	38.288	28.060	36.2	47.469	15.1	37.775	1.771	3.297	61.8	3.743	6.3	-3.235	3.944	-50.6	5.101
247479.0	841951.6	134.0	37.956	28.949	37.3	47.735	16.1	37.987	2.207	3.663	58.9	4.277	4.6	-3.869	4.634	-50.1	6.037
247478.2	841952.2	134.0	37.065	29.287	38.3	47.239	17.4	37.592	2.573	3.958	57.0	4.721	3.5	-4.287	4.968	-49.2	6.562
247477.5	841952.9	133.8	35.450	28.822	39.1	45.688	19.1	36.357	2.856	4.146	55.4	5.034	2.7	-4.288	4.712	-47.7	6.371
247476.8	841953.6	133.7	33.649	28.020	39.8	43.787	20.9	34.845	3.061	4.224	54.1	5.216	2.3	-4.116	4.266	-46.0	5.928
247476.1	841954.3	133.6	31.708	26.916	40.3	41.592	22.7	33.098	3.183	4.185	52.7	5.258	2.0	-3.800	3.669	-44.0	5.282
247475.3	841955.0	133.5	29.834	25.735	40.8	39.400	24.6	31.354	3.227	4.038	51.4	5.169	2.0	-3.511	3.145	-41.9	4.713
247474.6	841955.7	133.5	28.252	24.744	41.2	37.556	26.4	29.886	3.202	3.803	49.9	4.971	2.3	-3.489	2.961	-40.3	4.576
247473.9	841956.4	133.5	26.617	23.579	41.5	35.559	28.3	28.297	3.112	3.489	48.3	4.676	2.7	-3.430	2.724	-38.5	4.381
247473.2	841957.1	133.4	24.552	21.795	41.6	32.830	30.1	26.125	2.967	3.114	46.4	4.301	2.5	-2.868	1.956	-34.3	3.472

Centerline results between structures [redacted]-5 and [redacted]-6T

3D EMF Point Results Centerline from [redacted]-5 to [redacted]-6T:

Measurement			B					H	EF					Space Potential			
X (m)	Y (m)	Z (m)	Real (uT)	Imaginary (uT)	Angle (deg)	Magnitude (uT)	Polarization Axial Ratio %	Magnitude (A/m)	Real (kV/m)	Imaginary (kV/m)	Angle (deg)	Magnitude (kV/m)	Polarization Axial Ratio %	Real (kV)	Imaginary (kV)	Angle (deg)	Magnitude (kV)
249114.8	843631.6	78.8	9.982	6.326	32.4	11.818	24.8	9.404	0.303	0.623	64.1	0.693	22.0	-0.684	1.600	-66.9	1.740

249114.2	843630.8	79.0	10.095	6.386	32.3	11.945	24.7	9.505	0.319	0.618	62.7	0.696	24.3	-0.634	1.676	-69.3	1.792
249113.7	843630.0	79.2	10.158	6.412	32.3	12.013	24.7	9.559	0.332	0.614	61.6	0.698	25.3	-0.604	1.706	-70.5	1.810
249113.1	843629.2	79.3	10.197	6.423	32.2	12.051	24.6	9.590	0.343	0.609	60.6	0.699	25.6	-0.586	1.712	-71.1	1.809
249112.5	843628.3	79.4	10.247	6.439	32.1	12.102	24.4	9.631	0.354	0.604	59.6	0.700	25.9	-0.567	1.720	-71.8	1.811
249111.9	843627.5	79.5	10.299	6.456	32.1	12.155	24.3	9.673	0.365	0.600	58.7	0.702	26.1	-0.551	1.723	-72.3	1.809
249111.3	843626.7	79.6	10.347	6.469	32.0	12.203	24.2	9.711	0.376	0.595	57.7	0.704	26.0	-0.541	1.718	-72.5	1.801
249110.7	843625.9	79.6	10.391	6.479	31.9	12.245	24.0	9.744	0.386	0.591	56.9	0.706	25.6	-0.537	1.706	-72.5	1.788
249110.2	843625.1	79.7	10.441	6.493	31.9	12.296	23.9	9.785	0.396	0.587	56.0	0.708	25.2	-0.534	1.694	-72.5	1.777
249109.6	843624.3	79.8	10.501	6.511	31.8	12.356	23.7	9.833	0.407	0.582	55.0	0.711	24.8	-0.532	1.685	-72.5	1.767
249109.0	843623.5	79.8	10.546	6.521	31.7	12.399	23.5	9.867	0.417	0.578	54.2	0.713	24.0	-0.540	1.663	-72.0	1.748
249108.4	843622.7	79.8	10.564	6.513	31.7	12.410	23.3	9.876	0.427	0.573	53.3	0.714	22.5	-0.566	1.620	-70.8	1.716
249107.8	843621.8	79.8	10.588	6.509	31.6	12.428	23.1	9.890	0.437	0.568	52.4	0.716	21.0	-0.593	1.581	-69.4	1.688
249107.2	843621.0	79.8	10.622	6.510	31.5	12.458	22.9	9.914	0.447	0.563	51.5	0.719	19.6	-0.620	1.546	-68.1	1.666
249106.7	843620.2	79.8	10.666	6.518	31.4	12.500	22.7	9.947	0.459	0.558	50.6	0.722	18.3	-0.646	1.516	-66.9	1.648
249106.1	843619.4	79.9	10.780	6.568	31.4	12.624	22.5	10.046	0.472	0.553	49.5	0.728	18.3	-0.641	1.529	-67.2	1.658
249105.5	843618.6	80.0	10.901	6.622	31.3	12.755	22.3	10.150	0.487	0.549	48.4	0.733	18.4	-0.635	1.543	-67.6	1.669
249104.9	843617.8	79.9	10.927	6.619	31.2	12.775	22.1	10.166	0.498	0.543	47.4	0.737	16.5	-0.681	1.501	-65.6	1.648
249104.3	843617.0	80.0	11.046	6.671	31.1	12.904	21.8	10.269	0.513	0.538	46.3	0.743	16.4	-0.680	1.512	-65.8	1.658
249103.7	843616.2	80.1	11.180	6.732	31.1	13.050	21.6	10.385	0.528	0.532	45.2	0.750	16.5	-0.673	1.530	-66.3	1.671
249103.2	843615.3	80.2	11.317	6.794	31.0	13.200	21.4	10.504	0.543	0.527	44.1	0.757	16.6	-0.665	1.548	-66.7	1.685
249102.6	843614.5	80.2	11.413	6.833	30.9	13.302	21.1	10.585	0.558	0.521	43.0	0.764	16.0	-0.681	1.543	-66.2	1.687
249102.0	843613.7	80.2	11.494	6.863	30.8	13.387	20.9	10.653	0.573	0.515	41.9	0.770	15.0	-0.706	1.531	-65.3	1.686
249101.4	843612.9	80.3	11.576	6.894	30.8	13.473	20.7	10.722	0.588	0.508	40.8	0.777	14.0	-0.731	1.520	-64.3	1.686
249100.8	843612.1	80.3	11.659	6.925	30.7	13.561	20.5	10.791	0.603	0.501	39.7	0.784	13.1	-0.757	1.509	-63.3	1.688
249100.2	843611.3	80.3	11.738	6.954	30.6	13.643	20.3	10.857	0.618	0.494	38.6	0.791	12.1	-0.787	1.496	-62.3	1.690
249099.7	843610.5	80.4	11.885	7.022	30.6	13.805	20.1	10.985	0.635	0.487	37.5	0.800	12.3	-0.774	1.516	-62.9	1.702
249099.1	843609.7	80.5	12.034	7.090	30.5	13.967	19.9	11.114	0.651	0.481	36.4	0.809	12.4	-0.761	1.535	-63.6	1.713
249098.5	843608.8	80.5	12.183	7.159	30.4	14.131	19.7	11.245	0.668	0.474	35.3	0.819	12.6	-0.745	1.554	-64.4	1.723
249097.9	843608.0	80.6	12.334	7.228	30.4	14.296	19.4	11.376	0.685	0.466	34.3	0.829	12.7	-0.727	1.572	-65.2	1.732
249097.3	843607.2	80.7	12.484	7.296	30.3	14.460	19.2	11.507	0.702	0.459	33.2	0.838	12.8	-0.708	1.588	-66.0	1.739
249096.7	843606.4	80.8	12.611	7.351	30.2	14.597	19.0	11.616	0.718	0.451	32.2	0.848	12.6	-0.703	1.595	-66.2	1.743
249096.2	843605.6	80.8	12.708	7.390	30.2	14.701	18.8	11.699	0.734	0.443	31.1	0.858	12.0	-0.715	1.589	-65.8	1.742
249095.6	843604.8	80.8	12.814	7.433	30.1	14.814	18.6	11.789	0.750	0.435	30.1	0.867	11.5	-0.721	1.586	-65.6	1.742
249095.0	843604.0	81.0	12.995	7.518	30.0	15.013	18.4	11.947	0.768	0.427	29.1	0.879	12.0	-0.675	1.611	-67.3	1.747
249094.4	843603.2	81.0	13.068	7.542	30.0	15.088	18.3	12.007	0.784	0.418	28.1	0.888	11.1	-0.701	1.596	-66.3	1.743
249093.8	843602.4	80.9	13.106	7.547	29.9	15.123	18.1	12.035	0.799	0.409	27.1	0.898	9.8	-0.750	1.569	-64.4	1.739
249093.2	843601.5	81.0	13.201	7.584	29.9	15.225	17.9	12.116	0.816	0.400	26.1	0.909	9.3	-0.759	1.562	-64.1	1.737
249092.7	843600.7	81.0	13.278	7.611	29.8	15.305	17.8	12.179	0.832	0.391	25.2	0.919	8.6	-0.781	1.550	-63.3	1.736
249092.1	843599.9	81.0	13.345	7.632	29.8	15.373	17.6	12.234	0.848	0.382	24.2	0.930	7.8	-0.810	1.535	-62.2	1.736
249091.5	843599.1	81.1	13.460	7.678	29.7	15.497	17.4	12.332	0.865	0.373	23.3	0.942	7.6	-0.804	1.535	-62.4	1.733
249090.9	843598.3	81.3	13.792	7.841	29.6	15.866	17.2	12.625	0.885	0.366	22.4	0.958	9.7	-0.639	1.600	-68.2	1.723
249090.3	843597.5	81.3	13.842	7.852	29.6	15.914	17.0	12.664	0.902	0.356	21.5	0.969	8.8	-0.678	1.579	-66.8	1.718
249089.7	843596.7	81.3	13.935	7.886	29.5	16.012	16.9	12.742	0.919	0.346	20.6	0.982	8.3	-0.686	1.571	-66.4	1.714
249089.2	843595.9	81.4	14.069	7.941	29.4	16.155	16.7	12.856	0.937	0.337	19.8	0.995	8.3	-0.663	1.573	-67.2	1.707
249088.6	843595.0	81.5	14.298	8.046	29.4	16.407	16.5	13.056	0.956	0.329	19.0	1.011	9.1	-0.567	1.599	-70.5	1.697
249088.0	843594.2	81.6	14.407	8.087	29.3	16.522	16.3	13.148	0.974	0.319	18.1	1.025	8.8	-0.562	1.594	-70.6	1.690
249087.4	843593.4	81.6	14.477	8.107	29.2	16.593	16.2	13.204	0.992	0.309	17.3	1.039	8.2	-0.588	1.578	-69.6	1.684
249086.8	843592.6	81.6	14.563	8.136	29.2	16.681	16.0	13.274	1.011	0.299	16.5	1.054	7.7	-0.602	1.567	-69.0	1.679
249086.2	843591.8	81.6	14.624	8.151	29.1	16.742	15.9	13.323	1.029	0.288	15.6	1.069	7.1	-0.636	1.551	-67.7	1.676
249085.7	843591.0	81.7	14.701	8.175	29.1	16.821	15.7	13.386	1.048	0.278	14.8	1.084	6.6	-0.659	1.538	-66.8	1.673
249085.1	843590.2	81.7	14.827	8.223	29.0	16.955	15.6	13.492	1.068	0.268	14.1	1.101	6.6	-0.644	1.535	-67.3	1.665
249084.5	843589.4	81.8	14.941	8.265	29.0	17.074	15.4	13.587	1.088	0.258	13.3	1.118	6.4	-0.638	1.530	-67.4	1.657
249083.9	843588.5	81.9	15.072	8.315	28.9	17.213	15.3	13.698	1.108	0.248	12.6	1.135	6.4	-0.618	1.527	-68.0	1.647
249083.3	843587.7	81.9	15.198	8.363	28.8	17.347	15.1	13.804	1.128	0.238	11.9	1.153	6.3	-0.602	1.522	-68.4	1.636
249082.7	843586.9	82.0	15.320	8.408	28.8	17.476	15.0	13.907	1.149	0.228	11.2	1.171	6.2	-0.589	1.515	-68.8	1.626
249082.2	843586.1	82.0	15.442	8.452	28.7	17.604	14.8	14.009	1.170	0.218	10.6	1.190	6.1	-0.576	1.508	-69.1	1.615
249081.6	843585.3	82.2	15.634	8.531	28.6	17.810	14.6	14.173	1.191	0.210	10.0	1.209	6.5	-0.503	1.511	-71.6	1.592
249081.0	843584.5	82.2	15.763	8.578	28.6	17.946	14.5	14.281	1.212	0.200	9.4	1.228	6.4	-0.483	1.502	-72.2	1.578
249080.4	843583.7	82.4	15.996	8.675	28.5	18.197	14.3	14.481	1.234	0.192	8.9	1.249	6.9	-0.371	1.506	-76.2	1.551
249079.8	843582.9	82.5	16.235	8.775	28.4	18.455	14.1	14.686	1.257	0.185	8.4	1.270	7.4	-0.253	1.507	-80.5	1.528
249079.2	843582.0	82.7	16.490	8.881	28.3	18.729	13.9	14.904	1.280	0.179	8.0	1.292	8.0	-0.120	1.508	-85.4	1.512
249078.7	843581.2	82.8	16.727	8.977	28.2	18.983	13.7	15.106	1.303	0.173	7.6	1.314	8.3	-0.001	1.503	-89.9	1.503
249078.1	843580.4	83.0	16.953	9.067	28.1	19.226	13.5	15.299	1.326	0.168	7.2	1.336	8.6	0.110	1.495	85.8	1.499
249077.5	843579.6	83.1	17.187	9.160	28.1	19.476	13.3	15.498	1.349	0.163	6.9	1.359	8.9	0.229	1.485	81.2	1.503
249076.9	843578.8	83.2	17.325	9.206	28.0	19.619	13.1	15.613	1.371	0.156	6.5	1.379	8.7	0.264	1.466	79.8	1.490
249076.3	843578.0	83.3	17.488	9.264	27.9	19.790	13.0	15.748	1.393	0.150	6.1	1.401	8.7	0.322	1.448	77.5	1.483
249075.7	843577.2	83.3	17.590	9.292	27.8	19.894	12.8	15.831	1.414	0.142	5.7	1.421	8.4	0.326	1.426	77.1	1.462
249075.2	843576.4	83.4	17.686	9.317	27.8	19.990	12.7	15.908	1.435	0.134	5.3	1.441	8.0	0.323	1.403	77.0	1.439
249074.6	843575.5	83.4	17.787	9.345	27.7	20.093	12.6	15.989	1.456	0.127	5.0	1.462	7.8	0.324	1.380	76.8	1.417
249074.0	843574.7	83.4	17.829	9.345	27.7	20.130	12.5	16.019	1.477	0.118	4.6	1.482	7.3	0.270	1.355	78.7	1.381
249073.4	843573.9	83.4	17.750	9.289	27.6	20.034	12.4	15.942	1.496	0.105	4.0	1.500	6.4	0.099	1.327	85.7	1.331
249072.8	843573.1	83.3	17.666	9.231	27.6	19.932	12.4	15.862	1.516	0.091	3.4	1.518	5.6	-0.083	1.302	-86.3	1.305
249072.2	843572.3	83.4	17.755	9.253	27.5	20.022	12.3	15.933	1.538	0.085	3.2	1.540	5.3	-0.103	1.282	-85.4	1.286
249071.7	843571.5	83.4	17.834	9.270	27.5	20.099	12.2	15.995	1.561	0.080	2.9	1.563	5.1	-0.136	1.262	-83.9	1.269
249071.1	843570.7	83.4	17.911	9.285	27.4	20.174	12.0	16.054	1.584	0.076	2.7	1.585	4.8	-0.173	1.242	-82.0	1.254
249070.5	843569.9	83.6	18.174	9.385	27.3	20.454	11.9	16.277	1.609	0.081	2.9	1.611	5.0	-0.028	1.222	-88.7	1.222
249069.9	843569.0	83.8	18.432	9.480	27.2	20.727	11.7	16.494	1.635	0.088	3.1	1.638	5.2	0.110	1.199	84.8	1.204
249069.3	843568.2	83.9	18.670	9.566	27.1	20.978	11.5	16.694	1.662	0.095	3.3	1.664	5.3	0.227	1.176	79.1	1.198
249068.7	843567.4	84.0	18.884	9.640	27.0	21.202	11.3	16.872	1.688	0.101	3.4	1.691	5.4	0.318	1.152	74.6	1.195
249068.2	843566.6	84.2	19.097	9.714	27.0	21.426	11.2	17.050	1.716	0.109	3.6	1.719	5.4	0.407	1.126	70.1	1.197
249067.6	843565.8	84.3	19.326	9.792	26.9	21.665	11.0	17.240	1.744	0.117	3.8	1.747	5.4	0.507	1.100	65.3	1.211
249067.0	843565.0	84.4	19.555	9.870	26.8	21.905	10.8	17.431	1.772	0.126	4.1	1.777	5.4	0.606	1.072	60.5	1.232
249066.4	843564.2	84.6	19.786	9.948	26.7	22.146	10.7	17.623	1.801	0.135	4.3	1.806	5.4	0.704	1.044	56.0	1.259
249065.8	843563.4	84.7	20.017	10.025	26.6	22.387	10.5	17.815	1.831	0.145	4.5	1.837	5.4	0.801	1.014	51.7	1.292
249065.2	843562.6	84.9	20.295	10.120	26.5	22.678	10.3	18.047	1.863	0.156	4.8	1.869	5.5	0.941	0.981	46.2	1.359
249064.7	843561.7	85.0	20.492	10.181	26.4	22.881	10.2	18.208	1.893	0.165	5.0	1.900	5.4	0.997	0.952	43.7	1.379
249064.1	843560.9	85.0	20.531	10.175	26.4	22.914	10.1	18.235	1.921	0.169	5.0	1.928	5.0	0.891	0.935	46.4	1.292

249063.5	843560.1	85.1	20.645	10.200	26.3	23.028	10.0	18.325	1.950	0.177	5.2	1.958	4.8	0.856	0.914	46.9	1.252
249062.9	843559.3	85.3	20.974	10.313	26.2	23.373	9.8	18.599	1.985	0.190	5.5	1.994	4.8	1.040	0.874	40.0	1.359
249062.3	843558.5	85.4	21.282	10.416	26.1	23.694	9.6	18.855	2.019	0.203	5.7	2.029	4.9	1.200	0.835	34.8	1.462
249061.7	843557.7	85.4	21.289	10.397	26.0	23.692	9.5	18.854	2.048	0.208	5.8	2.058	4.5	1.048	0.824	38.2	1.333
249061.2	843556.9	85.6	21.519	10.466	25.9	23.929	9.4	19.042	2.081	0.219	6.0	2.093	4.4	1.123	0.793	35.2	1.375
249060.6	843556.1	85.7	21.749	10.536	25.8	24.167	9.2	19.231	2.115	0.230	6.2	2.127	4.3	1.198	0.761	32.4	1.419
249060.0	843555.2	85.8	22.010	10.616	25.7	24.436	9.1	19.446	2.149	0.242	6.4	2.163	4.3	1.302	0.725	29.1	1.490
249059.4	843554.4	86.0	22.315	10.712	25.6	24.753	8.9	19.698	2.185	0.255	6.6	2.200	4.2	1.451	0.684	25.2	1.604
249058.8	843553.6	86.2	22.616	10.805	25.5	25.064	8.7	19.945	2.221	0.267	6.9	2.237	4.2	1.594	0.643	22.0	1.718
249058.2	843552.8	86.3	22.795	10.851	25.5	25.246	8.6	20.090	2.255	0.277	7.0	2.272	4.0	1.608	0.616	21.0	1.722
249057.7	843552.0	86.4	22.995	10.903	25.4	25.449	8.5	20.252	2.290	0.288	7.2	2.308	3.9	1.641	0.587	19.7	1.743
249057.1	843551.2	86.6	23.328	11.005	25.3	25.794	8.3	20.526	2.327	0.301	7.4	2.347	3.8	1.812	0.541	16.6	1.891
249056.5	843550.4	86.7	23.504	11.047	25.2	25.970	8.2	20.666	2.362	0.312	7.5	2.382	3.6	1.815	0.516	15.9	1.887
249055.9	843549.6	86.8	23.778	11.125	25.1	26.251	8.0	20.890	2.399	0.324	7.7	2.421	3.6	1.919	0.478	14.0	1.977
249055.3	843548.7	86.9	23.870	11.135	25.0	26.340	8.0	20.960	2.433	0.333	7.8	2.456	3.3	1.827	0.467	14.3	1.885
249054.7	843547.9	86.9	23.962	11.144	24.9	26.426	7.9	21.029	2.467	0.343	7.9	2.491	3.1	1.729	0.457	14.8	1.788
249054.2	843547.1	87.0	24.106	11.173	24.9	26.569	7.8	21.143	2.503	0.354	8.0	2.528	2.9	1.682	0.441	14.7	1.739
249053.6	843546.3	87.2	24.424	11.263	24.8	26.896	7.6	21.403	2.543	0.367	8.2	2.570	2.9	1.820	0.399	12.4	1.863
249053.0	843545.5	87.4	24.804	11.375	24.6	27.288	7.4	21.715	2.585	0.380	8.4	2.613	2.8	2.021	0.347	9.7	2.050
249052.4	843544.7	87.5	25.104	11.457	24.5	27.594	7.3	21.959	2.626	0.393	8.5	2.656	2.7	2.129	0.308	8.2	2.151
249051.8	843543.9	87.6	25.321	11.508	24.4	27.814	7.2	22.134	2.667	0.405	8.6	2.697	2.6	2.144	0.283	7.5	2.162
249051.2	843543.1	87.7	25.539	11.559	24.4	28.033	7.1	22.308	2.708	0.417	8.8	2.740	2.5	2.152	0.260	6.9	2.168
249050.7	843542.2	87.9	25.846	11.640	24.2	28.347	6.9	22.558	2.752	0.430	8.9	2.786	2.4	2.252	0.222	5.6	2.263
249050.1	843541.4	88.1	26.235	11.748	24.1	28.745	6.8	22.874	2.799	0.444	9.0	2.834	2.4	2.433	0.170	4.0	2.439
249049.5	843540.6	88.2	26.464	11.800	24.0	28.976	6.6	23.058	2.844	0.456	9.1	2.880	2.3	2.436	0.147	3.5	2.440
249048.9	843539.8	88.2	26.553	11.805	24.0	29.059	6.6	23.124	2.887	0.467	9.2	2.925	2.1	2.278	0.150	3.8	2.283
249048.3	843539.0	88.3	26.692	11.825	23.9	29.194	6.5	23.232	2.933	0.479	9.3	2.971	2.0	2.166	0.147	3.9	2.171
249047.7	843538.2	88.5	27.047	11.918	23.8	29.557	6.3	23.520	2.983	0.492	9.4	3.024	2.0	2.285	0.104	2.6	2.287
249047.2	843537.4	88.7	27.426	12.017	23.7	29.944	6.2	23.828	3.035	0.506	9.5	3.077	1.9	2.423	0.057	1.4	2.424
249046.6	843536.6	88.8	27.710	12.083	23.6	30.229	6.1	24.056	3.087	0.519	9.5	3.130	1.9	2.449	0.029	0.7	2.449
249046.0	843535.7	88.9	27.836	12.098	23.5	30.351	6.0	24.153	3.137	0.531	9.6	3.181	1.8	2.295	0.032	0.8	2.296
249045.4	843534.9	88.9	27.960	12.112	23.4	30.471	5.9	24.248	3.188	0.543	9.7	3.234	1.7	2.132	0.037	1.0	2.132
249044.8	843534.1	89.1	28.366	12.215	23.3	30.885	5.8	24.577	3.244	0.556	9.7	3.291	1.6	2.277	-0.013	-0.3	2.277
249044.2	843533.3	89.2	28.534	12.242	23.2	31.049	5.7	24.708	3.298	0.568	9.8	3.346	1.6	2.151	-0.015	-0.4	2.151
249043.7	843532.5	89.4	29.011	12.365	23.1	31.536	5.5	25.096	3.356	0.582	9.8	3.406	1.6	2.367	-0.078	-1.9	2.369
249043.1	843531.7	89.6	29.403	12.459	23.0	31.934	5.4	25.412	3.414	0.595	9.9	3.465	1.5	2.485	-0.124	-2.9	2.488
249042.5	843530.9	89.7	29.755	12.540	22.9	32.290	5.3	25.695	3.471	0.608	9.9	3.524	1.5	2.555	-0.161	-3.6	2.560
249041.9	843530.1	90.1	30.684	12.793	22.6	33.244	5.0	26.455	3.539	0.623	10.0	3.593	1.6	3.258	-0.313	-5.5	3.273
249041.3	843529.2	90.3	31.393	12.975	22.5	33.969	4.8	27.032	3.603	0.638	10.0	3.659	1.6	3.709	-0.419	-6.4	3.733
249040.7	843528.4	90.5	31.947	13.108	22.3	34.531	4.6	27.479	3.665	0.651	10.1	3.722	1.6	3.989	-0.495	-7.1	4.019
249040.2	843527.6	90.7	32.381	13.205	22.2	34.970	4.5	27.828	3.724	0.663	10.1	3.783	1.6	4.141	-0.547	-7.5	4.177
249039.6	843526.8	90.9	32.823	13.302	22.1	35.416	4.4	28.183	3.784	0.675	10.1	3.843	1.6	4.301	-0.601	-8.0	4.343
249039.0	843526.0	91.0	33.273	13.400	21.9	35.870	4.3	28.545	3.843	0.687	10.1	3.904	1.6	4.469	-0.655	-8.3	4.517
249038.4	843525.2	91.2	33.731	13.498	21.8	36.332	4.1	28.912	3.902	0.699	10.2	3.964	1.5	4.646	-0.711	-8.7	4.700
249037.8	843524.4	91.3	34.198	13.598	21.7	36.802	4.0	29.286	3.961	0.710	10.2	4.025	1.5	4.833	-0.767	-9.0	4.894
249037.2	843523.6	91.5	34.573	13.670	21.6	37.178	3.9	29.585	4.018	0.721	10.2	4.082	1.5	4.927	-0.806	-9.3	4.993
249036.7	843522.8	91.6	34.865	13.720	21.5	37.467	3.8	29.815	4.073	0.732	10.2	4.138	1.5	4.938	-0.829	-9.5	5.007
249036.1	843521.9	91.7	35.177	13.774	21.4	37.777	3.7	30.062	4.127	0.742	10.2	4.193	1.4	4.972	-0.855	-9.8	5.045
249035.5	843521.1	91.8	35.515	13.834	21.3	38.114	3.7	30.330	4.182	0.753	10.2	4.249	1.4	5.035	-0.886	-10.0	5.113
249034.9	843520.3	91.9	35.792	13.878	21.2	38.388	3.6	30.548	4.235	0.763	10.2	4.303	1.4	5.039	-0.905	-10.2	5.120
249034.3	843519.5	92.0	36.016	13.907	21.1	38.607	3.5	30.723	4.287	0.772	10.2	4.356	1.3	4.991	-0.914	-10.4	5.074
249033.7	843518.7	92.1	36.150	13.913	21.0	38.735	3.5	30.825	4.336	0.781	10.2	4.406	1.3	4.855	-0.906	-10.6	4.939
249033.2	843517.9	92.2	36.481	13.969	21.0	39.065	3.4	31.087	4.390	0.791	10.2	4.460	1.2	4.924	-0.936	-10.8	5.012
249032.6	843517.1	92.4	36.816	14.025	20.9	39.397	3.4	31.351	4.443	0.800	10.2	4.515	1.2	5.000	-0.965	-10.9	5.092
249032.0	843516.3	92.5	37.184	14.089	20.8	39.764	3.3	31.643	4.497	0.809	10.2	4.570	1.2	5.114	-1.001	-11.1	5.211
249031.4	843515.4	92.7	37.709	14.192	20.6	40.291	3.2	32.063	4.555	0.819	10.2	4.628	1.3	5.391	-1.067	-11.2	5.496
249030.8	843514.6	92.7	37.942	14.220	20.5	40.520	3.1	32.245	4.606	0.827	10.2	4.680	1.2	5.375	-1.078	-11.3	5.482
249030.2	843513.8	92.8	38.088	14.227	20.5	40.659	3.1	32.355	4.655	0.835	10.2	4.729	1.2	5.274	-1.074	-11.5	5.382
249029.7	843513.0	92.9	38.246	14.237	20.4	40.810	3.1	32.476	4.704	0.843	10.2	4.779	1.2	5.190	-1.072	-11.7	5.299
249029.1	843512.2	93.0	38.504	14.272	20.3	41.064	3.0	32.678	4.754	0.851	10.1	4.830	1.1	5.214	-1.089	-11.8	5.327
249028.5	843511.4	93.1	38.763	14.306	20.3	41.318	3.0	32.880	4.804	0.859	10.1	4.880	1.1	5.246	-1.107	-11.9	5.362
249027.9	843510.6	93.2	39.066	14.350	20.2	41.618	2.9	33.118	4.853	0.866	10.1	4.930	1.1	5.332	-1.133	-12.0	5.451
249027.3	843509.8	93.3	39.454	14.419	20.1	42.006	2.9	33.427	4.903	0.875	10.1	4.980	1.1	5.500	-1.221	-12.5	5.634
249026.7	843508.9	93.6	40.276	14.583	19.9	42.835	2.7	34.087	4.962	0.884	10.1	5.040	1.2	6.123	-1.341	-12.4	6.268
249026.2	843508.1	93.7	40.493	14.605	19.8	43.047	2.7	34.255	5.003	0.891	10.1	5.082	1.1	6.153	-1.353	-12.4	6.300
249025.6	843507.3	93.7	40.692	14.623	19.8	43.240	2.7	34.409	5.042	0.897	10.1	5.121	1.1	6.179	-1.361	-12.4	6.327
249025.0	843506.5	93.8	40.890	14.640	19.7	43.432	2.6	34.562	5.078	0.904	10.1	5.158	1.1	6.216	-1.370	-12.4	6.365
249024.4	843505.7	93.9	41.087	14.657	19.6	43.623	2.6	34.714	5.112	0.910	10.1	5.192	1.1	6.266	-1.378	-12.4	6.416
249023.8	843504.9	94.1	41.575	14.739	19.5	44.110	2.6	35.102	5.151	0.917	10.1	5.232	1.1	6.615	-1.438	-12.3	6.769
249023.2	843504.1	94.2	41.915	14.787	19.4	44.447	2.5	35.370	5.184	0.923	10.1	5.265	1.1	6.829	-1.472	-12.2	6.986
249022.7	843503.3	94.1	41.105	14.579	19.5	43.614	2.6	34.707	5.183	0.927	10.1	5.266	0.9	5.934	-1.305	-12.4	6.076
249022.1	843502.4	93.9	39.953	14.292	19.7	42.433	2.8	33.767	5.178	0.930	10.2	5.261	0.6	4.670	-1.069	-12.9	4.791
249021.5	843501.6	94.2	41.105	14.526	19.5	43.596	2.7	34.693	5.222	0.938	10.2	5.305	0.8	5.759	-1.256	-12.3	5.895
249020.9	843500.8	94.2	41.092	14.497	19.4	43.574	2.7	34.675	5.239	0.944	10.2	5.323	0.8	5.674	-1.230	-12.2	5.805
249020.3	843500.0	94.3	41.154	14.485	19.4	43.629	2.7	34.719	5.257	0.949	10.2	5.342	0.8	5.672	-1.218	-12.1	5.801
249019.7	843499.2	94.4	41.295	14.490	19.3	43.763	2.7	34.826	5.276	0.954	10.3	5.361	0.8	5.755	-1.220	-12.0	5.883
249019.2	843498.4	94.5	41.562	14.523	19.3	44.026	2.6	35.035	5.298	0.960	10.3	5.384	0.9	5.968	-1.246	-11.8	6.097
249018.6	843497.6	94.5	41.526	14.490	19.2	43.982	2.7	35.000	5.312	0.965	10.3	5.399	0.9	5.884	-1.217	-11.7	6.009
249018.0	843496.8	94.6	41.404	14.438	19.2	43.849	2.7	34.894	5.325	0.969	10.3	5.412	0.9	5.715	-1.174	-11.6	5.834
249017.4	843495.9	94.6	41.288	14.389	19.2	43.724	2.7	34.794	5.338	0.974	10.3	5.426	0.8	5.553	-1.132	-11.5	5.667
249016.8	843495.1	94.6	41.170	14.338	19.2	43.595	2.7	34.692	5.352	0.979	10.4	5.441	0.8	5.385	-1.090	-11.4	5.494
249016.2	843494.3	94.7	41.040	14.286	19.2	43.456	2.8	34.581	5.368	0.983	10.4	5.457	0.8	5.203	-1.046	-11.4	5.307
249015.7	843493.5	94.7	40.883	14.228	19.2	43.288	2.8	34.448	5.384	0.987	10.4	5.474	0.8	4.987	-0.997	-11.3	5.085
249015.1	843492.7	94.7	40.715	14.168	19.2	43.110	2.8	34.306	5.402	0.991	10.4	5.492	0.8	4.753	-0.947	-11.3	4.846
249014.5	843491.9	94.8	40.604	14.121	19.2	42.989	2.8	34.210	5.423	0.995	10.4	5.514	0.8	4.570	-0.908	-11.2	4.660
249013.9	843491.1	94.9	40.881	14.159	19.1	43.264	2.8	34.428	5.454	0.999	10.4	5.545	0.9	4.784	-0.944	-11.2	4.876
249013.3	843490.3	95.0	41.133	14.191	19.0	43.512	2.8	34.626	5.486	1.004	10.4	5.577	0.9	4.964	-0.975	-11.1	5.059

249012.7	843489.5	95.1	41.385	14.222	19.0	43.760	2.8	34.823	5.519	1.008	10.3	5.610	1.0	5.137	-1.007	-11.1	5.235
249012.2	843488.6	95.2	41.479	14.220	18.9	43.849	2.8	34.894	5.549	1.011	10.3	5.641	1.0	5.145	-1.011	-11.1	5.244
249011.6	843487.8	95.2	41.415	14.184	18.9	43.777	2.8	34.837	5.577	1.015	10.3	5.668	1.0	4.987	-0.985	-11.2	5.083
249011.0	843487.0	95.4	41.769	14.238	18.8	44.129	2.8	35.117	5.615	1.018	10.3	5.707	1.1	5.248	-1.039	-11.2	5.350
249010.4	843486.2	95.4	41.796	14.222	18.8	44.149	2.8	35.133	5.647	1.022	10.3	5.739	1.1	5.175	-1.033	-11.3	5.277
249009.8	843485.4	95.5	41.601	14.159	18.8	43.945	2.8	34.970	5.675	1.025	10.2	5.766	1.1	4.871	-0.987	-11.5	4.970
249009.2	843484.6	95.4	41.144	14.041	18.8	43.474	2.9	34.595	5.698	1.027	10.2	5.790	1.0	4.288	-0.893	-11.8	4.380
249008.7	843483.8	95.7	41.988	14.198	18.7	44.323	2.8	35.271	5.748	1.030	10.2	5.840	1.1	5.054	-1.045	-11.7	5.160
249008.1	843483.0	95.9	42.763	14.338	18.5	45.103	2.7	35.892	5.797	1.033	10.1	5.889	1.3	5.734	-1.181	-11.6	5.854
249007.5	843482.1	96.0	43.310	14.429	18.4	45.650	2.7	36.328	5.841	1.036	10.1	5.932	1.3	6.181	-1.276	-11.7	6.311
249006.9	843481.3	96.2	43.864	14.521	18.3	46.205	2.7	36.769	5.884	1.038	10.0	5.975	1.4	6.635	-1.372	-11.7	6.776
249006.3	843480.5	96.3	44.068	14.541	18.3	46.405	2.7	36.928	5.914	1.040	10.0	6.005	1.4	6.756	-1.408	-11.8	6.901
249005.7	843479.7	96.3	43.873	14.481	18.3	46.201	2.7	36.766	5.931	1.041	10.0	6.022	1.4	6.501	-1.378	-12.0	6.646
249005.2	843478.9	96.4	43.791	14.444	18.3	46.112	2.7	36.695	5.949	1.042	9.9	6.039	1.3	6.368	-1.369	-12.1	6.513
249004.6	843478.1	96.5	44.115	14.489	18.2	46.434	2.7	36.951	5.974	1.043	9.9	6.064	1.4	6.646	-1.433	-12.2	6.799
249004.0	843477.3	96.7	44.440	14.534	18.1	46.756	2.7	37.207	5.995	1.044	9.9	6.085	1.4	6.940	-1.499	-12.2	7.100
249003.4	843476.5	96.8	44.762	14.578	18.0	47.076	2.7	37.462	6.012	1.044	9.9	6.102	1.5	7.247	-1.566	-12.2	7.414
249002.8	843475.6	96.9	44.919	14.589	18.0	47.228	2.7	37.583	6.021	1.044	9.8	6.111	1.5	7.414	-1.607	-12.2	7.586
249002.2	843474.8	97.0	45.052	14.595	18.0	47.357	2.7	37.685	6.025	1.044	9.8	6.114	1.5	7.579	-1.646	-12.3	7.755
249001.7	843474.0	97.0	45.016	14.570	17.9	47.315	2.7	37.652	6.019	1.043	9.8	6.108	1.5	7.605	-1.661	-12.3	7.784
249001.1	843473.2	97.1	44.763	14.501	18.0	47.053	2.8	37.444	6.002	1.042	9.8	6.092	1.4	7.444	-1.642	-12.4	7.623
249000.5	843472.4	97.1	44.506	14.432	18.0	46.787	2.8	37.232	5.982	1.040	9.9	6.071	1.4	7.299	-1.624	-12.5	7.478
248999.9	843471.6	97.2	44.245	14.363	18.0	46.518	2.9	37.018	5.958	1.038	9.9	6.048	1.3	7.171	-1.609	-12.6	7.349
248999.3	843470.8	97.2	44.109	14.319	18.0	46.375	2.9	36.904	5.935	1.036	9.9	6.025	1.3	7.180	-1.616	-12.7	7.360
248998.7	843470.0	97.3	44.175	14.314	18.0	46.436	2.9	36.952	5.915	1.034	9.9	6.005	1.4	7.401	-1.660	-12.6	7.585
248998.2	843469.1	97.3	43.898	14.242	18.0	46.150	2.9	36.725	5.883	1.031	9.9	5.972	1.3	7.310	-1.649	-12.7	7.493
248997.6	843468.3	97.3	43.212	14.089	18.1	45.451	3.0	36.169	5.836	1.027	10.0	5.925	1.2	6.835	-1.569	-12.9	7.012
248997.0	843467.5	97.3	42.846	14.000	18.1	45.076	3.0	35.870	5.796	1.023	10.0	5.886	1.2	6.684	-1.546	-13.0	6.861
248996.4	843466.7	97.4	42.944	14.003	18.1	45.169	3.1	35.944	5.768	1.020	10.0	5.857	1.2	7.003	-1.604	-12.9	7.185
248995.8	843465.9	97.4	42.476	13.893	18.1	44.690	3.1	35.563	5.720	1.016	10.1	5.810	1.2	6.778	-1.566	-13.0	6.957
248995.2	843465.1	97.6	42.621	13.907	18.1	44.832	3.1	35.677	5.690	1.012	10.1	5.779	1.3	7.169	-1.635	-12.9	7.353
248994.7	843464.3	97.7	42.732	13.913	18.0	44.939	3.1	35.762	5.657	1.008	10.1	5.746	1.3	7.530	-1.699	-12.7	7.720
248994.1	843463.5	97.7	42.286	13.809	18.1	44.483	3.2	35.399	5.606	1.004	10.2	5.695	1.3	7.358	-1.668	-12.8	7.545
248993.5	843462.6	97.6	41.523	13.640	18.2	43.706	3.2	34.780	5.544	0.999	10.2	5.633	1.2	6.876	-1.580	-12.9	7.055
248992.9	843461.8	97.6	40.865	13.491	18.3	43.035	3.3	34.246	5.486	0.994	10.3	5.575	1.1	6.491	-1.510	-13.1	6.665
248992.3	843461.0	97.6	40.568	13.416	18.3	42.729	3.3	34.002	5.439	0.990	10.3	5.529	1.1	6.468	-1.503	-13.1	6.640
248991.7	843460.2	97.7	40.269	13.340	18.3	42.422	3.3	33.758	5.394	0.985	10.3	5.483	1.1	6.440	-1.495	-13.1	6.612
248991.2	843459.4	97.7	40.087	13.288	18.3	42.232	3.3	33.607	5.353	0.981	10.4	5.442	1.2	6.526	-1.508	-13.0	6.698
248990.6	843458.6	97.8	40.017	13.260	18.3	42.157	3.4	33.548	5.318	0.977	10.4	5.407	1.2	6.720	-1.541	-12.9	6.894
248990.0	843457.8	97.8	39.560	13.152	18.4	41.689	3.4	33.175	5.272	0.972	10.5	5.360	1.2	6.512	-1.501	-13.0	6.683
248989.4	843457.0	97.8	39.245	13.073	18.4	41.365	3.4	32.918	5.232	0.968	10.5	5.321	1.2	6.438	-1.485	-13.0	6.607
248988.8	843456.1	97.9	39.013	13.012	18.4	41.126	3.4	32.727	5.197	0.965	10.5	5.286	1.2	6.436	-1.483	-13.0	6.605
248988.2	843455.3	97.9	38.715	12.936	18.5	40.819	3.5	32.483	5.162	0.961	10.5	5.251	1.2	6.353	-1.466	-13.0	6.519
248987.7	843454.5	97.9	38.317	12.840	18.5	40.411	3.5	32.158	5.127	0.958	10.6	5.216	1.2	6.149	-1.427	-13.1	6.313
248987.1	843453.7	98.0	37.891	12.737	18.6	39.974	3.5	31.810	5.095	0.955	10.6	5.184	1.1	5.897	-1.380	-13.2	6.056
248986.5	843452.9	98.0	37.463	12.633	18.6	39.536	3.6	31.462	5.066	0.952	10.6	5.155	1.1	5.621	-1.330	-13.3	5.776
248985.9	843452.1	98.0	37.156	12.555	18.7	39.220	3.6	31.211	5.045	0.950	10.7	5.133	1.1	5.450	-1.299	-13.4	5.603
248985.3	843451.3	98.1	37.102	12.532	18.7	39.162	3.6	31.164	5.035	0.948	10.7	5.124	1.1	5.526	-1.317	-13.4	5.680
248984.7	843450.5	98.2	37.331	12.570	18.6	39.390	3.6	31.346	5.039	0.947	10.6	5.127	1.2	5.877	-1.388	-13.3	6.039
248984.2	843449.7	98.4	37.491	12.593	18.6	39.549	3.6	31.472	5.044	0.946	10.6	5.132	1.3	6.132	-1.442	-13.2	6.299
248983.6	843448.8	98.4	37.179	12.515	18.6	39.229	3.6	31.217	5.037	0.945	10.6	5.125	1.2	5.872	-1.401	-13.4	6.037
248983.0	843448.0	98.5	36.912	12.446	18.6	38.953	3.6	30.998	5.035	0.945	10.6	5.123	1.2	5.636	-1.366	-13.6	5.799
248982.4	843447.2	98.6	37.031	12.462	18.6	39.071	3.6	31.092	5.048	0.945	10.6	5.136	1.3	5.787	-1.406	-13.7	5.955
248981.8	843446.4	98.8	37.570	12.567	18.5	39.616	3.6	31.525	5.078	0.946	10.5	5.166	1.4	6.357	-1.525	-13.5	6.537
248981.2	843445.6	99.0	37.988	12.645	18.4	40.038	3.6	31.861	5.107	0.947	10.5	5.194	1.5	6.774	-1.617	-13.4	6.965
248980.7	843444.8	99.2	38.404	12.722	18.3	40.456	3.6	32.194	5.139	0.948	10.5	5.226	1.6	7.167	-1.705	-13.4	7.367
248980.1	843444.0	99.3	38.514	12.735	18.3	40.565	3.6	32.280	5.161	0.949	10.4	5.248	1.6	7.235	-1.735	-13.5	7.440
248979.5	843443.2	99.3	38.134	12.645	18.3	40.176	3.7	31.971	5.167	0.949	10.4	5.254	1.5	6.795	-1.671	-13.8	6.997
248978.9	843442.3	99.4	37.968	12.601	18.4	40.005	3.7	31.835	5.184	0.950	10.4	5.270	1.5	6.558	-1.646	-14.1	6.761
248978.3	843441.5	99.6	38.398	12.682	18.3	40.438	3.7	32.180	5.221	0.951	10.3	5.307	1.5	6.921	-1.734	-14.1	7.135
248977.7	843440.7	99.7	38.405	12.674	18.3	40.443	3.7	32.183	5.244	0.952	10.3	5.330	1.5	6.847	-1.743	-14.3	7.065
248977.2	843439.9	99.8	38.471	12.678	18.2	40.506	3.7	32.234	5.268	0.952	10.2	5.354	1.5	6.829	-1.762	-14.5	7.053
248976.6	843439.1	100.0	38.701	12.717	18.2	40.737	3.7	32.417	5.297	0.953	10.2	5.382	1.5	6.981	-1.813	-14.6	7.212
248976.0	843438.3	100.3	39.462	12.866	18.1	41.507	3.7	33.030	5.340	0.954	10.1	5.425	1.6	7.669	-1.961	-14.3	7.916
248975.4	843437.5	100.5	40.086	12.984	17.9	42.136	3.7	33.531	5.377	0.954	10.1	5.461	1.7	8.216	-2.082	-14.2	8.476
248974.8	843436.7	100.6	39.925	12.943	18.0	41.971	3.7	33.399	5.382	0.954	10.0	5.466	1.6	8.007	-2.064	-14.5	8.269
248974.2	843435.8	100.7	40.204	12.991	17.9	42.251	3.8	33.622	5.398	0.953	10.0	5.481	1.6	8.242	-2.126	-14.5	8.512
248973.7	843435.0	100.9	40.302	13.003	17.9	42.348	3.8	33.699	5.402	0.953	10.0	5.486	1.6	8.319	-2.156	-14.5	8.594
248973.1	843434.2	101.0	40.396	13.013	17.9	42.441	3.8	33.773	5.402	0.952	10.0	5.485	1.6	8.410	-2.188	-14.6	8.690
248972.5	843433.4	101.2	40.908	13.108	17.8	42.957	3.8	34.184	5.411	0.952	10.0	5.494	1.7	8.923	-2.292	-14.4	9.213
248971.9	843432.6	101.4	41.295	13.178	17.7	43.346	3.8	34.494	5.413	0.951	10.0	5.496	1.8	9.331	-2.376	-14.3	9.629
248971.3	843431.8	101.4	40.608	13.033	17.8	42.649	3.8	33.939	5.370	0.948	10.0	5.453	1.6	8.742	-2.281	-14.6	9.035
248970.7	843431.0	101.4	40.122	12.927	17.9	42.153	3.9	33.545	5.332	0.946	10.1	5.415	1.5	8.355	-2.220	-14.9	8.645
248970.2	843430.2	101.5	39.710	12.835	17.9	41.733	3.9	33.210	5.294	0.943	10.1	5.377	1.4	8.055	-2.173	-15.1	8.343
248969.6	843429.3	101.5	39.264	12.736	18.0	41.278	3.9	32.848	5.253	0.940	10.1	5.336	1.4	7.736	-2.122	-15.3	8.021
248969.0	843428.5	101.6	39.097	12.695	18.0	41.107	3.9	32.712	5.219	0.936	10.2	5.303	1.4	7.710	-2.122	-15.4	7.996
248968.4	843427.7	101.7	38.890	12.645	18.0	40.894	3.9	32.543	5.183	0.933	10.2	5.266	1.4	7.659	-2.118	-15.5	7.946
248967.8	843426.9	101.8	38.650	12.588	18.0	40.648	3.9	32.347	5.144	0.928	10.2	5.227	1.3	7.590	-2.110	-15.5	7.877
248967.2	843426.1	101.9	38.784	12.610	18.0	40.783	3.9	32.454	5.116	0.925	10.2	5.199	1.4	7.910	-2.171	-15.4	8.202
248966.7	843425.3	102.0	38.770	12.600	18.0	40.766	3.9	32.441	5.083	0.920	10.3	5.165	1.5	8.093	-2.208	-15.3	8.389
248966.1	843424.5	102.1	38.248	12.485	18.1	40.234	3.9	32.017	5.030	0.915	10.3	5.112	1.4	7.782	-2.156	-15.5	8.075
248965.5	843423.7	102.1	38.061	12.465	18.1	40.050	3.9	31.871	4.994	0.913	10.4	5.076	1.4	7.619	-2.106	-15.5	7.904
248964.9	843422.8	102.2	37.531	12.347	18.2	39.509	3.9	31.441	4.939	0.908	10.4	5.021	1.3	7.315	-2.053	-15.7	7.597
248964.3	843422.0	102.2	37.183	12.267	18.3	39.155	3.9	31.158	4.889	0.902	10.5	4.971	1.3	7.205	-2.036	-15.8	7.487
248963.7	843421.2	102.3	36.953	12.213	18.3	38.919	3.9	30.971	4.842	0.896	10.5	4.925	1.3	7.223	-2.041	-15.8	7.506
248963.2	843420.4	102.4	36.839	12.183	18.3	38.801	3.9	30.877	4.800	0.891	10.5	4.881	1.4	7.368	-2.070	-15.7	7.653
248962.6	843419.6	102.6	37.130	12.240	18.2	39.095	3.9	31.111	4.771	0.886	10.5	4.853	1.5	7.930	-2.177	-15.3	8.224

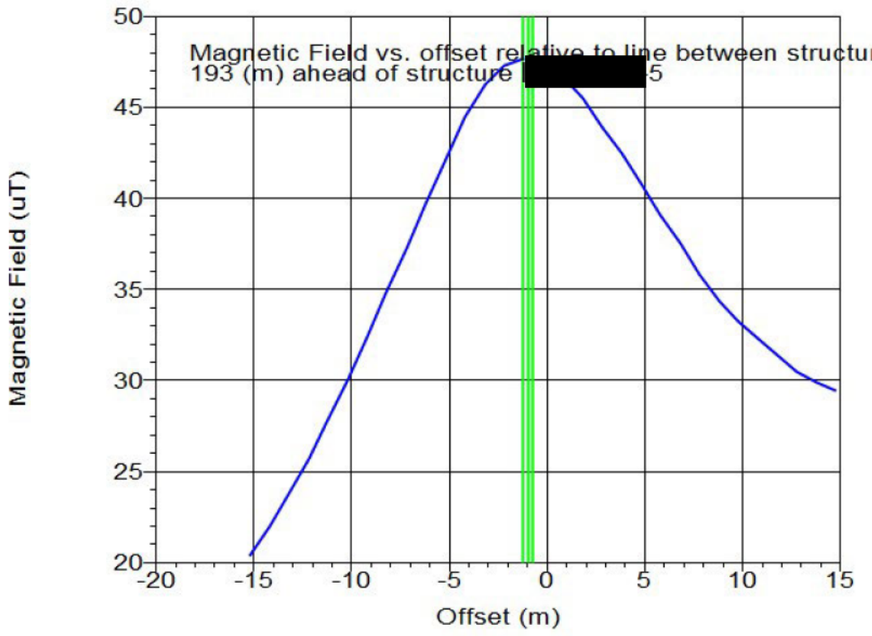
248962.0	843418.8	102.6	36.786	12.161	18.3	38.744	3.9	30.831	4.720	0.880	10.6	4.802	1.5	7.853	-2.165	-15.4	8.146
248961.4	843418.0	102.7	36.291	12.049	18.4	38.239	3.9	30.430	4.664	0.873	10.6	4.745	1.5	7.627	-2.125	-15.6	7.917
248960.8	843417.2	102.7	35.805	11.938	18.4	37.743	3.9	30.035	4.608	0.866	10.6	4.689	1.4	7.409	-2.087	-15.7	7.697
248960.2	843416.3	102.8	35.545	11.877	18.5	37.477	3.9	29.823	4.561	0.860	10.7	4.641	1.4	7.426	-2.093	-15.7	7.715
248959.7	843415.5	102.8	35.272	11.812	18.5	37.197	3.9	29.600	4.513	0.853	10.7	4.593	1.4	7.432	-2.096	-15.8	7.722
248959.1	843414.7	102.8	34.684	11.676	18.6	36.596	3.9	29.123	4.454	0.846	10.8	4.533	1.4	7.109	-2.038	-16.0	7.395
248958.5	843413.9	102.9	34.367	11.601	18.7	36.272	3.9	28.865	4.404	0.840	10.8	4.484	1.4	7.070	-2.033	-16.0	7.356
248957.9	843413.1	103.0	34.263	11.573	18.7	36.165	3.9	28.779	4.363	0.834	10.8	4.442	1.4	7.256	-2.070	-15.9	7.546
248957.3	843412.3	103.1	33.905	11.488	18.7	35.799	3.9	28.488	4.313	0.827	10.9	4.391	1.4	7.173	-2.057	-16.0	7.462
248956.7	843411.5	103.1	33.534	11.399	18.8	35.418	3.9	28.185	4.263	0.820	10.9	4.341	1.4	7.073	-2.040	-16.1	7.361
248956.2	843410.7	103.2	33.166	11.311	18.8	35.042	3.9	27.885	4.214	0.814	10.9	4.292	1.4	6.972	-2.023	-16.2	7.260
248955.6	843409.9	103.2	32.802	11.223	18.9	34.669	3.8	27.589	4.166	0.807	11.0	4.243	1.4	6.871	-2.007	-16.3	7.158
248955.0	843409.0	103.3	32.428	11.132	18.9	34.286	3.8	27.284	4.119	0.800	11.0	4.196	1.4	6.754	-1.988	-16.4	7.040
248954.4	843408.2	103.3	32.108	11.054	19.0	33.958	3.8	27.023	4.075	0.794	11.0	4.152	1.4	6.689	-1.979	-16.5	6.975
248953.8	843407.4	103.4	31.724	10.960	19.1	33.564	3.8	26.710	4.031	0.787	11.1	4.107	1.4	6.546	-1.956	-16.6	6.832
248953.2	843406.6	103.4	31.316	10.859	19.1	33.145	3.8	26.376	3.987	0.781	11.1	4.063	1.3	6.369	-1.926	-16.8	6.653
248952.7	843405.8	103.4	30.913	10.760	19.2	32.732	3.7	26.048	3.944	0.774	11.1	4.020	1.3	6.188	-1.897	-17.0	6.472
248952.1	843405.0	103.4	30.419	10.637	19.3	32.226	3.7	25.644	3.901	0.767	11.1	3.975	1.2	5.895	-1.845	-17.4	6.177
248951.5	843404.2	103.5	30.090	10.554	19.3	31.888	3.7	25.375	3.863	0.761	11.1	3.937	1.2	5.780	-1.829	-17.6	6.062
248950.9	843403.4	103.5	29.833	10.488	19.4	31.623	3.7	25.165	3.829	0.755	11.2	3.903	1.2	5.740	-1.829	-17.7	6.025
248950.3	843402.5	103.6	29.577	10.422	19.4	31.360	3.6	24.955	3.795	0.749	11.2	3.869	1.2	5.696	-1.827	-17.8	5.982
248949.7	843401.7	103.7	29.369	10.367	19.4	31.145	3.6	24.785	3.764	0.744	11.2	3.837	1.2	5.701	-1.836	-17.8	5.989
248949.2	843400.9	103.8	29.235	10.331	19.5	31.007	3.6	24.674	3.735	0.738	11.2	3.808	1.2	5.788	-1.860	-17.8	6.079
248948.6	843400.1	103.9	29.109	10.297	19.5	30.876	3.6	24.571	3.707	0.733	11.2	3.779	1.2	5.878	-1.886	-17.8	6.174
248948.0	843399.3	103.9	28.749	10.205	19.5	30.507	3.6	24.276	3.673	0.727	11.2	3.744	1.2	5.692	-1.857	-18.1	5.987
248947.4	843398.5	104.0	28.547	10.151	19.6	30.298	3.5	24.110	3.644	0.722	11.2	3.714	1.2	5.684	-1.863	-18.1	5.982
248946.8	843397.7	104.1	28.345	10.098	19.6	30.090	3.5	23.944	3.614	0.717	11.2	3.685	1.2	5.673	-1.868	-18.2	5.973
248946.2	843396.9	104.2	28.133	10.042	19.6	29.871	3.5	23.771	3.585	0.711	11.2	3.655	1.2	5.646	-1.870	-18.3	5.948
248945.7	843396.0	104.3	27.943	9.991	19.7	29.675	3.5	23.615	3.557	0.706	11.2	3.626	1.2	5.641	-1.876	-18.4	5.945
248945.1	843395.2	104.4	27.685	9.923	19.7	29.410	3.5	23.404	3.527	0.701	11.2	3.596	1.1	5.552	-1.865	-18.6	5.857
248944.5	843394.4	104.4	27.374	9.840	19.8	29.089	3.4	23.148	3.496	0.696	11.3	3.564	1.1	5.393	-1.840	-18.8	5.699
248943.9	843393.6	104.5	27.139	9.778	19.8	28.847	3.4	22.955	3.467	0.691	11.3	3.535	1.1	5.323	-1.832	-19.0	5.629
248943.3	843392.8	104.6	26.946	9.725	19.8	28.647	3.4	22.797	3.440	0.686	11.3	3.507	1.1	5.299	-1.833	-19.1	5.607
248942.7	843392.0	104.6	26.691	9.657	19.9	28.385	3.3	22.588	3.411	0.681	11.3	3.478	1.0	5.197	-1.818	-19.3	5.506
248942.2	843391.2	104.7	26.431	9.587	19.9	28.116	3.3	22.374	3.382	0.676	11.3	3.449	1.0	5.083	-1.800	-19.5	5.392
248941.6	843390.4	104.7	26.150	9.511	20.0	27.826	3.3	22.143	3.353	0.671	11.3	3.419	0.9	4.938	-1.776	-19.8	5.248
248941.0	843389.5	104.8	25.854	9.430	20.0	27.520	3.2	21.900	3.324	0.666	11.3	3.390	0.9	4.771	-1.746	-20.1	5.080
248940.4	843388.7	104.9	25.729	9.395	20.1	27.390	3.2	21.797	3.299	0.661	11.3	3.364	0.9	4.812	-1.758	-20.1	5.123
248939.8	843387.9	105.0	25.460	9.322	20.1	27.113	3.2	21.576	3.271	0.656	11.3	3.336	0.9	4.669	-1.733	-20.4	4.980
248939.2	843387.1	105.0	25.151	9.237	20.2	26.793	3.1	21.321	3.242	0.651	11.4	3.307	0.8	4.467	-1.696	-20.8	4.778
248938.7	843386.3	105.1	25.000	9.194	20.2	26.637	3.1	21.197	3.218	0.647	11.4	3.282	0.8	4.464	-1.698	-20.8	4.776
248938.1	843385.5	105.2	24.838	9.149	20.2	26.470	3.1	21.064	3.193	0.643	11.4	3.257	0.8	4.440	-1.695	-20.9	4.753
248937.5	843384.7	105.3	24.668	9.101	20.3	26.293	3.1	20.923	3.169	0.638	11.4	3.233	0.8	4.399	-1.689	-21.0	4.712
248936.9	843383.9	105.4	24.518	9.058	20.3	26.138	3.0	20.800	3.146	0.634	11.4	3.209	0.8	4.378	-1.687	-21.1	4.692
248936.3	843383.0	105.5	24.325	9.004	20.3	25.938	3.0	20.641	3.123	0.630	11.4	3.186	0.8	4.294	-1.671	-21.3	4.608
248935.7	843382.2	105.5	24.073	8.933	20.4	25.677	3.0	20.433	3.099	0.626	11.4	3.162	0.8	4.123	-1.638	-21.7	4.436
248935.2	843381.4	105.6	23.822	8.862	20.4	25.417	2.9	20.226	3.076	0.622	11.4	3.139	0.7	3.945	-1.604	-22.1	4.258
248934.6	843380.6	105.7	23.611	8.802	20.4	25.198	2.9	20.052	3.056	0.618	11.4	3.118	0.7	3.807	-1.578	-22.5	4.121
248934.0	843379.8	105.9	23.692	8.823	20.4	25.282	2.9	20.119	3.043	0.615	11.4	3.104	0.8	4.047	-1.628	-21.9	4.362
248933.4	843379.0	106.1	23.748	8.838	20.4	25.340	2.9	20.165	3.031	0.612	11.4	3.092	0.8	4.241	-1.669	-21.5	4.558
248932.8	843378.2	106.2	23.490	8.756	20.4	25.069	2.7	19.949	3.005	0.601	11.3	3.064	0.8	4.240	-1.768	-22.6	4.594
248932.2	843377.4	106.2	23.278	8.696	20.5	24.849	2.7	19.775	2.989	0.597	11.3	3.048	0.8	4.061	-1.735	-23.1	4.416
248931.7	843376.6	106.4	23.296	8.700	20.5	24.867	2.7	19.789	2.979	0.594	11.3	3.038	0.8	4.171	-1.759	-22.9	4.527
248931.1	843375.7	106.6	23.249	8.685	20.5	24.818	2.6	19.750	2.970	0.591	11.3	3.028	0.8	4.183	-1.764	-22.9	4.540
248930.5	843374.9	106.7	23.181	8.666	20.5	24.748	2.6	19.693	2.961	0.589	11.2	3.019	0.8	4.154	-1.761	-23.0	4.512
248929.9	843374.1	107.0	23.399	8.726	20.5	24.973	2.6	19.873	2.960	0.587	11.2	3.017	0.9	4.484	-1.829	-22.2	4.842
248929.3	843373.3	107.2	23.453	8.741	20.4	25.029	2.6	19.917	2.956	0.586	11.2	3.013	0.9	4.584	-1.851	-22.0	4.944
248928.7	843372.5	107.3	23.370	8.717	20.5	24.942	2.6	19.848	2.950	0.584	11.2	3.007	0.9	4.495	-1.835	-22.2	4.855
248928.2	843371.7	107.4	23.283	8.692	20.5	24.853	2.6	19.777	2.944	0.582	11.2	3.001	0.8	4.386	-1.815	-22.5	4.747
248927.6	843370.9	107.6	23.302	8.697	20.5	24.872	2.6	19.793	2.943	0.580	11.2	3.000	0.8	4.396	-1.819	-22.5	4.758
248927.0	843370.1	107.8	23.330	8.705	20.5	24.901	2.6	19.816	2.944	0.580	11.1	3.001	0.8	4.401	-1.821	-22.5	4.763
248926.4	843369.2	108.0	23.271	8.688	20.5	24.840	2.5	19.767	2.944	0.579	11.1	3.000	0.8	4.276	-1.799	-22.8	4.639
248925.8	843368.4	108.2	23.408	8.726	20.4	24.982	2.5	19.880	2.951	0.579	11.1	3.007	0.8	4.382	-1.822	-22.6	4.746
248925.2	843367.6	108.5	23.567	8.771	20.4	25.147	2.6	20.011	2.961	0.579	11.1	3.017	0.9	4.495	-1.846	-22.3	4.859
248924.7	843366.8	108.7	23.726	8.816	20.4	25.311	2.6	20.142	2.972	0.580	11.0	3.029	0.9	4.585	-1.867	-22.2	4.950
248924.1	843366.0	109.0	23.923	8.872	20.3	25.515	2.6	20.304	2.987	0.581	11.0	3.043	0.9	4.700	-1.894	-21.9	5.067
248923.5	843365.2	109.3	24.233	8.959	20.3	25.836	2.6	20.559	3.008	0.583	11.0	3.064	0.9	4.930	-1.943	-21.5	5.299
248922.9	843364.4	109.7	24.643	9.074	20.2	26.260	2.7	20.897	3.033	0.585	10.9	3.089	1.0	5.253	-2.011	-21.0	5.625
248922.3	843363.6	110.0	25.030	9.182	20.1	26.661	2.7	21.216	3.060	0.588	10.9	3.115	1.0	5.524	-2.070	-20.5	5.899
248921.7	843362.7	110.3	25.401	9.285	20.1	27.045	2.8	21.522	3.087	0.591	10.8	3.143	1.0	5.751	-2.119	-20.2	6.129
248921.2	843361.9	110.8	26.033	9.460	20.0	27.699	2.9	22.042	3.124	0.595	10.8	3.180	1.1	6.250	-2.222	-19.6	6.633
248920.6	843361.1	111.2	26.570	9.608	19.9	28.254	3.0	22.484	3.158	0.600	10.7	3.215	1.2	6.613	-2.298	-19.2	7.001
248920.0	843360.3	111.3	26.551	9.604	19.9	28.234	3.0	22.468	3.174	0.601	10.7	3.230	1.1	6.353	-2.251	-19.5	6.740
248919.4	843359.5	111.8	27.228	9.789	19.8	28.934	3.1	23.025	3.214	0.606	10.7	3.270	1.2	6.833	-2.349	-19.0	7.226
248918.8	843358.7	112.1	27.707	9.920	19.7	29.430	3.2	23.419	3.246	0.611	10.7	3.303	1.2	7.081	-2.400	-18.7	7.477
248918.2	843357.9	112.7	28.793	10.212	19.5	30.551	3.4	24.311	3.302	0.619	10.6	3.360	1.4	7.928	-2.567	-17.9	8.333
248917.7	843357.1	112.9	28.813	10.221	19.5	30.572	3.4	24.329	3.317	0.621	10.6	3.374	1.3	7.680	-2.520	-18.2	8.083
248917.1	843356.2	113.0	28.701	10.194	19.6	30.458	3.4	24.237	3.326	0.623	10.6	3.384	1.2	7.291	-2.446	-18.5	7.690
248916.5	843355.4	113.3	28.834	10.233	19.5	30.596	3.4	24.347	3.344	0.626	10.6	3.402	1.1	7.143	-2.418	-18.7	7.541
248915.9	843354.6	113.5	28.994	10.279	19.5	30.763	3.4	24.480	3.363	0.629	10.6	3.421	1.1	7.019	-2.394	-18.8	7.416
248915.3	843353.8	113.8	29.257	10.353	19.5	31.034	3.5	24.696	3.384	0.633	10.6	3.442	1.0	6.995	-2.388	-18.8	7.391
248914.7	843353.0	114.1	29.608	10.450	19.4	31.398	3.5	24.986	3.407	0.638	10.6	3.466	1.0	7.057	-2.398	-18.8	7.453
248914.2	843352.2	114.5	30.015	10.562	19.4	31.819	3.6	25.321	3.431	0.643	10.6	3.491	1.1	7.171	-2.417	-18.6	7.567
248913.6	843351.4	114.8	30.418	10.673	19.3	32.236	3.7	25.653	3.454	0.648	10.6	3.514	1.1	7.277	-2.435	-18.5	7.673
248913.0	843350.6	115.1	30.952	10.819	19.3	32.788	3.9	26.092	3.480	0.654	10.6	3.541	1.2	7.507	-2.476	-18.3	7.904
248912.4	843349.7	115.5	31.529	10.977	19.2	33.385	4.0	26.567	3.507	0.660	10.7	3.568	1.3	7.772	-2.524	-18.0	8.172
248911.8	843348.9	115.9	32.039	11.117	19.1	33.913	4.1	26.987	3.530	0.665	10.7	3.592	1.3	7.971	-2.559	-17.8	8.372

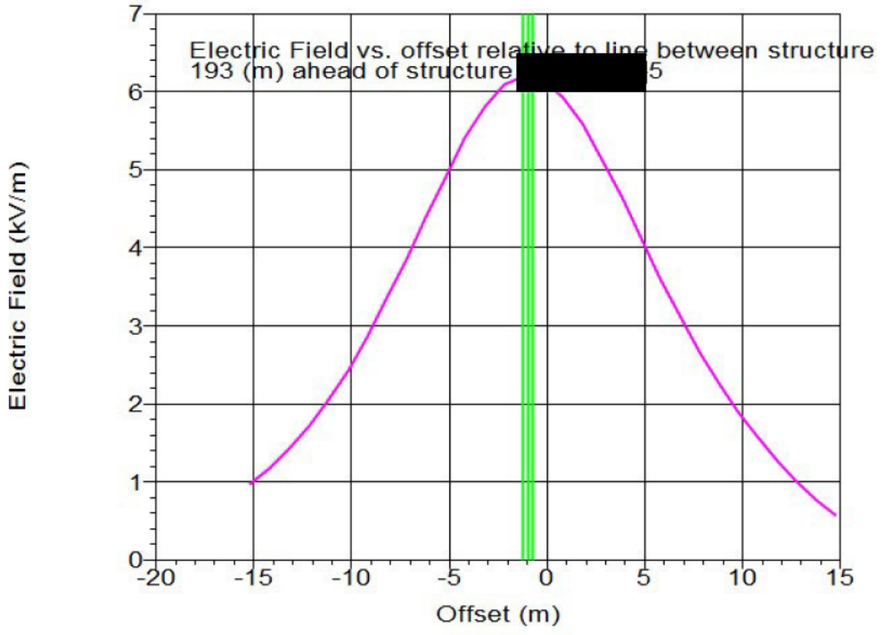
248911.2	843348.1	116.2	32.556	11.258	19.1	34.448	4.3	27.413	3.553	0.670	10.7	3.615	1.4	8.174	-2.595	-17.6	8.576
248910.7	843347.3	116.6	33.052	11.395	19.0	34.961	4.4	27.821	3.573	0.676	10.7	3.637	1.5	8.356	-2.628	-17.5	8.760
248910.1	843346.5	116.8	33.295	11.466	19.0	35.214	4.5	28.023	3.583	0.679	10.7	3.647	1.5	8.316	-2.617	-17.5	8.718
248909.5	843345.7	117.1	33.336	11.485	19.0	35.259	4.5	28.058	3.585	0.681	10.8	3.649	1.5	8.102	-2.573	-17.6	8.500
248908.9	843344.9	117.4	33.710	11.591	19.0	35.647	4.6	28.367	3.597	0.685	10.8	3.662	1.5	8.194	-2.590	-17.5	8.594
248908.3	843344.1	117.8	34.539	11.817	18.9	36.504	4.8	29.049	3.624	0.691	10.8	3.689	1.7	8.692	-2.687	-17.2	9.098
248907.7	843343.2	118.2	35.374	12.045	18.8	37.368	5.0	29.737	3.649	0.697	10.8	3.715	2.0	9.190	-2.786	-16.9	9.604
248907.2	843342.4	118.5	35.545	12.100	18.8	37.548	5.1	29.880	3.647	0.699	10.8	3.713	2.0	9.139	-2.775	-16.9	9.551
248906.6	843341.6	118.7	35.320	12.052	18.8	37.320	5.1	29.698	3.629	0.697	10.9	3.695	1.8	8.774	-2.700	-17.1	9.180
248906.0	843340.8	118.9	35.337	12.068	18.9	37.341	5.1	29.715	3.617	0.697	10.9	3.684	1.8	8.631	-2.670	-17.2	9.034
248905.4	843340.0	119.2	35.637	12.158	18.8	37.654	5.2	29.964	3.613	0.699	10.9	3.679	1.8	8.750	-2.690	-17.1	9.154
248904.8	843339.2	119.5	35.902	12.241	18.8	37.931	5.3	30.185	3.604	0.699	11.0	3.671	1.9	8.863	-2.709	-17.0	9.267
248904.2	843338.4	119.8	36.473	12.405	18.8	38.525	5.5	30.657	3.604	0.702	11.0	3.672	2.0	9.251	-2.782	-16.7	9.661
248903.7	843337.6	120.1	36.614	12.456	18.8	38.674	5.5	30.776	3.586	0.702	11.1	3.654	2.0	9.309	-2.786	-16.7	9.717
248903.1	843336.8	120.2	36.107	12.333	18.9	38.155	5.4	30.363	3.545	0.696	11.1	3.612	1.8	8.864	-2.686	-16.9	9.262
248902.5	843335.9	120.3	35.602	12.211	18.9	37.638	5.3	29.951	3.502	0.690	11.1	3.569	1.6	8.440	-2.588	-17.0	8.828
248901.9	843335.1	120.3	35.077	12.081	19.0	37.099	5.2	29.523	3.457	0.684	11.2	3.524	1.4	8.020	-2.490	-17.2	8.398
248901.3	843334.3	120.4	34.500	11.936	19.1	36.506	5.0	29.051	3.411	0.677	11.2	3.477	1.2	7.574	-2.384	-17.5	7.940
248900.7	843333.5	120.5	33.908	11.786	19.2	35.898	4.9	28.567	3.363	0.669	11.3	3.429	1.0	7.133	-2.278	-17.7	7.488
248900.2	843332.7	120.5	33.377	11.652	19.2	35.352	4.7	28.132	3.317	0.662	11.3	3.382	0.9	6.765	-2.185	-17.9	7.109
248899.6	843331.9	120.6	32.811	11.506	19.3	34.770	4.6	27.669	3.269	0.654	11.3	3.334	0.7	6.383	-2.088	-18.1	6.716
248899.0	843331.1	120.7	32.326	11.382	19.4	34.271	4.4	27.272	3.223	0.647	11.3	3.287	0.6	6.096	-2.009	-18.2	6.418
248898.4	843330.3	120.8	32.025	11.309	19.4	33.963	4.4	27.027	3.182	0.640	11.4	3.245	0.5	6.003	-1.968	-18.2	6.317
248897.8	843329.4	120.9	31.594	11.198	19.5	33.520	4.2	26.674	3.137	0.633	11.4	3.200	0.5	5.805	-1.906	-18.2	6.110
248897.2	843328.6	120.9	30.941	11.024	19.6	32.847	4.1	26.139	3.087	0.623	11.4	3.149	0.3	5.405	-1.804	-18.5	5.698
248896.7	843327.8	121.0	30.667	10.956	19.7	32.565	4.0	25.914	3.046	0.616	11.4	3.108	0.3	5.391	-1.779	-18.3	5.677
248896.1	843327.0	121.1	30.159	10.820	19.7	32.042	3.8	25.498	3.001	0.607	11.4	3.062	0.3	5.160	-1.711	-18.3	5.437
248895.5	843326.2	121.1	29.681	10.693	19.8	31.549	3.7	25.106	2.956	0.598	11.4	3.016	0.2	4.970	-1.652	-18.4	5.237
248894.9	843325.4	121.1	29.003	10.506	19.9	30.847	3.5	24.547	2.908	0.588	11.4	2.967	0.2	4.579	-1.554	-18.7	4.836
248894.3	843324.6	121.3	28.861	10.473	19.9	30.703	3.4	24.432	2.871	0.581	11.4	2.929	0.2	4.758	-1.570	-18.3	5.010
248893.7	843323.8	121.5	28.758	10.453	20.0	30.599	3.4	24.350	2.835	0.573	11.4	2.893	0.3	4.986	-1.598	-17.8	5.236
248893.2	843322.9	121.7	28.594	10.414	20.0	30.431	3.4	24.216	2.799	0.565	11.4	2.855	0.4	5.162	-1.616	-17.4	5.409
248892.6	843322.1	121.8	28.345	10.350	20.1	30.176	3.3	24.013	2.761	0.557	11.4	2.816	0.4	5.259	-1.619	-17.1	5.503
248892.0	843321.3	121.9	27.938	10.239	20.1	29.755	3.1	23.678	2.719	0.547	11.4	2.774	0.4	5.199	-1.593	-17.0	5.438
248891.4	843320.5	121.9	27.538	10.129	20.2	29.342	3.0	23.350	2.678	0.538	11.4	2.731	0.4	5.153	-1.570	-16.9	5.387
248890.8	843319.7	122.0	27.146	10.021	20.3	28.936	2.9	23.027	2.637	0.528	11.3	2.689	0.4	5.120	-1.550	-16.8	5.349
248890.2	843318.9	122.1	26.673	9.887	20.3	28.446	2.7	22.637	2.594	0.518	11.3	2.645	0.5	5.004	-1.515	-16.8	5.228
248889.7	843318.1	122.1	26.204	9.754	20.4	27.960	2.6	22.250	2.552	0.508	11.3	2.602	0.5	4.893	-1.483	-16.9	5.113
248889.1	843317.3	122.2	25.800	9.639	20.5	27.542	2.5	21.917	2.511	0.499	11.2	2.560	0.5	4.854	-1.465	-16.8	5.070
248888.5	843316.4	122.2	25.402	9.526	20.6	27.129	2.3	21.589	2.471	0.489	11.2	2.519	0.6	4.820	-1.450	-16.7	5.034
248887.9	843315.6	122.3	24.968	9.401	20.6	26.679	2.2	21.231	2.431	0.479	11.2	2.478	0.6	4.746	-1.428	-16.8	4.956
248887.3	843314.8	122.3	24.571	9.286	20.7	26.267	2.0	20.903	2.392	0.470	11.1	2.438	0.7	4.708	-1.415	-16.7	4.916
248886.7	843314.0	122.3	24.138	9.159	20.8	25.817	1.9	20.545	2.354	0.460	11.1	2.398	0.7	4.625	-1.394	-16.8	4.831
248886.2	843313.2	122.3	23.592	8.996	20.9	25.249	1.7	20.092	2.313	0.450	11.0	2.356	0.8	4.405	-1.349	-17.0	4.607
248885.6	843312.4	122.2	22.983	8.812	21.0	24.614	1.6	19.587	2.272	0.439	10.9	2.314	0.8	4.098	-1.288	-17.5	4.295
248885.0	843311.6	122.2	22.519	8.672	21.1	24.131	1.4	19.203	2.235	0.430	10.9	2.276	0.9	3.949	-1.260	-17.7	4.145
248884.4	843310.8	122.3	22.199	8.577	21.1	23.798	1.4	18.938	2.203	0.421	10.8	2.243	1.0	3.963	-1.264	-17.7	4.160
248883.8	843309.9	122.3	21.681	8.418	21.2	23.258	1.2	18.508	2.167	0.411	10.8	2.206	1.0	3.726	-1.222	-18.2	3.921
248883.2	843309.1	122.3	21.380	8.327	21.3	22.945	1.2	18.259	2.137	0.403	10.7	2.175	1.1	3.744	-1.229	-18.2	3.941
248882.7	843308.3	122.4	21.127	8.251	21.3	22.681	1.1	18.049	2.110	0.396	10.6	2.146	1.2	3.812	-1.247	-18.1	4.010
248882.1	843307.5	122.5	20.948	8.200	21.4	22.496	1.1	17.902	2.085	0.389	10.6	2.121	1.3	3.964	-1.281	-17.9	4.165
248881.5	843306.7	122.6	20.601	8.093	21.4	22.133	1.1	17.613	2.057	0.381	10.5	2.092	1.3	3.895	-1.275	-18.1	4.098
248880.9	843305.9	122.6	20.317	8.006	21.5	21.837	1.1	17.378	2.031	0.373	10.4	2.065	1.4	3.896	-1.282	-18.2	4.102
248880.3	843305.1	122.7	19.969	7.897	21.6	21.473	1.1	17.088	2.004	0.365	10.3	2.037	1.5	3.804	-1.274	-18.5	4.012
248879.7	843304.3	122.7	19.635	7.792	21.6	21.125	1.1	16.811	1.978	0.358	10.3	2.010	1.5	3.721	-1.268	-18.8	3.931
248879.2	843303.4	122.7	19.310	7.690	21.7	20.785	1.2	16.540	1.953	0.351	10.2	1.984	1.6	3.637	-1.262	-19.1	3.850
248878.6	843302.6	122.8	19.028	7.601	21.8	20.490	1.3	16.305	1.929	0.344	10.1	1.960	1.7	3.600	-1.264	-19.3	3.816
248878.0	843301.8	122.8	18.751	7.514	21.8	20.200	1.3	16.075	1.906	0.337	10.0	1.936	1.7	3.562	-1.267	-19.6	3.781
248877.4	843301.0	122.9	18.463	7.422	21.9	19.899	1.4	15.835	1.883	0.331	10.0	1.912	1.8	3.500	-1.265	-19.9	3.722
248876.8	843300.2	122.9	18.136	7.316	22.0	19.556	1.5	15.562	1.860	0.324	9.9	1.888	1.9	3.374	-1.252	-20.4	3.599
248876.2	843299.4	122.9	17.880	7.234	22.0	19.288	1.6	15.349	1.838	0.318	9.8	1.865	1.9	3.339	-1.255	-20.6	3.567
248875.7	843298.6	123.0	17.661	7.164	22.1	19.059	1.7	15.166	1.817	0.312	9.8	1.844	2.0	3.347	-1.265	-20.7	3.578
248875.1	843297.8	123.0	17.367	7.068	22.1	18.750	1.8	14.921	1.795	0.306	9.7	1.821	2.1	3.242	-1.255	-21.2	3.476
248874.5	843297.0	123.0	17.078	6.973	22.2	18.447	1.9	14.679	1.774	0.301	9.6	1.799	2.1	3.136	-1.244	-21.6	3.374
248873.9	843296.1	123.2	17.004	6.952	22.2	18.370	2.0	14.618	1.757	0.297	9.6	1.782	2.2	3.335	-1.284	-21.1	3.573
248873.3	843295.3	123.4	16.920	6.928	22.3	18.284	2.0	14.550	1.740	0.293	9.6	1.764	2.3	3.516	-1.319	-20.6	3.755
248872.7	843294.5	123.5	16.810	6.895	22.3	18.169	2.1	14.459	1.722	0.289	9.5	1.747	2.4	3.653	-1.346	-20.2	3.893
248872.2	843293.7	123.7	16.683	6.855	22.3	18.036	2.2	14.353	1.705	0.286	9.5	1.729	2.5	3.762	-1.368	-20.0	4.003
248871.6	843292.9	123.7	16.428	6.770	22.4	17.768	2.3	14.140	1.684	0.281	9.5	1.708	2.6	3.682	-1.358	-20.2	3.924
248871.0	843292.1	123.7	16.165	6.682	22.5	17.491	2.4	13.919	1.664	0.276	9.4	1.687	2.6	3.583	-1.345	-20.6	3.827
248870.4	843291.3	123.9	16.094	6.662	22.5	17.418	2.5	13.861	1.648	0.273	9.4	1.670	2.7	3.763	-1.375	-20.1	4.006
248869.8	843290.5	124.1	16.004	6.635	22.5	17.325	2.6	13.787	1.632	0.270	9.4	1.654	2.8	3.912	-1.400	-19.7	4.155
248869.2	843289.6	124.1	15.739	6.545	22.6	17.045	2.7	13.564	1.612	0.265	9.3	1.633	2.9	3.797	-1.382	-20.0	4.040
248868.7	843288.8	124.1	15.479	6.456	22.6	16.771	2.8	13.346	1.592	0.260	9.3	1.613	2.9	3.683	-1.365	-20.3	3.928
248868.1	843288.0	124.1	15.193	6.358	22.7	16.470	3.0	13.106	1.571	0.255	9.2	1.592	3.0	3.524	-1.339	-20.8	3.770
248867.5	843287.2	124.1	14.956	6.276	22.8	16.220	3.1	12.907	1.552	0.251	9.2	1.572	3.0	3.432	-1.324	-21.1	3.678
248866.9	843286.4	124.2	14.797	6.223	22.8	16.053	3.2	12.774	1.535	0.247	9.1	1.555	3.1	3.457	-1.327	-21.0	3.702
248866.3	843285.6	124.2	14.549	6.137	22.9	15.790	3.4	12.566	1.516	0.243	9.1	1.535	3.1	3.336	-1.306	-21.4	3.583
248865.7	843284.8	124.2	14.307	6.052	22.9	15.534	3.5	12.362	1.497	0.238	9.0	1.516	3.1	3.218	-1.286	-21.8	3.466
248865.2	843284.0	124.3	14.119	5.987	23.0	15.336	3.6	12.204	1.480	0.235	9.0	1.499	3.2	3.182	-1.278	-21.9	3.429
248864.6	843283.1	124.4	14.030	5.958	23.0	15.243	3.7	12.130	1.465	0.232	9.0	1.484	3.3	3.304	-1.294	-21.4	3.548
248864.0	843282.3	124.4	13.816	5.883	23.1	15.016	3.9	11.950	1.448	0.228	9.0	1.466	3.3	3.217	-1.277	-21.7	3.461
248863.4	843281.5	124.5	13.643	5.822	23.1	14.833	4.0	11.804	1.432	0.225	8.9	1.449	3.4	3.193	-1.270	-21.7	3.436
248862.8	843280.7	124.6	13.480	5.765	23.2	14.662	4.1	11.667	1.416	0.221	8.9	1.433	3.4	3.183	-1.265	-21.7	3.425
248862.2	843279.9	124.6	13.318	5.708	23.2	14.490	4.2	11.531	1.400	0.218	8.9	1.417	3.5	3.168	-1.258	-21.7	3.409
248861.7	843279.1	124.7	13.131	5.642	23.3	14.292	4.4	11.373	1.384	0.214	8.8	1.400	3.5	3.109	-1.245	-21.8	3.349
248861.1	843278.3	124.7	12.944	5.575	23.3	14.093	4.5	11.215	1.368	0.211	8.8	1.384	3.6	3.043	-1.231	-22.0	3.282

248860.5	843277.5	124.7	12.741	5.502	23.4	13.878	4.7	11.044	1.351	0.207	8.7	1.367	3.6	2.946	-1.212	-22.4	3.185
248859.9	843276.6	124.7	12.574	5.441	23.4	13.701	4.8	10.903	1.336	0.204	8.7	1.351	3.7	2.906	-1.201	-22.4	3.144
248859.3	843275.8	124.8	12.402	5.380	23.4	13.519	5.0	10.758	1.321	0.200	8.6	1.336	3.7	2.855	-1.188	-22.6	3.093
248858.7	843275.0	124.8	12.234	5.319	23.5	13.340	5.1	10.616	1.305	0.197	8.6	1.320	3.7	2.807	-1.175	-22.7	3.043
248858.2	843274.2	124.8	12.062	5.256	23.5	13.158	5.3	10.471	1.290	0.193	8.5	1.304	3.8	2.748	-1.161	-22.9	2.983
248857.6	843273.4	124.8	11.887	5.192	23.6	12.971	5.4	10.322	1.274	0.190	8.5	1.289	3.8	2.677	-1.144	-23.1	2.911
248857.0	843272.6	124.9	11.719	5.130	23.6	12.793	5.6	10.180	1.259	0.187	8.4	1.273	3.8	2.618	-1.129	-23.3	2.851
248856.4	843271.8	124.8	11.522	5.057	23.7	12.582	5.7	10.013	1.243	0.183	8.4	1.257	3.8	2.496	-1.105	-23.9	2.730
248855.8	843271.0	124.8	11.331	4.986	23.7	12.379	5.9	9.851	1.228	0.179	8.3	1.241	3.8	2.383	-1.082	-24.4	2.617
248855.2	843270.1	124.8	11.146	4.916	23.8	12.182	6.1	9.694	1.212	0.175	8.2	1.225	3.8	2.274	-1.060	-25.0	2.509
248854.7	843269.3	124.8	10.998	4.861	23.8	12.024	6.2	9.568	1.197	0.172	8.2	1.209	3.9	2.235	-1.047	-25.1	2.468
248854.1	843268.5	124.9	10.879	4.818	23.9	11.898	6.3	9.468	1.182	0.170	8.2	1.195	4.0	2.252	-1.040	-24.8	2.481
248853.5	843267.7	124.9	10.754	4.772	23.9	11.765	6.5	9.363	1.168	0.167	8.1	1.180	4.0	2.254	-1.031	-24.6	2.479
248852.9	843266.9	124.9	10.566	4.701	24.0	11.564	6.6	9.203	1.152	0.163	8.1	1.163	4.0	2.121	-1.005	-25.3	2.347
248852.3	843266.1	125.0	10.481	4.671	24.0	11.475	6.7	9.132	1.138	0.161	8.0	1.149	4.1	2.199	-1.005	-24.6	2.418
248851.7	843265.3	125.1	10.400	4.643	24.1	11.389	6.8	9.063	1.123	0.159	8.0	1.134	4.2	2.281	-1.005	-23.8	2.492
248851.2	843264.5	125.0	10.228	4.577	24.1	11.206	7.0	8.917	1.108	0.155	8.0	1.118	4.2	2.170	-0.980	-24.3	2.381
248850.6	843263.6	124.9	10.032	4.501	24.2	10.996	7.1	8.750	1.092	0.151	7.9	1.102	4.1	1.999	-0.947	-25.4	2.212
248850.0	843262.8	125.1	10.008	4.496	24.2	10.971	7.1	8.731	1.078	0.150	7.9	1.088	4.3	2.192	-0.960	-23.7	2.393
248849.4	843262.0	125.2	9.920	4.465	24.2	10.878	7.2	8.657	1.063	0.147	7.9	1.074	4.4	2.245	-0.955	-23.0	2.440
248848.8	843261.2	125.3	9.816	4.427	24.3	10.768	7.3	8.569	1.049	0.145	7.9	1.059	4.5	2.260	-0.944	-22.7	2.449
248848.2	843260.4	125.3	9.694	4.382	24.3	10.638	7.3	8.465	1.034	0.142	7.8	1.043	4.5	2.230	-0.928	-22.6	2.415
248847.7	843259.6	125.3	9.589	4.343	24.4	10.526	7.4	8.377	1.019	0.139	7.8	1.028	4.6	2.233	-0.915	-22.3	2.413
248847.1	843258.8	125.4	9.489	4.307	24.4	10.420	7.4	8.292	1.004	0.137	7.8	1.013	4.6	2.242	-0.903	-21.9	2.417
248846.5	843258.0	125.4	9.392	4.271	24.5	10.317	7.4	8.210	0.989	0.134	7.7	0.998	4.7	2.252	-0.890	-21.6	2.422
248845.9	843257.2	125.4	9.274	4.227	24.5	10.191	7.4	8.110	0.974	0.131	7.7	0.982	4.7	2.211	-0.872	-21.5	2.376

Max BF along centerline is 47.357 (uT) at 193.000 (m) from structure [redacted]-5

Cross section results at max BF along centerline between structures [redacted]-5 and [redacted]-6T





3D EMF Point Results Span from [redacted]/[redacted]-5 to [redacted]-6T:

Measurement			B					H	EF					Space Potential			
X (m)	Y (m)	Z (m)	Real (uT)	Imaginary (uT)	Angle (deg)	Magnitude (uT)	Polarization Axial Ratio %	Magnitude (A/m)	Real (kV/m)	Imaginary (kV/m)	Angle (deg)	Magnitude (kV/m)	Polarization Axial Ratio %	Real (kV)	Imaginary (kV)	Angle (deg)	Magnitude (kV)
249014.6	843466.0	98.0	18.471	8.624	25.0	20.386	20.1	16.222	0.809	0.522	32.8	0.962	12.5	2.582	-1.535	-30.7	3.004
249013.8	843466.5	97.9	20.055	9.106	24.4	22.025	19.8	17.527	1.016	0.588	30.1	1.174	11.0	2.998	-1.656	-28.9	3.425
249013.0	843467.1	97.9	21.789	9.602	23.8	23.811	19.4	18.949	1.261	0.657	27.5	1.422	9.8	3.466	-1.773	-27.1	3.893
249012.1	843467.7	97.8	23.686	10.110	23.1	25.753	18.8	20.494	1.551	0.726	25.1	1.712	8.8	3.992	-1.883	-25.3	4.414
249011.3	843468.3	97.8	25.749	10.624	22.4	27.854	18.2	22.166	1.888	0.794	22.8	2.048	7.9	4.576	-1.984	-23.4	4.987
249010.5	843468.9	97.7	27.960	11.134	21.7	30.095	17.4	23.949	2.275	0.859	20.7	2.432	7.1	5.202	-2.066	-21.7	5.597
249009.7	843469.5	97.7	30.257	11.620	21.0	32.411	16.4	25.792	2.713	0.918	18.7	2.864	6.3	5.817	-2.111	-19.9	6.188
249008.9	843470.0	97.6	32.698	12.105	20.3	34.867	15.2	27.746	3.199	0.969	16.9	3.342	5.5	6.482	-2.148	-18.3	6.829
249008.1	843470.6	97.5	35.067	12.534	19.7	37.240	14.0	29.635	3.719	1.011	15.2	3.854	4.7	7.023	-2.129	-16.9	7.338
249007.3	843471.2	97.4	37.508	12.963	19.1	39.685	12.6	31.580	4.262	1.042	13.7	4.388	4.1	7.604	-2.114	-15.5	7.892
249006.5	843471.8	97.4	39.942	13.384	18.5	42.125	11.1	33.522	4.802	1.063	12.5	4.918	3.5	8.206	-2.103	-14.4	8.471
249005.6	843472.4	97.4	42.268	13.789	18.1	44.460	9.5	35.381	5.304	1.073	11.4	5.412	3.0	8.802	-2.096	-13.4	9.048
249004.8	843473.0	97.3	44.055	14.111	17.8	46.260	7.9	36.812	5.716	1.074	10.6	5.816	2.5	9.076	-2.040	-12.7	9.302
249004.0	843473.5	97.2	45.089	14.333	17.6	47.313	6.2	37.650	5.993	1.069	10.1	6.087	2.0	8.913	-1.934	-12.2	9.121
249003.2	843474.1	97.1	45.439	14.486	17.7	47.692	4.6	37.952	6.108	1.059	9.8	6.200	1.7	8.436	-1.807	-12.1	8.627
249002.4	843474.7	97.0	45.172	14.582	17.9	47.468	3.0	37.774	6.055	1.047	9.8	6.145	1.5	7.738	-1.673	-12.2	7.917
249001.6	843475.3	96.9	44.368	14.630	18.2	46.718	1.6	37.177	5.842	1.030	10.0	5.932	1.4	6.895	-1.537	-12.6	7.064
249000.8	843475.9	96.8	43.127	14.631	18.7	45.542	1.0	36.241	5.495	1.009	10.4	5.587	1.3	5.974	-1.397	-13.2	6.135
249000.0	843476.5	96.6	41.498	14.576	19.4	43.983	1.7	35.001	5.050	0.982	11.0	5.144	1.2	4.964	-1.237	-14.0	5.116
248999.1	843477.0	96.6	39.882	14.535	20.0	42.448	2.7	33.779	4.550	0.947	11.8	4.648	1.2	4.202	-1.114	-14.8	4.348
248998.3	843477.6	96.5	38.146	14.462	20.8	40.795	3.7	32.464	4.028	0.903	12.6	4.128	1.1	3.485	-0.983	-15.8	3.621
248997.5	843478.2	96.4	36.404	14.374	21.5	39.139	4.6	31.146	3.512	0.850	13.6	3.613	1.0	2.860	-0.854	-16.6	2.984
248996.7	843478.8	96.3	34.719	14.279	22.4	37.541	5.3	29.874	3.021	0.789	14.6	3.123	0.9	2.332	-0.726	-17.3	2.442
248995.9	843479.4	96.1	32.963	14.125	23.2	35.862	5.8	28.538	2.567	0.721	15.7	2.667	1.0	1.719	-0.553	-17.8	1.806
248995.1	843480.0	95.9	31.359	13.978	24.0	34.334	6.1	27.322	2.157	0.647	16.7	2.252	1.4	1.219	-0.389	-17.7	1.280
248994.3	843480.5	95.9	30.166	13.948	24.8	33.235	6.5	26.447	1.794	0.570	17.6	1.883	1.9	1.060	-0.311	-16.4	1.105
248993.5	843481.1	95.8	29.121	13.947	25.6	32.288	6.8	25.694	1.476	0.491	18.4	1.555	2.5	0.942	-0.240	-14.3	0.972
248992.7	843481.7	95.7	28.106	13.924	26.4	31.366	6.8	24.960	1.195	0.409	18.9	1.263	3.5	0.743	-0.134	-10.2	0.755
248991.8	843482.3	95.6	27.156	13.890	27.1	30.502	6.7	24.273	0.946	0.325	19.0	1.000	4.9	0.507	-0.009	-1.0	0.507
248991.0	843482.9	95.4	26.417	13.926	27.8	29.863	6.6	23.764	0.728	0.243	18.4	0.768	7.3	0.348	0.094	15.1	0.360
248990.2	843483.5	95.3	25.879	14.041	28.5	29.443	6.5	23.430	0.539	0.169	17.4	0.565	11.9	0.234	0.186	38.5	0.299

Centerline results between structures [redacted]-6T and [redacted]/[redacted]-7

3D EMF Point Results Centerline from [redacted]-6T to [redacted]/[redacted]-7:

Measurement			B					H	EF					Space Potential			
X (m)	Y (m)	Z (m)	Real (uT)	Imaginary (uT)	Angle (deg)	Magnitude (uT)	Polarization Axial Ratio %	Magnitude (A/m)	Real (kV/m)	Imaginary (kV/m)	Angle (deg)	Magnitude (kV/m)	Polarization Axial Ratio %	Real (kV)	Imaginary (kV)	Angle (deg)	Magnitude (kV)
248846.2	843257.5	125.4	9.342	4.253	24.5	10.265	7.4	8.168	0.981	0.133	7.7	0.990	4.7	2.258	-0.884	-21.4	2.424

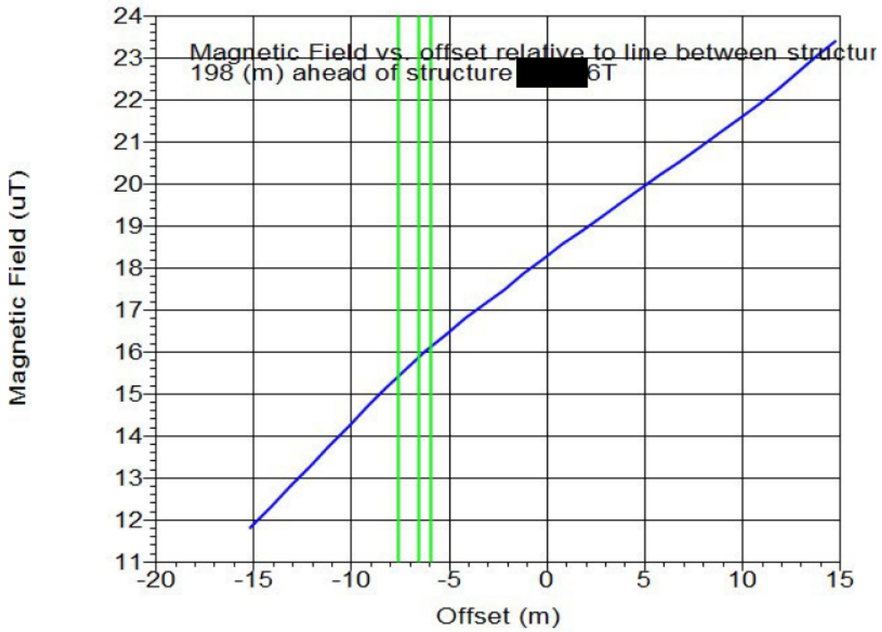
248845.3	843257.0	125.3	9.350	4.251	24.4	10.271	7.5	8.174	0.994	0.136	7.8	1.003	4.5	2.194	-0.881	-21.9	2.365
248844.5	843256.5	125.2	9.358	4.249	24.4	10.278	7.5	8.179	1.006	0.140	7.9	1.016	4.3	2.130	-0.877	-22.4	2.303
248843.6	843256.0	125.1	9.373	4.251	24.4	10.292	7.5	8.190	1.018	0.143	8.0	1.028	4.1	2.079	-0.874	-22.8	2.255
248842.7	843255.5	125.1	9.392	4.254	24.4	10.310	7.5	8.205	1.030	0.147	8.1	1.040	3.9	2.037	-0.871	-23.1	2.216
248841.9	843255.0	125.1	9.444	4.272	24.3	10.365	7.5	8.248	1.041	0.151	8.3	1.052	3.8	2.069	-0.877	-23.0	2.247
248841.0	843254.5	125.1	9.526	4.303	24.3	10.453	7.5	8.318	1.053	0.156	8.4	1.065	3.7	2.170	-0.891	-22.3	2.346
248840.1	843254.0	125.1	9.562	4.315	24.3	10.491	7.4	8.348	1.064	0.160	8.5	1.076	3.6	2.167	-0.891	-22.4	2.343
248839.3	843253.5	125.1	9.619	4.335	24.3	10.551	7.4	8.396	1.075	0.164	8.7	1.088	3.5	2.210	-0.897	-22.1	2.385
248838.4	843253.0	125.1	9.671	4.354	24.2	10.606	7.3	8.440	1.086	0.168	8.8	1.099	3.4	2.241	-0.902	-21.9	2.416
248837.5	843252.5	125.1	9.719	4.371	24.2	10.657	7.2	8.480	1.096	0.172	8.9	1.110	3.3	2.264	-0.904	-21.8	2.438
248836.7	843252.0	125.1	9.763	4.386	24.2	10.703	7.2	8.517	1.106	0.176	9.0	1.120	3.2	2.278	-0.905	-21.7	2.451
248835.8	843251.5	125.1	9.816	4.406	24.2	10.760	7.1	8.562	1.116	0.180	9.2	1.131	3.1	2.314	-0.908	-21.4	2.486
248834.9	843251.0	125.1	9.877	4.430	24.2	10.825	7.0	8.614	1.127	0.184	9.3	1.142	3.0	2.367	-0.915	-21.1	2.538
248834.1	843250.5	125.0	9.922	4.446	24.1	10.873	6.9	8.652	1.136	0.188	9.4	1.152	2.9	2.385	-0.915	-21.0	2.555
248833.2	843250.0	125.1	9.994	4.474	24.1	10.950	6.7	8.713	1.146	0.192	9.5	1.162	2.8	2.462	-0.925	-20.6	2.630
248832.4	843249.5	125.1	10.056	4.498	24.1	11.017	6.6	8.767	1.156	0.196	9.6	1.172	2.7	2.519	-0.932	-20.3	2.686
248831.5	843249.0	125.0	10.048	4.494	24.1	11.007	6.5	8.759	1.164	0.199	9.7	1.181	2.6	2.424	-0.914	-20.7	2.591
248830.6	843248.5	125.0	10.136	4.528	24.1	11.101	6.4	8.834	1.174	0.203	9.8	1.192	2.5	2.537	-0.930	-20.1	2.703
248829.8	843248.0	125.0	10.170	4.541	24.1	11.138	6.3	8.863	1.183	0.207	9.9	1.201	2.4	2.537	-0.927	-20.1	2.701
248828.9	843247.5	125.0	10.234	4.566	24.0	11.206	6.2	8.918	1.192	0.210	10.0	1.211	2.4	2.601	-0.935	-19.8	2.764
248828.0	843247.0	125.0	10.305	4.594	24.0	11.283	6.1	8.979	1.202	0.214	10.1	1.221	2.3	2.683	-0.947	-19.4	2.845
248827.2	843246.5	125.0	10.357	4.614	24.0	11.338	5.9	9.023	1.210	0.218	10.2	1.230	2.2	2.722	-0.951	-19.3	2.884
248826.3	843246.0	124.9	10.339	4.607	24.0	11.319	5.8	9.008	1.218	0.221	10.3	1.238	2.1	2.617	-0.930	-19.6	2.778
248825.4	843245.5	124.7	10.322	4.600	24.0	11.301	5.8	8.993	1.225	0.223	10.3	1.245	2.0	2.513	-0.909	-19.9	2.672
248824.6	843245.0	124.6	10.294	4.589	24.0	11.271	5.7	8.969	1.232	0.226	10.4	1.253	1.9	2.388	-0.884	-20.3	2.546
248823.7	843244.5	124.5	10.296	4.590	24.0	11.273	5.6	8.971	1.239	0.229	10.5	1.260	1.8	2.329	-0.870	-20.5	2.486
248822.8	843244.0	124.4	10.321	4.600	24.0	11.300	5.5	8.992	1.247	0.232	10.6	1.268	1.7	2.321	-0.866	-20.5	2.477
248822.0	843243.5	124.5	10.376	4.622	24.0	11.359	5.4	9.039	1.254	0.235	10.6	1.276	1.7	2.381	-0.874	-20.2	2.536
248821.1	843242.9	124.4	10.429	4.643	24.0	11.416	5.3	9.085	1.262	0.238	10.7	1.284	1.6	2.439	-0.882	-19.9	2.594
248820.3	843242.4	124.4	10.470	4.659	24.0	11.460	5.2	9.119	1.269	0.241	10.8	1.291	1.6	2.472	-0.885	-19.7	2.626
248819.4	843241.9	124.4	10.486	4.666	24.0	11.477	5.1	9.133	1.275	0.244	10.8	1.298	1.5	2.455	-0.880	-19.7	2.608
248818.5	843241.4	124.3	10.501	4.672	24.0	11.494	5.0	9.146	1.281	0.247	10.9	1.304	1.4	2.438	-0.874	-19.7	2.590
248817.7	843240.9	124.2	10.512	4.677	24.0	11.505	4.9	9.155	1.287	0.249	11.0	1.311	1.4	2.414	-0.867	-19.8	2.565
248816.8	843240.4	124.2	10.526	4.682	24.0	11.520	4.8	9.168	1.292	0.252	11.0	1.316	1.3	2.399	-0.862	-19.8	2.550
248815.9	843239.9	124.1	10.545	4.690	24.0	11.541	4.7	9.184	1.297	0.254	11.1	1.322	1.3	2.398	-0.859	-19.7	2.548
248815.1	843239.4	124.0	10.563	4.698	24.0	11.560	4.7	9.199	1.302	0.257	11.1	1.327	1.2	2.399	-0.857	-19.7	2.547
248814.2	843238.9	124.0	10.581	4.705	24.0	11.579	4.6	9.215	1.307	0.259	11.2	1.332	1.2	2.401	-0.856	-19.6	2.548
248813.3	843238.4	123.9	10.598	4.712	24.0	11.598	4.5	9.230	1.311	0.261	11.3	1.337	1.1	2.404	-0.854	-19.6	2.551
248812.5	843237.9	123.9	10.614	4.719	24.0	11.616	4.4	9.244	1.316	0.263	11.3	1.342	1.1	2.409	-0.854	-19.5	2.556
248811.6	843237.4	123.8	10.631	4.726	24.0	11.634	4.4	9.258	1.319	0.265	11.4	1.346	1.0	2.416	-0.853	-19.4	2.562
248810.7	843236.9	123.8	10.646	4.733	24.0	11.651	4.3	9.271	1.323	0.267	11.4	1.350	1.0	2.424	-0.853	-19.4	2.570
248809.9	843236.4	123.7	10.658	4.738	24.0	11.664	4.2	9.282	1.326	0.269	11.5	1.353	0.9	2.427	-0.852	-19.3	2.573
248809.0	843235.9	123.6	10.667	4.742	24.0	11.673	4.2	9.289	1.329	0.271	11.5	1.357	0.9	2.425	-0.850	-19.3	2.570
248808.2	843235.4	123.6	10.672	4.744	24.0	11.679	4.1	9.294	1.332	0.273	11.6	1.359	0.8	2.419	-0.847	-19.3	2.563
248807.3	843234.9	123.5	10.676	4.747	24.0	11.684	4.0	9.298	1.334	0.274	11.6	1.362	0.8	2.412	-0.845	-19.3	2.556
248806.4	843234.4	123.4	10.680	4.749	24.0	11.688	4.0	9.301	1.336	0.276	11.7	1.365	0.7	2.408	-0.842	-19.3	2.551
248805.6	843233.9	123.4	10.683	4.751	24.0	11.692	3.9	9.304	1.338	0.277	11.7	1.367	0.7	2.404	-0.840	-19.3	2.547
248804.7	843233.4	123.3	10.685	4.753	24.0	11.695	3.9	9.306	1.340	0.279	11.7	1.369	0.7	2.402	-0.839	-19.2	2.544
248803.8	843232.9	123.2	10.683	4.753	24.0	11.692	3.8	9.305	1.341	0.280	11.8	1.370	0.6	2.391	-0.835	-19.3	2.533
248803.0	843232.4	123.1	10.678	4.752	24.0	11.687	3.8	9.300	1.342	0.281	11.8	1.371	0.6	2.376	-0.831	-19.3	2.517
248802.1	843231.9	123.1	10.679	4.753	24.0	11.689	3.7	9.302	1.343	0.282	11.9	1.373	0.5	2.377	-0.830	-19.3	2.518
248801.2	843231.4	123.0	10.675	4.753	24.0	11.685	3.6	9.299	1.344	0.283	11.9	1.373	0.5	2.370	-0.828	-19.3	2.510
248800.4	843230.9	122.9	10.669	4.751	24.0	11.679	3.6	9.294	1.344	0.284	11.9	1.374	0.5	2.358	-0.825	-19.3	2.498
248799.5	843230.4	122.8	10.662	4.750	24.0	11.672	3.5	9.288	1.344	0.285	12.0	1.374	0.4	2.348	-0.822	-19.3	2.488
248798.7	843229.9	122.7	10.656	4.749	24.0	11.666	3.5	9.284	1.344	0.286	12.0	1.374	0.4	2.342	-0.820	-19.3	2.482
248797.8	843229.4	122.7	10.650	4.748	24.0	11.660	3.5	9.279	1.344	0.287	12.1	1.374	0.4	2.337	-0.818	-19.3	2.476
248796.9	843228.9	122.6	10.643	4.746	24.0	11.653	3.4	9.274	1.344	0.288	12.1	1.374	0.3	2.332	-0.816	-19.3	2.471
248796.1	843228.4	122.5	10.636	4.745	24.0	11.646	3.4	9.268	1.343	0.289	12.1	1.374	0.3	2.328	-0.815	-19.3	2.467
248795.2	843227.9	122.4	10.628	4.743	24.1	11.639	3.3	9.262	1.342	0.289	12.2	1.373	0.3	2.324	-0.813	-19.3	2.462
248794.3	843227.3	122.3	10.611	4.738	24.1	11.621	3.3	9.248	1.341	0.290	12.2	1.372	0.2	2.302	-0.808	-19.3	2.439
248793.5	843226.8	122.2	10.599	4.735	24.1	11.609	3.2	9.238	1.340	0.290	12.2	1.371	0.2	2.290	-0.804	-19.4	2.427
248792.6	843226.3	122.2	10.586	4.732	24.1	11.596	3.2	9.227	1.339	0.291	12.3	1.370	0.2	2.278	-0.801	-19.4	2.415
248791.7	843225.8	122.1	10.570	4.727	24.1	11.579	3.2	9.214	1.337	0.291	12.3	1.368	0.2	2.261	-0.797	-19.4	2.397
248790.9	843225.3	122.0	10.553	4.722	24.1	11.561	3.1	9.200	1.335	0.291	12.3	1.367	0.1	2.241	-0.792	-19.5	2.376
248790.0	843224.8	121.9	10.535	4.717	24.1	11.543	3.1	9.185	1.334	0.292	12.3	1.365	0.1	2.220	-0.786	-19.5	2.355
248789.1	843224.3	121.8	10.516	4.712	24.1	11.524	3.1	9.170	1.332	0.292	12.4	1.363	0.1	2.200	-0.781	-19.5	2.334
248788.3	843223.8	121.7	10.471	4.696	24.2	11.476	3.1	9.132	1.329	0.292	12.4	1.361	0.1	2.120	-0.763	-19.8	2.253
248787.4	843223.3	121.6	10.447	4.689	24.2	11.451	3.0	9.112	1.327	0.292	12.4	1.359	0.1	2.088	-0.755	-19.9	2.220
248786.6	843222.8	121.5	10.423	4.682	24.2	11.426	3.0	9.092	1.324	0.292	12.4	1.356	0.1	2.055	-0.747	-20.0	2.186
248785.7	843222.3	121.4	10.398	4.674	24.2	11.400	3.0	9.072	1.322	0.292	12.5	1.354	0.1	2.021	-0.738	-20.1	2.152
248784.8	843221.8	121.3	10.373	4.666	24.2	11.374	3.0	9.051	1.319	0.293	12.5	1.351	0.1	1.986	-0.729	-20.2	2.116
248784.0	843221.3	121.2	10.347	4.659	24.2	11.348	2.9	9.030	1.317	0.293	12.5	1.349	0.1	1.951	-0.720	-20.3	2.079
248783.1	843220.8	121.1	10.321	4.651	24.3	11.321	2.9	9.009	1.314	0.293	12.6	1.346	0.2	1.913	-0.710	-20.4	2.041
248782.2	843220.3	121.0	10.295	4.643	24.3	11.294	2.9	8.987	1.311	0.292	12.6	1.343	0.2	1.875	-0.701	-20.5	2.002
248781.4	843219.8	120.9	10.267	4.635	24.3	11.265	2.9	8.964	1.308	0.292	12.6	1.341	0.2	1.833	-0.690	-20.6	1.958
248780.5	843219.3	120.8	10.235	4.624	24.3	11.231	2.9	8.938	1.306	0.292	12.6	1.338	0.2	1.779	-0.676	-20.8	1.904
248779.6	843218.8	120.7	10.203	4.614	24.3	11.197	2.9	8.911	1.303	0.292	12.6	1.335	0.2	1.724	-0.662	-21.0	1.847
248778.8	843218.3	120.6	10.170	4.604	24.4	11.163	2.9	8.884	1.300	0.292	12.7	1.332	0.3	1.668	-0.648	-21.2	1.789
248777.9	843217.8	120.4	10.137	4.594	24.4	11.129	2.9	8.856	1.297	0.292	12.7	1.329	0.3	1.609	-0.633	-21.5	1.729
248777.0	843217.3	120.3	10.103	4.583	24.4	11.094	2.9	8.829	1.294	0.292	12.7	1.327	0.3	1.548	-0.617	-21.7	1.666
248776.2	843216.8	120.2	10.070	4.573	24.4	11.059	2.9	8.801	1.291	0.292	12.7	1.324	0.3	1.484	-0.601	-22.0	1.601
248775.3	843216.3	120.1	10.036	4.562	24.4	11.024	2.9	8.773	1.289	0.292	12.8	1.321	0.3	1.418	-0.584	-22.4	1.534
248774.5	843215.8	120.0	10.001	4.552	24.5	10.988	2.9	8.744	1.286	0.292	12.8	1.319	0.3	1.350	-0.566	-22.8	1.464
248773.6	843215.3	119.9	9.975	4.544	24.5	10.961	2.9	8.723	1.284	0.291	12.8	1.316	0.4	1.297	-0.552	-23.1	1.410
248772.7	843214.8	119.8	9.954	4.539	24.5	10.940	2.9	8.706	1.281	0.291	12.8	1.314	0.4	1.254	-0.540	-23.3	1.365
248771.9	843214.3	119.8	9.932	4.533	24.5	10.918	2.9	8.688	1.279	0.291	12.8	1.312	0.4	1.207	-0.527	-23.6	1.317
248771.0	843213.8	119.7	9.910	4.528	24.6	10.895	2.9	8.670	1.277	0.291	12.8	1.310	0.4	1.157	-0.513	-23.9	1.266

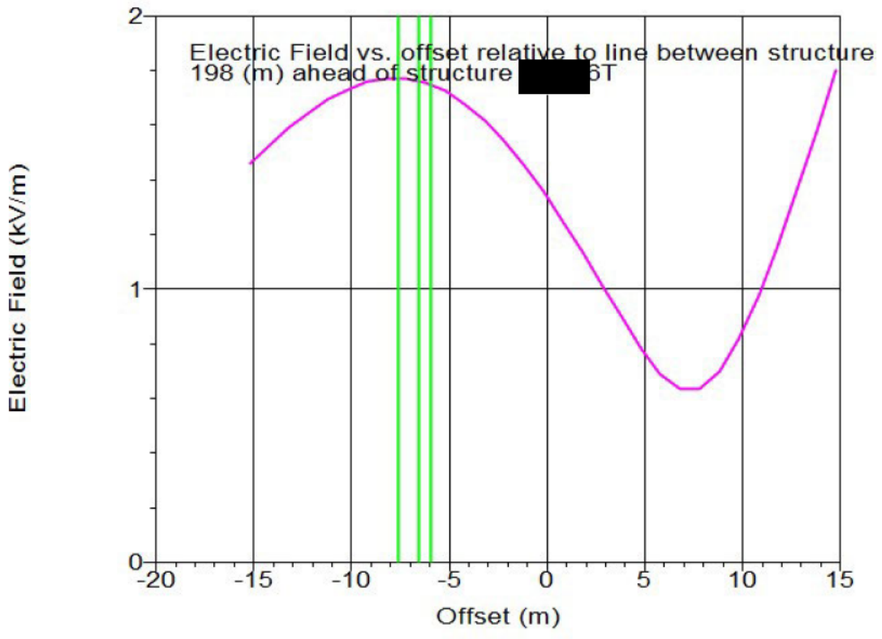
248770.1	843213.3	119.6	9.888	4.522	24.6	10.873	3.0	8.653	1.276	0.291	12.9	1.308	0.4	1.106	-0.499	-24.3	1.213
248769.3	843212.8	119.5	9.778	4.473	24.6	10.753	3.0	8.557	1.265	0.287	12.8	1.297	0.4	0.896	-0.399	-24.0	0.981
248768.4	843212.3	119.4	9.759	4.469	24.6	10.734	3.0	8.542	1.263	0.287	12.8	1.296	0.4	0.844	-0.385	-24.5	0.928
248767.5	843211.7	119.4	9.751	4.470	24.6	10.727	3.1	8.536	1.263	0.288	12.8	1.295	0.4	0.815	-0.377	-24.8	0.898
248766.7	843211.2	119.3	9.750	4.473	24.6	10.727	3.1	8.536	1.262	0.288	12.8	1.294	0.4	0.799	-0.371	-24.9	0.881
248765.8	843210.7	119.3	9.748	4.477	24.7	10.727	3.1	8.536	1.261	0.288	12.9	1.294	0.4	0.778	-0.364	-25.1	0.858
248764.9	843210.2	119.3	9.746	4.480	24.7	10.726	3.2	8.536	1.261	0.288	12.9	1.294	0.4	0.752	-0.355	-25.3	0.832
248764.1	843209.7	119.2	9.743	4.483	24.7	10.725	3.2	8.535	1.261	0.289	12.9	1.294	0.4	0.722	-0.346	-25.6	0.800
248763.2	843209.2	119.2	9.740	4.486	24.7	10.723	3.2	8.533	1.262	0.289	12.9	1.294	0.4	0.687	-0.336	-26.1	0.764
248762.4	843208.7	119.1	9.737	4.489	24.7	10.722	3.3	8.532	1.262	0.289	12.9	1.295	0.4	0.649	-0.325	-26.6	0.726
248761.5	843208.2	119.1	9.744	4.496	24.8	10.731	3.3	8.540	1.263	0.290	12.9	1.296	0.3	0.629	-0.318	-26.8	0.705
248760.6	843207.7	119.1	9.750	4.503	24.8	10.740	3.4	8.546	1.264	0.290	12.9	1.297	0.3	0.604	-0.309	-27.1	0.678
248759.8	843207.2	119.1	9.761	4.506	24.8	10.751	3.4	8.555	1.266	0.289	12.9	1.298	0.3	0.566	-0.310	-28.7	0.646
248758.9	843206.7	119.0	9.773	4.516	24.8	10.766	3.4	8.568	1.268	0.289	12.9	1.300	0.3	0.548	-0.304	-29.0	0.627
248758.0	843206.2	119.0	9.786	4.526	24.8	10.782	3.5	8.580	1.270	0.290	12.9	1.302	0.3	0.525	-0.296	-29.4	0.602
248757.2	843205.7	119.0	9.798	4.536	24.8	10.797	3.5	8.592	1.272	0.291	12.9	1.305	0.3	0.496	-0.287	-30.0	0.573
248756.3	843205.2	119.0	9.809	4.545	24.9	10.811	3.6	8.603	1.275	0.292	12.9	1.308	0.3	0.462	-0.277	-30.9	0.539
248755.4	843204.7	119.0	9.822	4.555	24.9	10.826	3.6	8.615	1.278	0.292	12.9	1.311	0.3	0.427	-0.266	-31.9	0.503
248754.6	843204.2	119.1	9.868	4.579	24.9	10.879	3.7	8.657	1.281	0.293	12.9	1.315	0.2	0.465	-0.272	-30.3	0.539
248753.7	843203.7	119.1	9.915	4.604	24.9	10.931	3.7	8.699	1.285	0.294	12.9	1.319	0.2	0.499	-0.277	-29.0	0.571
248752.8	843203.2	119.2	9.961	4.628	24.9	10.984	3.8	8.741	1.290	0.296	12.9	1.323	0.2	0.528	-0.281	-28.0	0.598
248752.0	843202.7	119.2	9.997	4.648	24.9	11.025	3.8	8.773	1.294	0.297	12.9	1.328	0.2	0.529	-0.278	-27.8	0.598
248751.1	843202.2	119.2	10.028	4.667	25.0	11.061	3.9	8.802	1.299	0.298	12.9	1.332	0.2	0.514	-0.272	-27.9	0.582
248750.3	843201.7	119.3	10.059	4.685	25.0	11.096	3.9	8.830	1.304	0.299	12.9	1.337	0.2	0.495	-0.265	-28.2	0.561
248749.4	843201.2	119.3	10.094	4.705	25.0	11.136	4.0	8.862	1.309	0.300	12.9	1.343	0.2	0.480	-0.259	-28.3	0.546
248748.5	843200.7	119.4	10.133	4.727	25.0	11.182	4.1	8.898	1.314	0.301	12.9	1.348	0.2	0.473	-0.255	-28.3	0.537
248747.7	843200.2	119.4	10.199	4.760	25.0	11.255	4.1	8.957	1.320	0.303	12.9	1.354	0.1	0.520	-0.262	-26.8	0.582
248746.8	843199.7	119.5	10.268	4.794	25.0	11.332	4.2	9.018	1.327	0.304	12.9	1.361	0.1	0.569	-0.271	-25.5	0.630
248745.9	843199.2	119.6	10.337	4.829	25.0	11.410	4.2	9.080	1.333	0.306	12.9	1.368	0.1	0.614	-0.278	-24.4	0.674
248745.1	843198.7	119.7	10.404	4.863	25.1	11.484	4.3	9.139	1.340	0.307	12.9	1.374	0.1	0.649	-0.284	-23.6	0.708
248744.2	843198.2	119.8	10.464	4.894	25.1	11.552	4.3	9.192	1.346	0.309	12.9	1.381	0.1	0.666	-0.285	-23.2	0.724
248743.3	843197.7	119.9	10.524	4.925	25.1	11.619	4.4	9.246	1.353	0.310	12.9	1.389	0.1	0.679	-0.285	-22.8	0.736
248742.5	843197.2	120.0	10.586	4.957	25.1	11.689	4.4	9.302	1.361	0.312	12.9	1.396	0.1	0.693	-0.285	-22.4	0.749
248741.6	843196.7	120.1	10.651	4.991	25.1	11.763	4.5	9.360	1.368	0.313	12.9	1.403	0.1	0.710	-0.286	-22.0	0.766
248740.8	843196.1	120.1	10.718	5.025	25.1	11.837	4.5	9.420	1.375	0.315	12.9	1.411	0.1	0.726	-0.287	-21.6	0.781
248739.9	843195.6	120.2	10.784	5.060	25.1	11.912	4.6	9.480	1.383	0.317	12.9	1.419	0.1	0.739	-0.287	-21.3	0.793
248739.0	843195.1	120.3	10.852	5.095	25.1	11.988	4.7	9.540	1.391	0.318	12.9	1.427	0.1	0.750	-0.287	-20.9	0.803
248738.2	843194.6	120.4	10.926	5.132	25.2	12.071	4.7	9.606	1.399	0.320	12.9	1.435	0.1	0.773	-0.290	-20.5	0.825
248737.3	843194.1	120.5	11.000	5.171	25.2	12.155	4.8	9.673	1.407	0.321	12.9	1.443	0.1	0.793	-0.291	-20.2	0.844
248736.4	843193.6	120.6	11.077	5.210	25.2	12.241	4.8	9.741	1.415	0.323	12.9	1.452	0.2	0.813	-0.294	-19.8	0.865
248735.6	843193.1	120.7	11.153	5.249	25.2	12.327	4.9	9.809	1.424	0.325	12.9	1.460	0.2	0.831	-0.295	-19.5	0.882
248734.7	843192.6	120.8	11.230	5.289	25.2	12.413	4.9	9.878	1.432	0.326	12.8	1.469	0.2	0.847	-0.296	-19.3	0.897
248733.8	843192.1	120.9	11.307	5.328	25.2	12.499	5.0	9.947	1.440	0.328	12.8	1.477	0.2	0.861	-0.297	-19.0	0.910
248733.0	843191.6	121.1	11.396	5.373	25.2	12.599	5.0	10.026	1.449	0.330	12.8	1.486	0.2	0.897	-0.302	-18.6	0.947
248732.1	843191.1	121.2	11.487	5.419	25.3	12.701	5.1	10.107	1.458	0.331	12.8	1.495	0.2	0.934	-0.308	-18.3	0.984
248731.2	843190.6	121.3	11.578	5.465	25.3	12.803	5.1	10.189	1.466	0.333	12.8	1.503	0.2	0.970	-0.314	-18.0	1.019
248730.4	843190.1	121.4	11.670	5.512	25.3	12.906	5.2	10.271	1.475	0.334	12.8	1.512	0.2	1.004	-0.320	-17.7	1.054
248729.5	843189.6	121.6	11.762	5.559	25.3	13.010	5.2	10.353	1.483	0.336	12.7	1.521	0.2	1.037	-0.325	-17.4	1.086
248728.7	843189.1	121.7	11.860	5.608	25.3	13.119	5.3	10.440	1.492	0.337	12.7	1.530	0.2	1.078	-0.332	-17.1	1.128
248727.8	843188.6	121.8	11.958	5.657	25.3	13.229	5.3	10.527	1.501	0.338	12.7	1.538	0.2	1.118	-0.339	-16.9	1.168
248726.9	843188.1	122.0	12.064	5.711	25.3	13.347	5.4	10.622	1.509	0.340	12.7	1.547	0.2	1.173	-0.349	-16.6	1.224
248726.1	843187.6	122.1	12.172	5.765	25.3	13.469	5.4	10.718	1.517	0.341	12.7	1.555	0.2	1.230	-0.360	-16.3	1.282
248725.2	843187.1	122.2	12.281	5.819	25.4	13.590	5.5	10.814	1.526	0.342	12.6	1.564	0.2	1.286	-0.370	-16.1	1.338
248724.3	843186.6	122.4	12.383	5.871	25.4	13.704	5.5	10.905	1.534	0.343	12.6	1.572	0.2	1.327	-0.377	-15.9	1.380
248723.5	843186.1	122.5	12.485	5.924	25.4	13.819	5.6	10.997	1.542	0.344	12.6	1.580	0.2	1.369	-0.384	-15.7	1.421
248722.6	843185.6	122.6	12.588	5.976	25.4	13.935	5.6	11.089	1.550	0.345	12.6	1.588	0.2	1.410	-0.391	-15.5	1.463
248721.7	843185.1	122.8	12.691	6.030	25.4	14.051	5.7	11.181	1.557	0.346	12.5	1.595	0.2	1.451	-0.398	-15.4	1.505
248720.9	843184.6	122.9	12.799	6.085	25.4	14.172	5.7	11.278	1.565	0.347	12.5	1.603	0.2	1.499	-0.407	-15.2	1.554
248720.0	843184.1	123.1	12.913	6.143	25.4	14.299	5.8	11.379	1.572	0.347	12.5	1.610	0.2	1.558	-0.418	-15.0	1.614
248719.1	843183.6	123.2	13.002	6.191	25.5	14.401	5.8	11.460	1.579	0.348	12.4	1.616	0.3	1.572	-0.419	-14.9	1.627
248718.3	843183.1	123.3	13.092	6.240	25.5	14.503	5.9	11.541	1.585	0.348	12.4	1.623	0.3	1.586	-0.420	-14.8	1.641
248717.4	843182.6	123.4	13.182	6.289	25.5	14.605	5.9	11.622	1.591	0.348	12.3	1.629	0.3	1.601	-0.421	-14.7	1.655
248716.6	843182.1	123.5	13.343	6.394	25.6	14.796	6.1	11.774	1.607	0.356	12.5	1.647	0.3	1.713	-0.489	-15.9	1.781
248715.7	843181.6	123.6	13.440	6.447	25.6	14.907	6.1	11.862	1.613	0.356	12.5	1.652	0.3	1.744	-0.494	-15.8	1.812
248714.8	843181.1	123.7	13.525	6.495	25.6	15.004	6.2	11.940	1.618	0.356	12.4	1.657	0.3	1.752	-0.494	-15.7	1.821
248714.0	843180.6	123.9	13.610	6.542	25.7	15.101	6.2	12.017	1.623	0.356	12.4	1.662	0.3	1.762	-0.494	-15.7	1.830
248713.1	843180.0	124.0	13.695	6.591	25.7	15.199	6.3	12.095	1.628	0.355	12.3	1.666	0.3	1.772	-0.495	-15.6	1.840
248712.2	843179.5	124.1	13.787	6.642	25.7	15.303	6.3	12.178	1.632	0.354	12.3	1.670	0.3	1.794	-0.498	-15.5	1.861
248711.4	843179.0	124.2	13.878	6.693	25.7	15.408	6.4	12.261	1.636	0.354	12.2	1.674	0.3	1.816	-0.501	-15.4	1.884
248710.5	843178.5	124.3	13.970	6.745	25.8	15.513	6.4	12.345	1.639	0.352	12.1	1.677	0.3	1.840	-0.504	-15.3	1.908
248709.6	843178.0	124.4	14.061	6.797	25.8	15.618	6.5	12.428	1.643	0.351	12.1	1.680	0.3	1.864	-0.507	-15.2	1.932
248708.8	843177.5	124.5	14.153	6.850	25.8	15.723	6.5	12.512	1.645	0.350	12.0	1.682	0.3	1.890	-0.511	-15.1	1.958
248707.9	843177.0	124.7	14.246	6.903	25.9	15.831	6.6	12.598	1.648	0.348	11.9	1.684	0.3	1.920	-0.516	-15.0	1.988
248707.0	843176.5	124.8	14.340	6.957	25.9	15.939	6.6	12.684	1.650	0.346	11.9	1.686	0.3	1.950	-0.520	-14.9	2.018
248706.2	843176.0	124.9	14.433	7.012	25.9	16.046	6.7	12.769	1.651	0.344	11.8	1.687	0.3	1.982	-0.525	-14.8	2.050
248705.3	843175.5	125.0	14.516	7.062	25.9	16.142	6.7	12.846	1.652	0.342	11.7	1.687	0.3	1.996	-0.526	-14.8	2.064
248704.5	843175.0	125.1	14.593	7.110	26.0	16.233	6.8	12.918	1.653	0.340	11.6	1.687	0.3	2.004	-0.526	-14.7	2.072
248703.6	843174.5	125.2	14.685	7.165	26.0	16.340	6.8	13.003	1.653	0.337	11.5	1.687	0.3	2.037	-0.531	-14.6	2.105
248702.7	843174.0	125.3	14.787	7.224	26.0	16.458	6.9	13.097	1.653	0.334	11.4	1.687	0.3	2.088	-0.539	-14.5	2.156
248701.9	843173.5	125.5	14.889	7.284	26.1	16.575	6.9	13.190	1.653	0.331	11.3	1.685	0.3	2.139	-0.547	-14.3	2.208
248701.0	843173.0	125.6	14.991	7.344	26.1	16.694	7.0	13.284	1.651	0.327	11.2	1.684	0.3	2.191	-0.555	-14.2	2.260
248700.1	843172.5	125.7	15.071	7.395	26.1	16.787	7.0	13.359	1.650	0.323	11.1	1.681	0.3	2.210	-0.556	-14.1	2.279
248699.3	843172.0	125.8	15.132	7.440	26.2	16.862	7.1	13.419	1.647	0.319	11.0	1.678	0.3	2.203	-0.553	-14.1	2.271
248698.4	843171.5	125.9	15.193	7.484	26.2	16.936	7.2	13.478	1.644	0.315	10.9	1.674	0.3	2.197	-0.550	-14.0	2.265
248697.5	843171.0	126.0	15.253	7.528	26.3	17.010	7.2	13.536	1.641	0.311	10.7	1.670	0.3	2.193	-0.547	-14.0	2.260
248696.7	843170.5	126.1	15.313	7.573	26.3	17.083	7.3	13.594	1.637	0.306	10.6	1.665	0.3	2.190	-0.544	-13.9	2.256
248695.8	843170.0	126.2	15.380	7.620	26.4	17.164	7.4	13.659	1.632	0.301	10.4	1.660	0.3	2.200	-0.543	-13.9	2.266

248695.0	843169.5	126.3	15.455	7.672	26.4	17.255	7.4	13.731	1.627	0.295	10.3	1.654	0.2	2.227	-0.545	-13.8	2.292
248694.1	843169.0	126.4	15.543	7.730	26.4	17.359	7.5	13.814	1.621	0.289	10.1	1.647	0.2	2.272	-0.551	-13.6	2.338
248693.2	843168.5	126.5	15.630	7.788	26.5	17.463	7.6	13.896	1.615	0.283	9.9	1.640	0.2	2.318	-0.556	-13.5	2.384
248692.4	843168.0	126.6	15.707	7.841	26.5	17.555	7.6	13.970	1.608	0.277	9.8	1.632	0.2	2.352	-0.559	-13.4	2.417
248691.5	843167.5	126.7	15.773	7.891	26.6	17.637	7.7	14.035	1.601	0.270	9.6	1.623	0.2	2.373	-0.559	-13.3	2.438
248690.6	843167.0	126.8	15.820	7.933	26.6	17.698	7.8	14.083	1.592	0.263	9.4	1.614	0.2	2.369	-0.555	-13.2	2.433
248689.8	843166.5	126.9	15.866	7.975	26.7	17.757	7.8	14.131	1.583	0.256	9.2	1.604	0.2	2.367	-0.550	-13.1	2.430
248688.9	843166.0	126.9	15.867	7.998	26.8	17.769	7.9	14.140	1.573	0.248	8.9	1.593	0.3	2.307	-0.537	-13.1	2.369
248688.0	843165.5	127.0	15.899	8.034	26.8	17.814	8.0	14.176	1.563	0.239	8.7	1.581	0.3	2.294	-0.532	-13.0	2.355
248687.2	843165.0	127.1	15.941	8.076	26.9	17.870	8.1	14.220	1.552	0.231	8.5	1.569	0.3	2.296	-0.528	-13.0	2.356
248686.3	843164.4	127.2	15.981	8.116	26.9	17.924	8.2	14.264	1.540	0.222	8.2	1.556	0.3	2.299	-0.524	-12.8	2.358
248685.4	843163.9	127.2	16.021	8.157	27.0	17.978	8.3	14.306	1.528	0.213	7.9	1.543	0.4	2.303	-0.520	-12.7	2.361
248684.6	843163.4	127.3	16.058	8.198	27.0	18.030	8.4	14.348	1.515	0.203	7.6	1.529	0.4	2.309	-0.516	-12.6	2.366
248683.7	843162.9	127.4	16.095	8.238	27.1	18.081	8.5	14.388	1.502	0.193	7.3	1.514	0.5	2.315	-0.512	-12.5	2.371
248682.9	843162.4	127.5	16.130	8.278	27.2	18.130	8.6	14.427	1.488	0.183	7.0	1.499	0.6	2.322	-0.507	-12.3	2.376
248682.0	843161.9	127.6	16.163	8.318	27.2	18.178	8.6	14.465	1.473	0.172	6.7	1.483	0.6	2.329	-0.502	-12.2	2.383
248681.1	843161.4	127.7	16.195	8.357	27.3	18.224	8.7	14.502	1.458	0.161	6.3	1.467	0.7	2.337	-0.496	-12.0	2.389
248680.3	843160.9	127.7	16.210	8.389	27.4	18.252	8.9	14.525	1.442	0.149	5.9	1.450	0.8	2.328	-0.488	-11.9	2.379
248679.4	843160.4	127.8	16.210	8.415	27.4	18.263	9.0	14.534	1.426	0.137	5.5	1.432	0.9	2.303	-0.479	-11.7	2.352
248678.5	843159.9	127.8	16.207	8.439	27.5	18.273	9.1	14.541	1.409	0.125	5.1	1.414	1.0	2.280	-0.469	-11.6	2.327
248677.7	843159.4	127.9	16.203	8.463	27.6	18.280	9.2	14.547	1.391	0.112	4.6	1.395	1.1	2.257	-0.459	-11.5	2.303
248676.8	843158.9	128.0	16.197	8.487	27.7	18.285	9.3	14.551	1.373	0.100	4.1	1.376	1.2	2.235	-0.449	-11.4	2.280
248675.9	843158.4	128.0	16.188	8.509	27.7	18.288	9.5	14.553	1.354	0.086	3.7	1.357	1.3	2.215	-0.438	-11.2	2.257
248675.1	843157.9	128.1	16.178	8.531	27.8	18.289	9.6	14.554	1.334	0.073	3.1	1.336	1.5	2.194	-0.427	-11.0	2.236
248674.2	843157.4	128.1	16.165	8.552	27.9	18.288	9.7	14.553	1.315	0.060	2.6	1.316	1.6	2.175	-0.416	-10.8	2.214
248673.3	843156.9	128.2	16.150	8.572	28.0	18.284	9.8	14.550	1.294	0.048	2.1	1.295	1.8	2.156	-0.404	-10.6	2.194
248672.5	843156.4	128.3	16.133	8.591	28.0	18.278	10.0	14.545	1.273	0.037	1.7	1.274	2.0	2.138	-0.391	-10.4	2.174
248671.6	843155.9	128.3	16.114	8.609	28.1	18.270	10.1	14.539	1.252	0.030	1.4	1.252	2.2	2.121	-0.377	-10.1	2.154
248670.8	843155.4	128.4	16.096	8.628	28.2	18.262	10.3	14.533	1.230	0.031	1.5	1.231	2.5	2.106	-0.363	-9.8	2.138
248669.9	843154.9	128.4	16.083	8.650	28.3	18.262	10.4	14.532	1.208	0.040	1.9	1.209	2.8	2.101	-0.348	-9.4	2.129
248669.0	843154.4	128.5	16.069	8.670	28.4	18.259	10.6	14.530	1.186	0.053	2.6	1.187	3.2	2.095	-0.331	-9.0	2.121
248668.2	843153.9	128.6	16.052	8.690	28.4	18.253	10.7	14.525	1.163	0.068	3.4	1.165	3.6	2.089	-0.313	-8.5	2.112
248667.3	843153.4	128.6	16.010	8.698	28.5	18.221	10.9	14.499	1.139	0.084	4.2	1.142	4.0	2.063	-0.295	-8.1	2.084
248666.4	843152.9	128.7	15.960	8.702	28.6	18.178	11.1	14.466	1.115	0.100	5.1	1.120	4.4	2.033	-0.277	-7.8	2.051
248665.6	843152.4	128.7	15.908	8.704	28.7	18.133	11.2	14.430	1.091	0.117	6.1	1.097	4.8	2.003	-0.258	-7.4	2.019
248664.7	843151.9	128.8	15.852	8.705	28.8	18.085	11.4	14.392	1.066	0.135	7.2	1.074	5.2	1.974	-0.239	-6.9	1.988
248663.8	843151.4	128.8	15.794	8.705	28.9	18.034	11.6	14.351	1.041	0.153	8.4	1.052	5.7	1.945	-0.219	-6.4	1.957
248663.0	843150.9	128.9	15.733	8.703	28.9	17.980	11.8	14.308	1.015	0.171	9.6	1.030	6.3	1.917	-0.198	-5.9	1.927
248662.1	843150.4	128.9	15.670	8.699	29.0	17.923	12.0	14.262	0.990	0.190	10.9	1.008	6.8	1.890	-0.176	-5.3	1.898
248661.2	843149.9	129.0	15.607	8.696	29.1	17.866	12.2	14.217	0.964	0.209	12.2	0.986	7.5	1.865	-0.152	-4.7	1.872
248660.4	843149.4	129.0	15.543	8.692	29.2	17.808	12.4	14.171	0.938	0.228	13.7	0.965	8.3	1.843	-0.128	-4.0	1.847
248659.5	843148.8	129.1	15.476	8.686	29.3	17.747	12.6	14.123	0.912	0.247	15.2	0.945	9.1	1.821	-0.102	-3.2	1.823
248658.7	843148.3	129.1	15.405	8.679	29.4	17.682	12.8	14.071	0.885	0.266	16.7	0.925	9.9	1.798	-0.075	-2.4	1.799
248657.8	843147.8	129.2	15.332	8.670	29.5	17.613	13.0	14.016	0.859	0.286	18.4	0.905	10.9	1.775	-0.048	-1.5	1.775
248656.9	843147.3	129.2	15.255	8.659	29.6	17.542	13.2	13.959	0.833	0.306	20.1	0.887	11.9	1.752	-0.019	-0.6	1.752
248656.1	843146.8	129.2	15.176	8.647	29.7	17.467	13.5	13.900	0.806	0.325	22.0	0.869	12.9	1.729	0.011	0.3	1.730
248655.2	843146.3	129.3	15.094	8.634	29.8	17.389	13.7	13.838	0.780	0.345	23.9	0.853	14.1	1.707	0.041	1.4	1.707
248654.3	843145.8	129.3	14.997	8.612	29.9	17.294	13.9	13.762	0.753	0.364	25.8	0.837	15.1	1.677	0.069	2.4	1.678
248653.5	843145.3	129.4	14.872	8.574	30.0	17.166	14.2	13.661	0.726	0.383	27.8	0.821	15.8	1.633	0.089	3.1	1.635
248652.6	843144.8	129.4	14.744	8.535	30.1	17.036	14.5	13.557	0.699	0.402	29.9	0.806	16.5	1.590	0.109	3.9	1.594
248651.7	843144.3	129.4	14.614	8.495	30.2	16.903	14.8	13.451	0.672	0.421	32.1	0.793	17.2	1.549	0.129	4.8	1.554
248650.9	843143.8	129.4	14.482	8.453	30.3	16.769	15.0	13.344	0.645	0.440	34.3	0.781	17.9	1.509	0.148	5.6	1.516
248650.0	843143.3	129.4	14.349	8.410	30.4	16.632	15.3	13.235	0.618	0.459	36.6	0.770	18.6	1.471	0.167	6.5	1.481
248649.1	843142.8	129.4	14.209	8.363	30.5	16.488	15.6	13.121	0.591	0.477	38.9	0.760	19.1	1.432	0.184	7.3	1.444
248648.3	843142.3	129.5	14.066	8.314	30.6	16.339	15.9	13.002	0.564	0.496	41.3	0.751	19.5	1.394	0.199	8.1	1.408
248647.4	843141.8	129.5	13.922	8.265	30.7	16.190	16.2	12.883	0.538	0.514	43.7	0.744	19.9	1.357	0.214	9.0	1.373
248646.6	843141.3	129.5	13.777	8.215	30.8	16.040	16.5	12.764	0.512	0.532	46.1	0.738	20.2	1.322	0.228	9.8	1.341
248645.7	843140.8	129.5	13.633	8.164	30.9	15.891	16.8	12.645	0.486	0.549	48.5	0.734	20.4	1.288	0.242	10.6	1.311
248644.8	843140.3	129.5	13.489	8.114	31.0	15.742	17.2	12.527	0.461	0.567	50.9	0.730	20.5	1.257	0.255	11.5	1.282
248644.0	843139.8	129.5	13.347	8.065	31.1	15.594	17.5	12.410	0.435	0.584	53.3	0.728	20.5	1.227	0.267	12.3	1.256
248643.1	843139.3	129.5	13.206	8.016	31.3	15.449	17.8	12.294	0.410	0.601	55.7	0.728	20.5	1.199	0.280	13.1	1.231
248642.2	843138.8	129.5	13.068	7.969	31.4	15.306	18.1	12.180	0.386	0.618	58.0	0.729	20.4	1.172	0.291	14.0	1.207
248641.4	843138.3	129.5	12.933	7.923	31.5	15.167	18.4	12.070	0.362	0.635	60.3	0.730	20.3	1.147	0.303	14.8	1.186
248640.5	843137.8	129.6	12.806	7.881	31.6	15.037	18.7	11.966	0.338	0.651	62.6	0.734	20.2	1.124	0.317	15.7	1.168
248639.6	843137.3	129.6	12.683	7.842	31.7	14.911	19.0	11.866	0.315	0.668	64.8	0.738	20.0	1.103	0.330	16.7	1.151
248638.8	843136.8	129.6	12.554	7.798	31.8	14.778	19.3	11.760	0.291	0.684	66.9	0.743	19.5	1.080	0.336	17.3	1.131
248637.9	843136.3	129.6	12.466	7.779	32.0	14.694	19.6	11.693	0.270	0.701	68.9	0.751	19.7	1.066	0.366	19.0	1.127
248637.1	843135.8	129.7	12.397	7.771	32.1	14.631	19.8	11.643	0.251	0.717	70.7	0.760	20.1	1.054	0.406	21.1	1.130
248636.2	843135.3	129.7	12.330	7.764	32.2	14.571	20.1	11.595	0.233	0.734	72.4	0.770	20.4	1.041	0.445	23.1	1.132
248635.3	843134.8	129.7	12.254	7.750	32.3	14.499	20.3	11.538	0.215	0.751	74.0	0.781	20.2	1.024	0.471	24.7	1.127
248634.5	843134.3	129.8	12.187	7.741	32.4	14.438	20.5	11.489	0.198	0.768	75.5	0.793	20.1	1.007	0.499	26.4	1.124
248633.6	843133.8	129.7	12.055	7.690	32.5	14.299	20.8	11.379	0.176	0.785	77.3	0.804	18.6	0.982	0.470	25.6	1.089
248632.7	843133.2	129.8	12.060	7.724	32.6	14.322	20.9	11.397	0.170	0.803	78.0	0.820	19.3	0.969	0.543	29.3	1.111
248631.9	843132.7	129.9	12.081	7.769	32.7	14.363	21.1	11.430	0.169	0.821	78.4	0.838	20.0	0.953	0.625	33.2	1.139

Max BF along centerline is 18.289 (uT) at 198.000 (m) from structure [redacted]-6T

Cross section results at max BF along centerline between structures [redacted]-6T and [redacted]/[redacted]-7





3D EMF Point Results Span from [redacted]-6T to [redacted]/[redacted]-7:

Measurement			B					H	EF					Space Potential			
X (m)	Y (m)	Z (m)	Real (uT)	Imaginary (uT)	Angle (deg)	Magnitude (uT)	Polarization Axial Ratio %	Magnitude (A/m)	Real (kV/m)	Imaginary (kV/m)	Angle (deg)	Magnitude (kV/m)	Polarization Axial Ratio %	Real (kV)	Imaginary (kV)	Angle (deg)	Magnitude (kV)
248682.7	843144.8	127.8	10.492	5.373	27.1	11.788	17.2	9.380	1.397	0.409	16.3	1.456	0.6	1.170	-0.313	-15.0	1.211
248682.2	843145.6	127.8	10.958	5.574	27.0	12.294	16.8	9.783	1.469	0.411	15.6	1.526	0.6	1.320	-0.346	-14.7	1.364
248681.7	843146.5	127.8	11.405	5.770	26.8	12.782	16.3	10.171	1.536	0.410	14.9	1.590	0.6	1.431	-0.367	-14.4	1.477
248681.2	843147.4	127.8	11.851	5.967	26.7	13.268	15.8	10.559	1.596	0.406	14.3	1.647	0.5	1.540	-0.385	-14.0	1.588
248680.7	843148.2	127.8	12.291	6.167	26.6	13.752	15.2	10.943	1.647	0.399	13.6	1.695	0.5	1.646	-0.402	-13.7	1.694
248680.2	843149.1	127.9	12.724	6.368	26.6	14.228	14.7	11.322	1.688	0.389	13.0	1.733	0.5	1.746	-0.417	-13.4	1.795
248679.7	843150.0	127.9	13.144	6.570	26.6	14.695	14.2	11.694	1.718	0.376	12.4	1.759	0.4	1.839	-0.430	-13.2	1.888
248679.2	843150.8	127.9	13.551	6.774	26.6	15.150	13.6	12.056	1.734	0.360	11.7	1.771	0.4	1.923	-0.440	-12.9	1.972
248678.7	843151.7	127.9	13.943	6.979	26.6	15.592	13.1	12.408	1.737	0.339	11.0	1.770	0.3	2.000	-0.449	-12.6	2.049

248678.2	843152.5	127.9	14.316	7.187	26.7	16.018	12.5	12.747	1.726	0.315	10.3	1.754	0.3	2.064	-0.454	-12.4	2.114
248677.7	843153.4	128.0	14.668	7.395	26.8	16.427	12.0	13.072	1.699	0.287	9.6	1.723	0.4	2.116	-0.458	-12.2	2.165
248677.2	843154.3	128.0	14.988	7.601	26.9	16.805	11.5	13.373	1.658	0.255	8.7	1.678	0.4	2.140	-0.456	-12.0	2.188
248676.7	843155.1	128.0	15.277	7.805	27.1	17.156	11.0	13.652	1.602	0.219	7.8	1.617	0.5	2.140	-0.450	-11.9	2.187
248676.2	843156.0	128.0	15.544	8.011	27.3	17.487	10.5	13.916	1.532	0.178	6.6	1.542	0.6	2.128	-0.443	-11.8	2.174
248675.7	843156.9	128.0	15.843	8.244	27.5	17.860	10.1	14.213	1.450	0.133	5.2	1.456	0.9	2.169	-0.439	-11.5	2.213
248675.2	843157.7	128.1	16.124	8.483	27.7	18.219	9.7	14.498	1.355	0.083	3.5	1.357	1.4	2.192	-0.430	-11.1	2.234
248674.7	843158.6	128.1	16.387	8.727	28.0	18.566	9.3	14.774	1.249	0.036	1.6	1.249	2.0	2.197	-0.414	-10.7	2.236
248674.2	843159.5	128.2	16.635	8.977	28.4	18.903	8.9	15.042	1.133	0.050	2.5	1.134	3.0	2.184	-0.391	-10.1	2.219
248673.7	843160.3	128.2	16.870	9.236	28.7	19.233	8.6	15.305	1.008	0.113	6.4	1.014	4.6	2.153	-0.360	-9.5	2.183
248673.2	843161.2	128.3	17.094	9.503	29.1	19.558	8.4	15.564	0.875	0.187	12.0	0.895	7.2	2.105	-0.320	-8.6	2.129
248672.7	843162.1	128.3	17.311	9.781	29.5	19.883	8.2	15.822	0.736	0.268	20.0	0.783	11.1	2.039	-0.270	-7.6	2.057
248672.2	843162.9	128.4	17.521	10.069	29.9	20.208	8.1	16.081	0.591	0.357	31.1	0.691	16.8	1.957	-0.210	-6.1	1.969
248671.7	843163.8	128.4	17.728	10.369	30.3	20.538	8.0	16.344	0.444	0.455	45.7	0.636	23.3	1.859	-0.139	-4.3	1.864
248671.1	843164.6	128.4	17.934	10.681	30.8	20.874	8.0	16.611	0.300	0.560	61.8	0.636	26.7	1.745	-0.054	-1.8	1.745
248670.6	843165.5	128.5	18.138	11.006	31.2	21.216	8.0	16.883	0.183	0.675	74.8	0.699	24.2	1.614	0.044	1.6	1.615
248670.1	843166.4	128.5	18.327	11.333	31.7	21.548	8.1	17.147	0.177	0.797	77.5	0.817	18.8	1.469	0.149	5.8	1.476
248669.6	843167.2	128.6	18.513	11.670	32.2	21.884	8.3	17.415	0.298	0.928	72.2	0.975	13.9	1.311	0.267	11.5	1.338
248669.1	843168.1	128.6	18.718	12.031	32.7	22.251	8.6	17.707	0.458	1.067	66.8	1.161	10.4	1.135	0.416	20.1	1.208
248668.6	843169.0	128.7	18.919	12.400	33.2	22.621	8.9	18.001	0.629	1.212	62.6	1.366	7.9	0.941	0.583	31.8	1.107
248668.1	843169.8	128.8	19.159	12.808	33.8	23.046	9.3	18.340	0.805	1.363	59.4	1.583	6.3	0.706	0.813	49.0	1.076
248667.6	843170.7	128.8	19.341	13.182	34.3	23.406	9.8	18.626	0.981	1.517	57.1	1.806	5.0	0.474	1.022	65.1	1.127

Centerline results between structures [redacted]/[redacted]-8 and [redacted]-9T

3D EMF Point Results Centerline from [redacted]/[redacted]-8 to [redacted]-9T:

-------Measurement-------			-------------------------B--------------------------					H	----------------------EF-------------------------					----------Space Potential----------			
X	Y	Z	Real	Imaginary	Angle	Magnitude	Polarization	Magnitude	Real	Imaginary	Angle	Magnitude	Polarization	Real	Imaginary	Angle	Magnitude
(m)	(m)	(m)	(uT)	(uT)	(deg)	(uT)	Axial Ratio %	(A/m)	(kV/m)	(kV/m)	(deg)	(kV/m)	Axial Ratio %	(kV)	(kV)	(deg)	(kV)
248290.5	842781.2	141.9	7.948	5.051	32.4	9.418	26.3	7.494	0.219	0.569	69.0	0.610	21.2	0.900	0.542	31.1	1.051
248289.9	842780.4	142.0	8.008	5.078	32.4	9.482	26.2	7.546	0.228	0.567	68.1	0.611	21.7	0.915	0.553	31.2	1.070
248289.3	842779.6	142.0	8.077	5.110	32.3	9.558	26.1	7.606	0.237	0.565	67.2	0.612	22.2	0.932	0.566	31.3	1.091
248288.7	842778.8	142.1	8.157	5.148	32.3	9.646	25.9	7.676	0.247	0.563	66.3	0.615	22.8	0.951	0.581	31.4	1.115
248288.1	842778.0	142.2	8.259	5.199	32.2	9.759	25.8	7.766	0.258	0.562	65.3	0.618	23.7	0.977	0.608	31.9	1.150
248287.5	842777.2	142.3	8.367	5.251	32.1	9.878	25.6	7.861	0.269	0.561	64.4	0.622	24.6	1.002	0.632	32.2	1.185
248286.9	842776.3	142.3	8.470	5.300	32.0	9.992	25.5	7.951	0.279	0.560	63.5	0.625	25.2	1.025	0.644	32.1	1.211
248286.4	842775.5	142.3	8.533	5.324	32.0	10.058	25.3	8.004	0.287	0.559	62.8	0.628	24.6	1.031	0.617	30.9	1.201
248285.8	842774.7	142.2	8.598	5.348	31.9	10.126	25.1	8.058	0.294	0.558	62.2	0.630	24.0	1.035	0.585	29.5	1.189
248285.2	842773.9	142.2	8.673	5.378	31.8	10.205	24.9	8.121	0.302	0.557	61.5	0.634	23.5	1.041	0.558	28.2	1.181
248284.6	842773.1	142.2	8.767	5.419	31.7	10.306	24.7	8.201	0.312	0.556	60.7	0.637	23.2	1.053	0.541	27.2	1.184
248284.0	842772.3	142.2	8.868	5.463	31.6	10.416	24.5	8.289	0.321	0.555	59.9	0.642	23.0	1.066	0.526	26.3	1.189
248283.4	842771.5	142.2	8.976	5.512	31.6	10.533	24.3	8.382	0.331	0.555	59.2	0.646	22.9	1.081	0.513	25.4	1.197
248282.8	842770.7	142.2	9.091	5.565	31.5	10.658	24.0	8.482	0.342	0.554	58.3	0.651	22.8	1.098	0.501	24.5	1.207
248282.2	842769.9	142.2	9.225	5.629	31.4	10.807	23.8	8.600	0.353	0.553	57.5	0.656	23.1	1.123	0.501	24.1	1.230
248281.6	842769.1	142.2	9.367	5.697	31.3	10.963	23.6	8.724	0.364	0.553	56.6	0.662	23.4	1.151	0.504	23.6	1.256
248281.0	842768.3	142.2	9.513	5.767	31.2	11.124	23.3	8.852	0.376	0.552	55.7	0.668	23.7	1.180	0.506	23.2	1.283
248280.4	842767.5	142.1	9.643	5.827	31.1	11.267	23.1	8.966	0.388	0.551	54.9	0.673	23.7	1.201	0.495	22.4	1.299
248279.8	842766.7	142.1	9.778	5.890	31.1	11.415	22.8	9.084	0.399	0.549	54.0	0.679	23.6	1.225	0.485	21.6	1.317
248279.2	842765.9	142.1	9.908	5.951	31.0	11.558	22.6	9.197	0.411	0.548	53.1	0.685	23.5	1.246	0.471	20.7	1.332
248278.6	842765.1	142.0	10.030	6.006	30.9	11.690	22.4	9.303	0.422	0.546	52.3	0.690	23.1	1.263	0.450	19.6	1.341
248278.1	842764.3	142.0	10.154	6.063	30.8	11.826	22.1	9.411	0.433	0.544	51.4	0.695	22.8	1.282	0.430	18.5	1.352
248277.5	842763.5	141.9	10.281	6.121	30.8	11.965	21.9	9.522	0.445	0.541	50.6	0.701	22.5	1.302	0.412	17.5	1.365
248276.9	842762.7	141.9	10.411	6.180	30.7	12.107	21.7	9.634	0.457	0.539	49.7	0.707	22.2	1.323	0.394	16.6	1.380
248276.3	842761.8	141.8	10.542	6.241	30.6	12.250	21.5	9.748	0.470	0.536	48.7	0.712	21.9	1.345	0.378	15.7	1.397
248275.7	842761.0	141.8	10.667	6.298	30.6	12.388	21.3	9.858	0.482	0.532	47.8	0.718	21.6	1.365	0.358	14.7	1.411
248275.1	842760.2	141.7	10.779	6.347	30.5	12.509	21.0	9.954	0.494	0.529	46.9	0.724	20.9	1.377	0.331	13.5	1.416
248274.5	842759.4	141.6	10.887	6.393	30.4	12.625	20.8	10.047	0.506	0.525	46.0	0.729	20.2	1.387	0.302	12.3	1.420
248273.9	842758.6	141.5	10.995	6.440	30.4	12.742	20.7	10.140	0.518	0.520	45.1	0.735	19.5	1.398	0.274	11.1	1.425
248273.3	842757.8	141.4	11.104	6.487	30.3	12.860	20.5	10.234	0.531	0.516	44.2	0.740	18.8	1.410	0.247	10.0	1.431
248272.7	842757.0	141.4	11.214	6.534	30.2	12.979	20.3	10.328	0.544	0.511	43.2	0.746	18.2	1.421	0.222	8.9	1.438
248272.1	842756.2	141.3	11.324	6.582	30.2	13.098	20.1	10.423	0.557	0.506	42.3	0.753	17.5	1.433	0.197	7.8	1.447
248271.5	842755.4	141.2	11.434	6.629	30.1	13.217	19.9	10.518	0.570	0.501	41.3	0.759	16.9	1.445	0.174	6.9	1.456
248270.9	842754.6	141.1	11.545	6.677	30.0	13.336	19.7	10.613	0.584	0.496	40.3	0.766	16.3	1.458	0.152	6.0	1.466
248270.4	842753.8	141.0	11.659	6.726	30.0	13.460	19.5	10.711	0.597	0.490	39.4	0.773	15.8	1.473	0.133	5.2	1.479
248269.8	842753.0	141.0	11.788	6.784	29.9	13.601	19.3	10.823	0.612	0.484	38.4	0.780	15.5	1.497	0.122	4.6	1.502
248269.2	842752.2	140.9	11.918	6.841	29.9	13.742	19.2	10.936	0.626	0.478	37.4	0.788	15.3	1.521	0.111	4.2	1.525
248268.6	842751.4	140.8	12.039	6.893	29.8	13.873	19.0	11.039	0.641	0.472	36.4	0.796	14.9	1.540	0.097	3.6	1.543
248268.0	842750.6	140.8	12.145	6.937	29.7	13.987	18.8	11.131	0.655	0.465	35.4	0.804	14.3	1.551	0.077	2.8	1.553
248267.4	842749.8	140.7	12.256	6.983	29.7	14.106	18.6	11.225	0.670	0.459	34.4	0.812	13.8	1.564	0.060	2.2	1.565
248266.8	842749.0	140.6	12.372	7.032	29.6	14.231	18.5	11.324	0.685	0.452	33.4	0.820	13.4	1.580	0.046	1.7	1.581
248266.2	842748.2	140.5	12.488	7.081	29.6	14.355	18.3	11.424	0.700	0.445	32.4	0.829	13.0	1.596	0.032	1.2	1.597
248265.6	842747.3	140.4	12.603	7.129	29.5	14.480	18.1	11.523	0.715	0.437	31.4	0.838	12.6	1.613	0.020	0.7	1.613
248265.0	842746.5	140.4	12.719	7.177	29.4	14.604	18.0	11.622	0.731	0.430	30.5	0.848	12.2	1.629	0.008	0.3	1.629
248264.4	842745.7	140.3	12.835	7.224	29.4	14.728	17.8	11.720	0.747	0.422	29.5	0.858	11.8	1.645	-0.004	-0.1	1.645
248263.8	842744.9	140.2	12.950	7.271	29.3	14.852	17.7	11.819	0.763	0.415	28.5	0.868	11.4	1.661	-0.014	-0.5	1.661
248263.2	842744.1	140.1	13.066	7.318	29.3	14.976	17.5	11.917	0.779	0.407	27.6	0.879	11.1	1.677	-0.024	-0.8	1.677
248262.7	842743.3	140.0	13.181	7.364	29.2	15.099	17.3	12.015	0.795	0.399	26.6	0.889	10.7	1.692	-0.034	-1.1	1.693
248262.1	842742.5	140.0	13.296	7.410	29.1	15.222	17.2	12.113	0.811	0.391	25.7	0.901	10.4	1.707	-0.043	-1.4	1.708
248261.5	842741.7	139.9	13.411	7.456	29.1	15.344	17.0	12.211	0.828	0.383	24.8	0.912	10.1	1.722	-0.051	-1.7	1.723
248260.9	842740.9	139.8	13.530	7.503	29.0	15.472	16.9	12.312	0.845	0.374	23.9	0.924	9.8	1.741	-0.058	-1.9	1.742
248260.3	842740.1	139.8	13.684	7.568	28.9	15.638	16.7	12.444	0.863	0.366	23.0	0.937	10.0	1.784	-0.053	-1.7	1.785
248259.7	842739.3	139.7	13.839	7.633	28.9	15.804	16.5	12.577	0.880	0.358	22.1	0.950	10.1	1.828	-0.049	-1.5	1.829

248259.1	842738.5	139.7	13.988	7.694	28.8	15.964	16.4	12.704	0.898	0.349	21.3	0.964	10.1	1.868	-0.046	-1.4	1.869
248258.5	842737.7	139.6	14.109	7.741	28.8	16.093	16.2	12.807	0.916	0.341	20.4	0.977	9.9	1.889	-0.052	-1.6	1.889
248257.9	842736.9	139.5	14.200	7.773	28.7	16.188	16.1	12.882	0.932	0.332	19.6	0.990	9.4	1.886	-0.064	-2.0	1.887
248257.3	842736.1	139.4	14.288	7.802	28.6	16.279	16.0	12.954	0.949	0.322	18.8	1.003	8.9	1.880	-0.077	-2.3	1.882
248256.7	842735.3	139.3	14.382	7.834	28.6	16.377	15.8	13.033	0.967	0.313	18.0	1.016	8.5	1.879	-0.087	-2.7	1.881
248256.1	842734.5	139.2	14.475	7.866	28.5	16.475	15.7	13.110	0.984	0.304	17.2	1.030	8.1	1.876	-0.097	-2.9	1.879
248255.5	842733.7	139.1	14.568	7.897	28.5	16.571	15.6	13.187	1.001	0.295	16.4	1.044	7.7	1.873	-0.105	-3.2	1.876
248254.9	842732.8	139.0	14.661	7.928	28.4	16.667	15.4	13.263	1.019	0.285	15.6	1.058	7.3	1.869	-0.113	-3.5	1.872
248254.4	842732.0	138.9	14.752	7.958	28.3	16.762	15.3	13.339	1.036	0.276	14.9	1.072	7.0	1.863	-0.121	-3.7	1.867
248253.8	842731.2	138.8	14.843	7.988	28.3	16.856	15.2	13.414	1.054	0.266	14.2	1.087	6.6	1.856	-0.127	-3.9	1.860
248253.2	842730.4	138.7	14.933	8.017	28.2	16.949	15.0	13.488	1.072	0.256	13.4	1.102	6.3	1.847	-0.133	-4.1	1.852
248252.6	842729.6	138.6	15.023	8.045	28.2	17.042	14.9	13.561	1.090	0.247	12.7	1.117	6.0	1.837	-0.139	-4.3	1.842
248252.0	842728.8	138.6	15.112	8.073	28.1	17.133	14.8	13.634	1.108	0.237	12.1	1.133	5.7	1.826	-0.144	-4.5	1.831
248251.4	842728.0	138.5	15.200	8.100	28.1	17.224	14.7	13.706	1.126	0.227	11.4	1.149	5.4	1.812	-0.148	-4.7	1.818
248250.8	842727.2	138.4	15.288	8.128	28.0	17.315	14.5	13.778	1.144	0.217	10.7	1.165	5.1	1.798	-0.151	-4.8	1.804
248250.2	842726.4	138.3	15.380	8.156	27.9	17.409	14.4	13.853	1.163	0.207	10.1	1.181	4.9	1.785	-0.154	-4.9	1.791
248249.6	842725.6	138.2	15.470	8.184	27.9	17.502	14.3	13.927	1.182	0.197	9.5	1.198	4.6	1.769	-0.156	-5.0	1.776
248249.0	842724.8	138.1	15.560	8.211	27.8	17.594	14.2	14.001	1.201	0.188	8.9	1.215	4.4	1.752	-0.157	-5.1	1.759
248248.4	842724.0	138.0	15.650	8.238	27.8	17.686	14.1	14.074	1.220	0.178	8.3	1.233	4.2	1.732	-0.158	-5.2	1.739
248247.8	842723.2	137.9	15.747	8.268	27.7	17.786	13.9	14.153	1.240	0.168	7.7	1.251	4.0	1.718	-0.157	-5.2	1.725
248247.2	842722.4	137.9	15.864	8.308	27.6	17.908	13.8	14.251	1.260	0.158	7.1	1.270	3.9	1.720	-0.154	-5.1	1.726
248246.7	842721.6	137.8	15.981	8.347	27.6	18.029	13.7	14.347	1.280	0.148	6.6	1.289	3.8	1.720	-0.150	-5.0	1.726
248246.1	842720.8	137.7	16.097	8.385	27.5	18.150	13.5	14.444	1.301	0.139	6.1	1.308	3.7	1.717	-0.147	-4.9	1.724
248245.5	842720.0	137.6	16.213	8.423	27.5	18.271	13.4	14.539	1.322	0.129	5.6	1.328	3.7	1.713	-0.144	-4.8	1.719
248244.9	842719.2	137.6	16.326	8.459	27.4	18.387	13.3	14.632	1.343	0.119	5.1	1.348	3.5	1.704	-0.140	-4.7	1.709
248244.3	842718.3	137.5	16.438	8.494	27.3	18.503	13.2	14.724	1.364	0.110	4.6	1.369	3.4	1.692	-0.137	-4.6	1.697
248243.7	842717.5	137.4	16.550	8.529	27.3	18.619	13.0	14.816	1.386	0.100	4.1	1.390	3.3	1.677	-0.134	-4.6	1.683
248243.1	842716.7	137.4	16.661	8.564	27.2	18.733	12.9	14.908	1.408	0.091	3.7	1.411	3.2	1.661	-0.130	-4.5	1.666
248242.5	842715.9	137.3	16.772	8.598	27.1	18.848	12.8	14.998	1.431	0.082	3.3	1.433	3.1	1.641	-0.126	-4.4	1.646
248241.9	842715.1	137.2	16.890	8.635	27.1	18.969	12.7	15.095	1.453	0.073	2.9	1.455	3.0	1.626	-0.122	-4.3	1.630
248241.3	842714.3	137.2	17.021	8.677	27.0	19.106	12.6	15.204	1.477	0.065	2.5	1.478	2.9	1.622	-0.118	-4.1	1.627
248240.7	842713.5	137.1	17.153	8.720	26.9	19.242	12.4	15.312	1.500	0.057	2.2	1.501	2.8	1.617	-0.113	-4.0	1.621
248240.1	842712.7	137.1	17.331	8.782	26.9	19.429	12.3	15.461	1.525	0.052	2.0	1.526	2.9	1.656	-0.108	-3.7	1.660
248239.5	842711.9	137.1	17.516	8.847	26.8	19.623	12.1	15.615	1.550	0.049	1.8	1.550	3.0	1.702	-0.103	-3.5	1.705
248239.0	842711.1	137.1	17.702	8.911	26.7	19.818	12.0	15.771	1.575	0.049	1.8	1.575	3.1	1.747	-0.100	-3.3	1.749
248238.4	842710.3	137.0	17.889	8.976	26.6	20.014	11.8	15.927	1.600	0.050	1.8	1.601	3.1	1.791	-0.097	-3.1	1.794
248237.8	842709.5	137.0	18.056	9.031	26.6	20.189	11.7	16.066	1.625	0.053	1.9	1.626	3.1	1.816	-0.094	-3.0	1.818
248237.2	842708.7	137.0	18.223	9.086	26.5	20.363	11.6	16.204	1.651	0.058	2.0	1.652	3.1	1.838	-0.093	-2.9	1.840
248236.6	842707.9	136.9	18.391	9.140	26.4	20.537	11.4	16.343	1.676	0.063	2.2	1.678	3.1	1.859	-0.091	-2.8	1.862
248236.0	842707.1	136.9	18.559	9.194	26.4	20.711	11.3	16.482	1.702	0.070	2.4	1.704	3.0	1.880	-0.090	-2.8	1.883
248235.4	842706.3	136.9	18.718	9.244	26.3	20.876	11.2	16.613	1.728	0.078	2.6	1.730	3.0	1.891	-0.090	-2.7	1.893
248234.8	842705.5	136.8	18.847	9.281	26.2	21.009	11.1	16.718	1.754	0.085	2.8	1.756	2.9	1.870	-0.088	-2.7	1.872
248234.2	842704.7	136.7	18.977	9.317	26.1	21.140	10.9	16.823	1.779	0.093	3.0	1.782	2.7	1.846	-0.086	-2.7	1.848
248233.6	842703.8	136.7	19.106	9.353	26.1	21.272	10.8	16.928	1.805	0.101	3.2	1.808	2.6	1.821	-0.084	-2.6	1.823
248233.0	842703.0	136.6	19.234	9.388	26.0	21.403	10.7	17.032	1.831	0.110	3.4	1.834	2.5	1.793	-0.082	-2.6	1.795
248232.4	842702.2	136.6	19.366	9.425	26.0	21.537	10.6	17.139	1.858	0.119	3.7	1.861	2.4	1.766	-0.079	-2.6	1.768
248231.8	842701.4	136.5	19.516	9.468	25.9	21.691	10.5	17.261	1.884	0.128	3.9	1.889	2.3	1.757	-0.078	-2.5	1.759
248231.3	842700.6	136.5	19.666	9.511	25.8	21.845	10.4	17.384	1.912	0.138	4.1	1.917	2.2	1.745	-0.077	-2.5	1.747
248230.7	842699.8	136.4	19.816	9.554	25.7	21.999	10.3	17.506	1.939	0.148	4.4	1.945	2.1	1.731	-0.075	-2.5	1.733
248230.1	842699.0	136.4	19.966	9.596	25.7	22.152	10.1	17.628	1.967	0.158	4.6	1.974	2.0	1.715	-0.074	-2.5	1.716
248229.5	842698.2	136.3	20.116	9.638	25.6	22.306	10.0	17.751	1.996	0.168	4.8	2.003	1.9	1.695	-0.072	-2.4	1.697
248228.9	842697.4	136.3	20.267	9.680	25.5	22.460	9.9	17.873	2.025	0.178	5.0	2.033	1.8	1.673	-0.070	-2.4	1.674
248228.3	842696.6	136.3	20.417	9.721	25.5	22.613	9.8	17.995	2.054	0.188	5.2	2.063	1.7	1.647	-0.068	-2.4	1.648
248227.7	842695.8	136.2	20.602	9.775	25.4	22.803	9.7	18.146	2.085	0.199	5.5	2.095	1.7	1.656	-0.069	-2.4	1.657
248227.1	842695.0	136.2	20.842	9.851	25.3	23.053	9.5	18.345	2.117	0.210	5.7	2.127	1.7	1.723	-0.076	-2.5	1.725
248226.5	842694.2	136.2	21.085	9.926	25.2	23.305	9.4	18.545	2.150	0.222	5.9	2.161	1.7	1.790	-0.084	-2.7	1.792
248225.9	842693.4	136.2	21.330	10.001	25.1	23.559	9.2	18.747	2.183	0.233	6.1	2.195	1.7	1.856	-0.093	-2.9	1.859
248225.3	842692.6	136.2	21.578	10.077	25.0	23.815	9.1	18.951	2.217	0.245	6.3	2.230	1.7	1.921	-0.102	-3.0	1.924
248224.7	842691.8	136.2	21.821	10.150	24.9	24.066	9.0	19.151	2.251	0.256	6.5	2.265	1.6	1.979	-0.111	-3.2	1.982
248224.1	842691.0	136.2	22.040	10.213	24.9	24.291	8.8	19.330	2.285	0.267	6.7	2.301	1.6	2.006	-0.117	-3.3	2.010
248223.5	842690.1	136.2	22.261	10.276	24.8	24.519	8.7	19.511	2.320	0.279	6.8	2.337	1.6	2.032	-0.124	-3.5	2.036
248223.0	842689.3	136.2	22.484	10.339	24.7	24.747	8.6	19.693	2.356	0.290	7.0	2.373	1.5	2.056	-0.130	-3.6	2.060
248222.4	842688.5	136.2	22.712	10.403	24.6	24.982	8.5	19.880	2.392	0.301	7.2	2.411	1.5	2.083	-0.137	-3.8	2.088
248221.8	842687.7	136.2	22.944	10.468	24.5	25.219	8.3	20.069	2.428	0.313	7.3	2.448	1.4	2.111	-0.144	-3.9	2.116
248221.2	842686.9	136.2	23.178	10.533	24.4	25.459	8.2	20.259	2.465	0.324	7.5	2.487	1.4	2.137	-0.152	-4.1	2.143
248220.6	842686.1	136.2	23.413	10.598	24.4	25.700	8.1	20.451	2.503	0.336	7.6	2.525	1.3	2.162	-0.159	-4.2	2.168
248220.0	842685.3	136.1	23.650	10.663	24.3	25.943	7.9	20.644	2.541	0.347	7.8	2.565	1.2	2.185	-0.167	-4.4	2.192
248219.4	842684.5	136.1	23.889	10.727	24.2	26.187	7.8	20.839	2.580	0.359	7.9	2.605	1.2	2.207	-0.174	-4.5	2.214
248218.8	842683.7	136.1	24.130	10.792	24.1	26.433	7.7	21.035	2.619	0.371	8.1	2.645	1.1	2.228	-0.182	-4.7	2.235
248218.2	842682.9	136.1	24.373	10.856	24.0	26.681	7.6	21.232	2.659	0.382	8.2	2.686	1.1	2.248	-0.189	-4.8	2.256
248217.6	842682.1	136.1	24.649	10.932	23.9	26.965	7.4	21.458	2.700	0.394	8.3	2.729	1.1	2.302	-0.202	-5.0	2.311
248217.0	842681.3	136.1	24.939	11.011	23.8	27.262	7.3	21.694	2.742	0.406	8.4	2.772	1.0	2.368	-0.217	-5.2	2.378
248216.4	842680.5	136.2	25.277	11.105	23.7	27.609	7.2	21.971	2.785	0.418	8.5	2.816	1.0	2.485	-0.239	-5.5	2.496
248215.8	842679.7	136.2	25.620	11.200	23.6	27.961	7.0	22.251	2.828	0.431	8.7	2.861	1.0	2.604	-0.263	-5.8	2.618
248215.3	842678.9	136.2	25.969	11.295	23.5	28.319	6.9	22.535	2.872	0.443	8.8	2.906	1.0	2.727	-0.287	-6.0	2.742
248214.7	842678.1	136.2	26.322	11.391	23.4	28.681	6.7	22.824	2.916	0.455	8.9	2.952	1.0	2.852	-0.312	-6.2	2.869
248214.1	842677.3	136.3	26.681	11.487	23.3	29.049	6.6	23.117	2.961	0.468	9.0	2.998	1.0	2.980	-0.338	-6.5	2.999
248213.5	842676.5	136.3	27.045	11.584	23.2	29.421	6.4	23.413	3.006	0.480	9.1	3.044	1.0	3.111	-0.364	-6.7	3.132
248212.9	842675.6	136.3	27.409	11.679	23.1	29.794	6.3	23.709	3.052	0.492	9.2	3.091	0.9	3.240	-0.390	-6.9	3.263
248212.3	842674.8	136.3	27.684	11.745	23.0	30.073	6.2	23.931	3.096	0.504	9.2	3.137	0.9	3.268	-0.400	-7.0	3.292
248211.7	842674.0	136.3	27.921	11.798	22.9	30.312	6.1	24.121	3.139	0.516	9.3	3.181	0.8	3.252	-0.402	-7.0	3.277
248211.1	842673.2	136.3	28.160	11.851	22.8	30.552	6.0	24.313	3.183	0.527	9.4	3.226	0.8	3.236	-0.403	-7.1	3.261
248210.5	842672.4	136.2	28.400	11.904	22.7	30.794	5.9	24.505	3.227	0.539	9.5	3.272	0.7	3.220	-0.404	-7.2	3.245
248209.9	842671.6	136.2	28.642	11.956	22.7	31.037	5.8	24.699	3.271	0.551	9.6	3.317	0.7	3.203	-0.404	-7.2	3.228
248209.3	842670.8	136.2	28.863	12.002	22.6	31.259	5.7	24.875	3.316	0.562	9.6	3.363	0.7	3.161	-0.400	-7.2	3.186
248208.7	842670.0	136.1	29.061	12.041	22.5	31.457	5.6	25.032	3.360	0.574	9.7	3.409	0.6	3.090	-0.390	-7.2	3.115
248208.1	842669.2	136.1	29.291	12.088	22.4	31.687	5.5	25.216	3.405	0.586	9.8	3.455	0.6	3.052	-0.386	-7.2	3.076

248207.6	842668.4	136.1	29.522	12.136	22.3	31.919	5.4	25.400	3.452	0.597	9.8	3.503	0.6	3.011	-0.381	-7.2	3.035
248207.0	842667.6	136.0	29.754	12.183	22.3	32.151	5.3	25.585	3.498	0.609	9.9	3.551	0.5	2.969	-0.376	-7.2	2.993
248206.4	842666.8	136.0	30.020	12.240	22.2	32.420	5.2	25.799	3.546	0.621	9.9	3.600	0.5	2.962	-0.377	-7.3	2.986
248205.8	842666.0	136.0	30.373	12.321	22.1	32.777	5.1	26.083	3.597	0.633	10.0	3.652	0.6	3.047	-0.395	-7.4	3.072
248205.2	842665.2	136.0	30.730	12.403	22.0	33.139	5.0	26.371	3.648	0.645	10.0	3.704	0.6	3.133	-0.413	-7.5	3.160
248204.6	842664.4	136.0	31.093	12.486	21.9	33.506	4.9	26.663	3.699	0.656	10.1	3.757	0.6	3.221	-0.432	-7.6	3.250
248204.0	842663.6	136.1	31.515	12.584	21.8	33.934	4.8	27.004	3.753	0.668	10.1	3.812	0.6	3.371	-0.462	-7.8	3.402
248203.4	842662.8	136.1	31.953	12.686	21.7	34.379	4.6	27.358	3.808	0.680	10.1	3.868	0.7	3.535	-0.496	-8.0	3.569
248202.8	842662.0	136.1	32.400	12.788	21.5	34.832	4.5	27.719	3.863	0.692	10.2	3.924	0.7	3.704	-0.531	-8.2	3.742
248202.2	842661.1	136.1	32.841	12.887	21.4	35.279	4.4	28.074	3.918	0.703	10.2	3.981	0.7	3.863	-0.564	-8.3	3.904
248201.6	842660.3	136.1	33.238	12.973	21.3	35.680	4.3	28.393	3.973	0.717	10.2	4.037	0.8	3.993	-0.598	-8.5	4.038
248201.0	842659.5	136.1	33.565	13.039	21.2	36.009	4.2	28.655	4.026	0.728	10.2	4.092	0.8	4.027	-0.609	-8.6	4.073
248200.4	842658.7	136.1	33.889	13.104	21.1	36.335	4.1	28.914	4.080	0.739	10.3	4.146	0.8	4.057	-0.620	-8.7	4.104
248199.8	842657.9	136.1	34.217	13.168	21.0	36.664	4.0	29.176	4.134	0.749	10.3	4.201	0.8	4.091	-0.631	-8.8	4.139
248199.3	842657.1	136.1	34.544	13.232	21.0	36.992	3.9	29.437	4.188	0.760	10.3	4.256	0.8	4.123	-0.641	-8.8	4.172
248198.7	842656.3	136.1	34.867	13.294	20.9	37.316	3.8	29.695	4.242	0.771	10.3	4.311	0.9	4.151	-0.652	-8.9	4.202
248198.1	842655.5	136.1	35.194	13.356	20.8	37.643	3.7	29.955	4.296	0.781	10.3	4.366	0.9	4.184	-0.663	-9.0	4.236
248197.5	842654.7	136.0	35.541	13.423	20.7	37.991	3.7	30.233	4.350	0.791	10.3	4.421	0.9	4.240	-0.678	-9.1	4.294
248196.9	842653.9	136.0	35.925	13.498	20.6	38.377	3.6	30.540	4.405	0.801	10.3	4.477	0.9	4.336	-0.701	-9.2	4.392
248196.3	842653.1	136.0	36.314	13.573	20.5	38.768	3.5	30.850	4.460	0.811	10.3	4.533	0.9	4.438	-0.726	-9.3	4.497
248195.7	842652.3	136.0	36.707	13.649	20.4	39.163	3.4	31.165	4.515	0.821	10.3	4.589	1.0	4.547	-0.751	-9.4	4.609
248195.1	842651.5	136.0	37.097	13.723	20.3	39.554	3.3	31.476	4.570	0.831	10.3	4.644	1.0	4.655	-0.776	-9.5	4.720
248194.5	842650.7	136.0	37.483	13.795	20.2	39.941	3.2	31.784	4.623	0.840	10.3	4.699	1.0	4.764	-0.801	-9.5	4.831
248193.9	842649.9	136.0	37.874	13.868	20.1	40.333	3.1	32.096	4.676	0.849	10.3	4.753	1.0	4.881	-0.828	-9.6	4.951
248193.3	842649.1	136.0	38.269	13.940	20.0	40.729	3.1	32.411	4.729	0.858	10.3	4.806	1.0	5.009	-0.855	-9.7	5.081
248192.7	842648.3	136.0	38.608	13.998	19.9	41.067	3.0	32.680	4.779	0.867	10.3	4.857	1.1	5.085	-0.873	-9.7	5.159
248192.1	842647.5	135.9	38.817	14.025	19.9	41.273	2.9	32.844	4.825	0.876	10.3	4.904	1.0	5.038	-0.868	-9.8	5.112
248191.6	842646.6	135.9	39.026	14.051	19.8	41.479	2.9	33.008	4.870	0.884	10.3	4.949	1.0	4.999	-0.863	-9.8	5.072
248191.0	842645.8	135.8	39.235	14.077	19.7	41.684	2.9	33.171	4.913	0.892	10.3	4.994	1.0	4.967	-0.859	-9.8	5.040
248190.4	842645.0	135.8	39.471	14.109	19.7	41.917	2.8	33.356	4.956	0.899	10.3	5.037	1.0	4.971	-0.861	-9.8	5.045
248189.8	842644.2	135.8	39.756	14.153	19.6	42.200	2.8	33.582	4.999	0.907	10.3	5.081	1.0	5.033	-0.873	-9.8	5.109
248189.2	842643.4	135.7	40.060	14.200	19.5	42.502	2.7	33.822	5.041	0.915	10.3	5.124	1.1	5.123	-0.890	-9.9	5.199
248188.6	842642.6	135.7	40.365	14.247	19.4	42.805	2.7	34.063	5.082	0.922	10.3	5.165	1.1	5.222	-0.908	-9.9	5.300
248188.0	842641.8	135.7	40.671	14.294	19.4	43.110	2.6	34.306	5.122	0.929	10.3	5.205	1.1	5.330	-0.927	-9.9	5.410
248187.4	842641.0	135.6	40.979	14.341	19.3	43.416	2.6	34.549	5.161	0.936	10.3	5.245	1.1	5.448	-0.948	-9.9	5.530
248186.8	842640.2	135.6	41.126	14.351	19.2	43.558	2.6	34.662	5.194	0.942	10.3	5.279	1.1	5.418	-0.940	-9.8	5.499
248186.2	842639.4	135.5	41.205	14.346	19.2	43.631	2.5	34.721	5.225	0.948	10.3	5.311	1.1	5.328	-0.922	-9.8	5.407
248185.6	842638.6	135.4	41.291	14.342	19.2	43.711	2.5	34.784	5.256	0.954	10.3	5.342	1.1	5.252	-0.906	-9.8	5.330
248185.0	842637.8	135.4	41.403	14.344	19.1	43.817	2.5	34.869	5.287	0.960	10.3	5.373	1.1	5.209	-0.896	-9.8	5.286
248184.4	842637.0	135.3	41.512	14.346	19.1	43.921	2.5	34.951	5.317	0.965	10.3	5.404	1.1	5.170	-0.888	-9.7	5.245
248183.9	842636.2	135.2	41.618	14.347	19.0	44.021	2.5	35.031	5.348	0.971	10.3	5.435	1.1	5.134	-0.880	-9.7	5.209
248183.3	842635.4	135.2	41.721	14.348	19.0	44.119	2.5	35.109	5.378	0.976	10.3	5.465	1.1	5.101	-0.873	-9.7	5.175
248182.7	842634.6	135.1	42.031	14.394	18.9	44.427	2.4	35.354	5.413	0.980	10.3	5.501	1.2	5.277	-0.905	-9.7	5.354
248182.1	842633.8	135.1	42.345	14.440	18.8	44.740	2.4	35.603	5.448	0.985	10.2	5.537	1.2	5.463	-0.939	-9.8	5.543
248181.5	842633.0	135.1	42.662	14.487	18.8	45.055	2.4	35.853	5.483	0.990	10.2	5.571	1.3	5.657	-0.975	-9.8	5.740
248180.9	842632.1	135.1	42.980	14.533	18.7	45.371	2.3	36.105	5.517	0.994	10.2	5.605	1.3	5.859	-1.011	-9.8	5.945
248180.3	842631.3	135.0	43.161	14.550	18.6	45.548	2.3	36.246	5.545	0.998	10.2	5.634	1.3	5.938	-1.026	-9.8	6.026
248179.7	842630.5	134.9	43.270	14.552	18.6	45.652	2.3	36.328	5.569	1.002	10.2	5.659	1.3	5.958	-1.029	-9.8	6.046
248179.1	842629.7	134.9	43.376	14.552	18.5	45.752	2.3	36.408	5.592	1.005	10.2	5.682	1.3	5.985	-1.033	-9.8	6.074
248178.5	842628.9	134.8	43.478	14.553	18.5	45.849	2.3	36.485	5.612	1.008	10.2	5.702	1.3	6.021	-1.037	-9.8	6.109
248177.9	842628.1	134.7	43.468	14.529	18.5	45.832	2.3	36.472	5.627	1.012	10.2	5.717	1.3	5.960	-1.024	-9.7	6.048
248177.3	842627.3	134.6	43.421	14.499	18.5	45.778	2.3	36.429	5.639	1.015	10.2	5.729	1.2	5.877	-1.006	-9.7	5.963
248176.7	842626.5	134.6	43.371	14.468	18.4	45.720	2.3	36.383	5.648	1.017	10.2	5.739	1.2	5.801	-0.988	-9.7	5.885
248176.1	842625.7	134.5	43.316	14.436	18.4	45.658	2.3	36.334	5.656	1.020	10.2	5.747	1.2	5.732	-0.971	-9.6	5.814
248175.6	842624.9	134.4	43.257	14.403	18.4	45.592	2.4	36.281	5.662	1.022	10.2	5.754	1.2	5.670	-0.955	-9.6	5.750
248175.0	842624.1	134.3	43.194	14.370	18.4	45.522	2.4	36.225	5.667	1.025	10.2	5.759	1.2	5.613	-0.940	-9.5	5.691
248174.4	842623.3	134.2	43.127	14.336	18.4	45.448	2.4	36.166	5.670	1.027	10.3	5.763	1.2	5.561	-0.925	-9.4	5.637
248173.8	842622.5	134.1	43.056	14.302	18.4	45.369	2.4	36.104	5.673	1.029	10.3	5.765	1.2	5.512	-0.911	-9.4	5.587
248173.2	842621.7	134.0	42.986	14.268	18.4	45.292	2.4	36.042	5.675	1.030	10.3	5.768	1.2	5.471	-0.899	-9.3	5.544
248172.6	842620.9	134.0	42.946	14.241	18.3	45.245	2.4	36.005	5.678	1.032	10.3	5.771	1.2	5.465	-0.894	-9.3	5.538
248172.0	842620.1	133.9	42.902	14.213	18.3	45.195	2.5	35.965	5.680	1.033	10.3	5.774	1.2	5.461	-0.890	-9.3	5.533
248171.4	842619.3	133.8	42.860	14.185	18.3	45.147	2.5	35.926	5.683	1.034	10.3	5.776	1.2	5.463	-0.887	-9.2	5.535
248170.8	842618.5	133.7	42.664	14.126	18.3	44.942	2.5	35.764	5.681	1.035	10.3	5.774	1.2	5.320	-0.859	-9.2	5.389
248170.2	842617.6	133.6	42.641	14.103	18.3	44.913	2.5	35.740	5.684	1.035	10.3	5.778	1.2	5.348	-0.864	-9.2	5.417
248169.6	842616.8	133.5	42.614	14.079	18.3	44.879	2.5	35.714	5.687	1.036	10.3	5.781	1.2	5.376	-0.869	-9.2	5.446
248169.0	842616.0	133.5	42.582	14.055	18.3	44.842	2.5	35.684	5.690	1.036	10.3	5.783	1.2	5.405	-0.875	-9.2	5.475
248168.4	842615.2	133.4	42.546	14.030	18.3	44.800	2.6	35.651	5.691	1.036	10.3	5.785	1.2	5.434	-0.883	-9.2	5.505
248167.9	842614.4	133.3	42.506	14.004	18.2	44.754	2.6	35.614	5.693	1.036	10.3	5.786	1.3	5.464	-0.891	-9.3	5.536
248167.3	842613.6	133.2	42.462	13.978	18.2	44.704	2.6	35.574	5.693	1.035	10.3	5.786	1.3	5.496	-0.900	-9.3	5.569
248166.7	842612.8	133.2	42.414	13.951	18.2	44.650	2.6	35.531	5.692	1.035	10.3	5.785	1.3	5.530	-0.910	-9.3	5.604
248166.1	842612.0	133.1	42.362	13.924	18.2	44.592	2.6	35.485	5.689	1.034	10.3	5.782	1.3	5.567	-0.920	-9.4	5.643
248165.5	842611.2	133.0	42.231	13.880	18.2	44.454	2.6	35.375	5.683	1.033	10.3	5.776	1.2	5.536	-0.919	-9.4	5.612
248164.9	842610.4	132.9	42.035	13.823	18.2	44.249	2.7	35.212	5.673	1.032	10.3	5.766	1.2	5.448	-0.907	-9.4	5.523
248164.3	842609.6	132.8	42.063	13.813	18.2	44.273	2.7	35.232	5.667	1.030	10.3	5.760	1.2	5.593	-0.937	-9.5	5.671
248163.7	842608.8	132.8	42.111	13.807	18.2	44.317	2.7	35.266	5.659	1.029	10.3	5.752	1.2	5.766	-0.971	-9.6	5.848
248163.1	842608.0	132.7	41.826	13.732	18.2	44.022	2.7	35.032	5.639	1.027	10.3	5.732	1.2	5.621	-0.947	-9.6	5.700
248162.5	842607.2	132.5	41.162	13.580	18.3	43.344	2.8	34.492	5.607	1.025	10.4	5.700	1.1	5.106	-0.856	-9.5	5.177
248161.9	842606.4	132.4	41.068	13.545	18.3	43.244	2.8	34.413	5.588	1.023	10.4	5.681	1.1	5.171	-0.869	-9.5	5.244
248161.3	842605.6	132.3	40.971	13.510	18.2	43.141	2.8	34.330	5.568	1.021	10.4	5.660	1.1	5.242	-0.882	-9.6	5.316
248160.7	842604.8	132.3	40.927	13.486	18.2	43.091	2.8	34.291	5.547	1.018	10.4	5.640	1.1	5.375	-0.907	-9.6	5.451
248160.2	842604.0	132.2	40.905	13.466	18.2	43.065	2.8	34.270	5.526	1.016	10.4	5.618	1.1	5.537	-0.937	-9.6	5.616
248159.6	842603.1	132.2	40.881	13.447	18.2	43.036	2.9	34.247	5.504	1.014	10.4	5.596	1.1	5.703	-0.967	-9.6	5.785
248159.0	842602.3	132.1	40.853	13.427	18.2	43.003	2.9	34.220	5.481	1.011	10.5	5.574	1.2	5.870	-0.997	-9.6	5.954
248158.4	842601.5	131.9	40.256	13.289	18.3	42.393	2.9	33.735	5.441	1.008	10.5	5.533	1.1	5.471	-0.923	-9.6	5.548
248157.8	842600.7	131.8	39.789	13.177	18.3	41.914	3.0	33.354	5.404	1.005	10.5	5.497	1.0	5.199	-0.872	-9.5	5.271
248157.2	842599.9	131.7	39.606	13.125	18.3	41.724	3.0	33.203	5.377	1.002	10.6	5.469	1.1	5.217	-0.875	-9.5	5.290
248156.6	842599.1	131.6	39.421	13.073	18.3	41.532	3.0	33.050	5.349	0.999	10.6	5.442	1.1	5.231	-0.877	-9.5	5.304

248156.0	842598.3	131.5	39.233	13.020	18.4	41.337	3.0	32.895	5.323	0.996	10.6	5.415	1.1	5.241	-0.879	-9.5	5.314
248155.4	842597.5	131.4	39.042	12.967	18.4	41.139	3.1	32.738	5.297	0.993	10.6	5.390	1.1	5.244	-0.881	-9.5	5.318
248154.8	842596.7	131.3	38.734	12.889	18.4	40.822	3.1	32.485	5.269	0.989	10.6	5.361	1.1	5.122	-0.859	-9.5	5.193
248154.2	842595.9	131.2	38.324	12.789	18.5	40.401	3.1	32.150	5.240	0.986	10.7	5.332	1.1	4.886	-0.818	-9.5	4.954
248153.6	842595.1	131.1	38.060	12.720	18.5	40.130	3.2	31.934	5.216	0.983	10.7	5.308	1.1	4.797	-0.804	-9.5	4.864
248153.0	842594.3	131.0	37.796	12.651	18.5	39.857	3.2	31.717	5.194	0.980	10.7	5.285	1.1	4.699	-0.789	-9.5	4.765
248152.4	842593.5	130.9	37.624	12.602	18.5	39.679	3.2	31.575	5.175	0.977	10.7	5.267	1.1	4.692	-0.793	-9.6	4.758
248151.9	842592.7	130.8	37.565	12.578	18.5	39.614	3.2	31.524	5.162	0.975	10.7	5.253	1.1	4.797	-0.818	-9.7	4.866
248151.3	842591.9	130.8	37.502	12.553	18.5	39.547	3.2	31.470	5.149	0.972	10.7	5.240	1.1	4.892	-0.842	-9.8	4.964
248150.7	842591.1	130.7	37.340	12.506	18.5	39.379	3.2	31.337	5.134	0.969	10.7	5.225	1.1	4.877	-0.845	-9.8	4.950
248150.1	842590.3	130.6	37.078	12.438	18.5	39.109	3.3	31.122	5.118	0.967	10.7	5.208	1.1	4.748	-0.829	-9.9	4.820
248149.5	842589.5	130.5	36.815	12.370	18.6	38.838	3.3	30.906	5.102	0.964	10.7	5.192	1.1	4.612	-0.811	-10.0	4.683
248148.9	842588.6	130.4	36.653	12.324	18.6	38.670	3.3	30.772	5.090	0.962	10.7	5.180	1.1	4.580	-0.813	-10.1	4.651
248148.3	842587.8	130.4	36.605	12.303	18.6	38.617	3.3	30.731	5.081	0.959	10.7	5.171	1.1	4.666	-0.838	-10.2	4.741
248147.7	842587.0	130.3	36.658	12.304	18.6	38.668	3.3	30.771	5.075	0.957	10.7	5.165	1.1	4.859	-0.883	-10.3	4.938
248147.1	842586.2	130.3	36.708	12.304	18.5	38.715	3.3	30.809	5.070	0.955	10.7	5.159	1.1	5.046	-0.927	-10.4	5.131
248146.5	842585.4	130.3	36.743	12.301	18.5	38.748	3.3	30.834	5.063	0.953	10.7	5.152	1.2	5.217	-0.967	-10.5	5.305
248145.9	842584.6	130.2	36.667	12.274	18.5	38.667	3.3	30.770	5.052	0.951	10.7	5.141	1.1	5.269	-0.985	-10.6	5.360
248145.3	842583.8	130.1	36.403	12.207	18.5	38.395	3.3	30.554	5.035	0.948	10.7	5.124	1.1	5.122	-0.966	-10.7	5.212
248144.7	842583.0	130.0	36.168	12.146	18.6	38.153	3.3	30.361	5.018	0.946	10.7	5.106	1.1	5.006	-0.952	-10.8	5.096
248144.2	842582.2	130.0	36.054	12.111	18.6	38.034	3.4	30.267	5.002	0.944	10.7	5.091	1.0	5.025	-0.962	-10.8	5.117
248143.6	842581.4	129.9	36.082	12.107	18.5	38.059	3.4	30.287	4.990	0.942	10.7	5.078	1.1	5.201	-1.001	-10.9	5.296
248143.0	842580.6	129.9	36.107	12.103	18.5	38.081	3.4	30.304	4.976	0.939	10.7	5.064	1.1	5.376	-1.039	-10.9	5.475
248142.4	842579.8	129.8	35.931	12.055	18.5	37.899	3.4	30.159	4.955	0.937	10.7	5.043	1.1	5.339	-1.037	-11.0	5.438
248141.8	842579.0	129.7	35.610	11.976	18.6	37.570	3.4	29.897	4.929	0.934	10.7	5.017	1.0	5.148	-1.006	-11.1	5.245
248141.2	842578.2	129.6	35.241	11.886	18.6	37.192	3.4	29.596	4.901	0.932	10.8	4.989	1.0	4.904	-0.964	-11.1	4.998
248140.6	842577.4	129.5	34.875	11.796	18.7	36.816	3.4	29.297	4.873	0.929	10.8	4.961	0.9	4.662	-0.922	-11.2	4.752
248140.0	842576.6	129.4	34.753	11.760	18.7	36.689	3.4	29.196	4.852	0.926	10.8	4.940	0.9	4.691	-0.931	-11.2	4.783
248139.4	842575.8	129.4	34.660	11.730	18.7	36.591	3.4	29.118	4.832	0.923	10.8	4.919	1.0	4.752	-0.947	-11.3	4.846
248138.8	842575.0	129.3	34.530	11.693	18.7	36.456	3.5	29.011	4.811	0.921	10.8	4.898	1.0	4.773	-0.955	-11.3	4.868
248138.2	842574.1	129.3	34.398	11.655	18.7	36.319	3.5	28.901	4.790	0.918	10.8	4.878	1.0	4.790	-0.964	-11.4	4.886
248137.6	842573.3	129.2	34.222	11.607	18.7	36.137	3.5	28.757	4.769	0.915	10.9	4.856	1.0	4.758	-0.963	-11.4	4.855
248137.0	842572.5	129.1	34.038	11.558	18.8	35.946	3.5	28.605	4.748	0.911	10.9	4.835	1.0	4.716	-0.961	-11.5	4.812
248136.5	842571.7	129.0	33.875	11.513	18.8	35.778	3.5	28.471	4.728	0.908	10.9	4.815	1.0	4.696	-0.963	-11.6	4.794
248135.9	842570.9	129.0	33.811	11.491	18.8	35.710	3.5	28.417	4.711	0.905	10.9	4.797	1.0	4.787	-0.988	-11.7	4.888
248135.3	842570.1	129.0	33.891	11.501	18.7	35.789	3.5	28.480	4.698	0.902	10.9	4.784	1.1	5.039	-1.043	-11.7	5.146
248134.7	842569.3	129.0	33.887	11.492	18.7	35.783	3.5	28.475	4.682	0.899	10.9	4.768	1.1	5.199	-1.080	-11.7	5.310
248134.1	842568.5	128.9	33.806	11.466	18.7	35.698	3.5	28.407	4.664	0.896	10.9	4.749	1.1	5.271	-1.101	-11.8	5.385
248133.5	842567.7	128.8	33.616	11.416	18.8	35.502	3.5	28.251	4.642	0.893	10.9	4.727	1.1	5.225	-1.099	-11.9	5.339
248132.9	842566.9	128.8	33.414	11.363	18.8	35.293	3.5	28.086	4.619	0.889	10.9	4.704	1.1	5.166	-1.094	-12.0	5.280
248132.3	842566.1	128.7	33.186	11.304	18.8	35.058	3.5	27.899	4.594	0.886	10.9	4.679	1.1	5.078	-1.083	-12.0	5.193
248131.7	842565.3	128.6	32.955	11.245	18.8	34.821	3.5	27.709	4.569	0.883	10.9	4.654	1.0	4.989	-1.072	-12.1	5.103
248131.1	842564.5	128.5	32.724	11.185	18.9	34.583	3.5	27.520	4.543	0.879	11.0	4.628	1.0	4.899	-1.061	-12.2	5.013
248130.5	842563.7	128.5	32.492	11.125	18.9	34.344	3.5	27.330	4.518	0.876	11.0	4.602	1.0	4.809	-1.049	-12.3	4.922
248129.9	842562.9	128.4	32.261	11.065	18.9	34.105	3.5	27.140	4.492	0.872	11.0	4.576	1.0	4.719	-1.037	-12.4	4.831
248129.3	842562.1	128.3	32.028	11.005	19.0	33.866	3.5	26.950	4.466	0.869	11.0	4.550	1.0	4.627	-1.025	-12.5	4.739
248128.7	842561.3	128.3	31.983	10.988	19.0	33.818	3.5	26.912	4.446	0.866	11.0	4.529	1.0	4.750	-1.054	-12.5	4.866
248128.2	842560.5	128.2	31.961	10.976	19.0	33.793	3.5	26.892	4.426	0.863	11.0	4.509	1.0	4.899	-1.089	-12.5	5.019
248127.6	842559.6	128.2	31.775	10.927	19.0	33.601	3.5	26.739	4.403	0.859	11.0	4.486	1.0	4.858	-1.087	-12.6	4.978
248127.0	842558.8	128.1	31.588	10.877	19.0	33.408	3.5	26.585	4.379	0.856	11.1	4.462	1.0	4.813	-1.085	-12.7	4.934
248126.4	842558.0	128.0	31.399	10.827	19.0	33.214	3.5	26.431	4.356	0.852	11.1	4.439	1.0	4.766	-1.083	-12.8	4.887
248125.8	842557.2	128.0	31.210	10.777	19.0	33.018	3.5	26.275	4.334	0.849	11.1	4.416	1.0	4.715	-1.080	-12.9	4.837
248125.2	842556.4	127.9	31.057	10.735	19.1	32.860	3.5	26.149	4.313	0.845	11.1	4.395	1.0	4.705	-1.085	-13.0	4.828
248124.6	842555.6	127.9	30.907	10.694	19.1	32.705	3.5	26.026	4.292	0.841	11.1	4.374	1.0	4.696	-1.091	-13.1	4.821
248124.0	842554.8	127.8	30.750	10.651	19.1	32.543	3.5	25.897	4.271	0.838	11.1	4.352	1.0	4.678	-1.095	-13.2	4.805
248123.4	842554.0	127.8	30.777	10.652	19.1	32.568	3.5	25.917	4.255	0.835	11.1	4.336	1.1	4.874	-1.141	-13.2	5.006
248122.8	842553.2	127.8	30.901	10.675	19.1	32.694	3.5	26.017	4.242	0.832	11.1	4.323	1.1	5.184	-1.209	-13.1	5.323
248122.2	842552.4	127.7	30.646	10.610	19.1	32.431	3.5	25.808	4.219	0.828	11.1	4.299	1.1	5.049	-1.190	-13.3	5.187
248121.6	842551.6	127.7	30.392	10.544	19.1	32.169	3.5	25.599	4.195	0.824	11.1	4.275	1.1	4.913	-1.171	-13.4	5.051
248121.0	842550.8	127.6	30.138	10.479	19.2	31.907	3.5	25.391	4.171	0.820	11.1	4.251	1.0	4.776	-1.152	-13.6	4.913
248120.5	842550.0	127.5	29.895	10.416	19.2	31.658	3.5	25.193	4.148	0.817	11.1	4.227	1.0	4.651	-1.135	-13.7	4.788
248119.9	842549.2	127.5	29.777	10.382	19.2	31.535	3.5	25.094	4.127	0.813	11.1	4.206	1.0	4.673	-1.146	-13.8	4.812
248119.3	842548.4	127.4	29.668	10.351	19.2	31.422	3.5	25.005	4.107	0.810	11.2	4.186	1.0	4.708	-1.159	-13.8	4.848
248118.7	842547.6	127.4	29.558	10.320	19.2	31.308	3.5	24.914	4.086	0.806	11.2	4.165	1.0	4.740	-1.171	-13.9	4.882
248118.1	842546.8	127.3	29.447	10.288	19.3	31.192	3.5	24.822	4.065	0.803	11.2	4.144	1.0	4.769	-1.182	-13.9	4.914
248117.5	842546.0	127.3	29.333	10.256	19.3	31.074	3.5	24.728	4.044	0.799	11.2	4.122	1.0	4.796	-1.192	-14.0	4.942
248116.9	842545.1	127.3	29.218	10.223	19.3	30.955	3.5	24.633	4.023	0.796	11.2	4.101	1.0	4.821	-1.202	-14.0	4.968
248116.3	842544.3	127.2	29.101	10.190	19.3	30.833	3.5	24.536	4.001	0.793	11.2	4.079	1.0	4.842	-1.210	-14.0	4.991
248115.7	842543.5	127.2	28.982	10.157	19.3	30.710	3.5	24.439	3.979	0.789	11.2	4.057	1.0	4.861	-1.216	-14.0	5.011
248115.1	842542.7	127.1	28.864	10.123	19.3	30.587	3.5	24.341	3.957	0.786	11.2	4.034	1.0	4.878	-1.222	-14.1	5.029
248114.5	842541.9	127.1	28.666	10.071	19.4	30.384	3.5	24.179	3.932	0.783	11.3	4.010	0.9	4.799	-1.208	-14.1	4.948
248113.9	842541.1	127.0	28.389	9.999	19.4	30.098	3.5	23.951	3.906	0.779	11.3	3.983	0.9	4.618	-1.173	-14.2	4.765
248113.3	842540.3	126.9	28.110	9.926	19.4	29.811	3.5	23.723	3.879	0.776	11.3	3.956	0.8	4.432	-1.136	-14.4	4.575
248112.8	842539.5	126.8	27.823	9.851	19.5	29.515	3.4	23.488	3.853	0.772	11.3	3.930	0.8	4.228	-1.094	-14.5	4.367
248112.2	842538.7	126.8	27.715	9.820	19.5	29.403	3.4	23.398	3.832	0.769	11.4	3.909	0.8	4.241	-1.095	-14.5	4.380
248111.6	842537.9	126.8	27.636	9.796	19.5	29.321	3.4	23.333	3.813	0.767	11.4	3.889	0.8	4.283	-1.101	-14.4	4.422
248111.0	842537.1	126.7	27.556	9.772	19.5	29.237	3.4	23.266	3.794	0.764	11.4	3.870	0.8	4.316	-1.105	-14.4	4.455
248110.4	842536.3	126.7	27.439	9.739	19.5	29.116	3.4	23.170	3.775	0.762	11.4	3.851	0.8	4.295	-1.098	-14.3	4.433
248109.8	842535.5	126.7	27.300	9.701	19.6	28.972	3.4	23.055	3.757	0.760	11.4	3.833	0.8	4.238	-1.082	-14.3	4.374
248109.2	842534.7	126.6	27.143	9.658	19.6	28.810	3.4	22.926	3.740	0.758	11.5	3.816	0.8	4.147	-1.060	-14.3	4.281
248108.6	842533.9	126.6	26.986	9.614	19.6	28.647	3.4	22.797	3.724	0.756	11.5	3.800	0.8	4.044	-1.034	-14.3	4.174
248108.0	842533.1	126.5	26.828	9.571	19.6	28.484	3.4	22.667	3.710	0.755	11.5	3.786	0.8	3.926	-1.005	-14.4	4.053
248107.4	842532.3	126.5	26.670	9.527	19.7	28.320	3.3	22.537	3.697	0.754	11.5	3.773	0.7	3.793	-0.973	-14.4	3.915
248106.8	842531.5	126.4	26.511	9.484	19.7	28.156	3.3	22.406	3.687	0.753	11.5	3.763	0.7	3.642	-0.937	-14.4	3.760
248106.2	842530.6	126.4	26.351	9.439	19.7	27.991	3.3	22.274	3.680	0.753	11.6	3.756	0.7	3.471	-0.897	-14.5	3.585
248105.6	842529.8	126.3	26.228	9.405	19.7	27.863	3.3	22.173	3.676	0.753	11.6	3.753	0.7	3.328	-0.863	-14.5	3.438
248105.1	842529.0	126.3	26.149	9.381	19.7	27.781	3.3	22.107	3.677	0.753	11.6	3.753	0.7	3.221	-0.837	-14.6	3.328

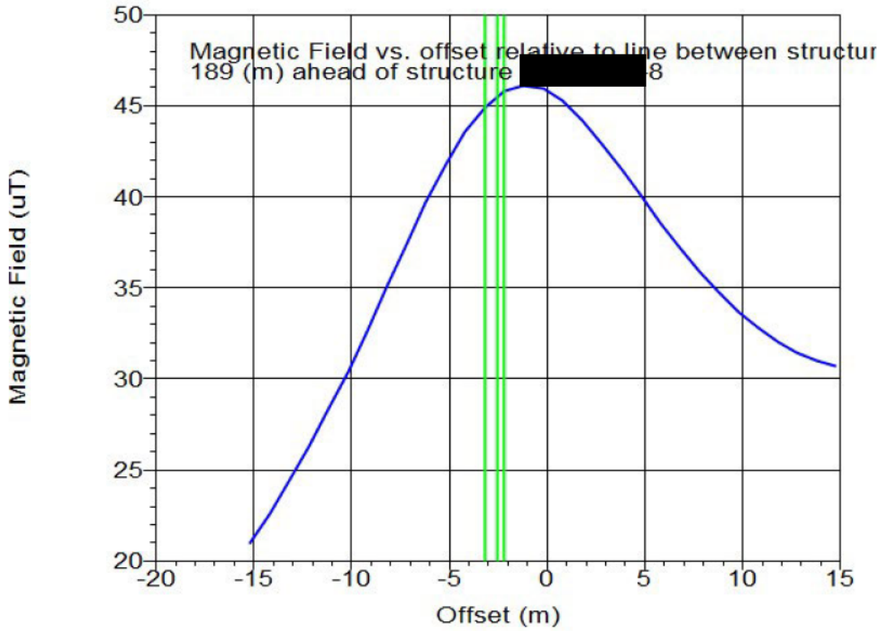
248104.5	842528.2	126.4	26.252	9.404	19.7	27.885	3.3	22.190	3.686	0.755	11.6	3.762	0.7	3.327	-0.855	-14.4	3.435
248103.9	842527.4	126.4	26.399	9.439	19.7	28.036	3.3	22.310	3.699	0.757	11.6	3.776	0.8	3.467	-0.881	-14.3	3.577
248103.3	842526.6	126.5	26.546	9.473	19.6	28.185	3.3	22.429	3.716	0.759	11.5	3.793	0.8	3.583	-0.904	-14.2	3.695
248102.7	842525.8	126.5	26.678	9.503	19.6	28.320	3.3	22.537	3.736	0.762	11.5	3.813	0.9	3.657	-0.919	-14.1	3.771
248102.1	842525.0	126.6	26.828	9.538	19.6	28.473	3.3	22.658	3.760	0.765	11.5	3.837	0.9	3.731	-0.936	-14.1	3.847
248101.5	842524.2	126.7	26.996	9.577	19.5	28.645	3.3	22.795	3.788	0.768	11.5	3.865	0.9	3.805	-0.954	-14.1	3.923
248100.9	842523.4	126.7	27.161	9.616	19.5	28.813	3.3	22.929	3.818	0.771	11.4	3.895	0.9	3.854	-0.968	-14.1	3.974
248100.3	842522.6	126.8	27.336	9.657	19.5	28.992	3.3	23.071	3.851	0.775	11.4	3.929	1.0	3.896	-0.982	-14.2	4.018
248099.7	842521.8	126.9	27.505	9.696	19.4	29.163	3.3	23.208	3.887	0.779	11.3	3.964	1.0	3.910	-0.993	-14.2	4.034
248099.1	842521.0	127.0	27.699	9.741	19.4	29.362	3.3	23.365	3.925	0.783	11.3	4.002	1.0	3.941	-1.007	-14.3	4.067
248098.5	842520.2	127.1	27.919	9.793	19.3	29.586	3.3	23.544	3.965	0.788	11.2	4.042	1.0	3.988	-1.026	-14.4	4.118
248097.9	842519.4	127.1	28.131	9.843	19.3	29.803	3.3	23.716	4.006	0.792	11.2	4.083	1.0	4.013	-1.042	-14.6	4.146
248097.3	842518.6	127.3	28.454	9.919	19.2	30.133	3.3	23.979	4.050	0.796	11.1	4.127	1.0	4.166	-1.084	-14.6	4.304
248096.8	842517.8	127.4	28.840	10.011	19.1	30.528	3.3	24.293	4.094	0.801	11.1	4.172	1.0	4.387	-1.139	-14.6	4.533
248096.2	842517.0	127.5	29.231	10.103	19.1	30.928	3.3	24.612	4.137	0.806	11.0	4.215	1.0	4.611	-1.194	-14.5	4.764
248095.6	842516.1	127.7	29.638	10.199	19.0	31.343	3.4	24.942	4.179	0.810	11.0	4.257	1.1	4.852	-1.252	-14.5	5.010
248095.0	842515.3	127.8	29.957	10.273	18.9	31.670	3.4	25.202	4.215	0.814	10.9	4.293	1.1	4.992	-1.288	-14.5	5.155
248094.4	842514.5	127.9	30.278	10.347	18.9	31.997	3.4	25.462	4.249	0.818	10.9	4.327	1.1	5.139	-1.324	-14.4	5.307
248093.8	842513.7	128.1	31.025	10.521	18.7	32.761	3.4	26.070	4.291	0.823	10.9	4.369	1.2	5.782	-1.455	-14.1	5.962
248093.2	842512.9	128.3	31.503	10.630	18.6	33.248	3.5	26.458	4.322	0.827	10.8	4.401	1.2	6.118	-1.524	-14.0	6.305
248092.6	842512.1	128.4	31.801	10.697	18.6	33.551	3.5	26.699	4.346	0.831	10.8	4.425	1.2	6.262	-1.554	-13.9	6.452
248092.0	842511.3	128.5	32.243	10.797	18.5	34.003	3.5	27.059	4.371	0.835	10.8	4.450	1.3	6.576	-1.615	-13.8	6.771
248091.4	842510.5	128.7	32.695	10.899	18.4	34.463	3.6	27.425	4.394	0.838	10.8	4.474	1.3	6.907	-1.678	-13.7	7.108
248090.8	842509.7	128.8	33.153	11.001	18.4	34.930	3.6	27.797	4.416	0.842	10.8	4.495	1.4	7.252	-1.743	-13.5	7.459
248090.2	842508.9	128.8	33.001	10.965	18.4	34.775	3.6	27.673	4.415	0.843	10.8	4.495	1.3	6.964	-1.684	-13.6	7.164
248089.6	842508.1	128.6	32.134	10.766	18.5	33.890	3.5	26.969	4.391	0.843	10.9	4.472	1.1	5.909	-1.475	-14.0	6.090
248089.1	842507.3	128.6	32.071	10.750	18.5	33.825	3.5	26.917	4.390	0.845	10.9	4.471	1.0	5.734	-1.436	-14.1	5.911
248088.5	842506.5	128.6	32.040	10.742	18.5	33.793	3.5	26.891	4.388	0.846	10.9	4.469	1.0	5.609	-1.406	-14.1	5.783
248087.9	842505.7	128.6	31.975	10.726	18.5	33.726	3.5	26.838	4.384	0.847	10.9	4.465	1.0	5.458	-1.370	-14.1	5.627
248087.3	842504.9	128.7	31.901	10.708	18.6	33.650	3.5	26.778	4.377	0.847	11.0	4.458	1.0	5.309	-1.334	-14.1	5.474
248086.7	842504.1	128.7	31.866	10.699	18.6	33.614	3.5	26.749	4.370	0.848	11.0	4.451	1.0	5.215	-1.307	-14.1	5.376
248086.1	842503.3	128.8	32.055	10.741	18.5	33.806	3.5	26.902	4.367	0.848	11.0	4.448	1.0	5.383	-1.332	-13.9	5.545
248085.5	842502.4	128.8	32.176	10.769	18.5	33.931	3.5	27.001	4.360	0.849	11.0	4.442	1.1	5.484	-1.342	-13.8	5.646
248084.9	842501.6	128.9	32.275	10.791	18.5	34.031	3.6	27.081	4.353	0.849	11.0	4.435	1.1	5.566	-1.350	-13.6	5.727
248084.3	842500.8	128.9	32.330	10.803	18.5	34.087	3.6	27.126	4.343	0.849	11.1	4.425	1.2	5.607	-1.348	-13.5	5.767
248083.7	842500.0	128.9	32.141	10.759	18.5	33.893	3.5	26.972	4.326	0.848	11.1	4.408	1.1	5.384	-1.296	-13.5	5.538
248083.1	842499.2	128.9	32.068	10.741	18.5	33.820	3.5	26.913	4.312	0.847	11.1	4.394	1.2	5.293	-1.269	-13.5	5.443
248082.5	842498.4	128.9	31.953	10.714	18.5	33.702	3.5	26.819	4.298	0.847	11.1	4.380	1.2	5.155	-1.234	-13.5	5.300
248081.9	842497.6	128.9	31.665	10.647	18.6	33.407	3.5	26.584	4.280	0.846	11.2	4.362	1.1	4.821	-1.161	-13.5	4.959
248081.4	842496.8	128.9	31.457	10.598	18.6	33.194	3.5	26.415	4.266	0.844	11.2	4.349	1.1	4.573	-1.106	-13.6	4.705
248080.8	842496.0	128.8	31.115	10.517	18.7	32.845	3.5	26.137	4.250	0.843	11.2	4.333	1.0	4.166	-1.022	-13.8	4.289
248080.2	842495.2	128.8	30.712	10.421	18.7	32.432	3.4	25.808	4.236	0.841	11.2	4.319	1.0	3.675	-0.921	-14.1	3.788
248079.6	842494.4	128.8	30.827	10.448	18.7	32.549	3.4	25.902	4.236	0.840	11.2	4.319	1.0	3.774	-0.941	-14.0	3.889
248079.0	842493.6	128.9	30.940	10.475	18.7	32.665	3.4	25.994	4.238	0.840	11.2	4.320	1.1	3.862	-0.960	-14.0	3.979
248078.4	842492.8	129.0	31.055	10.502	18.7	32.783	3.4	26.088	4.241	0.839	11.2	4.323	1.1	3.944	-0.980	-13.9	4.064
248077.8	842492.0	129.1	31.294	10.558	18.6	33.027	3.5	26.282	4.249	0.838	11.2	4.331	1.2	4.158	-1.027	-13.9	4.282
248077.2	842491.2	129.2	31.499	10.607	18.6	33.237	3.5	26.449	4.257	0.838	11.1	4.338	1.3	4.323	-1.065	-13.8	4.453
248076.6	842490.4	129.3	31.694	10.653	18.6	33.437	3.5	26.608	4.265	0.837	11.1	4.346	1.3	4.471	-1.100	-13.8	4.604
248076.0	842489.6	129.4	31.936	10.710	18.5	33.684	3.6	26.805	4.275	0.837	11.1	4.356	1.4	4.661	-1.145	-13.8	4.800
248075.4	842488.8	129.5	32.094	10.748	18.5	33.846	3.6	26.933	4.282	0.837	11.1	4.363	1.4	4.754	-1.170	-13.8	4.896
248074.8	842487.9	129.6	32.171	10.766	18.5	33.924	3.6	26.996	4.288	0.836	11.0	4.369	1.4	4.753	-1.177	-13.9	4.896
248074.2	842487.1	129.6	32.036	10.735	18.5	33.787	3.6	26.887	4.287	0.836	11.0	4.368	1.3	4.517	-1.137	-14.1	4.658
248073.6	842486.3	129.6	32.139	10.760	18.5	33.892	3.6	26.971	4.293	0.836	11.0	4.373	1.3	4.538	-1.148	-14.2	4.681
248073.1	842485.5	129.7	32.316	10.803	18.5	34.073	3.6	27.115	4.300	0.836	11.0	4.380	1.3	4.636	-1.174	-14.2	4.782
248072.5	842484.7	129.8	32.493	10.845	18.5	34.256	3.6	27.260	4.307	0.837	11.0	4.387	1.3	4.732	-1.198	-14.2	4.881
248071.9	842483.9	129.9	32.743	10.904	18.4	34.511	3.7	27.463	4.316	0.837	11.0	4.396	1.4	4.900	-1.237	-14.2	5.054
248071.3	842483.1	130.0	32.864	10.934	18.4	34.635	3.7	27.562	4.321	0.838	11.0	4.402	1.4	4.925	-1.248	-14.2	5.081
248070.7	842482.3	130.2	33.324	11.042	18.3	35.105	3.8	27.936	4.337	0.839	11.0	4.418	1.5	5.304	-1.329	-14.1	5.468
248070.1	842481.5	130.2	33.174	11.009	18.4	34.953	3.8	27.815	4.336	0.839	11.0	4.417	1.5	5.035	-1.282	-14.3	5.196
248069.5	842480.7	130.2	33.031	10.977	18.4	34.808	3.7	27.699	4.337	0.839	11.0	4.417	1.4	4.768	-1.236	-14.5	4.926
248068.9	842479.9	130.4	33.373	11.058	18.3	35.158	3.8	27.978	4.351	0.840	10.9	4.431	1.5	5.011	-1.291	-14.4	5.175
248068.3	842479.1	130.6	34.090	11.226	18.2	35.891	3.9	28.561	4.377	0.843	10.9	4.457	1.6	5.635	-1.420	-14.1	5.811
248067.7	842478.3	130.7	34.287	11.274	18.2	36.093	3.9	28.722	4.387	0.843	10.9	4.467	1.7	5.716	-1.443	-14.2	5.895
248067.1	842477.5	130.8	34.523	11.330	18.2	36.335	4.0	28.914	4.398	0.844	10.9	4.478	1.7	5.835	-1.473	-14.2	6.018
248066.5	842476.7	130.9	34.758	11.387	18.1	36.575	4.0	29.106	4.408	0.845	10.9	4.488	1.7	5.954	-1.502	-14.2	6.140
248065.9	842475.9	131.0	34.991	11.443	18.1	36.814	4.1	29.296	4.417	0.846	10.8	4.497	1.7	6.072	-1.530	-14.1	6.262
248065.4	842475.1	131.1	35.210	11.496	18.1	37.039	4.1	29.475	4.424	0.847	10.8	4.505	1.8	6.180	-1.556	-14.1	6.373
248064.8	842474.3	131.2	35.337	11.527	18.1	37.169	4.1	29.578	4.427	0.848	10.8	4.508	1.8	6.202	-1.563	-14.1	6.396
248064.2	842473.4	131.2	34.834	11.415	18.1	36.657	4.1	29.170	4.410	0.847	10.9	4.491	1.6	5.603	-1.448	-14.5	5.787
248063.6	842472.6	131.3	35.096	11.478	18.1	36.925	4.1	29.384	4.414	0.848	10.9	4.495	1.6	5.775	-1.483	-14.4	5.962
248063.0	842471.8	131.3	34.737	11.398	18.2	36.559	4.1	29.093	4.399	0.847	10.9	4.480	1.4	5.330	-1.395	-14.7	5.510
248062.4	842471.0	131.3	34.755	11.406	18.2	36.579	4.1	29.108	4.394	0.847	10.9	4.475	1.4	5.275	-1.382	-14.7	5.454
248061.8	842470.2	131.3	34.387	11.323	18.2	36.203	4.0	28.809	4.377	0.846	10.9	4.458	1.3	4.834	-1.293	-15.0	5.004
248061.2	842469.4	131.4	34.604	11.377	18.2	36.426	4.1	28.987	4.372	0.846	11.0	4.453	1.3	5.003	-1.321	-14.8	5.175
248060.6	842468.6	131.6	35.082	11.492	18.1	36.917	4.2	29.377	4.373	0.847	11.0	4.454	1.5	5.445	-1.400	-14.4	5.622
248060.0	842467.8	131.6	34.794	11.428	18.2	36.622	4.1	29.143	4.352	0.846	11.0	4.434	1.3	5.121	-1.329	-14.5	5.291
248059.4	842467.0	131.7	34.679	11.405	18.2	36.506	4.1	29.051	4.335	0.846	11.0	4.416	1.3	4.983	-1.291	-14.5	5.148
248058.8	842466.2	131.8	35.013	11.486	18.2	36.849	4.2	29.323	4.327	0.846	11.1	4.409	1.4	5.308	-1.344	-14.2	5.476
248058.2	842465.4	131.9	34.963	11.479	18.2	36.799	4.2	29.284	4.308	0.846	11.1	4.390	1.4	5.256	-1.321	-14.1	5.420
248057.7	842464.6	131.9	34.872	11.461	18.2	36.707	4.2	29.211	4.288	0.845	11.1	4.370	1.4	5.170	-1.291	-14.0	5.329
248057.1	842463.8	132.0	34.810	11.451	18.2	36.644	4.2	29.161	4.268	0.844	11.2	4.351	1.4	5.120	-1.266	-13.9	5.274
248056.5	842463.0	132.0	34.849	11.464	18.2	36.687	4.2	29.194	4.251	0.844	11.2	4.333	1.5	5.179	-1.263	-13.7	5.331
248055.9	842462.2	132.1	34.802	11.457	18.2	36.639	4.2	29.157	4.231	0.843	11.3	4.314	1.5	5.155	-1.243	-13.6	5.303
248055.3	842461.4	132.1	34.641	11.423	18.3	36.476	4.2	29.026	4.209	0.841	11.3	4.292	1.5	5.021	-1.201	-13.4	5.163
248054.7	842460.6	132.2	34.478	11.389	18.3	36.310	4.2	28.894	4.187	0.840	11.3	4.271	1.5	4.889	-1.159	-13.3	5.024
248054.1	842459.8	132.2	34.356	11.364	18.3	36.186	4.2	28.796	4.167	0.839	11.4	4.251	1.5	4.801	-1.126	-13.2	4.931
248053.5	842458.9	132.3	34.488	11.400	18.3	36.323	4.2	28.905	4.153	0.838	11.4	4.237	1.6	4.970	-1.146	-13.0	5.101

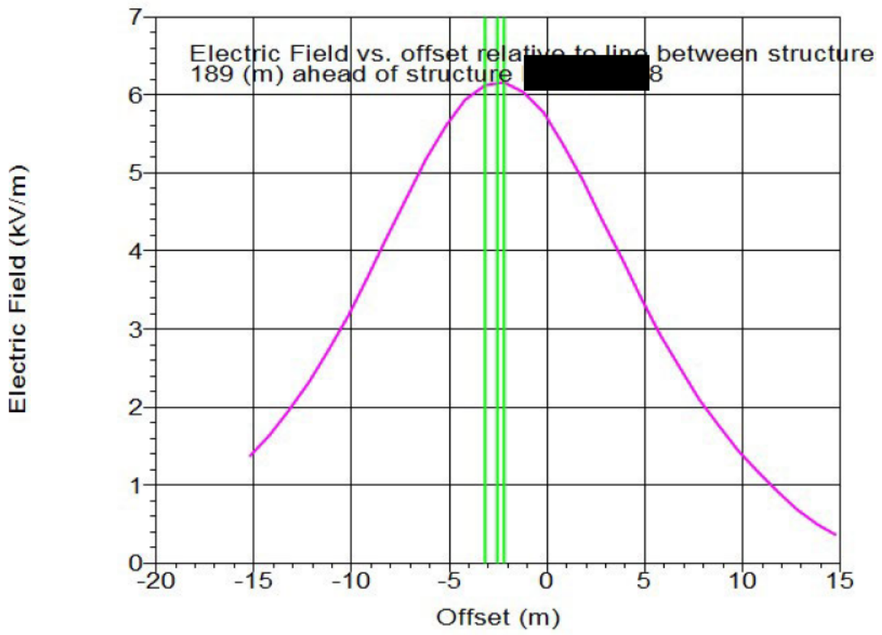
248052.9	842458.1	132.4	34.491	11.405	18.3	36.328	4.2	28.909	4.136	0.837	11.4	4.220	1.7	5.013	-1.141	-12.8	5.142
248052.3	842457.3	132.5	34.484	11.408	18.3	36.322	4.2	28.904	4.119	0.835	11.5	4.203	1.7	5.048	-1.135	-12.7	5.174
248051.7	842456.5	132.4	34.058	11.310	18.4	35.887	4.2	28.558	4.091	0.833	11.5	4.175	1.6	4.668	-1.044	-12.6	4.783
248051.1	842455.7	132.4	33.754	11.241	18.4	35.577	4.1	28.311	4.067	0.831	11.5	4.151	1.5	4.410	-0.979	-12.5	4.517
248050.5	842454.9	132.5	33.583	11.204	18.4	35.403	4.1	28.173	4.046	0.829	11.6	4.130	1.5	4.289	-0.943	-12.4	4.391
248049.9	842454.1	132.6	33.653	11.251	18.5	35.484	4.1	28.237	4.038	0.830	11.6	4.123	1.6	4.329	-0.932	-12.1	4.428
248049.4	842453.3	132.6	33.672	11.260	18.5	35.505	4.1	28.254	4.022	0.828	11.6	4.106	1.6	4.410	-0.939	-12.0	4.509
248048.8	842452.5	132.8	33.839	11.306	18.5	35.678	4.2	28.391	4.008	0.827	11.7	4.092	1.7	4.646	-0.980	-11.9	4.748
248048.2	842451.7	132.9	34.057	11.364	18.5	35.903	4.2	28.571	3.995	0.825	11.7	4.080	1.9	4.936	-1.034	-11.8	5.043
248047.6	842450.9	133.0	34.009	11.358	18.5	35.855	4.2	28.533	3.975	0.822	11.7	4.059	1.9	4.966	-1.034	-11.8	5.072
248047.0	842450.1	133.0	33.893	11.326	18.5	35.735	4.1	28.437	3.945	0.811	11.6	4.027	1.9	5.032	-1.064	-11.9	5.144
248046.4	842449.3	133.1	33.769	11.301	18.5	35.610	4.1	28.338	3.920	0.807	11.6	4.003	1.9	5.004	-1.054	-11.9	5.114
248045.8	842448.5	133.1	33.383	11.211	18.6	35.216	4.0	28.024	3.888	0.803	11.7	3.970	1.8	4.722	-0.991	-11.8	4.824
248045.2	842447.7	133.1	33.202	11.171	18.6	35.031	4.0	27.877	3.860	0.798	11.7	3.942	1.7	4.653	-0.972	-11.8	4.753
248044.6	842446.9	133.1	32.943	11.112	18.6	34.766	4.0	27.666	3.828	0.794	11.7	3.910	1.7	4.515	-0.940	-11.8	4.611
248044.0	842446.1	133.0	32.244	10.942	18.7	34.050	3.8	27.096	3.787	0.787	11.7	3.868	1.5	3.931	-0.815	-11.7	4.015
248043.4	842445.3	133.0	31.851	10.848	18.8	33.648	3.7	26.776	3.752	0.782	11.8	3.832	1.4	3.665	-0.757	-11.7	3.742
248042.8	842444.4	133.0	31.581	10.784	18.9	33.371	3.7	26.556	3.718	0.776	11.8	3.799	1.4	3.533	-0.728	-11.6	3.607
248042.2	842443.6	133.0	31.323	10.723	18.9	33.108	3.6	26.346	3.686	0.770	11.8	3.766	1.3	3.419	-0.704	-11.6	3.491
248041.7	842442.8	133.0	30.996	10.644	19.0	32.772	3.5	26.079	3.653	0.764	11.8	3.732	1.3	3.234	-0.667	-11.6	3.302
248041.1	842442.0	133.0	30.491	10.518	19.0	32.254	3.4	25.667	3.618	0.757	11.8	3.696	1.2	2.856	-0.591	-11.7	2.916
248040.5	842441.2	133.1	30.631	10.560	19.0	32.400	3.5	25.783	3.595	0.751	11.8	3.673	1.3	3.182	-0.664	-11.8	3.251
248039.9	842440.4	133.2	30.650	10.570	19.0	32.421	3.5	25.800	3.571	0.745	11.8	3.648	1.4	3.376	-0.712	-11.9	3.450
248039.3	842439.6	133.3	30.642	10.572	19.0	32.414	3.5	25.794	3.548	0.739	11.8	3.624	1.4	3.542	-0.755	-12.0	3.621
248038.7	842438.8	133.5	30.995	10.670	19.0	32.780	3.6	26.086	3.532	0.733	11.7	3.607	1.6	4.091	-0.879	-12.1	4.185
248038.1	842438.0	133.6	30.956	10.665	19.0	32.741	3.6	26.055	3.508	0.726	11.7	3.583	1.6	4.227	-0.918	-12.3	4.325
248037.5	842437.2	133.6	30.776	10.623	19.0	32.558	3.5	25.909	3.482	0.719	11.7	3.555	1.6	4.220	-0.927	-12.4	4.321
248036.9	842436.4	133.6	30.346	10.516	19.1	32.117	3.4	25.558	3.449	0.711	11.7	3.522	1.4	3.955	-0.882	-12.6	4.052
248036.3	842435.6	133.5	29.876	10.397	19.2	31.633	3.3	25.173	3.415	0.703	11.6	3.487	1.3	3.647	-0.829	-12.8	3.740
248035.7	842434.8	133.5	29.426	10.283	19.3	31.171	3.2	24.805	3.382	0.695	11.6	3.453	1.1	3.361	-0.780	-13.1	3.451
248035.1	842434.0	133.4	28.984	10.169	19.3	30.717	3.1	24.444	3.348	0.687	11.6	3.418	1.0	3.086	-0.733	-13.4	3.172
248034.5	842433.2	133.4	28.719	10.103	19.4	30.444	3.0	24.226	3.317	0.680	11.6	3.386	0.9	3.009	-0.726	-13.6	3.095
248034.0	842432.4	133.5	28.516	10.053	19.4	30.236	3.0	24.061	3.286	0.673	11.6	3.354	0.9	3.008	-0.733	-13.7	3.096
248033.4	842431.6	133.5	28.297	9.998	19.5	30.012	2.9	23.882	3.254	0.665	11.6	3.321	0.8	2.996	-0.737	-13.8	3.085
248032.8	842430.8	133.4	27.815	9.872	19.5	29.515	2.8	23.487	3.218	0.657	11.5	3.284	0.7	2.689	-0.680	-14.2	2.774
248032.2	842429.9	133.4	27.434	9.772	19.6	29.122	2.7	23.175	3.183	0.649	11.5	3.248	0.6	2.499	-0.646	-14.5	2.581
248031.6	842429.1	133.6	27.624	9.829	19.6	29.321	2.8	23.333	3.156	0.643	11.5	3.221	0.7	2.967	-0.744	-14.1	3.059
248031.0	842428.3	133.6	27.415	9.776	19.6	29.106	2.7	23.162	3.124	0.636	11.5	3.188	0.6	2.983	-0.749	-14.1	3.075
248030.4	842427.5	133.6	27.100	9.693	19.7	28.782	2.6	22.904	3.090	0.629	11.5	3.153	0.6	2.878	-0.728	-14.2	2.969
248029.8	842426.7	133.5	26.744	9.599	19.7	28.415	2.5	22.612	3.055	0.622	11.5	3.118	0.5	2.726	-0.697	-14.3	2.814
248029.2	842425.9	133.5	26.394	9.505	19.8	28.053	2.4	22.324	3.021	0.615	11.5	3.083	0.4	2.578	-0.665	-14.5	2.663
248028.6	842425.1	133.5	26.079	9.421	19.9	27.729	2.3	22.066	2.989	0.608	11.5	3.050	0.4	2.470	-0.641	-14.5	2.551
248028.0	842424.3	133.5	25.824	9.354	19.9	27.466	2.3	21.857	2.958	0.601	11.5	3.018	0.4	2.428	-0.629	-14.5	2.508
248027.4	842423.5	133.5	25.667	9.313	19.9	27.305	2.2	21.729	2.929	0.596	11.5	2.989	0.4	2.499	-0.639	-14.3	2.579
248026.8	842422.7	133.6	25.511	9.273	20.0	27.144	2.2	21.600	2.902	0.590	11.5	2.961	0.4	2.566	-0.647	-14.1	2.646
248026.2	842421.9	133.6	25.354	9.232	20.0	26.982	2.1	21.472	2.875	0.584	11.5	2.934	0.4	2.628	-0.653	-14.0	2.708
248025.7	842421.1	133.7	25.197	9.192	20.0	26.821	2.1	21.343	2.849	0.579	11.5	2.907	0.5	2.685	-0.658	-13.8	2.765
248025.1	842420.3	133.7	24.998	9.139	20.1	26.616	2.0	21.181	2.824	0.574	11.5	2.881	0.5	2.688	-0.652	-13.6	2.766
248024.5	842419.5	133.7	24.797	9.085	20.1	26.409	2.0	21.016	2.799	0.569	11.5	2.856	0.5	2.681	-0.643	-13.5	2.757
248023.9	842418.7	133.7	24.578	9.026	20.2	26.183	1.9	20.836	2.775	0.565	11.5	2.831	0.5	2.646	-0.628	-13.4	2.719
248023.3	842417.9	133.7	24.369	8.969	20.2	25.968	1.8	20.664	2.751	0.560	11.5	2.808	0.5	2.616	-0.614	-13.2	2.687
248022.7	842417.1	133.8	24.162	8.913	20.2	25.753	1.8	20.494	2.729	0.556	11.5	2.785	0.5	2.580	-0.600	-13.1	2.649
248022.1	842416.3	133.7	23.794	8.809	20.3	25.373	1.7	20.191	2.705	0.551	11.5	2.761	0.4	2.342	-0.544	-13.1	2.404
248021.5	842415.4	133.6	23.394	8.695	20.4	24.958	1.6	19.861	2.682	0.546	11.5	2.737	0.4	2.050	-0.478	-13.1	2.105
248020.9	842414.6	133.6	23.002	8.583	20.5	24.551	1.5	19.537	2.660	0.541	11.5	2.715	0.3	1.757	-0.413	-13.2	1.805
248020.3	842413.8	133.6	22.780	8.520	20.5	24.321	1.4	19.354	2.642	0.537	11.5	2.696	0.3	1.668	-0.389	-13.1	1.712
248019.7	842413.0	133.6	22.606	8.472	20.5	24.141	1.4	19.211	2.626	0.533	11.5	2.679	0.3	1.634	-0.378	-13.0	1.677
248019.1	842412.2	133.5	22.218	8.359	20.6	23.738	1.3	18.890	2.607	0.529	11.5	2.661	0.2	1.315	-0.309	-13.2	1.351
248018.5	842411.4	133.6	22.112	8.331	20.6	23.629	1.3	18.803	2.593	0.525	11.4	2.645	0.2	1.359	-0.315	-13.0	1.395
248018.0	842410.6	133.7	22.024	8.308	20.7	23.539	1.3	18.732	2.578	0.521	11.4	2.631	0.1	1.425	-0.325	-12.9	1.462
248017.4	842409.8	133.7	21.884	8.269	20.7	23.394	1.2	18.617	2.563	0.517	11.4	2.615	0.1	1.422	-0.322	-12.8	1.458
248016.8	842409.0	133.8	21.760	8.234	20.7	23.266	1.2	18.514	2.548	0.513	11.4	2.599	0.1	1.440	-0.323	-12.6	1.475
248016.2	842408.2	133.8	21.675	8.212	20.8	23.178	1.2	18.445	2.532	0.509	11.4	2.583	0.1	1.513	-0.334	-12.5	1.549
248015.6	842407.4	133.9	21.598	8.192	20.8	23.099	1.2	18.382	2.515	0.505	11.4	2.565	0.1	1.600	-0.349	-12.3	1.638
248015.0	842406.6	134.2	21.920	8.294	20.7	23.436	1.2	18.650	2.502	0.502	11.4	2.552	0.2	2.215	-0.467	-11.9	2.263
248014.4	842405.8	134.5	22.250	8.398	20.7	23.782	1.2	18.925	2.489	0.499	11.3	2.539	0.3	2.831	-0.584	-11.7	2.891
248013.8	842405.0	134.6	22.199	8.387	20.7	23.731	1.2	18.884	2.470	0.495	11.3	2.520	0.3	2.967	-0.606	-11.5	3.028
248013.2	842404.2	134.4	21.723	8.245	20.8	23.235	1.1	18.490	2.445	0.490	11.3	2.493	0.2	2.567	-0.521	-11.5	2.619
248012.6	842403.4	134.5	21.535	8.191	20.8	23.040	1.1	18.334	2.423	0.485	11.3	2.471	0.1	2.536	-0.508	-11.3	2.587
248012.0	842402.6	134.6	21.564	8.203	20.8	23.071	1.1	18.360	2.403	0.481	11.3	2.451	0.2	2.791	-0.551	-11.2	2.845
248011.4	842401.8	134.6	21.407	8.159	20.9	22.909	1.1	18.230	2.381	0.476	11.3	2.428	0.2	2.810	-0.548	-11.0	2.863
248010.8	842400.9	134.6	21.177	8.091	20.9	22.670	1.1	18.040	2.358	0.471	11.3	2.404	0.1	2.739	-0.526	-10.9	2.789
248010.3	842400.1	134.6	20.832	7.987	21.0	22.310	1.1	17.754	2.332	0.466	11.3	2.379	0.1	2.519	-0.475	-10.7	2.564
248009.7	842399.3	134.5	20.485	7.882	21.0	21.949	1.1	17.467	2.307	0.460	11.3	2.353	0.1	2.295	-0.424	-10.5	2.334
248009.1	842398.5	134.5	20.327	7.836	21.1	21.786	1.1	17.336	2.285	0.456	11.3	2.330	0.1	2.323	-0.422	-10.3	2.361
248008.5	842397.7	134.6	20.210	7.803	21.1	21.664	1.1	17.240	2.263	0.451	11.3	2.308	0.1	2.407	-0.430	-10.1	2.445
248007.9	842396.9	134.6	20.022	7.747	21.2	21.469	1.1	17.084	2.241	0.446	11.3	2.285	0.1	2.396	-0.421	-10.0	2.433
248007.3	842396.1	134.6	19.766	7.669	21.2	21.202	1.1	16.872	2.218	0.441	11.2	2.261	0.1	2.294	-0.394	-9.7	2.327
248006.7	842395.3	134.6	19.521	7.594	21.3	20.946	1.2	16.668	2.195	0.435	11.2	2.238	0.1	2.203	-0.369	-9.5	2.234
248006.1	842394.5	134.6	19.289	7.523	21.3	20.705	1.2	16.476	2.173	0.430	11.2	2.215	0.1	2.130	-0.348	-9.3	2.159
248005.5	842393.7	134.5	19.066	7.455	21.4	20.472	1.3	16.291	2.151	0.425	11.2	2.193	0.1	2.067	-0.329	-9.0	2.093
248004.9	842392.9	134.5	18.846	7.387	21.4	20.242	1.4	16.108	2.130	0.420	11.2	2.171	0.1	2.004	-0.311	-8.8	2.028
248004.3	842392.1	134.5	18.628	7.319	21.5	20.014	1.4	15.927	2.109	0.415	11.1	2.149	0.1	1.943	-0.293	-8.6	1.965
248003.7	842391.3	134.5	18.401	7.249	21.5	19.778	1.5	15.738	2.088	0.410	11.1	2.128	0.1	1.866	-0.273	-8.3	1.885
248003.1	842390.5	134.5	18.200	7.186	21.5	19.568	1.6	15.572	2.068	0.406	11.1	2.108	0.1	1.822	-0.260	-8.1	1.840
248002.5	842389.7	134.5	17.985	7.119	21.6	19.343	1.7	15.392	2.048	0.401	11.1	2.087	0.1	1.754	-0.242	-7.9	1.771
248002.0	842388.9	134.5	17.790	7.057	21.6	19.139	1.7	15.230	2.029	0.396	11.0	2.067	0.1	1.712	-0.230	-7.6	1.727

248001.4	842388.1	134.4	17.461	6.951	21.7	18.794	1.9	14.956	2.009	0.391	11.0	2.046	0.1	1.469	-0.179	-7.0	1.480
248000.8	842387.3	134.4	17.354	6.919	21.7	18.682	1.9	14.867	1.991	0.387	11.0	2.029	0.1	1.550	-0.191	-7.0	1.562
248000.2	842386.4	134.4	17.202	6.871	21.8	18.523	2.0	14.740	1.974	0.382	11.0	2.010	0.1	1.561	-0.190	-7.0	1.573
247999.6	842385.6	134.5	17.095	6.838	21.8	18.411	2.0	14.651	1.957	0.378	10.9	1.993	0.1	1.637	-0.202	-7.0	1.649
247999.0	842384.8	134.4	16.843	6.757	21.9	18.148	2.2	14.441	1.938	0.373	10.9	1.974	0.1	1.493	-0.172	-6.6	1.503
247998.4	842384.0	134.5	16.727	6.720	21.9	18.026	2.2	14.345	1.922	0.369	10.9	1.957	0.1	1.550	-0.181	-6.6	1.561
247997.8	842383.2	134.5	16.546	6.662	21.9	17.836	2.3	14.194	1.905	0.365	10.8	1.940	0.1	1.506	-0.170	-6.4	1.516
247997.2	842382.4	134.5	16.356	6.600	22.0	17.638	2.4	14.036	1.888	0.360	10.8	1.922	0.1	1.446	-0.157	-6.2	1.454
247996.6	842381.6	134.5	16.187	6.546	22.0	17.460	2.5	13.895	1.871	0.356	10.8	1.905	0.1	1.414	-0.149	-6.0	1.422
247996.0	842380.8	134.5	16.011	6.488	22.1	17.276	2.6	13.748	1.855	0.352	10.7	1.888	0.1	1.368	-0.139	-5.8	1.375
247995.4	842380.0	134.5	15.870	6.443	22.1	17.128	2.7	13.630	1.839	0.348	10.7	1.872	0.1	1.374	-0.139	-5.8	1.381
247994.8	842379.2	134.6	15.856	6.440	22.1	17.114	2.7	13.619	1.825	0.344	10.7	1.857	0.2	1.575	-0.176	-6.4	1.585
247994.3	842378.4	134.6	15.633	6.366	22.2	16.880	2.8	13.432	1.808	0.340	10.6	1.840	0.2	1.449	-0.152	-6.0	1.457
247993.7	842377.6	134.7	15.645	6.373	22.2	16.893	2.8	13.443	1.795	0.336	10.6	1.826	0.2	1.688	-0.196	-6.6	1.699
247993.1	842376.8	134.7	15.454	6.309	22.2	16.692	2.9	13.283	1.779	0.332	10.6	1.810	0.2	1.606	-0.180	-6.4	1.616
247992.5	842376.0	134.5	15.100	6.189	22.3	16.319	3.1	12.986	1.762	0.328	10.5	1.792	0.2	1.260	-0.115	-5.2	1.265
247991.9	842375.2	134.4	14.770	6.076	22.4	15.971	3.3	12.709	1.746	0.323	10.5	1.775	0.2	0.939	-0.056	-3.4	0.941
247991.3	842374.4	134.4	14.711	6.058	22.4	15.910	3.3	12.660	1.732	0.320	10.5	1.761	0.2	1.061	-0.079	-4.3	1.064
247990.7	842373.6	134.5	14.642	6.036	22.4	15.837	3.4	12.603	1.718	0.316	10.4	1.747	0.2	1.165	-0.098	-4.8	1.169
247990.1	842372.8	134.5	14.482	5.982	22.4	15.669	3.5	12.469	1.703	0.312	10.4	1.732	0.2	1.116	-0.090	-4.6	1.119
247989.5	842371.9	134.7	14.504	5.992	22.4	15.693	3.5	12.488	1.691	0.309	10.4	1.719	0.3	1.367	-0.136	-5.7	1.374
247988.9	842371.1	134.6	14.286	5.917	22.5	15.463	3.6	12.305	1.676	0.305	10.3	1.704	0.2	1.218	-0.110	-5.1	1.223
247988.3	842370.3	134.6	14.163	5.876	22.5	15.334	3.7	12.202	1.662	0.301	10.3	1.689	0.3	1.225	-0.112	-5.2	1.230
247987.7	842369.5	134.7	14.074	5.846	22.6	15.240	3.8	12.127	1.649	0.298	10.2	1.676	0.3	1.287	-0.123	-5.5	1.293
247987.1	842368.7	134.7	13.910	5.790	22.6	15.067	3.9	11.990	1.635	0.294	10.2	1.661	0.3	1.222	-0.112	-5.2	1.227
247986.6	842367.9	134.6	13.721	5.725	22.6	14.868	4.0	11.831	1.621	0.291	10.2	1.646	0.3	1.112	-0.093	-4.8	1.116
247986.0	842367.1	134.6	13.546	5.664	22.7	14.682	4.1	11.684	1.606	0.287	10.1	1.632	0.3	1.021	-0.077	-4.3	1.024
247985.4	842366.3	134.5	13.364	5.600	22.7	14.490	4.2	11.530	1.592	0.283	10.1	1.617	0.2	0.917	-0.059	-3.7	0.918
247984.8	842365.5	134.5	13.185	5.537	22.8	14.300	4.4	11.380	1.578	0.280	10.1	1.603	0.2	0.815	-0.041	-2.9	0.816
247984.2	842364.7	134.6	13.105	5.510	22.8	14.216	4.4	11.313	1.565	0.277	10.0	1.589	0.2	0.887	-0.054	-3.5	0.889
247983.6	842363.9	134.6	13.029	5.484	22.8	14.136	4.5	11.249	1.551	0.273	10.0	1.575	0.3	0.966	-0.068	-4.1	0.969
247983.0	842363.1	134.6	12.860	5.424	22.9	13.957	4.6	11.107	1.537	0.270	10.0	1.561	0.2	0.878	-0.053	-3.5	0.880
247982.4	842362.3	134.5	12.699	5.367	22.9	13.787	4.7	10.971	1.523	0.267	9.9	1.546	0.2	0.802	-0.040	-2.8	0.803
247981.8	842361.5	134.5	12.569	5.321	22.9	13.649	4.8	10.861	1.509	0.263	9.9	1.532	0.2	0.780	-0.036	-2.6	0.781
247981.2	842360.7	134.6	12.481	5.291	23.0	13.556	4.9	10.788	1.495	0.260	9.9	1.518	0.2	0.836	-0.046	-3.1	0.837
247980.6	842359.9	134.6	12.366	5.250	23.0	13.434	5.0	10.690	1.482	0.257	9.8	1.504	0.2	0.839	-0.046	-3.1	0.840
247980.0	842359.1	134.6	12.268	5.215	23.0	13.330	5.1	10.608	1.468	0.254	9.8	1.490	0.2	0.874	-0.052	-3.4	0.875
247979.4	842358.3	134.6	12.121	5.163	23.1	13.175	5.2	10.484	1.454	0.251	9.8	1.475	0.2	0.817	-0.042	-3.0	0.818
247978.9	842357.4	134.6	11.974	5.109	23.1	13.018	5.4	10.359	1.440	0.248	9.8	1.461	0.2	0.755	-0.032	-2.4	0.756
247978.3	842356.6	134.5	11.770	5.034	23.2	12.801	5.5	10.187	1.425	0.244	9.7	1.446	0.2	0.584	-0.003	-0.3	0.584
247977.7	842355.8	134.6	11.763	5.034	23.2	12.795	5.6	10.182	1.412	0.241	9.7	1.432	0.2	0.788	-0.038	-2.8	0.789
247977.1	842355.0	134.6	11.681	5.004	23.2	12.708	5.6	10.113	1.398	0.238	9.7	1.419	0.3	0.847	-0.049	-3.3	0.848
247976.5	842354.2	134.6	11.551	4.957	23.2	12.569	5.8	10.002	1.385	0.235	9.6	1.404	0.3	0.810	-0.043	-3.1	0.811
247975.9	842353.4	134.7	11.488	4.935	23.2	12.503	5.9	9.949	1.371	0.232	9.6	1.391	0.3	0.903	-0.060	-3.8	0.905
247975.3	842352.6	134.8	11.425	4.912	23.3	12.437	5.9	9.897	1.358	0.229	9.6	1.377	0.4	0.994	-0.077	-4.4	0.997
247974.7	842351.8	134.8	11.363	4.890	23.3	12.370	6.0	9.844	1.345	0.226	9.5	1.364	0.4	1.084	-0.093	-4.9	1.088
247974.1	842351.0	134.9	11.299	4.868	23.3	12.303	6.1	9.790	1.332	0.223	9.5	1.351	0.5	1.169	-0.109	-5.3	1.174
247973.5	842350.2	134.8	11.108	4.797	23.4	12.100	6.3	9.629	1.318	0.219	9.4	1.336	0.4	1.005	-0.084	-4.8	1.009
247972.9	842349.4	134.7	10.922	4.727	23.4	11.901	6.5	9.470	1.304	0.216	9.4	1.322	0.4	0.844	-0.060	-4.1	0.846
247972.3	842348.6	134.7	10.831	4.694	23.4	11.805	6.6	9.394	1.292	0.213	9.4	1.309	0.4	0.869	-0.067	-4.4	0.872
247971.7	842347.8	134.7	10.729	4.656	23.5	11.695	6.7	9.307	1.279	0.209	9.3	1.296	0.5	0.867	-0.070	-4.6	0.870
247971.1	842347.0	134.7	10.627	4.618	23.5	11.588	6.8	9.221	1.266	0.206	9.3	1.283	0.5	0.865	-0.073	-4.8	0.868
247970.6	842346.2	134.6	10.486	4.565	23.5	11.437	7.0	9.101	1.253	0.203	9.2	1.269	0.5	0.778	-0.063	-4.6	0.780
247970.0	842345.4	134.6	10.362	4.518	23.6	11.304	7.1	8.995	1.241	0.200	9.1	1.256	0.5	0.720	-0.058	-4.6	0.722
247969.4	842344.6	134.8	10.384	4.529	23.6	11.329	7.2	9.015	1.229	0.197	9.1	1.245	0.6	0.961	-0.101	-6.0	0.966
247968.8	842343.8	135.0	10.377	4.529	23.6	11.322	7.2	9.010	1.218	0.194	9.0	1.233	0.7	1.139	-0.133	-6.7	1.147
247968.2	842342.9	135.0	10.316	4.507	23.6	11.257	7.4	8.958	1.206	0.190	9.0	1.221	0.7	1.202	-0.148	-7.0	1.211
247967.6	842342.1	135.0	10.204	4.465	23.6	11.138	7.5	8.863	1.194	0.187	8.9	1.209	0.7	1.158	-0.146	-7.2	1.167
247967.0	842341.3	134.8	10.022	4.396	23.7	10.944	7.7	8.709	1.182	0.184	8.8	1.196	0.7	0.965	-0.120	-7.1	0.972
247966.4	842340.5	134.8	9.932	4.363	23.7	10.848	7.8	8.633	1.170	0.180	8.8	1.184	0.7	0.956	-0.124	-7.4	0.964
247965.8	842339.7	134.9	9.878	4.344	23.7	10.791	7.9	8.587	1.159	0.177	8.7	1.173	0.7	1.018	-0.139	-7.8	1.027
247965.2	842338.9	135.0	9.827	4.327	23.8	10.738	8.0	8.545	1.148	0.174	8.6	1.161	0.8	1.084	-0.154	-8.1	1.095
247964.6	842338.1	135.0	9.774	4.309	23.8	10.682	8.1	8.500	1.137	0.171	8.5	1.150	0.8	1.140	-0.168	-8.4	1.153
247964.0	842337.3	135.0	9.686	4.277	23.8	10.588	8.2	8.426	1.126	0.168	8.5	1.139	0.8	1.118	-0.170	-8.6	1.130
247963.4	842336.5	135.0	9.609	4.249	23.9	10.507	8.3	8.361	1.116	0.164	8.4	1.128	0.8	1.113	-0.174	-8.9	1.127
247962.9	842335.7	135.0	9.519	4.216	23.9	10.411	8.4	8.285	1.105	0.161	8.3	1.116	0.8	1.076	-0.174	-9.2	1.090
247962.3	842334.9	135.0	9.431	4.184	23.9	10.318	8.4	8.211	1.094	0.158	8.2	1.105	0.8	1.037	-0.174	-9.5	1.051
247961.7	842334.1	135.1	9.384	4.169	24.0	10.269	8.5	8.172	1.083	0.155	8.1	1.094	0.9	1.081	-0.185	-9.7	1.096
247961.1	842333.3	135.1	9.338	4.154	24.0	10.220	8.5	8.133	1.073	0.151	8.0	1.084	0.9	1.119	-0.195	-9.9	1.136
247960.5	842332.5	135.2	9.306	4.145	24.0	10.188	8.5	8.107	1.063	0.148	7.9	1.074	1.0	1.185	-0.209	-10.0	1.203
247959.9	842331.7	135.2	9.259	4.130	24.0	10.139	8.5	8.068	1.053	0.145	7.9	1.063	1.0	1.210	-0.218	-10.2	1.230
247959.3	842330.9	135.1	9.151	4.090	24.1	10.024	8.6	7.977	1.042	0.142	7.7	1.051	1.0	1.100	-0.207	-10.7	1.119

Max BF along centerline is 45.849 (uT) at 189.000 (m) from structure [redacted]/[redacted]-8

Cross section results at max BF along centerline between structures [redacted]/[redacted]-8 and [redacted]-9T





3D EMF Point Results Span from [redacted]-8 to [redacted]-9T:

Measurement			B					H	EF					Space Potential				
X (m)	Y (m)	Z (m)	Real (uT)	Imaginary (uT)	Angle (deg)	Magnitude (uT)	Polarization Axial Ratio %	Magnitude (A/m)	Real (kV/m)	Imaginary (kV/m)	Angle (deg)	Magnitude (kV/m)	Polarization Axial Ratio %	Real (kV)	Imaginary (kV)	Angle (deg)	Magnitude (kV)	
248190.8	842619.9	134.7	19.111	8.612	24.3	20.962	21.0	16.681	1.182	0.705	30.8	1.376	4.9	0.921	-0.529	-29.8	1.062	
248190.0	842620.5	134.7	20.710	9.068	23.6	22.608	20.5	17.991	1.455	0.773	28.0	1.648	4.5	1.176	-0.593	-26.8	1.317	
248189.2	842621.1	134.7	22.444	9.533	23.0	24.385	19.9	19.405	1.773	0.840	25.4	1.962	4.1	1.466	-0.655	-24.1	1.606	
248188.3	842621.7	134.7	24.314	10.004	22.4	26.291	19.1	20.922	2.137	0.904	22.9	2.320	3.8	1.794	-0.712	-21.7	1.931	
248187.5	842622.3	134.7	26.298	10.472	21.7	28.306	18.2	22.525	2.549	0.962	20.7	2.725	3.4	2.146	-0.759	-19.5	2.276	
248186.7	842622.9	134.6	28.386	10.934	21.1	30.419	17.2	24.207	3.007	1.013	18.6	3.173	3.1	2.522	-0.795	-17.5	2.644	
248185.9	842623.5	134.6	30.609	11.403	20.4	32.664	16.0	25.993	3.503	1.055	16.8	3.659	2.8	2.978	-0.840	-15.8	3.094	
248185.1	842624.1	134.7	32.956	11.878	19.8	35.031	14.8	27.877	4.026	1.087	15.1	4.170	2.6	3.540	-0.899	-14.2	3.653	
248184.3	842624.7	134.7	35.304	12.335	19.3	37.397	13.4	29.759	4.553	1.107	13.7	4.686	2.3	4.127	-0.948	-12.9	4.235	

248183.5	842625.3	134.7	37.565	12.767	18.8	39.675	12.0	31.573	5.054	1.115	12.4	5.175	2.1	4.711	-0.986	-11.8	4.813
248182.7	842625.8	134.7	39.633	13.166	18.4	41.763	10.4	33.234	5.492	1.113	11.5	5.603	1.8	5.253	-1.014	-10.9	5.350
248181.9	842626.4	134.7	41.390	13.528	18.1	43.545	8.9	34.652	5.828	1.103	10.7	5.931	1.5	5.711	-1.033	-10.3	5.804
248181.1	842627.0	134.7	42.724	13.848	18.0	44.912	7.2	35.740	6.028	1.087	10.2	6.125	1.3	6.044	-1.044	-9.8	6.134
248180.3	842627.6	134.8	43.551	14.121	18.0	45.783	5.6	36.433	6.070	1.067	10.0	6.163	1.2	6.221	-1.048	-9.6	6.309
248179.5	842628.2	134.8	43.834	14.346	18.1	46.121	4.1	36.702	5.949	1.043	9.9	6.040	1.2	6.228	-1.047	-9.5	6.315
248178.7	842628.8	134.8	43.586	14.523	18.4	45.942	2.6	36.560	5.681	1.015	10.1	5.771	1.3	6.070	-1.040	-9.7	6.159
248177.9	842629.4	134.8	42.832	14.645	18.9	45.267	1.3	36.022	5.295	0.982	10.5	5.385	1.4	5.732	-1.017	-10.1	5.822
248177.1	842630.0	134.8	41.672	14.714	19.4	44.193	0.9	35.168	4.828	0.943	11.0	4.919	1.6	5.254	-0.978	-10.5	5.344
248176.3	842630.6	134.8	40.268	14.747	20.1	42.883	1.7	34.125	4.321	0.896	11.7	4.413	1.7	4.724	-0.930	-11.1	4.814
248175.5	842631.2	134.8	38.763	14.761	20.8	41.478	2.7	33.007	3.807	0.842	12.5	3.899	1.8	4.215	-0.881	-11.8	4.306
248174.7	842631.8	134.9	37.225	14.762	21.6	40.045	3.6	31.867	3.308	0.780	13.3	3.399	1.8	3.735	-0.829	-12.5	3.826
248173.8	842632.4	134.9	35.672	14.741	22.5	38.598	4.4	30.715	2.840	0.712	14.1	2.928	1.8	3.255	-0.764	-13.2	3.343
248173.0	842633.0	134.9	34.171	14.710	23.3	37.203	5.0	29.605	2.413	0.639	14.8	2.496	1.7	2.800	-0.689	-13.8	2.883
248172.2	842633.5	134.9	32.764	14.680	24.1	35.903	5.5	28.570	2.028	0.561	15.5	2.105	1.4	2.384	-0.607	-14.3	2.460
248171.4	842634.1	134.9	31.476	14.660	25.0	34.723	5.8	27.631	1.687	0.481	15.9	1.755	1.0	2.009	-0.519	-14.5	2.075
248170.6	842634.7	134.9	30.320	14.656	25.8	33.677	6.0	26.799	1.386	0.399	16.1	1.442	0.7	1.672	-0.428	-14.3	1.726
248169.8	842635.3	135.0	29.307	14.678	26.6	32.777	6.1	26.083	1.121	0.316	15.8	1.165	1.6	1.374	-0.333	-13.6	1.413
248169.0	842635.9	135.0	28.439	14.732	27.4	32.029	6.1	25.488	0.887	0.235	14.8	0.918	3.7	1.108	-0.236	-12.0	1.133
248168.2	842636.5	135.0	27.719	14.828	28.1	31.436	6.1	25.016	0.680	0.159	13.2	0.698	7.9	0.871	-0.136	-8.9	0.882
248167.4	842637.1	135.0	27.144	14.972	28.9	30.999	5.9	24.668	0.496	0.109	12.5	0.507	16.7	0.658	-0.032	-2.8	0.659
248166.6	842637.7	135.0	26.713	15.171	29.6	30.720	5.7	24.446	0.334	0.130	21.3	0.359	38.9	0.462	0.075	9.2	0.468

Centerline results between structures [redacted]-9T and [redacted]/[redacted]-10

3D EMF Point Results Centerline from [redacted]-9T to [redacted]/[redacted]-10:

-------Measurement-------			----------B----------					H	----------EF----------					----------Space Potential----------				
X	Y	Z	Real	Imaginary	Angle	Magnitude	Polarization	Magnitude	Real	Imaginary	Angle	Magnitude	Polarization	Real	Imaginary	Angle	Magnitude	
(m)	(m)	(m)	(uT)	(uT)	(deg)	(uT)	Axial Ratio %	(A/m)	(kV/m)	(kV/m)	(deg)	(kV/m)	Axial Ratio %	(kV)	(kV)	(deg)	(kV)	
247958.5	842329.8	135.0	9.011	4.038	24.1	9.875	8.6	7.858	1.027	0.137	7.6	1.036	0.9	0.953	-0.194	-11.5	0.972	
247957.7	842329.2	135.1	9.085	4.064	24.1	9.953	8.6	7.920	1.040	0.141	7.7	1.050	0.9	0.995	-0.206	-11.7	1.016	
247956.9	842328.6	135.2	9.188	4.102	24.1	10.062	8.6	8.007	1.054	0.144	7.8	1.064	1.0	1.095	-0.227	-11.7	1.118	
247956.1	842328.0	135.3	9.295	4.141	24.0	10.176	8.5	8.098	1.068	0.148	7.9	1.079	1.0	1.195	-0.247	-11.7	1.220	
247955.2	842327.5	135.3	9.361	4.164	24.0	10.245	8.5	8.153	1.082	0.152	8.0	1.093	1.0	1.201	-0.255	-12.0	1.228	
247954.4	842326.9	135.1	9.347	4.154	24.0	10.229	8.5	8.140	1.094	0.155	8.0	1.105	0.8	1.033	-0.238	-13.0	1.060	
247953.6	842326.3	135.0	9.359	4.154	23.9	10.240	8.4	8.149	1.107	0.158	8.1	1.118	0.7	0.912	-0.227	-14.0	0.939	
247952.8	842325.7	135.1	9.472	4.196	23.9	10.360	8.3	8.244	1.121	0.161	8.2	1.133	0.8	1.000	-0.246	-13.8	1.029	
247952.0	842325.1	135.2	9.582	4.237	23.9	10.477	8.2	8.337	1.136	0.165	8.3	1.148	0.8	1.075	-0.262	-13.7	1.107	
247951.2	842324.6	135.2	9.663	4.266	23.8	10.563	8.1	8.406	1.150	0.169	8.3	1.162	0.8	1.084	-0.269	-14.0	1.117	
247950.3	842324.0	135.3	9.747	4.297	23.8	10.652	8.0	8.477	1.164	0.172	8.4	1.177	0.8	1.091	-0.276	-14.2	1.125	
247949.5	842323.4	135.3	9.848	4.333	23.8	10.759	7.9	8.562	1.178	0.176	8.5	1.191	0.8	1.125	-0.286	-14.3	1.161	
247948.7	842322.8	135.3	9.934	4.365	23.7	10.850	7.8	8.634	1.193	0.179	8.5	1.206	0.7	1.123	-0.291	-14.5	1.160	
247947.9	842322.3	135.4	10.034	4.402	23.7	10.957	7.6	8.720	1.208	0.183	8.6	1.222	0.7	1.144	-0.300	-14.7	1.183	
247947.1	842321.7	135.4	10.100	4.425	23.7	11.026	7.5	8.775	1.222	0.186	8.7	1.236	0.7	1.087	-0.296	-15.2	1.126	
247946.3	842321.1	135.4	10.221	4.470	23.6	11.155	7.3	8.877	1.238	0.190	8.7	1.252	0.7	1.135	-0.308	-15.2	1.176	
247945.4	842320.5	135.5	10.367	4.525	23.6	11.311	7.2	9.001	1.254	0.194	8.8	1.269	0.7	1.228	-0.326	-14.9	1.270	
247944.6	842319.9	135.6	10.518	4.581	23.5	11.472	7.0	9.130	1.270	0.198	8.9	1.286	0.7	1.321	-0.344	-14.6	1.365	
247943.8	842319.4	135.7	10.620	4.618	23.5	11.581	6.9	9.216	1.286	0.202	8.9	1.302	0.7	1.309	-0.346	-14.8	1.354	
247943.0	842318.8	135.7	10.695	4.645	23.5	11.660	6.7	9.279	1.302	0.205	9.0	1.318	0.6	1.238	-0.339	-15.3	1.283	
247942.2	842318.2	135.7	10.844	4.701	23.4	11.819	6.6	9.405	1.320	0.209	9.0	1.336	0.6	1.303	-0.352	-15.1	1.350	
247941.4	842317.6	135.8	10.953	4.741	23.4	11.935	6.4	9.498	1.337	0.213	9.1	1.354	0.6	1.284	-0.352	-15.3	1.331	
247940.6	842317.0	135.9	11.120	4.803	23.4	12.112	6.3	9.639	1.355	0.218	9.1	1.372	0.6	1.366	-0.368	-15.1	1.415	
247939.7	842316.5	136.0	11.290	4.866	23.3	12.294	6.1	9.783	1.374	0.222	9.2	1.391	0.6	1.447	-0.384	-14.9	1.497	
247938.9	842315.9	136.1	11.467	4.931	23.3	12.482	5.9	9.933	1.393	0.227	9.2	1.411	0.7	1.530	-0.399	-14.6	1.581	
247938.1	842315.3	136.3	11.680	5.010	23.2	12.709	5.8	10.113	1.413	0.231	9.3	1.432	0.7	1.669	-0.424	-14.3	1.722	
247937.3	842314.7	136.4	11.887	5.085	23.2	12.929	5.6	10.288	1.434	0.236	9.4	1.453	0.8	1.787	-0.446	-14.0	1.842	
247936.5	842314.2	136.6	12.105	5.165	23.1	13.161	5.4	10.473	1.456	0.241	9.4	1.476	0.8	1.914	-0.469	-13.8	1.970	
247935.7	842313.6	136.7	12.317	5.242	23.1	13.386	5.2	10.652	1.478	0.246	9.5	1.498	0.8	2.018	-0.488	-13.6	2.076	
247934.8	842313.0	136.8	12.534	5.320	23.0	13.616	5.1	10.835	1.500	0.252	9.5	1.521	0.9	2.122	-0.507	-13.4	2.182	
247934.0	842312.4	137.0	12.756	5.400	22.9	13.852	4.9	11.023	1.523	0.257	9.6	1.545	0.9	2.225	-0.526	-13.3	2.286	
247933.2	842311.8	137.0	12.912	5.455	22.9	14.017	4.8	11.154	1.545	0.262	9.6	1.567	0.9	2.204	-0.525	-13.4	2.265	
247932.4	842311.3	137.1	13.073	5.512	22.9	14.187	4.6	11.290	1.568	0.267	9.7	1.591	0.9	2.184	-0.523	-13.5	2.246	
247931.6	842310.7	137.2	13.273	5.583	22.8	14.399	4.5	11.458	1.592	0.273	9.7	1.616	0.9	2.222	-0.531	-13.5	2.285	
247930.8	842310.1	137.2	13.477	5.654	22.8	14.615	4.3	11.630	1.617	0.278	9.8	1.641	0.9	2.258	-0.540	-13.4	2.322	
247930.0	842309.5	137.3	13.685	5.727	22.7	14.835	4.2	11.806	1.642	0.284	9.8	1.667	0.9	2.293	-0.547	-13.4	2.357	
247929.1	842308.9	137.5	13.958	5.823	22.6	15.124	4.0	12.035	1.669	0.290	9.9	1.694	0.9	2.424	-0.572	-13.3	2.490	
247928.3	842308.4	137.8	14.354	5.961	22.6	15.542	3.8	12.368	1.699	0.297	9.9	1.725	1.0	2.740	-0.630	-12.9	2.811	
247927.5	842307.8	138.0	14.766	6.105	22.5	15.978	3.6	12.715	1.730	0.304	10.0	1.756	1.1	3.065	-0.689	-12.7	3.142	
247926.7	842307.2	138.2	15.108	6.222	22.4	16.339	3.4	13.003	1.759	0.311	10.0	1.786	1.1	3.269	-0.728	-12.6	3.350	
247925.9	842306.6	138.3	15.367	6.310	22.3	16.612	3.2	13.220	1.787	0.317	10.1	1.815	1.1	3.339	-0.744	-12.6	3.421	
247925.1	842306.1	138.5	15.652	6.406	22.3	16.912	3.1	13.458	1.816	0.323	10.1	1.844	1.1	3.440	-0.766	-12.6	3.524	
247924.2	842305.5	138.6	15.954	6.507	22.2	17.230	2.9	13.711	1.845	0.330	10.1	1.874	1.2	3.560	-0.792	-12.5	3.647	
247923.4	842304.9	138.7	16.265	6.610	22.1	17.557	2.8	13.971	1.875	0.336	10.2	1.905	1.2	3.685	-0.818	-12.5	3.775	
247922.6	842304.3	138.9	16.618	6.728	22.0	17.929	2.6	14.267	1.905	0.343	10.2	1.936	1.2	3.865	-0.856	-12.5	3.959	
247921.8	842303.7	138.9	16.855	6.805	22.0	18.177	2.5	14.465	1.933	0.350	10.2	1.965	1.2	3.875	-0.862	-12.5	3.970	
247921.0	842303.2	139.0	17.082	6.878	21.9	18.415	2.4	14.654	1.961	0.356	10.3	1.993	1.2	3.870	-0.867	-12.6	3.965	
247920.2	842302.6	139.0	17.308	6.950	21.9	18.652	2.3	14.842	1.989	0.362	10.3	2.022	1.2	3.860	-0.870	-12.7	3.956	
247919.3	842302.0	139.1	17.538	7.023	21.8	18.892	2.2	15.033	2.017	0.368	10.3	2.050	1.1	3.853	-0.875	-12.8	3.951	
247918.5	842301.4	139.1	17.739	7.086	21.8	19.102	2.1	15.201	2.044	0.373	10.4	2.078	1.1	3.807	-0.872	-12.9	3.906	
247917.7	842300.8	139.1	17.949	7.152	21.7	19.322	2.0	15.376	2.071	0.379	10.4	2.105	1.1	3.774	-0.872	-13.0	3.873	
247916.9	842300.3	139.2	18.181	7.225	21.7	19.564	1.9	15.569	2.098	0.385	10.4	2.134	1.1	3.770	-0.877	-13.1	3.871	
247916.1	842299.7	139.2	18.412	7.297	21.6	19.805	1.9	15.760	2.126	0.391	10.4	2.162	1.1	3.765	-0.882	-13.2	3.867	

247915.3	842299.1	139.2	18.626	7.363	21.6	20.028	1.8	15.938	2.153	0.397	10.5	2.189	1.0	3.738	-0.883	-13.3	3.841
247914.5	842298.5	139.3	18.843	7.429	21.5	20.255	1.7	16.118	2.179	0.403	10.5	2.216	1.0	3.718	-0.885	-13.4	3.821
247913.6	842298.0	139.3	19.128	7.518	21.5	20.552	1.6	16.355	2.207	0.410	10.5	2.244	1.0	3.789	-0.904	-13.4	3.895
247912.8	842297.4	139.4	19.385	7.596	21.4	20.820	1.6	16.568	2.234	0.416	10.5	2.272	1.0	3.825	-0.916	-13.5	3.933
247912.0	842296.8	139.4	19.587	7.657	21.4	21.030	1.5	16.735	2.259	0.422	10.6	2.298	0.9	3.790	-0.914	-13.6	3.899
247911.2	842296.2	139.4	19.836	7.732	21.3	21.289	1.5	16.942	2.286	0.428	10.6	2.325	0.9	3.821	-0.925	-13.6	3.931
247910.4	842295.6	139.4	20.000	7.780	21.3	21.460	1.5	17.077	2.310	0.433	10.6	2.350	0.9	3.743	-0.915	-13.7	3.853
247909.6	842295.1	139.4	20.232	7.849	21.2	21.701	1.4	17.269	2.336	0.439	10.7	2.377	0.8	3.756	-0.921	-13.8	3.868
247908.7	842294.5	139.5	20.476	7.921	21.1	21.955	1.4	17.471	2.361	0.445	10.7	2.403	0.8	3.789	-0.931	-13.8	3.902
247907.9	842293.9	139.5	20.713	7.991	21.1	22.201	1.4	17.667	2.386	0.452	10.7	2.429	0.8	3.816	-0.939	-13.8	3.930
247907.1	842293.3	139.5	20.918	8.050	21.0	22.414	1.4	17.836	2.411	0.458	10.7	2.454	0.7	3.804	-0.940	-13.9	3.919
247906.3	842292.7	139.5	21.125	8.110	21.0	22.628	1.4	18.007	2.435	0.464	10.8	2.479	0.7	3.799	-0.941	-13.9	3.914
247905.5	842292.2	139.5	21.334	8.170	21.0	22.845	1.4	18.179	2.459	0.470	10.8	2.504	0.6	3.800	-0.943	-13.9	3.915
247904.7	842291.6	139.5	21.550	8.232	20.9	23.069	1.5	18.357	2.483	0.476	10.8	2.528	0.6	3.814	-0.947	-13.9	3.929
247903.9	842291.0	139.6	21.946	8.349	20.8	23.480	1.5	18.685	2.511	0.483	10.9	2.557	0.6	4.054	-0.994	-13.8	4.175
247903.0	842290.4	139.7	22.398	8.482	20.7	23.950	1.6	19.059	2.540	0.490	10.9	2.586	0.6	4.361	-1.054	-13.6	4.487
247902.2	842289.9	139.7	22.596	8.536	20.7	24.155	1.6	19.222	2.563	0.496	11.0	2.610	0.5	4.361	-1.054	-13.6	4.486
247901.4	842289.3	139.7	22.734	8.572	20.7	24.296	1.6	19.334	2.584	0.502	11.0	2.633	0.5	4.291	-1.039	-13.6	4.415
247900.6	842288.7	139.6	22.835	8.598	20.6	24.400	1.6	19.417	2.605	0.507	11.0	2.654	0.5	4.181	-1.017	-13.7	4.303
247899.8	842288.1	139.6	22.927	8.620	20.6	24.493	1.7	19.491	2.625	0.513	11.1	2.675	0.5	4.062	-0.993	-13.7	4.181
247899.0	842287.5	139.5	23.017	8.641	20.6	24.586	1.7	19.565	2.646	0.518	11.1	2.696	0.4	3.944	-0.968	-13.8	4.061
247898.1	842287.0	139.4	23.107	8.663	20.6	24.677	1.7	19.637	2.667	0.524	11.1	2.718	0.4	3.827	-0.943	-13.8	3.942
247897.3	842286.4	139.5	23.462	8.763	20.5	25.045	1.8	19.930	2.693	0.531	11.1	2.745	0.5	4.032	-0.982	-13.7	4.150
247896.5	842285.8	139.5	23.760	8.846	20.4	25.353	1.8	20.175	2.719	0.537	11.2	2.772	0.6	4.165	-1.008	-13.6	4.285
247895.7	842285.2	139.5	23.998	8.911	20.4	25.599	1.9	20.371	2.744	0.543	11.2	2.798	0.6	4.227	-1.019	-13.6	4.348
247894.9	842284.6	139.5	24.206	8.966	20.3	25.813	2.0	20.541	2.769	0.549	11.2	2.823	0.7	4.252	-1.024	-13.5	4.374
247894.1	842284.1	139.5	24.325	8.995	20.3	25.934	2.0	20.638	2.792	0.555	11.2	2.847	0.7	4.172	-1.009	-13.6	4.293
247893.2	842283.5	139.4	24.275	8.975	20.3	25.881	2.0	20.596	2.812	0.560	11.3	2.867	0.7	3.894	-0.954	-13.8	4.010
247892.4	842282.9	139.3	24.316	8.982	20.3	25.922	2.0	20.628	2.835	0.565	11.3	2.891	0.7	3.720	-0.921	-13.9	3.832
247891.6	842282.3	139.3	24.535	9.040	20.2	26.147	2.1	20.807	2.862	0.571	11.3	2.919	0.8	3.753	-0.930	-13.9	3.866
247890.8	842281.8	139.3	24.862	9.128	20.2	26.484	2.1	21.076	2.893	0.577	11.3	2.950	0.8	3.910	-0.965	-13.9	4.028
247890.0	842281.2	139.4	25.296	9.247	20.1	26.934	2.2	21.433	2.927	0.584	11.3	2.985	0.9	4.188	-1.026	-13.8	4.312
247889.2	842280.6	139.4	25.592	9.326	20.0	27.238	2.3	21.675	2.959	0.590	11.3	3.017	1.0	4.300	-1.054	-13.8	4.427
247888.4	842280.0	139.5	25.891	9.405	20.0	27.546	2.4	21.920	2.991	0.596	11.3	3.050	1.0	4.413	-1.082	-13.8	4.544
247887.5	842279.4	139.6	26.426	9.549	19.9	28.098	2.5	22.360	3.029	0.603	11.3	3.089	1.1	4.786	-1.164	-13.7	4.926
247886.7	842278.9	139.7	26.956	9.691	19.8	28.645	2.6	22.795	3.069	0.610	11.3	3.129	1.3	5.145	-1.243	-13.6	5.293
247885.9	842278.3	139.7	27.189	9.750	19.7	28.884	2.7	22.985	3.100	0.616	11.2	3.161	1.3	5.176	-1.256	-13.6	5.326
247885.1	842277.7	139.7	27.422	9.808	19.7	29.124	2.8	23.176	3.131	0.622	11.2	3.193	1.3	5.207	-1.269	-13.7	5.359
247884.3	842277.1	139.6	27.657	9.866	19.6	29.364	2.8	23.367	3.163	0.628	11.2	3.225	1.3	5.240	-1.282	-13.8	5.395
247883.5	842276.5	139.6	27.750	9.885	19.6	29.458	2.8	23.442	3.190	0.633	11.2	3.253	1.2	5.121	-1.264	-13.9	5.274
247882.6	842276.0	139.5	27.818	9.897	19.6	29.526	2.8	23.496	3.217	0.637	11.2	3.280	1.2	4.976	-1.240	-14.0	5.128
247881.8	842275.4	139.5	27.890	9.911	19.6	29.598	2.9	23.554	3.244	0.643	11.2	3.307	1.1	4.837	-1.216	-14.1	4.987
247881.0	842274.8	139.4	28.090	9.959	19.5	29.803	2.9	23.717	3.273	0.648	11.2	3.337	1.1	4.840	-1.220	-14.1	4.992
247880.2	842274.2	139.4	28.296	10.009	19.5	30.014	2.9	23.884	3.302	0.654	11.2	3.367	1.1	4.852	-1.224	-14.2	5.004
247879.4	842273.7	139.4	28.590	10.081	19.4	30.315	3.0	24.124	3.333	0.661	11.2	3.398	1.1	4.962	-1.247	-14.1	5.116
247878.6	842273.1	139.4	28.809	10.134	19.4	30.539	3.1	24.303	3.362	0.667	11.2	3.427	1.1	4.993	-1.251	-14.1	5.148
247877.8	842272.5	139.3	28.848	10.138	19.4	30.578	3.1	24.333	3.385	0.672	11.2	3.452	1.0	4.833	-1.216	-14.1	4.984
247876.9	842271.9	139.3	28.826	10.126	19.4	30.553	3.1	24.313	3.407	0.677	11.2	3.474	1.0	4.609	-1.166	-14.2	4.754
247876.1	842271.3	139.2	28.936	10.149	19.3	30.664	3.1	24.402	3.432	0.683	11.3	3.500	1.0	4.528	-1.144	-14.2	4.670
247875.3	842270.8	139.2	29.108	10.189	19.3	30.840	3.1	24.542	3.459	0.690	11.3	3.528	1.0	4.515	-1.133	-14.1	4.655
247874.5	842270.2	139.1	29.255	10.222	19.3	30.989	3.1	24.661	3.486	0.696	11.3	3.555	1.0	4.474	-1.116	-14.0	4.611
247873.7	842269.6	139.1	29.439	10.264	19.2	31.177	3.2	24.810	3.514	0.703	11.3	3.584	1.0	4.470	-1.105	-13.9	4.604
247872.9	842269.0	139.2	29.783	10.348	19.2	31.529	3.2	25.090	3.548	0.711	11.3	3.618	1.1	4.634	-1.127	-13.7	4.769
247872.0	842268.4	139.2	30.097	10.424	19.1	31.851	3.3	25.346	3.582	0.719	11.3	3.653	1.2	4.760	-1.141	-13.5	4.895
247871.2	842267.9	139.2	30.415	10.499	19.0	32.176	3.4	25.605	3.617	0.727	11.4	3.690	1.2	4.882	-1.153	-13.3	5.016
247870.4	842267.3	139.2	30.736	10.576	19.0	32.504	3.4	25.866	3.655	0.735	11.4	3.728	1.3	4.998	-1.165	-13.1	5.132
247869.6	842266.7	139.2	31.059	10.652	18.9	32.835	3.5	26.129	3.694	0.743	11.4	3.768	1.4	5.109	-1.175	-13.0	5.242
247868.8	842266.1	139.2	31.112	10.660	18.9	32.888	3.5	26.171	3.726	0.751	11.4	3.801	1.4	4.929	-1.126	-12.9	5.056
247868.0	842265.6	139.1	31.244	10.687	18.9	33.021	3.5	26.278	3.763	0.759	11.4	3.839	1.4	4.821	-1.092	-12.8	4.944
247867.1	842265.0	139.2	31.711	10.798	18.8	33.499	3.6	26.658	3.812	0.768	11.4	3.888	1.5	5.051	-1.128	-12.6	5.175
247866.3	842264.4	139.2	32.120	10.894	18.7	33.917	3.6	26.990	3.860	0.777	11.4	3.938	1.5	5.208	-1.149	-12.4	5.333
247865.5	842263.8	139.2	32.484	10.978	18.7	34.289	3.7	27.286	3.909	0.787	11.4	3.987	1.6	5.309	-1.159	-12.3	5.434
247864.7	842263.2	139.1	32.286	10.924	18.7	34.084	3.7	27.123	3.942	0.794	11.4	4.022	1.4	4.826	-1.050	-12.3	4.939
247863.9	842262.7	138.9	31.912	10.826	18.7	33.698	3.6	26.816	3.974	0.802	11.4	4.054	1.2	4.140	-0.900	-12.3	4.237
247863.1	842262.1	138.9	32.044	10.853	18.7	33.832	3.6	26.923	4.020	0.811	11.4	4.101	1.2	3.974	-0.857	-12.2	4.065
247862.3	842261.5	139.0	32.470	10.952	18.6	34.267	3.7	27.269	4.074	0.821	11.4	4.156	1.3	4.111	-0.877	-12.0	4.203
247861.4	842260.9	139.0	32.937	11.061	18.6	34.744	3.7	27.649	4.131	0.832	11.4	4.214	1.3	4.282	-0.905	-11.9	4.377
247860.6	842260.3	139.1	33.595	11.214	18.5	35.417	3.8	28.184	4.194	0.842	11.4	4.278	1.5	4.642	-0.973	-11.8	4.743
247859.8	842259.8	139.2	34.302	11.376	18.3	36.139	3.9	28.758	4.260	0.853	11.3	4.344	1.6	5.037	-1.049	-11.8	5.146
247859.0	842259.2	139.2	34.446	11.405	18.3	36.285	4.0	28.875	4.311	0.863	11.3	4.397	1.6	4.857	-1.009	-11.7	4.961
247858.2	842258.6	139.1	34.578	11.430	18.3	36.418	4.0	28.980	4.364	0.872	11.3	4.450	1.5	4.659	-0.967	-11.7	4.758
247857.4	842258.0	139.2	34.964	11.515	18.2	36.812	4.0	29.294	4.424	0.881	11.3	4.510	1.5	4.719	-0.978	-11.7	4.819
247856.5	842257.5	139.3	35.601	11.658	18.1	37.461	4.1	29.811	4.490	0.891	11.2	4.577	1.6	5.031	-1.043	-11.7	5.138
247855.7	842256.9	139.3	35.996	11.743	18.1	37.863	4.1	30.130	4.549	0.899	11.2	4.637	1.6	5.101	-1.058	-11.7	5.210
247854.9	842256.3	139.3	36.472	11.846	18.0	38.348	4.2	30.516	4.609	0.908	11.1	4.698	1.7	5.259	-1.092	-11.7	5.371
247854.1	842255.7	139.3	36.785	11.911	17.9	38.665	4.2	30.769	4.663	0.916	11.1	4.752	1.6	5.263	-1.095	-11.7	5.376
247853.3	842255.1	139.3	36.825	11.887	17.9	38.696	4.2	30.793	4.700	0.919	11.1	4.789	1.5	5.005	-1.033	-11.7	5.111
247852.5	842254.6	139.3	37.318	11.992	17.8	39.198	4.3	31.193	4.753	0.927	11.0	4.842	1.6	5.219	-1.075	-11.6	5.328
247851.7	842254.0	139.3	37.653	12.061	17.8	39.538	4.3	31.463	4.798	0.934	11.0	4.888	1.6	5.294	-1.089	-11.6	5.405
247850.8	842253.4	139.3	37.900	12.111	17.7	39.788	4.3	31.662	4.837	0.941	11.0	4.927	1.6	5.303	-1.088	-11.6	5.414
247850.0	842252.8	139.3	38.084	12.146	17.7	39.974	4.3	31.810	4.870	0.947	11.0	4.961	1.5	5.274	-1.077	-11.5	5.383
247849.2	842252.2	139.3	38.202	12.167	17.7	40.093	4.3	31.905	4.898	0.952	11.0	4.990	1.5	5.204	-1.057	-11.5	5.310
247848.4	842251.7	139.3	38.413	12.208	17.6	40.306	4.3	32.074	4.925	0.958	11.0	5.017	1.5	5.248	-1.057	-11.4	5.353
247847.6	842251.1	139.3	38.595	12.243	17.6	40.490	4.3	32.221	4.948	0.963	11.0	5.041	1.5	5.286	-1.054	-11.3	5.390
247846.8	842250.5	139.3	38.979	12.321	17.5	40.880	4.4	32.531	4.974	0.968	11.0	5.067	1.6	5.539	-1.093	-11.2	5.646
247845.9	842249.9	139.3	39.281	12.381	17.5	41.186	4.4	32.775	4.997	0.972	11.0	5.090	1.7	5.731	-1.119	-11.0	5.839
247845.1	842249.4	139.3	39.437	12.410	17.5	41.343	4.4	32.900	5.014	0.976	11.0	5.108	1.8	5.798	-1.120	-10.9	5.905

247844.3	842248.8	139.2	39.562	12.432	17.4	41.469	4.4	33.000	5.030	0.979	11.0	5.125	1.8	5.850	-1.118	-10.8	5.956
247843.5	842248.2	139.1	39.394	12.392	17.5	41.297	4.3	32.863	5.037	0.982	11.0	5.132	1.7	5.635	-1.064	-10.7	5.734
247842.7	842247.6	139.1	39.548	12.420	17.4	41.452	4.3	32.987	5.053	0.984	11.0	5.148	1.8	5.738	-1.073	-10.6	5.838
247841.9	842247.0	139.1	39.637	12.435	17.4	41.542	4.3	33.058	5.068	0.986	11.0	5.163	1.8	5.789	-1.073	-10.5	5.887
247841.0	842246.5	139.0	39.660	12.436	17.4	41.564	4.3	33.075	5.080	0.988	11.0	5.176	1.8	5.782	-1.062	-10.4	5.879
247840.2	842245.9	139.0	39.583	12.417	17.4	41.485	4.3	33.013	5.090	0.990	11.0	5.185	1.8	5.688	-1.035	-10.3	5.781
247839.4	842245.3	138.9	39.470	12.390	17.4	41.369	4.2	32.921	5.099	0.991	11.0	5.194	1.8	5.563	-1.004	-10.2	5.652
247838.6	842244.7	138.9	39.440	12.381	17.4	41.338	4.2	32.896	5.111	0.992	11.0	5.206	1.8	5.521	-0.990	-10.2	5.609
247837.8	842244.1	138.8	39.511	12.393	17.4	41.409	4.2	32.952	5.125	0.993	11.0	5.221	1.8	5.581	-0.996	-10.1	5.669
247837.0	842243.6	138.8	39.460	12.380	17.4	41.356	4.1	32.910	5.137	0.994	10.9	5.232	1.8	5.526	-0.982	-10.1	5.613
247836.2	842243.0	138.7	39.545	12.420	17.4	41.450	4.2	32.985	5.159	1.002	11.0	5.255	1.8	5.587	-1.027	-10.4	5.681
247835.3	842242.4	138.7	39.555	12.420	17.4	41.459	4.2	32.992	5.171	1.003	11.0	5.268	1.8	5.598	-1.025	-10.4	5.691
247834.5	842241.8	138.6	39.558	12.419	17.4	41.462	4.2	32.994	5.183	1.004	11.0	5.279	1.8	5.607	-1.023	-10.3	5.699
247833.7	842241.3	138.6	39.578	12.421	17.4	41.481	4.1	33.010	5.194	1.004	10.9	5.290	1.8	5.635	-1.026	-10.3	5.728
247832.9	842240.7	138.6	39.554	12.415	17.4	41.457	4.1	32.990	5.203	1.005	10.9	5.299	1.8	5.624	-1.021	-10.3	5.716
247832.1	842240.1	138.5	39.531	12.408	17.4	41.433	4.1	32.971	5.211	1.005	10.9	5.307	1.7	5.618	-1.017	-10.3	5.709
247831.3	842239.5	138.5	39.541	12.409	17.4	41.443	4.1	32.979	5.220	1.006	10.9	5.316	1.7	5.648	-1.020	-10.2	5.739
247830.4	842238.9	138.5	39.802	12.462	17.4	41.708	4.1	33.190	5.236	1.007	10.9	5.332	1.8	5.923	-1.070	-10.2	6.019
247829.6	842238.4	138.4	39.705	12.441	17.4	41.609	4.0	33.111	5.241	1.007	10.9	5.337	1.8	5.852	-1.054	-10.2	5.946
247828.8	842237.8	138.3	39.406	12.379	17.4	41.305	4.0	32.869	5.240	1.007	10.9	5.336	1.7	5.583	-1.001	-10.2	5.672
247828.0	842237.2	138.3	39.193	12.335	17.5	41.088	4.0	32.697	5.242	1.007	10.9	5.338	1.7	5.396	-0.964	-10.1	5.482
247827.2	842236.6	138.2	39.077	12.311	17.5	40.970	3.9	32.603	5.248	1.007	10.9	5.343	1.6	5.304	-0.947	-10.1	5.388
247826.4	842236.0	138.2	39.331	12.364	17.5	41.229	3.9	32.809	5.265	1.007	10.8	5.361	1.7	5.581	-1.001	-10.2	5.670
247825.6	842235.5	138.2	39.297	12.357	17.5	41.194	3.9	32.781	5.274	1.006	10.8	5.369	1.7	5.571	-1.000	-10.2	5.660
247824.7	842234.9	138.1	39.010	12.299	17.5	40.903	3.9	32.549	5.274	1.006	10.8	5.369	1.6	5.311	-0.951	-10.1	5.396
247823.9	842234.3	138.2	39.410	12.381	17.4	41.309	3.9	32.872	5.293	1.006	10.8	5.388	1.7	5.738	-1.033	-10.2	5.831
247823.1	842233.7	138.1	39.191	12.338	17.5	41.087	3.8	32.696	5.292	1.006	10.8	5.387	1.6	5.554	-0.997	-10.2	5.643
247822.3	842233.2	138.1	39.280	12.357	17.5	41.178	3.8	32.769	5.298	1.006	10.7	5.392	1.6	5.682	-1.020	-10.2	5.772
247821.5	842232.6	138.0	39.160	12.334	17.5	41.056	3.8	32.671	5.295	1.006	10.8	5.390	1.5	5.604	-1.002	-10.1	5.692
247820.7	842232.0	138.1	39.546	12.414	17.4	41.449	3.8	32.984	5.307	1.006	10.7	5.402	1.6	6.033	-1.079	-10.1	6.129
247819.8	842231.4	138.0	39.227	12.351	17.5	41.125	3.8	32.726	5.295	1.006	10.8	5.389	1.6	5.766	-1.023	-10.1	5.856
247819.0	842230.8	137.9	38.882	12.283	17.5	40.776	3.7	32.449	5.281	1.006	10.8	5.376	1.5	5.472	-0.962	-10.0	5.555
247818.2	842230.3	137.9	38.999	12.309	17.5	40.895	3.7	32.543	5.283	1.007	10.8	5.378	1.5	5.636	-0.987	-9.9	5.722
247817.4	842229.7	137.8	38.845	12.280	17.5	40.740	3.7	32.420	5.277	1.007	10.8	5.372	1.5	5.526	-0.960	-9.9	5.609
247816.6	842229.1	137.8	38.580	12.228	17.6	40.471	3.6	32.206	5.270	1.007	10.8	5.365	1.5	5.296	-0.911	-9.8	5.374
247815.8	842228.5	137.7	38.313	12.176	17.6	40.201	3.6	31.991	5.265	1.008	10.8	5.360	1.4	5.053	-0.861	-9.7	5.126
247814.9	842227.9	137.5	37.490	12.009	17.8	39.367	3.6	31.327	5.246	1.007	10.9	5.342	1.2	4.217	-0.699	-9.4	4.275
247814.1	842227.4	137.4	37.294	11.972	17.8	39.168	3.5	31.169	5.251	1.007	10.9	5.347	1.2	4.017	-0.661	-9.3	4.071
247813.3	842226.8	137.5	37.693	12.058	17.7	39.575	3.5	31.493	5.275	1.008	10.8	5.370	1.3	4.435	-0.743	-9.5	4.497
247812.5	842226.2	137.6	38.021	12.130	17.7	39.909	3.5	31.758	5.300	1.009	10.8	5.395	1.4	4.764	-0.809	-9.6	4.832
247811.7	842225.6	137.5	37.693	12.066	17.8	39.577	3.5	31.494	5.307	1.009	10.8	5.402	1.3	4.398	-0.745	-9.6	4.460
247810.9	842225.1	137.4	37.614	12.054	17.8	39.498	3.5	31.431	5.322	1.009	10.7	5.417	1.3	4.283	-0.730	-9.7	4.345
247810.1	842224.5	137.5	37.833	12.103	17.7	39.722	3.5	31.610	5.346	1.010	10.7	5.441	1.3	4.480	-0.775	-9.8	4.547
247809.2	842223.9	137.5	38.050	12.153	17.7	39.944	3.5	31.786	5.369	1.011	10.7	5.464	1.3	4.671	-0.818	-9.9	4.742
247808.4	842223.3	137.5	38.265	12.201	17.7	40.164	3.5	31.961	5.391	1.011	10.6	5.485	1.3	4.859	-0.861	-10.1	4.935
247807.6	842222.7	137.6	38.478	12.250	17.7	40.381	3.5	32.134	5.411	1.012	10.6	5.505	1.3	5.046	-0.903	-10.2	5.126
247806.8	842222.2	137.5	38.436	12.246	17.7	40.340	3.4	32.102	5.421	1.013	10.6	5.515	1.3	4.972	-0.896	-10.2	5.052
247806.0	842221.6	137.4	37.903	12.142	17.8	39.800	3.4	31.672	5.416	1.013	10.6	5.510	1.1	4.385	-0.791	-10.2	4.456
247805.2	842221.0	137.4	38.082	12.184	17.7	39.983	3.4	31.818	5.427	1.014	10.6	5.521	1.1	4.555	-0.828	-10.3	4.629
247804.3	842220.4	137.5	38.284	12.231	17.7	40.191	3.4	31.983	5.437	1.015	10.6	5.531	1.1	4.756	-0.869	-10.4	4.834
247803.5	842219.8	137.5	38.537	12.289	17.7	40.449	3.4	32.188	5.447	1.015	10.6	5.541	1.2	5.015	-0.921	-10.4	5.099
247802.7	842219.3	137.6	38.789	12.346	17.7	40.706	3.4	32.393	5.456	1.016	10.5	5.550	1.2	5.276	-0.972	-10.4	5.365
247801.9	842218.7	137.6	38.947	12.384	17.6	40.869	3.4	32.522	5.462	1.016	10.5	5.556	1.3	5.445	-1.007	-10.5	5.537
247801.1	842218.1	137.5	38.535	12.307	17.7	40.452	3.3	32.191	5.450	1.016	10.6	5.544	1.2	5.027	-0.932	-10.5	5.113
247800.3	842217.5	137.4	38.166	12.238	17.8	40.080	3.3	31.894	5.440	1.015	10.6	5.534	1.1	4.653	-0.866	-10.5	4.733
247799.5	842217.0	137.4	38.025	12.216	17.8	39.939	3.3	31.782	5.437	1.014	10.6	5.531	1.1	4.522	-0.845	-10.6	4.601
247798.6	842216.4	137.4	38.023	12.223	17.8	39.939	3.3	31.783	5.437	1.013	10.6	5.531	1.1	4.545	-0.854	-10.6	4.625
247797.8	842215.8	137.4	37.946	12.214	17.8	39.864	3.3	31.723	5.434	1.012	10.6	5.528	1.0	4.494	-0.850	-10.7	4.573
247797.0	842215.2	137.3	37.849	12.201	17.9	39.767	3.3	31.646	5.430	1.011	10.5	5.523	1.0	4.427	-0.843	-10.8	4.507
247796.2	842214.6	137.4	37.995	12.239	17.9	39.918	3.3	31.765	5.429	1.009	10.5	5.522	1.0	4.631	-0.885	-10.8	4.715
247795.4	842214.1	137.5	38.837	12.419	17.7	40.774	3.2	32.447	5.446	1.008	10.5	5.538	1.2	5.574	-1.064	-10.8	5.675
247794.6	842213.5	137.6	39.106	12.481	17.7	41.049	3.2	32.666	5.444	1.007	10.5	5.537	1.3	5.919	-1.131	-10.8	6.026
247793.7	842212.9	137.4	38.087	12.282	17.9	40.018	3.2	31.845	5.401	1.004	10.5	5.494	1.0	4.937	-0.952	-10.9	5.028
247792.9	842212.3	137.3	37.446	12.158	18.0	39.370	3.2	31.330	5.368	1.002	10.6	5.461	0.9	4.342	-0.842	-11.0	4.423
247792.1	842211.7	137.4	37.866	12.253	17.9	39.799	3.2	31.671	5.360	1.000	10.6	5.453	1.0	4.900	-0.946	-10.9	4.990
247791.3	842211.2	137.4	38.289	12.349	17.9	40.231	3.2	32.015	5.352	0.999	10.6	5.445	1.1	5.461	-1.050	-10.9	5.561
247790.5	842210.6	137.5	38.501	12.402	17.9	40.450	3.2	32.189	5.338	0.996	10.6	5.431	1.2	5.804	-1.113	-10.9	5.910
247789.7	842210.0	137.3	37.722	12.250	18.0	39.662	3.2	31.562	5.293	0.993	10.6	5.385	1.0	5.116	-0.985	-10.9	5.210
247788.8	842209.4	137.2	37.097	12.129	18.1	39.029	3.2	31.059	5.253	0.990	10.7	5.346	0.9	4.582	-0.884	-10.9	4.667
247788.0	842208.9	137.4	37.996	12.326	18.0	39.945	3.1	31.787	5.257	0.987	10.6	5.349	1.1	5.682	-1.090	-10.9	5.786
247787.2	842208.3	137.4	38.033	12.343	18.0	39.986	3.1	31.820	5.236	0.984	10.6	5.328	1.2	5.867	-1.124	-10.8	5.974
247786.4	842207.7	137.4	37.767	12.298	18.0	39.719	3.1	31.607	5.204	0.980	10.7	5.296	1.2	5.741	-1.101	-10.9	5.845
247785.6	842207.1	137.4	37.583	12.270	18.1	39.535	3.1	31.461	5.174	0.977	10.7	5.265	1.1	5.704	-1.094	-10.9	5.808
247784.8	842206.5	137.3	37.296	12.220	18.1	39.247	3.1	31.232	5.140	0.973	10.7	5.231	1.1	5.563	-1.067	-10.9	5.665
247784.0	842206.0	137.2	36.551	12.074	18.3	38.493	3.1	30.632	5.091	0.968	10.8	5.182	1.0	4.934	-0.948	-10.9	5.024
247783.1	842205.4	137.2	36.440	12.061	18.3	38.384	3.1	30.545	5.060	0.964	10.8	5.151	1.0	4.986	-0.957	-10.9	5.077
247782.3	842204.8	137.1	36.087	11.996	18.4	38.028	3.1	30.262	5.022	0.960	10.8	5.113	0.9	4.778	-0.916	-10.9	4.865
247781.5	842204.2	137.0	35.717	11.927	18.5	37.656	3.1	29.965	4.983	0.956	10.9	5.074	0.9	4.550	-0.872	-10.8	4.633
247780.7	842203.6	137.0	35.513	11.894	18.5	37.452	3.1	29.803	4.949	0.952	10.9	5.039	0.9	4.506	-0.862	-10.8	4.588
247779.9	842203.1	137.0	35.346	11.869	18.6	37.286	3.1	29.671	4.915	0.948	10.9	5.006	0.9	4.502	-0.860	-10.8	4.584
247779.1	842202.5	137.0	35.206	11.849	18.6	37.147	3.1	29.561	4.884	0.944	10.9	4.974	0.9	4.527	-0.864	-10.8	4.609
247778.2	842201.9	136.9	35.033	11.823	18.6	36.974	3.1	29.423	4.851	0.939	11.0	4.941	0.9	4.514	-0.861	-10.8	4.595
247777.4	842201.3	137.0	35.192	11.869	18.6	37.139	3.1	29.555	4.829	0.936	11.0	4.919	1.0	4.865	-0.928	-10.8	4.953
247776.6	842200.8	137.0	35.076	11.856	18.7	37.025	3.1	29.464	4.800	0.932	11.0	4.890	1.0	4.909	-0.936	-10.8	4.998
247775.8	842200.2	136.9	34.440	11.727	18.8	36.382	3.2	28.952	4.756	0.927	11.0	4.846	0.9	4.371	-0.833	-10.8	4.450
247775.0	842199.6	136.7	33.926	11.624	18.9	35.862	3.2	28.538	4.718	0.922	11.1	4.807	0.8	3.954	-0.753	-10.8	4.025
247774.2	842199.0	136.7	33.738	11.594	19.0	35.674	3.2	28.389	4.690	0.918	11.1	4.779	0.8	3.901	-0.744	-10.8	3.972

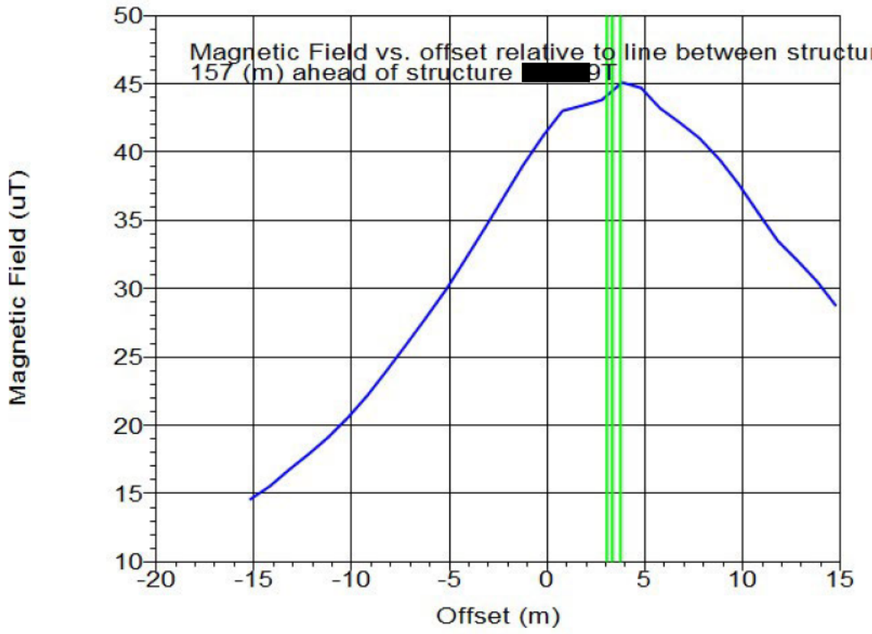
247773.4	842198.4	136.7	33.549	11.563	19.0	35.486	3.2	28.239	4.663	0.914	11.1	4.752	0.8	3.841	-0.734	-10.8	3.911
247772.5	842197.9	136.7	33.435	11.549	19.1	35.373	3.2	28.149	4.639	0.910	11.1	4.727	0.8	3.862	-0.741	-10.9	3.932
247771.7	842197.3	136.8	33.619	11.604	19.0	35.565	3.2	28.302	4.624	0.906	11.1	4.712	0.9	4.219	-0.814	-10.9	4.297
247770.9	842196.7	136.8	33.824	11.664	19.0	35.779	3.2	28.472	4.611	0.902	11.1	4.699	1.0	4.593	-0.890	-11.0	4.679
247770.1	842196.1	136.8	33.596	11.625	19.1	35.551	3.2	28.290	4.586	0.898	11.1	4.673	1.0	4.472	-0.871	-11.0	4.556
247769.3	842195.5	136.8	33.308	11.572	19.2	35.261	3.2	28.060	4.560	0.894	11.1	4.647	0.9	4.277	-0.837	-11.1	4.358
247768.5	842195.0	136.7	33.078	11.532	19.2	35.031	3.3	27.877	4.535	0.890	11.1	4.622	0.9	4.143	-0.815	-11.1	4.223
247767.6	842194.4	136.7	32.960	11.518	19.3	34.915	3.3	27.785	4.513	0.886	11.1	4.600	0.9	4.137	-0.817	-11.2	4.216
247766.8	842193.8	136.8	33.005	11.542	19.3	34.965	3.3	27.824	4.496	0.882	11.1	4.582	0.9	4.315	-0.855	-11.2	4.399
247766.0	842193.2	136.8	32.959	11.545	19.3	34.923	3.3	27.791	4.476	0.879	11.1	4.561	0.9	4.387	-0.873	-11.2	4.473
247765.2	842192.7	136.8	32.757	11.512	19.4	34.721	3.3	27.630	4.451	0.875	11.1	4.536	0.9	4.278	-0.854	-11.3	4.363
247764.4	842192.1	136.7	32.554	11.479	19.4	34.518	3.3	27.469	4.426	0.871	11.1	4.511	0.9	4.167	-0.835	-11.3	4.250
247763.6	842191.5	136.7	32.351	11.445	19.5	34.316	3.3	27.308	4.401	0.867	11.1	4.486	0.8	4.054	-0.815	-11.4	4.135
247762.7	842190.9	136.7	32.187	11.421	19.5	34.153	3.3	27.178	4.377	0.863	11.2	4.462	0.8	3.985	-0.803	-11.4	4.065
247761.9	842190.3	136.7	32.126	11.420	19.6	34.095	3.4	27.132	4.356	0.859	11.2	4.440	0.8	4.036	-0.814	-11.4	4.117
247761.1	842189.8	136.7	32.062	11.420	19.6	34.035	3.4	27.084	4.334	0.856	11.2	4.417	0.8	4.083	-0.824	-11.4	4.165
247760.3	842189.2	136.7	31.995	11.419	19.6	33.972	3.4	27.034	4.311	0.852	11.2	4.395	0.8	4.127	-0.833	-11.4	4.210
247759.5	842188.6	136.8	31.927	11.417	19.7	33.907	3.4	26.982	4.289	0.848	11.2	4.372	0.8	4.168	-0.841	-11.4	4.252
247758.7	842188.0	136.8	31.856	11.415	19.7	33.839	3.4	26.928	4.266	0.844	11.2	4.348	0.8	4.205	-0.848	-11.4	4.290
247757.9	842187.4	136.7	31.636	11.378	19.8	33.620	3.4	26.754	4.239	0.841	11.2	4.321	0.8	4.067	-0.820	-11.4	4.149
247757.0	842186.9	136.7	31.223	11.292	19.9	33.203	3.5	26.422	4.207	0.836	11.2	4.289	0.7	3.699	-0.746	-11.4	3.774
247756.2	842186.3	136.7	31.151	11.290	19.9	33.134	3.5	26.367	4.184	0.833	11.3	4.266	0.7	3.732	-0.751	-11.4	3.807
247755.4	842185.7	136.7	31.097	11.293	20.0	33.084	3.5	26.328	4.161	0.829	11.3	4.243	0.7	3.785	-0.760	-11.4	3.861
247754.6	842185.1	136.7	31.041	11.295	20.0	33.032	3.5	26.286	4.139	0.825	11.3	4.220	0.7	3.834	-0.768	-11.3	3.910
247753.8	842184.6	136.7	30.983	11.296	20.0	32.978	3.5	26.243	4.117	0.821	11.3	4.198	0.7	3.878	-0.775	-11.3	3.954
247753.0	842184.0	136.8	30.922	11.297	20.1	32.921	3.6	26.198	4.095	0.818	11.3	4.176	0.8	3.916	-0.781	-11.3	3.993
247752.1	842183.4	136.8	30.859	11.298	20.1	32.862	3.6	26.151	4.073	0.814	11.3	4.154	0.8	3.949	-0.787	-11.3	4.027
247751.3	842182.8	136.8	30.794	11.298	20.1	32.801	3.6	26.103	4.052	0.810	11.3	4.133	0.8	3.977	-0.791	-11.2	4.055
247750.5	842182.2	136.8	30.727	11.298	20.2	32.738	3.6	26.052	4.032	0.806	11.3	4.112	0.8	3.999	-0.794	-11.2	4.077
247749.7	842181.7	136.8	30.441	11.243	20.3	32.451	3.7	25.824	4.006	0.802	11.3	4.086	0.7	3.758	-0.744	-11.2	3.831
247748.9	842181.1	136.7	30.086	11.169	20.4	32.092	3.7	25.538	3.979	0.798	11.3	4.058	0.7	3.427	-0.677	-11.2	3.494
247748.1	842180.5	136.8	30.134	11.199	20.4	32.147	3.7	25.582	3.962	0.795	11.3	4.041	0.7	3.579	-0.706	-11.2	3.648
247747.3	842179.9	136.8	29.945	11.167	20.5	31.959	3.8	25.432	3.939	0.791	11.4	4.018	0.7	3.443	-0.677	-11.1	3.509
247746.4	842179.3	136.8	29.758	11.136	20.5	31.774	3.8	25.285	3.917	0.787	11.4	3.995	0.7	3.306	-0.649	-11.1	3.369
247745.6	842178.8	136.8	29.662	11.129	20.6	31.681	3.8	25.211	3.897	0.783	11.4	3.975	0.6	3.275	-0.641	-11.1	3.337
247744.8	842178.2	136.9	29.817	11.187	20.6	31.846	3.8	25.342	3.883	0.780	11.4	3.961	0.7	3.546	-0.694	-11.1	3.614
247744.0	842177.6	136.9	29.796	11.199	20.6	31.831	3.8	25.330	3.865	0.777	11.4	3.942	0.7	3.601	-0.704	-11.1	3.669
247743.2	842177.0	136.9	29.644	11.177	20.7	31.681	3.9	25.211	3.845	0.773	11.4	3.922	0.7	3.494	-0.681	-11.0	3.560
247742.4	842176.5	136.9	29.499	11.153	20.7	31.537	3.9	25.096	3.825	0.769	11.4	3.901	0.7	3.372	-0.663	-11.1	3.437
247741.5	842175.9	136.9	29.346	11.131	20.8	31.386	4.0	24.976	3.805	0.765	11.4	3.881	0.7	3.256	-0.639	-11.1	3.318
247740.7	842175.3	136.9	29.178	11.105	20.8	31.220	4.0	24.844	3.786	0.761	11.4	3.862	0.7	3.115	-0.611	-11.1	3.175
247739.9	842174.7	136.9	28.999	11.075	20.9	31.042	4.1	24.702	3.767	0.758	11.4	3.843	0.6	2.956	-0.580	-11.1	3.013
247739.1	842174.1	136.9	28.820	11.046	21.0	30.864	4.1	24.561	3.750	0.754	11.4	3.825	0.6	2.792	-0.548	-11.1	2.845
247738.3	842173.6	137.0	28.870	11.078	21.0	30.923	4.1	24.608	3.738	0.751	11.4	3.813	0.7	2.907	-0.573	-11.1	2.963
247737.5	842173.0	137.0	28.985	11.128	21.0	31.048	4.1	24.707	3.728	0.747	11.3	3.802	0.7	3.097	-0.613	-11.2	3.157
247736.6	842172.4	137.2	29.304	11.233	21.0	31.383	4.1	24.974	3.723	0.744	11.3	3.797	0.8	3.527	-0.702	-11.3	3.596
247735.8	842171.8	137.3	29.313	11.256	21.0	31.400	4.1	24.987	3.712	0.741	11.3	3.786	0.8	3.579	-0.716	-11.3	3.650
247735.0	842171.2	137.2	29.079	11.213	21.1	31.166	4.1	24.801	3.696	0.737	11.3	3.769	0.8	3.335	-0.672	-11.4	3.402
247734.2	842170.7	137.3	29.038	11.221	21.1	31.131	4.2	24.773	3.685	0.733	11.2	3.757	0.8	3.322	-0.674	-11.5	3.390
247733.4	842170.1	137.5	29.465	11.358	21.1	31.578	4.1	25.129	3.683	0.729	11.2	3.754	0.8	3.872	-0.788	-11.5	3.951
247732.6	842169.5	137.4	29.213	11.310	21.2	31.326	4.2	24.929	3.665	0.725	11.2	3.736	0.8	3.610	-0.741	-11.6	3.685
247731.8	842168.9	137.4	28.999	11.272	21.2	31.113	4.2	24.759	3.649	0.720	11.2	3.719	0.7	3.393	-0.703	-11.7	3.465
247730.9	842168.4	137.6	29.278	11.370	21.2	31.408	4.2	24.994	3.641	0.716	11.1	3.710	0.8	3.772	-0.782	-11.7	3.852
247730.1	842167.8	137.6	29.070	11.334	21.3	31.201	4.3	24.829	3.621	0.711	11.1	3.691	0.7	3.572	-0.746	-11.8	3.649
247729.3	842167.2	137.6	29.047	11.349	21.3	31.185	4.3	24.817	3.605	0.707	11.1	3.673	0.7	3.598	-0.755	-11.8	3.677
247728.5	842166.6	137.8	29.336	11.451	21.3	31.491	4.2	25.060	3.593	0.702	11.1	3.661	0.7	4.001	-0.836	-11.8	4.088
247727.7	842166.0	137.8	29.227	11.443	21.4	31.388	4.3	24.977	3.571	0.697	11.0	3.639	0.7	3.939	-0.825	-11.8	4.025
247726.9	842165.5	137.8	29.104	11.431	21.4	31.269	4.3	24.883	3.548	0.692	11.0	3.615	0.7	3.866	-0.812	-11.9	3.951
247726.0	842164.9	137.8	28.989	11.421	21.5	31.158	4.4	24.794	3.523	0.686	11.0	3.589	0.6	3.810	-0.801	-11.9	3.893
247725.2	842164.3	138.0	29.129	11.484	21.5	31.311	4.4	24.917	3.502	0.681	11.0	3.568	0.6	4.062	-0.849	-11.8	4.149
247724.4	842163.7	138.0	29.080	11.493	21.6	31.268	4.4	24.883	3.476	0.676	11.0	3.542	0.6	4.095	-0.853	-11.8	4.183
247723.6	842163.1	138.0	29.013	11.497	21.6	31.208	4.4	24.835	3.449	0.670	11.0	3.514	0.6	4.115	-0.855	-11.7	4.203
247722.8	842162.6	138.1	28.895	11.487	21.7	31.094	4.5	24.744	3.420	0.664	11.0	3.484	0.6	4.080	-0.845	-11.7	4.167
247722.0	842162.0	138.0	28.635	11.437	21.8	30.835	4.6	24.538	3.388	0.657	11.0	3.451	0.5	3.885	-0.804	-11.7	3.967
247721.2	842161.4	138.0	28.328	11.372	21.9	30.526	4.7	24.291	3.354	0.650	11.0	3.417	0.5	3.636	-0.753	-11.7	3.713
247720.3	842160.8	138.0	28.025	11.308	22.0	30.220	4.8	24.049	3.320	0.643	11.0	3.382	0.5	3.393	-0.703	-11.7	3.465
247719.5	842160.3	137.9	27.732	11.245	22.1	29.925	4.9	23.814	3.287	0.636	10.9	3.348	0.4	3.163	-0.656	-11.7	3.231
247718.7	842159.7	137.9	27.498	11.200	22.2	29.691	4.9	23.627	3.255	0.628	10.9	3.315	0.4	3.006	-0.622	-11.7	3.069
247717.9	842159.1	137.9	27.266	11.154	22.2	29.459	5.0	23.443	3.223	0.621	10.9	3.282	0.4	2.850	-0.590	-11.7	2.911
247717.1	842158.5	137.9	27.114	11.132	22.3	29.310	5.1	23.325	3.193	0.614	10.9	3.251	0.4	2.793	-0.577	-11.7	2.852
247716.3	842157.9	138.0	27.187	11.178	22.4	29.395	5.1	23.392	3.167	0.606	10.8	3.225	0.5	3.006	-0.615	-11.6	3.068
247715.4	842157.4	137.9	26.904	11.117	22.5	29.111	5.2	23.165	3.136	0.599	10.8	3.192	0.4	2.791	-0.573	-11.6	2.849
247714.6	842156.8	138.0	26.765	11.098	22.5	28.975	5.3	23.058	3.107	0.591	10.8	3.163	0.4	2.747	-0.564	-11.6	2.805
247713.8	842156.2	138.0	26.572	11.063	22.6	28.783	5.4	22.905	3.078	0.583	10.7	3.133	0.4	2.636	-0.543	-11.6	2.692
247713.0	842155.6	138.0	26.398	11.034	22.7	28.611	5.5	22.768	3.050	0.575	10.7	3.104	0.4	2.548	-0.527	-11.7	2.601
247712.2	842155.0	138.0	26.225	11.004	22.8	28.440	5.5	22.632	3.022	0.567	10.6	3.075	0.4	2.458	-0.511	-11.7	2.510
247711.4	842154.5	138.0	26.052	10.974	22.8	28.269	5.6	22.496	2.995	0.559	10.6	3.047	0.5	2.366	-0.496	-11.8	2.418
247710.5	842153.9	138.0	25.935	10.962	22.9	28.156	5.7	22.406	2.969	0.550	10.5	3.020	0.5	2.341	-0.493	-11.9	2.393
247709.7	842153.3	138.1	25.928	10.985	23.0	28.159	5.7	22.408	2.946	0.542	10.4	2.995	0.5	2.448	-0.515	-11.9	2.502
247708.9	842152.7	138.1	25.944	11.014	23.0	28.185	5.8	22.429	2.923	0.534	10.4	2.971	0.5	2.579	-0.542	-11.9	2.635
247708.1	842152.2	138.2	25.799	10.993	23.1	28.044	5.9	22.316	2.897	0.526	10.3	2.945	0.5	2.516	-0.534	-12.0	2.572
247707.3	842151.6	138.1	25.523	10.930	23.2	27.765	6.0	22.095	2.870	0.517	10.2	2.916	0.5	2.295	-0.498	-12.3	2.348
247706.5	842151.0	138.2	25.628	10.989	23.2	27.884	6.0	22.190	2.849	0.509	10.1	2.894	0.6	2.528	-0.544	-12.1	2.585
247705.7	842150.4	138.3	25.731	11.048	23.2	28.002	6.0	22.283	2.828	0.501	10.0	2.872	0.6	2.755	-0.588	-12.1	2.817
247704.8	842149.8	138.4	25.758	11.083	23.3	28.041	6.0	22.314	2.806	0.493	10.0	2.848	0.7	2.890	-0.616	-12.0	2.955
247704.0	842149.3	138.4	25.583	11.052	23.4	27.868	6.1	22.177	2.780	0.484	9.9	2.822	0.7	2.789	-0.604	-12.2	2.854
247703.2	842148.7	138.4	25.372	11.009	23.5	27.657	6.2	22.009	2.754	0.474	9.8	2.794	0.7	2.646	-0.584	-12.5	2.710

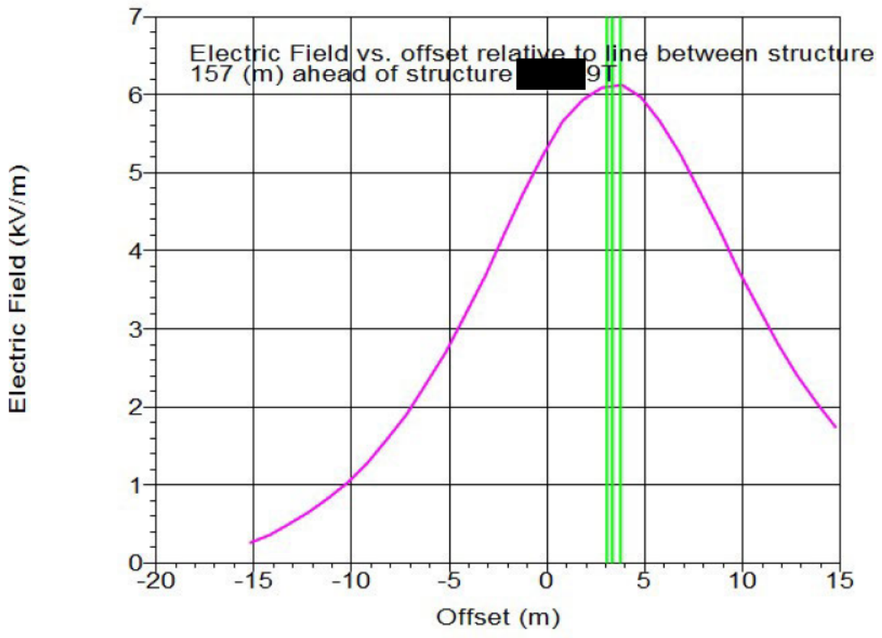
247702.4	842148.1	138.5	25.404	11.046	23.5	27.702	6.3	22.045	2.731	0.466	9.7	2.771	0.7	2.787	-0.614	-12.4	2.854
247701.6	842147.5	138.5	25.196	11.003	23.6	27.494	6.4	21.879	2.705	0.456	9.6	2.743	0.7	2.649	-0.596	-12.7	2.715
247700.8	842146.9	138.5	24.922	10.938	23.7	27.217	6.5	21.659	2.678	0.446	9.5	2.714	0.7	2.435	-0.567	-13.1	2.500
247699.9	842146.4	138.5	24.831	10.934	23.8	27.132	6.6	21.591	2.653	0.436	9.3	2.689	0.7	2.435	-0.574	-13.3	2.501
247699.1	842145.8	138.6	24.791	10.947	23.8	27.100	6.6	21.566	2.629	0.427	9.2	2.663	0.8	2.495	-0.590	-13.3	2.564
247698.3	842145.2	138.6	24.735	10.955	23.9	27.052	6.7	21.528	2.604	0.417	9.1	2.637	0.8	2.538	-0.604	-13.4	2.609
247697.5	842144.6	138.7	24.617	10.941	24.0	26.939	6.8	21.437	2.578	0.407	9.0	2.610	0.8	2.511	-0.607	-13.6	2.583
247696.7	842144.1	138.8	24.779	11.025	24.0	27.121	6.8	21.582	2.556	0.398	8.8	2.587	0.9	2.804	-0.658	-13.2	2.881
247695.9	842143.5	139.0	25.103	11.165	24.0	27.474	6.7	21.863	2.538	0.390	8.7	2.567	1.2	3.273	-0.735	-12.7	3.354
247695.1	842142.9	139.1	24.983	11.151	24.1	27.358	6.8	21.771	2.510	0.380	8.6	2.539	1.2	3.247	-0.735	-12.8	3.329
247694.2	842142.3	139.1	24.767	11.105	24.2	27.143	7.0	21.600	2.481	0.368	8.4	2.508	1.2	3.121	-0.721	-13.0	3.203
247693.4	842141.7	139.1	24.640	11.089	24.2	27.020	7.1	21.502	2.453	0.357	8.3	2.479	1.2	3.093	-0.721	-13.1	3.176
247692.6	842141.2	139.3	24.874	11.200	24.2	27.279	7.0	21.708	2.432	0.349	8.2	2.457	1.5	3.458	-0.775	-12.6	3.544
247691.8	842140.6	139.3	24.783	11.198	24.3	27.195	7.1	21.641	2.403	0.338	8.0	2.427	1.6	3.473	-0.779	-12.6	3.559
247691.0	842140.0	139.3	24.453	11.110	24.4	26.859	7.3	21.374	2.370	0.326	7.8	2.392	1.5	3.237	-0.749	-13.0	3.323
247690.2	842139.4	139.2	24.193	11.045	24.5	26.595	7.4	21.164	2.338	0.313	7.6	2.359	1.5	3.078	-0.730	-13.3	3.163
247689.3	842138.8	139.3	24.073	11.031	24.6	26.480	7.5	21.072	2.308	0.302	7.5	2.328	1.6	3.071	-0.730	-13.4	3.156
247688.5	842138.3	139.3	23.946	11.014	24.7	26.357	7.7	20.974	2.278	0.290	7.3	2.296	1.6	3.058	-0.729	-13.4	3.144
247687.7	842137.7	139.3	23.792	10.987	24.8	26.206	7.8	20.854	2.247	0.278	7.1	2.264	1.7	3.019	-0.724	-13.5	3.105
247686.9	842137.1	139.3	23.660	10.968	24.9	26.078	7.9	20.752	2.216	0.267	6.9	2.232	1.8	3.004	-0.721	-13.5	3.090
247686.1	842136.5	139.4	23.581	10.968	24.9	26.006	8.0	20.695	2.187	0.256	6.7	2.201	1.9	3.045	-0.723	-13.4	3.130
247685.3	842136.0	139.5	23.525	10.976	25.0	25.960	8.1	20.658	2.157	0.245	6.5	2.171	2.1	3.111	-0.727	-13.1	3.195
247684.4	842135.4	139.4	23.280	10.914	25.1	25.711	8.2	20.460	2.124	0.232	6.2	2.137	2.1	2.982	-0.709	-13.4	3.065
247683.6	842134.8	139.5	23.118	10.882	25.2	25.551	8.3	20.333	2.093	0.219	6.0	2.105	2.2	2.940	-0.700	-13.4	3.022
247682.8	842134.2	139.5	22.925	10.837	25.3	25.358	8.5	20.179	2.061	0.207	5.7	2.072	2.3	2.867	-0.687	-13.5	2.948
247682.0	842133.6	139.5	22.723	10.789	25.4	25.154	8.6	20.017	2.029	0.194	5.5	2.039	2.4	2.785	-0.674	-13.6	2.865
247681.2	842133.1	139.5	22.559	10.755	25.5	24.992	8.8	19.888	1.999	0.182	5.2	2.007	2.5	2.741	-0.663	-13.6	2.820
247680.4	842132.5	139.5	22.373	10.711	25.6	24.805	8.9	19.739	1.967	0.170	4.9	1.975	2.6	2.675	-0.649	-13.6	2.753
247679.6	842131.9	139.5	22.206	10.675	25.7	24.639	9.1	19.607	1.937	0.158	4.7	1.943	2.7	2.628	-0.636	-13.6	2.704
247678.7	842131.3	139.5	22.037	10.637	25.8	24.470	9.2	19.472	1.906	0.146	4.4	1.912	2.9	2.578	-0.623	-13.6	2.652
247677.9	842130.7	139.5	21.867	10.598	25.9	24.300	9.3	19.337	1.876	0.135	4.1	1.881	3.1	2.526	-0.608	-13.5	2.598
247677.1	842130.2	139.5	21.679	10.551	26.0	24.110	9.5	19.186	1.846	0.124	3.8	1.850	3.2	2.456	-0.592	-13.6	2.526
247676.3	842129.6	139.6	21.556	10.530	26.0	23.990	9.6	19.091	1.817	0.115	3.6	1.821	3.5	2.447	-0.578	-13.3	2.514
247675.5	842129.0	139.5	21.309	10.458	26.1	23.737	9.8	18.889	1.786	0.103	3.3	1.789	3.5	2.319	-0.558	-13.5	2.385
247674.7	842128.4	139.5	21.011	10.363	26.3	23.428	10.0	18.643	1.755	0.091	3.0	1.757	3.5	2.143	-0.538	-14.1	2.209
247673.8	842127.9	139.5	20.849	10.324	26.3	23.266	10.2	18.514	1.726	0.084	2.8	1.728	3.7	2.095	-0.521	-14.0	2.159
247673.0	842127.3	139.5	20.687	10.285	26.4	23.103	10.3	18.385	1.698	0.078	2.6	1.700	4.0	2.047	-0.503	-13.8	2.108
247672.2	842126.7	139.4	20.325	10.159	26.6	22.722	10.6	18.082	1.666	0.067	2.3	1.667	3.7	1.810	-0.484	-15.0	1.873
247671.4	842126.1	139.4	20.058	10.073	26.7	22.445	10.8	17.861	1.636	0.061	2.1	1.637	3.7	1.663	-0.468	-15.7	1.728
247670.6	842125.5	139.3	19.795	9.987	26.8	22.172	11.0	17.644	1.607	0.059	2.1	1.608	3.7	1.521	-0.452	-16.6	1.586
247669.8	842125.0	139.3	19.560	9.911	26.9	21.928	11.2	17.449	1.578	0.061	2.2	1.579	3.7	1.404	-0.438	-17.3	1.471
247669.0	842124.4	139.3	19.443	9.887	27.0	21.813	11.3	17.358	1.551	0.071	2.6	1.553	4.1	1.398	-0.422	-16.8	1.460
247668.1	842123.8	139.4	19.403	9.897	27.0	21.781	11.4	17.333	1.526	0.084	3.2	1.529	4.7	1.460	-0.402	-15.4	1.515
247667.3	842123.2	139.5	19.425	9.934	27.1	21.817	11.5	17.362	1.503	0.101	3.8	1.506	5.6	1.575	-0.378	-13.5	1.620
247666.5	842122.6	139.6	19.290	9.901	27.2	21.683	11.7	17.255	1.477	0.112	4.3	1.481	6.0	1.549	-0.360	-13.1	1.591
247665.7	842122.1	139.6	19.161	9.871	27.3	21.554	11.8	17.152	1.451	0.124	4.9	1.456	6.4	1.528	-0.342	-12.6	1.566
247664.9	842121.5	139.8	19.250	9.939	27.3	21.664	11.9	17.240	1.429	0.143	5.7	1.437	7.7	1.693	-0.310	-10.4	1.722
247664.1	842120.9	139.8	19.080	9.890	27.4	21.491	12.0	17.102	1.403	0.154	6.3	1.411	8.1	1.637	-0.295	-10.2	1.663
247663.2	842120.3	139.8	18.865	9.819	27.5	21.268	12.2	16.924	1.375	0.165	6.8	1.385	8.3	1.545	-0.285	-10.5	1.571
247662.4	842119.7	139.7	18.511	9.683	27.6	20.891	12.5	16.624	1.344	0.172	7.3	1.355	7.8	1.339	-0.293	-12.3	1.371
247661.6	842119.2	139.7	18.354	9.637	27.7	20.730	12.7	16.496	1.318	0.185	8.0	1.331	8.1	1.300	-0.285	-12.4	1.331
247660.8	842118.6	139.7	18.140	9.563	27.8	20.507	12.9	16.319	1.290	0.197	8.7	1.305	8.2	1.217	-0.287	-13.3	1.250
247660.0	842118.0	139.7	18.005	9.526	27.9	20.370	13.1	16.210	1.264	0.211	9.5	1.282	8.7	1.200	-0.283	-13.3	1.233
247659.2	842117.4	139.8	17.881	9.494	28.0	20.246	13.2	16.111	1.239	0.225	10.3	1.259	9.2	1.195	-0.281	-13.2	1.227
247658.3	842116.9	139.8	17.738	9.452	28.1	20.099	13.4	15.994	1.213	0.239	11.2	1.236	9.6	1.175	-0.284	-13.6	1.209
247657.5	842116.3	139.8	17.513	9.371	28.1	19.863	13.6	15.806	1.185	0.252	12.0	1.211	9.5	1.095	-0.304	-15.5	1.137
247656.7	842115.7	139.8	17.276	9.282	28.2	19.611	13.9	15.606	1.157	0.265	12.9	1.187	9.2	1.009	-0.332	-18.2	1.062
247655.9	842115.1	139.7	16.999	9.172	28.4	19.315	14.1	15.371	1.128	0.277	13.8	1.162	8.6	0.896	-0.374	-22.6	0.971
247655.1	842114.5	139.8	16.902	9.150	28.4	19.220	14.3	15.295	1.103	0.293	14.9	1.141	9.2	0.925	-0.388	-22.8	1.003
247654.3	842114.0	139.8	16.762	9.106	28.5	19.076	14.5	15.180	1.077	0.309	16.0	1.120	9.4	0.923	-0.415	-24.2	1.013
247653.5	842113.4	139.8	16.509	9.006	28.6	18.805	14.7	14.965	1.048	0.323	17.1	1.097	8.8	0.841	-0.472	-29.3	0.964
247652.6	842112.8	139.8	16.331	8.942	28.7	18.619	14.9	14.817	1.022	0.339	18.3	1.076	8.6	0.818	-0.519	-32.4	0.969
247651.8	842112.2	139.8	16.144	8.873	28.8	18.422	15.2	14.659	0.995	0.355	19.6	1.056	8.3	0.791	-0.575	-36.0	0.978
247651.0	842111.6	139.8	15.976	8.812	28.9	18.245	15.4	14.519	0.968	0.372	21.0	1.037	8.1	0.781	-0.633	-39.0	1.005
247650.2	842111.1	139.8	15.832	8.763	29.0	18.096	15.6	14.400	0.942	0.389	22.4	1.019	8.0	0.790	-0.690	-41.1	1.049
247649.4	842110.5	139.9	15.694	8.718	29.1	17.953	15.8	14.286	0.917	0.406	23.9	1.003	8.0	0.806	-0.751	-43.0	1.102
247648.6	842109.9	140.0	15.623	8.706	29.1	17.885	16.0	14.232	0.892	0.425	25.5	0.988	8.4	0.868	-0.797	-42.6	1.178
247647.7	842109.3	140.1	15.563	8.700	29.2	17.830	16.1	14.189	0.867	0.444	27.1	0.974	8.8	0.936	-0.843	-42.0	1.260
247646.9	842108.8	140.1	15.490	8.687	29.3	17.759	16.3	14.133	0.842	0.462	28.8	0.961	9.0	0.995	-0.896	-42.0	1.339
247646.1	842108.2	140.3	15.461	8.698	29.4	17.739	16.5	14.117	0.819	0.482	30.5	0.950	9.6	1.081	-0.935	-40.9	1.429
247645.3	842107.6	140.6	15.680	8.840	29.4	18.001	16.5	14.324	0.800	0.502	32.1	0.945	12.7	1.310	-0.887	-34.1	1.582
247644.5	842107.0	140.8	15.857	8.960	29.5	18.214	16.6	14.494	0.783	0.523	33.8	0.941	15.7	1.500	-0.850	-29.5	1.724
247643.7	842106.4	140.9	15.710	8.910	29.6	18.061	16.8	14.373	0.757	0.542	35.6	0.931	15.0	1.505	-0.929	-31.7	1.769
247642.9	842105.9	140.9	15.522	8.838	29.7	17.862	17.1	14.214	0.731	0.561	37.5	0.921	13.6	1.488	-1.027	-34.6	1.808
247642.0	842105.3	141.0	15.504	8.857	29.7	17.856	17.3	14.209	0.709	0.580	39.3	0.916	14.3	1.560	-1.058	-34.1	1.886
247641.2	842104.7	141.3	15.628	8.953	29.8	18.011	17.4	14.332	0.692	0.601	40.9	0.916	16.9	1.698	-1.028	-31.2	1.985
247640.4	842104.1	141.6	15.840	9.097	29.9	18.266	17.5	14.536	0.680	0.621	42.4	0.921	21.0	1.867	-0.953	-27.0	2.096
247639.6	842103.5	141.9	16.118	9.280	29.9	18.599	17.5	14.801	0.674	0.643	43.6	0.932	26.2	2.051	-0.841	-22.3	2.217
247638.8	842103.0	142.2	16.311	9.418	30.0	18.834	17.6	14.988	0.667	0.664	44.9	0.941	30.2	2.182	-0.758	-19.2	2.310
247638.0	842102.4	142.7	16.752	9.694	30.1	19.355	17.6	15.402	0.677	0.687	45.4	0.964	37.8	2.398	-0.558	-13.1	2.462
247637.1	842101.8	143.0	17.012	9.873	30.1	19.669	17.7	15.652	0.680	0.709	46.2	0.982	42.9	2.524	-0.427	-9.6	2.560
247636.3	842101.2	143.0	16.763	9.773	30.2	19.404	18.0	15.441	0.650	0.724	48.1	0.974	40.9	2.454	-0.514	-11.8	2.508
247635.5	842100.7	143.0	16.643	9.746	30.4	19.287	18.3	15.348	0.630	0.741	49.6	0.973	40.7	2.430	-0.541	-12.5	2.490
247634.7	842100.1	143.3	16.730	9.833	30.4	19.406	18.4	15.443	0.624	0.760	50.6	0.984	43.4	2.473	-0.465	-10.7	2.516
247633.9	842099.5	143.4	16.665	9.837	30.6	19.351	18.7	15.399	0.609	0.777	51.9	0.987	43.9	2.458	-0.456	-10.5	2.500
247633.1	842098.9	143.5	16.631	9.859	30.7	19.334	18.9	15.385	0.597	0.794	53.1	0.993	44.7	2.449	-0.426	-9.9	2.486
247632.2	842098.3	143.6	16.517	9.837	30.8	19.225	19.2	15.299	0.579	0.810	54.4	0.995	44.4	2.412	-0.432	-10.1	2.450

247631.4	842097.8	143.6	16.372	9.797	30.9	19.080	19.5	15.183	0.559	0.824	55.9	0.996	43.5	2.363	-0.451	-10.8	2.405
247630.6	842097.2	143.6	16.202	9.743	31.0	18.905	19.8	15.044	0.537	0.839	57.4	0.996	42.1	2.304	-0.482	-11.8	2.354
247629.8	842096.6	143.7	16.043	9.695	31.1	18.745	20.1	14.917	0.517	0.853	58.8	0.997	40.9	2.247	-0.507	-12.7	2.304
247629.0	842096.0	143.8	16.048	9.742	31.3	18.774	20.3	14.940	0.510	0.869	59.6	1.007	42.0	2.229	-0.435	-11.0	2.271
247628.2	842095.4	143.9	15.955	9.733	31.4	18.689	20.6	14.873	0.494	0.883	60.8	1.012	41.5	2.182	-0.419	-10.9	2.222
247627.4	842094.9	144.0	15.894	9.742	31.5	18.642	20.8	14.835	0.482	0.897	61.8	1.019	41.4	2.139	-0.382	-10.1	2.173
247626.5	842094.3	144.0	15.831	9.749	31.6	18.592	21.1	14.795	0.469	0.912	62.8	1.025	41.1	2.091	-0.348	-9.4	2.120
247625.7	842093.7	144.1	15.746	9.743	31.7	18.517	21.3	14.735	0.454	0.926	63.9	1.031	40.3	2.035	-0.328	-9.2	2.062
247624.9	842093.1	144.1	15.710	9.766	31.9	18.498	21.5	14.720	0.444	0.941	64.7	1.040	40.0	1.986	-0.281	-8.1	2.006
247624.1	842092.6	144.2	15.666	9.782	32.0	18.470	21.7	14.698	0.432	0.955	65.7	1.048	39.5	1.931	-0.243	-7.2	1.946
247623.3	842092.0	144.2	15.632	9.803	32.1	18.452	21.9	14.684	0.420	0.971	66.6	1.058	38.8	1.875	-0.204	-6.2	1.886
247622.5	842091.4	144.3	15.619	9.836	32.2	18.458	22.1	14.688	0.410	0.987	67.4	1.068	38.2	1.818	-0.157	-4.9	1.825
247621.6	842090.8	144.3	15.638	9.887	32.3	18.501	22.2	14.723	0.402	1.003	68.2	1.081	37.8	1.763	-0.096	-3.1	1.765

Max BF along centerline is 41.708 (uT) at 157.000 (m) from structure [redacted]-9T

Cross section results at max BF along centerline between structures [redacted]-9T and [redacted]/[redacted]-10





3D EMF Point Results Span from [redacted]-9T to [redacted]-10:

Measurement			B					H	EF					Space Potential			
X (m)	Y (m)	Z (m)	Real (uT)	Imaginary (uT)	Angle (deg)	Magnitude (uT)	Polarization Axial Ratio %	Magnitude (A/m)	Real (kV/m)	Imaginary (kV/m)	Angle (deg)	Magnitude (kV/m)	Polarization Axial Ratio %	Real (kV)	Imaginary (kV)	Angle (deg)	Magnitude (kV)
247839.2	842226.5	138.4	13.109	6.281	25.6	14.536	11.7	11.568	0.226	0.130	29.9	0.260	4.1	0.149	-0.091	-31.5	0.174
247838.7	842227.4	138.4	14.100	6.631	25.2	15.582	11.9	12.400	0.325	0.175	28.3	0.369	3.5	0.262	-0.142	-28.4	0.298
247838.1	842228.2	138.4	15.171	6.992	24.7	16.705	11.9	13.293	0.445	0.225	26.8	0.499	3.2	0.394	-0.195	-26.3	0.439
247837.5	842229.0	138.4	16.332	7.365	24.3	17.916	11.9	14.257	0.589	0.280	25.4	0.652	3.0	0.544	-0.249	-24.6	0.598
247836.9	842229.8	138.3	17.535	7.723	23.8	19.160	11.8	15.247	0.759	0.338	24.0	0.831	2.8	0.674	-0.286	-23.0	0.732
247836.3	842230.6	138.3	18.931	8.131	23.2	20.603	11.7	16.395	0.962	0.401	22.6	1.042	2.8	0.885	-0.350	-21.6	0.952
247835.8	842231.4	138.3	20.463	8.556	22.7	22.179	11.4	17.650	1.202	0.468	21.3	1.290	2.8	1.144	-0.421	-20.2	1.219
247835.2	842232.2	138.4	22.174	9.008	22.1	23.934	11.2	19.046	1.483	0.537	19.9	1.577	2.8	1.487	-0.509	-18.9	1.572
247834.6	842233.1	138.5	24.111	9.496	21.5	25.914	10.8	20.621	1.809	0.608	18.6	1.909	3.0	1.964	-0.625	-17.7	2.061
247834.0	842233.9	138.4	26.003	9.919	20.9	27.831	10.2	22.147	2.181	0.677	17.2	2.284	2.8	2.326	-0.682	-16.3	2.424
247833.5	842234.7	138.4	28.073	10.358	20.3	29.923	9.6	23.812	2.603	0.745	16.0	2.707	2.7	2.783	-0.751	-15.1	2.883
247832.9	842235.5	138.4	30.280	10.799	19.6	32.148	8.8	25.582	3.071	0.809	14.8	3.175	2.6	3.315	-0.822	-13.9	3.415
247832.3	842236.3	138.4	32.570	11.227	19.0	34.451	7.8	27.415	3.577	0.868	13.6	3.681	2.5	3.893	-0.888	-12.8	3.993
247831.7	842237.1	138.5	34.891	11.637	18.4	36.780	6.8	29.269	4.108	0.919	12.6	4.210	2.3	4.502	-0.947	-11.9	4.601
247831.1	842238.0	138.5	37.164	12.021	17.9	39.060	5.6	31.083	4.639	0.964	11.7	4.738	2.1	5.116	-0.997	-11.0	5.212
247830.6	842238.8	138.5	39.306	12.376	17.5	41.208	4.3	32.792	5.140	1.000	11.0	5.236	1.8	5.717	-1.044	-10.3	5.812
247830.0	842239.6	138.5	41.158	12.687	17.1	43.069	3.0	34.273	5.570	1.030	10.5	5.664	1.6	6.225	-1.080	-9.8	6.318
247829.4	842240.4	138.3	41.504	12.742	17.1	43.416	1.6	34.550	5.850	1.054	10.2	5.944	1.2	5.538	-0.917	-9.4	5.613
247828.8	842241.2	138.2	41.848	12.848	17.1	43.776	1.1	34.836	6.001	1.074	10.1	6.097	1.1	5.181	-0.841	-9.2	5.249
247828.2	842242.0	138.4	43.097	13.177	17.0	45.066	2.2	35.863	6.036	1.092	10.3	6.134	1.4	6.105	-1.019	-9.5	6.190
247827.7	842242.9	138.3	42.665	13.241	17.2	44.672	3.6	35.549	5.869	1.104	10.7	5.972	1.5	5.776	-0.998	-9.8	5.862
247827.1	842243.7	138.2	41.160	13.136	17.7	43.205	5.0	34.381	5.541	1.111	11.3	5.651	1.6	4.764	-0.861	-10.2	4.841
247826.5	842244.5	138.2	39.984	13.126	18.2	42.084	6.4	33.489	5.125	1.110	12.2	5.244	1.8	4.402	-0.858	-11.0	4.485
247825.9	842245.3	138.3	38.838	13.150	18.7	41.004	7.9	32.630	4.646	1.101	13.3	4.775	2.3	4.333	-0.931	-12.1	4.432
247825.4	842246.1	138.3	37.191	13.072	19.4	39.422	9.2	31.371	4.127	1.081	14.7	4.266	2.7	3.955	-0.940	-13.4	4.065
247824.8	842246.9	138.3	35.328	12.932	20.1	37.621	10.3	29.938	3.605	1.049	16.2	3.754	3.0	3.480	-0.918	-14.8	3.599
247824.2	842247.7	138.3	33.101	12.659	20.9	35.439	11.3	28.202	3.102	1.005	18.0	3.261	3.0	2.700	-0.781	-16.1	2.811
247823.6	842248.6	138.2	31.077	12.402	21.8	33.460	12.1	26.627	2.641	0.953	19.8	2.808	3.0	2.135	-0.678	-17.6	2.241
247823.0	842249.4	138.4	29.671	12.319	22.5	32.127	13.0	25.566	2.233	0.896	21.9	2.407	3.8	2.173	-0.784	-19.8	2.310
247822.5	842250.2	138.4	28.014	12.110	23.4	30.519	13.7	24.286	1.871	0.833	24.0	2.048	4.2	1.904	-0.764	-21.9	2.052
247821.9	842251.0	138.4	26.239	11.798	24.2	28.770	14.0	22.894	1.554	0.766	26.2	1.733	4.0	1.457	-0.637	-23.6	1.590

PLS-CADD Version 20.00x64 14:28:23 10 October 2024
M Group Services Limited - UK
Project Name: 'D:\SSE ASTI PLS CADD Models\LT459 Fanellan Temp 08102024\FNLN4-LT459-MES-OHLTA-ZZ-M-EO-7601-P04.1.don'
Line Title: 'Temp Diversion - PLS TOWERS updated'

3D EMF Calculation Notes:
  1) Calculations based on the EPRI Red Book methods (3rd Edition, 2005 - 7.4 Calculation of Magnetic Fields and Appendices 7.1 Calculation of Field Ellipse Parameters and 7.6 Electric Field Calculations for 3D Geometry).
  2) All wire positions are modeled at the specified weather case and wind direction. Height above ground determined by the modeled ground TIN.
  3) Only the effects of wires are being analyzed. The effects of structures are not included unless enabled as noted below.
  4) Ground return is being ignored for magnetic field calculations.

Meter height above ground: 1.00 (m)
Maximum wire distance: 150.00 (m)
Maximum cable segment size: 3.00 (m)
Cross section offset +/-: 15.20 (m)
Result interval: 1.00 (m)
Electric field limit: 9.00 (kV/m)
Magnetic field limit: 360.00 (uT)
Space potential limit: 0.00 (kV)
Contour Map Spacing: 3 (m)
Analyzing spans between these structures: [redacted]/[redacted]-4 - [redacted]/[redacted]-11, [redacted]-6T - [redacted]-9T

One or more sections have wind from both directions which is not supported. A wind direction of left is being used for those sections.

Section Data for 3D EMF Results:

Section Number	Section Note	Voltage Ph-Ph (kV)	Current (Amps)	Cable Filename	Cable Description	Conductors Per Phase	Bundle Diameter (cm)	Cable Radius (cm)	Weather Case	Condition	Wind Dir.	WC Temperature (deg C)	Effective Radius (cm)
1		0.0	0.0	AACSR OPGW	OPGW Data Sheet	1	0.000	1.190	10°C	Creep FE	Left	10.000	1.190
2		0.0	0.0	AACSR OPGW	OPGW Data Sheet	1	0.000	1.190	10°C	Creep FE	Left	10.000	1.190
3		0.0	0.0	AACSR OPGW	OPGW Data Sheet	1	0.000	1.190	10°C	Creep FE	Left	10.000	1.190
5		400.0	3400.0	Lamifil_700mm_aaac_araucaria_HC_RTS	HC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
6		400.0	3400.0	Lamifil_700mm_aaac_araucaria_HC_RTS	HC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
7		400.0	3400.0	Lamifil_700mm_aaac_araucaria_HC_RTS	HC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
9		400.0	3400.0	Lamifil_700mm_aaac_araucaria_HC_RTS	HC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
10		400.0	3400.0	Lamifil_700mm_aaac_araucaria_HC_RTS	HC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
11		400.0	3400.0	Lamifil_700mm_aaac_araucaria_HC_RTS	HC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
13		400.0	3400.0	Lamifil_700mm_aaac_araucaria_HC_RTS	HC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
14		400.0	3400.0	Lamifil_700mm_aaac_araucaria_HC_RTS	HC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
15		400.0	3400.0	Lamifil_700mm_aaac_araucaria_HC_RTS	HC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
17		400.0	3400.0	Lamifil_700mm_aaac_araucaria_HC_RTS	HC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
18		400.0	3400.0	Lamifil_700mm_aaac_araucaria_HC_RTS	HC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
19		400.0	3400.0	Lamifil_700mm_aaac_araucaria_HC_RTS	HC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
21		400.0	3400.0	Lamifil_700mm_aaac_araucaria_HC_RTS	HC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
22		400.0	3400.0	Lamifil_700mm_aaac_araucaria_HC_RTS	HC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
23		400.0	3400.0	Lamifil_700mm_aaac_araucaria_HC_RTS	HC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
25		400.0	3400.0	Lamifil_700mm_aaac_araucaria_HC_RTS	HC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
26		400.0	3400.0	Lamifil_700mm_aaac_araucaria_HC_RTS	HC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
27		400.0	3400.0	Lamifil_700mm_aaac_araucaria_HC_RTS	HC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651

Centerline results between structures [redacted]/[redacted]-4 and [redacted]/[redacted]-5

3D EMF Point Results Centerline from [redacted]/[redacted]-4 to [redacted]/[redacted]-5:

Measurement X (m)	Measurement Y (m)	Measurement Z (m)	B Real (uT)	B Imaginary (uT)	B Angle (deg)	B Magnitude (uT)	B Polarization Axial Ratio %	H Magnitude (A/m)	EF Real (kV/m)	EF Imaginary (kV/m)	EF Angle (deg)	EF Magnitude (kV/m)	EF Polarization Axial Ratio %	Space Potential Real (kV)	Space Potential Imaginary (kV)	Space Potential Angle (deg)	Space Potential Magnitude (kV)
249438.0	843965.0	38.7	9.680	6.217	32.7	11.504	16.4	9.155	0.124	0.592	78.1	0.605	20.3	0.029	0.970	88.3	0.970
249437.3	843964.3	38.6	9.540	6.143	32.8	11.347	16.5	9.030	0.113	0.581	79.0	0.592	19.3	0.061	0.885	86.0	0.887
249436.6	843963.6	38.5	9.436	6.094	32.9	11.233	16.8	8.939	0.106	0.575	79.6	0.585	18.3	0.088	0.810	83.8	0.815
249435.9	843962.8	38.4	9.374	6.074	32.9	11.170	17.2	8.888	0.104	0.573	79.8	0.583	17.4	0.112	0.751	81.5	0.759
249435.2	843962.1	38.4	9.350	6.079	33.0	11.152	17.6	8.875	0.106	0.575	79.6	0.585	16.7	0.134	0.704	79.2	0.717
249434.5	843961.4	38.4	9.403	6.134	33.1	11.227	18.2	8.934	0.117	0.580	78.6	0.592	17.2	0.159	0.702	77.2	0.720
249433.8	843960.7	38.3	9.439	6.176	33.2	11.280	18.8	8.976	0.125	0.588	78.0	0.601	16.6	0.180	0.669	75.0	0.692
249433.1	843960.0	38.3	9.523	6.248	33.3	11.390	19.5	9.064	0.137	0.598	77.1	0.613	16.5	0.202	0.658	72.9	0.688
249432.4	843959.3	38.3	9.663	6.352	33.3	11.563	20.2	9.202	0.153	0.610	75.9	0.629	17.3	0.230	0.675	71.1	0.713
249431.7	843958.5	38.4	9.821	6.466	33.4	11.759	20.9	9.357	0.169	0.623	74.8	0.646	18.0	0.259	0.693	69.5	0.740
249431.0	843957.8	38.4	9.991	6.583	33.4	11.965	21.6	9.522	0.186	0.638	73.8	0.664	18.6	0.289	0.708	67.8	0.765
249430.3	843957.1	38.3	10.053	6.628	33.4	12.042	22.3	9.583	0.194	0.651	73.4	0.680	16.4	0.295	0.634	65.0	0.699
249429.6	843956.4	38.3	10.218	6.735	33.4	12.238	23.0	9.739	0.209	0.666	72.6	0.698	16.3	0.318	0.628	63.2	0.704
249429.0	843955.7	38.3	10.424	6.865	33.4	12.482	23.5	9.933	0.226	0.681	71.6	0.718	16.9	0.347	0.647	61.8	0.735
249428.3	843954.9	38.4	10.657	7.008	33.3	12.755	24.0	10.150	0.245	0.697	70.6	0.738	17.9	0.382	0.680	60.7	0.780
249427.6	843954.2	38.4	10.875	7.138	33.3	13.008	24.5	10.351	0.262	0.711	69.8	0.758	18.4	0.412	0.699	59.5	0.811
249426.9	843953.5	38.4	11.034	7.228	33.2	13.190	24.9	10.496	0.274	0.725	69.3	0.775	17.8	0.428	0.675	57.6	0.799
249426.2	843952.8	38.3	11.182	7.309	33.2	13.359	25.3	10.631	0.286	0.737	68.8	0.791	16.9	0.440	0.644	55.7	0.780

249425.5	843952.1	38.3	11.318	7.380	33.1	13.511	25.6	10.752	0.297	0.749	68.4	0.806	15.9	0.447	0.604	53.5	0.751
249424.8	843951.4	38.3	11.458	7.453	33.0	13.669	25.9	10.878	0.308	0.761	68.0	0.821	15.1	0.455	0.569	51.4	0.729
249424.1	843950.6	38.3	11.638	7.550	33.0	13.872	26.1	11.039	0.320	0.772	67.5	0.835	15.0	0.473	0.564	50.0	0.736
249423.4	843949.9	38.3	11.813	7.642	32.9	14.069	26.2	11.196	0.332	0.782	67.0	0.849	14.9	0.490	0.558	48.7	0.742
249422.7	843949.2	38.3	11.979	7.729	32.8	14.256	26.3	11.345	0.342	0.792	66.6	0.863	14.7	0.505	0.549	47.4	0.745
249422.0	843948.5	38.3	12.139	7.812	32.8	14.436	26.4	11.488	0.352	0.801	66.3	0.875	14.6	0.518	0.538	46.1	0.747
249421.3	843947.8	38.3	12.293	7.892	32.7	14.608	26.4	11.625	0.361	0.809	66.0	0.886	14.4	0.530	0.527	44.8	0.748
249420.6	843947.0	38.3	12.496	8.001	32.6	14.838	26.4	11.808	0.372	0.818	65.6	0.898	15.1	0.558	0.552	44.7	0.784
249419.9	843946.3	38.5	12.802	8.173	32.6	15.188	26.3	12.087	0.386	0.827	65.0	0.912	17.6	0.615	0.646	46.4	0.892
249419.2	843945.6	38.6	13.051	8.310	32.5	15.472	26.2	12.312	0.398	0.835	64.5	0.925	19.1	0.657	0.705	47.0	0.964
249418.5	843944.9	38.6	13.221	8.401	32.4	15.664	26.1	12.465	0.406	0.842	64.2	0.934	19.5	0.678	0.715	46.5	0.985
249417.8	843944.2	38.6	13.360	8.473	32.4	15.820	26.0	12.589	0.412	0.848	64.1	0.943	19.4	0.690	0.710	45.8	0.990
249417.1	843943.5	38.6	13.493	8.543	32.3	15.970	25.9	12.709	0.418	0.854	63.9	0.951	19.4	0.701	0.703	45.1	0.993
249416.4	843942.7	38.6	13.626	8.613	32.3	16.120	25.8	12.827	0.423	0.860	63.8	0.958	19.4	0.713	0.699	44.4	0.998
249415.7	843942.0	38.7	13.760	8.685	32.3	16.271	25.7	12.948	0.428	0.865	63.7	0.965	19.5	0.726	0.699	43.9	1.007
249415.0	843941.3	38.7	13.889	8.755	32.2	16.418	25.6	13.065	0.433	0.870	63.6	0.972	19.7	0.738	0.698	43.4	1.016
249414.3	843940.6	38.7	13.994	8.810	32.2	16.536	25.5	13.159	0.436	0.875	63.5	0.978	19.4	0.743	0.684	42.6	1.010
249413.6	843939.9	38.7	14.087	8.860	32.2	16.641	25.4	13.243	0.438	0.880	63.5	0.983	19.1	0.746	0.665	41.7	1.000
249412.9	843939.2	38.7	14.188	8.915	32.1	16.756	25.3	13.334	0.441	0.885	63.5	0.988	19.0	0.752	0.653	41.0	0.996
249412.2	843938.4	38.7	14.323	8.991	32.1	16.911	25.2	13.457	0.445	0.889	63.4	0.995	19.4	0.769	0.664	40.8	1.016
249411.6	843937.7	38.8	14.455	9.065	32.1	17.062	25.1	13.578	0.449	0.894	63.3	1.001	19.8	0.785	0.675	40.7	1.035
249410.9	843937.0	38.8	14.584	9.139	32.1	17.211	24.9	13.696	0.453	0.899	63.2	1.006	20.3	0.801	0.686	40.6	1.055
249410.2	843936.3	38.9	14.711	9.211	32.1	17.357	24.8	13.812	0.457	0.903	63.2	1.012	20.7	0.817	0.697	40.5	1.074
249409.5	843935.6	38.9	14.835	9.283	32.0	17.500	24.7	13.926	0.460	0.907	63.1	1.017	21.1	0.832	0.708	40.4	1.093
249408.8	843934.8	39.0	14.999	9.379	32.0	17.690	24.6	14.077	0.465	0.912	63.0	1.024	22.1	0.859	0.744	40.9	1.137
249408.1	843934.1	38.9	15.058	9.412	32.0	17.758	24.5	14.131	0.466	0.916	63.1	1.027	21.6	0.857	0.719	40.0	1.119
249407.4	843933.4	38.9	15.116	9.445	32.0	17.824	24.4	14.184	0.465	0.919	63.2	1.031	21.2	0.855	0.694	39.1	1.102
249406.7	843932.7	38.9	15.172	9.477	32.0	17.889	24.3	14.235	0.465	0.923	63.2	1.034	20.8	0.853	0.670	38.1	1.085
249406.0	843932.0	38.9	15.226	9.508	32.0	17.951	24.3	14.285	0.465	0.926	63.3	1.037	20.4	0.851	0.645	37.2	1.068
249405.3	843931.3	39.0	15.303	9.554	32.0	18.040	24.2	14.356	0.466	0.930	63.4	1.040	20.3	0.857	0.636	36.6	1.067
249404.6	843930.5	39.0	15.393	9.607	32.0	18.145	24.1	14.440	0.467	0.934	63.4	1.044	20.5	0.866	0.637	36.3	1.074
249403.9	843929.8	39.0	15.486	9.663	32.0	18.253	24.0	14.525	0.469	0.937	63.4	1.048	20.7	0.876	0.639	36.1	1.084
249403.2	843929.1	39.0	15.595	9.728	32.0	18.380	23.9	14.626	0.472	0.941	63.4	1.053	21.1	0.891	0.653	36.3	1.104
249402.5	843928.4	39.1	15.702	9.792	31.9	18.506	23.8	14.726	0.474	0.945	63.4	1.057	21.6	0.905	0.668	36.4	1.125
249401.8	843927.7	39.1	15.809	9.856	31.9	18.630	23.7	14.825	0.477	0.949	63.3	1.062	22.1	0.920	0.683	36.6	1.146
249401.1	843926.9	39.2	15.915	9.920	31.9	18.753	23.7	14.923	0.479	0.952	63.3	1.066	22.6	0.934	0.698	36.8	1.167
249400.4	843926.2	39.2	16.019	9.983	31.9	18.875	23.6	15.021	0.482	0.956	63.3	1.070	23.0	0.949	0.715	37.0	1.188
249399.7	843925.5	39.2	16.089	10.026	31.9	18.957	23.5	15.085	0.482	0.959	63.3	1.073	23.1	0.954	0.712	36.8	1.190
249399.0	843924.8	39.2	16.067	10.013	31.9	18.932	23.5	15.065	0.478	0.961	63.5	1.073	21.9	0.935	0.658	35.2	1.143
249398.3	843924.1	39.2	16.157	10.068	31.9	19.037	23.4	15.149	0.480	0.964	63.5	1.077	22.3	0.945	0.671	35.4	1.159
249397.6	843923.4	39.2	16.246	10.122	31.9	19.142	23.3	15.233	0.482	0.966	63.5	1.080	22.7	0.956	0.685	35.6	1.176
249396.9	843922.6	39.2	16.312	10.163	31.9	19.219	23.3	15.294	0.483	0.969	63.5	1.083	22.8	0.961	0.687	35.5	1.181
249396.2	843921.9	39.3	16.393	10.212	31.9	19.313	23.2	15.369	0.485	0.971	63.5	1.086	23.1	0.970	0.698	35.8	1.195
249395.5	843921.2	39.3	16.463	10.255	31.9	19.395	23.2	15.434	0.486	0.974	63.5	1.088	23.3	0.976	0.706	35.9	1.205
249394.8	843920.5	39.3	16.517	10.289	31.9	19.460	23.1	15.485	0.486	0.976	63.5	1.090	23.3	0.978	0.706	35.8	1.207
249394.2	843919.8	39.3	16.570	10.322	31.9	19.522	23.1	15.535	0.487	0.978	63.5	1.092	23.4	0.981	0.707	35.8	1.209
249393.5	843919.0	39.3	16.623	10.354	31.9	19.584	23.0	15.584	0.487	0.980	63.5	1.094	23.4	0.983	0.710	35.8	1.212
249392.8	843918.3	39.3	16.675	10.387	31.9	19.645	23.0	15.633	0.488	0.981	63.6	1.096	23.5	0.985	0.713	35.9	1.216
249392.1	843917.6	39.4	16.726	10.419	31.9	19.706	22.9	15.682	0.489	0.983	63.6	1.097	23.6	0.987	0.719	36.1	1.221
249391.4	843916.9	39.4	16.777	10.450	31.9	19.766	22.9	15.729	0.489	0.984	63.6	1.099	23.8	0.990	0.725	36.2	1.227
249390.7	843916.2	39.4	16.810	10.471	31.9	19.805	22.9	15.760	0.489	0.985	63.6	1.100	23.7	0.988	0.723	36.2	1.224
249390.0	843915.5	39.4	16.826	10.483	31.9	19.825	22.8	15.776	0.488	0.986	63.7	1.100	23.4	0.982	0.713	36.0	1.213
249389.3	843914.7	39.4	16.948	10.557	31.9	19.967	22.8	15.889	0.493	0.988	63.5	1.104	24.6	1.003	0.764	37.3	1.261
249388.6	843914.0	39.4	16.941	10.554	31.9	19.960	22.8	15.883	0.490	0.988	63.6	1.103	24.0	0.992	0.743	36.9	1.240
249387.9	843913.3	39.4	16.933	10.551	31.9	19.951	22.8	15.877	0.488	0.989	63.7	1.103	23.5	0.981	0.724	36.4	1.219
249387.2	843912.6	39.4	16.928	10.548	31.9	19.946	22.7	15.872	0.486	0.989	63.8	1.102	23.1	0.970	0.707	36.1	1.201
249386.5	843911.9	39.4	16.923	10.547	31.9	19.941	22.7	15.868	0.484	0.989	63.9	1.102	22.7	0.961	0.692	35.7	1.184
249385.8	843911.1	39.4	16.927	10.551	31.9	19.946	22.7	15.873	0.483	0.990	64.0	1.101	22.4	0.954	0.683	35.6	1.173
249385.1	843910.4	39.4	16.967	10.576	31.9	19.993	22.7	15.910	0.483	0.990	64.0	1.102	22.6	0.956	0.695	36.0	1.181
249384.4	843909.7	39.4	17.005	10.600	31.9	20.038	22.7	15.945	0.484	0.991	64.0	1.103	22.8	0.958	0.707	36.5	1.190
249383.7	843909.0	39.4	17.041	10.623	31.9	20.081	22.6	15.980	0.485	0.991	63.9	1.104	23.1	0.959	0.720	36.9	1.200
249383.0	843908.3	39.4	17.067	10.640	31.9	20.112	22.6	16.005	0.485	0.992	64.0	1.104	23.2	0.959	0.728	37.2	1.204
249382.3	843907.6	39.4	17.047	10.629	31.9	20.089	22.6	15.986	0.482	0.992	64.1	1.103	22.7	0.947	0.710	36.9	1.184
249381.6	843906.8	39.4	17.025	10.617	31.9	20.064	22.6	15.966	0.480	0.992	64.2	1.102	22.2	0.935	0.692	36.5	1.164
249380.9	843906.1	39.4	17.005	10.606	32.0	20.042	22.6	15.949	0.478	0.991	64.3	1.101	21.8	0.924	0.677	36.2	1.145
249380.2	843905.4	39.4	16.999	10.604	32.0	20.035	22.6	15.944	0.476	0.991	64.3	1.100	21.5	0.917	0.669	36.1	1.135
249379.5	843904.7	39.3	16.992	10.601	32.0	20.027	22.6	15.937	0.475	0.991	64.4	1.099	21.3	0.909	0.662	36.1	1.125
249378.8	843904.0	39.3	16.983	10.597	32.0	20.018	22.6	15.930	0.474	0.991	64.5	1.099	21.0	0.902	0.655	36.0	1.114
249378.1	843903.2	39.4	17.014	10.616	32.0	20.054	22.6	15.959	0.474	0.992	64.4	1.099	21.3	0.904	0.670	36.6	1.126
249377.4	843902.5	39.4	17.147	10.698	32.0	20.210	22.5	16.083	0.481	0.993	64.2	1.103	23.0	0.933	0.745	38.6	1.194
249376.8	843901.8	39.5	17.238	10.754	32.0	20.318	22.4	16.168	0.485	0.994	64.0	1.106	24.1	0.950	0.797	40.0	1.240
249376.1	843901.1	39.5	17.240	10.756	32.0	20.320	22.4	16.170	0.485	0.994	64.0	1.106	24.1	0.946	0.797	40.1	1.237
249375.4	843900.4	39.5	17.236	10.755	32.0	20.317	22.4	16.167	0.484	0.994	64.0	1.105	24.0	0.941	0.796	40.2	1.233
249374.7	843899.7	39.5	17.231	10.753	32.0	20.311	22.4	16.163	0.483	0.994	64.1	1.105	23.9	0.935	0.794	40.3	1.227
249374.0	843898.9	39.5	17.225	10.750	32.0	20.304	22.4	16.157	0.482	0.993	64.1	1.104	23.8	0.930	0.792	40.4	1.222
249373.3	843898.2	39.5	17.217	10.747	32.0	20.296	22.4	16.151	0.481	0.993	64.1	1.104	23.7	0.924	0.790	40.5	1.216
249372.6	843897.5	39.5	17.209	10.743	32.0	20.287	22.4	16.144	0.480	0.993	64.2	1.103	23.6	0.919	0.788	40.6	1.211
249371.9	843896.8	39.5	17.200	10.739	32.0	20.277	22.4	16.136	0.480	0.993	64.2	1.103	23.5	0.913	0.786	40.7	1.205
249371.2	843896.1	39.5	17.187	10.732	32.0	20.262	22.4	16.124	0.479	0.992	64.3	1.102	23.4	0.907	0.782	40.8	1.198
249370.5	843895.4	39.5	17.162	10.718	32.0	20.234	22.4	16.102	0.477	0.992	64.3	1.101	23.1	0.899	0.772	40.7	1.185
249369.8	843894.6	39.5	17.150	10.712	32.0	20.220	22.4	16.091	0.476	0.992	64.4	1.100	23.0	0.894	0.769	40.7	1.179
249369.1	843893.9	39.5	17.142	10.708	32.0	20.212	22.4	16.084	0.476	0.992	64.4	1.100	23.0	0.891	0.769	40.8	1.177
249368.4	843893.2	39.5	17.134	10.704	32.0	20.203	22.4	16.077	0.475	0.991	64.4	1.099	23.0	0.888	0.769	40.9	1.175
249367.7	843892.5	39.5	17.124	10.700	32.0	20.192	22.4	16.068	0.474	0.991	64.4	1.099	23.0	0.886	0.768	40.9	1.172
249367.0	843891.8	39.5	17.114	10.694	32.0	20.180	22.4	16.059	0.473	0.991	64.5	1.098	23.0	0.884	0.767	41.0	1.170
249366.3	843891.0	39.5	17.102	10.688	32.0	20.167	22.4	16.048	0.472	0.991	64.5	1.098	22.9	0.882	0.765	40.9	1.168
249365.6	843890.3	39.5	17.089	10.681	32.0	20.152	22.4	16.037	0.471	0.991	64.5	1.097	22.9	0.882	0.763	40.9	1.166

249364.9	843889.6	39.5	17.075	10.674	32.0	20.136	22.4	16.024	0.470	0.990	64.6	1.096	22.8	0.882	0.760	40.8	1.164
249364.2	843888.9	39.5	17.054	10.662	32.0	20.112	22.4	16.005	0.469	0.990	64.7	1.096	22.7	0.881	0.754	40.6	1.159
249363.5	843888.2	39.5	17.030	10.649	32.0	20.085	22.4	15.983	0.467	0.990	64.7	1.095	22.6	0.880	0.746	40.3	1.154
249362.8	843887.5	39.5	17.006	10.635	32.0	20.057	22.4	15.961	0.465	0.990	64.8	1.094	22.4	0.880	0.738	40.0	1.148
249362.1	843886.7	39.5	16.980	10.620	32.0	20.027	22.4	15.937	0.463	0.990	64.9	1.093	22.3	0.881	0.729	39.6	1.143
249361.4	843886.0	39.5	16.953	10.605	32.0	19.997	22.4	15.913	0.461	0.990	65.0	1.092	22.1	0.882	0.719	39.2	1.138
249360.7	843885.3	39.5	16.925	10.589	32.0	19.964	22.4	15.887	0.459	0.990	65.1	1.091	22.0	0.884	0.710	38.8	1.134
249360.0	843884.6	39.5	16.896	10.572	32.0	19.931	22.4	15.861	0.457	0.989	65.2	1.090	21.8	0.887	0.700	38.3	1.130
249359.4	843883.9	39.5	16.866	10.555	32.0	19.897	22.4	15.833	0.455	0.989	65.3	1.089	21.6	0.889	0.690	37.8	1.126
249358.7	843883.1	39.5	16.835	10.537	32.0	19.861	22.4	15.805	0.452	0.989	65.4	1.087	21.5	0.892	0.680	37.3	1.122
249358.0	843882.4	39.5	16.839	10.540	32.0	19.865	22.4	15.808	0.452	0.989	65.4	1.087	21.8	0.904	0.691	37.4	1.138
249357.3	843881.7	39.5	16.842	10.543	32.0	19.869	22.4	15.811	0.452	0.989	65.5	1.087	22.1	0.917	0.702	37.4	1.154
249356.6	843881.0	39.5	16.801	10.519	32.1	19.822	22.4	15.774	0.449	0.988	65.6	1.085	21.8	0.919	0.688	36.8	1.148
249355.9	843880.3	39.5	16.735	10.480	32.1	19.745	22.5	15.713	0.445	0.987	65.8	1.083	21.3	0.915	0.661	35.8	1.129
249355.2	843879.6	39.5	16.703	10.461	32.1	19.709	22.5	15.684	0.443	0.987	65.8	1.081	21.2	0.920	0.654	35.4	1.129
249354.5	843878.8	39.5	16.670	10.442	32.1	19.671	22.5	15.654	0.441	0.986	65.9	1.080	21.1	0.924	0.648	35.0	1.129
249353.8	843878.1	39.5	16.645	10.428	32.1	19.642	22.5	15.631	0.439	0.985	66.0	1.079	21.1	0.931	0.648	34.8	1.134
249353.1	843877.4	39.5	16.632	10.420	32.1	19.627	22.5	15.618	0.438	0.984	66.0	1.077	21.3	0.940	0.655	34.9	1.145
249352.4	843876.7	39.5	16.617	10.412	32.1	19.610	22.5	15.605	0.438	0.983	66.0	1.076	21.5	0.948	0.663	35.0	1.157
249351.7	843876.0	39.5	16.602	10.403	32.1	19.592	22.5	15.591	0.437	0.982	66.0	1.075	21.7	0.956	0.672	35.1	1.169
249351.0	843875.2	39.5	16.575	10.388	32.1	19.561	22.5	15.566	0.436	0.981	66.0	1.073	21.8	0.962	0.675	35.1	1.175
249350.3	843874.5	39.5	16.534	10.364	32.1	19.514	22.5	15.529	0.434	0.979	66.1	1.071	21.7	0.963	0.671	34.9	1.174
249349.6	843873.8	39.5	16.493	10.340	32.1	19.466	22.5	15.491	0.432	0.978	66.1	1.069	21.7	0.965	0.668	34.7	1.173
249348.9	843873.1	39.5	16.451	10.315	32.1	19.417	22.5	15.452	0.431	0.976	66.2	1.067	21.6	0.966	0.665	34.5	1.172
249348.2	843872.4	39.5	16.408	10.289	32.1	19.367	22.6	15.412	0.429	0.974	66.2	1.064	21.5	0.966	0.662	34.4	1.171
249347.5	843871.7	39.5	16.364	10.263	32.1	19.316	22.6	15.371	0.427	0.972	66.3	1.062	21.5	0.966	0.660	34.4	1.170
249346.8	843870.9	39.5	16.319	10.236	32.1	19.263	22.6	15.329	0.426	0.970	66.3	1.060	21.4	0.965	0.659	34.3	1.168
249346.1	843870.2	39.5	16.273	10.209	32.1	19.211	22.6	15.287	0.424	0.968	66.3	1.057	21.4	0.964	0.657	34.3	1.167
249345.4	843869.5	39.5	16.229	10.183	32.1	19.160	22.6	15.247	0.423	0.966	66.4	1.055	21.3	0.963	0.658	34.3	1.166
249344.7	843868.8	39.5	16.186	10.158	32.1	19.109	22.6	15.207	0.422	0.964	66.4	1.052	21.3	0.961	0.659	34.4	1.165
249344.0	843868.1	39.5	16.142	10.131	32.1	19.058	22.6	15.166	0.420	0.962	66.4	1.050	21.3	0.959	0.661	34.6	1.165
249343.3	843867.3	39.5	16.099	10.106	32.1	19.008	22.7	15.126	0.419	0.960	66.4	1.048	21.3	0.957	0.663	34.7	1.165
249342.6	843866.6	39.6	16.067	10.087	32.1	18.971	22.7	15.097	0.419	0.958	66.4	1.046	21.5	0.958	0.673	35.1	1.171
249342.0	843865.9	39.6	16.035	10.068	32.1	18.934	22.7	15.067	0.419	0.956	66.3	1.044	21.7	0.958	0.683	35.5	1.176
249341.3	843865.2	39.6	16.001	10.048	32.1	18.895	22.7	15.036	0.418	0.954	66.3	1.042	21.9	0.957	0.693	35.9	1.181
249340.6	843864.5	39.6	15.967	10.028	32.1	18.854	22.7	15.004	0.418	0.952	66.3	1.040	22.0	0.956	0.702	36.3	1.186
249339.9	843863.8	39.6	15.931	10.006	32.1	18.813	22.7	14.971	0.418	0.950	66.3	1.038	22.2	0.954	0.711	36.7	1.190
249339.2	843863.0	39.6	15.895	9.985	32.1	18.771	22.7	14.937	0.417	0.948	66.2	1.036	22.3	0.953	0.720	37.1	1.194
249338.5	843862.3	39.6	15.785	9.918	32.1	18.642	22.8	14.835	0.413	0.945	66.4	1.031	21.5	0.933	0.684	36.2	1.157
249337.8	843861.6	39.5	15.667	9.847	32.1	18.505	22.8	14.726	0.408	0.942	66.6	1.027	20.5	0.912	0.643	35.2	1.116
249337.1	843860.9	39.5	15.550	9.776	32.2	18.367	22.9	14.616	0.403	0.939	66.8	1.022	19.5	0.891	0.602	34.1	1.075
249336.4	843860.2	39.5	15.490	9.740	32.2	18.298	22.9	14.561	0.401	0.937	66.8	1.020	19.3	0.884	0.597	34.0	1.066
249335.7	843859.4	39.5	15.471	9.729	32.2	18.276	22.9	14.544	0.402	0.935	66.7	1.018	19.7	0.886	0.617	34.8	1.080
249335.0	843858.7	39.5	15.451	9.717	32.2	18.253	22.9	14.525	0.403	0.934	66.7	1.017	20.1	0.889	0.636	35.6	1.093
249334.3	843858.0	39.6	15.431	9.705	32.2	18.229	22.9	14.506	0.403	0.932	66.6	1.015	20.5	0.891	0.654	36.3	1.106
249333.6	843857.3	39.6	15.378	9.673	32.2	18.168	22.9	14.457	0.402	0.929	66.6	1.012	20.6	0.882	0.646	36.2	1.093
249332.9	843856.6	39.6	15.329	9.643	32.2	18.110	22.9	14.411	0.401	0.927	66.6	1.010	20.6	0.878	0.647	36.4	1.091
249332.2	843855.9	39.6	15.279	9.613	32.2	18.051	23.0	14.365	0.400	0.925	66.6	1.007	20.6	0.875	0.647	36.5	1.088
249331.5	843855.1	39.6	15.227	9.582	32.2	17.991	23.0	14.317	0.398	0.923	66.7	1.005	20.6	0.872	0.646	36.5	1.085
249330.8	843854.4	39.6	15.176	9.551	32.2	17.931	23.0	14.269	0.397	0.921	66.7	1.003	20.5	0.870	0.645	36.5	1.083
249330.1	843853.7	39.6	15.123	9.519	32.2	17.869	23.0	14.220	0.395	0.919	66.7	1.000	20.5	0.868	0.643	36.5	1.080
249329.4	843853.0	39.6	15.070	9.486	32.2	17.807	23.0	14.170	0.394	0.917	66.8	0.998	20.4	0.866	0.640	36.5	1.077
249328.7	843852.3	39.6	15.017	9.454	32.2	17.745	23.1	14.121	0.392	0.915	66.8	0.996	20.4	0.865	0.638	36.4	1.074
249328.0	843851.6	39.6	14.948	9.412	32.2	17.664	23.1	14.057	0.390	0.913	66.9	0.993	20.1	0.860	0.625	36.0	1.063
249327.3	843850.8	39.6	14.875	9.368	32.2	17.579	23.1	13.989	0.387	0.911	67.0	0.990	19.8	0.855	0.610	35.5	1.050
249326.6	843850.1	39.6	14.801	9.323	32.2	17.493	23.1	13.920	0.384	0.909	67.1	0.987	19.4	0.851	0.594	34.9	1.038
249325.9	843849.4	39.6	14.727	9.278	32.2	17.406	23.2	13.851	0.382	0.907	67.2	0.984	19.1	0.847	0.578	34.3	1.025
249325.2	843848.7	39.6	14.659	9.236	32.2	17.326	23.2	13.788	0.379	0.905	67.3	0.981	18.9	0.845	0.565	33.8	1.017
249324.6	843848.0	39.6	14.621	9.213	32.2	17.282	23.2	13.753	0.378	0.904	67.3	0.979	19.1	0.851	0.573	33.9	1.025
249323.9	843847.2	39.7	14.588	9.193	32.2	17.243	23.2	13.722	0.378	0.902	67.3	0.978	19.4	0.858	0.583	34.2	1.037
249323.2	843846.5	39.7	14.554	9.173	32.2	17.203	23.2	13.690	0.377	0.900	67.3	0.976	19.6	0.865	0.593	34.4	1.049
249322.5	843845.8	39.7	14.519	9.152	32.2	17.163	23.2	13.658	0.376	0.898	67.3	0.974	19.9	0.873	0.603	34.6	1.061
249321.8	843845.1	39.7	14.484	9.130	32.2	17.121	23.3	13.624	0.376	0.896	67.3	0.972	20.2	0.881	0.613	34.8	1.073
249321.1	843844.4	39.8	14.447	9.108	32.2	17.078	23.3	13.591	0.375	0.894	67.2	0.970	20.4	0.889	0.622	35.0	1.085
249320.4	843843.7	39.8	14.410	9.085	32.2	17.035	23.3	13.556	0.375	0.892	67.2	0.968	20.7	0.897	0.632	35.2	1.097
249319.7	843842.9	39.8	14.372	9.062	32.2	16.990	23.3	13.520	0.374	0.890	67.2	0.966	21.0	0.905	0.641	35.3	1.109
249319.0	843842.2	39.8	14.333	9.038	32.2	16.945	23.3	13.484	0.373	0.888	67.2	0.963	21.2	0.913	0.651	35.5	1.121
249318.3	843841.5	39.9	14.292	9.013	32.2	16.897	23.3	13.446	0.372	0.886	67.2	0.961	21.5	0.921	0.659	35.6	1.132
249317.6	843840.8	39.9	14.246	8.985	32.2	16.843	23.3	13.403	0.371	0.884	67.2	0.958	21.6	0.927	0.664	35.6	1.141
249316.9	843840.1	39.9	14.180	8.945	32.2	16.766	23.4	13.342	0.369	0.881	67.3	0.955	21.5	0.929	0.657	35.3	1.138
249316.2	843839.3	39.9	14.097	8.893	32.2	16.668	23.4	13.264	0.366	0.878	67.4	0.951	21.1	0.928	0.639	34.6	1.126
249315.5	843838.6	39.9	14.014	8.842	32.3	16.570	23.4	13.186	0.363	0.875	67.5	0.947	20.7	0.926	0.621	33.9	1.115
249314.8	843837.9	39.9	13.945	8.800	32.3	16.489	23.4	13.122	0.361	0.872	67.5	0.944	20.6	0.927	0.613	33.4	1.111
249314.1	843837.2	39.9	13.875	8.757	32.3	16.407	23.5	13.056	0.358	0.869	67.6	0.940	20.4	0.929	0.604	33.0	1.108
249313.4	843836.5	39.9	13.805	8.714	32.3	16.325	23.5	12.991	0.356	0.866	67.7	0.937	20.2	0.931	0.595	32.6	1.105
249312.7	843835.8	39.9	13.734	8.671	32.3	16.242	23.5	12.925	0.354	0.864	67.7	0.933	20.0	0.933	0.585	32.1	1.101
249312.0	843835.0	39.9	13.669	8.631	32.3	16.166	23.6	12.865	0.352	0.861	67.8	0.930	19.9	0.936	0.579	31.8	1.101
249311.3	843834.3	39.9	13.618	8.599	32.3	16.106	23.6	12.817	0.350	0.858	67.8	0.927	20.0	0.943	0.582	31.7	1.108
249310.6	843833.6	40.0	13.566	8.567	32.3	16.045	23.6	12.768	0.349	0.855	67.8	0.924	20.0	0.950	0.585	31.6	1.116
249309.9	843832.9	40.0	13.514	8.535	32.3	15.983	23.6	12.719	0.348	0.852	67.8	0.921	20.1	0.957	0.587	31.5	1.122
249309.2	843832.2	40.0	13.461	8.502	32.3	15.921	23.6	12.670	0.346	0.850	67.8	0.917	20.1	0.964	0.588	31.4	1.129
249308.5	843831.4	40.0	13.407	8.469	32.3	15.858	23.7	12.620	0.344	0.847	67.9	0.914	20.1	0.971	0.588	31.2	1.135
249307.8	843830.7	40.0	13.353	8.436	32.3	15.795	23.7	12.569	0.343	0.844	67.9	0.911	20.1	0.978	0.587	31.0	1.141
249307.2	843830.0	40.1	13.299	8.402	32.3	15.730	23.7	12.518	0.341	0.842	68.0	0.908	20.0	0.986	0.585	30.7	1.146
249306.5	843829.3	40.1	13.228	8.358	32.3	15.647	23.7	12.452	0.338	0.839	68.1	0.904	19.7	0.989	0.571	30.0	1.142
249305.8	843828.6	40.1	13.180	8.329	32.3	15.591	23.7	12.407	0.336	0.836	68.1	0.901	19.7	0.999	0.572	29.8	1.151
249305.1	843827.9	40.1	13.114	8.288	32.3	15.514	23.8	12.345	0.333	0.834	68.2	0.898	19.4	1.004	0.559	29.1	1.149

249304.4	843827.1	40.1	13.048	8.247	32.3	15.436	23.8	12.283	0.330	0.831	68.3	0.894	19.0	1.009	0.544	28.3	1.147
249303.7	843826.4	40.1	12.981	8.206	32.3	15.357	23.8	12.221	0.327	0.829	68.5	0.891	18.6	1.015	0.528	27.5	1.144
249303.0	843825.7	40.2	12.914	8.164	32.3	15.278	23.8	12.158	0.323	0.827	68.6	0.887	18.2	1.020	0.510	26.5	1.140
249302.3	843825.0	40.2	12.846	8.122	32.3	15.199	23.9	12.095	0.319	0.824	68.8	0.884	17.7	1.026	0.489	25.5	1.136
249301.6	843824.3	40.1	12.737	8.054	32.3	15.069	23.9	11.992	0.313	0.822	69.1	0.880	16.5	1.021	0.437	23.2	1.111
249300.9	843823.5	40.1	12.606	7.973	32.3	14.916	24.0	11.869	0.306	0.820	69.5	0.875	14.9	1.011	0.368	20.0	1.076
249300.2	843822.8	40.1	12.482	7.896	32.3	14.769	24.0	11.753	0.299	0.817	69.9	0.871	13.3	1.002	0.300	16.7	1.046
249299.5	843822.1	40.3	12.639	7.993	32.3	14.954	23.9	11.900	0.305	0.818	69.5	0.873	16.2	1.061	0.427	21.9	1.144
249298.8	843821.4	40.7	13.012	8.225	32.3	15.394	23.8	12.250	0.325	0.823	68.4	0.885	22.3	1.166	0.695	30.8	1.358
249298.1	843820.7	40.6	12.875	8.140	32.3	15.232	23.8	12.121	0.315	0.821	69.0	0.879	20.4	1.152	0.613	28.0	1.305
249297.4	843820.0	40.4	12.514	7.916	32.3	14.808	24.0	11.784	0.293	0.817	70.3	0.868	14.8	1.087	0.372	18.9	1.149
249296.7	843819.2	40.3	12.270	7.764	32.3	14.520	24.1	11.555	0.280	0.816	71.0	0.862	10.9	1.046	0.203	11.0	1.065
249296.0	843818.5	40.2	12.108	7.664	32.3	14.330	24.2	11.403	0.272	0.815	71.6	0.859	8.1	1.022	0.086	4.8	1.026
249295.3	843817.8	40.0	11.794	7.468	32.3	13.960	24.3	11.109	0.262	0.815	72.2	0.856	2.5	0.960	-0.150	-8.9	0.972
249294.6	843817.1	40.0	11.719	7.421	32.3	13.872	24.3	11.039	0.258	0.817	72.5	0.857	0.9	0.952	-0.215	-12.8	0.976
249293.9	843816.4	40.3	11.960	7.571	32.3	14.155	24.2	11.264	0.259	0.821	72.5	0.861	4.5	1.013	-0.049	-2.8	1.014
249293.2	843815.6	40.3	11.900	7.534	32.3	14.085	24.2	11.208	0.255	0.823	72.8	0.862	2.9	1.000	-0.111	-6.4	1.006
249292.5	843814.9	40.3	11.843	7.498	32.3	14.017	24.2	11.154	0.253	0.827	73.0	0.865	1.4	0.983	-0.177	-10.2	0.999
249291.8	843814.2	40.4	11.804	7.473	32.3	13.971	24.3	11.118	0.251	0.831	73.2	0.868	1.3	0.965	-0.234	-13.6	0.993
249291.1	843813.5	40.5	11.869	7.514	32.3	14.047	24.2	11.179	0.251	0.836	73.3	0.873	1.8	0.964	-0.218	-12.7	0.989
249290.4	843812.8	40.7	11.977	7.581	32.3	14.175	24.2	11.280	0.252	0.841	73.3	0.878	2.3	0.966	-0.175	-10.3	0.982
249289.8	843812.1	40.9	12.085	7.648	32.3	14.302	24.1	11.381	0.254	0.847	73.3	0.884	2.9	0.960	-0.137	-8.1	0.970
249289.1	843811.3	40.9	12.047	7.624	32.3	14.257	24.1	11.345	0.256	0.853	73.3	0.890	4.0	0.916	-0.213	-13.1	0.940
249288.4	843810.6	40.9	11.976	7.580	32.3	14.173	24.1	11.279	0.260	0.859	73.1	0.898	6.6	0.857	-0.317	-20.3	0.914
249287.7	843809.9	41.0	12.008	7.600	32.3	14.211	24.1	11.309	0.266	0.866	72.9	0.906	8.2	0.812	-0.350	-23.3	0.884
249287.0	843809.2	41.4	12.309	7.787	32.3	14.565	24.0	11.590	0.270	0.873	72.8	0.914	6.8	0.816	-0.189	-13.0	0.837
249286.3	843808.5	41.7	12.561	7.943	32.3	14.862	23.9	11.827	0.276	0.880	72.6	0.922	6.6	0.800	-0.071	-5.1	0.803
249285.6	843807.8	41.9	12.703	8.031	32.3	15.029	23.8	11.959	0.284	0.888	72.3	0.932	7.3	0.754	-0.039	-3.0	0.755
249284.9	843807.0	42.1	12.850	8.122	32.3	15.202	23.7	12.097	0.292	0.895	71.9	0.942	8.1	0.701	-0.009	-0.7	0.701
249284.2	843806.3	42.4	13.117	8.287	32.3	15.515	23.6	12.347	0.301	0.903	71.5	0.951	8.2	0.666	0.098	8.4	0.673
249283.5	843805.6	42.8	13.423	8.477	32.3	15.875	23.4	12.633	0.311	0.910	71.1	0.962	8.3	0.633	0.224	19.5	0.672
249282.8	843804.9	43.1	13.788	8.702	32.3	16.304	23.3	12.975	0.322	0.918	70.7	0.973	8.8	0.607	0.379	32.0	0.716
249282.1	843804.2	43.5	14.192	8.952	32.2	16.780	23.1	13.353	0.335	0.927	70.1	0.985	9.7	0.585	0.547	43.1	0.801
249281.4	843803.4	43.9	14.629	9.222	32.2	17.293	22.9	13.761	0.349	0.936	69.5	0.999	11.1	0.565	0.722	51.9	0.917
249280.7	843802.7	44.2	14.877	9.375	32.2	17.585	22.7	13.994	0.359	0.944	69.2	1.010	10.8	0.503	0.770	56.9	0.920
249280.0	843802.0	44.4	15.058	9.486	32.2	17.797	22.6	14.163	0.367	0.952	68.9	1.020	9.8	0.423	0.769	61.2	0.878
249279.3	843801.3	44.6	15.188	9.566	32.2	17.949	22.6	14.283	0.375	0.960	68.6	1.031	8.5	0.331	0.728	65.6	0.800
249278.6	843800.6	44.9	15.503	9.760	32.2	18.319	22.4	14.578	0.386	0.970	68.3	1.044	8.0	0.278	0.787	70.6	0.835
249277.9	843799.9	45.2	15.888	9.996	32.2	18.771	22.2	14.937	0.396	0.981	68.0	1.057	7.7	0.240	0.873	74.6	0.906
249277.2	843799.1	45.6	16.336	10.272	32.2	19.297	22.0	15.356	0.406	0.993	67.8	1.073	7.8	0.218	0.981	77.5	1.005
249276.5	843798.4	46.1	16.947	10.646	32.1	20.014	21.7	15.926	0.419	1.007	67.4	1.091	9.5	0.232	1.160	78.7	1.183
249275.8	843797.7	46.5	17.473	10.968	32.1	20.630	21.5	16.416	0.430	1.022	67.2	1.109	10.6	0.230	1.275	79.8	1.296
249275.1	843797.0	46.8	17.920	11.241	32.1	21.154	21.3	16.834	0.438	1.038	67.1	1.126	10.7	0.213	1.334	80.9	1.351
249274.4	843796.3	47.3	18.597	11.654	32.1	21.947	21.0	17.465	0.453	1.056	66.8	1.149	13.5	0.246	1.493	80.6	1.514
249273.7	843795.5	47.6	19.116	11.970	32.1	22.555	20.7	17.948	0.462	1.074	66.7	1.169	14.2	0.249	1.558	80.9	1.578
249273.0	843794.8	48.0	19.605	12.268	32.0	23.127	20.5	18.404	0.469	1.092	66.8	1.189	14.5	0.248	1.594	81.1	1.613
249272.4	843794.1	48.4	20.338	12.714	32.0	23.985	20.1	19.087	0.485	1.114	66.5	1.215	17.4	0.299	1.733	80.2	1.758
249271.7	843793.4	48.8	20.853	13.026	32.0	24.587	19.9	19.566	0.492	1.134	66.6	1.236	17.7	0.309	1.755	80.0	1.782
249271.0	843792.7	49.0	21.196	13.234	32.0	24.988	19.7	19.885	0.490	1.151	66.9	1.251	15.9	0.290	1.689	80.3	1.713
249270.3	843792.0	49.5	22.031	13.740	32.0	25.964	19.3	20.662	0.509	1.176	66.6	1.281	19.6	0.366	1.834	78.7	1.870
249269.6	843791.2	49.8	22.664	14.123	31.9	26.704	19.0	21.250	0.519	1.198	66.6	1.306	20.9	0.406	1.877	77.8	1.921
249268.9	843790.5	50.2	23.318	14.518	31.9	27.468	18.7	21.858	0.530	1.220	66.5	1.331	22.2	0.452	1.920	76.8	1.972
249268.2	843789.8	50.5	23.959	14.905	31.9	28.217	18.4	22.454	0.540	1.243	66.5	1.355	23.4	0.497	1.948	75.7	2.010
249267.5	843789.1	50.7	24.139	15.013	31.9	28.426	18.4	22.621	0.524	1.259	67.4	1.363	19.6	0.467	1.774	75.3	1.834
249266.8	843788.4	51.0	24.738	15.374	31.9	29.127	18.1	23.178	0.530	1.280	67.5	1.385	20.3	0.510	1.773	73.9	1.845
249266.1	843787.6	51.5	25.610	15.899	31.8	30.144	17.7	23.988	0.551	1.305	67.1	1.416	23.6	0.599	1.879	72.3	1.972
249265.4	843786.9	51.9	26.553	16.465	31.8	31.243	17.3	24.863	0.580	1.330	66.5	1.451	27.5	0.697	2.006	70.8	2.123
249264.7	843786.2	52.2	27.096	16.791	31.8	31.877	17.0	25.367	0.583	1.350	66.7	1.470	27.5	0.734	1.968	69.6	2.100
249264.0	843785.5	52.5	27.629	17.110	31.8	32.498	16.8	25.861	0.585	1.368	66.9	1.488	27.4	0.770	1.925	68.2	2.073
249263.3	843784.8	52.8	28.355	17.545	31.7	33.345	16.4	26.535	0.601	1.389	66.6	1.513	29.1	0.835	1.957	66.9	2.128
249262.6	843784.1	53.2	29.291	18.105	31.7	34.434	16.0	27.402	0.635	1.412	65.8	1.548	32.9	0.928	2.069	65.8	2.268
249261.9	843783.3	53.5	30.009	18.535	31.7	35.271	15.7	28.068	0.653	1.430	65.5	1.572	34.6	0.990	2.098	64.7	2.319
249261.2	843782.6	53.8	30.453	18.800	31.7	35.789	15.5	28.480	0.650	1.444	65.8	1.583	33.9	1.016	2.026	63.4	2.266
249260.5	843781.9	54.1	31.413	19.373	31.7	36.906	15.1	29.369	0.691	1.464	64.7	1.619	37.9	1.106	2.149	62.8	2.417
249259.8	843781.2	54.4	31.995	19.721	31.6	37.584	14.8	29.909	0.702	1.478	64.6	1.636	38.7	1.149	2.136	61.7	2.426
249259.1	843780.5	54.7	32.544	20.048	31.6	38.224	14.6	30.418	0.711	1.490	64.5	1.651	39.3	1.187	2.117	60.7	2.427
249258.4	843779.7	54.9	33.025	20.335	31.6	38.783	14.4	30.863	0.714	1.501	64.6	1.662	39.3	1.217	2.078	59.6	2.408
249257.7	843779.0	55.0	32.974	20.305	31.6	38.725	14.4	30.816	0.671	1.503	65.9	1.646	34.9	1.186	1.854	57.4	2.201
249257.0	843778.3	55.1	32.837	20.224	31.6	38.565	14.4	30.689	0.624	1.504	67.5	1.629	29.7	1.147	1.604	54.4	1.972
249256.3	843777.6	55.2	32.727	20.158	31.6	38.437	14.5	30.587	0.583	1.507	68.9	1.615	24.7	1.112	1.369	50.9	1.764
249255.6	843776.9	55.3	32.694	20.139	31.6	38.400	14.5	30.557	0.551	1.510	69.9	1.607	20.6	1.087	1.169	47.1	1.596
249255.0	843776.2	55.5	33.053	20.353	31.6	38.817	14.3	30.889	0.548	1.517	70.1	1.613	20.2	1.108	1.120	45.3	1.576
249254.3	843775.4	55.8	33.888	20.851	31.6	39.789	14.0	31.663	0.580	1.527	69.2	1.634	24.4	1.184	1.254	46.6	1.725
249253.6	843774.7	56.3	35.296	21.689	31.6	41.427	13.3	32.967	0.666	1.545	66.7	1.682	33.7	1.319	1.592	50.4	2.067
249252.9	843774.0	56.6	36.046	22.136	31.6	42.301	13.0	33.662	0.702	1.555	65.7	1.706	37.2	1.380	1.695	50.8	2.186
249252.2	843773.3	56.8	36.381	22.336	31.5	42.690	12.9	33.972	0.701	1.560	65.8	1.711	37.1	1.399	1.659	49.9	2.170
249251.5	843772.6	57.0	36.767	22.566	31.5	43.140	12.7	34.330	0.707	1.566	65.7	1.718	37.6	1.422	1.648	49.2	2.177
249250.8	843771.8	57.2	37.079	22.752	31.5	43.502	12.5	34.618	0.707	1.570	65.8	1.722	37.6	1.439	1.617	48.3	2.164
249250.1	843771.1	57.5	37.871	23.223	31.5	44.424	12.2	35.351	0.756	1.580	64.4	1.752	41.9	1.501	1.754	49.5	2.309
249249.4	843770.4	57.5	37.660	23.098	31.5	44.179	12.3	35.157	0.708	1.577	65.8	1.728	37.8	1.467	1.561	46.8	2.142
249248.7	843769.7	57.6	37.564	23.042	31.5	44.068	12.3	35.068	0.675	1.575	66.8	1.714	34.7	1.444	1.413	44.4	2.020
249248.0	843769.0	57.8	37.923	23.256	31.5	44.486	12.2	35.401	0.686	1.579	66.5	1.722	35.8	1.464	1.426	44.3	2.044
249247.3	843768.3	58.0	38.006	23.305	31.5	44.582	12.1	35.477	0.674	1.579	66.9	1.717	34.7	1.458	1.353	42.9	1.988
249246.6	843767.5	58.1	38.197	23.419	31.5	44.805	12.0	35.654	0.673	1.581	66.9	1.718	34.6	1.461	1.323	42.2	1.971
249245.9	843766.8	58.3	38.345	23.508	31.5	44.978	12.0	35.792	0.671	1.582	67.0	1.718	34.4	1.461	1.287	41.4	1.947
249245.2	843766.1	58.5	38.491	23.595	31.5	45.148	11.9	35.928	0.670	1.583	67.1	1.719	34.4	1.461	1.256	40.7	1.927
249244.5	843765.4	58.6	38.762	23.757	31.5	45.463	11.8	36.178	0.683	1.586	66.7	1.727	35.7	1.473	1.276	40.9	1.948

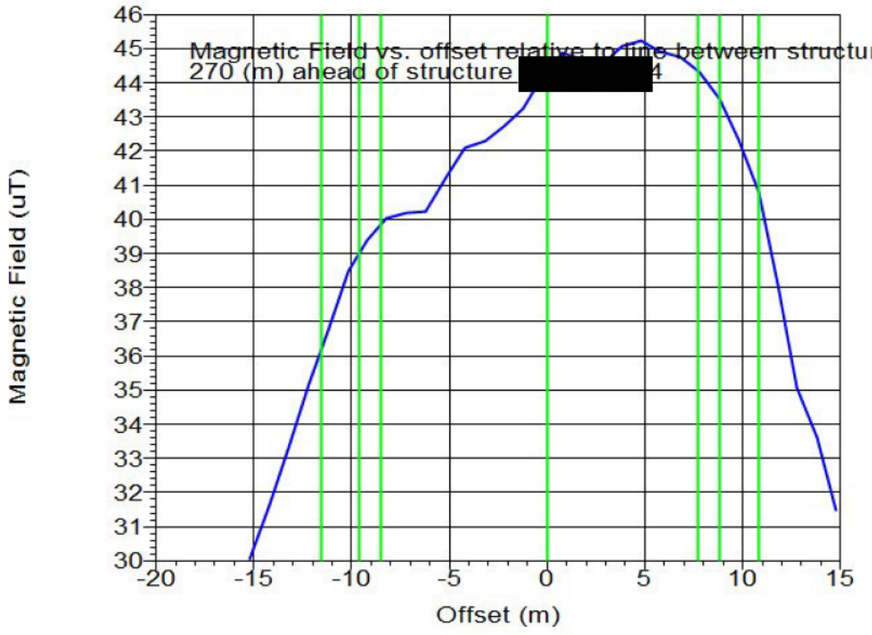
249243.8	843764.7	58.8	39.068	23.939	31.5	45.819	11.6	36.461	0.702	1.589	66.1	1.737	37.5	1.488	1.314	41.5	1.985
249243.1	843764.0	59.0	39.092	23.954	31.5	45.847	11.6	36.484	0.696	1.588	66.3	1.734	37.0	1.478	1.266	40.6	1.946
249242.4	843763.2	59.1	38.877	23.827	31.5	45.598	11.7	36.286	0.668	1.586	67.1	1.721	34.5	1.448	1.144	38.3	1.846
249241.7	843762.5	59.1	38.682	23.711	31.5	45.371	11.8	36.105	0.645	1.583	67.8	1.710	32.4	1.421	1.036	36.1	1.758
249241.0	843761.8	59.3	38.649	23.692	31.5	45.333	11.8	36.075	0.639	1.583	68.0	1.707	32.0	1.409	0.991	35.1	1.722
249240.3	843761.1	59.4	38.667	23.703	31.5	45.354	11.8	36.092	0.641	1.583	68.0	1.708	32.2	1.403	0.971	34.7	1.706
249239.6	843760.4	59.5	38.495	23.601	31.5	45.154	11.9	35.933	0.626	1.581	68.4	1.701	31.0	1.380	0.895	33.0	1.645
249238.9	843759.6	59.5	38.211	23.432	31.5	44.824	12.0	35.670	0.603	1.579	69.1	1.690	28.9	1.348	0.787	30.3	1.561
249238.2	843758.9	59.7	38.147	23.394	31.5	44.749	12.0	35.610	0.603	1.578	69.1	1.689	29.0	1.335	0.766	29.9	1.539
249237.6	843758.2	59.9	38.413	23.553	31.5	45.059	11.9	35.857	0.636	1.579	68.0	1.702	32.3	1.351	0.872	32.8	1.608
249236.9	843757.5	60.1	38.768	23.765	31.5	45.472	11.7	36.186	0.682	1.581	66.7	1.722	36.6	1.373	1.018	36.6	1.710
249236.2	843756.8	60.2	38.775	23.769	31.5	45.480	11.7	36.192	0.697	1.580	66.2	1.726	37.9	1.362	1.055	37.8	1.723
249235.5	843756.1	60.3	38.779	23.772	31.5	45.485	11.7	36.196	0.713	1.578	65.7	1.731	39.5	1.349	1.103	39.3	1.742
249234.8	843755.3	60.4	38.528	23.622	31.5	45.193	11.8	35.963	0.706	1.572	65.8	1.724	39.0	1.309	1.073	39.3	1.693
249234.1	843754.6	60.5	38.214	23.436	31.5	44.828	12.0	35.673	0.695	1.566	66.1	1.713	38.1	1.261	1.033	39.3	1.630
249233.4	843753.9	60.5	37.844	23.215	31.5	44.397	12.1	35.330	0.680	1.558	66.4	1.700	36.9	1.202	0.985	39.3	1.554
249232.7	843753.2	60.6	37.693	23.126	31.5	44.222	12.2	35.191	0.690	1.552	66.0	1.699	37.8	1.159	1.027	41.5	1.549
249232.0	843752.5	60.8	37.687	23.122	31.5	44.215	12.2	35.185	0.715	1.547	65.2	1.705	40.2	1.124	1.133	45.2	1.596
249231.3	843751.7	60.9	37.496	23.008	31.5	43.992	12.3	35.008	0.724	1.540	64.8	1.702	41.0	1.067	1.184	48.0	1.594
249230.6	843751.0	60.9	37.174	22.816	31.5	43.618	12.4	34.710	0.722	1.530	64.8	1.692	40.9	0.993	1.199	50.4	1.557
249229.9	843750.3	61.0	36.824	22.608	31.5	43.210	12.6	34.386	0.718	1.520	64.7	1.681	40.6	0.912	1.215	53.1	1.519
249229.2	843749.6	61.0	36.212	22.242	31.6	42.498	12.8	33.818	0.690	1.507	65.4	1.657	38.0	0.800	1.144	55.0	1.396
249228.5	843748.9	61.0	35.722	21.949	31.6	41.926	13.0	33.364	0.675	1.495	65.7	1.640	36.6	0.694	1.125	58.3	1.322
249227.8	843748.2	61.0	35.278	21.684	31.6	41.409	13.2	32.952	0.667	1.482	65.8	1.625	35.7	0.589	1.131	62.5	1.275
249227.1	843747.4	61.1	34.878	21.445	31.6	40.944	13.4	32.582	0.663	1.470	65.7	1.612	35.2	0.484	1.161	67.4	1.258
249226.4	843746.7	61.1	34.487	21.212	31.6	40.489	13.6	32.220	0.661	1.457	65.6	1.600	34.9	0.376	1.202	72.6	1.259
249225.7	843746.0	61.2	34.382	21.149	31.6	40.366	13.6	32.122	0.684	1.447	64.7	1.601	37.3	0.298	1.356	77.6	1.388
249225.0	843745.3	61.4	34.380	21.147	31.6	40.363	13.6	32.120	0.717	1.439	63.5	1.608	40.7	0.231	1.553	81.5	1.570
249224.3	843744.6	61.4	34.101	20.980	31.6	40.038	13.7	31.861	0.726	1.427	63.0	1.601	41.6	0.134	1.650	85.4	1.656
249223.6	843743.8	61.5	33.597	20.679	31.6	39.451	13.9	31.394	0.714	1.412	63.2	1.582	40.4	0.009	1.667	89.7	1.667
249222.9	843743.1	61.5	33.109	20.386	31.6	38.882	14.1	30.941	0.704	1.397	63.3	1.564	39.4	-0.114	1.690	-86.2	1.694
249222.2	843742.4	61.5	32.704	20.143	31.6	38.410	14.3	30.565	0.701	1.383	63.1	1.551	39.1	-0.226	1.746	-82.6	1.761
249221.5	843741.7	61.6	32.477	20.007	31.6	38.146	14.4	30.355	0.714	1.372	62.5	1.546	40.5	-0.314	1.870	-80.5	1.897
249220.8	843741.0	61.7	32.247	19.869	31.6	37.877	14.5	30.141	0.725	1.360	61.9	1.542	42.0	-0.399	1.992	-78.7	2.032
249220.1	843740.3	61.8	32.151	19.811	31.6	37.765	14.5	30.052	0.748	1.351	61.0	1.544	44.7	-0.463	2.163	-77.9	2.212
249219.5	843739.5	61.8	31.666	19.520	31.7	37.199	14.8	29.602	0.736	1.336	61.1	1.526	43.6	-0.576	2.184	-75.2	2.259
249218.8	843738.8	61.7	30.905	19.063	31.7	36.311	15.1	28.895	0.702	1.317	61.9	1.492	39.7	-0.726	2.096	-70.9	2.218
249218.1	843738.1	61.7	30.283	18.701	31.7	35.592	15.4	28.323	0.680	1.302	62.4	1.469	36.8	-0.831	1.965	-67.1	2.134
249217.4	843737.4	61.7	29.876	18.456	31.7	35.117	15.5	27.945	0.674	1.289	62.4	1.454	36.2	-0.926	1.999	-65.2	2.203
249216.7	843736.7	61.7	29.233	18.070	31.7	34.367	15.8	27.349	0.650	1.272	62.9	1.429	33.1	-1.054	1.933	-61.4	2.201
249216.0	843735.9	61.6	28.407	17.572	31.7	33.403	16.2	26.581	0.616	1.253	63.8	1.396	27.8	-1.210	1.782	-55.8	2.154
249215.3	843735.2	61.5	27.758	17.181	31.8	32.646	16.5	25.979	0.595	1.238	64.3	1.373	24.1	-1.337	1.691	-51.7	2.156
249214.6	843734.5	61.5	27.271	16.887	31.8	32.076	16.7	25.525	0.583	1.226	64.6	1.357	22.0	-1.437	1.655	-49.0	2.191
249213.9	843733.8	61.6	26.930	16.681	31.8	31.677	16.8	25.208	0.578	1.216	64.6	1.347	21.3	-1.509	1.668	-47.9	2.249
249213.2	843733.1	61.6	26.626	16.498	31.8	31.323	17.0	24.926	0.574	1.208	64.6	1.338	20.9	-1.573	1.685	-47.0	2.305
249212.5	843732.4	61.6	26.204	16.242	31.8	30.830	17.1	24.533	0.564	1.200	64.8	1.326	18.8	-1.657	1.640	-44.7	2.332
249211.8	843731.6	61.6	25.717	15.948	31.8	30.260	17.3	24.081	0.552	1.191	65.2	1.313	15.9	-1.753	1.553	-41.5	2.342
249211.1	843730.9	61.6	25.239	15.659	31.8	29.702	17.6	23.636	0.541	1.184	65.5	1.302	12.7	-1.849	1.455	-38.2	2.353
249210.4	843730.2	61.6	24.925	15.468	31.8	29.335	17.7	23.344	0.535	1.181	65.6	1.296	11.2	-1.917	1.414	-36.4	2.382
249209.7	843729.5	61.7	24.702	15.333	31.8	29.073	17.8	23.136	0.532	1.179	65.7	1.294	10.5	-1.970	1.398	-35.4	2.416
249209.0	843728.8	61.8	24.495	15.207	31.8	28.832	17.9	22.943	0.529	1.179	65.8	1.292	9.6	-2.023	1.376	-34.2	2.446
249208.3	843728.0	61.9	24.457	15.183	31.8	28.787	17.9	22.908	0.529	1.182	65.9	1.295	10.2	-2.047	1.416	-34.7	2.489
249207.6	843727.3	62.1	24.507	15.213	31.8	28.845	17.9	22.954	0.531	1.186	65.9	1.300	11.3	-2.059	1.481	-35.7	2.537
249206.9	843726.6	62.3	24.555	15.241	31.8	28.901	17.8	22.998	0.533	1.192	65.9	1.306	12.1	-2.077	1.534	-36.4	2.582
249206.2	843725.9	62.5	24.601	15.268	31.8	28.954	17.8	23.041	0.535	1.199	65.9	1.313	12.6	-2.100	1.573	-36.8	2.624
249205.5	843725.2	62.7	24.682	15.316	31.8	29.048	17.8	23.115	0.538	1.206	66.0	1.321	13.2	-2.122	1.617	-37.3	2.668
249204.8	843724.5	62.8	24.682	15.315	31.8	29.047	17.8	23.115	0.539	1.213	66.1	1.328	12.7	-2.165	1.615	-36.7	2.701
249204.1	843723.7	63.1	25.059	15.542	31.8	29.487	17.6	23.465	0.552	1.225	65.7	1.344	15.9	-2.145	1.770	-39.5	2.781
249203.4	843723.0	63.4	25.362	15.724	31.8	29.841	17.5	23.747	0.564	1.236	65.5	1.359	18.2	-2.145	1.885	-41.3	2.855
249202.7	843722.3	63.6	25.494	15.803	31.8	29.995	17.4	23.869	0.570	1.246	65.4	1.370	18.6	-2.181	1.918	-41.3	2.904
249202.1	843721.6	63.8	25.553	15.838	31.8	30.064	17.4	23.924	0.572	1.254	65.5	1.378	18.1	-2.235	1.916	-40.6	2.944
249201.4	843720.9	64.0	25.750	15.956	31.8	30.293	17.3	24.106	0.580	1.264	65.3	1.391	18.9	-2.269	1.969	-41.0	3.005
249200.7	843720.1	64.4	26.176	16.212	31.8	30.790	17.1	24.502	0.600	1.276	64.8	1.410	22.0	-2.267	2.119	-43.1	3.103
249200.0	843719.4	64.7	26.608	16.472	31.8	31.294	16.9	24.903	0.623	1.288	64.2	1.430	25.2	-2.266	2.268	-45.0	3.206
249199.3	843718.7	65.0	27.050	16.738	31.7	31.810	16.7	25.314	0.647	1.299	63.5	1.452	28.4	-2.266	2.420	-46.9	3.315
249198.6	843718.0	65.3	27.474	16.993	31.7	32.305	16.5	25.707	0.672	1.310	62.8	1.473	31.5	-2.269	2.565	-48.5	3.425
249197.9	843717.3	65.5	27.682	17.117	31.7	32.547	16.4	25.900	0.684	1.318	62.6	1.485	32.5	-2.310	2.624	-48.6	3.496
249197.2	843716.6	65.8	27.883	17.237	31.7	32.780	16.3	26.086	0.696	1.324	62.3	1.496	33.5	-2.350	2.684	-48.8	3.567
249196.5	843715.8	66.0	28.082	17.356	31.7	33.012	16.2	26.270	0.708	1.330	62.0	1.507	34.6	-2.387	2.748	-49.0	3.640
249195.8	843715.1	66.2	28.280	17.474	31.7	33.243	16.1	26.454	0.721	1.335	61.6	1.517	35.9	-2.420	2.818	-49.3	3.714
249195.1	843714.4	66.5	28.534	17.626	31.7	33.539	16.0	26.690	0.738	1.340	61.1	1.530	37.9	-2.438	2.916	-50.1	3.801
249194.4	843713.7	66.7	28.768	17.766	31.7	33.811	15.9	26.906	0.755	1.344	60.7	1.542	39.9	-2.454	3.014	-50.9	3.887
249193.7	843713.0	67.0	29.010	17.911	31.7	34.094	15.8	27.131	0.775	1.347	60.1	1.554	42.2	-2.460	3.123	-51.8	3.976
249193.0	843712.3	67.2	29.307	18.089	31.7	34.440	15.7	27.407	0.800	1.350	59.4	1.570	45.3	-2.450	3.262	-53.1	4.079
249192.3	843711.5	67.4	29.377	18.130	31.7	34.521	15.6	27.471	0.809	1.349	59.1	1.573	46.4	-2.471	3.320	-53.3	4.139
249191.6	843710.8	67.6	29.451	18.173	31.7	34.607	15.6	27.539	0.819	1.347	58.7	1.576	47.8	-2.484	3.390	-53.8	4.202
249190.9	843710.1	67.9	29.853	18.414	31.7	35.075	15.4	27.912	0.858	1.351	57.6	1.600	52.5	-2.429	3.594	-55.9	4.338
249190.2	843709.4	68.2	30.085	18.552	31.7	35.346	15.3	28.127	0.885	1.350	56.8	1.614	55.9	-2.397	3.740	-57.3	4.442
249189.5	843708.7	68.3	30.064	18.539	31.7	35.321	15.3	28.107	0.892	1.345	56.5	1.613	57.1	-2.401	3.800	-57.7	4.494
249188.8	843707.9	68.5	29.974	18.484	31.7	35.215	15.4	28.023	0.894	1.337	56.2	1.608	57.9	-2.409	3.842	-57.9	4.535
249188.1	843707.2	68.5	29.375	18.123	31.7	34.516	15.6	27.467	0.855	1.318	57.0	1.571	54.1	-2.501	3.702	-56.0	4.468
249187.4	843706.5	68.6	29.018	17.906	31.7	34.098	15.8	27.134	0.838	1.303	57.2	1.549	52.7	-2.544	3.659	-55.2	4.456
249186.7	843705.8	68.7	28.863	17.812	31.7	33.917	15.8	26.990	0.839	1.292	57.0	1.541	53.5	-2.543	3.699	-55.5	4.489
249186.0	843705.1	68.8	28.635	17.674	31.7	33.651	15.9	26.778	0.835	1.280	56.9	1.528	53.7	-2.548	3.718	-55.6	4.507
249185.3	843704.4	68.9	28.416	17.541	31.7	33.394	16.0	26.574	0.832	1.267	56.7	1.516	54.1	-2.546	3.744	-55.8	4.528
249184.7	843703.6	69.0	28.110	17.356	31.7	33.037	16.2	26.290	0.823	1.253	56.7	1.499	53.8	-2.556	3.741	-55.7	4.531
249184.0	843702.9	69.0	27.565	17.027	31.7	32.400	16.4	25.783	0.795	1.233	57.2	1.467	51.2	-2.607	3.648	-54.5	4.484

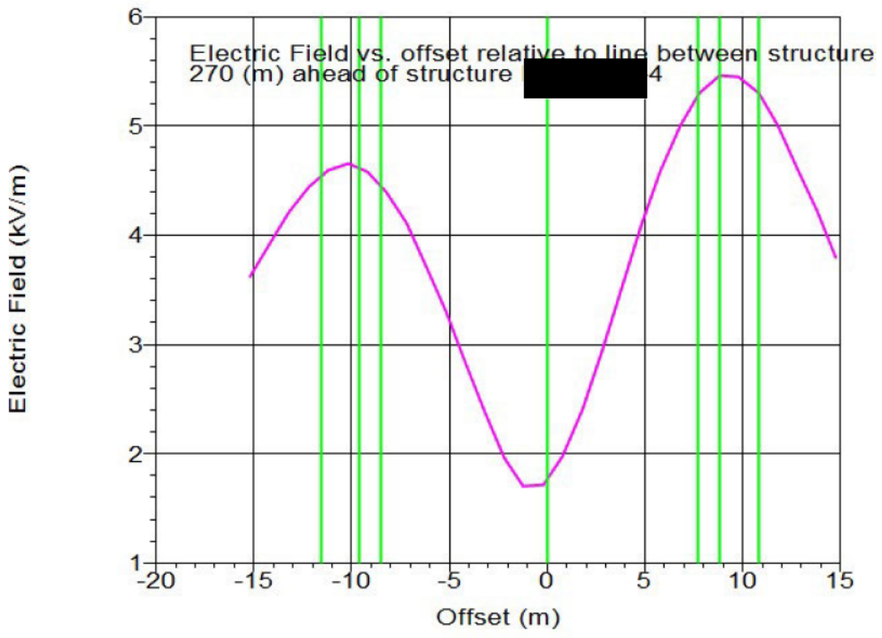
249183.3	843702.2	69.0	27.080	16.734	31.7	31.833	16.6	25.332	0.773	1.215	57.5	1.440	49.2	-2.643	3.580	-53.6	4.450
249182.6	843701.5	69.1	26.643	16.469	31.7	31.323	16.8	24.926	0.756	1.198	57.7	1.416	47.7	-2.667	3.529	-52.9	4.424
249181.9	843700.8	69.1	26.159	16.176	31.7	30.757	17.0	24.475	0.735	1.180	58.1	1.390	45.6	-2.698	3.459	-52.0	4.387
249181.2	843700.0	69.0	25.468	15.758	31.7	29.949	17.3	23.832	0.701	1.158	58.8	1.354	41.3	-2.771	3.302	-50.0	4.311
249180.5	843699.3	68.9	24.654	15.265	31.8	28.997	17.7	23.075	0.661	1.135	59.8	1.313	35.6	-2.872	3.087	-47.1	4.216
249179.8	843698.6	68.8	24.018	14.879	31.8	28.254	17.9	22.484	0.635	1.116	60.3	1.284	31.6	-2.935	2.939	-45.0	4.154
249179.1	843697.9	68.9	23.555	14.598	31.8	27.711	18.1	22.052	0.621	1.101	60.6	1.264	29.6	-2.960	2.858	-44.0	4.115
249178.4	843697.2	68.8	23.039	14.284	31.8	27.108	18.4	21.572	0.605	1.085	60.9	1.242	26.8	-2.998	2.747	-42.5	4.066
249177.7	843696.5	68.9	22.697	14.076	31.8	26.707	18.5	21.253	0.597	1.074	60.9	1.228	25.9	-2.994	2.707	-42.1	4.036
249177.0	843695.7	69.0	22.430	13.913	31.8	26.395	18.6	21.004	0.593	1.064	60.9	1.218	25.8	-2.971	2.694	-42.2	4.011
249176.3	843695.0	69.0	22.164	13.751	31.8	26.084	18.7	20.757	0.588	1.055	60.9	1.208	25.7	-2.948	2.674	-42.2	3.980
249175.6	843694.3	69.1	21.797	13.527	31.8	25.653	18.9	20.414	0.580	1.046	61.0	1.196	24.3	-2.948	2.601	-41.4	3.931
249174.9	843693.6	69.1	21.434	13.306	31.8	25.228	19.1	20.076	0.571	1.037	61.2	1.184	22.9	-2.947	2.521	-40.5	3.878
249174.2	843692.9	69.1	21.120	13.114	31.8	24.860	19.2	19.783	0.564	1.030	61.3	1.174	22.0	-2.934	2.456	-39.9	3.826
249173.5	843692.1	69.2	20.721	12.871	31.8	24.393	19.4	19.411	0.555	1.022	61.5	1.163	20.1	-2.941	2.341	-38.5	3.760
249172.8	843691.4	69.2	20.482	12.724	31.9	24.113	19.5	19.188	0.551	1.018	61.6	1.157	19.9	-2.907	2.294	-38.3	3.704
249172.1	843690.7	69.4	20.360	12.649	31.9	23.969	19.5	19.074	0.549	1.015	61.6	1.154	20.7	-2.841	2.296	-38.9	3.653
249171.4	843690.0	69.5	20.313	12.620	31.9	23.914	19.5	19.030	0.550	1.015	61.5	1.154	22.2	-2.754	2.327	-40.2	3.605
249170.7	843689.3	69.7	20.268	12.591	31.8	23.861	19.6	18.988	0.551	1.015	61.5	1.155	23.6	-2.665	2.352	-41.4	3.555
249170.0	843688.6	69.8	19.949	12.396	31.9	23.487	19.7	18.690	0.542	1.011	61.8	1.147	22.2	-2.645	2.239	-40.2	3.466
249169.3	843687.8	69.8	19.655	12.216	31.9	23.142	19.8	18.416	0.533	1.008	62.1	1.141	20.9	-2.618	2.131	-39.1	3.376
249168.6	843687.1	70.0	19.634	12.202	31.9	23.117	19.8	18.396	0.533	1.010	62.2	1.142	22.3	-2.518	2.151	-40.5	3.311
249167.9	843686.4	70.2	19.611	12.187	31.9	23.089	19.8	18.374	0.533	1.011	62.2	1.143	23.6	-2.416	2.166	-41.9	3.245
249167.3	843685.7	70.3	19.567	12.159	31.9	23.037	19.9	18.332	0.532	1.013	62.3	1.144	24.7	-2.319	2.166	-43.0	3.173
249166.6	843685.0	70.6	19.658	12.214	31.9	23.143	19.8	18.417	0.537	1.016	62.2	1.149	27.1	-2.186	2.229	-45.6	3.122
249165.9	843684.2	70.9	19.815	12.309	31.8	23.327	19.7	18.563	0.546	1.021	61.9	1.158	30.2	-2.036	2.322	-48.8	3.088
249165.2	843683.5	71.1	19.973	12.404	31.8	23.511	19.7	18.710	0.557	1.026	61.5	1.168	33.4	-1.887	2.412	-52.0	3.062
249164.5	843682.8	71.3	19.910	12.364	31.8	23.436	19.7	18.650	0.556	1.028	61.6	1.168	34.1	-1.792	2.392	-53.2	2.989
249163.8	843682.1	71.4	19.636	12.196	31.8	23.115	19.8	18.394	0.542	1.026	62.1	1.160	32.3	-1.746	2.268	-52.4	2.862
249163.1	843681.4	71.4	19.256	11.964	31.9	22.670	20.0	18.040	0.522	1.022	62.9	1.148	29.3	-1.726	2.087	-50.4	2.708
249162.4	843680.7	71.5	19.022	11.821	31.9	22.396	20.1	17.822	0.511	1.021	63.4	1.141	28.0	-1.669	1.976	-49.8	2.587
249161.7	843679.9	71.6	18.927	11.762	31.9	22.284	20.1	17.733	0.506	1.022	63.6	1.140	28.1	-1.578	1.936	-50.8	2.497
249161.0	843679.2	71.8	18.792	11.679	31.9	22.126	20.2	17.607	0.499	1.021	64.0	1.137	27.8	-1.497	1.875	-51.4	2.399
249160.3	843678.5	71.9	18.759	11.658	31.9	22.086	20.2	17.575	0.498	1.022	64.0	1.137	28.6	-1.391	1.868	-53.3	2.329
249159.6	843677.8	72.1	18.724	11.636	31.9	22.045	20.2	17.543	0.497	1.023	64.1	1.137	29.4	-1.286	1.862	-55.4	2.263
249158.9	843677.1	72.3	18.690	11.614	31.9	22.005	20.2	17.511	0.496	1.023	64.1	1.137	30.2	-1.182	1.859	-57.5	2.203
249158.2	843676.3	72.5	18.655	11.592	31.9	21.963	20.2	17.478	0.495	1.023	64.2	1.137	31.0	-1.080	1.857	-59.8	2.149
249157.5	843675.6	72.7	18.619	11.569	31.9	21.920	20.2	17.443	0.495	1.022	64.2	1.136	31.8	-0.979	1.859	-62.2	2.101
249156.8	843674.9	73.0	18.870	11.721	31.8	22.214	20.1	17.677	0.516	1.025	63.3	1.148	36.1	-0.818	2.016	-67.9	2.175
249156.1	843674.2	73.2	18.874	11.722	31.8	22.218	20.1	17.680	0.520	1.025	63.1	1.149	37.5	-0.714	2.046	-70.8	2.167
249155.4	843673.5	73.5	18.861	11.714	31.8	22.203	20.1	17.668	0.524	1.023	62.9	1.150	38.8	-0.617	2.071	-73.4	2.161
249154.7	843672.8	73.6	18.718	11.625	31.8	22.034	20.2	17.534	0.518	1.019	63.0	1.143	38.6	-0.549	2.032	-74.9	2.105
249154.0	843672.0	73.7	18.544	11.519	31.8	21.830	20.3	17.372	0.510	1.015	63.3	1.136	38.0	-0.491	1.982	-76.1	2.041
249153.3	843671.3	73.8	18.374	11.414	31.8	21.630	20.3	17.213	0.503	1.009	63.5	1.128	37.6	-0.434	1.936	-77.4	1.985
249152.6	843670.6	73.9	18.084	11.237	31.9	21.291	20.5	16.943	0.487	1.002	64.1	1.114	35.7	-0.405	1.831	-77.5	1.875
249151.9	843669.9	73.9	17.791	11.058	31.9	20.947	20.6	16.669	0.470	0.995	64.7	1.101	33.8	-0.380	1.726	-77.6	1.767
249151.2	843669.2	74.0	17.562	10.917	31.9	20.679	20.7	16.456	0.460	0.988	65.0	1.090	32.7	-0.345	1.659	-78.3	1.694
249150.5	843668.5	74.2	17.433	10.838	31.9	20.527	20.8	16.335	0.457	0.982	65.0	1.083	32.8	-0.292	1.652	-80.0	1.678
249149.9	843667.7	74.3	17.334	10.777	31.9	20.411	20.8	16.243	0.457	0.976	64.9	1.077	33.5	-0.236	1.668	-81.9	1.685
249149.2	843667.0	74.4	17.081	10.622	31.9	20.114	20.9	16.006	0.446	0.967	65.3	1.065	32.2	-0.216	1.600	-82.3	1.614
249148.5	843666.3	74.4	16.786	10.441	31.9	19.768	21.1	15.731	0.432	0.958	65.7	1.051	30.4	-0.208	1.511	-82.1	1.525
249147.8	843665.6	74.5	16.497	10.264	31.9	19.430	21.2	15.462	0.419	0.949	66.2	1.037	28.6	-0.203	1.428	-81.9	1.442
249147.1	843664.9	74.5	16.237	10.105	31.9	19.125	21.3	15.219	0.408	0.939	66.5	1.024	27.2	-0.196	1.364	-81.8	1.378
249146.4	843664.1	74.6	16.035	9.981	31.9	18.887	21.4	15.030	0.402	0.930	66.6	1.014	26.7	-0.180	1.338	-82.4	1.350
249145.7	843663.4	74.8	15.994	9.956	31.9	18.839	21.4	14.992	0.409	0.923	66.1	1.009	28.4	-0.131	1.414	-84.7	1.420
249145.0	843662.7	75.0	15.909	9.903	31.9	18.739	21.5	14.912	0.412	0.914	65.7	1.003	29.6	-0.096	1.466	-86.2	1.469
249144.3	843662.0	75.1	15.812	9.844	31.9	18.626	21.5	14.822	0.415	0.906	65.4	0.996	30.7	-0.067	1.514	-87.5	1.516
249143.6	843661.3	75.2	15.614	9.723	31.9	18.394	21.6	14.637	0.411	0.895	65.4	0.985	30.4	-0.062	1.505	-87.6	1.506
249142.9	843660.6	75.2	15.303	9.533	31.9	18.030	21.7	14.347	0.398	0.884	65.7	0.970	28.4	-0.086	1.429	-86.6	1.432
249142.2	843659.8	75.3	15.104	9.411	31.9	17.796	21.8	14.162	0.394	0.874	65.7	0.958	28.1	-0.088	1.423	-86.5	1.426
249141.5	843659.1	75.4	14.889	9.280	31.9	17.544	21.9	13.961	0.390	0.863	65.7	0.947	27.5	-0.097	1.410	-86.1	1.413
249140.8	843658.4	75.5	14.690	9.158	31.9	17.310	22.0	13.775	0.386	0.852	65.6	0.935	27.2	-0.105	1.407	-85.7	1.411
249140.1	843657.7	75.5	14.402	8.982	31.9	16.973	22.2	13.507	0.377	0.840	65.8	0.921	25.6	-0.137	1.350	-84.2	1.357
249139.4	843657.0	75.5	14.182	8.847	32.0	16.716	22.3	13.302	0.372	0.829	65.8	0.909	24.9	-0.156	1.336	-83.4	1.345
249138.7	843656.2	75.6	13.955	8.708	32.0	16.449	22.4	13.090	0.368	0.818	65.8	0.897	24.1	-0.179	1.317	-82.2	1.330
249138.0	843655.5	75.6	13.706	8.556	32.0	16.158	22.5	12.858	0.362	0.806	65.8	0.884	22.9	-0.211	1.286	-80.7	1.303
249137.3	843654.8	75.6	13.454	8.402	32.0	15.863	22.6	12.623	0.356	0.794	65.8	0.871	21.6	-0.246	1.250	-78.9	1.274
249136.6	843654.1	75.7	13.208	8.252	32.0	15.573	22.8	12.393	0.351	0.783	65.8	0.858	20.4	-0.283	1.218	-76.9	1.250
249135.9	843653.4	75.7	13.008	8.130	32.0	15.339	22.9	12.207	0.349	0.772	65.7	0.847	19.9	-0.310	1.215	-75.7	1.254
249135.2	843652.7	75.9	12.890	8.058	32.0	15.202	22.9	12.097	0.351	0.762	65.3	0.839	20.7	-0.316	1.266	-76.0	1.305
249134.5	843651.9	75.9	12.691	7.937	32.0	14.968	23.0	11.911	0.348	0.752	65.1	0.828	20.1	-0.347	1.260	-74.6	1.307
249133.8	843651.2	75.9	12.440	7.784	32.0	14.675	23.2	11.678	0.344	0.741	65.1	0.816	18.6	-0.393	1.219	-72.1	1.280
249133.1	843650.5	75.9	12.196	7.635	32.0	14.389	23.3	11.450	0.339	0.730	65.1	0.805	17.0	-0.440	1.178	-69.5	1.257
249132.5	843649.8	75.9	11.958	7.490	32.1	14.110	23.4	11.228	0.335	0.720	65.0	0.794	15.5	-0.487	1.138	-66.8	1.238
249131.8	843649.1	76.0	11.797	7.393	32.1	13.922	23.5	11.079	0.335	0.710	64.8	0.785	15.3	-0.513	1.149	-65.9	1.258
249131.1	843648.3	76.1	11.645	7.302	32.1	13.745	23.6	10.938	0.334	0.701	64.5	0.777	15.2	-0.536	1.163	-65.2	1.280
249130.4	843647.6	76.2	11.497	7.212	32.1	13.571	23.7	10.800	0.333	0.693	64.3	0.769	15.2	-0.560	1.176	-64.5	1.302
249129.7	843646.9	76.3	11.351	7.124	32.1	13.401	23.8	10.664	0.333	0.685	64.1	0.761	15.0	-0.583	1.187	-63.9	1.322
249129.0	843646.2	76.4	11.223	7.048	32.1	13.253	23.9	10.546	0.332	0.677	63.9	0.754	15.2	-0.600	1.208	-63.6	1.349
249128.3	843645.5	76.4	11.049	6.943	32.1	13.049	24.0	10.384	0.330	0.669	63.8	0.746	14.4	-0.633	1.191	-62.0	1.349
249127.6	843644.8	76.5	10.878	6.840	32.2	12.850	24.1	10.226	0.327	0.662	63.7	0.739	13.5	-0.667	1.172	-60.4	1.348
249126.9	843644.0	76.5	10.712	6.740	32.2	12.656	24.2	10.071	0.325	0.655	63.6	0.731	12.7	-0.699	1.152	-58.8	1.347
249126.2	843643.3	76.6	10.585	6.664	32.2	12.508	24.3	9.953	0.324	0.649	63.5	0.725	12.5	-0.718	1.156	-58.1	1.361
249125.5	843642.6	76.7	10.467	6.594	32.2	12.371	24.4	9.844	0.322	0.643	63.4	0.719	12.4	-0.735	1.162	-57.7	1.375
249124.8	843641.9	76.8	10.353	6.527	32.2	12.239	24.5	9.739	0.321	0.638	63.3	0.714	12.4	-0.751	1.167	-57.2	1.387
249124.1	843641.2	76.9	10.257	6.471	32.2	12.127	24.6	9.651	0.319	0.634	63.3	0.709	12.5	-0.761	1.179	-57.2	1.403
249123.4	843640.4	77.0	10.156	6.412	32.3	12.011	24.7	9.558	0.317	0.629	63.3	0.705	12.5	-0.773	1.184	-56.9	1.414

249122.7	843639.7	77.1	10.077	6.366	32.3	11.919	24.7	9.485	0.316	0.626	63.2	0.701	12.8	-0.778	1.199	-57.0	1.430
249122.0	843639.0	77.2	10.029	6.339	32.3	11.865	24.8	9.442	0.315	0.623	63.2	0.698	13.6	-0.773	1.233	-57.9	1.456
249121.3	843638.3	77.4	9.977	6.310	32.3	11.805	24.8	9.394	0.313	0.620	63.2	0.695	14.2	-0.771	1.259	-58.5	1.477
249120.6	843637.6	77.5	9.911	6.272	32.3	11.729	24.9	9.333	0.311	0.618	63.3	0.692	14.4	-0.775	1.269	-58.6	1.487
249119.9	843636.9	77.6	9.863	6.245	32.3	11.674	25.0	9.290	0.309	0.617	63.4	0.690	14.7	-0.775	1.287	-58.9	1.502
249119.2	843636.1	77.8	9.890	6.264	32.3	11.706	25.0	9.316	0.309	0.616	63.3	0.690	16.5	-0.749	1.356	-61.1	1.550
249118.5	843635.4	78.0	9.920	6.285	32.4	11.743	25.0	9.345	0.310	0.616	63.3	0.690	18.2	-0.725	1.423	-63.0	1.597
249117.8	843634.7	78.1	9.892	6.270	32.4	11.712	25.0	9.320	0.308	0.616	63.5	0.689	18.5	-0.724	1.440	-63.3	1.611
249117.1	843634.0	78.3	9.868	6.256	32.4	11.684	25.0	9.298	0.305	0.617	63.7	0.688	18.7	-0.725	1.453	-63.5	1.623
249116.4	843633.3	78.4	9.849	6.244	32.4	11.661	25.0	9.280	0.303	0.617	63.9	0.688	18.8	-0.727	1.463	-63.6	1.634
249115.7	843632.5	78.6	9.899	6.275	32.4	11.720	24.9	9.327	0.303	0.619	64.0	0.689	20.2	-0.708	1.521	-65.0	1.677
249115.1	843631.8	78.7	9.959	6.312	32.4	11.791	24.9	9.383	0.303	0.622	64.0	0.692	21.5	-0.690	1.580	-66.4	1.724
249114.4	843631.1	78.9	10.045	6.364	32.4	11.891	24.8	9.463	0.304	0.625	64.1	0.695	23.2	-0.667	1.652	-68.0	1.781

Max EF along centerline is 1.752 (kV/m) at 270.000 (m) from structure [redacted]-4

Cross section results at max EF along centerline between structures [redacted]-4 and [redacted]-5





3D EMF Point Results Span from [redacted]-4 to [redacted]-5:

Measurement			B					H	EF					Space Potential			
X (m)	Y (m)	Z (m)	Real (uT)	Imaginary (uT)	Angle (deg)	Magnitude (uT)	Polarization Axial Ratio %	Magnitude (A/m)	Real (kV/m)	Imaginary (kV/m)	Angle (deg)	Magnitude (kV/m)	Polarization Axial Ratio %	Real (kV)	Imaginary (kV)	Angle (deg)	Magnitude (kV)
249261.0	843760.6	57.7	27.035	13.064	25.8	30.026	30.4	23.894	3.463	1.027	16.5	3.612	5.8	5.508	-1.390	-14.2	5.681
249260.3	843761.2	57.6	28.624	13.566	25.4	31.676	28.6	25.207	3.804	0.991	14.6	3.931	4.9	5.557	-1.200	-12.2	5.685
249259.6	843761.9	57.5	30.184	14.085	25.0	33.308	26.9	26.506	4.108	0.940	12.9	4.214	4.1	5.569	-1.021	-10.4	5.662
249258.8	843762.6	57.5	31.961	14.710	24.7	35.184	25.1	27.998	4.361	0.874	11.3	4.447	3.7	5.829	-0.912	-8.9	5.900
249258.1	843763.3	57.4	33.426	15.286	24.6	36.756	23.4	29.249	4.526	0.793	9.9	4.595	3.4	5.834	-0.760	-7.4	5.883
249257.4	843764.0	57.5	35.027	15.967	24.5	38.494	21.7	30.633	4.601	0.699	8.6	4.654	3.3	6.049	-0.650	-6.1	6.083
249256.7	843764.7	57.4	35.803	16.471	24.7	39.411	20.1	31.362	4.547	0.587	7.4	4.584	3.1	5.609	-0.450	-4.6	5.627
249256.0	843765.4	57.3	36.246	16.951	25.1	40.014	18.7	31.842	4.377	0.460	6.0	4.401	3.1	5.018	-0.252	-2.9	5.025
249255.2	843766.1	57.1	36.243	17.361	25.6	40.187	17.5	31.980	4.096	0.317	4.4	4.108	3.1	4.214	-0.057	-0.8	4.214
249254.5	843766.8	57.0	36.085	17.782	26.2	40.228	16.5	32.012	3.726	0.173	2.7	3.730	3.4	3.461	0.104	1.7	3.463
249253.8	843767.5	57.1	36.793	18.594	26.8	41.225	15.3	32.806	3.303	0.180	3.1	3.307	5.1	3.469	0.243	4.0	3.478
249253.1	843768.2	57.2	37.340	19.449	27.5	42.102	14.2	33.503	2.826	0.356	7.2	2.848	8.3	3.354	0.431	7.3	3.381
249252.4	843768.9	57.2	37.214	20.109	28.4	42.300	13.6	33.661	2.301	0.581	14.2	2.373	12.7	2.856	0.619	12.2	2.922
249251.7	843769.6	57.2	37.261	20.914	29.3	42.729	13.0	34.003	1.767	0.852	25.8	1.961	21.3	2.458	0.856	19.2	2.603
249250.9	843770.3	57.3	37.342	21.807	30.3	43.243	12.6	34.412	1.244	1.160	43.0	1.701	34.0	2.039	1.156	29.5	2.344
249250.2	843771.0	57.4	37.786	22.979	31.3	44.225	12.2	35.193	0.818	1.507	61.5	1.714	42.6	1.607	1.642	45.6	2.298
249249.5	843771.7	57.5	37.902	24.042	32.4	44.884	12.2	35.718	0.627	1.882	71.6	1.983	32.4	1.017	2.136	64.5	2.366
249248.8	843772.4	57.5	37.273	24.646	33.5	44.684	12.7	35.559	0.792	2.272	70.8	2.406	19.0	0.443	2.363	79.4	2.404
249248.1	843773.1	57.4	36.670	25.232	34.5	44.513	13.4	35.422	1.200	2.679	65.9	2.936	11.5	-0.045	2.577	-89.0	2.577
249247.3	843773.8	57.5	36.639	26.236	35.6	45.064	14.1	35.861	1.679	3.096	61.5	3.522	8.2	-0.672	3.172	-78.0	3.242
249246.6	843774.5	57.5	36.294	26.984	36.6	45.226	15.0	35.990	2.125	3.490	58.7	4.086	5.9	-1.242	3.650	-71.2	3.855
249245.9	843775.2	57.5	35.605	27.392	37.6	44.922	16.3	35.748	2.522	3.832	56.6	4.587	4.4	-1.682	3.942	-66.9	4.286
249245.2	843775.9	57.6	35.024	27.845	38.5	44.744	17.6	35.606	2.867	4.105	55.1	5.007	3.7	-2.229	4.415	-63.2	4.946
249244.5	843776.6	57.6	34.278	28.084	39.3	44.314	19.1	35.264	3.136	4.278	53.8	5.304	3.4	-2.763	4.858	-60.4	5.589
249243.8	843777.3	57.7	33.316	28.034	40.1	43.541	20.7	34.649	3.318	4.332	52.5	5.457	3.4	-3.244	5.207	-58.1	6.135
249243.0	843778.0	57.8	32.092	27.621	40.7	42.342	22.5	33.695	3.409	4.257	51.3	5.454	3.6	-3.617	5.388	-56.1	6.489
249242.3	843778.6	57.8	30.658	26.877	41.2	40.771	24.4	32.445	3.412	4.061	50.0	5.304	4.0	-3.886	5.408	-54.3	6.660
249241.6	843779.3	57.7	28.546	25.236	41.5	38.102	26.4	30.321	3.325	3.743	48.4	5.006	4.1	-3.552	4.726	-53.1	5.912
249240.9	843780.0	57.6	26.269	23.264	41.5	35.089	28.4	27.923	3.177	3.353	46.5	4.619	4.0	-2.968	3.822	-52.2	4.839
249240.2	843780.7	57.8	25.048	22.424	41.8	33.619	30.3	26.753	3.007	2.965	44.6	4.223	5.3	-3.451	4.022	-49.4	5.300
249239.5	843781.4	57.8	23.415	21.000	41.9	31.452	32.2	25.029	2.800	2.550	42.3	3.787	6.2	-3.432	3.697	-47.1	5.044

Centerline results between structures [redacted]-5 and [redacted]-6

3D EMF Point Results Centerline from [redacted]-5 to [redacted]-6:

Measurement			B					H	EF					Space Potential			
X (m)	Y (m)	Z (m)	Real (uT)	Imaginary (uT)	Angle (deg)	Magnitude (uT)	Polarization Axial Ratio %	Magnitude (A/m)	Real (kV/m)	Imaginary (kV/m)	Angle (deg)	Magnitude (kV/m)	Polarization Axial Ratio %	Real (kV)	Imaginary (kV)	Angle (deg)	Magnitude (kV)
249114.8	843631.6	78.8	9.982	6.326	32.4	11.818	24.8	9.404	0.303	0.623	64.1	0.693	22.0	-0.684	1.600	-66.9	1.740

249114.1	843630.9	79.0	10.078	6.385	32.4	11.931	24.7	9.494	0.305	0.626	64.1	0.696	23.8	-0.659	1.678	-68.6	1.803
249113.4	843630.2	79.2	10.131	6.415	32.3	11.992	24.6	9.543	0.304	0.630	64.3	0.699	24.5	-0.653	1.716	-69.2	1.837
249112.7	843629.4	79.3	10.162	6.431	32.3	12.026	24.5	9.570	0.301	0.633	64.6	0.701	24.6	-0.659	1.732	-69.2	1.853
249112.0	843628.7	79.4	10.201	6.451	32.3	12.069	24.4	9.604	0.298	0.637	64.9	0.703	24.6	-0.665	1.747	-69.1	1.869
249111.3	843628.0	79.5	10.250	6.476	32.3	12.125	24.3	9.649	0.295	0.641	65.3	0.705	24.7	-0.672	1.764	-69.1	1.888
249110.6	843627.3	79.6	10.297	6.499	32.3	12.176	24.2	9.690	0.291	0.645	65.7	0.708	24.5	-0.684	1.774	-68.9	1.901
249109.9	843626.6	79.6	10.330	6.513	32.2	12.212	24.0	9.718	0.286	0.650	66.3	0.710	23.9	-0.702	1.768	-68.3	1.902
249109.3	843625.8	79.7	10.374	6.533	32.2	12.260	23.8	9.756	0.281	0.654	66.8	0.712	23.3	-0.720	1.765	-67.8	1.906
249108.6	843625.1	79.7	10.417	6.552	32.2	12.307	23.7	9.793	0.275	0.659	67.4	0.715	22.6	-0.741	1.757	-67.1	1.907
249107.9	843624.4	79.8	10.464	6.573	32.1	12.357	23.5	9.833	0.269	0.665	68.0	0.717	21.8	-0.764	1.747	-66.4	1.907
249107.2	843623.7	79.8	10.501	6.587	32.1	12.396	23.3	9.864	0.262	0.670	68.6	0.719	20.7	-0.790	1.727	-65.4	1.899
249106.5	843623.0	79.8	10.523	6.592	32.1	12.417	23.1	9.882	0.254	0.675	69.4	0.721	19.3	-0.822	1.692	-64.1	1.881
249105.8	843622.3	79.8	10.558	6.605	32.0	12.454	22.9	9.910	0.246	0.681	70.1	0.724	18.0	-0.852	1.663	-62.9	1.868
249105.1	843621.5	79.8	10.598	6.621	32.0	12.496	22.8	9.944	0.238	0.686	70.9	0.726	16.7	-0.881	1.635	-61.7	1.857
249104.4	843620.8	79.8	10.642	6.639	32.0	12.544	22.6	9.982	0.230	0.692	71.6	0.729	15.4	-0.910	1.608	-60.5	1.848
249103.7	843620.1	79.8	10.691	6.661	31.9	12.596	22.4	10.023	0.222	0.698	72.4	0.733	14.2	-0.939	1.582	-59.3	1.840
249103.0	843619.4	79.9	10.789	6.713	31.9	12.707	22.2	10.112	0.216	0.705	73.0	0.737	13.8	-0.956	1.593	-59.0	1.858
249102.3	843618.7	79.9	10.905	6.777	31.9	12.839	21.9	10.217	0.210	0.712	73.5	0.742	13.7	-0.971	1.615	-59.0	1.885
249101.6	843617.9	80.0	11.014	6.837	31.8	12.964	21.7	10.316	0.204	0.718	74.1	0.747	13.5	-0.988	1.631	-58.8	1.907
249100.9	843617.2	80.0	11.076	6.868	31.8	13.033	21.5	10.371	0.196	0.725	74.9	0.751	12.4	-1.014	1.609	-57.8	1.902
249100.2	843616.5	80.0	11.133	6.896	31.8	13.096	21.4	10.421	0.186	0.731	75.7	0.755	11.1	-1.040	1.582	-56.7	1.893
249099.5	843615.8	80.0	11.192	6.924	31.7	13.161	21.2	10.473	0.177	0.738	76.5	0.759	9.9	-1.064	1.555	-55.6	1.884
249098.8	843615.1	80.0	11.277	6.971	31.7	13.258	21.0	10.550	0.169	0.745	77.2	0.763	9.2	-1.083	1.548	-55.0	1.889
249098.1	843614.4	80.1	11.397	7.039	31.7	13.396	20.8	10.660	0.161	0.752	77.9	0.769	9.0	-1.096	1.566	-55.0	1.911
249097.4	843613.6	80.2	11.521	7.110	31.7	13.538	20.6	10.773	0.154	0.759	78.5	0.775	9.0	-1.107	1.586	-55.1	1.934
249096.7	843612.9	80.2	11.645	7.181	31.7	13.681	20.4	10.887	0.147	0.766	79.2	0.780	8.9	-1.118	1.606	-55.1	1.957
249096.0	843612.2	80.3	11.771	7.254	31.6	13.827	20.2	11.003	0.139	0.774	79.8	0.786	8.9	-1.128	1.626	-55.2	1.979
249095.3	843611.5	80.4	11.898	7.328	31.6	13.974	20.0	11.120	0.132	0.782	80.4	0.793	8.9	-1.137	1.646	-55.4	2.000
249094.6	843610.8	80.4	11.994	7.383	31.6	14.084	19.8	11.208	0.122	0.789	81.2	0.798	8.4	-1.148	1.641	-55.0	2.003
249093.9	843610.0	80.4	12.054	7.416	31.6	14.152	19.6	11.262	0.111	0.796	82.1	0.804	7.4	-1.161	1.609	-54.2	1.984
249093.2	843609.3	80.4	12.133	7.461	31.6	14.244	19.5	11.335	0.100	0.804	82.9	0.810	6.7	-1.170	1.591	-53.7	1.975
249092.5	843608.6	80.5	12.294	7.558	31.6	14.431	19.3	11.484	0.094	0.812	83.4	0.817	7.2	-1.172	1.634	-54.4	2.011
249091.9	843607.9	80.7	12.520	7.696	31.6	14.696	19.0	11.695	0.094	0.820	83.4	0.826	8.6	-1.169	1.727	-55.9	2.085
249091.2	843607.2	80.8	12.681	7.794	31.6	14.885	18.8	11.845	0.091	0.829	83.7	0.834	9.1	-1.171	1.770	-56.5	2.122
249090.5	843606.5	80.8	12.841	7.892	31.6	15.072	18.6	11.994	0.089	0.837	83.9	0.842	9.6	-1.173	1.811	-57.1	2.158
249089.8	843605.7	80.9	12.954	7.960	31.6	15.204	18.5	12.099	0.084	0.845	84.3	0.849	9.4	-1.177	1.816	-57.1	2.164
249089.1	843605.0	81.1	13.206	8.117	31.6	15.501	18.2	12.335	0.095	0.854	83.6	0.859	11.0	-1.177	1.925	-58.6	2.256
249088.4	843604.3	81.0	13.203	8.113	31.6	15.497	18.1	12.332	0.080	0.861	84.7	0.865	9.3	-1.181	1.844	-57.4	2.190
249087.7	843603.6	80.9	13.087	8.036	31.6	15.358	18.1	12.221	0.055	0.867	86.3	0.869	6.4	-1.182	1.675	-54.8	2.050
249087.0	843602.9	80.9	13.182	8.094	31.6	15.469	17.9	12.310	0.055	0.875	86.4	0.877	6.1	-1.181	1.666	-54.7	2.042
249086.3	843602.2	80.9	13.282	8.156	31.6	15.586	17.8	12.403	0.058	0.883	86.2	0.885	5.8	-1.179	1.660	-54.6	2.036
249085.6	843601.4	81.0	13.381	8.217	31.6	15.702	17.6	12.496	0.063	0.891	85.9	0.893	5.6	-1.176	1.654	-54.6	2.030
249084.9	843600.7	81.1	13.595	8.352	31.6	15.956	17.4	12.697	0.078	0.900	85.0	0.903	6.4	-1.179	1.737	-55.8	2.099
249084.2	843600.0	81.1	13.677	8.404	31.6	16.053	17.3	12.774	0.084	0.908	84.7	0.911	6.0	-1.176	1.718	-55.6	2.082
249083.5	843599.3	81.2	13.829	8.500	31.6	16.232	17.1	12.917	0.096	0.916	84.0	0.921	6.2	-1.177	1.753	-56.1	2.112
249082.8	843598.6	81.3	13.990	8.603	31.6	16.423	16.9	13.069	0.109	0.924	83.3	0.930	6.6	-1.180	1.795	-56.7	2.149
249082.1	843597.8	81.3	14.042	8.635	31.6	16.485	16.8	13.118	0.115	0.932	82.9	0.939	5.8	-1.176	1.754	-56.2	2.111
249081.4	843597.1	81.3	14.094	8.668	31.6	16.546	16.7	13.167	0.123	0.939	82.5	0.947	5.1	-1.170	1.713	-55.7	2.074
249080.7	843596.4	81.4	14.205	8.739	31.6	16.678	16.5	13.272	0.134	0.947	81.9	0.957	5.0	-1.169	1.717	-55.7	2.077
249080.0	843595.7	81.5	14.361	8.840	31.6	16.864	16.3	13.420	0.147	0.955	81.2	0.967	5.2	-1.174	1.756	-56.2	2.112
249079.3	843595.0	81.6	14.526	8.948	31.6	17.061	16.2	13.577	0.161	0.964	80.5	0.977	5.6	-1.181	1.802	-56.8	2.155
249078.6	843594.3	81.6	14.600	8.996	31.6	17.149	16.0	13.647	0.171	0.971	80.0	0.986	5.1	-1.178	1.778	-56.5	2.133
249077.9	843593.5	81.6	14.647	9.027	31.6	17.205	15.9	13.691	0.181	0.979	79.5	0.995	4.4	-1.170	1.733	-56.0	2.091
249077.2	843592.8	81.6	14.688	9.054	31.7	17.254	15.8	13.731	0.192	0.986	79.0	1.005	3.8	-1.161	1.683	-55.4	2.045
249076.5	843592.1	81.6	14.728	9.081	31.7	17.303	15.7	13.769	0.203	0.994	78.5	1.014	3.3	-1.150	1.632	-54.8	1.996
249075.8	843591.4	81.6	14.769	9.108	31.7	17.352	15.6	13.808	0.215	1.001	77.9	1.024	2.9	-1.139	1.580	-54.2	1.948
249075.1	843590.7	81.6	14.811	9.137	31.7	17.402	15.5	13.848	0.227	1.009	77.3	1.034	2.8	-1.126	1.529	-53.6	1.899
249074.5	843589.9	81.7	14.946	9.227	31.7	17.565	15.3	13.978	0.240	1.017	76.7	1.045	2.7	-1.130	1.552	-53.9	1.920
249073.8	843589.2	81.7	15.080	9.316	31.7	17.726	15.2	14.106	0.253	1.025	76.1	1.056	2.7	-1.135	1.573	-54.2	1.940
249073.1	843588.5	81.8	15.194	9.393	31.7	17.863	15.1	14.215	0.266	1.033	75.6	1.067	2.6	-1.135	1.578	-54.3	1.944
249072.4	843587.8	81.9	15.310	9.471	31.7	18.002	14.9	14.326	0.279	1.042	75.0	1.079	2.5	-1.136	1.584	-54.3	1.950
249071.7	843587.1	82.0	15.482	9.587	31.8	18.210	14.7	14.491	0.293	1.051	74.4	1.091	2.6	-1.150	1.635	-54.9	1.999
249071.0	843586.4	82.1	15.653	9.703	31.8	18.416	14.6	14.655	0.307	1.059	73.9	1.103	2.8	-1.165	1.683	-55.3	2.047
249070.3	843585.6	82.2	15.824	9.819	31.8	18.623	14.4	14.820	0.321	1.068	73.3	1.116	3.1	-1.181	1.731	-55.7	2.095
249069.6	843584.9	82.2	15.889	9.865	31.8	18.703	14.3	14.883	0.334	1.077	72.8	1.127	2.7	-1.171	1.694	-55.4	2.060
249068.9	843584.2	82.2	15.947	9.907	31.8	18.774	14.2	14.940	0.347	1.085	72.3	1.139	2.4	-1.159	1.651	-54.9	2.017
249068.2	843583.5	82.3	16.080	9.999	31.9	18.935	14.0	15.068	0.361	1.094	71.8	1.152	2.4	-1.166	1.666	-55.0	2.034
249067.5	843582.8	82.4	16.247	10.114	31.9	19.138	13.9	15.229	0.375	1.104	71.2	1.166	2.6	-1.182	1.708	-55.3	2.077
249066.8	843582.0	82.5	16.340	10.180	31.9	19.252	13.8	15.320	0.389	1.113	70.7	1.179	2.4	-1.179	1.691	-55.1	2.061
249066.1	843581.3	82.5	16.431	10.245	31.9	19.363	13.6	15.409	0.403	1.122	70.3	1.192	2.2	-1.175	1.670	-54.9	2.042
249065.4	843580.6	82.5	16.520	10.309	32.0	19.473	13.5	15.496	0.416	1.131	69.8	1.205	2.1	-1.171	1.648	-54.6	2.021
249064.7	843579.9	82.6	16.587	10.358	32.0	19.555	13.4	15.562	0.430	1.140	69.3	1.219	1.8	-1.159	1.606	-54.2	1.981
249064.0	843579.2	82.6	16.657	10.409	32.0	19.642	13.3	15.630	0.444	1.150	68.9	1.232	1.6	-1.147	1.566	-53.8	1.941
249063.3	843578.5	82.7	16.752	10.479	32.0	19.760	13.2	15.724	0.458	1.159	68.4	1.247	1.5	-1.144	1.546	-53.5	1.924
249062.6	843577.7	82.7	16.841	10.543	32.0	19.869	13.0	15.811	0.473	1.169	68.0	1.261	1.4	-1.138	1.520	-53.2	1.899
249061.9	843577.0	82.8	16.905	10.592	32.1	19.949	12.9	15.875	0.487	1.178	67.5	1.275	1.3	-1.124	1.472	-52.6	1.852
249061.2	843576.3	82.9	17.091	10.724	32.1	20.176	12.8	16.056	0.501	1.188	67.1	1.290	1.2	-1.152	1.524	-52.9	1.911
249060.5	843575.6	83.0	17.310	10.880	32.2	20.446	12.6	16.270	0.516	1.199	66.7	1.305	1.4	-1.194	1.603	-53.3	1.999
249059.8	843574.9	83.1	17.421	10.962	32.2	20.583	12.5	16.379	0.531	1.209	66.3	1.320	1.3	-1.197	1.592	-53.1	1.992
249059.1	843574.1	83.1	17.507	11.027	32.2	20.690	12.3	16.465	0.545	1.218	65.9	1.335	1.1	-1.192	1.560	-52.6	1.963
249058.4	843573.4	83.2	17.603	11.099	32.2	20.810	12.2	16.560	0.559	1.228	65.5	1.349	1.0	-1.190	1.536	-52.2	1.943
249057.7	843572.7	83.3	17.739	11.200	32.3	20.979	12.1	16.695	0.574	1.238	65.1	1.365	0.9	-1.203	1.543	-52.1	1.957
249057.1	843572.0	83.4	17.933	11.341	32.3	21.218	11.9	16.884	0.589	1.249	64.7	1.381	1.1	-1.239	1.597	-52.2	2.022
249056.4	843571.3	83.5	18.146	11.497	32.4	21.482	11.7	17.095	0.604	1.260	64.4	1.397	1.4	-1.285	1.667	-52.4	2.104
249055.7	843570.6	83.7	18.361	11.655	32.4	21.748	11.6	17.306	0.620	1.271	64.0	1.414	1.7	-1.331	1.735	-52.5	2.187
249055.0	843569.8	83.8	18.576	11.814	32.5	22.015	11.4	17.519	0.636	1.282	63.6	1.431	2.0	-1.378	1.804	-52.6	2.270
249054.3	843569.1	83.9	18.749	11.944	32.5	22.230	11.2	17.690	0.652	1.293	63.3	1.448	2.1	-1.409	1.835	-52.5	2.314

249053.6	843568.4	83.9	18.765	11.962	32.5	22.253	11.1	17.708	0.665	1.303	62.9	1.463	1.6	-1.373	1.738	-51.7	2.214
249052.9	843567.7	84.0	18.803	11.997	32.5	22.304	11.1	17.749	0.680	1.313	62.6	1.478	1.2	-1.344	1.656	-50.9	2.133
249052.2	843567.0	84.1	18.969	12.122	32.6	22.511	10.9	17.914	0.696	1.324	62.3	1.496	1.2	-1.368	1.677	-50.8	2.164
249051.5	843566.2	84.2	19.099	12.224	32.6	22.676	10.8	18.045	0.712	1.336	62.0	1.513	1.2	-1.376	1.666	-50.4	2.161
249050.8	843565.5	84.2	19.224	12.322	32.7	22.834	10.6	18.171	0.728	1.347	61.6	1.531	1.1	-1.381	1.650	-50.1	2.152
249050.1	843564.8	84.3	19.341	12.414	32.7	22.982	10.5	18.289	0.744	1.359	61.3	1.549	1.0	-1.380	1.623	-49.6	2.131
249049.4	843564.1	84.4	19.406	12.469	32.7	23.067	10.4	18.356	0.760	1.371	61.0	1.568	0.7	-1.353	1.551	-48.9	2.058
249048.7	843563.4	84.4	19.478	12.530	32.8	23.160	10.3	18.430	0.776	1.383	60.7	1.586	0.5	-1.326	1.482	-48.2	1.989
249048.0	843562.7	84.6	19.715	12.712	32.8	23.458	10.1	18.668	0.794	1.397	60.4	1.607	0.8	-1.377	1.548	-48.4	2.072
249047.3	843561.9	84.7	19.918	12.869	32.9	23.713	10.0	18.871	0.811	1.411	60.1	1.628	0.9	-1.410	1.583	-48.3	2.120
249046.6	843561.2	84.8	20.117	13.025	32.9	23.965	9.8	19.071	0.829	1.425	59.8	1.649	1.1	-1.440	1.612	-48.2	2.162
249045.9	843560.5	85.0	20.328	13.190	33.0	24.232	9.6	19.283	0.847	1.439	59.5	1.670	1.3	-1.475	1.648	-48.2	2.212
249045.2	843559.8	85.1	20.509	13.334	33.0	24.463	9.5	19.467	0.866	1.454	59.2	1.692	1.3	-1.495	1.658	-48.0	2.232
249044.5	843559.1	85.2	20.646	13.446	33.1	24.638	9.3	19.606	0.884	1.468	59.0	1.713	1.3	-1.490	1.628	-47.5	2.206
249043.8	843558.4	85.3	20.831	13.595	33.1	24.875	9.2	19.795	0.902	1.483	58.7	1.736	1.3	-1.508	1.636	-47.3	2.225
249043.1	843557.6	85.5	21.072	13.786	33.2	25.181	9.0	20.038	0.922	1.498	58.4	1.759	1.5	-1.554	1.688	-47.4	2.294
249042.4	843556.9	85.6	21.281	13.954	33.3	25.448	8.8	20.251	0.941	1.513	58.1	1.782	1.6	-1.583	1.712	-47.2	2.331
249041.7	843556.2	85.7	21.492	14.126	33.3	25.719	8.6	20.467	0.960	1.529	57.9	1.805	1.7	-1.612	1.736	-47.1	2.369
249041.0	843555.5	85.9	21.709	14.302	33.4	25.996	8.5	20.687	0.979	1.544	57.6	1.829	1.8	-1.643	1.761	-47.0	2.408
249040.3	843554.8	86.0	21.860	14.430	33.4	26.193	8.3	20.844	0.998	1.559	57.4	1.852	1.8	-1.637	1.731	-46.6	2.383
249039.7	843554.0	86.1	22.012	14.557	33.5	26.390	8.2	21.000	1.017	1.575	57.1	1.875	1.7	-1.630	1.698	-46.2	2.354
249039.0	843553.3	86.2	22.199	14.714	33.5	26.633	8.0	21.194	1.037	1.590	56.9	1.899	1.8	-1.642	1.693	-45.9	2.358
249038.3	843552.6	86.4	22.420	14.897	33.6	26.917	7.8	21.420	1.057	1.607	56.7	1.923	1.9	-1.670	1.714	-45.8	2.393
249037.6	843551.9	86.5	22.650	15.088	33.7	27.215	7.7	21.657	1.077	1.623	56.4	1.948	1.9	-1.703	1.742	-45.6	2.436
249036.9	843551.2	86.6	22.850	15.258	33.7	27.476	7.5	21.865	1.098	1.640	56.2	1.973	2.0	-1.718	1.742	-45.4	2.447
249036.2	843550.5	86.8	23.053	15.430	33.8	27.740	7.3	22.075	1.118	1.656	56.0	1.998	2.0	-1.734	1.742	-45.1	2.458
249035.5	843549.7	86.9	23.290	15.630	33.9	28.049	7.2	22.320	1.139	1.674	55.8	2.024	2.1	-1.769	1.769	-45.0	2.502
249034.8	843549.0	87.1	23.550	15.850	33.9	28.388	7.0	22.590	1.160	1.691	55.6	2.051	2.2	-1.816	1.815	-45.0	2.567
249034.1	843548.3	87.2	23.810	16.071	34.0	28.726	6.8	22.860	1.182	1.709	55.3	2.078	2.3	-1.863	1.858	-44.9	2.631
249033.4	843547.6	87.4	24.071	16.294	34.1	29.067	6.6	23.131	1.203	1.727	55.1	2.105	2.4	-1.910	1.900	-44.8	2.694
249032.7	843546.9	87.6	24.391	16.566	34.2	29.485	6.3	23.463	1.226	1.746	54.9	2.134	2.5	-1.993	1.992	-45.0	2.818
249032.0	843546.1	87.8	24.722	16.849	34.3	29.917	6.1	23.807	1.249	1.766	54.7	2.163	2.7	-2.083	2.092	-45.1	2.952
249031.3	843545.4	88.0	25.064	17.143	34.4	30.366	5.9	24.165	1.272	1.785	54.5	2.192	2.8	-2.181	2.203	-45.3	3.100
249030.6	843544.7	88.2	25.412	17.444	34.5	30.823	5.6	24.528	1.296	1.804	54.3	2.221	2.9	-2.284	2.318	-45.4	3.254
249029.9	843544.0	88.4	25.787	17.769	34.6	31.316	5.4	24.920	1.320	1.824	54.1	2.251	3.1	-2.404	2.457	-45.6	3.437
249029.2	843543.3	88.6	26.165	18.099	34.7	31.814	5.1	25.317	1.344	1.843	53.9	2.281	3.2	-2.529	2.600	-45.8	3.627
249028.5	843542.6	88.8	26.487	18.385	34.8	32.243	4.9	25.658	1.366	1.862	53.7	2.309	3.3	-2.623	2.700	-45.8	3.764
249027.8	843541.8	89.0	26.742	18.617	34.8	32.584	4.7	25.930	1.387	1.879	53.6	2.335	3.3	-2.678	2.748	-45.7	3.837
249027.1	843541.1	89.1	26.911	18.778	34.9	32.815	4.6	26.113	1.406	1.894	53.4	2.359	3.2	-2.684	2.729	-45.5	3.827
249026.4	843540.4	89.2	27.029	18.897	35.0	32.980	4.4	26.244	1.423	1.908	53.3	2.380	3.1	-2.660	2.672	-45.1	3.770
249025.7	843539.7	89.4	27.393	19.224	35.1	33.465	4.2	26.631	1.446	1.924	53.1	2.407	3.1	-2.792	2.825	-45.3	3.972
249025.0	843539.0	89.5	27.652	19.464	35.1	33.815	4.0	26.909	1.465	1.939	52.9	2.430	3.1	-2.862	2.897	-45.3	4.072
249024.3	843538.2	89.6	27.798	19.610	35.2	34.019	3.9	27.071	1.482	1.951	52.8	2.450	3.0	-2.867	2.882	-45.1	4.065
249023.6	843537.5	89.7	27.951	19.762	35.3	34.231	3.7	27.241	1.498	1.963	52.6	2.470	2.9	-2.879	2.879	-45.0	4.071
249022.9	843536.8	89.8	28.106	19.916	35.3	34.447	3.6	27.412	1.514	1.974	52.5	2.488	2.8	-2.896	2.885	-44.9	4.088
249022.3	843536.1	89.9	28.260	20.071	35.4	34.662	3.5	27.583	1.530	1.985	52.4	2.506	2.7	-2.917	2.897	-44.8	4.111
249021.6	843535.4	90.1	28.413	20.224	35.4	34.876	3.3	27.754	1.545	1.995	52.2	2.523	2.7	-2.942	2.917	-44.8	4.143
249020.9	843534.7	90.2	28.563	20.376	35.5	35.086	3.2	27.920	1.560	2.004	52.1	2.539	2.6	-2.969	2.941	-44.7	4.179
249020.2	843533.9	90.3	28.681	20.500	35.6	35.254	3.1	28.054	1.573	2.011	52.0	2.554	2.5	-2.980	2.948	-44.7	4.192
249019.5	843533.2	90.4	28.857	20.677	35.6	35.500	3.0	28.250	1.587	2.019	51.8	2.568	2.4	-3.035	3.012	-44.8	4.276
249018.8	843532.5	90.4	28.905	20.741	35.7	35.576	2.9	28.311	1.598	2.025	51.7	2.580	2.3	-3.009	2.976	-44.7	4.232
249018.1	843531.8	90.5	29.012	20.857	35.7	35.731	2.8	28.434	1.610	2.031	51.6	2.591	2.2	-3.028	2.998	-44.7	4.261
249017.4	843531.1	90.6	29.052	20.915	35.8	35.797	2.7	28.486	1.620	2.035	51.5	2.600	2.1	-3.007	2.973	-44.7	4.228
249016.7	843530.3	90.7	29.090	20.971	35.8	35.860	2.6	28.537	1.629	2.038	51.4	2.609	1.9	-2.988	2.953	-44.7	4.201
249016.0	843529.6	90.7	29.126	21.025	35.8	35.922	2.6	28.586	1.638	2.041	51.2	2.617	1.8	-2.973	2.940	-44.7	4.181
249015.3	843528.9	90.8	29.161	21.078	35.9	35.981	2.5	28.633	1.646	2.043	51.1	2.624	1.7	-2.961	2.934	-44.7	4.168
249014.6	843528.2	90.9	29.222	21.155	35.9	36.076	2.4	28.709	1.655	2.045	51.0	2.631	1.6	-2.971	2.957	-44.9	4.192
249013.9	843527.5	90.9	29.192	21.151	35.9	36.049	2.4	28.687	1.661	2.045	50.9	2.635	1.5	-2.921	2.909	-44.9	4.122
249013.2	843526.8	90.9	29.195	21.176	36.0	36.066	2.3	28.700	1.668	2.046	50.8	2.640	1.4	-2.897	2.894	-45.0	4.095
249012.5	843526.0	91.0	29.244	21.242	36.0	36.145	2.3	28.763	1.676	2.047	50.7	2.646	1.3	-2.909	2.926	-45.2	4.126
249011.8	843525.3	91.1	29.292	21.307	36.0	36.222	2.2	28.824	1.683	2.049	50.6	2.651	1.2	-2.923	2.960	-45.4	4.160
249011.1	843524.6	91.1	29.293	21.330	36.1	36.236	2.2	28.836	1.689	2.049	50.5	2.656	1.1	-2.906	2.958	-45.5	4.146
249010.4	843523.9	91.2	29.272	21.334	36.1	36.221	2.1	28.824	1.696	2.048	50.4	2.659	1.0	-2.906	2.912	-45.1	4.114
249009.7	843523.2	91.2	29.260	21.346	36.1	36.219	2.1	28.822	1.702	2.048	50.3	2.663	0.9	-2.883	2.905	-45.2	4.092
249009.0	843522.4	91.3	29.260	21.367	36.1	36.231	2.0	28.832	1.708	2.049	50.2	2.667	0.8	-2.869	2.909	-45.4	4.085
249008.3	843521.7	91.3	29.205	21.340	36.2	36.171	2.0	28.784	1.713	2.049	50.1	2.670	0.7	-2.816	2.867	-45.5	4.018
249007.6	843521.0	91.3	29.070	21.240	36.2	36.002	2.0	28.650	1.717	2.048	50.0	2.672	0.7	-2.703	2.755	-45.5	3.860
249006.9	843520.3	91.3	28.941	21.145	36.2	35.843	2.1	28.523	1.721	2.047	50.0	2.674	0.6	-2.595	2.648	-45.6	3.707
249006.2	843519.6	91.3	28.812	21.050	36.2	35.682	2.1	28.395	1.725	2.047	49.9	2.677	0.5	-2.484	2.539	-45.6	3.552
249005.5	843518.9	91.3	28.682	20.954	36.2	35.520	2.1	28.266	1.729	2.047	49.8	2.680	0.5	-2.372	2.427	-45.7	3.393
249004.9	843518.1	91.3	28.586	20.888	36.2	35.404	2.2	28.174	1.734	2.049	49.8	2.684	0.5	-2.283	2.343	-45.7	3.271
249004.2	843517.4	91.4	28.581	20.905	36.2	35.411	2.1	28.179	1.741	2.052	49.7	2.690	0.5	-2.263	2.339	-45.9	3.255
249003.5	843516.7	91.4	28.416	20.776	36.2	35.201	2.2	28.012	1.745	2.053	49.6	2.694	0.5	-2.118	2.188	-45.9	3.045
249002.8	843516.0	91.3	28.115	20.525	36.1	34.810	2.3	27.701	1.748	2.053	49.6	2.696	0.4	-1.864	1.907	-45.7	2.667
249002.1	843515.3	91.2	27.816	20.276	36.1	34.422	2.4	27.392	1.752	2.053	49.5	2.699	0.4	-1.607	1.622	-45.3	2.283
249001.4	843514.6	91.2	27.666	20.161	36.1	34.233	2.5	27.241	1.757	2.056	49.5	2.705	0.4	-1.465	1.472	-45.1	2.076
249000.7	843513.8	91.2	27.587	20.108	36.1	34.138	2.5	27.166	1.763	2.060	49.4	2.712	0.5	-1.378	1.385	-45.1	1.954
249000.0	843513.1	91.2	27.510	20.058	36.1	34.046	2.5	27.093	1.769	2.064	49.4	2.719	0.5	-1.293	1.298	-45.1	1.832
248999.3	843512.4	91.3	27.432	20.006	36.1	33.952	2.5	27.018	1.775	2.068	49.4	2.725	0.5	-1.207	1.208	-45.0	1.708
248998.6	843511.7	91.3	27.368	19.967	36.1	33.877	2.5	26.959	1.781	2.072	49.3	2.732	0.6	-1.132	1.131	-45.0	1.601
248997.9	843511.0	91.4	27.378	19.996	36.1	33.903	2.4	26.979	1.787	2.076	49.3	2.739	0.6	-1.121	1.126	-45.1	1.589
248997.2	843510.2	91.5	27.468	20.095	36.2	34.034	2.3	27.083	1.793	2.081	49.3	2.747	0.7	-1.179	1.198	-45.5	1.681
248996.5	843509.5	91.6	27.557	20.194	36.2	34.164	2.3	27.187	1.799	2.086	49.2	2.755	0.8	-1.237	1.269	-45.7	1.772
248995.8	843508.8	91.7	27.624	20.274	36.3	34.265	2.2	27.268	1.804	2.091	49.2	2.762	0.8	-1.280	1.321	-45.9	1.840
248995.1	843508.1	91.7	27.600	20.271	36.3	34.245	2.2	27.251	1.809	2.095	49.2	2.768	0.9	-1.250	1.285	-45.8	1.793
248994.4	843507.4	91.9	27.871	20.536	36.4	34.620	2.0	27.550	1.815	2.101	49.2	2.776	1.0	-1.469	1.537	-46.3	2.126
248993.7	843506.7	92.0	27.834	20.521	36.4	34.580	2.0	27.518	1.819	2.105	49.2	2.782	1.0	-1.434	1.492	-46.1	2.069

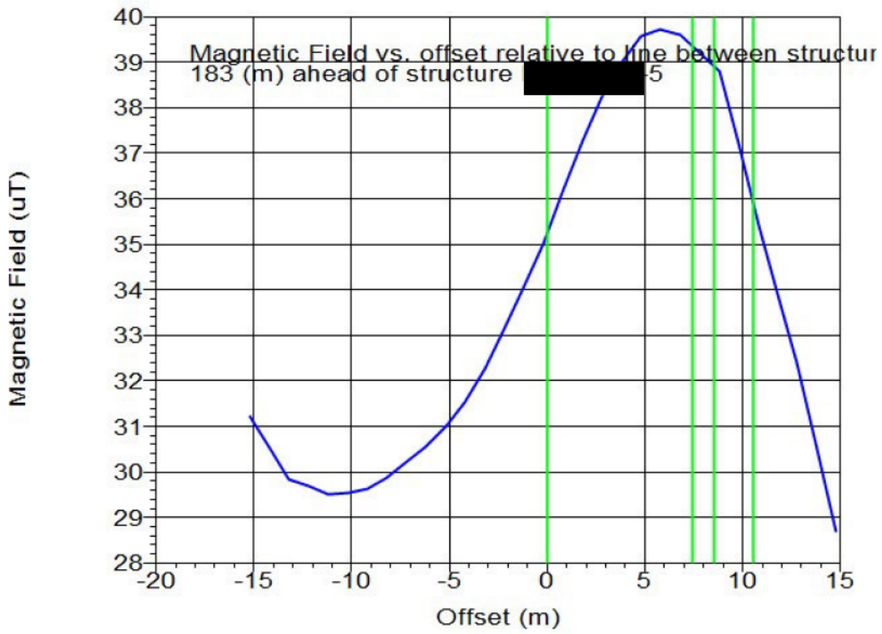
248993.0	843505.9	92.0	27.793	20.502	36.4	34.537	2.0	27.483	1.822	2.108	49.2	2.786	1.1	-1.398	1.445	-45.9	2.011
248992.3	843505.2	92.1	27.831	20.555	36.4	34.599	1.9	27.533	1.826	2.112	49.1	2.792	1.1	-1.433	1.478	-45.9	2.059
248991.6	843504.5	92.2	27.947	20.680	36.5	34.766	1.8	27.666	1.830	2.116	49.1	2.797	1.2	-1.538	1.591	-46.0	2.213
248990.9	843503.8	92.3	28.061	20.804	36.6	34.932	1.7	27.798	1.834	2.119	49.1	2.802	1.2	-1.646	1.707	-46.0	2.371
248990.2	843503.1	92.5	28.150	20.904	36.6	35.063	1.6	27.902	1.837	2.122	49.1	2.807	1.3	-1.736	1.801	-46.1	2.501
248989.5	843502.3	92.5	28.164	20.936	36.6	35.093	1.6	27.926	1.839	2.124	49.1	2.809	1.3	-1.768	1.828	-46.0	2.543
248988.8	843501.6	92.6	28.189	20.977	36.7	35.138	1.5	27.962	1.840	2.125	49.1	2.811	1.3	-1.815	1.872	-45.9	2.607
248988.1	843500.9	92.7	28.217	21.022	36.7	35.187	1.5	28.001	1.841	2.126	49.1	2.812	1.3	-1.869	1.925	-45.8	2.682
248987.5	843500.2	92.8	28.243	21.065	36.7	35.234	1.4	28.038	1.842	2.126	49.1	2.813	1.4	-1.926	1.982	-45.8	2.764
248986.8	843499.5	92.9	28.268	21.107	36.7	35.279	1.4	28.074	1.842	2.126	49.1	2.813	1.4	-1.988	2.045	-45.8	2.852
248986.1	843498.8	93.0	28.292	21.148	36.8	35.323	1.4	28.109	1.842	2.124	49.1	2.812	1.4	-2.053	2.113	-45.8	2.946
248985.4	843498.0	93.1	28.390	21.257	36.8	35.467	1.3	28.223	1.842	2.124	49.1	2.811	1.4	-2.184	2.259	-46.0	3.142
248984.7	843497.3	93.2	28.549	21.423	36.9	35.693	1.2	28.403	1.843	2.123	49.0	2.812	1.4	-2.369	2.468	-46.2	3.421
248984.0	843496.6	93.4	28.706	21.589	36.9	35.919	1.0	28.583	1.844	2.123	49.0	2.812	1.4	-2.557	2.681	-46.4	3.705
248983.3	843495.9	93.4	28.675	21.578	37.0	35.886	1.0	28.557	1.842	2.119	49.0	2.808	1.3	-2.592	2.718	-46.4	3.756
248982.6	843495.2	93.6	28.874	21.783	37.0	36.169	0.9	28.783	1.844	2.119	49.0	2.809	1.3	-2.819	2.979	-46.6	4.101
248981.9	843494.4	93.8	29.101	22.016	37.1	36.491	0.7	29.038	1.846	2.120	49.0	2.812	1.4	-3.069	3.267	-46.8	4.482
248981.2	843493.7	93.9	29.252	22.177	37.2	36.708	0.6	29.212	1.848	2.121	48.9	2.813	1.4	-3.259	3.485	-46.9	4.772
248980.5	843493.0	94.0	29.242	22.186	37.2	36.705	0.6	29.209	1.846	2.118	48.9	2.809	1.4	-3.320	3.557	-47.0	4.866
248979.8	843492.3	94.1	29.232	22.195	37.2	36.704	0.6	29.208	1.845	2.115	48.9	2.806	1.4	-3.384	3.633	-47.0	4.965
248979.1	843491.6	94.2	29.307	22.284	37.2	36.817	0.5	29.298	1.845	2.114	48.9	2.806	1.4	-3.516	3.787	-47.1	5.168
248978.4	843490.9	94.3	29.283	22.280	37.3	36.796	0.5	29.281	1.843	2.111	48.9	2.803	1.4	-3.571	3.853	-47.2	5.253
248977.7	843490.1	94.4	29.389	22.399	37.3	36.951	0.4	29.405	1.845	2.112	48.9	2.804	1.4	-3.728	4.036	-47.3	5.494
248977.0	843489.4	94.5	29.392	22.420	37.3	36.967	0.4	29.417	1.844	2.110	48.8	2.802	1.5	-3.804	4.127	-47.3	5.613
248976.3	843488.7	94.5	29.338	22.387	37.3	36.904	0.4	29.367	1.842	2.107	48.8	2.798	1.5	-3.836	4.167	-47.4	5.664
248975.6	843488.0	94.5	29.152	22.228	37.3	36.659	0.5	29.173	1.837	2.101	48.8	2.791	1.5	-3.764	4.087	-47.4	5.556
248974.9	843487.3	94.5	28.936	22.041	37.3	36.375	0.5	28.946	1.832	2.094	48.8	2.782	1.4	-3.667	3.979	-47.3	5.411
248974.2	843486.5	94.5	28.720	21.853	37.3	36.089	0.6	28.718	1.826	2.088	48.8	2.774	1.4	-3.568	3.869	-47.3	5.263
248973.5	843485.8	94.6	28.782	21.930	37.3	36.184	0.6	28.794	1.827	2.088	48.8	2.775	1.5	-3.691	4.011	-47.4	5.451
248972.8	843485.1	94.7	28.745	21.913	37.3	36.145	0.6	28.763	1.826	2.086	48.8	2.773	1.5	-3.735	4.062	-47.4	5.518
248972.1	843484.4	94.5	28.240	21.450	37.2	35.463	0.8	28.220	1.814	2.074	48.8	2.755	1.5	-3.399	3.679	-47.3	5.009
248971.4	843483.7	94.5	28.071	21.308	37.2	35.242	0.9	28.045	1.810	2.069	48.8	2.749	1.5	-3.334	3.602	-47.2	4.908
248970.7	843483.0	94.6	27.923	21.184	37.2	35.050	0.9	27.892	1.807	2.065	48.8	2.744	1.5	-3.283	3.541	-47.2	4.829
248970.0	843482.2	94.5	27.705	20.994	37.2	34.760	1.0	27.661	1.802	2.060	48.8	2.737	1.5	-3.172	3.410	-47.1	4.657
248969.4	843481.5	94.5	27.521	20.836	37.1	34.519	1.1	27.469	1.798	2.056	48.8	2.731	1.5	-3.088	3.307	-47.0	4.525
248968.7	843480.8	94.6	27.377	20.717	37.1	34.332	1.2	27.320	1.795	2.054	48.8	2.727	1.6	-3.036	3.238	-46.8	4.439
248968.0	843480.1	94.6	27.286	20.646	37.1	34.217	1.2	27.229	1.793	2.052	48.9	2.725	1.6	-3.026	3.216	-46.7	4.416
248967.3	843479.4	94.5	26.894	20.293	37.0	33.691	1.4	26.811	1.785	2.045	48.9	2.715	1.6	-2.759	2.897	-46.4	4.001
248966.6	843478.6	94.4	26.484	19.923	37.0	33.141	1.6	26.373	1.778	2.038	48.9	2.705	1.6	-2.469	2.550	-45.9	3.550
248965.9	843477.9	94.3	26.217	19.688	36.9	32.787	1.7	26.091	1.773	2.035	48.9	2.699	1.7	-2.299	2.337	-45.5	3.278
248965.2	843477.2	94.3	25.994	19.494	36.9	32.492	1.8	25.857	1.770	2.033	49.0	2.695	1.7	-2.164	2.161	-45.0	3.059
248964.5	843476.5	94.4	25.944	19.461	36.9	32.432	1.8	25.808	1.769	2.034	49.0	2.696	1.8	-2.181	2.158	-44.7	3.068
248963.8	843475.8	94.5	26.059	19.583	36.9	32.597	1.7	25.940	1.771	2.039	49.0	2.701	1.8	-2.344	2.320	-44.7	3.298
248963.1	843475.1	94.7	26.133	19.667	37.0	32.707	1.6	26.027	1.772	2.043	49.1	2.705	1.9	-2.469	2.438	-44.6	3.470
248962.4	843474.3	94.8	26.136	19.684	37.0	32.719	1.6	26.037	1.773	2.046	49.1	2.707	1.9	-2.531	2.482	-44.4	3.545
248961.7	843473.6	94.8	26.108	19.672	37.0	32.689	1.6	26.013	1.773	2.048	49.1	2.709	2.0	-2.565	2.492	-44.2	3.576
248961.0	843472.9	94.9	26.065	19.645	37.0	32.639	1.6	25.973	1.772	2.051	49.2	2.710	2.0	-2.586	2.486	-43.9	3.587
248960.3	843472.2	95.0	26.020	19.618	37.0	32.587	1.6	25.932	1.772	2.053	49.2	2.712	2.0	-2.607	2.478	-43.5	3.597
248959.6	843471.5	95.1	25.975	19.589	37.0	32.534	1.6	25.889	1.771	2.054	49.2	2.713	2.1	-2.627	2.469	-43.2	3.605
248958.9	843470.8	95.2	26.014	19.640	37.1	32.596	1.6	25.939	1.772	2.057	49.3	2.715	2.1	-2.723	2.549	-43.1	3.730
248958.2	843470.0	95.4	26.205	19.834	37.1	32.865	1.4	26.153	1.776	2.063	49.3	2.722	2.1	-2.955	2.786	-43.3	4.061
248957.5	843469.3	95.4	26.039	19.690	37.1	32.645	1.5	25.978	1.772	2.061	49.3	2.718	2.1	-2.873	2.660	-42.8	3.915
248956.8	843468.6	95.5	26.093	19.755	37.1	32.728	1.5	26.044	1.773	2.063	49.3	2.720	2.1	-2.989	2.763	-42.8	4.070
248956.1	843467.9	95.5	25.953	19.637	37.1	32.545	1.5	25.899	1.770	2.061	49.3	2.716	2.1	-2.935	2.671	-42.3	3.968
248955.4	843467.2	95.6	25.953	19.651	37.1	32.553	1.5	25.905	1.768	2.060	49.4	2.715	2.1	-3.008	2.727	-42.2	4.060
248954.7	843466.4	95.7	25.901	19.615	37.1	32.490	1.5	25.855	1.766	2.058	49.4	2.712	2.1	-3.039	2.734	-42.0	4.088
248954.0	843465.7	95.8	25.853	19.583	37.1	32.433	1.5	25.809	1.763	2.056	49.4	2.708	2.1	-3.076	2.751	-41.8	4.127
248953.3	843465.0	95.8	25.740	19.490	37.1	32.286	1.5	25.693	1.759	2.052	49.4	2.703	2.1	-3.058	2.705	-41.5	4.083
248952.6	843464.3	95.9	25.668	19.435	37.1	32.196	1.5	25.621	1.755	2.048	49.4	2.697	2.1	-3.081	2.707	-41.3	4.101
248952.0	843463.6	96.0	25.648	19.429	37.1	32.176	1.5	25.605	1.752	2.044	49.4	2.692	2.1	-3.152	2.769	-41.3	4.196
248951.3	843462.9	96.1	25.573	19.371	37.1	32.081	1.6	25.529	1.748	2.039	49.4	2.686	2.1	-3.178	2.778	-41.2	4.221
248950.6	843462.1	96.0	25.367	19.189	37.1	31.807	1.6	25.311	1.741	2.032	49.4	2.676	2.2	-3.090	2.653	-40.7	4.073
248949.9	843461.4	96.0	25.149	18.997	37.1	31.518	1.7	25.081	1.734	2.024	49.4	2.665	2.2	-2.992	2.520	-40.1	3.912
248949.2	843460.7	96.1	25.121	18.983	37.1	31.486	1.7	25.056	1.730	2.019	49.4	2.658	2.2	-3.069	2.591	-40.2	4.017
248948.5	843460.0	96.2	25.057	18.935	37.1	31.407	1.7	24.993	1.725	2.013	49.4	2.651	2.2	-3.116	2.630	-40.2	4.077
248947.8	843459.3	96.2	24.769	18.677	37.0	31.021	1.9	24.686	1.716	2.003	49.4	2.638	2.2	-2.960	2.430	-39.4	3.830
248947.1	843458.5	96.2	24.604	18.534	37.0	30.804	1.9	24.513	1.709	1.995	49.4	2.627	2.2	-2.918	2.365	-39.0	3.756
248946.4	843457.8	96.2	24.410	18.363	37.0	30.546	2.0	24.308	1.702	1.987	49.4	2.616	2.2	-2.851	2.270	-38.5	3.644
248945.7	843457.1	96.2	24.283	18.256	36.9	30.380	2.1	24.176	1.696	1.979	49.4	2.607	2.2	-2.846	2.251	-38.3	3.628
248945.0	843456.4	96.3	24.228	18.216	36.9	30.313	2.1	24.122	1.691	1.973	49.4	2.599	2.2	-2.910	2.312	-38.5	3.717
248944.3	843455.7	96.3	24.008	18.021	36.9	30.019	2.2	23.888	1.683	1.964	49.4	2.586	2.3	-2.820	2.194	-37.9	3.573
248943.6	843455.0	96.3	23.808	17.846	36.9	29.754	2.3	23.678	1.675	1.955	49.4	2.575	2.3	-2.750	2.099	-37.3	3.460
248942.9	843454.2	96.3	23.711	17.766	36.8	29.628	2.3	23.577	1.669	1.948	49.4	2.565	2.3	-2.777	2.118	-37.3	3.492
248942.2	843453.5	96.3	23.473	17.555	36.8	29.312	2.4	23.325	1.660	1.939	49.4	2.553	2.3	-2.671	1.981	-36.6	3.325
248941.5	843452.8	96.3	23.210	17.315	36.7	28.957	2.6	23.044	1.644	1.926	49.5	2.532	2.4	-2.741	1.915	-34.9	3.344
248940.8	843452.1	96.4	23.249	17.362	36.8	29.016	2.5	23.090	1.640	1.921	49.5	2.526	2.4	-2.900	2.091	-35.8	3.575
248940.1	843451.4	96.6	23.325	17.443	36.8	29.126	2.5	23.178	1.637	1.917	49.5	2.521	2.4	-3.094	2.308	-36.7	3.860
248939.4	843450.6	96.6	23.236	17.371	36.8	29.011	2.5	23.086	1.632	1.910	49.5	2.512	2.4	-3.131	2.340	-36.8	3.908
248938.7	843449.9	96.7	23.090	17.246	36.8	28.820	2.6	22.934	1.625	1.902	49.5	2.501	2.4	-3.115	2.309	-36.5	3.878
248938.0	843449.2	96.7	22.938	17.115	36.7	28.620	2.6	22.775	1.617	1.894	49.5	2.491	2.4	-3.092	2.270	-36.3	3.836
248937.3	843448.5	96.7	22.692	16.895	36.7	28.291	2.7	22.513	1.608	1.884	49.5	2.478	2.5	-2.978	2.124	-35.5	3.657
248936.6	843447.8	96.6	22.422	16.655	36.6	27.930	2.9	22.226	1.599	1.874	49.5	2.464	2.5	-2.838	1.947	-34.5	3.442
248935.9	843447.1	96.7	22.319	16.569	36.6	27.797	2.9	22.120	1.593	1.867	49.5	2.454	2.5	-2.859	1.961	-34.4	3.468
248935.2	843446.3	96.7	22.272	16.536	36.6	27.739	2.9	22.074	1.587	1.861	49.5	2.446	2.5	-2.934	2.039	-34.8	3.573
248934.6	843445.6	96.8	22.195	16.474	36.6	27.641	2.9	21.996	1.582	1.855	49.5	2.437	2.5	-2.978	2.081	-34.9	3.633
248933.9	843444.9	96.9	22.121	16.416	36.6	27.547	2.9	21.921	1.576	1.848	49.5	2.429	2.5	-3.024	2.126	-35.1	3.697
248933.2	843444.2	96.9	21.996	16.309	36.6	27.383	3.0	21.791	1.569	1.841	49.5	2.419	2.6	-3.019	2.110	-34.9	3.684

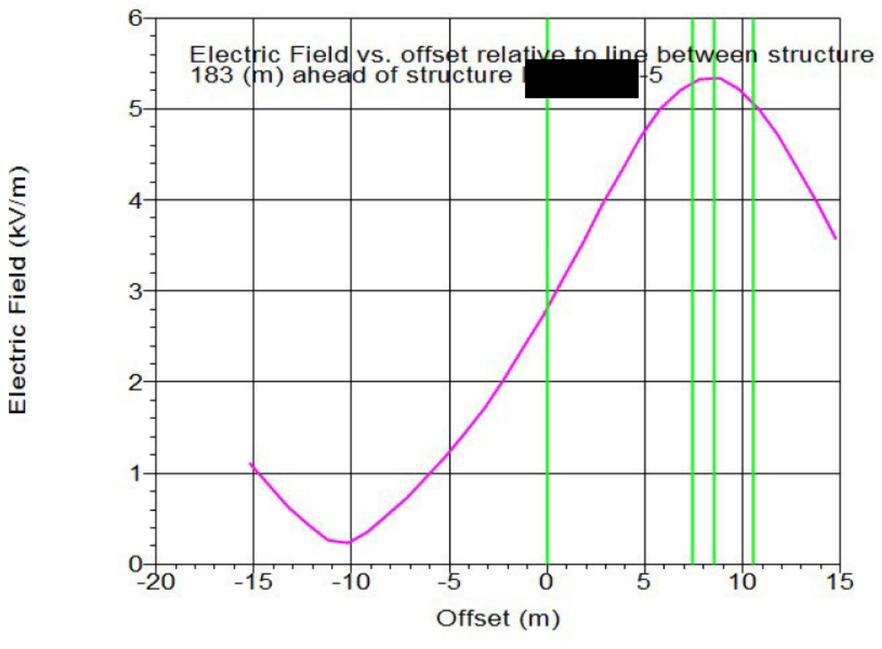
248932.5	843443.5	97.0	21.867	16.200	36.5	27.214	3.0	21.656	1.563	1.833	49.6	2.409	2.6	-3.009	2.089	-34.8	3.663
248931.8	843442.7	97.0	21.738	16.090	36.5	27.045	3.1	21.522	1.556	1.826	49.6	2.399	2.6	-2.997	2.066	-34.6	3.640
248931.1	843442.0	97.1	21.609	15.980	36.5	26.876	3.1	21.388	1.549	1.818	49.6	2.389	2.6	-2.984	2.040	-34.4	3.615
248930.4	843441.3	97.1	21.499	15.888	36.5	26.733	3.2	21.274	1.543	1.811	49.6	2.379	2.6	-2.986	2.035	-34.3	3.614
248929.7	843440.6	97.2	21.429	15.832	36.5	26.643	3.2	21.202	1.537	1.805	49.6	2.371	2.6	-3.025	2.073	-34.4	3.667
248929.0	843439.9	97.3	21.400	15.814	36.5	26.609	3.2	21.175	1.533	1.800	49.6	2.364	2.6	-3.103	2.158	-34.8	3.780
248928.3	843439.2	97.3	21.284	15.717	36.4	26.458	3.2	21.055	1.526	1.793	49.6	2.355	2.6	-3.093	2.140	-34.7	3.761
248927.6	843438.4	97.5	21.274	15.716	36.5	26.450	3.2	21.048	1.523	1.788	49.6	2.349	2.6	-3.184	2.242	-35.1	3.894
248926.9	843437.7	97.5	21.213	15.669	36.5	26.372	3.3	20.986	1.518	1.783	49.6	2.341	2.6	-3.223	2.281	-35.3	3.948
248926.2	843437.0	97.6	21.124	15.595	36.4	26.257	3.3	20.894	1.512	1.777	49.6	2.333	2.6	-3.230	2.285	-35.3	3.957
248925.5	843436.3	97.7	21.066	15.551	36.4	26.184	3.3	20.836	1.508	1.771	49.6	2.326	2.6	-3.265	2.322	-35.4	4.007
248924.8	843435.6	97.8	20.962	15.464	36.4	26.049	3.3	20.729	1.503	1.765	49.6	2.318	2.6	-3.252	2.303	-35.3	3.985
248924.1	843434.8	97.9	20.943	15.455	36.4	26.029	3.3	20.713	1.499	1.761	49.6	2.313	2.6	-3.318	2.378	-35.6	4.082
248923.4	843434.1	98.0	20.897	15.421	36.4	25.970	3.3	20.667	1.496	1.757	49.6	2.308	2.6	-3.353	2.417	-35.8	4.133
248922.7	843433.4	98.1	20.837	15.374	36.4	25.895	3.4	20.606	1.492	1.753	49.6	2.302	2.6	-3.371	2.437	-35.9	4.159
248922.0	843432.7	98.2	20.829	15.375	36.4	25.888	3.3	20.601	1.490	1.750	49.6	2.298	2.5	-3.435	2.512	-36.2	4.255
248921.3	843432.0	98.3	20.841	15.395	36.5	25.910	3.3	20.619	1.489	1.748	49.6	2.296	2.5	-3.514	2.606	-36.6	4.375
248920.6	843431.3	98.5	20.853	15.414	36.5	25.931	3.3	20.635	1.488	1.746	49.6	2.294	2.5	-3.588	2.693	-36.9	4.486
248919.9	843430.5	98.6	20.883	15.450	36.5	25.976	3.3	20.671	1.488	1.745	49.6	2.293	2.5	-3.675	2.796	-37.3	4.618
248919.2	843429.8	98.7	20.809	15.390	36.5	25.882	3.3	20.596	1.485	1.742	49.6	2.289	2.5	-3.657	2.774	-37.2	4.590
248918.5	843429.1	98.8	20.726	15.322	36.5	25.775	3.3	20.511	1.482	1.740	49.6	2.286	2.5	-3.626	2.737	-37.0	4.543
248917.8	843428.4	98.9	20.643	15.253	36.5	25.667	3.4	20.425	1.480	1.737	49.6	2.282	2.4	-3.589	2.693	-36.9	4.487
248917.2	843427.7	98.9	20.551	15.177	36.4	25.547	3.4	20.330	1.478	1.735	49.6	2.279	2.4	-3.538	2.632	-36.6	4.410
248916.5	843427.0	99.0	20.454	15.096	36.4	25.421	3.4	20.230	1.476	1.733	49.6	2.277	2.4	-3.478	2.560	-36.4	4.318
248915.8	843426.2	99.2	20.513	15.158	36.5	25.506	3.4	20.297	1.479	1.736	49.6	2.280	2.4	-3.564	2.661	-36.7	4.448
248915.1	843425.5	99.3	20.450	15.107	36.5	25.425	3.4	20.232	1.478	1.736	49.6	2.280	2.4	-3.526	2.614	-36.6	4.390
248914.4	843424.8	99.4	20.394	15.064	36.5	25.355	3.4	20.177	1.479	1.737	49.6	2.281	2.4	-3.492	2.571	-36.4	4.336
248913.7	843424.1	99.5	20.330	15.013	36.4	25.272	3.4	20.111	1.479	1.738	49.6	2.282	2.4	-3.444	2.510	-36.1	4.261
248913.0	843423.4	99.6	20.261	14.957	36.4	25.184	3.5	20.041	1.479	1.739	49.6	2.283	2.5	-3.387	2.438	-35.8	4.173
248912.3	843422.6	99.6	20.192	14.901	36.4	25.095	3.5	19.970	1.480	1.741	49.6	2.285	2.5	-3.325	2.360	-35.4	4.078
248911.6	843421.9	99.8	20.281	14.991	36.5	25.219	3.4	20.069	1.485	1.747	49.6	2.293	2.5	-3.417	2.463	-35.8	4.212
248910.9	843421.2	100.1	20.377	15.088	36.5	25.355	3.4	20.177	1.490	1.754	49.7	2.302	2.5	-3.513	2.570	-36.2	4.353
248910.2	843420.5	100.3	20.474	15.185	36.6	25.491	3.3	20.285	1.495	1.761	49.7	2.310	2.5	-3.606	2.673	-36.6	4.488
248909.5	843419.8	100.5	20.570	15.282	36.6	25.626	3.2	20.392	1.500	1.768	49.7	2.319	2.5	-3.696	2.772	-36.9	4.620
248908.8	843419.1	100.7	20.661	15.375	36.7	25.754	3.2	20.495	1.506	1.774	49.7	2.327	2.5	-3.779	2.863	-37.2	4.741
248908.1	843418.3	100.9	20.735	15.451	36.7	25.858	3.1	20.577	1.510	1.781	49.7	2.335	2.5	-3.843	2.931	-37.3	4.833
248907.4	843417.6	101.1	20.807	15.526	36.7	25.961	3.1	20.659	1.514	1.786	49.7	2.342	2.6	-3.906	2.997	-37.5	4.924
248906.7	843416.9	101.2	20.752	15.483	36.7	25.892	3.1	20.604	1.515	1.789	49.7	2.345	2.6	-3.845	2.916	-37.2	4.826
248906.0	843416.2	101.2	20.626	15.372	36.7	25.724	3.1	20.470	1.515	1.789	49.8	2.344	2.6	-3.714	2.750	-36.5	4.621
248905.3	843415.5	101.3	20.572	15.330	36.7	25.656	3.2	20.416	1.515	1.791	49.8	2.346	2.7	-3.654	2.669	-36.2	4.525
248904.6	843414.7	101.5	20.649	15.409	36.7	25.764	3.1	20.503	1.519	1.796	49.8	2.352	2.7	-3.722	2.742	-36.4	4.623
248903.9	843414.0	101.7	20.724	15.487	36.8	25.872	3.1	20.588	1.522	1.801	49.8	2.358	2.7	-3.791	2.815	-36.6	4.722
248903.2	843413.3	101.9	20.800	15.565	36.8	25.979	3.0	20.673	1.526	1.805	49.8	2.363	2.7	-3.860	2.889	-36.8	4.822
248902.5	843412.6	102.1	20.803	15.576	36.8	25.988	3.0	20.681	1.527	1.807	49.8	2.366	2.7	-3.861	2.881	-36.7	4.817
248901.8	843411.9	102.2	20.800	15.581	36.8	25.989	3.0	20.682	1.528	1.809	49.8	2.368	2.7	-3.856	2.868	-36.6	4.806
248901.1	843411.2	102.4	20.797	15.585	36.8	25.989	3.0	20.681	1.529	1.810	49.8	2.369	2.7	-3.853	2.856	-36.5	4.796
248900.4	843410.4	102.5	20.791	15.587	36.9	25.985	3.0	20.678	1.529	1.811	49.8	2.370	2.8	-3.849	2.843	-36.4	4.785
248899.8	843409.7	102.7	20.835	15.636	36.9	26.050	2.9	20.730	1.530	1.813	49.8	2.373	2.8	-3.896	2.890	-36.6	4.851
248899.1	843409.0	102.9	20.948	15.750	36.9	26.208	2.9	20.856	1.534	1.817	49.8	2.377	2.8	-4.011	3.021	-37.0	5.021
248898.4	843408.3	103.1	20.970	15.778	37.0	26.243	2.9	20.884	1.534	1.818	49.8	2.379	2.8	-4.039	3.047	-37.0	5.060
248897.7	843407.6	103.2	20.935	15.752	37.0	26.199	2.9	20.848	1.533	1.817	49.8	2.378	2.8	-4.013	3.008	-36.9	5.015
248897.0	843406.8	103.3	20.855	15.685	36.9	26.094	2.9	20.765	1.531	1.815	49.9	2.375	2.8	-3.945	2.919	-36.5	4.907
248896.3	843406.1	103.4	20.733	15.578	36.9	25.933	2.9	20.637	1.528	1.813	49.9	2.370	2.9	-3.837	2.782	-35.9	4.739
248895.6	843405.4	103.5	20.611	15.471	36.9	25.772	3.0	20.509	1.524	1.810	49.9	2.366	2.9	-3.730	2.645	-35.3	4.572
248894.9	843404.7	103.6	20.602	15.470	36.9	25.763	3.0	20.502	1.524	1.809	49.9	2.365	2.9	-3.734	2.642	-35.3	4.574
248894.2	843404.0	103.7	20.549	15.428	36.9	25.696	3.0	20.448	1.522	1.808	49.9	2.363	3.0	-3.696	2.590	-35.0	4.513
248893.5	843403.3	103.9	20.571	15.456	36.9	25.730	3.0	20.475	1.522	1.808	49.9	2.363	3.0	-3.733	2.627	-35.1	4.565
248892.8	843402.5	104.2	20.702	15.586	37.0	25.913	2.9	20.621	1.525	1.811	49.9	2.368	3.0	-3.878	2.794	-35.8	4.780
248892.1	843401.8	104.4	20.845	15.726	37.0	26.112	2.8	20.779	1.529	1.815	49.9	2.373	3.0	-4.033	2.973	-36.4	5.010
248891.4	843401.1	104.7	20.961	15.843	37.1	26.275	2.8	20.909	1.532	1.818	49.9	2.377	3.0	-4.162	3.121	-36.9	5.202
248890.7	843400.4	104.9	21.013	15.899	37.1	26.350	2.7	20.969	1.533	1.820	49.9	2.379	3.0	-4.228	3.193	-37.1	5.298
248890.0	843399.7	105.1	21.156	15.992	37.1	26.520	2.7	21.104	1.545	1.830	49.8	2.395	3.0	-4.144	3.147	-37.2	5.204
248889.3	843398.9	105.3	21.285	16.121	37.1	26.701	2.6	21.248	1.549	1.834	49.8	2.401	3.0	-4.282	3.306	-37.7	5.410
248888.6	843398.2	105.5	21.306	16.147	37.2	26.734	2.6	21.274	1.550	1.836	49.8	2.402	3.0	-4.316	3.339	-37.7	5.457
248887.9	843397.5	105.5	21.076	15.937	37.1	26.424	2.7	21.027	1.543	1.830	49.9	2.394	3.1	-4.109	3.084	-36.9	5.138
248887.2	843396.8	105.5	20.849	15.729	37.0	26.117	2.8	20.783	1.537	1.825	49.9	2.386	3.1	-3.902	2.827	-35.9	4.818
248886.5	843396.1	105.5	20.621	15.521	37.0	25.810	2.9	20.539	1.531	1.820	49.9	2.378	3.2	-3.690	2.564	-34.8	4.493
248885.8	843395.4	105.7	20.692	15.595	37.0	25.911	2.9	20.619	1.534	1.823	49.9	2.382	3.2	-3.772	2.655	-35.1	4.613
248885.1	843394.6	106.0	20.871	15.769	37.1	26.158	2.8	20.816	1.540	1.829	49.9	2.391	3.2	-3.957	2.871	-36.0	4.889
248884.4	843393.9	106.3	20.994	15.891	37.1	26.331	2.7	20.953	1.544	1.834	49.9	2.398	3.2	-4.087	3.021	-36.5	5.082
248883.7	843393.2	106.4	20.999	15.902	37.1	26.341	2.7	20.962	1.545	1.836	49.9	2.400	3.2	-4.101	3.031	-36.5	5.099
248883.0	843392.5	106.6	21.018	15.926	37.2	26.371	2.7	20.985	1.547	1.838	49.9	2.402	3.3	-4.127	3.057	-36.5	5.136
248882.4	843391.8	106.9	21.151	16.058	37.2	26.556	2.6	21.133	1.552	1.843	49.9	2.410	3.3	-4.262	3.214	-37.0	5.338
248881.7	843391.0	107.1	21.270	16.176	37.3	26.722	2.6	21.265	1.557	1.848	49.9	2.417	3.3	-4.382	3.353	-37.4	5.518
248881.0	843390.3	107.4	21.406	16.312	37.3	26.913	2.5	21.416	1.562	1.854	49.9	2.425	3.3	-4.517	3.512	-37.9	5.721
248880.3	843389.6	107.6	21.465	16.373	37.3	26.997	2.4	21.483	1.565	1.857	49.9	2.429	3.3	-4.577	3.581	-38.0	5.811
248879.6	843388.9	107.7	21.416	16.334	37.3	26.934	2.5	21.434	1.565	1.858	49.9	2.429	3.3	-4.536	3.530	-37.9	5.748
248878.9	843388.2	108.1	21.701	16.610	37.4	27.328	2.3	21.747	1.575	1.868	49.9	2.443	3.3	-4.805	3.853	-38.7	6.160
248878.2	843387.5	108.3	21.836	16.744	37.5	27.517	2.2	21.897	1.581	1.873	49.8	2.451	3.2	-4.932	4.006	-39.1	6.355
248877.5	843386.7	108.4	21.747	16.665	37.5	27.398	2.3	21.803	1.580	1.872	49.8	2.449	3.3	-4.853	3.912	-38.9	6.233
248876.8	843386.0	108.5	21.615	16.546	37.4	27.221	2.3	21.662	1.577	1.869	49.8	2.446	3.3	-4.733	3.768	-38.5	6.050
248876.1	843385.3	108.6	21.452	16.397	37.4	27.001	2.4	21.486	1.574	1.866	49.9	2.441	3.3	-4.582	3.588	-38.1	5.819
248875.4	843384.6	108.8	21.444	16.395	37.4	26.993	2.4	21.481	1.575	1.867	49.9	2.443	3.3	-4.575	3.583	-38.1	5.811
248874.7	843383.9	109.3	22.008	16.938	37.6	27.771	2.1	22.099	1.595	1.885	49.8	2.469	3.2	-5.096	4.218	-39.6	6.615
248874.0	843383.2	109.6	22.257	17.181	37.7	28.117	2.0	22.375	1.605	1.895	49.7	2.483	3.2	-5.320	4.494	-40.2	6.964
248873.3	843382.4	109.8	22.261	17.191	37.7	28.126	2.0	22.382	1.606	1.896	49.7	2.485	3.2	-5.323	4.504	-40.2	6.972
248872.6	843381.7	110.0	22.263	17.199	37.7	28.133	2.0	22.387	1.608	1.898	49.7	2.488	3.2	-5.324	4.513	-40.3	6.979

248871.9	843381.0	110.2	22.412	17.346	37.7	28.340	1.9	22.553	1.615	1.904	49.7	2.497	3.1	-5.455	4.680	-40.6	7.187
248871.2	843380.3	110.3	22.244	17.192	37.7	28.113	2.0	22.372	1.612	1.900	49.7	2.491	3.1	-5.304	4.507	-40.4	6.960
248870.5	843379.6	110.5	22.215	17.169	37.7	28.076	2.0	22.342	1.613	1.900	49.7	2.492	3.1	-5.276	4.483	-40.4	6.923
248869.8	843378.8	110.7	22.258	17.215	37.7	28.139	2.0	22.392	1.616	1.903	49.7	2.497	3.1	-5.313	4.538	-40.5	6.987
248869.1	843378.1	110.9	22.290	17.251	37.7	28.186	2.0	22.430	1.619	1.905	49.6	2.500	3.1	-5.341	4.583	-40.6	7.038
248868.4	843377.4	111.0	22.202	17.172	37.7	28.068	2.0	22.335	1.618	1.904	49.6	2.498	3.1	-5.261	4.499	-40.5	6.923
248867.7	843376.7	111.1	22.093	17.074	37.7	27.922	2.0	22.219	1.617	1.901	49.6	2.496	3.1	-5.163	4.394	-40.4	6.780
248867.0	843376.0	111.2	21.956	16.947	37.7	27.735	2.1	22.071	1.614	1.898	49.6	2.492	3.1	-5.038	4.257	-40.2	6.596
248866.3	843375.3	111.4	21.985	16.980	37.7	27.779	2.1	22.106	1.617	1.900	49.6	2.495	3.1	-5.069	4.308	-40.4	6.652
248865.6	843374.5	111.6	22.058	17.054	37.7	27.882	2.1	22.188	1.620	1.902	49.6	2.499	3.1	-5.141	4.409	-40.6	6.772
248865.0	843373.8	111.7	21.897	16.905	37.7	27.663	2.1	22.014	1.617	1.898	49.6	2.493	3.1	-5.000	4.254	-40.4	6.564
248864.3	843373.1	111.9	21.856	16.871	37.7	27.610	2.1	21.972	1.617	1.897	49.6	2.492	3.1	-4.972	4.235	-40.4	6.531
248863.6	843372.4	112.0	21.769	16.792	37.6	27.493	2.2	21.878	1.615	1.894	49.5	2.489	3.1	-4.903	4.168	-40.4	6.435
248862.9	843371.7	112.2	21.743	16.771	37.6	27.460	2.2	21.852	1.615	1.892	49.5	2.488	3.1	-4.894	4.174	-40.5	6.432
248862.2	843370.9	112.3	21.695	16.730	37.6	27.397	2.2	21.801	1.614	1.890	49.5	2.485	3.1	-4.869	4.160	-40.5	6.404
248861.5	843370.2	112.4	21.499	16.547	37.6	27.129	2.3	21.588	1.608	1.882	49.5	2.476	3.1	-4.705	3.981	-40.2	6.163
248860.8	843369.5	112.4	21.304	16.365	37.5	26.864	2.4	21.377	1.602	1.875	49.5	2.466	3.1	-4.544	3.806	-39.9	5.927
248860.1	843368.8	112.6	21.229	16.297	37.5	26.763	2.4	21.298	1.600	1.870	49.5	2.461	3.1	-4.503	3.775	-40.0	5.876
248859.4	843368.1	112.7	21.196	16.269	37.5	26.720	2.5	21.263	1.597	1.866	49.4	2.456	3.1	-4.507	3.798	-40.1	5.894
248858.7	843367.4	112.9	21.154	16.233	37.5	26.664	2.5	21.219	1.595	1.861	49.4	2.451	3.1	-4.507	3.816	-40.3	5.906
248858.0	843366.6	112.9	20.955	16.047	37.4	26.394	2.6	21.004	1.588	1.852	49.4	2.439	3.1	-4.357	3.656	-40.0	5.688
248857.3	843365.9	113.0	20.713	15.821	37.4	26.064	2.7	20.741	1.579	1.841	49.4	2.425	3.1	-4.166	3.447	-39.6	5.407
248856.6	843365.2	113.0	20.466	15.589	37.3	25.727	2.8	20.473	1.570	1.830	49.4	2.411	3.1	-3.971	3.233	-39.2	5.121
248855.9	843364.5	113.0	20.220	15.359	37.2	25.392	3.0	20.206	1.561	1.818	49.4	2.396	3.2	-3.777	3.022	-38.7	4.838
248855.2	843363.8	113.1	20.052	15.203	37.2	25.164	3.0	20.025	1.553	1.808	49.3	2.383	3.2	-3.669	2.913	-38.4	4.685
248854.5	843363.0	113.2	19.928	15.088	37.1	24.995	3.1	19.890	1.546	1.798	49.3	2.371	3.1	-3.610	2.862	-38.4	4.607
248853.8	843362.3	113.2	19.764	14.936	37.1	24.773	3.2	19.713	1.538	1.787	49.3	2.357	3.1	-3.514	2.766	-38.2	4.472
248853.1	843361.6	113.3	19.560	14.746	37.0	24.496	3.3	19.493	1.529	1.774	49.3	2.342	3.2	-3.377	2.622	-37.8	4.276
248852.4	843360.9	113.3	19.341	14.542	36.9	24.198	3.4	19.256	1.519	1.762	49.2	2.326	3.2	-3.226	2.460	-37.3	4.057
248851.7	843360.2	113.3	19.166	14.379	36.9	23.960	3.5	19.067	1.509	1.749	49.2	2.310	3.2	-3.126	2.358	-37.0	3.916
248851.0	843359.5	113.4	18.998	14.223	36.8	23.732	3.6	18.886	1.500	1.737	49.2	2.295	3.2	-3.038	2.269	-36.8	3.791
248850.3	843358.7	113.5	18.837	14.073	36.8	23.514	3.7	18.712	1.490	1.724	49.2	2.279	3.2	-2.959	2.190	-36.5	3.682
248849.6	843358.0	113.5	18.696	13.942	36.7	23.322	3.8	18.559	1.481	1.712	49.1	2.263	3.2	-2.906	2.141	-36.4	3.609
248848.9	843357.3	113.6	18.555	13.811	36.7	23.131	3.9	18.407	1.471	1.699	49.1	2.247	3.1	-2.856	2.093	-36.2	3.540
248848.2	843356.6	113.7	18.393	13.660	36.6	22.910	4.0	18.232	1.461	1.686	49.1	2.231	3.1	-2.782	2.017	-35.9	3.437
248847.6	843355.9	113.7	18.235	13.513	36.5	22.696	4.1	18.061	1.451	1.672	49.1	2.214	3.1	-2.716	1.948	-35.6	3.342
248846.9	843355.1	113.7	18.065	13.355	36.5	22.466	4.2	17.878	1.440	1.659	49.0	2.197	3.2	-2.637	1.862	-35.2	3.228
248846.2	843354.4	113.8	17.873	13.177	36.4	22.206	4.4	17.671	1.429	1.645	49.0	2.179	3.2	-2.531	1.744	-34.6	3.074
248845.5	843353.7	113.8	17.688	13.006	36.3	21.955	4.5	17.471	1.418	1.632	49.0	2.161	3.2	-2.433	1.634	-33.9	2.931
248844.8	843353.0	113.8	17.518	12.849	36.3	21.725	4.6	17.289	1.407	1.618	49.0	2.145	3.2	-2.353	1.543	-33.2	2.814
248844.1	843352.3	113.9	17.432	12.769	36.2	21.609	4.7	17.196	1.398	1.607	49.0	2.130	3.2	-2.374	1.568	-33.4	2.845
248843.4	843351.6	113.9	17.291	12.640	36.2	21.419	4.8	17.044	1.388	1.594	49.0	2.114	3.2	-2.327	1.512	-33.0	2.775
248842.7	843350.8	113.9	17.113	12.477	36.1	21.179	4.9	16.853	1.377	1.582	49.0	2.098	3.2	-2.232	1.398	-32.1	2.633
248842.0	843350.1	113.9	16.970	12.346	36.0	20.986	5.0	16.700	1.368	1.571	49.0	2.083	3.2	-2.176	1.330	-31.4	2.550
248841.3	843349.4	114.0	16.899	12.282	36.0	20.890	5.1	16.624	1.360	1.562	49.0	2.071	3.2	-2.207	1.361	-31.7	2.593
248840.6	843348.7	114.1	16.802	12.195	36.0	20.761	5.1	16.521	1.352	1.552	49.0	2.058	3.2	-2.203	1.349	-31.5	2.583
248839.9	843348.0	114.1	16.703	12.107	35.9	20.630	5.2	16.416	1.344	1.544	49.0	2.047	3.2	-2.192	1.328	-31.2	2.563
248839.2	843347.2	114.3	16.735	12.137	36.0	20.673	5.2	16.451	1.339	1.538	49.0	2.039	3.2	-2.340	1.489	-32.5	2.773
248838.5	843346.5	114.3	16.626	12.042	35.9	20.529	5.3	16.337	1.332	1.532	49.0	2.030	3.2	-2.306	1.439	-32.0	2.719
248837.8	843345.8	114.3	16.514	11.944	35.9	20.381	5.3	16.218	1.326	1.526	49.0	2.022	3.2	-2.262	1.376	-31.3	2.648

Max EF along centerline is 2.813 (kV/m) at 183.000 (m) from structure [redacted]-5

Cross section results at max EF along centerline between structures [redacted]-5 and [redacted]-6





3D EMF Point Results Span from [redacted]-5 to [redacted]-6:

Measurement			B					H	EF					Space Potential			
X (m)	Y (m)	Z (m)	Real (uT)	Imaginary (uT)	Angle (deg)	Magnitude (uT)	Polarization Axial Ratio %	Magnitude (A/m)	Real (kV/m)	Imaginary (kV/m)	Angle (deg)	Magnitude (kV/m)	Polarization Axial Ratio %	Real (kV)	Imaginary (kV)	Angle (deg)	Magnitude (kV)
248998.4	843489.6	94.7	27.871	14.091	26.8	31.231	5.9	24.853	1.064	0.333	17.4	1.115	4.0	0.361	0.084	13.1	0.371
248997.6	843490.3	94.5	27.068	14.116	27.5	30.527	5.8	24.293	0.822	0.243	16.5	0.857	5.7	0.182	0.183	45.2	0.258
248996.9	843491.0	94.2	26.294	14.119	28.2	29.845	5.5	23.750	0.601	0.149	14.0	0.620	8.2	-0.019	0.282	-86.1	0.283
248996.2	843491.7	94.2	25.990	14.359	28.9	29.693	5.4	23.629	0.416	0.090	12.2	0.425	17.1	-0.041	0.339	-83.1	0.342
248995.5	843492.4	94.1	25.676	14.576	29.6	29.524	5.1	23.495	0.248	0.112	24.4	0.272	43.8	-0.134	0.416	-72.1	0.437
248994.8	843493.1	94.0	25.518	14.874	30.2	29.537	4.9	23.505	0.134	0.203	56.6	0.243	65.4	-0.233	0.504	-65.2	0.556
248994.1	843493.8	93.9	25.437	15.211	30.9	29.638	4.5	23.585	0.170	0.313	61.5	0.356	22.8	-0.353	0.601	-59.6	0.697
248993.3	843494.5	93.8	25.464	15.614	31.5	29.870	4.1	23.769	0.303	0.436	55.2	0.531	10.6	-0.488	0.712	-55.6	0.863
248992.6	843495.2	93.6	25.583	16.078	32.1	30.216	3.7	24.045	0.454	0.573	51.6	0.731	6.1	-0.638	0.835	-52.6	1.050

248991.9	843495.9	93.5	25.701	16.541	32.8	30.564	3.1	24.322	0.612	0.724	49.8	0.948	4.0	-0.763	0.925	-50.5	1.199
248991.2	843496.6	93.3	25.885	17.055	33.4	30.998	2.5	24.667	0.780	0.893	48.9	1.186	2.9	-0.878	1.006	-48.9	1.335
248990.5	843497.3	93.1	26.156	17.643	34.0	31.550	1.8	25.107	0.958	1.081	48.5	1.445	2.3	-1.003	1.101	-47.7	1.489
248989.7	843498.0	93.0	26.560	18.349	34.6	32.282	1.2	25.689	1.147	1.292	48.4	1.728	1.9	-1.180	1.258	-46.8	1.725
248989.0	843498.7	92.9	27.045	19.140	35.3	33.132	0.4	26.366	1.350	1.526	48.5	2.037	1.6	-1.394	1.457	-46.3	2.016
248988.3	843499.4	92.9	27.570	19.984	35.9	34.051	0.4	27.097	1.566	1.784	48.7	2.374	1.5	-1.623	1.678	-46.0	2.334
248987.6	843500.1	92.8	28.110	20.864	36.6	35.007	1.3	27.858	1.794	2.067	49.0	2.737	1.4	-1.858	1.911	-45.8	2.665
248986.9	843500.7	92.8	28.775	21.883	37.3	36.151	2.2	28.768	2.035	2.372	49.4	3.125	1.3	-2.206	2.279	-45.9	3.172
248986.2	843501.4	92.8	29.424	22.915	37.9	37.294	3.3	29.678	2.284	2.693	49.7	3.531	1.3	-2.569	2.670	-46.1	3.705
248985.4	843502.1	92.7	29.907	23.809	38.5	38.227	4.5	30.420	2.532	3.017	50.0	3.939	1.4	-2.830	2.942	-46.1	4.082
248984.7	843502.8	92.7	30.265	24.595	39.1	38.999	5.8	31.034	2.772	3.331	50.2	4.334	1.4	-3.045	3.155	-46.0	4.385
248984.0	843503.5	92.6	30.483	25.248	39.6	39.581	7.3	31.497	2.995	3.616	50.4	4.695	1.5	-3.223	3.313	-45.8	4.622
248983.3	843504.2	92.5	30.393	25.579	40.1	39.724	8.8	31.611	3.184	3.846	50.4	4.993	1.6	-3.227	3.248	-45.2	4.579
248982.6	843504.9	92.4	30.115	25.702	40.5	39.592	10.5	31.506	3.332	4.006	50.3	5.211	1.7	-3.189	3.112	-44.3	4.456
248981.8	843505.6	92.4	29.667	25.626	40.8	39.202	12.2	31.196	3.429	4.080	50.0	5.329	1.8	-3.138	2.943	-43.2	4.302
248981.1	843506.3	92.4	29.221	25.538	41.2	38.808	13.9	30.883	3.472	4.063	49.5	5.344	2.1	-3.262	2.959	-42.2	4.404
248980.4	843507.0	92.2	27.995	24.534	41.2	37.225	15.8	29.622	3.444	3.927	48.8	5.224	2.1	-2.713	2.182	-38.8	3.481
248979.7	843507.7	92.1	26.637	23.339	41.2	35.415	17.6	28.182	3.362	3.707	47.8	5.005	2.1	-2.123	1.382	-33.1	2.533
248979.0	843508.4	92.0	25.474	22.333	41.2	33.877	19.3	26.959	3.238	3.425	46.6	4.713	2.1	-1.865	0.969	-27.5	2.101
248978.3	843509.1	92.0	24.365	21.355	41.2	32.399	21.1	25.782	3.076	3.095	45.2	4.364	2.3	-1.764	0.732	-22.5	1.910
248977.5	843509.8	91.9	22.993	20.034	41.1	30.496	22.8	24.268	2.885	2.734	43.5	3.974	2.3	-1.379	0.234	-9.6	1.399
248976.8	843510.5	91.8	21.680	18.753	40.9	28.666	24.4	22.811	2.677	2.367	41.5	3.574	2.2	-1.083	-0.140	7.4	1.092

Centerline results between structures [redacted]-6 and [redacted]-7

3D EMF Point Results Centerline from [redacted]-6 to [redacted]-7:

Measurement			B					H	EF					Space Potential			
X (m)	Y (m)	Z (m)	Real (uT)	Imaginary (uT)	Angle (deg)	Magnitude (uT)	Polarization Axial Ratio %	Magnitude (A/m)	Real (kV/m)	Imaginary (kV/m)	Angle (deg)	Magnitude (kV/m)	Polarization Axial Ratio %	Real (kV)	Imaginary (kV)	Angle (deg)	Magnitude (kV)
248838.1	843346.1	114.3	16.558	11.982	35.9	20.438	5.3	16.264	1.329	1.528	49.0	2.025	3.2	-2.275	1.396	-31.5	2.669
248837.4	843345.4	114.3	16.461	11.899	35.9	20.311	5.4	16.163	1.323	1.523	49.0	2.018	3.2	-2.248	1.352	-31.0	2.623
248836.7	843344.7	114.3	16.373	11.825	35.8	20.197	5.4	16.072	1.318	1.520	49.1	2.012	3.2	-2.226	1.311	-30.5	2.583
248836.0	843344.0	114.3	16.294	11.759	35.8	20.094	5.4	15.990	1.314	1.517	49.1	2.007	3.2	-2.208	1.276	-30.0	2.550
248835.3	843343.3	114.3	16.210	11.691	35.8	19.986	5.5	15.904	1.310	1.515	49.1	2.003	3.2	-2.179	1.225	-29.3	2.499
248834.6	843342.5	114.3	16.151	11.645	35.8	19.912	5.5	15.845	1.307	1.514	49.2	2.000	3.2	-2.174	1.202	-28.9	2.485
248833.9	843341.8	114.3	16.115	11.620	35.8	19.868	5.5	15.810	1.305	1.514	49.2	1.998	3.2	-2.192	1.204	-28.8	2.501
248833.2	843341.1	114.4	16.086	11.602	35.8	19.833	5.4	15.783	1.303	1.514	49.3	1.998	3.2	-2.212	1.208	-28.6	2.521
248832.5	843340.4	114.4	16.076	11.601	35.8	19.825	5.4	15.776	1.302	1.516	49.3	1.998	3.2	-2.250	1.232	-28.7	2.565
248831.9	843339.7	114.5	16.138	11.666	35.9	19.913	5.4	15.847	1.303	1.519	49.4	2.001	3.2	-2.371	1.353	-29.7	2.730
248831.2	843338.9	114.6	16.207	11.737	35.9	20.011	5.3	15.924	1.304	1.522	49.4	2.005	3.2	-2.492	1.474	-30.6	2.895
248830.5	843338.2	114.7	16.282	11.814	36.0	20.117	5.2	16.008	1.306	1.527	49.5	2.009	3.2	-2.614	1.594	-31.4	3.061
248829.8	843337.5	114.9	16.363	11.896	36.0	20.231	5.2	16.099	1.308	1.531	49.5	2.014	3.2	-2.734	1.712	-32.1	3.226
248829.1	843336.8	114.9	16.430	11.965	36.1	20.325	5.1	16.174	1.310	1.536	49.5	2.019	3.2	-2.830	1.801	-32.5	3.355
248828.4	843336.1	115.0	16.485	12.024	36.1	20.404	5.1	16.237	1.312	1.541	49.6	2.024	3.2	-2.905	1.865	-32.7	3.452
248827.7	843335.4	115.1	16.538	12.080	36.1	20.480	5.0	16.298	1.315	1.547	49.6	2.030	3.2	-2.971	1.917	-32.8	3.535
248827.0	843334.6	115.2	16.595	12.140	36.2	20.562	4.9	16.362	1.317	1.553	49.7	2.036	3.2	-3.033	1.964	-32.9	3.614
248826.3	843333.9	115.2	16.655	12.203	36.2	20.647	4.9	16.430	1.320	1.559	49.7	2.043	3.2	-3.092	2.006	-33.0	3.686
248825.6	843333.2	115.3	16.684	12.236	36.3	20.690	4.9	16.465	1.323	1.565	49.8	2.049	3.2	-3.108	1.997	-32.7	3.694
248824.9	843332.5	115.3	16.744	12.298	36.3	20.774	4.8	16.532	1.327	1.572	49.8	2.057	3.2	-3.151	2.018	-32.6	3.742
248824.2	843331.8	115.4	16.770	12.329	36.3	20.814	4.8	16.563	1.330	1.580	49.9	2.065	3.2	-3.149	1.984	-32.2	3.722
248823.5	843331.1	115.4	16.769	12.334	36.3	20.816	4.8	16.565	1.333	1.587	50.0	2.073	3.2	-3.108	1.902	-31.5	3.644
248822.8	843330.3	115.4	16.801	12.369	36.4	20.863	4.8	16.602	1.338	1.596	50.0	2.082	3.3	-3.096	1.853	-30.9	3.608
248822.1	843329.6	115.5	16.849	12.419	36.4	20.932	4.7	16.657	1.343	1.606	50.1	2.094	3.3	-3.094	1.815	-30.4	3.587
248821.4	843328.9	115.5	16.883	12.455	36.4	20.980	4.7	16.695	1.349	1.617	50.2	2.106	3.3	-3.066	1.745	-29.6	3.528
248820.7	843328.2	115.6	17.045	12.608	36.5	21.201	4.6	16.872	1.359	1.632	50.2	2.124	3.4	-3.170	1.833	-30.0	3.662
248820.0	843327.5	116.0	17.406	12.944	36.6	21.691	4.4	17.262	1.375	1.654	50.3	2.150	3.4	-3.478	2.167	-31.9	4.098
248819.3	843326.7	116.3	17.793	13.305	36.8	22.217	4.2	17.680	1.392	1.677	50.3	2.180	3.5	-3.795	2.514	-33.5	4.552
248818.6	843326.0	116.6	18.150	13.639	36.9	22.704	4.1	18.067	1.410	1.700	50.3	2.209	3.5	-4.065	2.806	-34.6	4.939
248817.9	843325.3	116.7	18.349	13.827	37.0	22.976	4.0	18.284	1.423	1.720	50.4	2.232	3.5	-4.163	2.889	-34.8	5.068
248817.2	843324.6	116.8	18.516	13.985	37.1	23.204	3.9	18.465	1.435	1.738	50.5	2.254	3.6	-4.221	2.924	-34.7	5.135
248816.5	843323.9	117.1	18.822	14.273	37.2	23.622	3.7	18.798	1.452	1.761	50.5	2.283	3.6	-4.410	3.121	-35.3	5.402
248815.8	843323.2	117.2	18.961	14.406	37.2	23.813	3.7	18.950	1.464	1.780	50.6	2.305	3.6	-4.428	3.109	-35.1	5.410
248815.1	843322.4	117.4	19.226	14.656	37.3	24.175	3.5	19.238	1.480	1.801	50.6	2.331	3.6	-4.562	3.244	-35.4	5.598
248814.5	843321.7	117.6	19.513	14.927	37.4	24.568	3.4	19.551	1.496	1.823	50.6	2.359	3.6	-4.713	3.402	-35.8	5.812
248813.8	843321.0	117.7	19.755	15.156	37.5	24.899	3.3	19.814	1.511	1.843	50.6	2.383	3.6	-4.816	3.504	-36.0	5.956
248813.1	843320.3	117.9	20.024	15.410	37.6	25.267	3.1	20.107	1.527	1.863	50.7	2.408	3.6	-4.941	3.637	-36.4	6.136
248812.4	843319.6	118.1	20.310	15.680	37.7	25.658	3.0	20.418	1.542	1.882	50.7	2.433	3.5	-5.080	3.792	-36.7	6.339
248811.7	843318.8	118.3	20.547	15.905	37.7	25.984	2.9	20.677	1.556	1.899	50.7	2.455	3.5	-5.173	3.894	-37.0	6.475
248811.0	843318.1	118.4	20.783	16.129	37.8	26.307	2.8	20.934	1.569	1.915	50.7	2.475	3.4	-5.265	3.999	-37.2	6.612
248810.3	843317.4	118.5	20.924	16.263	37.9	26.501	2.7	21.089	1.579	1.927	50.7	2.491	3.4	-5.273	4.004	-37.2	6.621
248809.6	843316.7	118.6	21.002	16.338	37.9	26.608	2.7	21.174	1.586	1.936	50.7	2.503	3.4	-5.228	3.946	-37.0	6.550
248808.9	843316.0	118.6	21.032	16.367	37.9	26.650	2.7	21.208	1.592	1.943	50.7	2.512	3.3	-5.143	3.843	-36.8	6.420
248808.2	843315.3	118.6	21.001	16.337	37.9	26.607	2.7	21.173	1.595	1.948	50.7	2.517	3.3	-5.007	3.680	-36.3	6.213
248807.5	843314.5	118.5	20.972	16.311	37.9	26.568	2.7	21.142	1.598	1.951	50.7	2.522	3.3	-4.877	3.530	-35.9	6.021
248806.8	843313.8	118.5	20.883	16.226	37.8	26.446	2.8	21.045	1.599	1.953	50.7	2.524	3.3	-4.697	3.321	-35.3	5.752
248806.1	843313.1	118.4	20.727	16.079	37.8	26.233	2.9	20.876	1.598	1.952	50.7	2.523	3.2	-4.458	3.044	-34.3	5.399
248805.4	843312.4	118.3	20.545	15.908	37.8	25.984	3.0	20.678	1.596	1.950	50.7	2.520	3.2	-4.198	2.745	-33.2	5.016
248804.7	843311.7	118.2	20.356	15.730	37.7	25.726	3.1	20.472	1.594	1.948	50.7	2.517	3.2	-3.935	2.445	-31.9	4.633
248804.0	843310.9	118.2	20.344	15.718	37.7	25.709	3.1	20.459	1.595	1.947	50.7	2.517	3.2	-3.849	2.372	-31.6	4.521
248803.3	843310.2	118.2	20.343	15.717	37.7	25.708	3.1	20.458	1.596	1.945	50.6	2.516	3.1	-3.781	2.325	-31.6	4.439
248802.6	843309.5	118.2	20.360	15.733	37.7	25.730	3.1	20.476	1.597	1.943	50.6	2.515	3.1	-3.737	2.312	-31.7	4.394
248801.9	843308.8	118.2	20.309	15.684	37.7	25.660	3.1	20.420	1.596	1.940	50.6	2.512	3.0	-3.634	2.227	-31.5	4.262

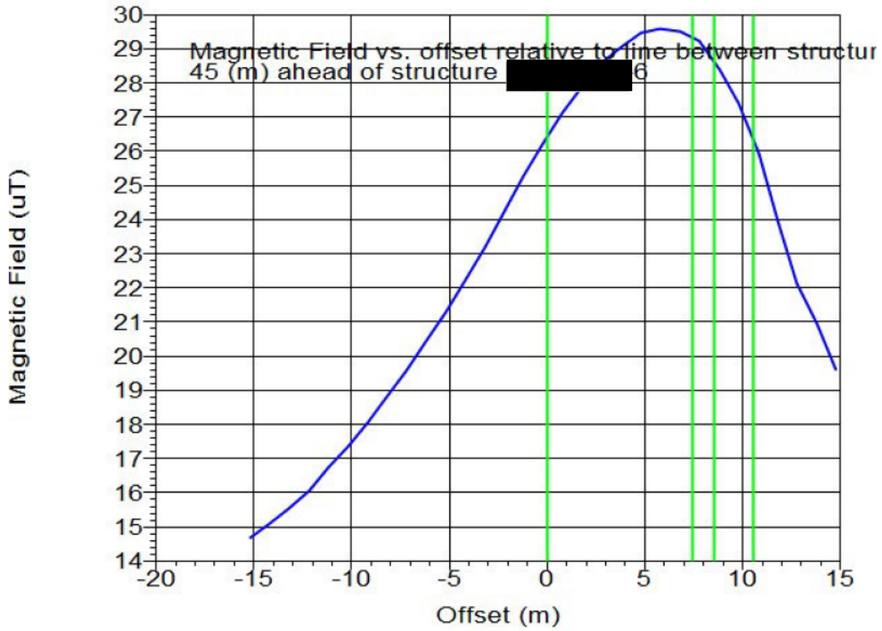
248801.2	843308.1	118.1	20.191	15.572	37.6	25.498	3.2	20.291	1.593	1.935	50.5	2.506	3.0	-3.470	2.069	-30.8	4.040
248800.5	843307.4	118.1	20.214	15.593	37.6	25.530	3.2	20.316	1.593	1.931	50.5	2.504	2.9	-3.454	2.097	-31.3	4.041
248799.8	843306.6	118.2	20.241	15.617	37.7	25.565	3.2	20.344	1.593	1.927	50.4	2.500	2.9	-3.447	2.138	-31.8	4.056
248799.1	843305.9	118.2	20.213	15.590	37.6	25.526	3.2	20.313	1.591	1.922	50.4	2.495	2.8	-3.393	2.122	-32.0	4.002
248798.4	843305.2	118.1	20.056	15.442	37.6	25.312	3.3	20.143	1.587	1.915	50.4	2.487	2.8	-3.217	1.956	-31.3	3.765
248797.7	843304.5	118.0	19.947	15.339	37.6	25.163	3.4	20.024	1.583	1.908	50.3	2.479	2.7	-3.094	1.856	-31.0	3.608
248797.1	843303.8	118.0	19.904	15.297	37.5	25.103	3.4	19.976	1.580	1.902	50.3	2.472	2.7	-3.042	1.846	-31.2	3.559
248796.4	843303.0	118.0	19.909	15.300	37.5	25.109	3.4	19.981	1.577	1.896	50.2	2.466	2.6	-3.046	1.903	-32.0	3.592
248795.7	843302.3	118.1	19.988	15.372	37.6	25.215	3.4	20.066	1.576	1.890	50.2	2.461	2.5	-3.131	2.058	-33.3	3.747
248795.0	843301.6	118.2	20.206	15.574	37.6	25.512	3.3	20.301	1.577	1.887	50.1	2.459	2.3	-3.359	2.387	-35.4	4.121
248794.3	843300.9	118.1	19.989	15.370	37.6	25.215	3.4	20.065	1.570	1.877	50.1	2.447	2.3	-3.159	2.193	-34.8	3.845
248793.6	843300.2	117.9	19.640	15.042	37.4	24.739	3.6	19.687	1.560	1.865	50.1	2.431	2.3	-2.826	1.839	-33.0	3.372
248792.9	843299.5	117.9	19.729	15.123	37.5	24.859	3.5	19.782	1.557	1.858	50.0	2.425	2.2	-2.945	2.031	-34.6	3.577
248792.2	843298.7	117.9	19.664	15.060	37.4	24.769	3.6	19.710	1.552	1.850	50.0	2.415	2.1	-2.910	2.037	-35.0	3.552
248791.5	843298.0	117.8	19.518	14.922	37.4	24.568	3.7	19.551	1.545	1.840	50.0	2.403	2.1	-2.797	1.947	-34.8	3.408
248790.8	843297.3	117.8	19.372	14.784	37.4	24.369	3.8	19.392	1.538	1.830	50.0	2.390	2.0	-2.688	1.861	-34.7	3.269
248790.1	843296.6	117.7	19.273	14.690	37.3	24.233	3.8	19.284	1.531	1.821	49.9	2.379	2.0	-2.632	1.837	-34.9	3.209
248789.4	843295.9	117.7	19.195	14.615	37.3	24.126	3.9	19.199	1.525	1.811	49.9	2.368	1.9	-2.601	1.842	-35.3	3.187
248788.7	843295.1	117.6	19.117	14.541	37.3	24.018	3.9	19.113	1.518	1.802	49.9	2.356	1.8	-2.573	1.850	-35.7	3.169
248788.0	843294.4	117.6	19.040	14.467	37.2	23.913	4.0	19.029	1.511	1.792	49.9	2.345	1.8	-2.550	1.863	-36.1	3.158
248787.3	843293.7	117.6	18.974	14.403	37.2	23.821	4.0	18.956	1.505	1.783	49.8	2.333	1.7	-2.540	1.889	-36.6	3.165
248786.6	843293.0	117.5	18.906	14.338	37.2	23.728	4.1	18.882	1.498	1.774	49.8	2.322	1.6	-2.532	1.917	-37.1	3.175
248785.9	843292.3	117.5	18.798	14.235	37.1	23.579	4.1	18.764	1.490	1.764	49.8	2.309	1.6	-2.482	1.893	-37.3	3.121
248785.2	843291.6	117.4	18.684	14.127	37.1	23.424	4.2	18.640	1.483	1.754	49.8	2.297	1.5	-2.428	1.864	-37.5	3.061
248784.5	843290.8	117.3	18.572	14.021	37.1	23.271	4.3	18.518	1.475	1.744	49.8	2.284	1.5	-2.378	1.836	-37.7	3.004
248783.8	843290.1	117.3	18.461	13.916	37.0	23.118	4.3	18.397	1.468	1.735	49.8	2.272	1.4	-2.328	1.809	-37.9	2.948
248783.1	843289.4	117.2	18.379	13.837	37.0	23.006	4.4	18.307	1.461	1.726	49.7	2.261	1.4	-2.310	1.819	-38.2	2.940
248782.4	843288.7	117.2	18.311	13.772	36.9	22.912	4.4	18.233	1.454	1.717	49.7	2.250	1.3	-2.307	1.845	-38.6	2.954
248781.7	843288.0	117.2	18.242	13.706	36.9	22.817	4.5	18.157	1.448	1.709	49.7	2.240	1.3	-2.303	1.869	-39.1	2.966
248781.0	843287.3	117.2	18.174	13.639	36.9	22.723	4.5	18.082	1.442	1.701	49.7	2.230	1.2	-2.298	1.891	-39.4	2.976
248780.3	843286.5	117.1	18.105	13.573	36.9	22.627	4.6	18.006	1.436	1.693	49.7	2.220	1.2	-2.292	1.910	-39.8	2.984
248779.7	843285.8	117.1	18.035	13.506	36.8	22.532	4.6	17.930	1.430	1.686	49.7	2.210	1.1	-2.285	1.928	-40.1	2.990
248779.0	843285.1	117.1	17.966	13.439	36.8	22.436	4.7	17.854	1.424	1.678	49.7	2.201	1.1	-2.277	1.942	-40.5	2.992
248778.3	843284.4	117.0	17.895	13.370	36.8	22.338	4.7	17.776	1.418	1.671	49.7	2.192	1.0	-2.265	1.952	-40.8	2.991
248777.6	843283.7	117.0	17.808	13.288	36.7	22.219	4.8	17.681	1.412	1.664	49.7	2.183	1.0	-2.236	1.940	-40.9	2.960
248776.9	843282.9	117.0	17.721	13.205	36.7	22.100	4.8	17.587	1.407	1.658	49.7	2.174	1.0	-2.204	1.924	-41.1	2.926
248776.2	843282.2	116.9	17.634	13.122	36.7	21.981	4.9	17.492	1.401	1.651	49.7	2.166	0.9	-2.170	1.906	-41.3	2.888
248775.5	843281.5	116.9	17.551	13.042	36.6	21.866	4.9	17.400	1.396	1.645	49.7	2.157	0.9	-2.138	1.888	-41.5	2.852
248774.8	843280.8	116.9	17.489	12.983	36.6	21.781	5.0	17.333	1.392	1.639	49.7	2.150	0.9	-2.128	1.897	-41.7	2.851
248774.1	843280.1	116.8	17.435	12.929	36.6	21.706	5.0	17.273	1.387	1.633	49.7	2.143	0.8	-2.125	1.912	-42.0	2.859
248773.4	843279.4	116.8	17.389	12.883	36.5	21.641	5.0	17.221	1.383	1.628	49.7	2.136	0.8	-2.127	1.935	-42.3	2.875
248772.7	843278.6	116.8	17.342	12.836	36.5	21.576	5.1	17.169	1.379	1.623	49.7	2.130	0.8	-2.127	1.954	-42.6	2.888
248772.0	843277.9	116.8	17.294	12.789	36.5	21.509	5.1	17.117	1.375	1.618	49.7	2.123	0.7	-2.125	1.969	-42.8	2.897
248771.3	843277.2	116.8	17.243	12.739	36.5	21.439	5.2	17.060	1.371	1.614	49.7	2.117	0.7	-2.117	1.978	-43.1	2.898
248770.6	843276.5	116.8	17.183	12.681	36.4	21.356	5.2	16.994	1.367	1.609	49.7	2.111	0.7	-2.098	1.973	-43.2	2.879
248769.9	843275.8	116.8	17.123	12.622	36.4	21.272	5.2	16.928	1.363	1.604	49.6	2.105	0.6	-2.075	1.964	-43.4	2.857
248769.2	843275.0	116.7	17.062	12.562	36.4	21.187	5.3	16.860	1.359	1.599	49.6	2.098	0.6	-2.051	1.952	-43.6	2.831
248768.5	843274.3	116.7	17.000	12.503	36.3	21.103	5.3	16.793	1.355	1.594	49.6	2.092	0.6	-2.025	1.937	-43.7	2.802
248767.8	843273.6	116.7	16.939	12.443	36.3	21.018	5.4	16.725	1.351	1.590	49.6	2.086	0.5	-1.996	1.920	-43.9	2.769
248767.1	843272.9	116.7	16.877	12.383	36.3	20.932	5.4	16.657	1.347	1.585	49.6	2.080	0.5	-1.965	1.900	-44.0	2.733
248766.4	843272.2	116.7	16.815	12.323	36.2	20.846	5.5	16.589	1.343	1.581	49.6	2.074	0.5	-1.932	1.877	-44.2	2.694
248765.7	843271.5	116.7	16.758	12.267	36.2	20.768	5.5	16.527	1.339	1.576	49.6	2.068	0.4	-1.904	1.860	-44.3	2.661
248765.0	843270.7	116.6	16.701	12.212	36.2	20.689	5.6	16.464	1.336	1.572	49.6	2.063	0.4	-1.873	1.839	-44.5	2.625
248764.3	843270.0	116.6	16.644	12.156	36.1	20.610	5.6	16.401	1.332	1.568	49.6	2.057	0.4	-1.840	1.816	-44.6	2.585
248763.6	843269.3	116.6	16.589	12.102	36.1	20.534	5.6	16.341	1.328	1.563	49.6	2.052	0.3	-1.808	1.794	-44.8	2.547
248762.9	843268.6	116.6	16.547	12.060	36.1	20.475	5.7	16.294	1.325	1.559	49.6	2.046	0.3	-1.788	1.786	-45.0	2.527
248762.3	843267.9	116.6	16.504	12.017	36.1	20.416	5.7	16.246	1.322	1.556	49.6	2.041	0.3	-1.766	1.775	-45.1	2.504
248761.6	843267.1	116.6	16.461	11.974	36.0	20.355	5.8	16.198	1.318	1.552	49.6	2.036	0.2	-1.741	1.760	-45.3	2.476
248760.9	843266.4	116.6	16.417	11.930	36.0	20.294	5.8	16.150	1.315	1.548	49.7	2.031	0.2	-1.714	1.743	-45.5	2.444
248760.2	843265.7	116.6	16.356	11.870	36.0	20.209	5.8	16.082	1.312	1.544	49.7	2.026	0.2	-1.665	1.699	-45.6	2.379
248759.5	843265.0	116.6	16.293	11.810	35.9	20.123	5.9	16.013	1.308	1.541	49.7	2.021	0.2	-1.612	1.650	-45.7	2.307
248758.8	843264.3	116.6	16.230	11.749	35.9	20.036	5.9	15.944	1.305	1.537	49.7	2.016	0.2	-1.556	1.598	-45.8	2.231
248758.1	843263.6	116.6	16.166	11.687	35.9	19.948	6.0	15.874	1.302	1.534	49.7	2.012	0.2	-1.498	1.542	-45.8	2.150
248757.4	843262.8	116.5	16.110	11.633	35.8	19.871	6.0	15.813	1.299	1.531	49.7	2.008	0.2	-1.447	1.494	-45.9	2.080
248756.7	843262.1	116.5	16.058	11.582	35.8	19.799	6.1	15.756	1.296	1.528	49.7	2.004	0.2	-1.396	1.447	-46.0	2.010
248756.0	843261.4	116.5	16.014	11.538	35.8	19.738	6.1	15.707	1.294	1.526	49.7	2.001	0.2	-1.353	1.407	-46.1	1.952
248755.3	843260.7	116.6	16.003	11.523	35.8	19.719	6.1	15.692	1.292	1.524	49.7	1.998	0.2	-1.344	1.408	-46.3	1.947
248754.6	843260.0	116.6	15.990	11.507	35.7	19.700	6.2	15.677	1.290	1.523	49.7	1.996	0.2	-1.332	1.404	-46.5	1.936
248753.9	843259.2	116.6	15.977	11.490	35.7	19.680	6.2	15.661	1.288	1.522	49.8	1.994	0.3	-1.317	1.397	-46.7	1.919
248753.2	843258.5	116.7	15.962	11.471	35.7	19.656	6.2	15.642	1.286	1.521	49.8	1.992	0.3	-1.296	1.382	-46.8	1.894
248752.5	843257.8	116.7	15.934	11.441	35.7	19.616	6.2	15.610	1.285	1.520	49.8	1.990	0.3	-1.258	1.347	-46.9	1.843
248751.8	843257.1	116.7	15.913	11.417	35.7	19.585	6.3	15.585	1.283	1.519	49.8	1.989	0.3	-1.227	1.318	-47.1	1.801
248751.1	843256.4	116.7	15.901	11.402	35.6	19.566	6.3	15.570	1.282	1.519	49.8	1.987	0.3	-1.203	1.299	-47.2	1.770
248750.4	843255.7	116.8	15.911	11.405	35.6	19.576	6.3	15.578	1.281	1.519	49.9	1.987	0.3	-1.201	1.305	-47.4	1.774
248749.7	843254.9	116.8	15.921	11.408	35.6	19.586	6.3	15.586	1.280	1.520	49.9	1.987	0.3	-1.197	1.308	-47.5	1.773
248749.0	843254.2	116.9	15.932	11.412	35.6	19.597	6.3	15.595	1.279	1.520	49.9	1.987	0.3	-1.192	1.310	-47.7	1.771
248748.3	843253.5	117.0	15.943	11.415	35.6	19.608	6.3	15.604	1.278	1.521	50.0	1.987	0.3	-1.184	1.308	-47.9	1.764
248747.6	843252.8	117.0	15.952	11.418	35.6	19.618	6.4	15.611	1.277	1.522	50.0	1.987	0.4	-1.173	1.303	-48.0	1.753
248746.9	843252.1	117.1	15.962	11.421	35.6	19.627	6.4	15.619	1.277	1.522	50.0	1.987	0.4	-1.159	1.294	-48.2	1.737
248746.2	843251.3	117.1	15.970	11.422	35.6	19.635	6.4	15.625	1.276	1.523	50.0	1.987	0.4	-1.143	1.282	-48.3	1.717
248745.5	843250.6	117.2	15.978	11.424	35.6	19.642	6.4	15.631	1.275	1.524	50.1	1.988	0.4	-1.123	1.267	-48.4	1.693
248744.9	843249.9	117.2	15.986	11.424	35.6	19.648	6.4	15.636	1.275	1.526	50.1	1.988	0.4	-1.101	1.248	-48.6	1.664
248744.2	843249.2	117.3	16.015	11.444	35.5	19.684	6.4	15.664	1.275	1.527	50.1	1.989	0.4	-1.101	1.257	-48.8	1.671
248743.5	843248.5	117.4	16.047	11.466	35.5	19.722	6.4	15.695	1.274	1.528	50.2	1.990	0.3	-1.103	1.267	-49.0	1.679
248742.8	843247.8	117.5	16.079	11.487	35.5	19.760	6.4	15.725	1.274	1.530	50.2	1.991	0.3	-1.101	1.274	-49.2	1.684
248742.1	843247.0	117.6	16.110	11.507	35.5	19.797	6.4	15.754	1.274	1.531	50.2	1.992	0.3	-1.097	1.278	-49.4	1.684
248741.4	843246.3	117.6	16.140	11.528	35.5	19.834	6.4	15.783	1.274	1.533	50.3	1.993	0.3	-1.090	1.279	-49.6	1.681

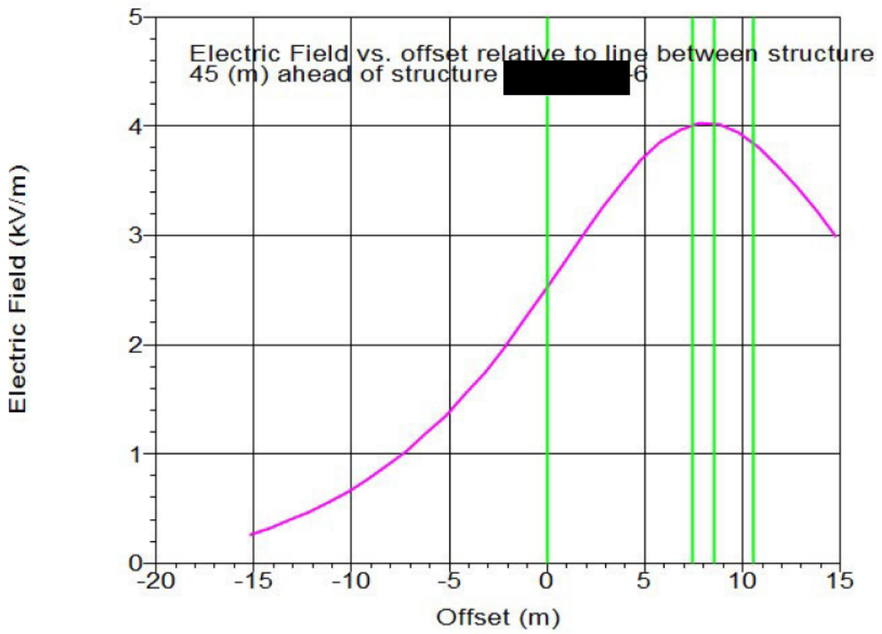
248740.7	843245.6	117.7	16.175	11.552	35.5	19.877	6.4	15.817	1.273	1.534	50.3	1.994	0.3	-1.087	1.285	-49.8	1.683
248740.0	843244.9	117.8	16.217	11.582	35.5	19.929	6.4	15.859	1.273	1.536	50.3	1.995	0.3	-1.089	1.298	-50.0	1.695
248739.3	843244.2	117.9	16.259	11.612	35.5	19.980	6.4	15.900	1.273	1.538	50.4	1.996	0.3	-1.089	1.308	-50.2	1.702
248738.6	843243.5	118.0	16.301	11.642	35.5	20.031	6.4	15.940	1.273	1.539	50.4	1.998	0.3	-1.086	1.316	-50.5	1.706
248737.9	843242.7	118.1	16.341	11.671	35.5	20.081	6.4	15.980	1.273	1.541	50.4	1.999	0.3	-1.080	1.320	-50.7	1.706
248737.2	843242.0	118.2	16.386	11.703	35.5	20.136	6.4	16.023	1.274	1.543	50.5	2.001	0.3	-1.076	1.327	-51.0	1.708
248736.5	843241.3	118.3	16.426	11.730	35.5	20.184	6.4	16.062	1.274	1.545	50.5	2.002	0.3	-1.064	1.326	-51.2	1.700
248735.8	843240.6	118.4	16.465	11.758	35.5	20.232	6.4	16.100	1.274	1.547	50.5	2.004	0.3	-1.050	1.321	-51.5	1.687
248735.1	843239.9	118.4	16.503	11.784	35.5	20.279	6.4	16.137	1.275	1.549	50.6	2.006	0.3	-1.033	1.313	-51.8	1.671
248734.4	843239.1	118.5	16.553	11.819	35.5	20.339	6.5	16.185	1.274	1.554	50.6	2.009	0.3	-1.027	1.294	-51.5	1.652
248733.7	843238.4	118.6	16.627	11.884	35.6	20.438	6.4	16.264	1.284	1.561	50.5	2.021	0.3	-1.151	1.361	-49.8	1.782
248733.0	843237.7	118.7	16.649	11.895	35.5	20.462	6.4	16.283	1.285	1.563	50.6	2.023	0.3	-1.109	1.324	-50.0	1.727
248732.3	843237.0	118.8	16.675	11.911	35.5	20.492	6.4	16.307	1.285	1.566	50.6	2.026	0.3	-1.068	1.289	-50.3	1.674
248731.6	843236.3	118.9	16.723	11.945	35.5	20.551	6.4	16.354	1.286	1.569	50.7	2.029	0.3	-1.048	1.280	-50.7	1.654
248730.9	843235.6	119.0	16.771	11.979	35.5	20.609	6.4	16.400	1.287	1.572	50.7	2.032	0.3	-1.025	1.267	-51.0	1.630
248730.2	843234.8	119.1	16.818	12.012	35.5	20.667	6.4	16.446	1.288	1.575	50.7	2.035	0.3	-0.999	1.251	-51.4	1.601
248729.5	843234.1	119.2	16.875	12.054	35.5	20.738	6.4	16.502	1.290	1.579	50.8	2.039	0.3	-0.980	1.244	-51.8	1.584
248728.8	843233.4	119.3	16.931	12.095	35.5	20.808	6.4	16.558	1.291	1.583	50.8	2.043	0.3	-0.958	1.234	-52.2	1.562
248728.1	843232.7	119.4	16.987	12.136	35.5	20.877	6.4	16.613	1.293	1.587	50.8	2.047	0.3	-0.933	1.220	-52.6	1.536
248727.5	843232.0	119.5	17.049	12.181	35.5	20.954	6.4	16.675	1.295	1.591	50.9	2.051	0.3	-0.911	1.210	-53.0	1.515
248726.8	843231.2	119.6	17.123	12.237	35.6	21.046	6.4	16.748	1.297	1.596	50.9	2.056	0.3	-0.898	1.212	-53.4	1.508
248726.1	843230.5	119.8	17.204	12.299	35.6	21.149	6.3	16.829	1.299	1.600	50.9	2.061	0.3	-0.890	1.220	-53.9	1.510
248725.4	843229.8	119.9	17.288	12.363	35.6	21.254	6.3	16.913	1.302	1.605	51.0	2.067	0.3	-0.881	1.227	-54.3	1.511
248724.7	843229.1	120.0	17.371	12.427	35.6	21.358	6.3	16.996	1.305	1.610	51.0	2.073	0.3	-0.869	1.231	-54.8	1.507
248724.0	843228.4	120.2	17.454	12.490	35.6	21.463	6.3	17.080	1.307	1.616	51.0	2.078	0.3	-0.853	1.231	-55.3	1.498
248723.3	843227.7	120.3	17.529	12.546	35.6	21.556	6.3	17.154	1.310	1.621	51.1	2.084	0.3	-0.827	1.218	-55.8	1.472
248722.6	843226.9	120.4	17.593	12.593	35.6	21.635	6.3	17.217	1.313	1.627	51.1	2.090	0.3	-0.787	1.188	-56.5	1.425
248721.9	843226.2	120.5	17.656	12.639	35.6	21.714	6.3	17.279	1.316	1.632	51.1	2.097	0.3	-0.744	1.154	-57.2	1.373
248721.2	843225.5	120.7	17.719	12.685	35.6	21.792	6.3	17.341	1.319	1.638	51.2	2.103	0.4	-0.698	1.117	-58.0	1.317
248720.5	843224.8	120.8	17.782	12.730	35.6	21.869	6.3	17.403	1.322	1.644	51.2	2.110	0.4	-0.649	1.077	-58.9	1.257
248719.8	843224.1	120.9	17.844	12.774	35.6	21.945	6.3	17.464	1.326	1.650	51.2	2.117	0.4	-0.597	1.033	-60.0	1.193
248719.1	843223.3	121.0	17.906	12.819	35.6	22.021	6.3	17.524	1.329	1.656	51.3	2.124	0.4	-0.542	0.985	-61.2	1.125
248718.4	843222.6	121.1	17.991	12.883	35.6	22.128	6.3	17.609	1.333	1.663	51.3	2.131	0.4	-0.508	0.964	-62.2	1.089
248717.7	843221.9	121.3	18.086	12.955	35.6	22.247	6.3	17.704	1.337	1.670	51.3	2.139	0.4	-0.481	0.951	-63.2	1.066
248717.0	843221.2	121.4	18.187	13.033	35.6	22.375	6.2	17.806	1.341	1.677	51.4	2.147	0.5	-0.459	0.944	-64.1	1.050
248716.3	843220.5	121.6	18.312	13.131	35.6	22.533	6.2	17.931	1.345	1.685	51.4	2.156	0.5	-0.457	0.962	-64.6	1.065
248715.6	843219.8	121.8	18.435	13.228	35.7	22.690	6.2	18.056	1.350	1.692	51.4	2.165	0.6	-0.452	0.977	-65.2	1.077
248714.9	843219.0	121.9	18.544	13.311	35.7	22.827	6.1	18.165	1.354	1.700	51.5	2.173	0.6	-0.431	0.973	-66.1	1.064
248714.2	843218.3	122.1	18.652	13.395	35.7	22.963	6.1	18.274	1.359	1.707	51.5	2.182	0.7	-0.409	0.967	-67.1	1.050
248713.5	843217.6	122.2	18.761	13.478	35.7	23.100	6.1	18.383	1.363	1.714	51.5	2.190	0.7	-0.387	0.960	-68.1	1.035
248712.8	843216.9	122.4	18.869	13.561	35.7	23.237	6.1	18.491	1.367	1.722	51.6	2.198	0.8	-0.364	0.954	-69.1	1.021
248712.1	843216.2	122.5	19.002	13.666	35.7	23.406	6.0	18.626	1.371	1.729	51.6	2.206	0.8	-0.364	0.976	-69.5	1.042
248711.4	843215.4	122.7	19.146	13.779	35.7	23.588	6.0	18.771	1.375	1.736	51.6	2.215	0.9	-0.374	1.011	-69.7	1.077
248710.7	843214.7	122.9	19.290	13.892	35.8	23.772	6.0	18.917	1.379	1.742	51.6	2.222	1.0	-0.384	1.047	-69.9	1.115
248710.1	843214.0	123.1	19.439	14.010	35.8	23.961	5.9	19.068	1.383	1.749	51.7	2.230	1.1	-0.400	1.090	-69.9	1.161
248709.4	843213.3	123.3	19.643	14.175	35.8	24.224	5.9	19.276	1.387	1.755	51.7	2.238	1.2	-0.465	1.197	-68.8	1.284
248708.7	843212.6	123.5	19.764	14.268	35.8	24.376	5.8	19.398	1.390	1.761	51.7	2.244	1.3	-0.458	1.211	-69.3	1.295
248708.0	843211.9	123.6	19.857	14.336	35.8	24.491	5.8	19.490	1.393	1.766	51.7	2.249	1.3	-0.426	1.196	-70.4	1.270
248707.3	843211.1	123.7	19.955	14.408	35.8	24.613	5.8	19.586	1.395	1.770	51.8	2.253	1.4	-0.402	1.189	-71.3	1.255
248706.6	843210.4	123.9	20.061	14.487	35.8	24.745	5.8	19.691	1.396	1.774	51.8	2.258	1.4	-0.386	1.195	-72.1	1.256
248705.9	843209.7	124.0	20.167	14.566	35.8	24.877	5.8	19.797	1.398	1.778	51.8	2.261	1.5	-0.374	1.204	-72.8	1.261
248705.2	843209.0	124.2	20.272	14.645	35.8	25.009	5.8	19.901	1.399	1.781	51.8	2.265	1.5	-0.363	1.217	-73.4	1.270
248704.5	843208.3	124.3	20.319	14.706	35.9	25.083	5.7	19.960	1.389	1.775	52.0	2.254	1.6	-0.249	1.157	-77.8	1.184
248703.8	843207.5	124.5	20.426	14.785	35.9	25.215	5.7	20.065	1.390	1.778	52.0	2.257	1.7	-0.244	1.177	-78.3	1.202
248703.1	843206.8	124.6	20.532	14.863	35.9	25.347	5.7	20.171	1.390	1.780	52.0	2.259	1.8	-0.242	1.200	-78.6	1.225
248702.4	843206.1	124.8	20.639	14.941	35.9	25.479	5.7	20.276	1.390	1.782	52.0	2.260	1.8	-0.243	1.228	-78.8	1.252
248701.7	843205.4	124.9	20.745	15.018	35.9	25.610	5.7	20.380	1.390	1.783	52.1	2.261	1.9	-0.247	1.259	-78.9	1.283
248701.0	843204.7	125.1	20.807	15.057	35.9	25.683	5.7	20.438	1.389	1.784	52.1	2.261	1.9	-0.218	1.248	-80.1	1.267
248700.3	843204.0	125.2	20.856	15.085	35.9	25.739	5.7	20.483	1.387	1.784	52.1	2.259	2.0	-0.182	1.227	-81.6	1.241
248699.6	843203.2	125.3	20.905	15.111	35.9	25.794	5.7	20.527	1.385	1.783	52.2	2.258	2.0	-0.149	1.211	-83.0	1.220
248698.9	843202.5	125.4	20.952	15.137	35.8	25.848	5.8	20.570	1.382	1.783	52.2	2.256	2.1	-0.120	1.199	-84.3	1.205
248698.2	843201.8	125.5	21.000	15.162	35.8	25.901	5.8	20.612	1.379	1.781	52.3	2.253	2.1	-0.095	1.191	-85.5	1.195
248697.5	843201.1	125.6	21.043	15.184	35.8	25.949	5.8	20.649	1.376	1.780	52.3	2.249	2.1	-0.070	1.185	-86.6	1.187
248696.8	843200.4	125.7	21.084	15.203	35.8	25.994	5.8	20.685	1.372	1.778	52.3	2.245	2.2	-0.048	1.182	-87.7	1.183
248696.1	843199.7	125.8	21.124	15.222	35.8	26.038	5.9	20.720	1.367	1.775	52.4	2.241	2.2	-0.030	1.183	-88.5	1.183
248695.4	843198.9	126.0	21.164	15.240	35.8	26.080	5.9	20.754	1.363	1.772	52.4	2.236	2.3	-0.016	1.188	-89.2	1.189
248694.7	843198.2	126.1	21.203	15.257	35.7	26.122	5.9	20.787	1.358	1.769	52.5	2.230	2.3	-0.005	1.198	-89.8	1.198
248694.0	843197.5	126.2	21.212	15.249	35.7	26.125	6.0	20.789	1.352	1.765	52.5	2.224	2.4	0.026	1.182	88.8	1.183
248693.3	843196.8	126.2	21.186	15.210	35.7	26.081	6.0	20.754	1.345	1.761	52.6	2.216	2.4	0.080	1.134	85.9	1.137
248692.7	843196.1	126.3	21.159	15.170	35.6	26.036	6.1	20.718	1.338	1.756	52.7	2.208	2.4	0.131	1.090	83.1	1.098
248692.0	843195.3	126.4	21.131	15.130	35.6	25.989	6.2	20.682	1.331	1.751	52.8	2.199	2.4	0.179	1.049	80.3	1.064
248691.3	843194.6	126.5	21.102	15.089	35.6	25.942	6.3	20.644	1.323	1.745	52.8	2.190	2.4	0.223	1.012	77.6	1.037
248690.6	843193.9	126.5	21.072	15.047	35.5	25.893	6.3	20.605	1.316	1.740	52.9	2.181	2.4	0.264	0.979	74.9	1.014
248689.9	843193.2	126.6	21.071	15.029	35.5	25.881	6.4	20.596	1.308	1.734	53.0	2.172	2.5	0.279	0.979	74.1	1.018
248689.2	843192.5	126.7	21.074	15.015	35.5	25.876	6.4	20.591	1.300	1.729	53.1	2.163	2.5	0.287	0.989	73.8	1.029
248688.5	843191.8	126.8	21.077	15.000	35.4	25.869	6.5	20.586	1.292	1.723	53.1	2.154	2.6	0.292	1.001	73.7	1.043
248687.8	843191.0	126.9	21.078	14.984	35.4	25.862	6.6	20.580	1.284	1.717	53.2	2.144	2.7	0.295	1.016	73.8	1.058
248687.1	843190.3	127.0	21.079	14.968	35.4	25.853	6.6	20.573	1.276	1.711	53.3	2.134	2.7	0.296	1.033	74.0	1.074
248686.4	843189.6	127.1	21.079	14.950	35.3	25.842	6.7	20.565	1.267	1.705	53.4	2.124	2.8	0.294	1.052	74.4	1.093
248685.7	843188.9	127.2	21.074	14.929	35.3	25.826	6.7	20.551	1.258	1.699	53.5	2.114	2.9	0.293	1.070	74.7	1.110
248685.0	843188.2	127.3	21.053	14.894	35.3	25.789	6.8	20.522	1.249	1.692	53.6	2.103	3.0	0.301	1.075	74.3	1.117
248684.3	843187.4	127.4	21.031	14.858	35.2	25.750	6.9	20.491	1.239	1.686	53.7	2.092	3.1	0.308	1.082	74.1	1.125
248683.6	843186.7	127.4	20.994	14.810	35.2	25.692	7.0	20.445	1.229	1.679	53.8	2.081	3.1	0.323	1.077	73.3	1.125
248682.9	843186.0	127.5	20.959	14.764	35.2	25.637	7.1	20.401	1.219	1.672	53.9	2.069	3.2	0.333	1.078	72.8	1.128
248682.2	843185.3	127.6	20.917	14.711	35.1	25.572	7.2	20.349	1.208	1.664	54.0	2.057	3.3	0.346	1.073	72.1	1.128
248681.5	843184.6	127.7	20.857	14.644	35.1	25.485	7.3	20.280	1.197	1.657	54.1	2.044	3.3	0.369	1.055	70.7	1.118
248680.8	843183.9	127.7	20.797	14.577	35.0	25.397	7.4	20.210	1.186	1.649	54.3	2.031	3.4	0.390	1.039	69.4	1.110

248680.1	843183.1	127.8	20.736	14.509	35.0	25.308	7.5	20.139	1.174	1.641	54.4	2.018	3.5	0.409	1.026	68.3	1.104
248679.4	843182.4	127.8	20.673	14.441	34.9	25.218	7.6	20.068	1.162	1.633	54.6	2.004	3.5	0.425	1.014	67.3	1.100
248678.7	843181.7	127.9	20.600	14.364	34.9	25.114	7.7	19.985	1.150	1.624	54.7	1.990	3.6	0.446	0.996	65.9	1.091
248678.0	843181.0	128.0	20.526	14.287	34.8	25.009	7.8	19.902	1.138	1.616	54.9	1.976	3.7	0.466	0.979	64.6	1.084
248677.3	843180.3	128.0	20.451	14.209	34.8	24.903	7.9	19.817	1.125	1.607	55.0	1.961	3.7	0.483	0.964	63.4	1.079
248676.6	843179.5	128.1	20.376	14.130	34.7	24.796	8.0	19.732	1.112	1.598	55.2	1.947	3.8	0.498	0.952	62.4	1.075
248675.9	843178.8	128.1	20.299	14.052	34.7	24.688	8.1	19.646	1.098	1.589	55.3	1.931	3.9	0.511	0.943	61.5	1.072
248675.3	843178.1	128.2	20.221	13.972	34.6	24.579	8.3	19.559	1.085	1.579	55.5	1.916	4.0	0.522	0.935	60.8	1.071
248674.6	843177.4	128.3	20.142	13.892	34.6	24.469	8.4	19.471	1.071	1.570	55.7	1.900	4.1	0.531	0.930	60.2	1.071
248673.9	843176.7	128.3	20.063	13.812	34.5	24.357	8.5	19.383	1.057	1.560	55.9	1.885	4.2	0.539	0.926	59.8	1.072
248673.2	843176.0	128.4	19.979	13.729	34.5	24.241	8.6	19.291	1.043	1.550	56.1	1.868	4.3	0.546	0.923	59.4	1.072
248672.5	843175.2	128.4	19.891	13.643	34.4	24.121	8.7	19.195	1.028	1.540	56.3	1.852	4.4	0.553	0.918	58.9	1.072
248671.8	843174.5	128.5	19.803	13.557	34.4	23.999	8.9	19.098	1.013	1.530	56.5	1.835	4.5	0.559	0.916	58.6	1.073
248671.1	843173.8	128.5	19.714	13.470	34.3	23.876	9.0	19.000	0.998	1.519	56.7	1.818	4.6	0.562	0.916	58.5	1.075
248670.4	843173.1	128.6	19.623	13.383	34.3	23.752	9.1	18.902	0.983	1.509	56.9	1.800	4.8	0.564	0.918	58.5	1.077
248669.7	843172.4	128.6	19.532	13.296	34.2	23.628	9.3	18.802	0.967	1.498	57.1	1.783	4.9	0.563	0.923	58.6	1.081
248669.0	843171.6	128.7	19.444	13.212	34.2	23.508	9.4	18.707	0.951	1.486	57.4	1.765	5.1	0.559	0.934	59.1	1.088
248668.3	843170.9	128.8	19.355	13.128	34.1	23.387	9.6	18.611	0.935	1.475	57.6	1.747	5.2	0.552	0.948	59.8	1.097
248667.6	843170.2	128.8	19.255	13.034	34.1	23.252	9.7	18.503	0.919	1.463	57.9	1.728	5.4	0.551	0.954	60.0	1.101
248666.9	843169.5	128.8	19.145	12.935	34.0	23.105	9.8	18.387	0.902	1.451	58.1	1.709	5.5	0.552	0.954	60.0	1.102
248666.2	843168.8	128.9	18.996	12.805	34.0	22.909	10.0	18.230	0.884	1.439	58.4	1.688	5.6	0.574	0.920	58.0	1.084
248665.5	843168.1	128.9	18.846	12.676	33.9	22.712	10.2	18.074	0.865	1.426	58.8	1.668	5.6	0.593	0.889	56.3	1.069
248664.8	843167.3	128.9	18.696	12.548	33.9	22.517	10.4	17.918	0.846	1.413	59.1	1.647	5.7	0.610	0.861	54.7	1.055
248664.1	843166.6	128.9	18.568	12.437	33.8	22.349	10.5	17.784	0.828	1.400	59.4	1.626	5.8	0.612	0.857	54.5	1.053
248663.4	843165.9	129.0	18.439	12.326	33.8	22.180	10.7	17.650	0.809	1.386	59.7	1.605	6.0	0.613	0.855	54.4	1.052
248662.7	843165.2	129.0	18.309	12.215	33.7	22.010	10.9	17.515	0.791	1.373	60.1	1.584	6.1	0.612	0.855	54.4	1.051
248662.0	843164.5	129.0	18.179	12.105	33.7	21.840	11.0	17.380	0.772	1.359	60.4	1.563	6.3	0.609	0.857	54.6	1.052
248661.3	843163.7	129.1	18.044	11.992	33.6	21.665	11.2	17.241	0.753	1.345	60.8	1.542	6.5	0.607	0.858	54.7	1.051
248660.6	843163.0	129.1	17.914	11.883	33.6	21.497	11.4	17.107	0.734	1.332	61.1	1.520	6.7	0.601	0.866	55.2	1.054
248659.9	843162.3	129.2	17.804	11.789	33.5	21.353	11.6	16.992	0.715	1.318	61.5	1.499	6.9	0.584	0.893	56.8	1.068
248659.2	843161.6	129.2	17.667	11.677	33.5	21.178	11.7	16.853	0.696	1.304	61.9	1.478	7.1	0.580	0.899	57.2	1.070
248658.5	843160.9	129.2	17.517	11.556	33.4	20.985	11.9	16.699	0.677	1.290	62.3	1.456	7.3	0.581	0.893	57.0	1.065
248657.9	843160.2	129.2	17.365	11.434	33.4	20.792	12.1	16.545	0.657	1.275	62.8	1.435	7.5	0.581	0.889	56.8	1.062
248657.2	843159.4	129.3	17.213	11.314	33.3	20.598	12.3	16.392	0.637	1.261	63.2	1.413	7.6	0.581	0.885	56.7	1.058
248656.5	843158.7	129.3	17.061	11.193	33.3	20.405	12.5	16.238	0.617	1.247	63.7	1.391	7.8	0.580	0.882	56.7	1.056
248655.8	843158.0	129.3	16.908	11.074	33.2	20.211	12.7	16.084	0.598	1.233	64.1	1.370	8.0	0.579	0.880	56.7	1.053
248655.1	843157.3	129.3	16.754	10.955	33.2	20.018	12.9	15.930	0.578	1.219	64.6	1.349	8.2	0.577	0.879	56.7	1.051
248654.4	843156.6	129.4	16.601	10.836	33.1	19.824	13.1	15.776	0.558	1.205	65.1	1.328	8.5	0.576	0.878	56.8	1.050
248653.7	843155.9	129.4	16.452	10.723	33.1	19.638	13.3	15.627	0.539	1.191	65.6	1.307	8.7	0.572	0.883	57.1	1.052
248653.0	843155.1	129.4	16.302	10.609	33.1	19.450	13.6	15.478	0.520	1.177	66.2	1.287	9.0	0.569	0.887	57.4	1.054
248652.3	843154.4	129.4	16.152	10.496	33.0	19.263	13.8	15.329	0.501	1.163	66.7	1.266	9.3	0.566	0.892	57.6	1.056
248651.6	843153.7	129.5	16.001	10.384	33.0	19.075	14.0	15.180	0.482	1.149	67.2	1.246	9.6	0.563	0.896	57.8	1.058
248650.9	843153.0	129.5	15.850	10.272	32.9	18.888	14.2	15.030	0.464	1.135	67.8	1.226	9.9	0.561	0.901	58.1	1.061
248650.2	843152.3	129.5	15.704	10.165	32.9	18.707	14.4	14.886	0.446	1.122	68.3	1.207	10.3	0.559	0.910	58.4	1.067
248649.5	843151.5	129.6	15.561	10.061	32.9	18.530	14.6	14.746	0.428	1.108	68.9	1.188	10.7	0.555	0.921	58.9	1.076
248648.8	843150.8	129.6	15.403	9.948	32.9	18.337	14.9	14.592	0.410	1.095	69.5	1.169	11.0	0.558	0.921	58.8	1.076
248648.1	843150.1	129.6	15.223	9.821	32.8	18.115	15.1	14.416	0.391	1.081	70.1	1.149	11.2	0.567	0.899	57.8	1.063
248647.4	843149.4	129.6	15.044	9.695	32.8	17.897	15.4	14.242	0.373	1.067	70.8	1.130	11.4	0.577	0.880	56.7	1.052
248646.7	843148.7	129.6	14.866	9.572	32.8	17.681	15.6	14.070	0.354	1.054	71.4	1.112	11.6	0.586	0.860	55.7	1.041
248646.0	843148.0	129.6	14.689	9.450	32.8	17.466	15.9	13.899	0.336	1.040	72.1	1.093	11.7	0.596	0.841	54.7	1.031
248645.3	843147.2	129.6	14.514	9.330	32.7	17.254	16.1	13.730	0.319	1.027	72.8	1.076	11.9	0.606	0.822	53.6	1.021
248644.6	843146.5	129.6	14.339	9.213	32.7	17.044	16.4	13.563	0.302	1.014	73.4	1.058	12.1	0.616	0.804	52.5	1.013
248643.9	843145.8	129.6	14.167	9.097	32.7	16.836	16.7	13.398	0.285	1.001	74.1	1.041	12.4	0.626	0.785	51.4	1.004
248643.2	843145.1	129.6	13.996	8.984	32.7	16.632	16.9	13.235	0.269	0.989	74.8	1.025	12.6	0.637	0.767	50.3	0.997
248642.5	843144.4	129.6	13.828	8.874	32.7	16.431	17.2	13.075	0.253	0.977	75.5	1.009	12.8	0.648	0.749	49.1	0.990
248641.8	843143.6	129.6	13.663	8.767	32.7	16.234	17.5	12.918	0.238	0.965	76.1	0.994	13.0	0.659	0.731	48.0	0.985
248641.1	843142.9	129.6	13.501	8.662	32.7	16.041	17.8	12.765	0.224	0.953	76.8	0.979	13.2	0.671	0.713	46.7	0.980
248640.5	843142.2	129.6	13.342	8.561	32.7	15.853	18.0	12.615	0.211	0.942	77.4	0.965	13.4	0.684	0.696	45.5	0.976
248639.8	843141.5	129.7	13.188	8.464	32.7	15.670	18.3	12.470	0.199	0.931	78.0	0.952	13.6	0.697	0.678	44.2	0.972
248639.1	843140.8	129.7	13.038	8.371	32.7	15.494	18.6	12.330	0.187	0.921	78.5	0.940	13.8	0.710	0.661	42.9	0.970
248638.4	843140.1	129.7	12.894	8.281	32.7	15.324	18.9	12.195	0.177	0.911	79.0	0.928	14.0	0.724	0.644	41.6	0.969
248637.7	843139.3	129.7	12.749	8.192	32.7	15.154	19.1	12.059	0.167	0.902	79.5	0.917	14.1	0.740	0.622	40.1	0.966
248637.0	843138.6	129.7	12.603	8.102	32.7	14.982	19.4	11.923	0.157	0.893	80.0	0.907	14.1	0.756	0.593	38.1	0.961
248636.3	843137.9	129.6	12.464	8.018	32.8	14.820	19.7	11.793	0.148	0.885	80.5	0.897	14.1	0.772	0.565	36.2	0.957
248635.6	843137.2	129.7	12.353	7.952	32.8	14.691	19.9	11.691	0.143	0.878	80.7	0.889	14.4	0.788	0.554	35.1	0.963
248634.9	843136.5	129.7	12.294	7.920	32.8	14.624	20.2	11.638	0.144	0.871	80.6	0.883	15.3	0.802	0.582	36.0	0.991
248634.2	843135.7	129.8	12.243	7.894	32.8	14.567	20.4	11.592	0.147	0.866	80.3	0.879	16.2	0.817	0.611	36.8	1.020
248633.5	843135.0	129.8	12.208	7.877	32.8	14.528	20.6	11.561	0.152	0.861	80.0	0.875	17.1	0.833	0.644	37.7	1.053
248632.8	843134.3	129.8	12.150	7.845	32.9	14.462	20.8	11.509	0.154	0.857	79.8	0.871	17.7	0.852	0.650	37.3	1.072
248632.1	843133.6	129.9	12.108	7.823	32.9	14.415	20.9	11.471	0.157	0.854	79.6	0.868	18.3	0.872	0.662	37.2	1.094
248631.4	843132.9	129.9	12.071	7.803	32.9	14.373	21.1	11.438	0.160	0.852	79.3	0.867	18.8	0.892	0.669	36.9	1.115

Max EF along centerline is 2.524 (kV/m) at 45.000 (m) from structure [redacted]-6

Cross section results at max EF along centerline between structures [redacted]-6 and [redacted]-7





3D EMF Point Results Span from [redacted]-6 to [redacted]-7:

Measurement			B					H	EF					Space Potential				
X (m)	Y (m)	Z (m)	Real (uT)	Imaginary (uT)	Angle (deg)	Magnitude (uT)	Polarization Axial Ratio %	Magnitude (A/m)	Real (kV/m)	Imaginary (kV/m)	Angle (deg)	Magnitude (kV/m)	Polarization Axial Ratio %	Real (kV)	Imaginary (kV)	Angle (deg)	Magnitude (kV)	
248817.7	843303.2	119.2	12.350	7.906	32.6	14.663	4.0	11.669	0.147	0.214	55.5	0.260	29.6	-0.444	0.034	-4.4	0.445	
248817.0	843303.9	119.1	12.706	8.200	32.8	15.122	3.7	12.034	0.188	0.261	54.2	0.321	24.5	-0.571	0.108	-10.7	0.582	
248816.3	843304.6	118.9	13.032	8.474	33.0	15.545	3.3	12.370	0.232	0.313	53.4	0.390	20.4	-0.694	0.150	-12.2	0.710	
248815.6	843305.3	118.8	13.428	8.811	33.3	16.061	3.0	12.781	0.285	0.371	52.5	0.468	17.5	-0.847	0.231	-15.3	0.878	
248814.8	843306.0	118.9	13.939	9.245	33.6	16.726	2.8	13.310	0.346	0.436	51.5	0.556	15.4	-1.061	0.396	-20.5	1.133	
248814.1	843306.7	118.9	14.418	9.665	33.8	17.357	2.5	13.813	0.412	0.509	51.0	0.655	13.4	-1.268	0.529	-22.7	1.374	
248813.4	843307.4	118.8	14.933	10.125	34.1	18.042	2.2	14.357	0.486	0.591	50.6	0.765	11.7	-1.500	0.686	-24.6	1.649	
248812.7	843308.1	118.8	15.490	10.632	34.5	18.788	1.8	14.951	0.568	0.684	50.3	0.889	10.2	-1.762	0.875	-26.4	1.967	
248812.0	843308.8	118.8	16.080	11.182	34.8	19.586	1.5	15.586	0.659	0.789	50.1	1.028	8.9	-2.051	1.090	-28.0	2.322	

248811.2	843309.5	118.7	16.702	11.776	35.2	20.435	1.1	16.262	0.760	0.906	50.0	1.183	7.7	-2.365	1.333	-29.4	2.715
248810.5	843310.2	118.7	17.317	12.384	35.6	21.289	0.6	16.941	0.869	1.038	50.0	1.354	6.7	-2.677	1.570	-30.4	3.103
248809.8	843310.9	118.6	17.973	13.047	36.0	22.209	0.3	17.673	0.990	1.184	50.1	1.543	5.8	-3.024	1.850	-31.5	3.545
248809.1	843311.6	118.6	18.665	13.765	36.4	23.192	0.6	18.455	1.121	1.345	50.2	1.751	5.0	-3.406	2.175	-32.6	4.041
248808.4	843312.3	118.6	19.375	14.522	36.9	24.213	1.1	19.268	1.262	1.521	50.3	1.976	4.4	-3.811	2.531	-33.6	4.575
248807.7	843313.0	118.6	20.093	15.312	37.3	25.262	1.8	20.103	1.411	1.711	50.5	2.218	3.8	-4.234	2.913	-34.5	5.139
248806.9	843313.7	118.5	20.771	16.091	37.8	26.275	2.6	20.909	1.568	1.912	50.7	2.472	3.3	-4.637	3.274	-35.2	5.676
248806.2	843314.4	118.4	21.321	16.770	38.2	27.125	3.5	21.586	1.726	2.119	50.8	2.732	3.0	-4.938	3.513	-35.4	6.060
248805.5	843315.1	118.3	21.821	17.419	38.6	27.921	4.5	22.219	1.884	2.327	51.0	2.994	2.7	-5.219	3.728	-35.5	6.414
248804.8	843315.8	118.2	22.224	17.990	39.0	28.592	5.6	22.753	2.039	2.528	51.1	3.248	2.5	-5.441	3.871	-35.4	6.678
248804.1	843316.5	118.1	22.498	18.442	39.3	29.090	6.8	23.149	2.183	2.713	51.2	3.482	2.4	-5.582	3.910	-35.0	6.815
248803.3	843317.2	118.0	22.684	18.813	39.7	29.470	8.0	23.452	2.314	2.874	51.2	3.689	2.4	-5.691	3.908	-34.5	6.904
248802.6	843317.9	117.9	22.676	18.985	39.9	29.575	9.4	23.535	2.422	2.997	51.1	3.853	2.3	-5.668	3.736	-33.4	6.789
248801.9	843318.6	117.8	22.552	19.035	40.2	29.511	10.7	23.484	2.505	3.077	50.8	3.968	2.3	-5.599	3.505	-32.0	6.605
248801.2	843319.2	117.6	22.275	18.917	40.3	29.224	12.2	23.255	2.558	3.106	50.5	4.024	2.3	-5.447	3.171	-30.2	6.303
248800.5	843319.9	117.4	21.644	18.408	40.4	28.413	13.6	22.611	2.574	3.076	50.1	4.011	2.2	-4.974	2.456	-26.3	5.547
248799.8	843320.6	117.2	20.898	17.760	40.4	27.425	15.1	21.824	2.559	2.994	49.5	3.939	2.0	-4.430	1.679	-20.8	4.737
248799.0	843321.3	116.9	19.828	16.745	40.2	25.953	16.5	20.653	2.511	2.863	48.8	3.808	1.6	-3.527	0.524	-8.5	3.566
248798.3	843322.0	116.3	18.396	15.326	39.8	23.944	17.9	19.054	2.437	2.700	47.9	3.637	0.9	-2.119	-1.127	28.0	2.401
248797.6	843322.7	115.8	17.103	14.055	39.4	22.137	19.1	17.616	2.349	2.520	47.0	3.445	1.3	-0.862	-2.505	71.0	2.649
248796.9	843323.4	115.5	16.238	13.237	39.2	20.950	20.3	16.671	2.243	2.313	45.9	3.222	2.1	-0.286	-3.056	84.7	3.069
248796.2	843324.1	115.1	15.246	12.282	38.9	19.578	21.4	15.579	2.124	2.100	44.7	2.987	3.6	0.480	-3.727	-82.7	3.758

Centerline results between structures [redacted]-7 and [redacted]-8

3D EMF Point Results Centerline from [redacted]-7 to [redacted]-8:

Measurement			B					H	EF					Space Potential			
X (m)	Y (m)	Z (m)	Real (uT)	Imaginary (uT)	Angle (deg)	Magnitude (uT)	Polarization Axial Ratio %	Magnitude (A/m)	Real (kV/m)	Imaginary (kV/m)	Angle (deg)	Magnitude (kV/m)	Polarization Axial Ratio %	Real (kV)	Imaginary (kV)	Angle (deg)	Magnitude (kV)
248630.5	843132.0	129.9	12.042	7.789	32.9	14.341	21.3	11.412	0.165	0.850	79.0	0.865	19.5	0.918	0.681	36.6	1.143
248629.8	843131.2	129.9	11.984	7.754	32.9	14.274	21.4	11.359	0.164	0.848	79.1	0.864	19.3	0.938	0.651	34.8	1.142
248629.1	843130.5	129.9	11.986	7.757	32.9	14.277	21.5	11.361	0.169	0.848	78.8	0.865	19.9	0.959	0.663	34.7	1.166
248628.4	843129.8	130.0	12.026	7.783	32.9	14.325	21.6	11.399	0.177	0.849	78.2	0.868	20.8	0.980	0.700	35.5	1.204
248627.7	843129.1	129.9	11.955	7.736	32.9	14.240	21.7	11.332	0.171	0.850	78.6	0.867	19.9	0.998	0.635	32.5	1.183
248627.0	843128.4	129.9	12.000	7.764	32.9	14.293	21.7	11.374	0.177	0.852	78.2	0.870	20.7	1.019	0.660	32.9	1.214
248626.3	843127.7	130.0	12.067	7.806	32.9	14.372	21.7	11.437	0.186	0.854	77.7	0.874	21.6	1.040	0.698	33.9	1.253
248625.6	843126.9	130.0	12.138	7.849	32.9	14.454	21.7	11.502	0.194	0.857	77.3	0.879	22.4	1.061	0.732	34.6	1.289
248625.0	843126.2	129.9	12.150	7.853	32.9	14.467	21.7	11.512	0.194	0.860	77.3	0.882	22.3	1.079	0.712	33.4	1.293
248624.3	843125.5	129.9	12.169	7.861	32.9	14.487	21.7	11.529	0.194	0.863	77.4	0.885	22.1	1.096	0.694	32.3	1.297
248623.6	843124.8	129.9	12.197	7.874	32.8	14.518	21.7	11.553	0.194	0.867	77.4	0.888	22.1	1.112	0.679	31.4	1.303
248622.9	843124.1	129.8	12.232	7.892	32.8	14.557	21.7	11.584	0.194	0.870	77.4	0.892	22.0	1.128	0.667	30.6	1.310
248622.2	843123.3	129.8	12.275	7.913	32.8	14.604	21.6	11.622	0.195	0.874	77.4	0.895	22.0	1.143	0.658	29.9	1.319
248621.5	843122.6	129.7	12.325	7.940	32.8	14.662	21.6	11.667	0.197	0.877	77.3	0.899	22.1	1.158	0.655	29.5	1.331
248620.8	843121.9	129.7	12.399	7.982	32.8	14.746	21.5	11.734	0.201	0.881	77.1	0.904	22.5	1.173	0.669	29.7	1.351
248620.1	843121.2	129.7	12.485	8.032	32.8	14.845	21.5	11.814	0.207	0.885	76.9	0.909	23.0	1.188	0.694	30.3	1.376
248619.4	843120.5	129.7	12.546	8.065	32.7	14.915	21.4	11.869	0.209	0.888	76.8	0.912	23.2	1.201	0.698	30.1	1.389
248618.7	843119.8	129.6	12.581	8.081	32.7	14.953	21.4	11.899	0.208	0.891	76.9	0.915	23.0	1.212	0.681	29.3	1.390
248618.0	843119.0	129.5	12.618	8.100	32.7	14.994	21.3	11.932	0.208	0.894	76.9	0.918	22.9	1.222	0.668	28.7	1.392
248617.3	843118.3	129.4	12.648	8.113	32.7	15.027	21.3	11.958	0.206	0.896	77.0	0.920	22.7	1.231	0.651	27.9	1.392
248616.6	843117.6	129.4	12.679	8.128	32.7	15.061	21.2	11.985	0.205	0.899	77.1	0.922	22.5	1.239	0.637	27.2	1.393
248615.9	843116.9	129.3	12.711	8.144	32.6	15.096	21.2	12.013	0.205	0.901	77.2	0.924	22.4	1.247	0.625	26.6	1.395
248615.2	843116.2	129.2	12.744	8.160	32.6	15.133	21.1	12.042	0.205	0.902	77.2	0.925	22.3	1.253	0.617	26.2	1.397
248614.5	843115.4	129.1	12.740	8.153	32.6	15.125	21.1	12.036	0.200	0.903	77.5	0.925	21.8	1.258	0.582	24.8	1.386
248613.8	843114.7	129.0	12.735	8.146	32.6	15.117	21.1	12.030	0.196	0.904	77.8	0.925	21.3	1.262	0.549	23.5	1.376
248613.1	843114.0	128.9	12.730	8.139	32.6	15.110	21.0	12.024	0.192	0.905	78.0	0.925	20.8	1.265	0.519	22.3	1.367
248612.4	843113.3	128.8	12.725	8.132	32.6	15.102	21.0	12.018	0.189	0.905	78.2	0.925	20.4	1.267	0.491	21.2	1.359
248611.7	843112.6	128.6	12.720	8.125	32.6	15.094	21.0	12.011	0.185	0.905	78.4	0.924	20.0	1.269	0.466	20.2	1.352
248611.0	843111.9	128.5	12.715	8.118	32.6	15.086	21.0	12.005	0.182	0.905	78.6	0.923	19.7	1.271	0.443	19.2	1.346
248610.3	843111.1	128.4	12.707	8.110	32.5	15.074	21.0	11.996	0.179	0.905	78.8	0.922	19.3	1.272	0.421	18.3	1.339
248609.6	843110.4	128.3	12.697	8.101	32.5	15.061	20.9	11.985	0.177	0.904	79.0	0.921	19.0	1.272	0.399	17.4	1.333
248608.9	843109.7	128.2	12.692	8.095	32.5	15.054	20.9	11.979	0.174	0.904	79.1	0.920	18.7	1.272	0.384	16.8	1.329
248608.2	843109.0	128.1	12.669	8.078	32.5	15.025	20.9	11.957	0.170	0.903	79.3	0.919	18.3	1.271	0.356	15.7	1.320
248607.6	843108.3	128.0	12.665	8.073	32.5	15.020	20.9	11.952	0.169	0.902	79.4	0.918	18.1	1.271	0.346	15.2	1.317
248606.9	843107.5	127.9	12.665	8.071	32.5	15.018	20.9	11.951	0.168	0.901	79.4	0.917	18.0	1.271	0.341	15.0	1.316
248606.2	843106.8	127.7	12.664	8.068	32.5	15.016	20.9	11.949	0.168	0.900	79.5	0.916	17.9	1.270	0.336	14.8	1.314
248605.5	843106.1	127.6	12.662	8.065	32.5	15.012	20.9	11.946	0.167	0.899	79.5	0.915	17.9	1.270	0.332	14.7	1.312
248604.8	843105.4	127.5	12.659	8.062	32.5	15.008	20.9	11.943	0.166	0.898	79.5	0.914	17.8	1.269	0.329	14.6	1.311
248604.1	843104.7	127.4	12.655	8.058	32.5	15.003	20.9	11.939	0.166	0.897	79.5	0.913	17.8	1.268	0.327	14.5	1.310
248603.4	843104.0	127.3	12.651	8.054	32.5	14.997	20.8	11.934	0.165	0.896	79.5	0.911	17.8	1.267	0.325	14.4	1.308
248602.7	843103.2	127.2	12.646	8.049	32.5	14.990	20.8	11.929	0.165	0.895	79.6	0.910	17.7	1.266	0.324	14.3	1.307
248602.0	843102.5	127.1	12.639	8.044	32.5	14.982	20.8	11.922	0.165	0.894	79.6	0.909	17.7	1.265	0.323	14.3	1.306
248601.3	843101.8	127.0	12.632	8.038	32.5	14.973	20.8	11.915	0.164	0.893	79.6	0.908	17.7	1.264	0.322	14.3	1.305
248600.6	843101.1	126.9	12.620	8.029	32.5	14.958	20.8	11.903	0.164	0.892	79.6	0.907	17.6	1.263	0.317	14.1	1.302
248599.9	843100.4	126.8	12.621	8.029	32.5	14.958	20.8	11.903	0.164	0.891	79.5	0.907	17.7	1.263	0.324	14.4	1.304
248599.2	843099.6	126.7	12.608	8.020	32.5	14.943	20.8	11.891	0.164	0.890	79.6	0.905	17.7	1.261	0.321	14.3	1.302
248598.5	843098.9	126.6	12.592	8.009	32.5	14.923	20.8	11.876	0.163	0.889	79.6	0.904	17.6	1.260	0.316	14.1	1.299
248597.8	843098.2	126.5	12.576	7.998	32.5	14.903	20.8	11.860	0.162	0.888	79.7	0.903	17.5	1.259	0.312	13.9	1.297
248597.1	843097.5	126.4	12.558	7.986	32.5	14.883	20.8	11.843	0.161	0.887	79.7	0.902	17.4	1.257	0.307	13.7	1.294
248596.4	843096.8	126.3	12.540	7.974	32.5	14.861	20.8	11.826	0.160	0.886	79.7	0.901	17.3	1.256	0.302	13.5	1.291
248595.7	843096.1	126.2	12.521	7.961	32.4	14.838	20.8	11.808	0.160	0.885	79.8	0.900	17.2	1.254	0.298	13.4	1.289
248595.0	843095.3	126.0	12.500	7.947	32.4	14.813	20.8	11.788	0.159	0.884	79.8	0.898	17.1	1.252	0.292	13.1	1.285
248594.3	843094.6	125.9	12.477	7.932	32.4	14.785	20.9	11.765	0.157	0.883	79.9	0.897	17.0	1.249	0.285	12.9	1.282

248593.6	843093.9	125.8	12.453	7.916	32.4	14.756	20.9	11.743	0.156	0.882	80.0	0.895	16.8	1.247	0.279	12.6	1.278
248592.9	843093.2	125.7	12.429	7.900	32.4	14.727	20.9	11.719	0.155	0.881	80.0	0.894	16.7	1.244	0.272	12.3	1.274
248592.2	843092.5	125.6	12.403	7.883	32.4	14.696	20.9	11.695	0.154	0.879	80.1	0.893	16.6	1.241	0.265	12.1	1.269
248591.5	843091.8	125.5	12.377	7.866	32.4	14.665	20.9	11.670	0.153	0.878	80.1	0.891	16.4	1.238	0.258	11.8	1.265
248590.8	843091.0	125.4	12.350	7.849	32.4	14.633	20.9	11.645	0.151	0.877	80.2	0.889	16.3	1.235	0.251	11.5	1.260
248590.2	843090.3	125.3	12.321	7.830	32.4	14.598	20.9	11.617	0.150	0.875	80.3	0.888	16.1	1.231	0.243	11.2	1.255
248589.5	843089.6	125.2	12.299	7.816	32.4	14.572	20.9	11.596	0.149	0.874	80.3	0.886	16.1	1.228	0.241	11.1	1.251
248588.8	843088.9	125.0	12.276	7.801	32.4	14.545	20.9	11.575	0.149	0.872	80.3	0.885	16.0	1.224	0.238	11.0	1.247
248588.1	843088.2	124.9	12.253	7.786	32.4	14.517	20.9	11.552	0.148	0.871	80.4	0.883	15.9	1.220	0.236	10.9	1.243
248587.4	843087.4	124.8	12.228	7.770	32.4	14.488	21.0	11.529	0.147	0.869	80.4	0.882	15.8	1.216	0.233	10.8	1.238
248586.7	843086.7	124.7	12.203	7.754	32.4	14.458	21.0	11.506	0.146	0.868	80.4	0.880	15.7	1.212	0.230	10.7	1.234
248586.0	843086.0	124.6	12.178	7.738	32.4	14.428	21.0	11.481	0.145	0.866	80.5	0.879	15.6	1.208	0.226	10.6	1.229
248585.3	843085.3	124.5	12.151	7.721	32.4	14.397	21.0	11.456	0.144	0.865	80.5	0.877	15.5	1.203	0.222	10.5	1.223
248584.6	843084.6	124.4	12.124	7.703	32.4	14.364	21.0	11.431	0.143	0.863	80.6	0.875	15.4	1.198	0.218	10.3	1.218
248583.9	843083.9	124.3	12.097	7.685	32.4	14.332	21.0	11.405	0.142	0.862	80.6	0.874	15.3	1.193	0.213	10.1	1.212
248583.2	843083.1	124.2	12.068	7.667	32.4	14.298	21.0	11.378	0.141	0.861	80.7	0.872	15.1	1.188	0.207	9.9	1.206
248582.5	843082.4	124.1	12.039	7.649	32.4	14.263	21.0	11.350	0.140	0.859	80.7	0.870	15.0	1.183	0.201	9.7	1.200
248581.8	843081.7	124.0	12.009	7.630	32.4	14.228	21.1	11.322	0.139	0.858	80.8	0.869	14.8	1.178	0.195	9.4	1.194
248581.1	843081.0	123.9	11.979	7.610	32.4	14.192	21.1	11.294	0.137	0.856	80.9	0.867	14.6	1.172	0.188	9.1	1.187
248580.4	843080.3	123.8	11.948	7.591	32.4	14.155	21.1	11.264	0.136	0.855	81.0	0.865	14.4	1.167	0.180	8.8	1.181
248579.7	843079.5	123.7	11.917	7.570	32.4	14.118	21.1	11.235	0.134	0.853	81.0	0.864	14.2	1.161	0.171	8.4	1.173
248579.0	843078.8	123.6	11.884	7.550	32.4	14.080	21.1	11.204	0.133	0.852	81.1	0.862	14.0	1.155	0.162	8.0	1.166
248578.3	843078.1	123.5	11.852	7.529	32.4	14.041	21.1	11.173	0.131	0.850	81.2	0.860	13.8	1.148	0.152	7.5	1.158
248577.6	843077.4	123.3	11.818	7.508	32.4	14.001	21.1	11.142	0.129	0.849	81.3	0.859	13.5	1.142	0.141	7.0	1.151
248576.9	843076.7	123.2	11.759	7.470	32.4	13.931	21.2	11.086	0.125	0.847	81.6	0.857	12.9	1.133	0.109	5.5	1.139
248576.2	843076.0	123.2	11.782	7.485	32.4	13.959	21.2	11.108	0.129	0.847	81.4	0.856	13.5	1.130	0.144	7.2	1.139
248575.5	843075.2	123.1	11.818	7.508	32.4	14.002	21.2	11.142	0.134	0.846	81.0	0.856	14.2	1.127	0.188	9.5	1.143
248574.8	843074.5	123.1	11.854	7.531	32.4	14.044	21.1	11.175	0.139	0.845	80.7	0.856	14.9	1.124	0.231	11.6	1.147
248574.1	843073.8	123.1	11.903	7.562	32.4	14.102	21.1	11.222	0.146	0.845	80.2	0.857	15.8	1.121	0.285	14.3	1.157
248573.4	843073.1	122.9	11.825	7.513	32.4	14.010	21.2	11.149	0.139	0.843	80.7	0.854	14.9	1.110	0.236	12.0	1.135
248572.7	843072.4	122.8	11.735	7.455	32.4	13.902	21.2	11.063	0.131	0.841	81.2	0.851	13.7	1.097	0.176	9.1	1.111
248572.1	843071.6	122.6	11.645	7.398	32.4	13.796	21.2	10.979	0.123	0.839	81.7	0.848	12.6	1.084	0.115	6.1	1.090
248571.4	843070.9	122.5	11.573	7.352	32.4	13.711	21.3	10.911	0.117	0.838	82.1	0.846	11.6	1.072	0.068	3.6	1.074
248570.7	843070.2	122.4	11.555	7.340	32.4	13.690	21.3	10.894	0.116	0.837	82.1	0.845	11.5	1.062	0.064	3.4	1.064
248570.0	843069.5	122.3	11.537	7.329	32.4	13.668	21.3	10.876	0.115	0.836	82.2	0.844	11.3	1.052	0.059	3.2	1.054
248569.3	843068.8	122.2	11.517	7.316	32.4	13.645	21.3	10.858	0.114	0.835	82.2	0.843	11.1	1.042	0.052	2.8	1.043
248568.6	843068.1	122.1	11.497	7.304	32.4	13.621	21.3	10.839	0.113	0.834	82.3	0.842	10.9	1.030	0.043	2.4	1.031
248567.9	843067.3	122.1	11.486	7.297	32.4	13.608	21.3	10.829	0.112	0.834	82.3	0.841	10.7	1.019	0.041	2.3	1.020
248567.2	843066.6	122.0	11.507	7.310	32.4	13.633	21.3	10.849	0.115	0.833	82.2	0.841	11.0	1.009	0.063	3.6	1.011
248566.5	843065.9	122.0	11.530	7.325	32.4	13.660	21.3	10.871	0.117	0.833	82.0	0.841	11.3	0.999	0.087	4.9	1.003
248565.8	843065.2	121.9	11.553	7.340	32.4	13.687	21.3	10.892	0.119	0.833	81.9	0.842	11.6	0.989	0.108	6.2	0.994
248565.1	843064.5	121.9	11.575	7.354	32.4	13.713	21.3	10.913	0.121	0.833	81.7	0.842	11.8	0.977	0.126	7.4	0.985
248564.4	843063.7	121.8	11.538	7.331	32.4	13.670	21.3	10.878	0.117	0.833	82.0	0.841	11.1	0.961	0.096	5.7	0.966
248563.7	843063.0	121.7	11.491	7.301	32.4	13.614	21.3	10.834	0.113	0.832	82.3	0.840	10.2	0.943	0.054	3.3	0.945
248563.0	843062.3	121.6	11.444	7.270	32.4	13.558	21.4	10.789	0.109	0.832	82.6	0.839	9.3	0.925	0.011	0.7	0.925
248562.3	843061.6	121.5	11.412	7.250	32.4	13.520	21.4	10.759	0.106	0.832	82.7	0.839	8.6	0.907	-0.022	-1.4	0.907
248561.6	843060.9	121.5	11.439	7.268	32.4	13.552	21.4	10.784	0.107	0.833	82.7	0.840	8.7	0.893	-0.008	-0.5	0.893
248560.9	843060.2	121.4	11.469	7.287	32.4	13.588	21.4	10.813	0.109	0.834	82.6	0.841	8.7	0.879	0.006	0.4	0.879
248560.2	843059.4	121.4	11.498	7.306	32.4	13.623	21.4	10.841	0.110	0.835	82.5	0.842	8.7	0.865	0.018	1.2	0.866
248559.5	843058.7	121.4	11.529	7.326	32.4	13.660	21.3	10.870	0.111	0.836	82.4	0.844	8.7	0.852	0.028	1.9	0.852
248558.8	843058.0	121.4	11.628	7.390	32.4	13.778	21.3	10.964	0.117	0.838	82.1	0.846	9.6	0.843	0.091	6.2	0.848
248558.1	843057.3	121.5	11.728	7.454	32.4	13.896	21.3	11.058	0.123	0.841	81.7	0.849	10.5	0.835	0.151	10.3	0.849
248557.4	843056.6	121.5	11.828	7.518	32.4	14.015	21.2	11.153	0.128	0.843	81.3	0.853	11.4	0.828	0.209	14.1	0.854
248556.7	843055.8	121.5	11.926	7.581	32.4	14.131	21.2	11.245	0.134	0.846	81.0	0.856	12.1	0.820	0.261	17.6	0.861
248556.0	843055.1	121.6	11.987	7.620	32.4	14.204	21.2	11.303	0.136	0.848	80.9	0.859	12.3	0.810	0.280	19.1	0.857
248555.3	843054.4	121.5	12.020	7.642	32.4	14.244	21.2	11.335	0.135	0.851	81.0	0.862	12.0	0.798	0.275	19.0	0.844
248554.7	843053.7	121.5	12.050	7.661	32.4	14.279	21.2	11.363	0.134	0.854	81.1	0.864	11.6	0.786	0.264	18.6	0.830
248554.0	843053.0	121.5	12.120	7.706	32.4	14.362	21.1	11.429	0.136	0.857	81.0	0.868	11.8	0.779	0.282	19.9	0.828
248553.3	843052.3	121.6	12.213	7.765	32.5	14.472	21.1	11.517	0.139	0.861	80.8	0.872	12.2	0.774	0.313	22.0	0.835
248552.6	843051.5	121.6	12.305	7.825	32.5	14.583	21.1	11.605	0.142	0.865	80.7	0.876	12.6	0.770	0.342	23.9	0.843
248551.9	843050.8	121.6	12.399	7.885	32.5	14.694	21.0	11.693	0.145	0.869	80.5	0.881	12.9	0.767	0.367	25.5	0.851
248551.2	843050.1	121.7	12.496	7.948	32.5	14.810	21.0	11.785	0.148	0.873	80.4	0.886	13.3	0.766	0.392	27.1	0.860
248550.5	843049.4	121.7	12.568	7.994	32.5	14.895	21.0	11.853	0.148	0.878	80.5	0.890	13.2	0.763	0.393	27.2	0.858
248549.8	843048.7	121.7	12.615	8.024	32.5	14.951	20.9	11.898	0.145	0.882	80.7	0.894	12.7	0.760	0.371	26.0	0.846
248549.1	843048.0	121.7	12.653	8.049	32.5	14.996	20.9	11.934	0.142	0.887	80.9	0.898	12.0	0.757	0.340	24.2	0.829
248548.4	843047.2	121.7	12.702	8.080	32.5	15.054	20.9	11.980	0.139	0.892	81.2	0.903	11.5	0.756	0.312	22.5	0.818
248547.7	843046.5	121.7	12.783	8.132	32.5	15.150	20.9	12.056	0.138	0.897	81.3	0.908	11.3	0.758	0.305	21.9	0.817
248547.0	843045.8	121.7	12.863	8.184	32.5	15.246	20.9	12.132	0.137	0.903	81.4	0.914	11.1	0.762	0.294	21.1	0.817
248546.3	843045.1	121.7	12.943	8.235	32.5	15.341	20.8	12.208	0.135	0.909	81.5	0.919	10.9	0.768	0.279	20.0	0.817
248545.6	843044.4	121.8	13.024	8.287	32.5	15.436	20.8	12.284	0.133	0.916	81.7	0.925	10.5	0.774	0.259	18.5	0.816
248544.9	843043.6	121.8	13.104	8.338	32.5	15.532	20.8	12.360	0.131	0.923	81.9	0.932	10.1	0.782	0.235	16.7	0.817
248544.2	843042.9	121.8	13.184	8.390	32.5	15.627	20.7	12.436	0.128	0.930	82.1	0.938	9.7	0.791	0.207	14.7	0.817
248543.5	843042.2	121.9	13.319	8.477	32.5	15.788	20.7	12.564	0.130	0.937	82.1	0.946	10.0	0.805	0.216	15.0	0.834
248542.8	843041.5	122.0	13.460	8.567	32.5	15.956	20.6	12.697	0.131	0.946	82.1	0.955	10.3	0.821	0.224	15.3	0.851
248542.1	843040.8	122.0	13.601	8.658	32.5	16.123	20.6	12.830	0.132	0.954	82.1	0.963	10.5	0.837	0.228	15.2	0.867
248541.4	843040.1	122.1	13.742	8.748	32.5	16.291	20.5	12.964	0.133	0.963	82.1	0.972	10.6	0.854	0.227	14.9	0.884
248540.7	843039.3	122.2	13.885	8.840	32.5	16.460	20.5	13.099	0.133	0.972	82.2	0.981	10.7	0.872	0.222	14.3	0.900
248540.0	843038.6	122.2	14.029	8.932	32.5	16.631	20.4	13.235	0.133	0.982	82.3	0.991	10.7	0.890	0.214	13.5	0.915
248539.3	843037.9	122.3	14.174	9.025	32.5	16.803	20.3	13.371	0.133	0.992	82.4	1.001	10.7	0.909	0.201	12.5	0.931
248538.6	843037.2	122.4	14.319	9.119	32.5	16.976	20.3	13.509	0.132	1.002	82.5	1.011	10.6	0.928	0.185	11.3	0.946
248537.9	843036.5	122.5	14.466	9.213	32.5	17.151	20.2	13.648	0.131	1.012	82.6	1.021	10.5	0.948	0.165	9.9	0.962
248537.3	843035.7	122.5	14.614	9.308	32.5	17.327	20.2	13.788	0.130	1.023	82.8	1.032	10.3	0.967	0.142	8.3	0.977
248536.6	843035.0	122.6	14.764	9.404	32.5	17.504	20.1	13.929	0.128	1.034	83.0	1.042	10.1	0.987	0.115	6.6	0.993
248535.9	843034.3	122.7	14.961	9.530	32.5	17.738	20.0	14.116	0.130	1.046	82.9	1.054	10.4	1.009	0.118	6.7	1.016
248535.2	843033.6	122.9	15.204	9.686	32.5	18.027	19.9	14.345	0.137	1.059	82.6	1.067	11.2	1.033	0.150	8.2	1.044
248534.5	843032.9	123.0	15.451	9.844	32.5	18.321	19.8	14.579	0.144	1.071	82.3	1.081	12.0	1.057	0.180	9.7	1.072
248533.8	843032.2	123.1	15.703	10.006	32.5	18.620	19.7	14.817	0.152	1.084	82.0	1.095	12.7	1.080	0.209	11.0	1.100

248533.1	843031.4	123.3	15.959	10.170	32.5	18.924	19.6	15.059	0.160	1.097	81.7	1.109	13.5	1.102	0.238	12.2	1.127
248532.4	843030.7	123.4	16.219	10.336	32.5	19.233	19.5	15.305	0.168	1.110	81.4	1.123	14.2	1.123	0.266	13.3	1.154
248531.7	843030.0	123.5	16.484	10.506	32.5	19.547	19.4	15.555	0.176	1.123	81.1	1.137	14.9	1.143	0.294	14.4	1.180
248531.0	843029.3	123.7	16.753	10.679	32.5	19.867	19.3	15.810	0.184	1.137	80.8	1.151	15.5	1.162	0.322	15.5	1.206
248530.3	843028.6	123.8	17.024	10.852	32.5	20.188	19.1	16.065	0.193	1.150	80.5	1.166	16.2	1.180	0.348	16.4	1.230
248529.6	843027.8	123.9	17.294	11.025	32.5	20.509	19.0	16.321	0.201	1.163	80.2	1.180	16.8	1.197	0.373	17.3	1.253
248528.9	843027.1	124.1	17.650	11.253	32.5	20.931	18.9	16.657	0.219	1.177	79.5	1.197	18.2	1.214	0.451	20.4	1.295
248528.2	843026.4	124.2	17.896	11.411	32.5	21.225	18.8	16.890	0.224	1.190	79.3	1.211	18.5	1.227	0.457	20.4	1.309
248527.5	843025.7	124.3	18.067	11.520	32.5	21.428	18.7	17.051	0.220	1.201	79.6	1.222	18.0	1.235	0.415	18.6	1.303
248526.8	843025.0	124.4	18.313	11.677	32.5	21.719	18.6	17.283	0.225	1.214	79.5	1.234	18.3	1.245	0.420	18.6	1.313
248526.1	843024.3	124.6	18.656	11.881	32.5	22.118	18.4	17.601	0.242	1.224	78.8	1.247	19.6	1.258	0.491	21.3	1.350
248525.4	843023.5	124.7	19.007	12.105	32.5	22.535	18.3	17.932	0.259	1.236	78.2	1.263	20.8	1.267	0.562	23.9	1.386
248524.7	843022.8	124.9	19.355	12.327	32.5	22.947	18.1	18.261	0.276	1.249	77.5	1.279	22.0	1.275	0.631	26.3	1.423
248524.0	843022.1	125.0	19.709	12.554	32.5	23.367	18.0	18.595	0.293	1.261	76.9	1.294	23.2	1.281	0.704	28.8	1.462
248523.3	843021.4	125.2	19.990	12.734	32.5	23.702	17.9	18.861	0.303	1.272	76.6	1.307	23.7	1.284	0.735	29.8	1.480
248522.6	843020.7	125.2	20.210	12.875	32.5	23.962	17.8	19.069	0.305	1.281	76.6	1.317	23.7	1.285	0.730	29.6	1.478
248521.9	843019.9	125.3	20.432	13.017	32.5	24.227	17.7	19.279	0.307	1.291	76.6	1.327	23.8	1.284	0.730	29.6	1.477
248521.2	843019.2	125.5	20.855	13.288	32.5	24.728	17.5	19.678	0.333	1.302	75.6	1.344	25.6	1.288	0.848	33.4	1.542
248520.5	843018.5	125.7	21.345	13.601	32.5	25.310	17.3	20.141	0.367	1.314	74.4	1.364	27.9	1.292	1.005	37.9	1.637
248519.9	843017.8	125.8	21.643	13.792	32.5	25.664	17.2	20.423	0.379	1.323	74.0	1.376	28.6	1.292	1.053	39.2	1.666
248519.2	843017.1	125.9	21.789	13.885	32.5	25.837	17.1	20.561	0.373	1.330	74.3	1.381	28.1	1.287	1.017	38.3	1.640
248518.5	843016.4	125.9	21.939	13.981	32.5	26.016	17.0	20.703	0.369	1.336	74.6	1.386	27.6	1.283	0.986	37.5	1.618
248517.8	843015.6	125.9	21.950	13.988	32.5	26.028	17.0	20.712	0.348	1.341	75.5	1.385	25.9	1.276	0.879	34.6	1.549
248517.1	843014.9	125.9	22.075	14.068	32.5	26.177	17.0	20.831	0.340	1.346	75.8	1.389	25.3	1.272	0.838	33.4	1.523
248516.4	843014.2	126.0	22.133	14.105	32.5	26.246	17.0	20.886	0.325	1.351	76.5	1.390	24.0	1.267	0.762	31.0	1.479
248515.7	843013.5	126.0	22.193	14.143	32.5	26.316	16.9	20.942	0.310	1.356	77.1	1.391	22.8	1.263	0.688	28.6	1.439
248515.0	843012.8	126.0	22.251	14.180	32.5	26.385	16.9	20.997	0.295	1.361	77.8	1.393	21.6	1.261	0.614	26.0	1.403
248514.3	843012.0	125.8	21.785	13.883	32.5	25.833	17.1	20.557	0.218	1.361	80.9	1.379	15.7	1.247	0.242	11.0	1.270
248513.6	843011.3	125.9	22.068	14.064	32.5	26.169	17.0	20.824	0.230	1.368	80.5	1.387	16.5	1.254	0.300	13.4	1.289
248512.9	843010.6	126.1	22.715	14.477	32.5	26.937	16.7	21.435	0.285	1.379	78.3	1.408	20.6	1.273	0.561	23.8	1.391
248512.2	843009.9	126.3	23.164	14.764	32.5	27.469	16.5	21.859	0.318	1.388	77.1	1.424	22.8	1.288	0.706	28.7	1.469
248511.5	843009.2	126.5	23.642	15.069	32.5	28.036	16.3	22.311	0.353	1.398	75.8	1.442	25.3	1.306	0.863	33.5	1.565
248510.8	843008.5	126.6	23.944	15.262	32.5	28.395	16.2	22.596	0.368	1.407	75.3	1.454	26.2	1.321	0.923	34.9	1.611
248510.1	843007.7	126.7	24.260	15.464	32.5	28.770	16.1	22.894	0.385	1.415	74.8	1.466	27.2	1.338	0.989	36.5	1.664
248509.4	843007.0	126.8	24.502	15.619	32.5	29.057	16.0	23.122	0.394	1.422	74.5	1.476	27.7	1.355	1.016	36.9	1.693
248508.7	843006.3	126.7	24.290	15.483	32.5	28.805	16.1	22.923	0.349	1.424	76.2	1.466	24.5	1.365	0.804	30.5	1.584
248508.0	843005.6	126.7	24.236	15.448	32.5	28.741	16.1	22.871	0.323	1.427	77.3	1.463	22.6	1.380	0.675	26.1	1.536
248507.3	843004.9	126.7	24.307	15.493	32.5	28.824	16.1	22.938	0.311	1.432	77.7	1.466	21.7	1.398	0.612	23.6	1.526
248506.6	843004.2	126.7	24.375	15.537	32.5	28.906	16.0	23.003	0.300	1.438	78.2	1.469	20.9	1.419	0.548	21.1	1.521
248505.9	843003.4	126.7	24.443	15.579	32.5	28.986	16.0	23.066	0.289	1.443	78.7	1.472	20.0	1.440	0.483	18.5	1.519
248505.2	843002.7	126.8	24.808	15.812	32.5	29.419	15.8	23.411	0.314	1.451	77.8	1.485	21.6	1.468	0.576	21.4	1.577
248504.5	843002.0	127.0	25.205	16.066	32.5	29.890	15.7	23.786	0.343	1.460	76.8	1.500	23.5	1.496	0.684	24.6	1.645
248503.8	843001.3	127.0	25.195	16.059	32.5	29.878	15.7	23.776	0.323	1.464	77.6	1.500	22.1	1.519	0.579	20.9	1.626
248503.1	843000.6	127.0	25.324	16.141	32.5	30.030	15.6	23.897	0.320	1.470	77.7	1.505	21.8	1.545	0.546	19.5	1.639
248502.5	842999.8	127.1	25.450	16.221	32.5	30.180	15.6	24.016	0.317	1.476	77.9	1.510	21.5	1.571	0.512	18.1	1.652
248501.8	842999.1	127.1	25.652	16.350	32.5	30.420	15.5	24.207	0.323	1.482	77.7	1.517	21.8	1.598	0.519	18.0	1.680
248501.1	842998.4	127.2	25.873	16.491	32.5	30.681	15.4	24.415	0.332	1.489	77.4	1.525	22.2	1.625	0.534	18.2	1.710
248500.4	842997.7	127.3	26.094	16.631	32.5	30.943	15.3	24.624	0.340	1.496	77.2	1.534	22.7	1.651	0.550	18.4	1.740
248499.7	842997.0	127.4	26.335	16.785	32.5	31.229	15.2	24.851	0.352	1.502	76.8	1.543	23.3	1.678	0.576	19.0	1.774
248499.0	842996.3	127.5	26.580	16.941	32.5	31.520	15.1	25.083	0.363	1.509	76.5	1.552	24.0	1.704	0.605	19.5	1.808
248498.3	842995.5	127.5	26.811	17.088	32.5	31.794	15.0	25.301	0.374	1.515	76.1	1.560	24.5	1.729	0.627	19.9	1.839
248497.6	842994.8	127.6	26.969	17.188	32.5	31.980	14.9	25.449	0.375	1.520	76.1	1.565	24.5	1.753	0.612	19.3	1.856
248496.9	842994.1	127.6	27.125	17.288	32.5	32.166	14.9	25.597	0.376	1.525	76.2	1.570	24.5	1.776	0.598	18.6	1.874
248496.2	842993.4	127.7	27.280	17.386	32.5	32.350	14.8	25.743	0.377	1.530	76.2	1.575	24.5	1.798	0.584	18.0	1.891
248495.5	842992.7	127.7	27.417	17.473	32.5	32.512	14.8	25.872	0.376	1.534	76.2	1.579	24.3	1.820	0.562	17.2	1.905
248494.8	842991.9	127.8	27.546	17.555	32.5	32.664	14.7	25.993	0.374	1.538	76.4	1.583	24.1	1.841	0.537	16.2	1.918
248494.1	842991.2	127.8	27.673	17.635	32.5	32.815	14.7	26.113	0.371	1.542	76.5	1.586	23.9	1.861	0.511	15.4	1.930
248493.4	842990.5	127.9	27.800	17.715	32.5	32.965	14.6	26.232	0.369	1.546	76.6	1.590	23.7	1.881	0.486	14.5	1.943
248492.7	842989.8	127.9	27.925	17.795	32.5	33.113	14.6	26.350	0.366	1.550	76.7	1.593	23.4	1.900	0.460	13.6	1.955
248492.0	842989.1	128.0	28.119	17.918	32.5	33.343	14.5	26.533	0.371	1.555	76.6	1.598	23.7	1.919	0.469	13.7	1.975
248491.3	842988.4	128.1	28.334	18.054	32.5	33.597	14.4	26.736	0.379	1.560	76.3	1.605	24.1	1.937	0.487	14.1	1.998
248490.6	842987.6	128.1	28.461	18.135	32.5	33.748	14.3	26.856	0.376	1.563	76.5	1.608	23.9	1.955	0.463	13.3	2.009
248489.9	842986.9	128.2	28.587	18.215	32.5	33.897	14.3	26.974	0.373	1.567	76.6	1.611	23.6	1.973	0.438	12.5	2.021
248489.2	842986.2	128.2	28.794	18.346	32.5	34.142	14.2	27.169	0.379	1.572	76.4	1.617	23.9	1.991	0.451	12.8	2.041
248488.5	842985.5	128.3	29.004	18.479	32.5	34.390	14.1	27.367	0.386	1.577	76.2	1.623	24.2	2.008	0.465	13.0	2.062
248487.8	842984.8	128.4	29.213	18.612	32.5	34.638	14.0	27.564	0.392	1.582	76.1	1.630	24.6	2.026	0.478	13.3	2.082
248487.1	842984.0	128.5	29.423	18.745	32.5	34.886	13.9	27.762	0.398	1.587	75.9	1.636	24.8	2.044	0.491	13.5	2.102
248486.4	842983.3	128.5	29.632	18.877	32.5	35.134	13.9	27.959	0.404	1.592	75.7	1.642	25.1	2.062	0.502	13.7	2.122
248485.7	842982.6	128.6	29.840	19.009	32.5	35.381	13.8	28.155	0.410	1.597	75.6	1.649	25.4	2.080	0.512	13.8	2.142
248485.1	842981.9	128.7	30.049	19.141	32.5	35.627	13.7	28.351	0.416	1.602	75.5	1.655	25.6	2.098	0.520	13.9	2.162
248484.4	842981.2	128.8	30.256	19.273	32.5	35.873	13.6	28.547	0.421	1.607	75.3	1.661	25.8	2.117	0.528	14.0	2.182
248483.7	842980.5	128.8	30.466	19.406	32.5	36.121	13.5	28.744	0.426	1.612	75.2	1.668	26.1	2.136	0.537	14.1	2.203
248483.0	842979.7	128.9	30.676	19.539	32.5	36.370	13.4	28.942	0.432	1.617	75.0	1.674	26.3	2.156	0.544	14.2	2.224
248482.3	842979.0	129.0	30.914	19.689	32.5	36.652	13.3	29.167	0.441	1.623	74.8	1.682	26.7	2.176	0.565	14.5	2.248
248481.6	842978.3	129.1	31.110	19.813	32.5	36.883	13.2	29.351	0.445	1.628	74.7	1.688	26.9	2.197	0.566	14.4	2.269
248480.9	842977.6	129.1	31.275	19.917	32.5	37.078	13.2	29.506	0.445	1.632	74.7	1.692	26.8	2.219	0.553	14.0	2.286
248480.2	842976.9	129.2	31.438	20.020	32.5	37.272	13.1	29.660	0.446	1.636	74.8	1.696	26.8	2.240	0.541	13.6	2.305
248479.5	842976.1	129.3	31.601	20.123	32.5	37.464	13.0	29.813	0.447	1.640	74.8	1.700	26.7	2.263	0.529	13.2	2.324
248478.8	842975.4	129.3	31.762	20.224	32.5	37.654	13.0	29.964	0.447	1.644	74.8	1.704	26.7	2.285	0.518	12.8	2.343
248478.1	842974.7	129.4	31.921	20.325	32.5	37.843	12.9	30.114	0.449	1.648	74.8	1.708	26.7	2.308	0.508	12.4	2.363
248477.4	842974.0	129.5	32.080	20.424	32.5	38.030	12.9	30.263	0.450	1.651	74.7	1.711	26.7	2.331	0.500	12.1	2.384
248476.7	842973.3	129.5	32.236	20.523	32.5	38.215	12.8	30.411	0.452	1.653	74.7	1.714	26.8	2.353	0.492	11.8	2.404
248476.0	842972.6	129.6	32.392	20.621	32.5	38.399	12.7	30.557	0.454	1.656	74.7	1.717	26.9	2.376	0.487	11.6	2.426
248475.3	842971.8	129.6	32.546	20.718	32.5	38.580	12.7	30.701	0.457	1.658	74.6	1.720	27.0	2.399	0.483	11.4	2.447
248474.6	842971.1	129.7	32.698	20.813	32.5	38.760	12.6	30.844	0.460	1.660	74.5	1.722	27.1	2.421	0.481	11.2	2.469
248473.9	842970.4	129.8	32.849	20.908	32.5	38.938	12.5	30.986	0.463	1.661	74.4	1.725	27.3	2.444	0.480	11.1	2.490
248473.2	842969.7	129.8	32.998	21.002	32.5	39.115	12.5	31.126	0.467	1.663	74.3	1.727	27.4	2.466	0.481	11.0	2.512

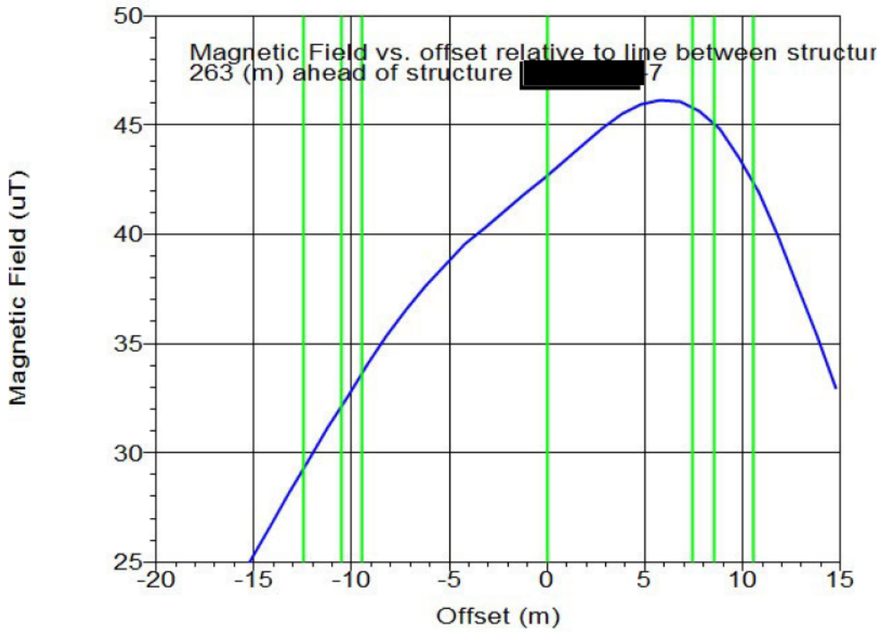
248472.5	842969.0	129.9	33.093	21.061	32.5	39.226	12.5	31.215	0.465	1.663	74.4	1.727	27.3	2.488	0.460	10.5	2.530
248471.8	842968.2	129.9	33.173	21.110	32.5	39.320	12.4	31.290	0.461	1.664	74.5	1.726	27.1	2.510	0.434	9.8	2.547
248471.1	842967.5	130.0	33.251	21.158	32.5	39.412	12.4	31.363	0.457	1.664	74.6	1.726	26.9	2.532	0.409	9.2	2.565
248470.4	842966.8	130.0	33.339	21.213	32.5	39.516	12.4	31.446	0.455	1.664	74.7	1.726	26.8	2.554	0.390	8.7	2.584
248469.7	842966.1	130.1	33.426	21.266	32.5	39.617	12.3	31.526	0.454	1.665	74.8	1.726	26.6	2.576	0.370	8.2	2.603
248469.0	842965.4	130.1	33.510	21.318	32.5	39.716	12.3	31.605	0.452	1.666	74.8	1.726	26.5	2.599	0.350	7.7	2.622
248468.3	842964.7	130.2	33.592	21.369	32.5	39.812	12.3	31.682	0.450	1.666	74.9	1.726	26.4	2.621	0.330	7.2	2.642
248467.7	842963.9	130.2	33.671	21.418	32.5	39.906	12.2	31.756	0.448	1.667	75.0	1.726	26.3	2.644	0.308	6.6	2.662
248467.0	842963.2	130.3	33.746	21.464	32.5	39.994	12.2	31.826	0.446	1.668	75.0	1.727	26.1	2.668	0.283	6.1	2.683
248466.3	842962.5	130.3	33.815	21.506	32.5	40.075	12.2	31.891	0.443	1.669	75.1	1.727	26.0	2.692	0.256	5.4	2.704
248465.6	842961.8	130.4	33.882	21.547	32.5	40.153	12.2	31.953	0.440	1.671	75.2	1.728	25.8	2.716	0.227	4.8	2.726
248464.9	842961.1	130.4	33.946	21.586	32.5	40.228	12.1	32.013	0.437	1.673	75.4	1.729	25.6	2.742	0.196	4.1	2.749
248464.2	842960.4	130.5	34.008	21.624	32.4	40.301	12.1	32.070	0.434	1.675	75.5	1.730	25.3	2.767	0.164	3.4	2.772
248463.5	842959.6	130.5	34.068	21.660	32.4	40.370	12.1	32.126	0.430	1.677	75.6	1.731	25.1	2.794	0.130	2.7	2.797
248462.8	842958.9	130.6	34.125	21.694	32.4	40.437	12.1	32.179	0.427	1.679	75.7	1.732	24.9	2.821	0.094	1.9	2.822
248462.1	842958.2	130.6	34.180	21.727	32.4	40.502	12.1	32.230	0.423	1.681	75.9	1.733	24.7	2.848	0.058	1.2	2.848
248461.4	842957.5	130.7	34.218	21.749	32.4	40.545	12.1	32.264	0.418	1.683	76.1	1.734	24.3	2.875	0.015	0.3	2.875
248460.7	842956.8	130.7	34.357	21.836	32.4	40.708	12.0	32.395	0.426	1.686	75.8	1.739	24.7	2.902	0.015	0.3	2.902
248460.0	842956.0	130.8	34.496	21.922	32.4	40.873	11.9	32.525	0.434	1.689	75.6	1.744	25.1	2.928	0.017	0.3	2.929
248459.3	842955.3	130.9	34.644	22.015	32.4	41.047	11.9	32.664	0.444	1.692	75.3	1.749	25.6	2.955	0.024	0.5	2.955
248458.6	842954.6	130.9	34.805	22.115	32.4	41.236	11.8	32.815	0.455	1.695	75.0	1.755	26.2	2.980	0.038	0.7	2.981
248457.9	842953.9	131.0	34.929	22.192	32.4	41.382	11.8	32.931	0.463	1.697	74.7	1.759	26.6	3.006	0.039	0.7	3.006
248457.2	842953.2	131.1	35.018	22.246	32.4	41.487	11.7	33.014	0.468	1.699	74.6	1.762	26.8	3.031	0.028	0.5	3.031
248456.5	842952.5	131.1	35.108	22.301	32.4	41.592	11.7	33.098	0.473	1.700	74.5	1.764	27.1	3.055	0.021	0.4	3.055
248455.8	842951.7	131.2	35.259	22.395	32.4	41.770	11.6	33.239	0.486	1.702	74.1	1.770	27.8	3.077	0.042	0.8	3.078
248455.1	842951.0	131.3	35.408	22.488	32.4	41.946	11.6	33.379	0.500	1.703	73.6	1.775	28.5	3.099	0.067	1.2	3.099
248454.4	842950.3	131.4	35.555	22.579	32.4	42.119	11.5	33.517	0.514	1.704	73.2	1.780	29.3	3.119	0.094	1.7	3.120
248453.7	842949.6	131.4	35.661	22.644	32.4	42.243	11.5	33.616	0.524	1.705	72.9	1.784	29.8	3.138	0.109	2.0	3.140
248453.0	842948.9	131.5	35.674	22.650	32.4	42.257	11.5	33.627	0.524	1.704	72.9	1.783	29.8	3.157	0.088	1.6	3.158
248452.3	842948.1	131.5	35.704	22.667	32.4	42.291	11.5	33.654	0.527	1.703	72.8	1.783	30.0	3.174	0.080	1.4	3.175
248451.6	842947.4	131.6	35.754	22.696	32.4	42.350	11.5	33.701	0.532	1.703	72.6	1.784	30.3	3.189	0.085	1.5	3.191
248450.9	842946.7	131.6	35.802	22.724	32.4	42.405	11.4	33.744	0.539	1.702	72.4	1.785	30.7	3.203	0.092	1.7	3.205
248450.3	842946.0	131.7	35.854	22.755	32.4	42.466	11.4	33.793	0.547	1.701	72.2	1.786	31.2	3.216	0.107	1.9	3.217
248449.6	842945.3	131.8	35.907	22.787	32.4	42.527	11.4	33.842	0.555	1.699	71.9	1.788	31.7	3.226	0.126	2.2	3.229
248448.9	842944.6	131.8	35.958	22.816	32.4	42.586	11.4	33.889	0.564	1.698	71.6	1.789	32.2	3.236	0.148	2.6	3.239
248448.2	842943.8	131.9	36.006	22.844	32.4	42.641	11.4	33.933	0.573	1.696	71.3	1.790	32.7	3.244	0.174	3.1	3.249
248447.5	842943.1	131.9	36.051	22.871	32.4	42.694	11.4	33.975	0.583	1.694	71.0	1.792	33.3	3.251	0.202	3.6	3.257
248446.8	842942.4	131.9	35.829	22.727	32.4	42.430	11.5	33.764	0.561	1.690	71.6	1.780	32.3	3.260	0.124	2.2	3.262
248446.1	842941.7	131.9	35.640	22.604	32.4	42.204	11.6	33.585	0.544	1.685	72.1	1.771	31.4	3.267	0.062	1.1	3.268
248445.4	842941.0	132.0	35.559	22.551	32.4	42.107	11.6	33.508	0.540	1.682	72.2	1.767	31.3	3.273	0.049	0.9	3.273
248444.7	842940.2	132.0	35.476	22.495	32.4	42.007	11.6	33.428	0.537	1.679	72.3	1.763	31.2	3.277	0.037	0.7	3.278
248444.0	842939.5	132.0	35.393	22.440	32.4	41.907	11.7	33.348	0.533	1.676	72.3	1.759	31.1	3.282	0.028	0.5	3.282
248443.3	842938.8	132.0	35.322	22.393	32.4	41.822	11.7	33.281	0.532	1.673	72.3	1.756	31.1	3.285	0.026	0.5	3.285
248442.6	842938.1	132.1	35.250	22.344	32.4	41.735	11.8	33.211	0.531	1.670	72.4	1.753	31.1	3.288	0.026	0.5	3.289
248441.9	842937.4	132.1	35.174	22.294	32.4	41.644	11.8	33.139	0.531	1.668	72.4	1.750	31.1	3.291	0.027	0.5	3.291
248441.2	842936.7	132.1	35.097	22.242	32.4	41.551	11.8	33.065	0.530	1.665	72.3	1.748	31.2	3.294	0.029	0.5	3.294
248440.5	842935.9	132.2	35.017	22.189	32.4	41.455	11.9	32.989	0.529	1.663	72.3	1.745	31.2	3.295	0.032	0.6	3.296
248439.8	842935.2	132.2	34.980	22.163	32.4	41.410	11.9	32.953	0.534	1.661	72.2	1.744	31.5	3.296	0.056	1.0	3.297
248439.1	842934.5	132.3	34.943	22.137	32.4	41.365	11.9	32.917	0.540	1.658	72.0	1.744	31.9	3.296	0.081	1.4	3.297
248438.4	842933.8	132.3	34.904	22.110	32.4	41.317	11.9	32.879	0.545	1.656	71.8	1.743	32.2	3.296	0.108	1.9	3.297
248437.7	842933.1	132.3	34.775	22.026	32.3	41.164	12.0	32.757	0.540	1.653	71.9	1.739	32.0	3.294	0.100	1.7	3.296
248437.0	842932.3	132.4	34.642	21.939	32.3	41.005	12.1	32.630	0.535	1.649	72.0	1.734	31.8	3.292	0.092	1.6	3.293
248436.3	842931.6	132.4	34.507	21.850	32.3	40.843	12.1	32.502	0.530	1.645	72.1	1.728	31.7	3.289	0.086	1.5	3.290
248435.6	842930.9	132.4	34.369	21.761	32.3	40.679	12.2	32.371	0.525	1.641	72.3	1.723	31.5	3.283	0.081	1.4	3.284
248434.9	842930.2	132.4	34.230	21.670	32.3	40.512	12.3	32.239	0.521	1.637	72.4	1.718	31.3	3.277	0.078	1.4	3.278
248434.2	842929.5	132.5	34.087	21.577	32.3	40.343	12.3	32.104	0.516	1.633	72.5	1.712	31.1	3.269	0.076	1.3	3.270
248433.5	842928.8	132.5	33.912	21.464	32.3	40.134	12.4	31.938	0.507	1.628	72.7	1.705	30.8	3.259	0.062	1.1	3.260
248432.9	842928.0	132.5	33.713	21.335	32.3	39.897	12.5	31.749	0.496	1.623	73.0	1.697	30.2	3.248	0.039	0.7	3.248
248432.2	842927.3	132.5	33.512	21.206	32.3	39.658	12.6	31.559	0.486	1.618	73.3	1.689	29.7	3.235	0.018	0.3	3.235
248431.5	842926.6	132.5	33.310	21.076	32.3	39.418	12.7	31.368	0.475	1.612	73.6	1.681	29.2	3.220	-0.002	-0.0	3.220
248430.8	842925.9	132.5	33.107	20.945	32.3	39.177	12.8	31.176	0.464	1.607	73.9	1.672	28.7	3.204	-0.021	-0.4	3.204
248430.1	842925.2	132.5	32.901	20.813	32.3	38.931	12.9	30.980	0.453	1.601	74.2	1.664	28.1	3.186	-0.041	-0.7	3.186
248429.4	842924.4	132.5	32.693	20.679	32.3	38.684	13.0	30.784	0.442	1.596	74.5	1.656	27.6	3.166	-0.061	-1.1	3.167
248428.7	842923.7	132.5	32.484	20.545	32.3	38.435	13.1	30.586	0.431	1.590	74.8	1.648	27.0	3.146	-0.082	-1.5	3.147
248428.0	842923.0	132.5	32.274	20.410	32.3	38.186	13.2	30.388	0.419	1.585	75.2	1.639	26.4	3.124	-0.102	-1.9	3.126
248427.3	842922.3	132.5	32.063	20.275	32.3	37.936	13.3	30.188	0.408	1.580	75.5	1.631	25.8	3.102	-0.124	-2.3	3.104
248426.6	842921.6	132.6	31.882	20.157	32.3	37.719	13.4	30.016	0.400	1.575	75.8	1.625	25.4	3.079	-0.133	-2.5	3.082
248425.9	842920.9	132.6	31.755	20.075	32.3	37.569	13.4	29.896	0.398	1.571	75.8	1.621	25.3	3.056	-0.119	-2.2	3.059
248425.2	842920.1	132.6	31.632	19.995	32.3	37.421	13.5	29.779	0.397	1.567	75.8	1.617	25.3	3.034	-0.105	-2.0	3.036
248424.5	842919.4	132.7	31.506	19.914	32.3	37.272	13.5	29.660	0.395	1.564	75.8	1.613	25.2	3.011	-0.094	-1.8	3.013
248423.8	842918.7	132.7	31.392	19.839	32.3	37.135	13.6	29.551	0.394	1.561	75.8	1.609	25.2	2.989	-0.079	-1.5	2.990
248423.1	842918.0	132.7	31.292	19.774	32.3	37.016	13.7	29.456	0.394	1.558	75.8	1.607	25.3	2.968	-0.059	-1.1	2.968
248422.4	842917.3	132.8	31.190	19.707	32.3	36.894	13.7	29.359	0.395	1.555	75.8	1.604	25.4	2.947	-0.041	-0.8	2.947
248421.7	842916.6	132.8	31.086	19.639	32.3	36.770	13.8	29.261	0.395	1.553	75.7	1.602	25.4	2.927	-0.026	-0.5	2.927
248421.0	842915.8	132.9	30.996	19.580	32.3	36.663	13.8	29.175	0.396	1.551	75.7	1.600	25.6	2.907	-0.006	-0.1	2.907
248420.3	842915.1	132.9	30.932	19.537	32.3	36.586	13.8	29.114	0.401	1.549	75.5	1.600	25.9	2.889	0.024	0.5	2.889
248419.6	842914.4	133.0	30.866	19.493	32.3	36.506	13.9	29.050	0.405	1.547	75.3	1.599	26.2	2.872	0.051	1.0	2.872
248418.9	842913.7	133.0	30.800	19.450	32.3	36.427	13.9	28.988	0.410	1.545	75.2	1.598	26.5	2.855	0.079	1.6	2.856
248418.2	842913.0	133.1	30.734	19.405	32.3	36.347	13.9	28.924	0.414	1.543	75.0	1.598	26.8	2.839	0.105	2.1	2.841
248417.5	842912.2	133.1	30.665	19.360	32.3	36.265	14.0	28.859	0.418	1.542	74.8	1.597	27.1	2.825	0.130	2.6	2.828
248416.8	842911.5	133.2	30.595	19.313	32.3	36.181	14.0	28.792	0.422	1.540	74.7	1.597	27.4	2.811	0.153	3.1	2.815
248416.1	842910.8	133.3	30.523	19.265	32.3	36.094	14.0	28.723	0.426	1.538	74.5	1.596	27.7	2.797	0.176	3.6	2.803
248415.5	842910.1	133.3	30.448	19.216	32.3	36.005	14.1	28.652	0.430	1.536	74.4	1.595	28.0	2.785	0.197	4.0	2.792
248414.8	842909.4	133.4	30.372	19.165	32.3	35.913	14.1	28.579	0.434	1.534	74.2	1.594	28.3	2.773	0.217	4.5	2.782
248414.1	842908.7	133.4	30.293	19.113	32.3	35.819	14.2	28.504	0.437	1.532	74.1	1.593	28.5	2.762	0.237	4.9	2.773
248413.4	842907.9	133.5	30.212	19.060	32.2	35.722	14.2	28.427	0.441	1.530	73.9	1.592	28.8	2.752	0.257	5.3	2.764
248412.7	842907.2	133.5	30.075	18.972	32.2	35.559	14.3	28.297	0.438	1.527	74.0	1.588	28.7	2.741	0.251	5.2	2.753

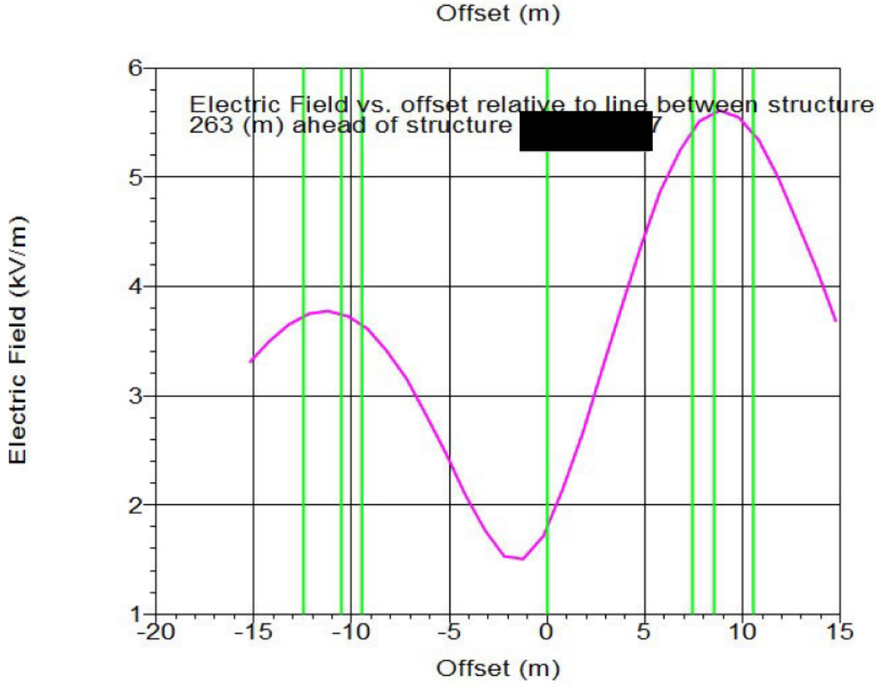
248412.0	842906.5	133.5	29.925	18.875	32.2	35.380	14.3	28.154	0.434	1.524	74.1	1.584	28.5	2.731	0.240	5.0	2.741
248411.3	842905.8	133.6	29.773	18.777	32.2	35.199	14.4	28.011	0.430	1.520	74.2	1.580	28.3	2.721	0.230	4.8	2.730
248410.6	842905.1	133.6	29.620	18.679	32.2	35.017	14.5	27.866	0.427	1.517	74.3	1.575	28.1	2.710	0.220	4.6	2.719
248409.9	842904.3	133.7	29.465	18.580	32.2	34.834	14.6	27.720	0.423	1.513	74.4	1.571	27.9	2.700	0.210	4.4	2.708
248409.2	842903.6	133.7	29.310	18.480	32.2	34.649	14.6	27.573	0.419	1.509	74.5	1.566	27.7	2.690	0.201	4.3	2.698
248408.5	842902.9	133.7	29.153	18.379	32.2	34.463	14.7	27.425	0.416	1.505	74.6	1.561	27.6	2.680	0.194	4.1	2.687
248407.8	842902.2	133.8	28.995	18.277	32.2	34.275	14.8	27.275	0.413	1.500	74.6	1.556	27.4	2.669	0.187	4.0	2.676
248407.1	842901.5	133.8	28.887	18.207	32.2	34.146	14.8	27.173	0.416	1.496	74.5	1.553	27.7	2.659	0.206	4.4	2.667
248406.4	842900.8	133.9	28.780	18.138	32.2	34.019	14.9	27.071	0.419	1.492	74.3	1.549	28.0	2.649	0.227	4.9	2.659
248405.7	842900.0	133.9	28.672	18.068	32.2	33.890	14.9	26.969	0.422	1.487	74.2	1.546	28.3	2.638	0.249	5.4	2.650
248405.0	842899.3	134.0	28.562	17.997	32.2	33.759	15.0	26.865	0.425	1.482	74.0	1.542	28.6	2.627	0.271	5.9	2.641
248404.3	842898.6	134.0	28.451	17.924	32.2	33.626	15.1	26.759	0.429	1.478	73.8	1.538	28.9	2.616	0.295	6.4	2.632
248403.6	842897.9	134.0	28.260	17.803	32.2	33.400	15.1	26.579	0.423	1.472	74.0	1.531	28.6	2.602	0.283	6.2	2.617
248402.9	842897.2	134.1	28.042	17.664	32.2	33.141	15.2	26.373	0.415	1.465	74.2	1.523	28.1	2.586	0.258	5.7	2.599
248402.2	842896.4	134.1	27.823	17.525	32.2	32.882	15.3	26.167	0.406	1.459	74.5	1.515	27.6	2.571	0.234	5.2	2.581
248401.5	842895.7	134.1	27.605	17.386	32.2	32.623	15.4	25.961	0.398	1.453	74.7	1.506	27.1	2.555	0.210	4.7	2.563
248400.8	842895.0	134.1	27.386	17.247	32.2	32.364	15.5	25.755	0.389	1.447	74.9	1.498	26.5	2.538	0.187	4.2	2.545
248400.1	842894.3	134.1	27.168	17.108	32.2	32.105	15.6	25.549	0.381	1.440	75.2	1.490	26.0	2.522	0.164	3.7	2.527
248399.4	842893.6	134.2	27.008	17.006	32.2	31.916	15.7	25.398	0.379	1.435	75.2	1.484	26.0	2.507	0.170	3.9	2.513
248398.7	842892.9	134.2	26.852	16.906	32.2	31.731	15.8	25.251	0.378	1.429	75.2	1.478	26.0	2.492	0.178	4.1	2.499
248398.1	842892.1	134.3	26.697	16.807	32.2	31.547	15.9	25.105	0.377	1.424	75.2	1.473	26.0	2.478	0.187	4.3	2.485
248397.4	842891.4	134.3	26.552	16.714	32.2	31.375	15.9	24.967	0.378	1.418	75.1	1.468	26.1	2.464	0.200	4.6	2.472
248396.7	842890.7	134.4	26.405	16.620	32.2	31.201	16.0	24.829	0.378	1.413	75.0	1.463	26.1	2.451	0.213	5.0	2.460
248396.0	842890.0	134.4	26.258	16.526	32.2	31.025	16.1	24.689	0.377	1.408	75.0	1.457	26.2	2.438	0.225	5.3	2.448
248395.3	842889.3	134.4	26.109	16.431	32.2	30.849	16.2	24.549	0.377	1.402	74.9	1.452	26.2	2.425	0.238	5.6	2.436
248394.6	842888.5	134.5	25.972	16.352	32.2	30.691	16.2	24.423	0.377	1.399	74.9	1.449	26.2	2.406	0.248	5.9	2.419
248393.9	842887.8	134.5	25.822	16.256	32.2	30.513	16.3	24.281	0.377	1.394	74.9	1.444	26.3	2.394	0.260	6.2	2.408
248393.2	842887.1	134.6	25.708	16.183	32.2	30.378	16.4	24.174	0.381	1.389	74.7	1.440	26.7	2.384	0.290	6.9	2.401
248392.5	842886.4	134.6	25.590	16.108	32.2	30.238	16.4	24.062	0.384	1.384	74.5	1.436	27.0	2.374	0.319	7.7	2.395
248391.8	842885.7	134.7	25.409	15.992	32.2	30.023	16.5	23.891	0.380	1.378	74.6	1.429	26.8	2.361	0.316	7.6	2.382
248391.1	842885.0	134.7	25.227	15.877	32.2	29.808	16.6	23.720	0.377	1.371	74.6	1.422	26.6	2.349	0.313	7.6	2.370
248390.4	842884.2	134.7	25.045	15.761	32.2	29.592	16.7	23.549	0.373	1.365	74.7	1.415	26.4	2.338	0.311	7.6	2.358
248389.7	842883.5	134.8	24.863	15.646	32.2	29.376	16.8	23.377	0.370	1.359	74.8	1.408	26.2	2.326	0.309	7.6	2.346
248389.0	842882.8	134.8	24.681	15.530	32.2	29.160	16.8	23.205	0.367	1.353	74.8	1.401	26.1	2.315	0.306	7.5	2.335
248388.3	842882.1	134.8	24.498	15.414	32.2	28.944	16.9	23.033	0.363	1.346	74.9	1.394	25.9	2.304	0.304	7.5	2.324
248387.6	842881.4	134.9	24.315	15.298	32.2	28.727	17.0	22.860	0.360	1.340	74.9	1.387	25.7	2.293	0.303	7.5	2.313
248386.9	842880.6	134.9	24.132	15.182	32.2	28.510	17.1	22.688	0.357	1.333	75.0	1.380	25.6	2.283	0.302	7.5	2.303
248386.2	842879.9	135.0	23.949	15.065	32.2	28.293	17.2	22.515	0.354	1.326	75.0	1.373	25.4	2.272	0.301	7.5	2.292
248385.5	842879.2	135.0	23.766	14.949	32.2	28.077	17.3	22.343	0.351	1.320	75.1	1.366	25.3	2.262	0.300	7.5	2.282
248384.8	842878.5	135.0	23.583	14.833	32.2	27.860	17.4	22.170	0.349	1.313	75.1	1.358	25.1	2.252	0.299	7.6	2.272
248384.1	842877.8	135.1	23.400	14.717	32.2	27.643	17.4	21.998	0.346	1.306	75.2	1.351	25.0	2.242	0.299	7.6	2.261
248383.4	842877.1	135.1	23.217	14.602	32.2	27.427	17.5	21.826	0.343	1.299	75.2	1.344	24.8	2.232	0.298	7.6	2.251
248382.7	842876.3	135.1	23.034	14.486	32.2	27.210	17.6	21.653	0.341	1.292	75.2	1.336	24.7	2.221	0.298	7.6	2.241
248382.0	842875.6	135.2	22.851	14.370	32.2	26.994	17.7	21.481	0.338	1.285	75.3	1.329	24.6	2.211	0.298	7.7	2.231
248381.3	842874.9	135.2	22.669	14.255	32.2	26.778	17.8	21.309	0.336	1.278	75.3	1.322	24.4	2.201	0.298	7.7	2.221
248380.7	842874.2	135.2	22.498	14.146	32.2	26.576	17.9	21.148	0.335	1.271	75.3	1.315	24.4	2.191	0.305	7.9	2.212
248380.0	842873.5	135.3	22.338	14.045	32.2	26.386	17.9	20.998	0.335	1.265	75.2	1.308	24.5	2.182	0.317	8.3	2.205
248379.3	842872.8	135.3	22.178	13.943	32.2	26.197	18.0	20.847	0.335	1.258	75.1	1.301	24.6	2.172	0.329	8.6	2.197
248378.6	842872.0	135.4	22.018	13.842	32.2	26.007	18.1	20.696	0.335	1.251	75.0	1.295	24.7	2.163	0.342	9.0	2.190
248377.9	842871.3	135.4	21.854	13.738	32.2	25.813	18.2	20.541	0.334	1.244	75.0	1.288	24.8	2.153	0.352	9.3	2.182
248377.2	842870.6	135.4	21.628	13.596	32.2	25.547	18.3	20.329	0.327	1.236	75.2	1.279	24.2	2.139	0.328	8.7	2.164
248376.5	842869.9	135.4	21.405	13.455	32.2	25.282	18.4	20.119	0.321	1.228	75.4	1.270	23.6	2.124	0.305	8.2	2.146
248375.8	842869.2	135.4	21.182	13.315	32.2	25.019	18.5	19.910	0.315	1.221	75.6	1.261	23.1	2.110	0.282	7.6	2.129
248375.1	842868.4	135.5	20.989	13.193	32.2	24.791	18.6	19.728	0.311	1.213	75.6	1.253	22.8	2.097	0.276	7.5	2.115
248374.4	842867.7	135.5	20.815	13.083	32.2	24.585	18.7	19.564	0.310	1.206	75.6	1.245	22.8	2.085	0.279	7.6	2.104
248373.7	842867.0	135.5	20.641	12.973	32.1	24.379	18.7	19.400	0.308	1.199	75.6	1.238	22.7	2.073	0.283	7.8	2.092
248373.0	842866.3	135.6	20.467	12.863	32.1	24.173	18.8	19.237	0.307	1.191	75.6	1.230	22.6	2.061	0.286	7.9	2.081
248372.3	842865.6	135.6	20.294	12.753	32.1	23.968	18.9	19.073	0.306	1.184	75.5	1.223	22.6	2.049	0.290	8.1	2.070
248371.6	842864.9	135.7	20.142	12.657	32.1	23.789	19.0	18.931	0.306	1.177	75.4	1.216	22.7	2.039	0.306	8.5	2.061
248370.9	842864.1	135.7	19.994	12.564	32.1	23.614	19.1	18.791	0.307	1.169	75.3	1.209	22.9	2.028	0.324	9.1	2.054
248370.2	842863.4	135.8	19.846	12.470	32.1	23.439	19.1	18.652	0.308	1.162	75.1	1.202	23.1	2.018	0.341	9.6	2.047
248369.5	842862.7	135.8	19.698	12.376	32.1	23.263	19.2	18.512	0.309	1.155	75.0	1.196	23.3	2.008	0.358	10.1	2.039
248368.8	842862.0	135.9	19.550	12.282	32.1	23.088	19.3	18.373	0.310	1.148	74.9	1.189	23.4	1.997	0.374	10.6	2.032
248368.1	842861.3	135.9	19.380	12.175	32.1	22.887	19.4	18.213	0.308	1.140	74.9	1.181	23.4	1.985	0.378	10.8	2.021
248367.4	842860.5	135.9	19.208	12.067	32.1	22.684	19.4	18.051	0.306	1.133	74.9	1.174	23.3	1.972	0.380	10.9	2.009
248366.7	842859.8	136.0	19.037	11.959	32.1	22.481	19.5	17.890	0.305	1.125	74.9	1.166	23.2	1.960	0.381	11.0	1.997
248366.0	842859.1	136.0	18.867	11.851	32.1	22.280	19.6	17.730	0.303	1.118	74.8	1.158	23.0	1.948	0.383	11.1	1.985
248365.3	842858.4	136.0	18.697	11.744	32.1	22.079	19.7	17.570	0.301	1.111	74.8	1.151	22.9	1.935	0.384	11.2	1.973
248364.6	842857.7	136.1	18.528	11.637	32.1	21.879	19.8	17.411	0.299	1.103	74.8	1.143	22.8	1.923	0.385	11.3	1.961
248363.9	842857.0	136.1	18.360	11.531	32.1	21.681	19.8	17.253	0.297	1.096	74.8	1.135	22.7	1.911	0.387	11.4	1.950
248363.3	842856.2	136.1	18.193	11.426	32.1	21.483	19.9	17.096	0.295	1.088	74.8	1.128	22.5	1.899	0.388	11.5	1.938
248362.6	842855.5	136.2	18.026	11.321	32.1	21.287	20.0	16.939	0.294	1.081	74.8	1.120	22.4	1.887	0.388	11.6	1.926
248361.9	842854.8	136.2	17.861	11.217	32.1	21.091	20.1	16.783	0.292	1.074	74.8	1.112	22.3	1.874	0.389	11.7	1.914
248361.2	842854.1	136.2	17.696	11.113	32.1	20.896	20.2	16.628	0.290	1.066	74.8	1.105	22.1	1.862	0.389	11.8	1.903
248360.5	842853.4	136.3	17.532	11.009	32.1	20.702	20.2	16.474	0.288	1.059	74.8	1.097	22.0	1.850	0.389	11.9	1.891
248359.8	842852.6	136.3	17.368	10.906	32.1	20.509	20.3	16.320	0.286	1.051	74.8	1.090	21.8	1.838	0.389	12.0	1.879
248359.1	842851.9	136.4	17.206	10.804	32.1	20.316	20.4	16.167	0.284	1.044	74.8	1.082	21.7	1.826	0.389	12.0	1.867
248358.4	842851.2	136.4	17.044	10.702	32.1	20.125	20.5	16.015	0.282	1.037	74.8	1.074	21.5	1.814	0.388	12.1	1.855
248357.7	842850.5	136.4	16.883	10.601	32.1	19.935	20.5	15.864	0.280	1.029	74.8	1.067	21.4	1.802	0.387	12.1	1.843
248357.0	842849.8	136.5	16.714	10.494	32.1	19.735	20.6	15.705	0.278	1.022	74.8	1.059	21.1	1.789	0.380	12.0	1.829
248356.3	842849.1	136.5	16.545	10.388	32.1	19.535	20.7	15.546	0.275	1.015	74.8	1.051	20.8	1.776	0.372	11.8	1.814
248355.6	842848.3	136.5	16.377	10.282	32.1	19.337	20.8	15.388	0.272	1.007	74.9	1.043	20.5	1.762	0.364	11.7	1.800
248354.9	842847.6	136.5	16.210	10.177	32.1	19.139	20.9	15.231	0.269	1.000	74.9	1.035	20.2	1.749	0.355	11.5	1.785
248354.2	842846.9	136.6	16.044	10.073	32.1	18.943	20.9	15.075	0.267	0.993	75.0	1.028	19.8	1.736	0.346	11.3	1.770
248353.5	842846.2	136.6	15.879	9.969	32.1	18.749	21.0	14.920	0.264	0.985	75.0	1.020	19.5	1.722	0.337	11.1	1.755
248352.8	842845.5	136.6	15.715	9.866	32.1	18.555	21.1	14.766	0.261	0.978	75.0	1.012	19.2	1.709	0.328	10.9	1.740
248352.1	842844.7	136.7	15.622	9.807	32.1	18.446	21.1	14.679	0.265	0.972	74.8	1.007	19.8	1.704	0.364	12.0	1.743

248351.4	842844.0	136.8	15.548	9.760	32.1	18.358	21.2	14.609	0.269	0.965	74.4	1.002	20.6	1.702	0.411	13.6	1.751
248350.7	842843.3	136.9	15.457	9.702	32.1	18.249	21.2	14.522	0.272	0.959	74.2	0.997	21.2	1.698	0.446	14.7	1.756
248350.0	842842.6	136.9	15.304	9.606	32.1	18.069	21.3	14.379	0.270	0.952	74.2	0.990	21.0	1.686	0.440	14.6	1.743
248349.3	842841.9	136.9	15.118	9.489	32.1	17.849	21.4	14.203	0.265	0.945	74.3	0.981	20.3	1.669	0.411	13.8	1.719
248348.6	842841.2	136.9	14.946	9.381	32.1	17.646	21.5	14.042	0.261	0.938	74.4	0.973	19.8	1.654	0.390	13.3	1.700
248347.9	842840.4	137.0	14.791	9.284	32.1	17.463	21.5	13.897	0.259	0.931	74.5	0.966	19.5	1.641	0.380	13.0	1.685
248347.2	842839.7	137.0	14.638	9.187	32.1	17.282	21.6	13.753	0.257	0.924	74.5	0.959	19.1	1.628	0.369	12.8	1.669
248346.5	842839.0	137.0	14.483	9.090	32.1	17.100	21.7	13.607	0.254	0.917	74.5	0.952	18.8	1.615	0.357	12.5	1.654
248345.9	842838.3	137.1	14.303	8.977	32.1	16.887	21.8	13.438	0.250	0.910	74.7	0.944	18.1	1.597	0.325	11.5	1.630
248345.2	842837.6	137.1	14.125	8.865	32.1	16.677	21.9	13.271	0.245	0.903	74.8	0.936	17.4	1.580	0.294	10.6	1.607
248344.5	842836.8	137.1	13.953	8.757	32.1	16.473	21.9	13.109	0.242	0.896	74.9	0.928	16.7	1.562	0.266	9.6	1.585
248343.8	842836.1	137.1	13.786	8.652	32.1	16.276	22.0	12.952	0.238	0.890	75.0	0.921	16.1	1.546	0.240	8.8	1.564
248343.1	842835.4	137.1	13.623	8.550	32.1	16.083	22.1	12.799	0.235	0.883	75.1	0.914	15.5	1.529	0.215	8.0	1.544
248342.4	842834.7	137.1	13.483	8.462	32.1	15.918	22.2	12.667	0.234	0.877	75.1	0.907	15.2	1.516	0.206	7.7	1.530
248341.7	842834.0	137.2	13.346	8.376	32.1	15.757	22.2	12.539	0.232	0.870	75.0	0.901	15.0	1.502	0.197	7.5	1.515
248341.0	842833.3	137.3	13.263	8.323	32.1	15.658	22.3	12.460	0.235	0.864	74.8	0.896	15.6	1.497	0.226	8.6	1.514
248340.3	842832.5	137.3	13.179	8.270	32.1	15.559	22.3	12.381	0.237	0.858	74.6	0.891	16.1	1.492	0.255	9.7	1.514
248339.6	842831.8	137.4	13.095	8.217	32.1	15.460	22.4	12.302	0.239	0.853	74.4	0.885	16.6	1.487	0.282	10.7	1.513
248338.9	842831.1	137.5	13.011	8.164	32.1	15.360	22.4	12.223	0.241	0.847	74.1	0.880	17.1	1.481	0.309	11.8	1.513
248338.2	842830.4	137.6	12.927	8.111	32.1	15.261	22.5	12.144	0.243	0.841	73.9	0.875	17.6	1.476	0.335	12.8	1.513
248337.5	842829.7	137.7	12.839	8.056	32.1	15.157	22.5	12.062	0.245	0.835	73.7	0.870	18.1	1.469	0.357	13.7	1.512
248336.8	842829.0	137.7	12.712	7.976	32.1	15.007	22.6	11.943	0.243	0.829	73.6	0.864	17.9	1.456	0.351	13.6	1.498
248336.1	842828.2	137.7	12.576	7.891	32.1	14.846	22.6	11.814	0.242	0.823	73.6	0.858	17.6	1.441	0.337	13.2	1.480
248335.4	842827.5	137.8	12.437	7.804	32.1	14.683	22.7	11.684	0.240	0.817	73.7	0.851	17.2	1.425	0.320	12.7	1.461
248334.7	842826.8	137.8	12.300	7.717	32.1	14.520	22.8	11.555	0.238	0.811	73.7	0.845	16.8	1.410	0.304	12.2	1.442
248334.0	842826.1	137.8	12.163	7.632	32.1	14.360	22.8	11.427	0.236	0.805	73.7	0.838	16.4	1.394	0.287	11.6	1.423
248333.3	842825.4	137.9	12.039	7.554	32.1	14.213	22.9	11.310	0.235	0.799	73.6	0.832	16.2	1.380	0.279	11.4	1.408
248332.6	842824.6	138.0	11.990	7.523	32.1	14.154	22.9	11.264	0.238	0.793	73.3	0.828	17.2	1.380	0.326	13.3	1.418
248331.9	842823.9	138.1	11.939	7.491	32.1	14.095	23.0	11.216	0.242	0.788	72.9	0.824	18.2	1.380	0.372	15.1	1.429
248331.2	842823.2	138.2	11.861	7.442	32.1	14.002	23.0	11.143	0.244	0.782	72.7	0.819	18.7	1.375	0.397	16.1	1.431
248330.5	842822.5	138.2	11.726	7.357	32.1	13.843	23.1	11.016	0.241	0.776	72.7	0.813	18.3	1.359	0.378	15.6	1.411
248329.8	842821.8	138.2	11.597	7.276	32.1	13.691	23.1	10.895	0.240	0.770	72.7	0.806	17.9	1.344	0.364	15.2	1.393
248329.1	842821.1	138.3	11.470	7.197	32.1	13.540	23.2	10.775	0.238	0.764	72.7	0.800	17.6	1.329	0.350	14.8	1.375
248328.5	842820.3	138.3	11.343	7.118	32.1	13.391	23.3	10.656	0.236	0.758	72.7	0.794	17.3	1.315	0.336	14.3	1.357
248327.8	842819.6	138.4	11.301	7.091	32.1	13.341	23.3	10.617	0.240	0.752	72.3	0.790	18.4	1.317	0.386	16.3	1.373
248327.1	842818.9	138.5	11.213	7.036	32.1	13.238	23.3	10.534	0.241	0.747	72.1	0.784	18.7	1.310	0.401	17.0	1.370
248326.4	842818.2	138.6	11.125	6.981	32.1	13.134	23.4	10.452	0.241	0.741	72.0	0.779	19.1	1.304	0.415	17.6	1.368
248325.7	842817.5	138.6	11.009	6.908	32.1	12.997	23.4	10.343	0.240	0.735	71.9	0.773	18.9	1.291	0.406	17.4	1.354
248325.0	842816.7	138.7	10.886	6.832	32.1	12.853	23.5	10.228	0.238	0.729	71.9	0.767	18.6	1.277	0.392	17.0	1.336
248324.3	842816.0	138.7	10.765	6.756	32.1	12.710	23.6	10.114	0.236	0.723	71.9	0.761	18.3	1.264	0.377	16.6	1.319
248323.6	842815.3	138.7	10.645	6.681	32.1	12.568	23.6	10.001	0.234	0.717	71.9	0.754	18.0	1.250	0.363	16.2	1.301
248322.9	842814.6	138.8	10.527	6.608	32.1	12.429	23.7	9.891	0.233	0.711	71.9	0.748	17.7	1.236	0.349	15.8	1.285
248322.2	842813.9	138.6	10.267	6.446	32.1	12.123	23.8	9.647	0.223	0.704	72.5	0.739	14.8	1.190	0.220	10.5	1.210
248321.5	842813.2	138.7	10.147	6.372	32.1	11.981	23.9	9.534	0.221	0.699	72.4	0.733	14.3	1.175	0.202	9.8	1.192
248320.8	842812.4	138.7	10.039	6.305	32.1	11.855	24.0	9.434	0.220	0.693	72.4	0.727	14.2	1.163	0.193	9.4	1.179
248320.1	842811.7	138.8	9.933	6.239	32.1	11.730	24.0	9.334	0.219	0.688	72.3	0.722	14.0	1.150	0.183	9.1	1.165
248319.4	842811.0	138.8	9.824	6.171	32.1	11.602	24.1	9.233	0.218	0.682	72.3	0.716	13.7	1.137	0.171	8.6	1.150
248318.7	842810.3	138.8	9.674	6.078	32.1	11.425	24.2	9.092	0.215	0.677	72.4	0.710	12.6	1.114	0.123	6.3	1.120
248318.0	842809.6	138.8	9.563	6.009	32.1	11.294	24.2	8.987	0.213	0.672	72.4	0.705	12.2	1.099	0.105	5.5	1.104
248317.3	842808.8	138.9	9.512	5.978	32.1	11.235	24.3	8.940	0.215	0.667	72.2	0.701	13.0	1.099	0.138	7.2	1.108
248316.6	842808.1	139.1	9.510	5.977	32.2	11.232	24.3	8.938	0.219	0.663	71.7	0.698	14.7	1.111	0.211	10.7	1.131
248315.9	842807.4	139.2	9.432	5.930	32.2	11.141	24.4	8.866	0.219	0.658	71.6	0.694	14.9	1.104	0.219	11.2	1.126
248315.2	842806.7	139.2	9.355	5.882	32.2	11.050	24.4	8.793	0.219	0.653	71.5	0.689	15.1	1.098	0.227	11.7	1.121
248314.5	842806.0	139.3	9.270	5.830	32.2	10.951	24.5	8.714	0.219	0.649	71.4	0.685	15.1	1.089	0.227	11.8	1.112
248313.8	842805.3	139.4	9.185	5.778	32.2	10.852	24.6	8.636	0.218	0.644	71.3	0.680	15.1	1.080	0.227	11.9	1.103
248313.1	842804.5	139.4	9.108	5.732	32.2	10.762	24.6	8.564	0.218	0.640	71.2	0.676	15.3	1.072	0.232	12.2	1.097
248312.4	842803.8	139.5	9.038	5.689	32.2	10.679	24.7	8.498	0.218	0.636	71.1	0.672	15.5	1.066	0.241	12.7	1.093
248311.7	842803.1	139.6	8.978	5.652	32.2	10.609	24.7	8.442	0.219	0.631	70.9	0.668	15.9	1.063	0.259	13.7	1.094
248311.1	842802.4	139.7	8.923	5.620	32.2	10.545	24.8	8.392	0.220	0.627	70.7	0.665	16.5	1.061	0.281	14.8	1.098
248310.4	842801.7	139.8	8.869	5.588	32.2	10.482	24.9	8.342	0.221	0.623	70.5	0.661	17.0	1.059	0.302	15.9	1.102
248309.7	842800.9	139.9	8.815	5.556	32.2	10.420	24.9	8.292	0.222	0.619	70.3	0.658	17.5	1.058	0.323	17.0	1.106
248309.0	842800.2	140.0	8.762	5.525	32.2	10.359	25.0	8.243	0.222	0.615	70.1	0.654	18.0	1.056	0.343	18.0	1.110
248308.3	842799.5	140.1	8.676	5.473	32.2	10.258	25.1	8.163	0.221	0.611	70.1	0.650	17.8	1.044	0.334	17.7	1.097
248307.6	842798.8	140.1	8.590	5.421	32.3	10.158	25.2	8.083	0.220	0.607	70.1	0.646	17.6	1.033	0.323	17.4	1.082
248306.9	842798.1	140.2	8.506	5.370	32.3	10.059	25.3	8.005	0.219	0.603	70.0	0.641	17.3	1.021	0.313	17.0	1.068
248306.2	842797.4	140.2	8.420	5.319	32.3	9.960	25.3	7.926	0.217	0.599	70.0	0.637	17.0	1.008	0.300	16.6	1.052
248305.5	842796.6	140.3	8.335	5.268	32.3	9.860	25.4	7.847	0.216	0.595	70.0	0.633	16.7	0.995	0.285	16.0	1.035
248304.8	842795.9	140.3	8.252	5.219	32.3	9.764	25.5	7.770	0.215	0.591	70.0	0.629	16.3	0.982	0.271	15.4	1.019
248304.1	842795.2	140.4	8.172	5.171	32.3	9.670	25.6	7.695	0.213	0.587	70.0	0.625	16.0	0.969	0.258	14.9	1.003
248303.4	842794.5	140.4	8.098	5.127	32.3	9.584	25.7	7.627	0.212	0.584	70.0	0.621	15.7	0.957	0.248	14.5	0.989
248302.7	842793.8	140.5	8.026	5.086	32.4	9.502	25.8	7.561	0.211	0.580	70.0	0.618	15.5	0.945	0.238	14.1	0.975
248302.0	842793.0	140.5	7.958	5.046	32.4	9.423	25.9	7.499	0.210	0.577	70.0	0.614	15.2	0.934	0.229	13.8	0.961
248301.3	842792.3	140.6	7.900	5.012	32.4	9.356	26.0	7.445	0.209	0.574	70.0	0.611	15.1	0.924	0.227	13.8	0.952
248300.6	842791.6	140.7	7.874	4.998	32.4	9.327	26.0	7.422	0.210	0.572	69.8	0.609	15.7	0.924	0.253	15.3	0.958
248299.9	842790.9	140.8	7.846	4.983	32.4	9.295	26.1	7.396	0.211	0.569	69.7	0.607	16.1	0.921	0.272	16.5	0.961
248299.2	842790.2	140.9	7.824	4.972	32.4	9.270	26.2	7.377	0.212	0.567	69.5	0.605	16.6	0.920	0.295	17.8	0.966
248298.5	842789.5	141.0	7.801	4.960	32.4	9.245	26.2	7.357	0.212	0.565	69.4	0.604	17.0	0.918	0.314	18.9	0.970
248297.8	842788.7	141.0	7.771	4.944	32.5	9.211	26.3	7.330	0.212	0.563	69.4	0.602	17.1	0.911	0.322	19.4	0.967
248297.1	842788.0	141.1	7.747	4.930	32.5	9.183	26.4	7.307	0.212	0.562	69.3	0.600	17.2	0.905	0.330	20.0	0.964
248296.4	842787.3	141.2	7.728	4.920	32.5	9.162	26.4	7.291	0.212	0.561	69.3	0.599	17.4	0.900	0.340	20.7	0.962
248295.7	842786.6	141.2	7.712	4.911	32.5	9.143	26.4	7.276	0.212	0.560	69.3	0.599	17.4	0.893	0.346	21.2	0.958
248295.0	842785.9	141.4	7.750	4.936	32.5	9.189	26.5	7.312	0.214	0.560	69.1	0.600	18.6	0.903	0.400	23.9	0.988
248294.3	842785.2	141.6	7.830	4.987	32.5	9.283	26.4	7.387	0.219	0.561	68.6	0.602	20.7	0.924	0.487	27.8	1.045
248293.7	842784.4	141.7	7.845	4.996	32.5	9.301	26.4	7.401	0.220	0.561	68.6	0.603	21.0	0.923	0.507	28.8	1.052
248293.0	842783.7	141.7	7.852	5.000	32.5	9.308	26.4	7.407	0.219	0.562	68.7	0.604	21.0	0.916	0.511	29.2	1.049
248292.3	842783.0	141.8	7.867	5.008	32.5	9.326	26.4	7.421	0.219	0.564	68.8	0.605	21.0	0.910	0.518	29.6	1.047
248291.6	842782.3	141.8	7.892	5.021	32.5	9.354	26.4	7.443	0.219	0.565	68.8	0.606	21.1	0.906	0.526	30.1	1.047

Max EF along centerline is 1.792 (kV/m) at 263.000 (m) from structure [redacted]-7

Cross section results at max EF along centerline between structures [redacted]-7 and [redacted]-8





3D EMF Point Results Span from [redacted]-7 to [redacted]-8:

Measurement			B					H	EF					Space Potential			
X (m)	Y (m)	Z (m)	Real (uT)	Imaginary (uT)	Angle (deg)	Magnitude (uT)	Polarization Axial Ratio %	Magnitude (A/m)	Real (kV/m)	Imaginary (kV/m)	Angle (deg)	Magnitude (kV/m)	Polarization Axial Ratio %	Real (kV)	Imaginary (kV)	Angle (deg)	Magnitude (kV)

248458.4	842932.5	130.4	22.264	11.406	27.1	25.015	27.0	19.907	3.201	0.836	14.6	3.309	1.3	1.687	-0.982	-30.2	1.952
248457.7	842933.2	130.5	23.741	11.975	26.8	26.590	25.6	21.160	3.411	0.797	13.1	3.503	1.2	2.145	-1.052	-26.1	2.389
248456.9	842933.9	130.6	25.202	12.557	26.5	28.157	24.2	22.407	3.577	0.745	11.8	3.654	1.1	2.611	-1.113	-23.1	2.839
248456.2	842934.6	130.7	26.617	13.150	26.3	29.688	22.8	23.625	3.687	0.680	10.4	3.749	1.0	3.067	-1.163	-20.8	3.281
248455.5	842935.3	130.7	27.965	13.758	26.2	31.166	21.4	24.801	3.729	0.602	9.2	3.777	0.9	3.505	-1.204	-19.0	3.706
248454.8	842936.0	130.8	29.238	14.389	26.2	32.587	20.0	25.932	3.697	0.510	7.9	3.732	0.8	3.923	-1.237	-17.5	4.114
248454.1	842936.7	130.9	30.503	15.078	26.3	34.026	18.6	27.077	3.588	0.403	6.4	3.611	0.8	4.383	-1.267	-16.1	4.562
248453.4	842937.4	131.0	31.630	15.788	26.5	35.352	17.3	28.132	3.403	0.282	4.7	3.415	1.0	4.744	-1.273	-15.0	4.911
248452.6	842938.1	131.2	32.611	16.524	26.9	36.558	16.0	29.092	3.147	0.148	2.7	3.151	1.5	4.989	-1.250	-14.1	5.144
248451.9	842938.8	131.3	33.444	17.291	27.3	37.650	14.9	29.961	2.829	0.078	1.6	2.830	2.7	5.111	-1.194	-13.2	5.249
248451.2	842939.5	131.4	34.141	18.093	27.9	38.639	13.9	30.748	2.460	0.234	5.4	2.471	5.1	5.106	-1.100	-12.2	5.224
248450.5	842940.2	131.5	34.720	18.938	28.6	39.549	13.0	31.472	2.054	0.444	12.2	2.101	9.8	4.978	-0.960	-10.9	5.070
248449.8	842940.9	131.6	35.139	19.799	29.4	40.333	12.3	32.096	1.623	0.687	22.9	1.762	18.6	4.708	-0.777	-9.4	4.772
248449.0	842941.6	131.7	35.470	20.702	30.3	41.070	11.8	32.682	1.189	0.963	39.0	1.530	32.6	4.340	-0.542	-7.1	4.373
248448.3	842942.3	131.8	35.754	21.657	31.2	41.801	11.5	33.264	0.795	1.275	58.1	1.502	43.2	3.889	-0.246	-3.6	3.897
248447.6	842943.0	131.9	36.004	22.663	32.2	42.543	11.4	33.855	0.581	1.621	70.3	1.722	35.8	3.364	0.120	2.0	3.366
248446.9	842943.7	132.0	36.229	23.716	33.2	43.302	11.5	34.458	0.745	2.000	69.6	2.134	24.2	2.770	0.563	11.5	2.827
248446.2	842944.4	132.1	36.427	24.803	34.3	44.070	11.8	35.069	1.131	2.405	64.8	2.658	16.2	2.113	1.088	27.2	2.377
248445.5	842945.1	132.2	36.581	25.900	35.3	44.822	12.3	35.668	1.574	2.826	60.9	3.235	11.2	1.400	1.693	50.4	2.197
248444.7	842945.8	132.3	36.648	26.954	36.3	45.493	13.1	36.202	2.018	3.245	58.1	3.821	8.0	0.650	2.355	74.6	2.443
248444.0	842946.5	132.4	36.520	27.850	37.3	45.927	14.1	36.548	2.435	3.637	56.2	4.377	6.0	-0.081	2.994	-88.4	2.995
248443.3	842947.2	132.4	36.229	28.584	38.3	46.148	15.3	36.723	2.808	3.976	54.8	4.868	4.8	-0.799	3.628	-77.6	3.715
248442.6	842947.9	132.5	35.736	29.094	39.1	46.082	16.7	36.671	3.119	4.230	53.6	5.255	4.1	-1.483	4.222	-70.6	4.475
248441.9	842948.5	132.6	35.003	29.313	39.9	45.655	18.3	36.331	3.351	4.372	52.5	5.508	3.8	-2.109	4.731	-66.0	5.180
248441.1	842949.2	132.7	34.009	29.191	40.6	44.819	20.1	35.666	3.494	4.384	51.4	5.606	3.8	-2.652	5.112	-62.6	5.759
248440.4	842949.9	132.7	32.762	28.707	41.2	43.560	22.0	34.664	3.545	4.262	50.2	5.544	4.1	-3.092	5.335	-59.9	6.166
248439.7	842950.6	132.8	31.293	27.873	41.7	41.907	23.9	33.348	3.509	4.018	48.9	5.335	4.6	-3.420	5.385	-57.6	6.379
248439.0	842951.3	132.9	29.657	26.734	42.0	39.928	26.0	31.774	3.398	3.677	47.3	5.007	5.3	-3.634	5.270	-55.4	6.402
248438.3	842952.0	132.9	27.918	25.357	42.2	37.715	28.1	30.012	3.229	3.273	45.4	4.598	6.2	-3.744	5.012	-53.2	6.256
248437.6	842952.7	133.0	26.133	23.809	42.3	35.352	30.1	28.132	3.020	2.837	43.2	4.143	7.2	-3.754	4.638	-51.0	5.966
248436.8	842953.4	133.1	24.358	22.168	42.3	32.935	32.2	26.209	2.788	2.399	40.7	3.678	8.4	-3.684	4.188	-48.7	5.577

Centerline results between structures [redacted]-8 and [redacted]-9

3D EMF Point Results Centerline from [redacted]-8 to [redacted]-9:

-------Measurement-------			-------------------------B--------------------------					H	------------------------EF-------------------------					----------Space Potential----------				
X	Y	Z	Real	Imaginary	Angle	Magnitude	Polarization	Magnitude	Real	Imaginary	Angle	Magnitude	Polarization	Real	Imaginary	Angle	Magnitude
(m)	(m)	(m)	(uT)	(uT)	(deg)	(uT)	Axial Ratio %	(A/m)	(kV/m)	(kV/m)	(deg)	(kV/m)	Axial Ratio %	(kV)	(kV)	(deg)	(kV)
248290.5	842781.2	141.9	7.948	5.051	32.4	9.418	26.3	7.494	0.219	0.569	69.0	0.610	21.2	0.900	0.542	31.1	1.051
248289.8	842780.5	142.0	8.005	5.082	32.4	9.482	26.2	7.546	0.219	0.572	69.1	0.613	21.6	0.900	0.562	32.0	1.061
248289.1	842779.7	142.0	8.073	5.119	32.4	9.559	26.1	7.607	0.220	0.576	69.1	0.617	22.0	0.901	0.585	33.0	1.074
248288.4	842779.0	142.1	8.151	5.163	32.3	9.648	25.9	7.678	0.220	0.580	69.2	0.621	22.4	0.903	0.610	34.1	1.090
248287.7	842778.3	142.2	8.256	5.222	32.3	9.768	25.8	7.773	0.222	0.585	69.2	0.626	23.3	0.910	0.653	35.7	1.120
248287.0	842777.6	142.3	8.364	5.282	32.3	9.893	25.6	7.872	0.224	0.591	69.2	0.632	24.1	0.917	0.692	37.1	1.149
248286.3	842776.9	142.3	8.465	5.337	32.2	10.008	25.4	7.964	0.225	0.596	69.3	0.637	24.5	0.919	0.717	38.0	1.166
248285.6	842776.2	142.3	8.536	5.373	32.2	10.086	25.2	8.027	0.223	0.602	69.7	0.642	24.1	0.911	0.708	37.8	1.154
248284.9	842775.4	142.3	8.609	5.409	32.1	10.167	25.1	8.091	0.220	0.608	70.1	0.646	23.6	0.903	0.695	37.6	1.140
248284.2	842774.7	142.3	8.699	5.455	32.1	10.268	24.9	8.171	0.218	0.614	70.4	0.652	23.4	0.898	0.692	37.6	1.134
248283.5	842774.0	142.3	8.797	5.505	32.0	10.377	24.7	8.258	0.217	0.621	70.8	0.658	23.2	0.895	0.691	37.7	1.130
248282.8	842773.3	142.3	8.902	5.560	32.0	10.496	24.4	8.352	0.215	0.628	71.1	0.664	23.0	0.892	0.692	37.8	1.129
248282.1	842772.6	142.3	9.014	5.620	31.9	10.622	24.2	8.453	0.213	0.635	71.5	0.670	22.9	0.891	0.694	37.9	1.130
248281.5	842771.8	142.3	9.133	5.683	31.9	10.756	24.0	8.560	0.211	0.643	71.8	0.677	22.9	0.890	0.699	38.1	1.132
248280.8	842771.1	142.3	9.263	5.753	31.8	10.904	23.8	8.677	0.210	0.651	72.1	0.684	23.0	0.892	0.711	38.6	1.141
248280.1	842770.4	142.2	9.383	5.817	31.8	11.040	23.5	8.785	0.208	0.659	72.5	0.691	22.9	0.891	0.711	38.6	1.140
248279.4	842769.7	142.2	9.509	5.884	31.8	11.182	23.3	8.898	0.206	0.667	72.9	0.698	22.8	0.891	0.712	38.6	1.141
248278.7	842769.0	142.2	9.639	5.955	31.7	11.330	23.1	9.016	0.204	0.675	73.2	0.705	22.7	0.892	0.716	38.7	1.144
248278.0	842768.3	142.2	9.774	6.028	31.7	11.483	22.8	9.138	0.201	0.684	73.6	0.713	22.7	0.894	0.722	38.9	1.149
248277.3	842767.5	142.2	9.913	6.104	31.6	11.641	22.6	9.264	0.200	0.692	73.9	0.720	22.7	0.897	0.730	39.1	1.156
248276.6	842766.8	142.1	10.037	6.171	31.6	11.782	22.4	9.376	0.196	0.700	74.3	0.727	22.4	0.897	0.723	38.9	1.152
248275.9	842766.1	142.1	10.162	6.239	31.5	11.924	22.2	9.489	0.193	0.709	74.8	0.735	22.1	0.897	0.717	38.6	1.149
248275.2	842765.4	142.0	10.290	6.309	31.5	12.070	22.0	9.605	0.190	0.717	75.2	0.742	21.9	0.898	0.713	38.4	1.147
248274.5	842764.7	142.0	10.413	6.376	31.5	12.210	21.8	9.716	0.186	0.726	75.6	0.749	21.6	0.899	0.704	38.1	1.142
248273.8	842763.9	141.9	10.537	6.444	31.4	12.351	21.6	9.829	0.182	0.734	76.1	0.756	21.3	0.901	0.696	37.7	1.138
248273.1	842763.2	141.9	10.661	6.512	31.4	12.493	21.3	9.942	0.178	0.742	76.5	0.763	20.9	0.902	0.687	37.3	1.134
248272.4	842762.5	141.8	10.768	6.570	31.4	12.614	21.2	10.038	0.173	0.750	77.0	0.770	20.3	0.903	0.665	36.4	1.121
248271.7	842761.8	141.7	10.876	6.629	31.4	12.737	21.0	10.136	0.167	0.758	77.6	0.776	19.8	0.904	0.643	35.4	1.109
248271.0	842761.1	141.6	10.984	6.688	31.3	12.860	20.8	10.234	0.162	0.766	78.1	0.783	19.2	0.905	0.622	34.5	1.099
248270.3	842760.4	141.5	11.093	6.749	31.3	12.985	20.6	10.333	0.157	0.774	78.6	0.790	18.7	0.908	0.603	33.6	1.090
248269.6	842759.6	141.5	11.223	6.822	31.3	13.134	20.4	10.451	0.154	0.782	78.9	0.797	18.5	0.912	0.601	33.4	1.092
248268.9	842758.9	141.4	11.353	6.896	31.3	13.283	20.2	10.571	0.152	0.790	79.1	0.805	18.4	0.916	0.600	33.2	1.095
248268.2	842758.2	141.4	11.484	6.971	31.3	13.434	20.0	10.691	0.150	0.798	79.4	0.812	18.2	0.920	0.600	33.1	1.099
248267.5	842757.5	141.3	11.616	7.046	31.2	13.586	19.9	10.812	0.148	0.806	79.6	0.820	18.1	0.925	0.602	33.1	1.103
248266.8	842756.8	141.2	11.749	7.123	31.2	13.739	19.7	10.933	0.148	0.814	79.7	0.828	18.0	0.929	0.605	33.1	1.108
248266.1	842756.0	141.2	11.882	7.200	31.2	13.893	19.5	11.056	0.147	0.822	79.8	0.835	17.9	0.933	0.609	33.2	1.114
248265.4	842755.3	141.1	12.016	7.278	31.2	14.048	19.3	11.179	0.148	0.830	79.9	0.843	17.8	0.936	0.615	33.3	1.120
248264.7	842754.6	141.1	12.136	7.347	31.2	14.186	19.1	11.289	0.147	0.838	80.1	0.851	17.5	0.939	0.610	33.0	1.120
248264.1	842753.9	141.0	12.246	7.411	31.2	14.314	19.0	11.391	0.146	0.845	80.2	0.858	17.1	0.943	0.598	32.4	1.116
248263.4	842753.2	140.9	12.356	7.475	31.2	14.441	18.8	11.492	0.145	0.853	80.4	0.865	16.7	0.946	0.587	31.8	1.113
248262.7	842752.5	140.8	12.467	7.539	31.2	14.569	18.7	11.594	0.145	0.861	80.4	0.873	16.4	0.948	0.577	31.3	1.110
248262.0	842751.7	140.7	12.577	7.604	31.2	14.696	18.5	11.695	0.145	0.868	80.5	0.880	16.0	0.951	0.567	30.8	1.107
248261.3	842751.0	140.7	12.686	7.668	31.2	14.824	18.3	11.796	0.147	0.876	80.5	0.888	15.7	0.953	0.558	30.3	1.105
248260.6	842750.3	140.6	12.796	7.733	31.1	14.951	18.2	11.898	0.149	0.883	80.4	0.896	15.4	0.955	0.550	29.9	1.102

248259.9	842749.6	140.5	12.912	7.802	31.1	15.086	18.0	12.005	0.152	0.891	80.3	0.904	15.1	0.957	0.548	29.8	1.102
248259.2	842748.9	140.4	13.030	7.873	31.1	15.223	17.9	12.114	0.156	0.898	80.1	0.912	14.9	0.958	0.548	29.8	1.103
248258.5	842748.2	140.3	13.147	7.943	31.1	15.361	17.7	12.224	0.161	0.906	79.9	0.920	14.7	0.958	0.549	29.8	1.104
248257.8	842747.4	140.3	13.291	8.030	31.1	15.528	17.6	12.357	0.169	0.913	79.5	0.929	14.8	0.955	0.572	30.9	1.113
248257.1	842746.7	140.2	13.413	8.105	31.1	15.672	17.4	12.471	0.175	0.921	79.3	0.937	14.7	0.953	0.579	31.3	1.115
248256.4	842746.0	140.2	13.539	8.182	31.1	15.819	17.2	12.589	0.182	0.928	78.9	0.946	14.7	0.950	0.589	31.8	1.118
248255.7	842745.3	140.1	13.677	8.266	31.1	15.981	17.1	12.717	0.190	0.936	78.5	0.955	14.7	0.945	0.610	32.9	1.125
248255.0	842744.6	140.1	13.814	8.351	31.2	16.142	16.9	12.846	0.199	0.943	78.1	0.964	14.8	0.938	0.632	34.0	1.131
248254.3	842743.8	140.0	13.952	8.436	31.2	16.304	16.8	12.975	0.208	0.951	77.7	0.973	14.8	0.930	0.655	35.2	1.138
248253.6	842743.1	139.9	14.089	8.522	31.2	16.466	16.6	13.103	0.217	0.958	77.2	0.983	14.9	0.921	0.679	36.4	1.145
248252.9	842742.4	139.9	14.227	8.608	31.2	16.628	16.5	13.232	0.227	0.966	76.8	0.992	15.0	0.911	0.704	37.7	1.152
248252.2	842741.7	139.8	14.352	8.686	31.2	16.776	16.3	13.350	0.235	0.973	76.4	1.001	14.9	0.901	0.721	38.7	1.154
248251.5	842741.0	139.8	14.476	8.764	31.2	16.922	16.2	13.466	0.244	0.980	76.0	1.010	14.8	0.890	0.736	39.6	1.155
248250.8	842740.3	139.7	14.598	8.841	31.2	17.067	16.0	13.582	0.253	0.987	75.6	1.019	14.8	0.878	0.753	40.6	1.157
248250.1	842739.5	139.6	14.696	8.903	31.2	17.183	15.9	13.673	0.260	0.994	75.3	1.027	14.5	0.869	0.751	40.8	1.148
248249.4	842738.8	139.5	14.764	8.947	31.2	17.263	15.8	13.738	0.265	1.001	75.2	1.035	13.9	0.863	0.726	40.0	1.128
248248.7	842738.1	139.4	14.838	8.993	31.2	17.351	15.6	13.807	0.271	1.007	74.9	1.043	13.4	0.857	0.706	39.5	1.110
248248.0	842737.4	139.3	14.923	9.048	31.2	17.452	15.5	13.888	0.278	1.014	74.6	1.051	13.0	0.847	0.697	39.5	1.097
248247.3	842736.7	139.2	15.008	9.102	31.2	17.552	15.4	13.968	0.286	1.020	74.4	1.059	12.7	0.836	0.689	39.5	1.083
248246.7	842735.9	139.1	15.091	9.156	31.2	17.652	15.3	14.047	0.293	1.026	74.1	1.067	12.3	0.825	0.680	39.5	1.070
248246.0	842735.2	139.0	15.182	9.215	31.3	17.759	15.1	14.133	0.301	1.033	73.7	1.076	12.0	0.812	0.679	39.9	1.058
248245.3	842734.5	138.9	15.274	9.276	31.3	17.870	15.0	14.220	0.310	1.039	73.4	1.084	11.8	0.797	0.680	40.5	1.047
248244.6	842733.8	138.8	15.366	9.336	31.3	17.980	14.9	14.308	0.318	1.046	73.1	1.093	11.5	0.781	0.681	41.1	1.036
248243.9	842733.1	138.8	15.457	9.396	31.3	18.088	14.7	14.394	0.327	1.052	72.8	1.101	11.3	0.764	0.683	41.8	1.024
248243.2	842732.4	138.7	15.549	9.457	31.3	18.199	14.6	14.482	0.335	1.058	72.4	1.110	11.0	0.746	0.686	42.6	1.013
248242.5	842731.6	138.6	15.643	9.519	31.3	18.312	14.5	14.572	0.344	1.064	72.1	1.119	10.8	0.726	0.692	43.6	1.003
248241.8	842730.9	138.5	15.737	9.582	31.3	18.424	14.4	14.661	0.353	1.071	71.7	1.127	10.6	0.705	0.698	44.7	0.992
248241.1	842730.2	138.4	15.828	9.643	31.4	18.534	14.2	14.749	0.362	1.077	71.4	1.136	10.4	0.684	0.703	45.8	0.980
248240.4	842729.5	138.3	15.916	9.702	31.4	18.640	14.1	14.833	0.371	1.083	71.1	1.145	10.1	0.663	0.705	46.8	0.968
248239.7	842728.8	138.3	16.003	9.761	31.4	18.745	14.0	14.917	0.380	1.089	70.8	1.154	9.9	0.641	0.707	47.8	0.954
248239.0	842728.0	138.2	16.089	9.820	31.4	18.849	13.9	15.000	0.389	1.096	70.5	1.163	9.6	0.618	0.709	48.9	0.941
248238.3	842727.3	138.1	16.174	9.878	31.4	18.952	13.8	15.082	0.398	1.102	70.2	1.171	9.4	0.595	0.710	50.1	0.927
248237.6	842726.6	138.0	16.259	9.937	31.4	19.055	13.6	15.164	0.407	1.108	69.8	1.180	9.1	0.571	0.712	51.3	0.913
248236.9	842725.9	137.9	16.350	10.000	31.5	19.166	13.5	15.252	0.416	1.115	69.5	1.190	8.9	0.545	0.719	52.8	0.902
248236.2	842725.2	137.8	16.441	10.063	31.5	19.276	13.4	15.339	0.425	1.121	69.2	1.199	8.6	0.518	0.725	54.4	0.891
248235.5	842724.5	137.8	16.530	10.125	31.5	19.385	13.3	15.426	0.435	1.128	68.9	1.209	8.4	0.492	0.730	56.0	0.880
248234.8	842723.7	137.7	16.619	10.187	31.5	19.493	13.2	15.512	0.444	1.134	68.6	1.218	8.2	0.465	0.734	57.7	0.869
248234.1	842723.0	137.6	16.706	10.249	31.5	19.599	13.0	15.597	0.454	1.141	68.3	1.228	7.9	0.438	0.737	59.3	0.858
248233.4	842722.3	137.5	16.793	10.311	31.5	19.705	12.9	15.681	0.463	1.148	68.0	1.238	7.7	0.411	0.740	61.0	0.846
248232.7	842721.6	137.4	16.878	10.372	31.6	19.810	12.8	15.764	0.473	1.154	67.7	1.248	7.4	0.384	0.741	62.6	0.834
248232.0	842720.9	137.4	16.962	10.432	31.6	19.914	12.7	15.847	0.483	1.161	67.4	1.258	7.1	0.357	0.741	64.2	0.822
248231.3	842720.1	137.3	17.048	10.494	31.6	20.019	12.6	15.931	0.493	1.168	67.1	1.268	6.9	0.331	0.741	66.0	0.812
248230.6	842719.4	137.2	17.166	10.577	31.6	20.163	12.5	16.045	0.504	1.175	66.8	1.279	6.8	0.293	0.768	69.1	0.821
248229.9	842718.7	137.2	17.317	10.685	31.7	20.348	12.3	16.192	0.516	1.183	66.4	1.291	6.9	0.243	0.822	73.5	0.857
248229.3	842718.0	137.2	17.465	10.790	31.7	20.529	12.2	16.336	0.529	1.191	66.1	1.303	6.9	0.194	0.873	77.5	0.894
248228.6	842717.3	137.1	17.600	10.887	31.7	20.695	12.0	16.469	0.541	1.199	65.7	1.315	6.9	0.149	0.912	80.7	0.924
248227.9	842716.6	137.1	17.734	10.984	31.8	20.861	11.9	16.600	0.553	1.207	65.4	1.327	6.9	0.104	0.950	83.7	0.956
248227.2	842715.8	137.1	17.869	11.082	31.8	21.026	11.8	16.732	0.565	1.215	65.1	1.340	6.8	0.060	0.987	86.5	0.989
248226.5	842715.1	137.0	17.995	11.175	31.8	21.182	11.6	16.856	0.577	1.223	64.7	1.352	6.7	0.019	1.017	89.0	1.017
248225.8	842714.4	137.0	18.102	11.254	31.9	21.315	11.5	16.962	0.589	1.231	64.4	1.365	6.5	-0.015	1.030	-89.2	1.030
248225.1	842713.7	136.9	18.208	11.334	31.9	21.447	11.4	17.067	0.600	1.239	64.1	1.377	6.3	-0.047	1.041	-87.4	1.042
248224.4	842713.0	136.8	18.313	11.413	31.9	21.579	11.3	17.172	0.612	1.248	63.9	1.390	6.1	-0.078	1.050	-85.8	1.053
248223.7	842712.2	136.8	18.418	11.492	32.0	21.709	11.1	17.275	0.624	1.256	63.6	1.403	5.9	-0.108	1.058	-84.2	1.063
248223.0	842711.5	136.7	18.521	11.571	32.0	21.838	11.0	17.378	0.636	1.264	63.3	1.415	5.7	-0.137	1.064	-82.7	1.072
248222.3	842710.8	136.7	18.623	11.649	32.0	21.966	10.9	17.480	0.649	1.273	63.0	1.429	5.5	-0.164	1.067	-81.3	1.080
248221.6	842710.1	136.6	18.724	11.727	32.1	22.094	10.8	17.582	0.661	1.282	62.7	1.442	5.3	-0.190	1.069	-79.9	1.086
248220.9	842709.4	136.6	18.825	11.805	32.1	22.220	10.7	17.682	0.673	1.290	62.4	1.455	5.1	-0.214	1.069	-78.7	1.090
248220.2	842708.7	136.5	18.924	11.882	32.1	22.345	10.5	17.782	0.686	1.299	62.2	1.469	4.9	-0.236	1.066	-77.5	1.092
248219.5	842707.9	136.4	19.022	11.960	32.2	22.470	10.4	17.881	0.699	1.308	61.9	1.483	4.6	-0.257	1.062	-76.4	1.092
248218.8	842707.2	136.4	19.128	12.042	32.2	22.603	10.3	17.987	0.712	1.317	61.6	1.497	4.4	-0.279	1.062	-75.3	1.098
248218.1	842706.5	136.4	19.260	12.145	32.2	22.769	10.2	18.119	0.726	1.327	61.3	1.512	4.3	-0.313	1.083	-73.9	1.127
248217.4	842705.8	136.3	19.396	12.250	32.3	22.940	10.0	18.255	0.740	1.337	61.0	1.528	4.2	-0.347	1.105	-72.6	1.158
248216.7	842705.1	136.3	19.531	12.355	32.3	23.111	9.9	18.391	0.754	1.347	60.8	1.543	4.1	-0.379	1.125	-71.4	1.188
248216.0	842704.4	136.3	19.665	12.461	32.4	23.281	9.8	18.526	0.768	1.357	60.5	1.559	4.0	-0.409	1.143	-70.3	1.214
248215.3	842703.6	136.2	19.799	12.567	32.4	23.450	9.6	18.661	0.783	1.367	60.2	1.576	3.9	-0.438	1.158	-69.3	1.238
248214.6	842702.9	136.2	19.936	12.675	32.4	23.624	9.5	18.799	0.798	1.378	59.9	1.592	3.8	-0.466	1.174	-68.4	1.263
248213.9	842702.2	136.2	20.083	12.792	32.5	23.811	9.4	18.948	0.814	1.389	59.6	1.610	3.7	-0.497	1.196	-67.4	1.295
248213.2	842701.5	136.2	20.229	12.909	32.5	23.997	9.2	19.096	0.829	1.400	59.4	1.627	3.6	-0.527	1.215	-66.6	1.324
248212.5	842700.8	136.1	20.357	13.013	32.6	24.161	9.1	19.227	0.845	1.412	59.1	1.645	3.4	-0.544	1.215	-65.9	1.332
248211.9	842700.0	136.2	20.565	13.176	32.6	24.424	8.9	19.436	0.862	1.424	58.8	1.665	3.5	-0.602	1.282	-64.9	1.416
248211.2	842699.3	136.2	20.775	13.343	32.7	24.691	8.8	19.649	0.880	1.437	58.5	1.685	3.6	-0.659	1.349	-64.0	1.501
248210.5	842698.6	136.2	20.986	13.511	32.8	24.959	8.6	19.862	0.898	1.451	58.2	1.706	3.6	-0.715	1.413	-63.1	1.583
248209.8	842697.9	136.2	21.197	13.680	32.8	25.228	8.4	20.076	0.917	1.465	58.0	1.728	3.7	-0.770	1.474	-62.4	1.663
248209.1	842697.2	136.2	21.408	13.850	32.9	25.498	8.3	20.291	0.936	1.479	57.7	1.750	3.7	-0.824	1.534	-61.8	1.741
248208.4	842696.5	136.3	21.620	14.023	33.0	25.770	8.1	20.507	0.955	1.493	57.4	1.772	3.7	-0.877	1.592	-61.1	1.817
248207.7	842695.7	136.2	21.788	14.162	33.0	25.986	7.9	20.679	0.973	1.507	57.2	1.794	3.6	-0.903	1.608	-60.7	1.844
248207.0	842695.0	136.2	21.935	14.287	33.1	26.178	7.8	20.832	0.990	1.521	56.9	1.815	3.5	-0.917	1.606	-60.3	1.849
248206.3	842694.3	136.2	22.082	14.413	33.1	26.370	7.7	20.984	1.008	1.536	56.7	1.837	3.4	-0.928	1.600	-59.9	1.850
248205.6	842693.6	136.2	22.229	14.538	33.2	26.561	7.5	21.136	1.027	1.550	56.5	1.859	3.2	-0.937	1.592	-59.5	1.848
248204.9	842692.9	136.2	22.374	14.664	33.2	26.751	7.4	21.288	1.045	1.565	56.3	1.882	3.1	-0.944	1.582	-59.2	1.842
248204.2	842692.1	136.2	22.562	14.823	33.3	26.995	7.2	21.482	1.064	1.580	56.0	1.905	3.1	-0.975	1.607	-58.8	1.879
248203.5	842691.4	136.2	22.782	15.008	33.4	27.281	7.1	21.710	1.084	1.596	55.8	1.929	3.1	-1.024	1.659	-58.3	1.950
248202.8	842690.7	136.2	23.002	15.195	33.4	27.568	6.9	21.938	1.104	1.612	55.6	1.954	3.1	-1.073	1.711	-57.9	2.020
248202.1	842690.0	136.3	23.223	15.383	33.5	27.856	6.7	22.167	1.125	1.627	55.4	1.978	3.1	-1.122	1.763	-57.5	2.089
248201.4	842689.3	136.3	23.443	15.573	33.6	28.144	6.6	22.397	1.145	1.643	55.1	2.003	3.1	-1.172	1.814	-57.1	2.159
248200.7	842688.6	136.3	23.653	15.755	33.7	28.419	6.4	22.615	1.165	1.659	54.9	2.027	3.0	-1.214	1.856	-56.8	2.217
248200.0	842687.8	136.3	23.837	15.918	33.7	28.664	6.2	22.810	1.184	1.674	54.7	2.050	3.0	-1.242	1.876	-56.5	2.249

248199.3	842687.1	136.3	24.007	16.070	33.8	28.889	6.1	22.989	1.203	1.689	54.5	2.073	2.9	-1.260	1.883	-56.2	2.266
248198.6	842686.4	136.3	24.176	16.223	33.9	29.114	5.9	23.169	1.221	1.703	54.4	2.096	2.8	-1.278	1.891	-55.9	2.282
248197.9	842685.7	136.3	24.344	16.376	33.9	29.339	5.8	23.347	1.240	1.718	54.2	2.118	2.7	-1.296	1.899	-55.7	2.299
248197.2	842685.0	136.3	24.512	16.529	34.0	29.564	5.7	23.526	1.258	1.732	54.0	2.141	2.6	-1.314	1.907	-55.4	2.316
248196.5	842684.2	136.3	24.678	16.682	34.1	29.788	5.5	23.704	1.276	1.746	53.8	2.163	2.5	-1.332	1.917	-55.2	2.334
248195.8	842683.5	136.3	24.817	16.814	34.1	29.977	5.4	23.855	1.293	1.759	53.7	2.184	2.4	-1.333	1.903	-55.0	2.323
248195.1	842682.8	136.3	24.947	16.938	34.2	30.154	5.3	23.996	1.310	1.772	53.5	2.204	2.3	-1.328	1.882	-54.8	2.303
248194.5	842682.1	136.2	25.076	17.062	34.2	30.330	5.1	24.136	1.327	1.785	53.4	2.224	2.2	-1.323	1.861	-54.6	2.284
248193.8	842681.4	136.2	25.203	17.186	34.3	30.505	5.0	24.275	1.344	1.797	53.2	2.244	2.1	-1.318	1.842	-54.4	2.265
248193.1	842680.7	136.2	25.329	17.310	34.3	30.679	4.9	24.414	1.360	1.809	53.1	2.263	2.0	-1.312	1.822	-54.2	2.246
248192.4	842679.9	136.2	25.453	17.432	34.4	30.851	4.8	24.550	1.376	1.821	52.9	2.282	1.9	-1.306	1.802	-54.1	2.226
248191.7	842679.2	136.2	25.575	17.553	34.5	31.019	4.7	24.684	1.392	1.833	52.8	2.301	1.8	-1.298	1.781	-53.9	2.204
248191.0	842678.5	136.1	25.695	17.674	34.5	31.187	4.6	24.818	1.408	1.844	52.6	2.320	1.7	-1.290	1.761	-53.8	2.183
248190.3	842677.8	136.1	25.815	17.794	34.6	31.353	4.4	24.950	1.424	1.856	52.5	2.339	1.6	-1.281	1.740	-53.6	2.161
248189.6	842677.1	136.1	25.941	17.920	34.6	31.529	4.3	25.090	1.439	1.867	52.4	2.358	1.5	-1.278	1.726	-53.5	2.147
248188.9	842676.3	136.1	26.123	18.095	34.7	31.778	4.2	25.288	1.456	1.880	52.2	2.378	1.4	-1.315	1.765	-53.3	2.201
248188.2	842675.6	136.1	26.305	18.271	34.8	32.027	4.0	25.486	1.472	1.892	52.1	2.397	1.4	-1.353	1.805	-53.1	2.255
248187.5	842674.9	136.1	26.485	18.446	34.9	32.276	3.9	25.684	1.489	1.904	52.0	2.417	1.4	-1.391	1.844	-53.0	2.310
248186.8	842674.2	136.1	26.666	18.622	34.9	32.525	3.7	25.882	1.505	1.917	51.9	2.437	1.3	-1.429	1.883	-52.8	2.364
248186.1	842673.5	136.2	26.834	18.791	35.0	32.759	3.6	26.069	1.522	1.928	51.7	2.456	1.3	-1.458	1.915	-52.7	2.407
248185.4	842672.8	136.2	27.014	18.968	35.1	33.008	3.4	26.267	1.538	1.940	51.6	2.476	1.3	-1.497	1.955	-52.6	2.463
248184.7	842672.0	136.2	27.193	19.146	35.1	33.257	3.3	26.465	1.555	1.953	51.5	2.496	1.2	-1.537	1.996	-52.4	2.519
248184.0	842671.3	136.2	27.371	19.324	35.2	33.505	3.1	26.662	1.570	1.965	51.4	2.515	1.2	-1.577	2.037	-52.2	2.576
248183.3	842670.6	136.2	27.528	19.484	35.3	33.726	3.0	26.838	1.586	1.977	51.3	2.534	1.2	-1.603	2.059	-52.1	2.609
248182.6	842669.9	136.2	27.682	19.643	35.4	33.944	2.9	27.011	1.601	1.988	51.2	2.553	1.1	-1.627	2.081	-52.0	2.641
248181.9	842669.2	136.2	27.836	19.802	35.4	34.161	2.7	27.184	1.616	2.000	51.1	2.571	1.1	-1.653	2.103	-51.8	2.675
248181.2	842668.4	136.2	27.988	19.961	35.5	34.377	2.6	27.356	1.630	2.011	51.0	2.589	1.1	-1.679	2.127	-51.7	2.710
248180.5	842667.7	136.2	28.140	20.119	35.6	34.592	2.5	27.528	1.645	2.022	50.9	2.606	1.0	-1.706	2.153	-51.6	2.747
248179.8	842667.0	136.2	28.291	20.278	35.6	34.807	2.4	27.699	1.658	2.032	50.8	2.623	1.0	-1.735	2.180	-51.5	2.786
248179.1	842666.3	136.2	28.440	20.436	35.7	35.021	2.2	27.869	1.672	2.042	50.7	2.640	1.0	-1.765	2.210	-51.4	2.828
248178.4	842665.6	136.2	28.589	20.594	35.8	35.234	2.1	28.038	1.685	2.052	50.6	2.655	0.9	-1.796	2.242	-51.3	2.873
248177.7	842664.9	136.2	28.737	20.752	35.8	35.446	2.0	28.207	1.698	2.062	50.5	2.671	0.9	-1.830	2.276	-51.2	2.920
248177.0	842664.1	136.2	28.843	20.873	35.9	35.603	1.9	28.332	1.710	2.070	50.4	2.685	0.8	-1.833	2.274	-51.1	2.921
248176.4	842663.4	136.2	28.945	20.989	35.9	35.754	1.8	28.452	1.721	2.078	50.4	2.698	0.8	-1.835	2.271	-51.1	2.920
248175.7	842662.7	136.1	29.045	21.105	36.0	35.903	1.7	28.571	1.733	2.086	50.3	2.712	0.8	-1.838	2.271	-51.0	2.921
248175.0	842662.0	136.1	29.143	21.220	36.1	36.050	1.6	28.688	1.743	2.093	50.2	2.724	0.7	-1.842	2.272	-51.0	2.925
248174.3	842661.3	136.1	29.230	21.324	36.1	36.182	1.5	28.792	1.753	2.100	50.1	2.736	0.7	-1.840	2.267	-50.9	2.920
248173.6	842660.6	136.1	29.316	21.427	36.2	36.312	1.4	28.896	1.763	2.107	50.1	2.747	0.7	-1.840	2.264	-50.9	2.917
248172.9	842659.8	136.0	29.402	21.531	36.2	36.443	1.3	29.000	1.773	2.113	50.0	2.758	0.7	-1.844	2.265	-50.9	2.921
248172.2	842659.1	136.0	29.487	21.635	36.3	36.572	1.2	29.103	1.782	2.119	49.9	2.769	0.6	-1.849	2.270	-50.8	2.928
248171.5	842658.4	136.0	29.571	21.738	36.3	36.701	1.1	29.206	1.791	2.125	49.9	2.779	0.6	-1.857	2.278	-50.8	2.939
248170.8	842657.7	136.0	29.650	21.836	36.4	36.823	1.1	29.303	1.799	2.130	49.8	2.788	0.6	-1.865	2.286	-50.8	2.950
248170.1	842657.0	135.9	29.717	21.924	36.4	36.929	1.0	29.387	1.807	2.135	49.8	2.797	0.6	-1.866	2.287	-50.8	2.952
248169.4	842656.2	135.9	29.784	22.011	36.5	37.034	0.9	29.471	1.814	2.139	49.7	2.805	0.6	-1.870	2.292	-50.8	2.958
248168.7	842655.5	135.9	29.849	22.097	36.5	37.138	0.8	29.553	1.821	2.143	49.6	2.812	0.6	-1.877	2.300	-50.8	2.969
248168.0	842654.8	135.9	29.913	22.181	36.6	37.240	0.8	29.634	1.828	2.146	49.6	2.819	0.6	-1.886	2.312	-50.8	2.984
248167.3	842654.1	135.8	29.953	22.244	36.6	37.310	0.7	29.690	1.834	2.149	49.5	2.825	0.6	-1.880	2.307	-50.8	2.976
248166.6	842653.4	135.8	29.967	22.282	36.6	37.343	0.7	29.716	1.839	2.151	49.5	2.830	0.6	-1.854	2.279	-50.9	2.938
248165.9	842652.7	135.7	29.979	22.318	36.7	37.374	0.6	29.741	1.844	2.153	49.4	2.835	0.6	-1.830	2.255	-50.9	2.905
248165.2	842651.9	135.7	29.989	22.352	36.7	37.403	0.6	29.764	1.848	2.155	49.4	2.839	0.6	-1.809	2.235	-51.0	2.876
248164.5	842651.2	135.6	29.999	22.386	36.7	37.430	0.5	29.786	1.852	2.156	49.3	2.842	0.6	-1.791	2.218	-51.1	2.850
248163.8	842650.5	135.5	30.007	22.418	36.8	37.456	0.5	29.806	1.856	2.157	49.3	2.846	0.6	-1.774	2.204	-51.2	2.829
248163.1	842649.8	135.5	30.013	22.448	36.8	37.480	0.5	29.825	1.860	2.158	49.2	2.849	0.6	-1.760	2.193	-51.2	2.812
248162.4	842649.1	135.4	30.019	22.478	36.8	37.502	0.4	29.843	1.863	2.159	49.2	2.851	0.6	-1.748	2.184	-51.3	2.798
248161.7	842648.3	135.4	30.023	22.506	36.9	37.522	0.4	29.859	1.866	2.159	49.2	2.854	0.6	-1.738	2.179	-51.4	2.787
248161.0	842647.6	135.3	30.026	22.532	36.9	37.540	0.4	29.874	1.869	2.159	49.1	2.856	0.6	-1.729	2.177	-51.5	2.780
248160.3	842646.9	135.3	30.027	22.558	36.9	37.557	0.3	29.887	1.871	2.160	49.1	2.857	0.6	-1.723	2.176	-51.6	2.776
248159.6	842646.2	135.2	30.028	22.582	36.9	37.571	0.3	29.898	1.874	2.160	49.1	2.859	0.7	-1.718	2.178	-51.7	2.774
248159.0	842645.5	135.2	30.027	22.605	37.0	37.584	0.3	29.909	1.876	2.159	49.0	2.860	0.7	-1.715	2.182	-51.8	2.776
248158.3	842644.8	135.1	30.025	22.626	37.0	37.596	0.2	29.918	1.878	2.159	49.0	2.862	0.7	-1.713	2.188	-51.9	2.779
248157.6	842644.0	135.1	30.021	22.647	37.0	37.605	0.2	29.925	1.880	2.159	49.0	2.863	0.8	-1.713	2.196	-52.1	2.785
248156.9	842643.3	135.0	30.010	22.660	37.1	37.605	0.2	29.925	1.881	2.159	48.9	2.863	0.8	-1.708	2.200	-52.2	2.785
248156.2	842642.6	135.0	29.981	22.655	37.1	37.578	0.2	29.904	1.883	2.158	48.9	2.864	0.8	-1.690	2.187	-52.3	2.764
248155.5	842641.9	134.9	29.951	22.649	37.1	37.551	0.2	29.882	1.884	2.157	48.9	2.864	0.8	-1.672	2.176	-52.5	2.744
248154.8	842641.2	134.8	29.898	22.621	37.1	37.492	0.2	29.835	1.885	2.156	48.8	2.864	0.8	-1.637	2.144	-52.6	2.697
248154.1	842640.4	134.7	29.842	22.590	37.1	37.428	0.2	29.784	1.886	2.155	48.8	2.864	0.9	-1.600	2.111	-52.8	2.649
248153.4	842639.7	134.7	29.785	22.557	37.1	37.363	0.2	29.732	1.887	2.154	48.8	2.863	0.9	-1.563	2.078	-53.0	2.600
248152.7	842639.0	134.6	29.726	22.524	37.2	37.296	0.2	29.679	1.887	2.153	48.8	2.863	0.9	-1.527	2.045	-53.3	2.552
248152.0	842638.3	134.5	29.667	22.489	37.2	37.227	0.2	29.624	1.888	2.152	48.7	2.863	0.9	-1.491	2.013	-53.5	2.505
248151.3	842637.6	134.4	29.606	22.452	37.2	37.157	0.2	29.569	1.889	2.152	48.7	2.863	0.9	-1.456	1.980	-53.7	2.457
248150.6	842636.9	134.4	29.545	22.415	37.2	37.085	0.2	29.512	1.890	2.151	48.7	2.863	0.9	-1.420	1.946	-53.9	2.409
248149.9	842636.1	134.3	29.482	22.376	37.2	37.012	0.2	29.453	1.891	2.151	48.7	2.864	0.9	-1.385	1.913	-54.1	2.361
248149.2	842635.4	134.2	29.418	22.336	37.2	36.937	0.2	29.394	1.892	2.151	48.7	2.864	0.9	-1.350	1.879	-54.3	2.313
248148.5	842634.7	134.1	29.354	22.295	37.2	36.861	0.2	29.333	1.892	2.151	48.7	2.865	0.9	-1.315	1.844	-54.5	2.265
248147.8	842634.0	134.1	29.326	22.290	37.2	36.836	0.2	29.313	1.894	2.151	48.6	2.866	1.0	-1.316	1.849	-54.6	2.270
248147.1	842633.3	134.1	29.352	22.336	37.3	36.884	0.1	29.351	1.895	2.152	48.6	2.868	1.0	-1.366	1.910	-54.4	2.348
248146.4	842632.5	134.0	29.376	22.381	37.3	36.931	0.1	29.388	1.897	2.153	48.6	2.870	1.0	-1.418	1.971	-54.3	2.428
248145.7	842631.8	134.0	29.399	22.425	37.3	36.975	0.1	29.424	1.898	2.154	48.6	2.871	1.1	-1.471	2.034	-54.1	2.510
248145.0	842631.1	133.9	29.367	22.415	37.4	36.944	0.1	29.399	1.899	2.155	48.6	2.872	1.1	-1.478	2.042	-54.1	2.521
248144.3	842630.4	133.8	29.269	22.340	37.4	36.820	0.1	29.301	1.899	2.154	48.6	2.871	1.0	-1.426	1.984	-54.3	2.444
248143.6	842629.7	133.8	29.167	22.262	37.4	36.692	0.1	29.199	1.898	2.153	48.6	2.870	1.0	-1.375	1.927	-54.5	2.367
248142.9	842629.0	133.7	29.074	22.192	37.4	36.576	0.1	29.106	1.898	2.152	48.6	2.869	1.0	-1.336	1.881	-54.6	2.307
248142.2	842628.2	133.6	28.980	22.121	37.4	36.458	0.2	29.012	1.897	2.150	48.6	2.867	1.0	-1.299	1.839	-54.8	2.252
248141.6	842627.5	133.5	28.885	22.049	37.4	36.339	0.2	28.918	1.895	2.148	48.6	2.865	1.0	-1.266	1.801	-54.9	2.202
248140.9	842626.8	133.4	28.797	21.983	37.4	36.229	0.2	28.830	1.894	2.146	48.6	2.862	0.9	-1.244	1.775	-55.0	2.167
248140.2	842626.1	133.3	28.695	21.904	37.4	36.100	0.2	28.727	1.891	2.143	48.6	2.858	0.9	-1.214	1.739	-55.1	2.121
248139.5	842625.4	133.2	28.591	21.823	37.4	35.968	0.3	28.622	1.889	2.140	48.6	2.854	0.9	-1.187	1.707	-55.2	2.079

248138.8	842624.6	133.1	28.466	21.721	37.3	35.807	0.3	28.494	1.886	2.136	48.6	2.849	0.9	-1.146	1.659	-55.4	2.016
248138.1	842623.9	133.0	28.338	21.615	37.3	35.641	0.3	28.362	1.882	2.132	48.6	2.844	0.9	-1.107	1.612	-55.5	1.955
248137.4	842623.2	133.0	28.230	21.529	37.3	35.502	0.4	28.252	1.878	2.127	48.6	2.838	0.8	-1.092	1.593	-55.6	1.931
248136.7	842622.5	132.9	28.121	21.442	37.3	35.363	0.4	28.141	1.874	2.122	48.6	2.831	0.8	-1.082	1.579	-55.6	1.914
248136.0	842621.8	132.8	28.036	21.379	37.3	35.258	0.4	28.057	1.870	2.118	48.6	2.825	0.8	-1.102	1.598	-55.4	1.942
248135.3	842621.1	132.7	27.922	21.287	37.3	35.111	0.5	27.941	1.865	2.112	48.6	2.817	0.8	-1.100	1.592	-55.4	1.934
248134.6	842620.3	132.6	27.826	21.212	37.3	34.989	0.5	27.844	1.859	2.107	48.6	2.810	0.8	-1.120	1.610	-55.2	1.961
248133.9	842619.6	132.6	27.757	21.164	37.3	34.906	0.5	27.777	1.854	2.101	48.6	2.802	0.9	-1.172	1.666	-54.9	2.037
248133.2	842618.9	132.5	27.703	21.130	37.3	34.842	0.5	27.726	1.848	2.095	48.6	2.794	0.9	-1.244	1.743	-54.5	2.142
248132.5	842618.2	132.4	27.635	21.082	37.3	34.758	0.5	27.660	1.842	2.089	48.6	2.785	0.9	-1.309	1.811	-54.1	2.235
248131.8	842617.5	132.3	27.515	20.984	37.3	34.604	0.6	27.537	1.835	2.082	48.6	2.775	0.9	-1.330	1.830	-54.0	2.262
248131.1	842616.8	132.2	27.380	20.870	37.3	34.427	0.6	27.396	1.828	2.074	48.6	2.765	0.9	-1.341	1.837	-53.9	2.274
248130.4	842616.0	132.1	27.190	20.704	37.3	34.175	0.7	27.196	1.820	2.065	48.6	2.753	0.9	-1.305	1.791	-53.9	2.216
248129.7	842615.3	132.0	27.001	20.538	37.3	33.925	0.8	26.996	1.812	2.057	48.6	2.741	0.9	-1.275	1.750	-53.9	2.165
248129.0	842614.6	131.9	26.813	20.373	37.2	33.674	0.8	26.797	1.803	2.048	48.6	2.728	0.9	-1.249	1.715	-53.9	2.121
248128.3	842613.9	131.7	26.624	20.207	37.2	33.424	0.9	26.598	1.794	2.038	48.6	2.715	0.9	-1.228	1.684	-53.9	2.084
248127.6	842613.2	131.6	26.431	20.038	37.2	33.168	1.0	26.394	1.785	2.029	48.7	2.702	0.8	-1.207	1.653	-53.9	2.047
248126.9	842612.4	131.5	26.239	19.869	37.1	32.913	1.1	26.191	1.776	2.019	48.7	2.688	0.8	-1.190	1.627	-53.8	2.016
248126.2	842611.7	131.3	26.052	19.705	37.1	32.664	1.2	25.994	1.766	2.008	48.7	2.675	0.8	-1.181	1.610	-53.7	1.997
248125.5	842611.0	131.2	25.868	19.544	37.1	32.421	1.2	25.800	1.756	1.998	48.7	2.660	0.8	-1.179	1.601	-53.6	1.988
248124.8	842610.3	131.1	25.685	19.384	37.0	32.178	1.3	25.607	1.747	1.988	48.7	2.646	0.8	-1.180	1.594	-53.5	1.983
248124.2	842609.6	131.0	25.563	19.283	37.0	32.020	1.4	25.481	1.737	1.978	48.7	2.632	0.9	-1.244	1.661	-53.2	2.075
248123.5	842608.9	130.9	25.452	19.192	37.0	31.877	1.4	25.367	1.728	1.968	48.7	2.619	0.9	-1.321	1.741	-52.8	2.185
248122.8	842608.1	130.8	25.307	19.069	37.0	31.687	1.4	25.216	1.718	1.958	48.7	2.605	0.9	-1.367	1.785	-52.6	2.248
248122.1	842607.4	130.7	25.119	18.904	37.0	31.438	1.5	25.018	1.708	1.948	48.7	2.591	0.9	-1.370	1.780	-52.4	2.246
248121.4	842606.7	130.5	24.932	18.740	36.9	31.190	1.6	24.820	1.698	1.937	48.8	2.576	0.9	-1.375	1.776	-52.3	2.246
248120.7	842606.0	130.4	24.745	18.577	36.9	30.942	1.7	24.623	1.689	1.927	48.8	2.562	0.9	-1.380	1.773	-52.1	2.247
248120.0	842605.3	130.3	24.559	18.414	36.9	30.696	1.8	24.427	1.679	1.917	48.8	2.548	0.9	-1.386	1.770	-51.9	2.248
248119.3	842604.5	130.2	24.374	18.252	36.8	30.450	1.8	24.231	1.669	1.907	48.8	2.534	0.9	-1.392	1.767	-51.8	2.249
248118.6	842603.8	130.0	24.189	18.090	36.8	30.205	1.9	24.037	1.660	1.897	48.8	2.520	0.9	-1.397	1.763	-51.6	2.250
248117.9	842603.1	129.9	24.005	17.929	36.8	29.962	2.0	23.843	1.650	1.887	48.8	2.507	0.9	-1.403	1.759	-51.4	2.249
248117.2	842602.4	129.8	23.816	17.764	36.7	29.711	2.1	23.644	1.641	1.877	48.8	2.493	0.9	-1.402	1.746	-51.2	2.239
248116.5	842601.7	129.6	23.604	17.577	36.7	29.429	2.2	23.419	1.632	1.867	48.8	2.480	0.9	-1.376	1.705	-51.1	2.190
248115.8	842601.0	129.5	23.420	17.416	36.6	29.185	2.2	23.225	1.623	1.858	48.9	2.467	0.9	-1.376	1.693	-50.9	2.182
248115.1	842600.2	129.4	23.262	17.280	36.6	28.977	2.3	23.059	1.614	1.849	48.9	2.454	0.9	-1.402	1.711	-50.7	2.211
248114.4	842599.5	129.3	23.112	17.152	36.6	28.781	2.4	22.903	1.606	1.840	48.9	2.442	0.9	-1.434	1.735	-50.4	2.251
248113.7	842598.8	129.2	22.962	17.023	36.6	28.584	2.4	22.746	1.598	1.831	48.9	2.431	0.9	-1.464	1.758	-50.2	2.288
248113.0	842598.1	129.1	22.813	16.896	36.5	28.388	2.5	22.590	1.590	1.823	48.9	2.419	0.9	-1.493	1.778	-50.0	2.322
248112.3	842597.4	128.9	22.663	16.768	36.5	28.192	2.5	22.435	1.582	1.815	48.9	2.408	0.9	-1.520	1.796	-49.8	2.353
248111.6	842596.6	128.8	22.530	16.655	36.5	28.018	2.6	22.296	1.575	1.807	48.9	2.397	0.9	-1.562	1.830	-49.5	2.406
248110.9	842595.9	128.7	22.391	16.537	36.4	27.836	2.6	22.151	1.567	1.799	48.9	2.386	0.9	-1.595	1.855	-49.3	2.447
248110.2	842595.2	128.6	22.242	16.410	36.4	27.640	2.7	21.995	1.559	1.791	48.9	2.374	0.9	-1.616	1.866	-49.1	2.469
248109.5	842594.5	128.5	22.116	16.304	36.4	27.476	2.7	21.864	1.552	1.783	49.0	2.364	0.9	-1.660	1.902	-48.9	2.524
248108.8	842593.8	128.4	21.989	16.197	36.4	27.310	2.8	21.733	1.545	1.775	49.0	2.353	0.9	-1.700	1.935	-48.7	2.576
248108.1	842593.1	128.3	21.862	16.090	36.4	27.144	2.8	21.601	1.538	1.767	49.0	2.343	0.9	-1.739	1.966	-48.5	2.624
248107.4	842592.3	128.2	21.734	15.983	36.3	26.978	2.9	21.469	1.531	1.760	49.0	2.332	0.9	-1.776	1.995	-48.3	2.670
248106.8	842591.6	128.2	21.607	15.876	36.3	26.812	2.9	21.337	1.524	1.752	49.0	2.321	0.8	-1.811	2.022	-48.2	2.714
248106.1	842590.9	128.1	21.480	15.769	36.3	26.647	3.0	21.205	1.516	1.744	49.0	2.311	0.8	-1.845	2.048	-48.0	2.756
248105.4	842590.2	128.0	21.353	15.662	36.3	26.481	3.0	21.073	1.509	1.735	49.0	2.300	0.8	-1.877	2.072	-47.8	2.796
248104.7	842589.5	127.8	21.174	15.506	36.2	26.244	3.1	20.885	1.501	1.726	49.0	2.288	0.8	-1.852	2.030	-47.6	2.748
248104.0	842588.7	127.7	20.976	15.333	36.2	25.982	3.2	20.676	1.493	1.717	49.0	2.275	0.8	-1.804	1.963	-47.4	2.666
248103.3	842588.0	127.5	20.769	15.153	36.1	25.709	3.3	20.459	1.484	1.707	49.0	2.262	0.7	-1.746	1.883	-47.2	2.568
248102.6	842587.3	127.4	20.562	14.972	36.1	25.435	3.3	20.241	1.476	1.697	49.0	2.249	0.7	-1.684	1.800	-46.9	2.465
248101.9	842586.6	127.2	20.354	14.790	36.0	25.160	3.4	20.022	1.467	1.687	49.0	2.235	0.7	-1.619	1.714	-46.6	2.357
248101.2	842585.9	127.1	20.140	14.604	35.9	24.878	3.5	19.797	1.458	1.676	49.0	2.222	0.6	-1.545	1.618	-46.3	2.237
248100.5	842585.2	126.9	19.943	14.432	35.9	24.618	3.6	19.590	1.449	1.666	49.0	2.208	0.6	-1.487	1.541	-46.0	2.141
248099.8	842584.4	126.8	19.823	14.332	35.9	24.461	3.6	19.466	1.442	1.657	49.0	2.196	0.6	-1.514	1.562	-45.9	2.175
248099.1	842583.7	126.7	19.725	14.253	35.9	24.336	3.7	19.366	1.434	1.648	49.0	2.184	0.6	-1.564	1.610	-45.8	2.245
248098.4	842583.0	126.6	19.587	14.136	35.8	24.155	3.7	19.222	1.426	1.638	49.0	2.172	0.6	-1.567	1.603	-45.7	2.242
248097.7	842582.3	126.5	19.405	13.979	35.8	23.916	3.8	19.032	1.417	1.628	49.0	2.159	0.6	-1.518	1.538	-45.4	2.161
248097.0	842581.6	126.3	19.215	13.815	35.7	23.665	3.9	18.832	1.409	1.618	48.9	2.145	0.5	-1.455	1.457	-45.0	2.059
248096.3	842580.8	126.1	18.983	13.613	35.6	23.360	4.0	18.589	1.400	1.607	48.9	2.131	0.5	-1.343	1.319	-44.5	1.883
248095.6	842580.1	126.0	18.769	13.428	35.6	23.077	4.1	18.364	1.391	1.597	48.9	2.118	0.5	-1.246	1.199	-43.9	1.729
248094.9	842579.4	125.9	18.642	13.322	35.5	22.913	4.1	18.234	1.383	1.587	48.9	2.106	0.5	-1.248	1.194	-43.7	1.727
248094.2	842578.7	125.8	18.516	13.217	35.5	22.749	4.2	18.103	1.376	1.578	48.9	2.094	0.5	-1.247	1.185	-43.5	1.721
248093.5	842578.0	125.7	18.393	13.114	35.5	22.589	4.2	17.976	1.369	1.570	48.9	2.083	0.5	-1.247	1.177	-43.3	1.714
248092.8	842577.3	125.6	18.277	13.018	35.5	22.439	4.2	17.856	1.362	1.561	48.9	2.072	0.5	-1.251	1.175	-43.2	1.716
248092.1	842576.5	125.5	18.161	12.922	35.4	22.290	4.3	17.738	1.355	1.553	48.9	2.061	0.5	-1.253	1.169	-43.0	1.714
248091.4	842575.8	125.4	18.046	12.827	35.4	22.141	4.3	17.619	1.348	1.546	48.9	2.051	0.5	-1.251	1.159	-42.8	1.706
248090.7	842575.1	125.3	17.931	12.732	35.4	21.992	4.4	17.500	1.342	1.538	48.9	2.041	0.5	-1.245	1.146	-42.6	1.692
248090.0	842574.4	125.2	17.825	12.645	35.4	21.855	4.4	17.391	1.336	1.531	48.9	2.032	0.5	-1.246	1.139	-42.4	1.688
248089.4	842573.7	125.1	17.721	12.559	35.3	21.720	4.4	17.284	1.330	1.524	48.9	2.023	0.5	-1.244	1.130	-42.3	1.681
248088.7	842573.0	125.0	17.619	12.476	35.3	21.589	4.5	17.180	1.325	1.518	48.9	2.015	0.5	-1.241	1.120	-42.1	1.672
248088.0	842572.2	124.9	17.517	12.392	35.3	21.457	4.5	17.075	1.320	1.512	48.9	2.007	0.5	-1.234	1.104	-41.8	1.655
248087.3	842571.5	124.8	17.405	12.300	35.2	21.312	4.5	16.960	1.315	1.506	48.9	1.999	0.6	-1.210	1.070	-41.5	1.615
248086.6	842570.8	124.8	17.293	12.208	35.2	21.168	4.6	16.845	1.310	1.500	48.9	1.992	0.6	-1.182	1.031	-41.1	1.568
248085.9	842570.1	124.7	17.182	12.116	35.2	21.024	4.6	16.730	1.305	1.495	48.9	1.985	0.6	-1.149	0.987	-40.7	1.515
248085.2	842569.4	124.6	17.099	12.050	35.2	20.918	4.6	16.646	1.301	1.490	48.9	1.978	0.6	-1.147	0.979	-40.5	1.508
248084.5	842568.6	124.5	17.016	11.983	35.2	20.812	4.7	16.562	1.297	1.486	48.9	1.973	0.6	-1.141	0.965	-40.2	1.494
248083.8	842567.9	124.5	16.932	11.916	35.1	20.705	4.7	16.476	1.294	1.482	48.9	1.967	0.6	-1.128	0.945	-40.0	1.472
248083.1	842567.2	124.4	16.851	11.852	35.1	20.601	4.7	16.394	1.291	1.478	48.9	1.962	0.6	-1.115	0.925	-39.7	1.448
248082.4	842566.5	124.3	16.774	11.790	35.1	20.503	4.7	16.316	1.287	1.474	48.9	1.957	0.6	-1.102	0.904	-39.4	1.425
248081.7	842565.8	124.3	16.697	11.729	35.1	20.404	4.8	16.237	1.285	1.471	48.9	1.953	0.6	-1.083	0.879	-39.0	1.395
248081.0	842565.1	124.2	16.619	11.667	35.1	20.305	4.8	16.158	1.282	1.468	48.9	1.949	0.6	-1.061	0.848	-38.7	1.358
248080.3	842564.3	124.2	16.541	11.605	35.1	20.206	4.8	16.079	1.280	1.465	48.9	1.945	0.6	-1.033	0.812	-38.2	1.314
248079.6	842563.6	124.1	16.463	11.543	35.0	20.107	4.8	16.000	1.278	1.462	48.9	1.942	0.6	-1.000	0.771	-37.6	1.263
248078.9	842562.9	124.0	16.385	11.481	35.0	20.007	4.8	15.921	1.276	1.460	48.9	1.939	0.6	-0.963	0.725	-37.0	1.205

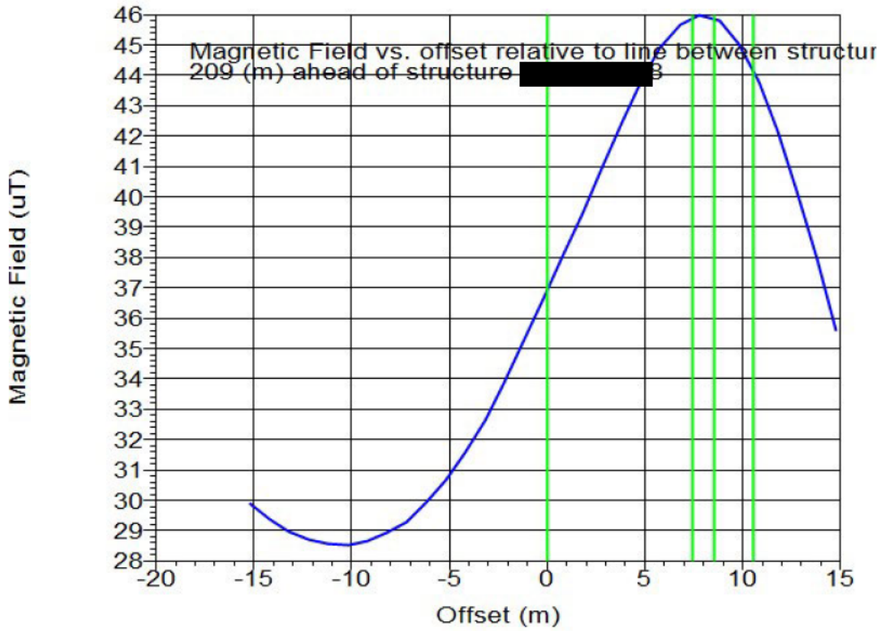
248078.2	842562.2	124.0	16.338	11.446	35.0	19.948	4.9	15.874	1.274	1.458	48.9	1.937	0.6	-0.959	0.717	-36.8	1.198
248077.5	842561.5	124.0	16.319	11.436	35.0	19.927	4.8	15.857	1.274	1.458	48.8	1.936	0.6	-0.988	0.746	-37.1	1.238
248076.8	842560.7	124.0	16.299	11.425	35.0	19.905	4.8	15.840	1.273	1.457	48.8	1.935	0.7	-1.011	0.770	-37.3	1.271
248076.1	842560.0	124.0	16.279	11.414	35.0	19.882	4.8	15.821	1.273	1.457	48.8	1.935	0.7	-1.029	0.788	-37.4	1.296
248075.4	842559.3	124.0	16.258	11.403	35.0	19.858	4.8	15.802	1.273	1.457	48.8	1.935	0.7	-1.042	0.800	-37.5	1.314
248074.7	842558.6	124.0	16.266	11.417	35.1	19.873	4.8	15.815	1.274	1.458	48.8	1.936	0.7	-1.088	0.850	-38.0	1.381
248074.0	842557.9	124.1	16.324	11.476	35.1	19.954	4.8	15.879	1.276	1.460	48.8	1.939	0.7	-1.192	0.967	-39.0	1.535
248073.3	842557.2	124.2	16.364	11.518	35.1	20.011	4.7	15.925	1.278	1.462	48.8	1.941	0.8	-1.269	1.053	-39.7	1.650
248072.6	842556.4	124.2	16.342	11.505	35.1	19.985	4.7	15.904	1.279	1.463	48.8	1.943	0.8	-1.263	1.044	-39.6	1.639
248072.0	842555.7	124.2	16.326	11.498	35.2	19.969	4.7	15.891	1.281	1.465	48.8	1.946	0.8	-1.261	1.041	-39.5	1.635
248071.3	842555.0	124.2	16.294	11.477	35.2	19.930	4.7	15.860	1.282	1.467	48.8	1.948	0.8	-1.234	1.008	-39.2	1.594
248070.6	842554.3	124.2	16.261	11.454	35.2	19.890	4.7	15.828	1.284	1.469	48.8	1.951	0.8	-1.201	0.969	-38.9	1.543
248069.9	842553.6	124.1	16.227	11.431	35.2	19.849	4.7	15.795	1.286	1.471	48.8	1.954	0.8	-1.163	0.924	-38.5	1.486
248069.2	842552.8	124.1	16.193	11.407	35.2	19.807	4.7	15.762	1.288	1.474	48.8	1.958	0.8	-1.120	0.874	-38.0	1.421
248068.5	842552.1	124.1	16.158	11.383	35.2	19.765	4.7	15.728	1.291	1.477	48.8	1.962	0.9	-1.073	0.819	-37.4	1.349
248067.8	842551.4	124.2	16.212	11.438	35.2	19.840	4.7	15.789	1.295	1.482	48.8	1.968	0.9	-1.136	0.891	-38.1	1.443
248067.1	842550.7	124.3	16.276	11.502	35.2	19.930	4.7	15.860	1.300	1.487	48.8	1.976	0.9	-1.208	0.974	-38.9	1.552
248066.4	842550.0	124.4	16.302	11.532	35.3	19.969	4.6	15.891	1.304	1.492	48.8	1.982	0.9	-1.229	0.997	-39.1	1.583
248065.7	842549.3	124.4	16.328	11.562	35.3	20.007	4.6	15.921	1.309	1.498	48.8	1.989	0.9	-1.246	1.017	-39.2	1.608
248065.0	842548.5	124.5	16.353	11.592	35.3	20.045	4.6	15.951	1.314	1.503	48.8	1.997	1.0	-1.259	1.033	-39.4	1.629
248064.3	842547.8	124.5	16.372	11.616	35.4	20.074	4.6	15.975	1.319	1.509	48.8	2.004	1.0	-1.262	1.037	-39.4	1.633
248063.6	842547.1	124.6	16.432	11.676	35.4	20.158	4.5	16.041	1.324	1.515	48.8	2.012	1.0	-1.314	1.099	-39.9	1.713
248062.9	842546.4	124.7	16.467	11.715	35.4	20.209	4.5	16.082	1.330	1.521	48.8	2.020	1.0	-1.334	1.123	-40.1	1.744
248062.2	842545.7	124.8	16.537	11.785	35.5	20.306	4.5	16.159	1.335	1.528	48.8	2.029	1.0	-1.396	1.196	-40.6	1.839
248061.5	842544.9	125.0	16.738	11.974	35.6	20.580	4.3	16.377	1.343	1.536	48.8	2.041	1.1	-1.626	1.462	-42.0	2.187
248060.8	842544.2	125.1	16.842	12.075	35.6	20.724	4.3	16.492	1.350	1.543	48.8	2.050	1.1	-1.730	1.584	-42.5	2.346
248060.1	842543.5	125.2	16.839	12.080	35.7	20.724	4.3	16.491	1.354	1.548	48.8	2.057	1.1	-1.697	1.550	-42.4	2.298
248059.4	842542.8	125.2	16.879	12.122	35.7	20.781	4.2	16.537	1.359	1.554	48.8	2.064	1.1	-1.718	1.579	-42.6	2.333
248058.7	842542.1	125.3	16.925	12.172	35.7	20.848	4.2	16.590	1.364	1.559	48.8	2.072	1.1	-1.749	1.619	-42.8	2.383
248058.0	842541.4	125.4	16.995	12.242	35.8	20.945	4.2	16.667	1.370	1.565	48.8	2.079	1.1	-1.809	1.693	-43.1	2.477
248057.3	842540.6	125.5	17.028	12.280	35.8	20.994	4.1	16.706	1.374	1.569	48.8	2.086	1.1	-1.824	1.717	-43.3	2.505
248056.6	842539.9	125.5	17.060	12.316	35.8	21.041	4.1	16.744	1.378	1.573	48.8	2.092	1.1	-1.839	1.741	-43.4	2.533
248055.9	842539.2	125.6	17.041	12.306	35.8	21.020	4.1	16.727	1.382	1.576	48.8	2.096	1.1	-1.791	1.693	-43.4	2.465
248055.2	842538.5	125.5	16.987	12.263	35.8	20.951	4.1	16.672	1.384	1.579	48.8	2.100	1.1	-1.699	1.596	-43.2	2.331
248054.6	842537.8	125.5	16.933	12.220	35.8	20.882	4.1	16.617	1.386	1.581	48.7	2.102	1.1	-1.607	1.501	-43.0	2.199
248053.9	842537.0	125.6	16.918	12.213	35.8	20.866	4.1	16.604	1.389	1.583	48.7	2.106	1.1	-1.569	1.466	-43.1	2.148
248053.2	842536.3	125.6	16.908	12.211	35.8	20.857	4.1	16.597	1.391	1.584	48.7	2.108	1.1	-1.540	1.443	-43.1	2.111
248052.5	842535.6	125.6	16.898	12.209	35.8	20.847	4.1	16.589	1.393	1.585	48.7	2.111	1.1	-1.513	1.422	-43.2	2.077
248051.8	842534.9	125.7	16.892	12.210	35.9	20.843	4.1	16.586	1.395	1.586	48.7	2.112	1.1	-1.494	1.411	-43.4	2.055
248051.1	842534.2	125.7	16.887	12.212	35.9	20.840	4.1	16.584	1.396	1.587	48.7	2.114	1.1	-1.478	1.403	-43.5	2.038
248050.4	842533.5	125.7	16.880	12.212	35.9	20.835	4.1	16.580	1.397	1.587	48.6	2.115	1.1	-1.464	1.398	-43.7	2.024
248049.7	842532.7	125.8	16.864	12.204	35.9	20.816	4.1	16.565	1.398	1.587	48.6	2.115	1.0	-1.439	1.380	-43.8	1.994
248049.0	842532.0	125.8	16.836	12.185	35.9	20.783	4.1	16.539	1.398	1.586	48.6	2.115	1.0	-1.402	1.349	-43.9	1.946
248048.3	842531.3	125.8	16.847	12.202	35.9	20.801	4.1	16.553	1.399	1.586	48.6	2.115	1.0	-1.418	1.379	-44.2	1.978
248047.6	842530.6	125.9	16.857	12.218	35.9	20.819	4.1	16.567	1.399	1.585	48.6	2.114	1.0	-1.436	1.410	-44.5	2.013
248046.9	842529.9	125.9	16.866	12.233	36.0	20.836	4.1	16.581	1.399	1.584	48.6	2.114	1.0	-1.456	1.443	-44.7	2.050
248046.2	842529.1	126.0	16.875	12.248	36.0	20.851	4.1	16.593	1.399	1.583	48.5	2.113	1.0	-1.477	1.477	-45.0	2.089
248045.5	842528.4	126.0	16.803	12.188	36.0	20.758	4.1	16.519	1.398	1.581	48.5	2.111	1.0	-1.394	1.392	-45.0	1.970
248044.8	842527.7	125.9	16.724	12.122	35.9	20.656	4.1	16.437	1.396	1.579	48.5	2.108	0.9	-1.303	1.299	-44.9	1.840
248044.1	842527.0	126.0	16.691	12.098	35.9	20.614	4.1	16.404	1.395	1.577	48.5	2.106	0.9	-1.274	1.275	-45.0	1.803
248043.4	842526.3	126.0	16.673	12.088	35.9	20.594	4.1	16.388	1.394	1.575	48.5	2.104	0.9	-1.268	1.278	-45.2	1.800
248042.7	842525.6	126.0	16.646	12.070	35.9	20.562	4.1	16.363	1.393	1.573	48.5	2.101	0.9	-1.252	1.268	-45.4	1.782
248042.0	842524.8	126.0	16.613	12.045	35.9	20.520	4.1	16.329	1.391	1.571	48.5	2.099	0.9	-1.229	1.249	-45.5	1.752
248041.3	842524.1	126.0	16.578	12.020	35.9	20.478	4.1	16.296	1.390	1.569	48.5	2.096	0.9	-1.205	1.230	-45.6	1.722
248040.6	842523.4	126.1	16.556	12.006	35.9	20.451	4.1	16.274	1.388	1.567	48.5	2.093	0.9	-1.199	1.231	-45.7	1.718
248039.9	842522.7	126.1	16.541	11.998	36.0	20.434	4.1	16.261	1.387	1.565	48.5	2.091	0.9	-1.204	1.243	-45.9	1.730
248039.2	842522.0	126.1	16.519	11.985	36.0	20.408	4.1	16.241	1.385	1.563	48.5	2.088	0.9	-1.201	1.246	-46.1	1.730
248038.5	842521.3	126.2	16.495	11.969	36.0	20.379	4.1	16.217	1.383	1.560	48.4	2.085	0.9	-1.195	1.246	-46.2	1.726
248037.8	842520.5	126.2	16.470	11.952	36.0	20.350	4.1	16.194	1.382	1.558	48.4	2.083	0.9	-1.189	1.245	-46.3	1.721
248037.2	842519.8	126.2	16.381	11.877	35.9	20.234	4.2	16.102	1.379	1.555	48.4	2.079	0.9	-1.097	1.146	-46.3	1.587
248036.5	842519.1	126.2	16.337	11.842	35.9	20.177	4.2	16.056	1.377	1.553	48.4	2.075	0.8	-1.064	1.115	-46.3	1.541
248035.8	842518.4	126.2	16.310	11.823	35.9	20.144	4.2	16.030	1.375	1.551	48.4	2.073	0.8	-1.056	1.110	-46.4	1.532
248035.1	842517.7	126.2	16.274	11.797	35.9	20.100	4.2	15.995	1.373	1.549	48.4	2.070	0.8	-1.036	1.093	-46.5	1.506
248034.4	842516.9	126.2	16.210	11.744	35.9	20.018	4.2	15.929	1.371	1.546	48.4	2.067	0.8	-0.977	1.030	-46.5	1.419
248033.7	842516.2	126.2	16.185	11.727	35.9	19.987	4.2	15.905	1.370	1.544	48.4	2.064	0.8	-0.969	1.026	-46.6	1.411
248033.0	842515.5	126.3	16.196	11.744	35.9	20.006	4.2	15.920	1.369	1.543	48.4	2.063	0.8	-1.011	1.078	-46.8	1.478
248032.3	842514.8	126.4	16.191	11.745	36.0	20.003	4.2	15.918	1.368	1.542	48.4	2.061	0.8	-1.030	1.103	-47.0	1.509
248031.6	842514.1	126.4	16.178	11.739	36.0	19.988	4.2	15.906	1.366	1.540	48.4	2.059	0.8	-1.036	1.114	-47.1	1.521
248030.9	842513.4	126.4	16.135	11.705	36.0	19.933	4.2	15.863	1.365	1.539	48.4	2.057	0.8	-1.001	1.077	-47.1	1.470
248030.2	842512.6	126.5	16.091	11.671	36.0	19.878	4.2	15.819	1.364	1.537	48.4	2.055	0.8	-0.964	1.038	-47.1	1.417
248029.5	842511.9	126.5	16.053	11.642	35.9	19.831	4.2	15.781	1.363	1.536	48.4	2.053	0.8	-0.932	1.006	-47.2	1.371
248028.8	842511.2	126.6	16.108	11.698	36.0	19.907	4.2	15.842	1.363	1.536	48.4	2.054	0.8	-1.025	1.114	-47.4	1.514
248028.1	842510.5	126.7	16.124	11.719	36.0	19.933	4.2	15.862	1.363	1.536	48.4	2.054	0.8	-1.065	1.162	-47.5	1.576
248027.4	842509.8	126.7	16.140	11.739	36.0	19.958	4.1	15.882	1.363	1.536	48.4	2.054	0.8	-1.102	1.206	-47.6	1.633
248026.7	842509.0	126.8	16.107	11.715	36.0	19.917	4.1	15.849	1.363	1.536	48.4	2.053	0.8	-1.070	1.173	-47.6	1.588
248026.0	842508.3	126.8	16.063	11.680	36.0	19.860	4.2	15.804	1.362	1.536	48.4	2.053	0.7	-1.020	1.119	-47.6	1.514
248025.3	842507.6	126.8	16.033	11.658	36.0	19.823	4.2	15.775	1.362	1.536	48.4	2.053	0.7	-0.989	1.085	-47.7	1.468
248024.6	842506.9	126.9	16.014	11.647	36.0	19.801	4.2	15.758	1.362	1.536	48.4	2.053	0.7	-0.970	1.065	-47.7	1.440
248023.9	842506.2	126.9	16.001	11.640	36.0	19.787	4.2	15.746	1.363	1.537	48.4	2.054	0.7	-0.956	1.051	-47.7	1.420
248023.2	842505.5	127.0	16.004	11.649	36.0	19.795	4.2	15.752	1.364	1.538	48.4	2.056	0.7	-0.962	1.059	-47.7	1.431
248022.5	842504.7	127.1	16.041	11.689	36.1	19.848	4.1	15.795	1.365	1.540	48.5	2.058	0.7	-1.012	1.116	-47.8	1.507
248021.8	842504.0	127.2	16.078	11.728	36.1	19.901	4.1	15.837	1.367	1.543	48.5	2.061	0.7	-1.059	1.169	-47.8	1.577
248021.1	842503.3	127.3	16.114	11.767	36.1	19.954	4.1	15.878	1.369	1.545	48.5	2.064	0.7	-1.102	1.218	-47.9	1.642
248020.4	842502.6	127.4	16.091	11.752	36.1	19.926	4.1	15.856	1.370	1.547	48.5	2.066	0.7	-1.062	1.172	-47.8	1.582
248019.8	842501.9	127.4	16.045	11.715	36.1	19.867	4.1	15.810	1.371	1.549	48.5	2.068	0.7	-0.988	1.088	-47.8	1.469
248019.1	842501.1	127.5	16.050	11.725	36.1	19.876	4.1	15.817	1.373	1.552	48.5	2.072	0.7	-0.980	1.078	-47.7	1.457
248018.4	842500.4	127.5	16.065	11.745	36.2	19.900	4.1	15.836	1.375	1.555	48.5	2.076	0.7	-0.984	1.081	-47.7	1.462

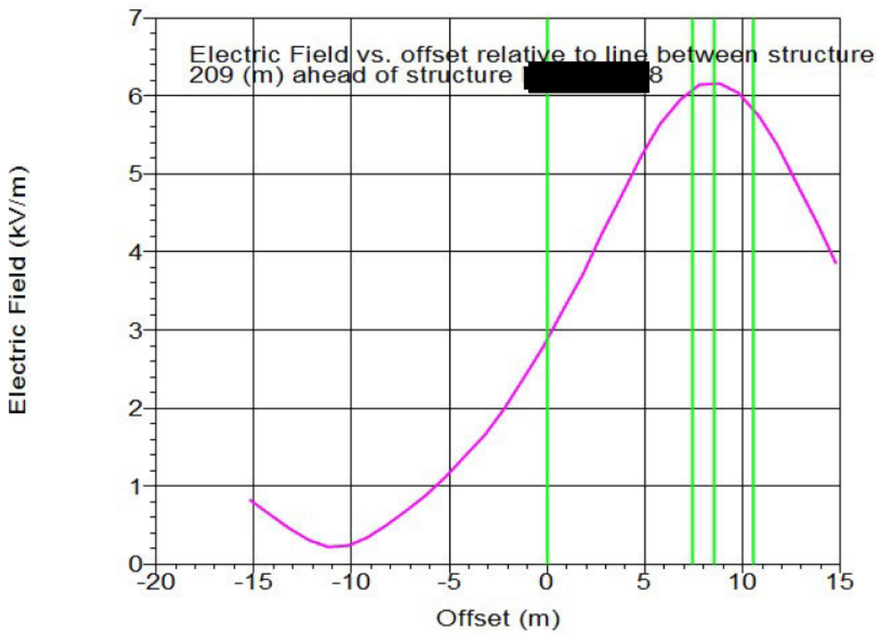
248017.7	842499.7	127.6	16.054	11.740	36.2	19.889	4.2	15.827	1.368	1.555	48.6	2.071	0.7	-1.089	1.141	-46.3	1.577
248017.0	842499.0	127.8	16.108	11.795	36.2	19.965	4.1	15.887	1.371	1.559	48.7	2.076	0.7	-1.139	1.197	-46.4	1.652
248016.3	842498.3	127.9	16.176	11.864	36.3	20.061	4.1	15.964	1.375	1.563	48.7	2.082	0.7	-1.207	1.272	-46.5	1.753
248015.6	842497.6	128.1	16.247	11.935	36.3	20.159	4.1	16.042	1.378	1.568	48.7	2.088	0.7	-1.274	1.345	-46.6	1.853
248014.9	842496.8	128.2	16.329	12.017	36.4	20.275	4.0	16.134	1.382	1.573	48.7	2.094	0.7	-1.354	1.434	-46.6	1.972
248014.2	842496.1	128.4	16.449	12.134	36.4	20.440	4.0	16.266	1.386	1.579	48.7	2.102	0.7	-1.480	1.575	-46.8	2.161
248013.5	842495.4	128.5	16.511	12.197	36.5	20.527	4.0	16.335	1.390	1.585	48.7	2.108	0.7	-1.525	1.624	-46.8	2.228
248012.8	842494.7	128.6	16.537	12.227	36.5	20.567	3.9	16.366	1.394	1.590	48.8	2.114	0.7	-1.522	1.617	-46.7	2.221
248012.1	842494.0	128.8	16.575	12.268	36.5	20.622	3.9	16.410	1.397	1.595	48.8	2.120	0.7	-1.531	1.624	-46.7	2.232
248011.4	842493.2	128.9	16.617	12.313	36.5	20.682	3.9	16.458	1.401	1.600	48.8	2.127	0.7	-1.541	1.634	-46.7	2.246
248010.7	842492.5	129.0	16.622	12.323	36.6	20.692	3.9	16.466	1.405	1.605	48.8	2.133	0.7	-1.501	1.585	-46.6	2.183
248010.0	842491.8	129.1	16.661	12.365	36.6	20.748	3.9	16.511	1.409	1.611	48.8	2.140	0.7	-1.502	1.583	-46.5	2.182
248009.3	842491.1	129.2	16.708	12.414	36.6	20.815	3.8	16.564	1.413	1.618	48.9	2.148	0.7	-1.510	1.590	-46.5	2.193
248008.6	842490.4	129.4	16.824	12.529	36.7	20.977	3.8	16.693	1.419	1.625	48.9	2.157	0.7	-1.605	1.696	-46.6	2.335
248007.9	842489.7	129.5	16.904	12.608	36.7	21.088	3.7	16.781	1.424	1.632	48.9	2.166	0.6	-1.649	1.744	-46.6	2.400
248007.2	842488.9	129.7	16.964	12.670	36.8	21.173	3.7	16.849	1.429	1.639	48.9	2.175	0.6	-1.664	1.760	-46.6	2.422
248006.5	842488.2	129.8	17.022	12.730	36.8	21.255	3.7	16.914	1.434	1.646	48.9	2.183	0.6	-1.674	1.770	-46.6	2.436
248005.8	842487.5	129.9	17.074	12.784	36.8	21.330	3.7	16.974	1.439	1.654	49.0	2.192	0.6	-1.674	1.768	-46.6	2.435
248005.1	842486.8	130.1	17.147	12.859	36.9	21.433	3.6	17.056	1.444	1.661	49.0	2.201	0.5	-1.697	1.794	-46.6	2.470
248004.4	842486.1	130.2	17.220	12.933	36.9	21.536	3.6	17.138	1.450	1.669	49.0	2.211	0.5	-1.718	1.818	-46.6	2.501
248003.7	842485.3	130.4	17.273	12.988	36.9	21.611	3.6	17.197	1.455	1.676	49.0	2.220	0.5	-1.708	1.808	-46.6	2.487
248003.0	842484.6	130.5	17.296	13.016	37.0	21.646	3.6	17.226	1.461	1.683	49.0	2.228	0.4	-1.660	1.754	-46.6	2.415
248002.4	842483.9	130.6	17.309	13.034	37.0	21.668	3.5	17.243	1.466	1.690	49.1	2.237	0.4	-1.596	1.682	-46.5	2.319
248001.7	842483.2	130.7	17.343	13.071	37.0	21.717	3.5	17.282	1.471	1.697	49.1	2.246	0.3	-1.555	1.638	-46.5	2.259
248001.0	842482.5	130.9	17.467	13.194	37.1	21.890	3.5	17.420	1.478	1.705	49.1	2.257	0.3	-1.626	1.723	-46.7	2.369
248000.3	842481.8	131.1	17.635	13.358	37.1	22.123	3.4	17.605	1.485	1.715	49.1	2.269	0.3	-1.746	1.867	-46.9	2.556
247999.6	842481.0	131.4	17.807	13.526	37.2	22.362	3.3	17.795	1.493	1.724	49.1	2.281	0.3	-1.866	2.011	-47.1	2.744
247998.9	842480.3	131.6	17.981	13.696	37.3	22.603	3.2	17.987	1.501	1.734	49.1	2.294	0.2	-1.984	2.154	-47.3	2.928
247998.2	842479.6	131.8	18.064	13.780	37.3	22.720	3.2	18.080	1.508	1.743	49.1	2.305	0.2	-1.988	2.165	-47.4	2.940
247997.5	842478.9	131.9	18.119	13.838	37.4	22.799	3.2	18.143	1.515	1.751	49.1	2.315	0.1	-1.955	2.134	-47.5	2.894
247996.8	842478.2	132.0	18.174	13.896	37.4	22.877	3.1	18.205	1.522	1.759	49.1	2.326	0.1	-1.918	2.099	-47.6	2.843
247996.1	842477.5	132.2	18.228	13.953	37.4	22.955	3.1	18.267	1.529	1.768	49.1	2.337	0.1	-1.876	2.060	-47.7	2.787
247995.4	842476.7	132.3	18.300	14.027	37.5	23.057	3.1	18.348	1.537	1.777	49.1	2.349	0.1	-1.853	2.042	-47.8	2.758
247994.7	842476.0	132.4	18.289	14.022	37.5	23.045	3.1	18.339	1.543	1.785	49.2	2.360	0.1	-1.727	1.905	-47.8	2.571
247994.0	842475.3	132.5	18.430	14.115	37.4	23.214	3.1	18.473	1.562	1.804	49.1	2.386	0.1	-1.645	1.832	-48.1	2.462
247993.3	842474.6	132.7	18.520	14.207	37.5	23.342	3.0	18.575	1.571	1.815	49.1	2.400	0.1	-1.636	1.829	-48.2	2.454
247992.6	842473.9	132.9	18.600	14.287	37.5	23.454	3.0	18.664	1.581	1.826	49.1	2.415	0.1	-1.610	1.807	-48.3	2.420
247991.9	842473.1	133.1	18.727	14.413	37.6	23.631	2.9	18.805	1.591	1.838	49.1	2.430	0.1	-1.640	1.848	-48.4	2.471
247991.2	842472.4	133.3	18.958	14.639	37.7	23.952	2.8	19.060	1.602	1.851	49.1	2.448	0.0	-1.793	2.031	-48.6	2.710
247990.5	842471.7	133.5	19.055	14.737	37.7	24.089	2.8	19.170	1.612	1.863	49.1	2.464	0.0	-1.784	2.027	-48.6	2.700
247989.8	842471.0	133.7	19.218	14.898	37.8	24.316	2.7	19.350	1.622	1.876	49.1	2.480	0.0	-1.852	2.111	-48.7	2.808
247989.1	842470.3	134.4	19.964	15.621	38.0	25.349	2.4	20.172	1.641	1.898	49.2	2.509	0.2	-2.597	2.972	-48.9	3.947
247988.4	842469.6	134.5	20.045	15.704	38.1	25.464	2.3	20.264	1.650	1.909	49.2	2.523	0.2	-2.569	2.946	-48.9	3.909
247987.7	842468.8	134.4	19.687	15.364	38.0	24.973	2.5	19.873	1.653	1.913	49.2	2.528	0.1	-2.038	2.338	-48.9	3.101
247987.0	842468.1	134.2	19.344	15.038	37.9	24.501	2.7	19.497	1.658	1.918	49.2	2.535	0.1	-1.509	1.734	-49.0	2.298
247986.3	842467.4	134.3	19.364	15.061	37.9	24.531	2.6	19.521	1.666	1.928	49.2	2.548	0.1	-1.415	1.630	-49.0	2.158
247985.6	842466.7	134.8	19.865	15.549	38.1	25.226	2.4	20.075	1.678	1.941	49.2	2.566	0.1	-1.903	2.196	-49.1	2.906
247985.0	842466.0	135.1	20.182	15.859	38.2	25.667	2.3	20.425	1.687	1.952	49.2	2.581	0.1	-2.167	2.506	-49.1	3.313
247984.3	842465.2	135.2	20.184	15.866	38.2	25.674	2.3	20.431	1.693	1.959	49.2	2.589	0.1	-2.072	2.402	-49.2	3.172
247983.6	842464.5	135.3	20.171	15.858	38.2	25.658	2.3	20.418	1.699	1.965	49.2	2.597	0.1	-1.964	2.282	-49.3	3.011
247982.9	842463.8	135.4	20.180	15.871	38.2	25.674	2.3	20.431	1.704	1.970	49.1	2.605	0.1	-1.890	2.202	-49.4	2.902
247982.2	842463.1	135.6	20.300	15.992	38.2	25.842	2.2	20.565	1.709	1.976	49.1	2.612	0.1	-1.952	2.280	-49.4	3.002
247981.5	842462.4	135.8	20.441	16.133	38.3	26.040	2.2	20.722	1.714	1.980	49.1	2.619	0.1	-2.048	2.397	-49.5	3.152
247980.8	842461.7	136.0	20.534	16.227	38.3	26.172	2.1	20.827	1.718	1.984	49.1	2.624	0.1	-2.096	2.459	-49.6	3.231
247980.1	842460.9	136.1	20.512	16.210	38.3	26.144	2.1	20.805	1.720	1.985	49.1	2.627	0.1	-2.019	2.378	-49.7	3.120
247979.4	842460.2	136.1	20.471	16.175	38.3	26.090	2.1	20.762	1.721	1.986	49.1	2.628	0.1	-1.931	2.283	-49.8	2.990
247978.7	842459.5	136.2	20.411	16.121	38.3	26.010	2.2	20.698	1.722	1.986	49.1	2.628	0.1	-1.830	2.174	-49.9	2.841
247978.0	842458.8	136.2	20.314	16.031	38.3	25.878	2.2	20.593	1.722	1.984	49.0	2.627	0.1	-1.694	2.025	-50.1	2.640
247977.3	842458.1	136.4	20.441	16.158	38.3	26.056	2.2	20.735	1.722	1.983	49.0	2.627	0.1	-1.835	2.196	-50.1	2.862
247976.6	842457.3	136.6	20.585	16.302	38.4	26.259	2.1	20.896	1.722	1.982	49.0	2.625	0.1	-2.008	2.402	-50.1	3.131
247975.9	842456.6	136.7	20.516	16.240	38.4	26.166	2.1	20.822	1.719	1.978	49.0	2.620	0.1	-1.941	2.333	-50.2	3.035
247975.2	842455.9	136.7	20.378	16.110	38.3	25.977	2.2	20.672	1.716	1.972	49.0	2.614	0.1	-1.803	2.184	-50.4	2.832
247974.5	842455.2	136.8	20.358	16.095	38.3	25.951	2.2	20.651	1.712	1.967	49.0	2.607	0.1	-1.818	2.209	-50.5	2.861
247973.8	842454.5	136.9	20.368	16.109	38.3	25.969	2.2	20.665	1.707	1.960	48.9	2.599	0.1	-1.881	2.290	-50.6	2.964
247973.1	842453.8	137.0	20.351	16.096	38.3	25.947	2.2	20.648	1.702	1.952	48.9	2.590	0.1	-1.924	2.348	-50.7	3.035
247972.4	842453.0	137.1	20.333	16.083	38.3	25.925	2.2	20.630	1.695	1.944	48.9	2.579	0.1	-1.977	2.419	-50.7	3.124
247971.7	842452.3	137.2	20.228	15.985	38.3	25.782	2.2	20.517	1.688	1.934	48.9	2.567	0.1	-1.940	2.386	-50.9	3.075
247971.0	842451.6	137.2	20.117	15.882	38.3	25.630	2.3	20.396	1.679	1.922	48.9	2.553	0.0	-1.906	2.357	-51.0	3.031
247970.3	842450.9	137.2	19.932	15.707	38.2	25.377	2.4	20.194	1.670	1.910	48.8	2.537	0.0	-1.794	2.239	-51.3	2.869
247969.6	842450.2	137.2	19.786	15.570	38.2	25.178	2.4	20.036	1.660	1.897	48.8	2.521	0.0	-1.740	2.187	-51.5	2.795
247968.9	842449.4	137.2	19.684	15.476	38.2	25.039	2.5	19.925	1.650	1.883	48.8	2.504	0.0	-1.751	2.209	-51.6	2.818
247968.2	842448.7	137.3	19.617	15.415	38.2	24.949	2.5	19.854	1.639	1.869	48.8	2.486	0.0	-1.815	2.292	-51.6	2.924
247967.6	842448.0	137.3	19.515	15.321	38.1	24.810	2.6	19.743	1.627	1.854	48.7	2.467	0.1	-1.845	2.337	-51.7	2.978
247966.9	842447.3	137.4	19.408	15.222	38.1	24.665	2.6	19.628	1.615	1.839	48.7	2.447	0.1	-1.880	2.387	-51.8	3.038
247966.2	842446.6	137.3	19.198	15.024	38.0	24.378	2.7	19.399	1.602	1.822	48.7	2.426	0.1	-1.796	2.301	-52.0	2.919
247965.5	842445.9	137.3	19.011	14.848	38.0	24.122	2.8	19.196	1.588	1.804	48.6	2.404	0.1	-1.749	2.256	-52.2	2.854
247964.8	842445.1	137.3	18.815	14.663	37.9	23.854	2.9	18.982	1.574	1.787	48.6	2.381	0.1	-1.696	2.205	-52.4	2.782
247964.1	842444.4	137.3	18.654	14.513	37.9	23.635	2.9	18.808	1.560	1.768	48.6	2.358	0.2	-1.695	2.214	-52.6	2.788
247963.4	842443.7	137.2	18.464	14.335	37.8	23.375	3.0	18.601	1.545	1.750	48.6	2.334	0.2	-1.662	2.186	-52.7	2.746
247962.7	842443.0	137.2	18.245	14.129	37.8	23.076	3.1	18.363	1.530	1.730	48.5	2.310	0.2	-1.598	2.121	-53.0	2.656
247962.0	842442.3	137.1	17.996	13.895	37.7	22.736	3.2	18.093	1.514	1.711	48.5	2.285	0.2	-1.499	2.018	-53.4	2.514
247961.3	842441.5	137.0	17.751	13.666	37.6	22.402	3.3	17.827	1.498	1.690	48.4	2.259	0.3	-1.409	1.924	-53.8	2.384
247960.6	842440.8	136.9	17.510	13.440	37.5	22.074	3.4	17.566	1.482	1.670	48.4	2.233	0.3	-1.325	1.837	-54.2	2.265
247959.9	842440.1	136.8	17.220	13.169	37.4	21.678	3.5	17.251	1.466	1.649	48.4	2.207	0.3	-1.177	1.677	-54.9	2.049
247959.2	842439.4	136.6	16.931	12.900	37.3	21.285	3.6	16.938	1.449	1.628	48.3	2.180	0.3	-1.031	1.519	-55.8	1.836
247958.5	842438.7	136.6	16.765	12.747	37.2	21.061	3.7	16.760	1.433	1.608	48.3	2.154	0.4	-1.052	1.550	-55.8	1.873
247957.8	842438.0	136.6	16.567	12.563	37.2	20.791	3.8	16.545	1.417	1.588	48.3	2.129	0.4	-1.029	1.529	-56.1	1.843

247957.1	842437.2	136.5	16.371	12.382	37.1	20.526	3.9	16.334	1.401	1.568	48.2	2.103	0.4	-1.009	1.513	-56.3	1.819
247956.4	842436.5	136.4	16.178	12.204	37.0	20.265	4.0	16.126	1.385	1.548	48.2	2.078	0.5	-0.993	1.499	-56.5	1.798
247955.7	842435.8	136.3	15.939	11.984	36.9	19.941	4.1	15.869	1.369	1.529	48.1	2.052	0.5	-0.910	1.410	-57.2	1.679
247955.0	842435.1	136.2	15.696	11.760	36.8	19.613	4.2	15.608	1.353	1.509	48.1	2.027	0.5	-0.820	1.311	-58.0	1.546
247954.3	842434.4	136.1	15.460	11.543	36.7	19.293	4.2	15.353	1.338	1.490	48.1	2.002	0.6	-0.734	1.217	-58.9	1.421
247953.6	842433.7	136.1	15.336	11.430	36.7	19.127	4.3	15.221	1.323	1.472	48.1	1.979	0.6	-0.807	1.300	-58.2	1.531
247952.9	842432.9	136.1	15.238	11.343	36.7	18.996	4.3	15.117	1.308	1.455	48.0	1.957	0.7	-0.916	1.423	-57.2	1.692
247952.2	842432.2	136.1	15.104	11.221	36.6	18.815	4.4	14.973	1.294	1.438	48.0	1.935	0.7	-0.969	1.481	-56.8	1.770
247951.5	842431.5	136.0	14.911	11.045	36.5	18.556	4.5	14.766	1.280	1.421	48.0	1.912	0.7	-0.934	1.440	-57.0	1.716
247950.8	842430.8	135.9	14.721	10.872	36.4	18.301	4.5	14.563	1.266	1.404	48.0	1.890	0.7	-0.899	1.398	-57.3	1.662
247950.2	842430.1	135.8	14.485	10.657	36.3	17.983	4.6	14.310	1.252	1.387	47.9	1.868	0.8	-0.789	1.272	-58.2	1.497
247949.5	842429.3	135.6	14.233	10.427	36.2	17.644	4.7	14.040	1.238	1.370	47.9	1.846	0.8	-0.649	1.113	-59.7	1.288
247948.8	842428.6	135.6	14.048	10.260	36.1	17.396	4.8	13.843	1.225	1.354	47.9	1.826	0.8	-0.604	1.058	-60.3	1.218
247948.1	842427.9	135.5	13.935	10.160	36.1	17.246	4.8	13.724	1.212	1.340	47.9	1.807	0.8	-0.665	1.120	-59.3	1.302
247947.4	842427.2	135.5	13.824	10.060	36.0	17.097	4.9	13.605	1.200	1.326	47.8	1.789	0.8	-0.721	1.178	-58.5	1.381
247946.7	842426.5	135.5	13.672	9.924	36.0	16.894	4.9	13.444	1.188	1.312	47.8	1.770	0.8	-0.712	1.161	-58.5	1.362
247946.0	842425.8	135.4	13.522	9.790	35.9	16.694	5.0	13.285	1.177	1.298	47.8	1.752	0.8	-0.701	1.142	-58.5	1.340
247945.3	842425.0	135.4	13.361	9.645	35.8	16.478	5.1	13.113	1.165	1.285	47.8	1.734	0.8	-0.666	1.096	-58.7	1.283
247944.6	842424.3	135.2	13.167	9.471	35.7	16.219	5.1	12.907	1.154	1.271	47.8	1.717	0.8	-0.573	0.987	-59.8	1.141
247943.9	842423.6	135.2	13.051	9.368	35.7	16.065	5.2	12.784	1.143	1.259	47.7	1.701	0.8	-0.599	1.007	-59.3	1.172
247943.2	842422.9	135.2	12.957	9.285	35.6	15.940	5.2	12.685	1.133	1.247	47.7	1.685	0.8	-0.653	1.060	-58.4	1.245
247942.5	842422.2	135.1	12.762	9.111	35.5	15.681	5.3	12.478	1.123	1.234	47.7	1.669	0.8	-0.541	0.928	-59.8	1.074
247941.8	842421.4	135.1	12.669	9.029	35.5	15.557	5.3	12.380	1.113	1.223	47.7	1.654	0.8	-0.586	0.970	-58.9	1.134
247941.1	842420.7	135.0	12.524	8.900	35.4	15.364	5.4	12.226	1.104	1.212	47.7	1.639	0.8	-0.543	0.914	-59.3	1.063
247940.4	842420.0	134.9	12.376	8.769	35.3	15.167	5.4	12.070	1.094	1.201	47.7	1.624	0.8	-0.488	0.846	-60.0	0.977
247939.7	842419.3	134.9	12.246	8.654	35.2	14.995	5.5	11.933	1.085	1.190	47.6	1.611	0.8	-0.458	0.804	-60.3	0.925
247939.0	842418.6	134.9	12.154	8.574	35.2	14.874	5.5	11.836	1.077	1.180	47.6	1.598	0.8	-0.486	0.826	-59.5	0.958
247938.3	842417.9	135.0	12.155	8.576	35.2	14.876	5.5	11.838	1.069	1.172	47.6	1.586	0.8	-0.664	1.013	-56.8	1.211
247937.6	842417.1	135.0	12.066	8.498	35.2	14.758	5.5	11.744	1.062	1.162	47.6	1.574	0.8	-0.686	1.029	-56.3	1.237
247936.9	842416.4	135.0	11.972	8.415	35.1	14.633	5.6	11.645	1.054	1.153	47.6	1.562	0.8	-0.695	1.030	-56.0	1.242
247936.2	842415.7	135.0	11.861	8.317	35.0	14.487	5.6	11.528	1.046	1.144	47.6	1.550	0.8	-0.672	0.996	-56.0	1.202
247935.5	842415.0	134.9	11.753	8.222	35.0	14.343	5.7	11.414	1.039	1.136	47.6	1.539	0.8	-0.648	0.960	-56.0	1.158
247934.8	842414.3	135.0	11.675	8.154	34.9	14.241	5.7	11.333	1.032	1.127	47.5	1.528	0.7	-0.672	0.977	-55.5	1.186
247934.1	842413.5	135.0	11.616	8.102	34.9	14.163	5.7	11.270	1.025	1.120	47.5	1.518	0.7	-0.722	1.023	-54.8	1.253
247933.4	842412.8	135.0	11.560	8.053	34.9	14.088	5.8	11.211	1.018	1.112	47.5	1.508	0.7	-0.773	1.070	-54.1	1.320
247932.8	842412.1	135.1	11.504	8.004	34.8	14.014	5.8	11.152	1.012	1.104	47.5	1.498	0.7	-0.821	1.114	-53.6	1.384
247932.1	842411.4	135.0	11.391	7.904	34.8	13.865	5.8	11.033	1.005	1.096	47.5	1.487	0.7	-0.767	1.045	-53.7	1.296
247931.4	842410.7	134.8	11.204	7.740	34.6	13.617	5.9	10.836	0.998	1.088	47.5	1.476	0.6	-0.578	0.830	-55.1	1.012
247930.7	842410.0	134.7	11.071	7.623	34.6	13.441	6.0	10.696	0.991	1.080	47.5	1.466	0.6	-0.477	0.711	-56.2	0.856
247930.0	842409.2	134.5	10.892	7.467	34.4	13.206	6.0	10.509	0.984	1.072	47.4	1.455	0.6	-0.287	0.496	-59.9	0.573
247929.3	842408.5	134.5	10.812	7.397	34.4	13.100	6.1	10.425	0.978	1.065	47.4	1.446	0.6	-0.270	0.470	-60.1	0.542
247928.6	842407.8	134.5	10.734	7.329	34.3	12.997	6.1	10.343	0.972	1.057	47.4	1.437	0.5	-0.252	0.443	-60.4	0.510
247927.9	842407.1	134.6	10.733	7.327	34.3	12.995	6.1	10.341	0.967	1.051	47.4	1.428	0.5	-0.371	0.566	-56.8	0.677
247927.2	842406.4	134.8	10.751	7.342	34.3	13.019	6.2	10.360	0.961	1.044	47.4	1.419	0.5	-0.521	0.723	-54.2	0.891
247926.5	842405.6	134.8	10.718	7.313	34.3	12.975	6.2	10.325	0.956	1.038	47.3	1.411	0.5	-0.574	0.775	-53.5	0.964
247925.8	842404.9	134.9	10.687	7.285	34.3	12.934	6.2	10.292	0.951	1.031	47.3	1.402	0.4	-0.625	0.825	-52.8	1.035
247925.1	842404.2	134.9	10.648	7.251	34.3	12.883	6.3	10.252	0.945	1.025	47.3	1.394	0.4	-0.660	0.857	-52.4	1.082
247924.4	842403.5	135.0	10.625	7.230	34.2	12.852	6.3	10.227	0.940	1.018	47.3	1.386	0.4	-0.717	0.915	-51.9	1.163
247923.7	842402.8	135.1	10.610	7.216	34.2	12.831	6.3	10.210	0.936	1.012	47.3	1.379	0.4	-0.784	0.982	-51.4	1.256
247923.0	842402.1	135.1	10.561	7.173	34.2	12.767	6.4	10.160	0.931	1.006	47.2	1.371	0.4	-0.786	0.981	-51.3	1.257
247922.3	842401.3	135.1	10.508	7.125	34.1	12.696	6.4	10.103	0.926	1.001	47.2	1.364	0.4	-0.774	0.963	-51.2	1.235
247921.6	842400.6	135.1	10.457	7.080	34.1	12.628	6.4	10.049	0.922	0.995	47.2	1.357	0.3	-0.761	0.945	-51.2	1.213
247920.9	842399.9	135.1	10.421	7.048	34.1	12.581	6.5	10.012	0.918	0.990	47.2	1.351	0.3	-0.771	0.953	-51.0	1.226
247920.2	842399.2	135.1	10.401	7.030	34.1	12.554	6.5	9.990	0.915	0.986	47.1	1.345	0.3	-0.803	0.984	-50.8	1.270
247919.5	842398.5	135.1	10.339	6.975	34.0	12.471	6.5	9.925	0.912	0.982	47.1	1.340	0.3	-0.752	0.926	-50.9	1.193
247918.8	842397.7	135.1	10.298	6.939	34.0	12.418	6.6	9.882	0.909	0.978	47.1	1.335	0.3	-0.735	0.904	-50.9	1.165
247918.1	842397.0	135.1	10.261	6.906	33.9	12.369	6.6	9.843	0.906	0.975	47.1	1.331	0.3	-0.717	0.883	-50.9	1.138
247917.4	842396.3	135.2	10.271	6.914	33.9	12.381	6.6	9.853	0.905	0.973	47.1	1.328	0.3	-0.781	0.949	-50.6	1.229
247916.7	842395.6	135.2	10.248	6.894	33.9	12.351	6.6	9.829	0.903	0.971	47.1	1.326	0.3	-0.777	0.943	-50.5	1.222
247916.0	842394.9	135.2	10.229	6.877	33.9	12.326	6.7	9.809	0.902	0.969	47.1	1.324	0.3	-0.773	0.936	-50.4	1.214
247915.4	842394.2	135.2	10.214	6.863	33.9	12.305	6.7	9.792	0.901	0.969	47.1	1.323	0.3	-0.769	0.929	-50.4	1.207
247914.7	842393.4	135.2	10.203	6.853	33.9	12.291	6.7	9.781	0.901	0.969	47.1	1.323	0.2	-0.767	0.924	-50.3	1.201

Max EF along centerline is 2.872 (kV/m) at 209.000 (m) from structure [redacted]-8

Cross section results at max EF along centerline between structures [redacted]-8 and [redacted]-9





3D EMF Point Results Span from [redacted]-8 to [redacted]-9:

Measurement			B					H	EF					Space Potential				
X (m)	Y (m)	Z (m)	Real (uT)	Imaginary (uT)	Angle (deg)	Magnitude (uT)	Polarization Axial Ratio %	Magnitude (A/m)	Real (kV/m)	Imaginary (kV/m)	Angle (deg)	Magnitude (kV/m)	Polarization Axial Ratio %	Real (kV)	Imaginary (kV)	Angle (deg)	Magnitude (kV)	
248155.9	842620.5	133.3	26.537	13.832	27.5	29.925	6.8	23.814	0.788	0.250	17.6	0.826	1.5	1.002	-0.271	-15.1	1.038	
248155.2	842621.2	133.4	25.880	13.904	28.2	29.379	6.7	23.379	0.609	0.176	16.1	0.634	4.2	0.838	-0.202	-13.6	0.863	
248154.5	842621.9	133.4	25.352	14.018	28.9	28.969	6.5	23.053	0.450	0.110	13.7	0.463	9.7	0.688	-0.129	-10.6	0.700	
248153.8	842622.6	133.5	24.952	14.181	29.6	28.700	6.3	22.839	0.308	0.081	14.7	0.318	23.9	0.549	-0.050	-5.2	0.551	
248153.1	842623.3	133.5	24.678	14.399	30.3	28.572	6.0	22.737	0.188	0.127	34.0	0.226	67.1	0.417	0.034	4.6	0.418	
248152.4	842624.0	133.5	24.500	14.654	30.9	28.548	5.7	22.718	0.121	0.207	59.7	0.239	48.7	0.289	0.118	22.2	0.312	
248151.6	842624.7	133.5	24.438	14.972	31.5	28.660	5.3	22.807	0.175	0.302	59.9	0.349	17.2	0.174	0.201	49.1	0.266	
248150.9	842625.4	133.6	24.495	15.363	32.1	28.914	4.8	23.009	0.291	0.411	54.7	0.504	6.9	0.069	0.285	76.5	0.294	
248150.2	842626.1	133.6	24.667	15.831	32.7	29.310	4.4	23.324	0.427	0.535	51.4	0.684	3.0	-0.031	0.373	-85.3	0.375	

248149.5	842626.8	133.6	24.998	16.424	33.3	29.911	3.9	23.802	0.577	0.676	49.5	0.889	1.4	-0.156	0.500	-72.7	0.524
248148.8	842627.5	133.7	25.448	17.118	33.9	30.669	3.4	24.406	0.741	0.838	48.5	1.119	0.6	-0.301	0.655	-65.3	0.721
248148.0	842628.2	133.7	26.008	17.915	34.6	31.581	2.9	25.132	0.921	1.025	48.1	1.378	0.4	-0.470	0.840	-60.8	0.963
248147.3	842628.9	133.8	26.676	18.822	35.2	32.648	2.4	25.980	1.120	1.240	47.9	1.671	0.6	-0.667	1.064	-57.9	1.256
248146.6	842629.6	133.8	27.445	19.844	35.9	33.867	1.7	26.951	1.339	1.486	48.0	2.001	0.8	-0.898	1.334	-56.0	1.608
248145.9	842630.3	133.9	28.307	20.981	36.5	35.235	1.0	28.039	1.581	1.768	48.2	2.372	1.0	-1.169	1.657	-54.8	2.028
248145.2	842631.0	133.9	29.201	22.182	37.2	36.671	0.2	29.182	1.844	2.087	48.5	2.785	1.1	-1.438	1.989	-54.1	2.454
248144.5	842631.7	133.9	30.040	23.367	37.9	38.058	0.8	30.286	2.127	2.439	48.9	3.236	1.1	-1.642	2.260	-54.0	2.793
248143.7	842632.4	133.9	30.875	24.583	38.5	39.466	1.9	31.406	2.426	2.821	49.3	3.721	1.1	-1.851	2.543	-54.0	3.145
248143.0	842633.1	133.9	31.736	25.865	39.2	40.941	3.1	32.580	2.736	3.223	49.7	4.227	1.1	-2.124	2.907	-53.8	3.601
248142.3	842633.8	134.0	32.597	27.187	39.8	42.446	4.4	33.778	3.045	3.627	50.0	4.736	1.1	-2.478	3.367	-53.7	4.181
248141.6	842634.5	134.0	33.338	28.420	40.4	43.808	5.8	34.861	3.339	4.009	50.2	5.217	1.1	-2.839	3.834	-53.5	4.770
248140.9	842635.1	134.0	33.892	29.484	41.0	44.922	7.4	35.748	3.600	4.336	50.3	5.636	1.1	-3.190	4.275	-53.3	5.334
248140.2	842635.8	134.1	34.195	30.294	41.5	45.684	9.1	36.354	3.810	4.576	50.2	5.955	1.3	-3.512	4.655	-53.0	5.831
248139.4	842636.5	134.1	34.189	30.769	42.0	45.996	10.8	36.602	3.951	4.699	49.9	6.139	1.5	-3.781	4.934	-52.5	6.216
248138.7	842637.2	134.1	33.842	30.849	42.4	45.793	12.7	36.441	4.011	4.684	49.4	6.167	1.9	-3.979	5.080	-51.9	6.453
248138.0	842637.9	134.2	33.151	30.511	42.6	45.055	14.7	35.853	3.986	4.528	48.6	6.033	2.3	-4.093	5.076	-51.1	6.521
248137.3	842638.6	134.2	32.149	29.770	42.8	43.815	16.7	34.867	3.881	4.246	47.6	5.752	2.9	-4.121	4.921	-50.1	6.418
248136.6	842639.3	134.3	30.892	28.679	42.9	42.152	18.7	33.544	3.709	3.864	46.2	5.356	3.7	-4.066	4.633	-48.7	6.164
248135.8	842640.0	134.3	29.458	27.323	42.8	40.179	20.7	31.974	3.486	3.419	44.4	4.883	4.5	-3.946	4.248	-47.1	5.798
248135.1	842640.7	134.3	27.877	25.732	42.7	37.938	22.7	30.190	3.230	2.945	42.4	4.371	5.3	-3.726	3.754	-45.2	5.289
248134.4	842641.4	134.3	26.258	24.045	42.5	35.604	24.6	28.333	2.958	2.475	39.9	3.857	6.2	-3.471	3.238	-43.0	4.747

Centerline results between structures [redacted]-9 and [redacted]-10

3D EMF Point Results Centerline from [redacted]-9 to [redacted]-10:

-------Measurement-------			-------------------------B--------------------------					H	------------------------EF-------------------------					----------Space Potential----------			
X	Y	Z	Real	Imaginary	Angle	Magnitude	Polarization	Magnitude	Real	Imaginary	Angle	Magnitude	Polarization	Real	Imaginary	Angle	Magnitude
(m)	(m)	(m)	(uT)	(uT)	(deg)	(uT)	Axial Ratio %	(A/m)	(kV/m)	(kV/m)	(deg)	(kV/m)	Axial Ratio %	(kV)	(kV)	(deg)	(kV)
247913.8	842392.5	135.2	10.195	6.847	33.9	12.281	6.7	9.773	0.902	0.970	47.1	1.325	0.2	-0.766	0.920	-50.2	1.197
247913.1	842391.8	135.2	10.194	6.846	33.9	12.279	6.7	9.772	0.903	0.972	47.1	1.327	0.2	-0.765	0.917	-50.2	1.194
247912.4	842391.1	135.2	10.196	6.848	33.9	12.282	6.7	9.774	0.905	0.974	47.1	1.329	0.2	-0.764	0.914	-50.1	1.191
247911.7	842390.4	135.2	10.202	6.853	33.9	12.290	6.7	9.780	0.907	0.977	47.1	1.333	0.2	-0.762	0.910	-50.1	1.187
247911.0	842389.7	135.2	10.212	6.862	33.9	12.303	6.7	9.791	0.909	0.981	47.2	1.337	0.2	-0.761	0.906	-50.0	1.183
247910.3	842388.9	135.3	10.225	6.874	33.9	12.321	6.7	9.805	0.912	0.985	47.2	1.343	0.2	-0.758	0.902	-49.9	1.179
247909.6	842388.2	135.3	10.238	6.886	33.9	12.338	6.7	9.818	0.916	0.990	47.2	1.348	0.2	-0.749	0.891	-49.9	1.164
247908.9	842387.5	135.2	10.246	6.893	33.9	12.349	6.7	9.827	0.920	0.995	47.2	1.355	0.2	-0.724	0.861	-50.0	1.125
247908.2	842386.8	135.3	10.272	6.917	34.0	12.384	6.6	9.855	0.924	1.001	47.3	1.362	0.2	-0.726	0.862	-49.9	1.127
247907.5	842386.1	135.3	10.302	6.944	34.0	12.424	6.6	9.887	0.928	1.007	47.3	1.370	0.2	-0.729	0.864	-49.9	1.130
247906.8	842385.3	135.4	10.361	6.995	34.0	12.502	6.6	9.948	0.934	1.014	47.4	1.378	0.2	-0.777	0.915	-49.7	1.201
247906.1	842384.6	135.4	10.435	7.060	34.1	12.599	6.5	10.026	0.939	1.021	47.4	1.388	0.1	-0.846	0.990	-49.5	1.302
247905.4	842383.9	135.5	10.485	7.104	34.1	12.665	6.5	10.079	0.945	1.029	47.4	1.397	0.1	-0.866	1.011	-49.4	1.331
247904.7	842383.2	135.5	10.510	7.127	34.1	12.698	6.5	10.105	0.950	1.037	47.5	1.406	0.1	-0.834	0.977	-49.5	1.284
247904.0	842382.5	135.5	10.537	7.151	34.2	12.734	6.5	10.134	0.956	1.044	47.5	1.416	0.1	-0.800	0.941	-49.6	1.236
247903.3	842381.8	135.5	10.576	7.185	34.2	12.786	6.4	10.174	0.962	1.052	47.6	1.426	0.1	-0.783	0.923	-49.7	1.210
247902.6	842381.0	135.6	10.666	7.265	34.3	12.905	6.4	10.269	0.969	1.061	47.6	1.437	0.1	-0.851	1.000	-49.6	1.313
247901.9	842380.3	135.7	10.767	7.353	34.3	13.038	6.3	10.376	0.976	1.070	47.6	1.449	0.0	-0.931	1.091	-49.5	1.434
247901.2	842379.6	135.8	10.892	7.462	34.4	13.202	6.3	10.506	0.984	1.080	47.7	1.461	0.0	-1.045	1.219	-49.4	1.605
247900.5	842378.9	135.9	10.993	7.551	34.5	13.336	6.2	10.613	0.991	1.089	47.7	1.473	0.1	-1.112	1.297	-49.4	1.709
247899.8	842378.2	135.9	11.062	7.611	34.5	13.428	6.2	10.685	0.999	1.098	47.7	1.485	0.1	-1.119	1.309	-49.5	1.722
247899.2	842377.4	136.0	11.133	7.674	34.6	13.522	6.2	10.760	1.006	1.108	47.7	1.497	0.1	-1.123	1.319	-49.6	1.733
247898.5	842376.7	135.9	11.167	7.704	34.6	13.567	6.2	10.796	1.014	1.117	47.8	1.508	0.2	-1.060	1.256	-49.8	1.643
247897.8	842376.0	135.9	11.216	7.747	34.6	13.631	6.1	10.847	1.021	1.126	47.8	1.520	0.2	-1.016	1.214	-50.1	1.583
247897.1	842375.3	135.8	11.229	7.758	34.6	13.648	6.1	10.861	1.029	1.135	47.8	1.532	0.3	-0.906	1.100	-50.5	1.425
247896.4	842374.6	135.7	11.230	7.759	34.6	13.650	6.1	10.862	1.036	1.144	47.8	1.543	0.4	-0.771	0.959	-51.2	1.231
247895.7	842373.9	135.8	11.303	7.822	34.7	13.746	6.1	10.938	1.045	1.154	47.8	1.557	0.4	-0.751	0.945	-51.5	1.208
247895.0	842373.1	135.8	11.366	7.877	34.7	13.829	6.0	11.005	1.053	1.164	47.9	1.570	0.5	-0.710	0.908	-52.0	1.152
247894.3	842372.4	135.8	11.430	7.933	34.8	13.914	6.0	11.072	1.062	1.175	47.9	1.584	0.5	-0.664	0.867	-52.5	1.092
247893.6	842371.7	135.8	11.496	7.990	34.8	14.000	6.0	11.141	1.072	1.186	47.9	1.599	0.6	-0.615	0.821	-53.2	1.026
247892.9	842371.0	135.8	11.563	8.048	34.8	14.088	6.0	11.211	1.082	1.198	47.9	1.614	0.6	-0.562	0.771	-53.9	0.954
247892.2	842370.3	135.8	11.631	8.107	34.9	14.177	5.9	11.282	1.092	1.210	47.9	1.630	0.6	-0.504	0.716	-54.9	0.875
247891.5	842369.5	135.8	11.700	8.167	34.9	14.268	5.9	11.354	1.102	1.222	48.0	1.646	0.7	-0.441	0.655	-56.0	0.790
247890.8	842368.8	135.8	11.770	8.227	35.0	14.360	5.9	11.427	1.113	1.236	48.0	1.663	0.7	-0.374	0.589	-57.6	0.698
247890.1	842368.1	135.8	11.842	8.290	35.0	14.455	5.8	11.503	1.125	1.249	48.0	1.681	0.7	-0.305	0.520	-59.6	0.603
247889.4	842367.4	135.9	11.948	8.383	35.1	14.596	5.8	11.615	1.137	1.264	48.0	1.700	0.7	-0.285	0.506	-60.6	0.581
247888.7	842366.7	135.9	12.034	8.457	35.1	14.709	5.8	11.705	1.149	1.279	48.1	1.720	0.8	-0.226	0.447	-63.2	0.501
247888.0	842366.0	136.0	12.189	8.593	35.2	14.914	5.7	11.868	1.163	1.295	48.1	1.741	0.7	-0.273	0.506	-61.6	0.575
247887.3	842365.2	136.1	12.340	8.726	35.3	15.114	5.7	12.027	1.176	1.312	48.1	1.762	0.7	-0.307	0.549	-60.8	0.629
247886.6	842364.5	136.2	12.492	8.860	35.3	15.315	5.6	12.188	1.190	1.329	48.2	1.784	0.7	-0.336	0.587	-60.2	0.677
247885.9	842363.8	136.3	12.644	8.993	35.4	15.515	5.6	12.347	1.204	1.347	48.2	1.807	0.7	-0.357	0.615	-59.9	0.711
247885.2	842363.1	136.4	12.797	9.128	35.5	15.719	5.5	12.509	1.218	1.365	48.2	1.829	0.7	-0.376	0.641	-59.6	0.743
247884.5	842362.4	136.7	13.042	9.346	35.6	16.045	5.4	12.768	1.233	1.384	48.3	1.853	0.6	-0.532	0.819	-57.0	0.977
247883.8	842361.7	136.9	13.318	9.592	35.8	16.413	5.3	13.061	1.249	1.403	48.3	1.878	0.6	-0.727	1.040	-55.1	1.269
247883.1	842360.9	137.2	13.608	9.852	35.9	16.801	5.2	13.369	1.264	1.423	48.4	1.904	0.5	-0.933	1.275	-53.8	1.580
247882.4	842360.2	137.4	13.920	10.132	36.1	17.217	5.1	13.701	1.281	1.444	48.4	1.930	0.4	-1.160	1.532	-52.9	1.922
247881.8	842359.5	137.7	14.194	10.379	36.2	17.584	5.0	13.993	1.297	1.464	48.5	1.955	0.4	-1.322	1.718	-52.4	2.168
247881.1	842358.8	137.9	14.449	10.610	36.3	17.926	4.9	14.265	1.312	1.484	48.5	1.981	0.4	-1.450	1.864	-52.1	2.362
247880.4	842358.1	138.0	14.693	10.831	36.4	18.254	4.8	14.526	1.328	1.504	48.5	2.006	0.4	-1.555	1.986	-51.9	2.523
247879.7	842357.3	138.1	14.897	11.015	36.5	18.527	4.7	14.744	1.344	1.523	48.6	2.031	0.4	-1.599	2.038	-51.9	2.590
247879.0	842356.6	138.2	15.070	11.171	36.5	18.758	4.6	14.928	1.359	1.543	48.6	2.056	0.4	-1.595	2.035	-51.9	2.585
247878.3	842355.9	138.3	15.237	11.322	36.6	18.982	4.5	15.106	1.374	1.562	48.7	2.080	0.4	-1.579	2.019	-52.0	2.563
247877.6	842355.2	138.2	15.244	11.325	36.6	18.991	4.5	15.112	1.387	1.579	48.7	2.102	0.4	-1.342	1.753	-52.5	2.208

247876.9	842354.5	138.2	15.315	11.388	36.6	19.085	4.5	15.187	1.402	1.597	48.7	2.125	0.4	-1.189	1.579	-53.0	1.977
247876.2	842353.8	138.2	15.476	11.533	36.7	19.301	4.4	15.359	1.417	1.617	48.8	2.150	0.4	-1.157	1.542	-53.1	1.928
247875.5	842353.0	138.4	15.785	11.816	36.8	19.718	4.3	15.691	1.434	1.638	48.8	2.177	0.4	-1.324	1.729	-52.6	2.178
247874.8	842352.3	138.7	16.150	12.152	37.0	20.211	4.2	16.084	1.451	1.661	48.8	2.206	0.3	-1.557	1.992	-52.0	2.528
247874.1	842351.6	138.9	16.446	12.424	37.1	20.612	4.0	16.402	1.468	1.683	48.9	2.233	0.3	-1.692	2.143	-51.7	2.730
247873.4	842350.9	139.0	16.670	12.630	37.1	20.915	3.9	16.643	1.484	1.703	48.9	2.259	0.3	-1.729	2.182	-51.6	2.784
247872.7	842350.2	139.1	16.907	12.848	37.2	21.234	3.8	16.898	1.501	1.724	49.0	2.286	0.3	-1.778	2.236	-51.5	2.857
247872.0	842349.4	139.2	17.158	13.081	37.3	21.576	3.7	17.169	1.517	1.745	49.0	2.312	0.3	-1.845	2.309	-51.4	2.956
247871.3	842348.7	139.3	17.409	13.312	37.4	21.915	3.6	17.440	1.533	1.765	49.0	2.338	0.4	-1.907	2.377	-51.3	3.048
247870.6	842348.0	139.4	17.597	13.486	37.5	22.171	3.5	17.643	1.548	1.785	49.1	2.363	0.4	-1.891	2.355	-51.2	3.020
247869.9	842347.3	139.4	17.753	13.629	37.5	22.381	3.5	17.810	1.563	1.803	49.1	2.386	0.3	-1.833	2.287	-51.3	2.931
247869.2	842346.6	139.5	17.937	13.799	37.6	22.631	3.4	18.009	1.577	1.822	49.1	2.410	0.3	-1.811	2.259	-51.3	2.895
247868.5	842345.9	139.5	18.094	13.943	37.6	22.843	3.3	18.178	1.592	1.840	49.1	2.433	0.3	-1.756	2.193	-51.3	2.809
247867.8	842345.1	139.5	18.251	14.089	37.7	23.057	3.3	18.348	1.606	1.857	49.2	2.455	0.3	-1.703	2.130	-51.4	2.727
247867.1	842344.4	139.6	18.500	14.321	37.7	23.395	3.2	18.617	1.620	1.875	49.2	2.478	0.3	-1.763	2.197	-51.3	2.816
247866.4	842343.7	139.7	18.774	14.577	37.8	23.769	3.0	18.914	1.634	1.893	49.2	2.501	0.3	-1.852	2.298	-51.1	2.952
247865.7	842343.0	139.8	18.930	14.721	37.9	23.981	3.0	19.083	1.647	1.909	49.2	2.521	0.3	-1.802	2.240	-51.2	2.875
247865.0	842342.3	139.7	19.009	14.792	37.9	24.086	2.9	19.167	1.659	1.923	49.2	2.540	0.3	-1.662	2.079	-51.4	2.662
247864.4	842341.5	139.8	19.171	14.942	37.9	24.306	2.9	19.342	1.671	1.938	49.2	2.559	0.2	-1.624	2.036	-51.4	2.604
247863.7	842340.8	139.8	19.355	15.113	38.0	24.557	2.8	19.542	1.683	1.952	49.2	2.578	0.2	-1.616	2.028	-51.4	2.593
247863.0	842340.1	139.9	19.548	15.293	38.0	24.819	2.7	19.750	1.695	1.966	49.2	2.596	0.2	-1.620	2.034	-51.5	2.601
247862.3	842339.4	139.9	19.744	15.476	38.1	25.086	2.6	19.963	1.706	1.979	49.2	2.613	0.2	-1.633	2.051	-51.5	2.621
247861.6	842338.7	140.0	19.943	15.663	38.1	25.359	2.5	20.180	1.717	1.992	49.2	2.630	0.2	-1.652	2.076	-51.5	2.653
247860.9	842338.0	140.0	20.149	15.855	38.2	25.639	2.4	20.403	1.728	2.004	49.2	2.646	0.3	-1.682	2.114	-51.5	2.701
247860.2	842337.2	140.1	20.359	16.053	38.3	25.926	2.3	20.632	1.738	2.015	49.2	2.661	0.3	-1.721	2.163	-51.5	2.764
247859.5	842336.5	140.1	20.563	16.244	38.3	26.205	2.2	20.854	1.747	2.026	49.2	2.675	0.3	-1.757	2.210	-51.5	2.823
247858.8	842335.8	140.1	20.678	16.350	38.3	26.361	2.2	20.977	1.756	2.035	49.2	2.687	0.3	-1.696	2.144	-51.7	2.734
247858.1	842335.1	140.1	20.756	16.420	38.3	26.466	2.2	21.061	1.763	2.043	49.2	2.699	0.3	-1.599	2.038	-51.9	2.591
247857.4	842334.4	140.1	20.834	16.490	38.4	26.570	2.1	21.144	1.771	2.050	49.2	2.709	0.3	-1.507	1.939	-52.1	2.455
247856.7	842333.6	140.0	20.911	16.560	38.4	26.674	2.1	21.226	1.777	2.057	49.2	2.719	0.3	-1.420	1.845	-52.4	2.328
247856.0	842332.9	140.0	21.006	16.647	38.4	26.803	2.1	21.329	1.784	2.064	49.2	2.728	0.3	-1.360	1.784	-52.7	2.243
247855.3	842332.2	140.0	21.150	16.781	38.4	26.998	2.0	21.485	1.790	2.070	49.1	2.736	0.3	-1.360	1.791	-52.8	2.249
247854.6	842331.5	140.0	21.310	16.931	38.5	27.217	1.9	21.659	1.796	2.075	49.1	2.744	0.4	-1.386	1.828	-52.8	2.294
247853.9	842330.8	140.0	21.472	17.081	38.5	27.437	1.8	21.834	1.801	2.080	49.1	2.751	0.4	-1.418	1.873	-52.9	2.349
247853.2	842330.1	140.1	21.633	17.233	38.5	27.658	1.8	22.010	1.806	2.084	49.1	2.757	0.4	-1.455	1.924	-52.9	2.412
247852.5	842329.3	140.0	21.642	17.236	38.5	27.667	1.8	22.017	1.809	2.087	49.1	2.762	0.4	-1.330	1.787	-53.4	2.228
247851.8	842328.6	140.0	21.733	17.319	38.6	27.789	1.7	22.114	1.812	2.089	49.1	2.766	0.5	-1.301	1.762	-53.6	2.191
247851.1	842327.9	140.0	21.855	17.432	38.6	27.956	1.7	22.246	1.815	2.092	49.0	2.770	0.5	-1.314	1.784	-53.6	2.216
247850.4	842327.2	139.9	21.860	17.431	38.6	27.958	1.7	22.249	1.818	2.093	49.0	2.772	0.5	-1.202	1.662	-54.1	2.051
247849.7	842326.5	139.8	21.917	17.481	38.6	28.035	1.7	22.309	1.819	2.094	49.0	2.774	0.6	-1.155	1.614	-54.4	1.985
247849.0	842325.7	139.9	22.061	17.616	38.6	28.232	1.6	22.466	1.822	2.096	49.0	2.777	0.6	-1.208	1.681	-54.3	2.070
247848.3	842325.0	139.9	22.206	17.751	38.6	28.429	1.5	22.623	1.823	2.097	49.0	2.779	0.7	-1.267	1.752	-54.1	2.162
247847.6	842324.3	139.8	22.209	17.748	38.6	28.430	1.5	22.624	1.824	2.097	49.0	2.780	0.7	-1.176	1.651	-54.5	2.027
247847.0	842323.6	139.7	22.204	17.738	38.6	28.419	1.5	22.615	1.825	2.098	49.0	2.780	0.7	-1.080	1.543	-55.0	1.883
247846.3	842322.9	139.7	22.337	17.861	38.6	28.600	1.5	22.759	1.826	2.099	49.0	2.782	0.7	-1.139	1.612	-54.8	1.974
247845.6	842322.2	139.7	22.495	18.009	38.7	28.816	1.4	22.931	1.827	2.101	49.0	2.784	0.8	-1.229	1.715	-54.4	2.110
247844.9	842321.4	139.8	22.654	18.158	38.7	29.033	1.3	23.104	1.828	2.102	49.0	2.786	0.9	-1.321	1.820	-54.0	2.249
247844.2	842320.7	139.8	22.789	18.284	38.7	29.217	1.3	23.250	1.830	2.104	49.0	2.788	0.9	-1.391	1.897	-53.8	2.352
247843.5	842320.0	139.7	22.823	18.311	38.7	29.261	1.2	23.285	1.830	2.105	49.0	2.789	0.9	-1.356	1.854	-53.8	2.297
247842.8	842319.3	139.7	22.845	18.327	38.7	29.288	1.2	23.307	1.830	2.106	49.0	2.790	0.9	-1.311	1.798	-53.9	2.225
247842.1	842318.6	139.6	22.915	18.388	38.7	29.380	1.2	23.380	1.831	2.107	49.0	2.791	0.9	-1.318	1.802	-53.8	2.232
247841.4	842317.8	139.6	23.033	18.498	38.8	29.542	1.2	23.508	1.832	2.109	49.0	2.793	0.9	-1.379	1.867	-53.5	2.321
247840.7	842317.1	139.5	22.974	18.434	38.7	29.455	1.2	23.440	1.832	2.109	49.0	2.793	0.9	-1.255	1.718	-53.9	2.128
247840.0	842316.4	139.5	22.974	18.428	38.7	29.452	1.2	23.437	1.832	2.110	49.0	2.794	0.9	-1.195	1.644	-54.0	2.032
247839.3	842315.7	139.4	23.071	18.516	38.7	29.582	1.2	23.540	1.833	2.112	49.0	2.796	0.9	-1.239	1.687	-53.7	2.093
247838.6	842315.0	139.4	23.166	18.602	38.8	29.710	1.1	23.643	1.833	2.113	49.1	2.798	0.9	-1.282	1.731	-53.5	2.154
247837.9	842314.3	139.4	23.261	18.688	38.8	29.838	1.1	23.745	1.834	2.115	49.1	2.799	0.9	-1.326	1.776	-53.2	2.216
247837.2	842313.5	139.4	23.355	18.774	38.8	29.965	1.0	23.845	1.835	2.116	49.1	2.801	0.9	-1.370	1.821	-53.0	2.279
247836.5	842312.8	139.4	23.448	18.859	38.8	30.091	1.0	23.946	1.836	2.118	49.1	2.803	0.9	-1.414	1.867	-52.9	2.342
247835.8	842312.1	139.4	23.541	18.943	38.8	30.216	0.9	24.045	1.837	2.119	49.1	2.805	0.9	-1.458	1.913	-52.7	2.405
247835.1	842311.4	139.4	23.633	19.026	38.8	30.340	0.9	24.144	1.838	2.120	49.1	2.806	0.9	-1.502	1.960	-52.5	2.469
247834.4	842310.7	139.3	23.679	19.065	38.8	30.400	0.9	24.192	1.839	2.121	49.1	2.807	0.9	-1.499	1.954	-52.5	2.463
247833.7	842310.0	139.3	23.717	19.095	38.8	30.449	0.9	24.230	1.839	2.121	49.1	2.808	0.9	-1.488	1.940	-52.5	2.445
247833.0	842309.2	139.2	23.754	19.124	38.8	30.496	0.9	24.268	1.840	2.122	49.1	2.808	0.9	-1.477	1.926	-52.5	2.427
247832.3	842308.5	139.2	23.790	19.153	38.8	30.541	0.8	24.304	1.841	2.122	49.1	2.809	0.9	-1.464	1.912	-52.6	2.408
247831.6	842307.8	139.1	23.779	19.135	38.8	30.522	0.9	24.288	1.841	2.122	49.1	2.809	0.8	-1.403	1.844	-52.7	2.317
247830.9	842307.1	139.1	23.747	19.096	38.8	30.472	0.9	24.249	1.842	2.122	49.0	2.809	0.8	-1.321	1.751	-53.0	2.193
247830.2	842306.4	139.0	23.764	19.106	38.8	30.492	0.9	24.264	1.842	2.122	49.0	2.810	0.8	-1.289	1.717	-53.1	2.147
247829.6	842305.6	139.0	23.820	19.154	38.8	30.565	0.8	24.323	1.844	2.123	49.0	2.812	0.8	-1.296	1.730	-53.2	2.162
247828.9	842304.9	138.9	23.865	19.191	38.8	30.624	0.8	24.370	1.845	2.123	49.0	2.813	0.8	-1.292	1.730	-53.2	2.159
247828.2	842304.2	138.9	23.857	19.175	38.8	30.608	0.8	24.357	1.846	2.124	49.0	2.814	0.8	-1.232	1.667	-53.5	2.073
247827.5	842303.5	138.8	23.800	19.112	38.8	30.524	0.9	24.290	1.847	2.123	49.0	2.814	0.8	-1.122	1.547	-54.0	1.911
247826.8	842302.8	138.8	23.908	19.211	38.8	30.670	0.8	24.407	1.849	2.125	49.0	2.816	0.8	-1.181	1.622	-53.9	2.007
247826.1	842302.1	138.8	24.024	19.317	38.8	30.827	0.8	24.531	1.851	2.126	49.0	2.819	0.8	-1.247	1.705	-53.8	2.112
247825.4	842301.3	138.8	24.203	19.486	38.8	31.072	0.7	24.727	1.853	2.128	48.9	2.822	0.9	-1.376	1.861	-53.5	2.314
247824.7	842300.6	138.9	24.389	19.661	38.9	31.327	0.6	24.929	1.856	2.131	48.9	2.826	1.0	-1.510	2.022	-53.3	2.523
247824.0	842299.9	138.9	24.501	19.763	38.9	31.479	0.6	25.050	1.859	2.132	48.9	2.829	1.0	-1.568	2.097	-53.2	2.619
247823.3	842299.2	138.9	24.613	19.865	38.9	31.630	0.5	25.170	1.861	2.134	48.9	2.832	1.1	-1.624	2.171	-53.2	2.711
247822.6	842298.5	138.8	24.494	19.740	38.9	31.458	0.6	25.034	1.861	2.133	48.9	2.831	1.0	-1.448	1.980	-53.8	2.453
247821.9	842297.7	138.7	24.515	19.754	38.9	31.483	0.6	25.054	1.863	2.133	48.9	2.832	1.0	-1.412	1.950	-54.1	2.408
247821.2	842297.0	138.7	24.617	19.845	38.9	31.620	0.5	25.162	1.866	2.135	48.9	2.835	1.1	-1.455	2.010	-54.1	2.481
247820.5	842296.3	138.8	24.717	19.936	38.9	31.755	0.5	25.270	1.868	2.137	48.8	2.838	1.1	-1.496	2.067	-54.1	2.552
247819.8	842295.6	138.7	24.711	19.922	38.9	31.741	0.5	25.259	1.870	2.137	48.8	2.839	1.1	-1.429	2.001	-54.5	2.459
247819.1	842294.9	138.6	24.619	19.823	38.8	31.607	0.5	25.152	1.871	2.136	48.8	2.840	1.1	-1.275	1.836	-55.2	2.235
247818.4	842294.2	138.6	24.740	19.934	38.9	31.772	0.5	25.283	1.874	2.139	48.8	2.843	1.2	-1.333	1.913	-55.1	2.331
247817.7	842293.4	138.7	24.908	20.091	38.9	32.001	0.4	25.465	1.877	2.142	48.8	2.848	1.2	-1.435	2.038	-54.9	2.493
247817.0	842292.7	138.7	25.075	20.248	38.9	32.230	0.3	25.648	1.881	2.145	48.8	2.853	1.3	-1.534	2.160	-54.6	2.650

247816.3	842292.0	138.7	25.125	20.288	38.9	32.293	0.3	25.698	1.884	2.147	48.7	2.857	1.3	-1.515	2.146	-54.8	2.627
247815.6	842291.3	138.6	25.107	20.261	38.9	32.263	0.3	25.674	1.887	2.149	48.7	2.860	1.3	-1.427	2.054	-55.2	2.501
247814.9	842290.6	138.6	25.081	20.228	38.9	32.222	0.4	25.641	1.889	2.151	48.7	2.863	1.3	-1.329	1.951	-55.7	2.361
247814.2	842289.8	138.5	25.095	20.233	38.9	32.236	0.4	25.653	1.893	2.153	48.7	2.867	1.3	-1.270	1.889	-56.1	2.276
247813.5	842289.1	138.5	25.045	20.221	38.9	32.189	0.4	25.615	1.885	2.148	48.7	2.858	1.2	-1.148	1.775	-57.1	2.114
247812.8	842288.4	138.4	25.071	20.237	38.9	32.219	0.4	25.639	1.889	2.151	48.7	2.862	1.2	-1.098	1.721	-57.5	2.042
247812.2	842287.7	138.4	25.101	20.257	38.9	32.255	0.3	25.668	1.892	2.154	48.7	2.867	1.2	-1.050	1.671	-57.8	1.973
247811.5	842287.0	138.4	25.120	20.266	38.9	32.276	0.3	25.684	1.896	2.157	48.7	2.872	1.2	-0.991	1.606	-58.3	1.887
247810.8	842286.3	138.4	25.274	20.409	38.9	32.486	0.3	25.851	1.900	2.162	48.7	2.879	1.2	-1.066	1.692	-57.8	2.000
247810.1	842285.5	138.4	25.299	20.424	38.9	32.515	0.3	25.874	1.904	2.165	48.7	2.883	1.2	-1.013	1.631	-58.2	1.920
247809.4	842284.8	138.3	25.316	20.434	38.9	32.533	0.2	25.889	1.916	2.172	48.6	2.896	1.2	-0.973	1.548	-57.8	1.828
247808.7	842284.1	138.3	25.394	20.501	38.9	32.637	0.2	25.972	1.920	2.175	48.6	2.901	1.2	-0.974	1.548	-57.8	1.828
247808.0	842283.4	138.3	25.480	20.577	38.9	32.751	0.2	26.063	1.923	2.178	48.6	2.905	1.1	-0.982	1.556	-57.7	1.840
247807.3	842282.7	138.3	25.563	20.648	38.9	32.860	0.2	26.149	1.926	2.181	48.5	2.909	1.1	-0.988	1.562	-57.7	1.848
247806.6	842281.9	138.4	25.644	20.719	38.9	32.968	0.2	26.235	1.929	2.183	48.5	2.913	1.1	-0.994	1.567	-57.6	1.856
247805.9	842281.2	138.3	25.708	20.772	38.9	33.051	0.2	26.301	1.931	2.185	48.5	2.916	1.1	-0.984	1.554	-57.7	1.840
247805.2	842280.5	138.3	25.720	20.773	38.9	33.061	0.2	26.309	1.933	2.187	48.5	2.919	1.1	-0.924	1.484	-58.1	1.748
247804.5	842279.8	138.3	25.854	20.894	38.9	33.241	0.2	26.453	1.936	2.189	48.5	2.922	1.1	-0.986	1.552	-57.6	1.839
247803.8	842279.1	138.4	25.956	20.985	39.0	33.378	0.2	26.561	1.938	2.191	48.5	2.925	1.1	-1.020	1.587	-57.3	1.886
247803.1	842278.4	138.4	26.058	21.076	39.0	33.514	0.2	26.669	1.940	2.193	48.5	2.928	1.1	-1.054	1.622	-57.0	1.935
247802.4	842277.6	138.3	26.071	21.078	39.0	33.525	0.2	26.679	1.942	2.194	48.5	2.930	1.1	-1.003	1.561	-57.3	1.856
247801.7	842276.9	138.3	26.127	21.123	39.0	33.598	0.2	26.736	1.943	2.195	48.5	2.932	1.1	-0.998	1.552	-57.3	1.845
247801.0	842276.2	138.4	26.214	21.198	39.0	33.713	0.2	26.828	1.945	2.196	48.5	2.934	1.1	-1.024	1.578	-57.0	1.881
247800.3	842275.5	138.4	26.300	21.273	39.0	33.826	0.3	26.918	1.946	2.198	48.5	2.936	1.1	-1.053	1.606	-56.7	1.920
247799.6	842274.8	138.4	26.401	21.362	39.0	33.961	0.3	27.025	1.948	2.199	48.5	2.937	1.1	-1.099	1.653	-56.4	1.986
247798.9	842274.0	138.4	26.571	21.520	39.0	34.193	0.4	27.210	1.949	2.200	48.5	2.939	1.2	-1.216	1.780	-55.7	2.156
247798.2	842273.3	138.5	26.741	21.677	39.0	34.424	0.4	27.394	1.950	2.201	48.5	2.941	1.2	-1.334	1.910	-55.1	2.330
247797.5	842272.6	138.5	26.869	21.793	39.0	34.596	0.5	27.531	1.951	2.202	48.5	2.942	1.3	-1.415	1.997	-54.7	2.448
247796.8	842271.9	138.5	26.879	21.791	39.0	34.602	0.5	27.536	1.951	2.201	48.5	2.941	1.2	-1.386	1.961	-54.7	2.402
247796.1	842271.2	138.5	26.887	21.788	39.0	34.607	0.5	27.539	1.950	2.200	48.4	2.940	1.2	-1.360	1.929	-54.8	2.360
247795.4	842270.5	138.4	26.895	21.784	39.0	34.610	0.5	27.542	1.949	2.198	48.4	2.938	1.2	-1.336	1.900	-54.9	2.323
247794.8	842269.7	138.4	26.929	21.807	39.0	34.651	0.5	27.575	1.948	2.196	48.4	2.936	1.2	-1.343	1.907	-54.8	2.333
247794.1	842269.0	138.5	27.040	21.905	39.0	34.800	0.5	27.693	1.947	2.195	48.4	2.934	1.2	-1.428	2.002	-54.5	2.459
247793.4	842268.3	138.5	27.126	21.978	39.0	34.912	0.6	27.782	1.946	2.192	48.4	2.932	1.3	-1.492	2.074	-54.3	2.555
247792.7	842267.6	138.4	27.053	21.894	39.0	34.803	0.5	27.695	1.944	2.189	48.4	2.927	1.2	-1.408	1.982	-54.6	2.431
247792.0	842266.9	138.3	26.980	21.809	39.0	34.692	0.5	27.607	1.941	2.184	48.4	2.922	1.2	-1.328	1.894	-55.0	2.313
247791.3	842266.2	138.3	26.906	21.723	38.9	34.580	0.4	27.518	1.938	2.180	48.4	2.917	1.2	-1.250	1.809	-55.4	2.199
247790.6	842265.4	138.2	26.835	21.641	38.9	34.474	0.4	27.433	1.935	2.175	48.3	2.911	1.1	-1.179	1.733	-55.8	2.096
247789.9	842264.7	138.2	26.822	21.616	38.9	34.448	0.4	27.413	1.932	2.171	48.3	2.906	1.2	-1.168	1.725	-55.9	2.083
247789.2	842264.0	138.2	26.837	21.618	38.9	34.461	0.4	27.423	1.929	2.167	48.3	2.902	1.2	-1.187	1.750	-55.9	2.114
247788.5	842263.3	138.2	26.850	21.619	38.8	34.472	0.4	27.432	1.926	2.164	48.3	2.897	1.2	-1.207	1.777	-55.8	2.148
247787.8	842262.6	138.1	26.845	21.601	38.8	34.456	0.3	27.419	1.924	2.160	48.3	2.892	1.3	-1.212	1.786	-55.8	2.158
247787.1	842261.8	138.1	26.839	21.583	38.8	34.441	0.3	27.407	1.921	2.156	48.3	2.888	1.3	-1.219	1.797	-55.9	2.172
247786.4	842261.1	138.1	26.853	21.583	38.8	34.452	0.3	27.416	1.918	2.153	48.3	2.883	1.3	-1.246	1.832	-55.8	2.215
247785.7	842260.4	138.1	26.870	21.587	38.8	34.468	0.3	27.428	1.915	2.150	48.3	2.879	1.4	-1.278	1.871	-55.7	2.266
247785.0	842259.7	138.1	26.886	21.590	38.8	34.482	0.3	27.440	1.913	2.147	48.3	2.876	1.4	-1.311	1.910	-55.5	2.317
247784.3	842259.0	138.0	26.892	21.583	38.7	34.482	0.3	27.440	1.910	2.144	48.3	2.872	1.5	-1.336	1.939	-55.4	2.355
247783.6	842258.3	137.8	26.441	21.123	38.6	33.843	0.2	26.931	1.905	2.137	48.3	2.863	1.3	-0.916	1.470	-58.1	1.732
247782.9	842257.5	137.8	26.433	21.102	38.6	33.823	0.2	26.915	1.902	2.134	48.3	2.859	1.3	-0.929	1.485	-58.0	1.751
247782.2	842256.8	137.8	26.523	21.177	38.6	33.940	0.2	27.009	1.900	2.132	48.3	2.856	1.4	-1.039	1.609	-57.1	1.915
247781.5	842256.1	137.8	26.570	21.210	38.6	33.997	0.2	27.054	1.897	2.130	48.3	2.853	1.4	-1.108	1.685	-56.7	2.017
247780.8	842255.4	137.8	26.615	21.242	38.6	34.053	0.2	27.098	1.895	2.128	48.3	2.850	1.5	-1.176	1.760	-56.3	2.116
247780.1	842254.7	137.8	26.582	21.195	38.6	33.998	0.2	27.054	1.892	2.125	48.3	2.846	1.5	-1.166	1.747	-56.3	2.100
247779.4	842253.9	137.7	26.525	21.125	38.5	33.910	0.2	26.985	1.890	2.123	48.3	2.842	1.5	-1.134	1.708	-56.4	2.050
247778.7	842253.2	137.7	26.458	21.045	38.5	33.808	0.2	26.903	1.887	2.120	48.3	2.838	1.5	-1.092	1.656	-56.6	1.983
247778.0	842252.5	137.6	26.269	20.844	38.4	33.534	0.2	26.685	1.883	2.116	48.3	2.833	1.4	-0.927	1.466	-57.7	1.735
247777.4	842251.8	137.5	26.246	20.807	38.4	33.493	0.2	26.653	1.881	2.114	48.3	2.830	1.4	-0.927	1.459	-57.6	1.729
247776.7	842251.1	137.5	26.273	20.820	38.4	33.522	0.2	26.676	1.879	2.113	48.4	2.827	1.5	-0.976	1.506	-57.1	1.794
247776.0	842250.4	137.6	26.369	20.900	38.4	33.647	0.2	26.776	1.878	2.112	48.4	2.826	1.5	-1.091	1.627	-56.2	1.959
247775.3	842249.6	137.5	26.343	20.860	38.4	33.602	0.2	26.739	1.875	2.111	48.4	2.824	1.5	-1.086	1.611	-56.0	1.942
247774.6	842248.9	137.5	26.238	20.742	38.3	33.446	0.3	26.616	1.873	2.109	48.4	2.820	1.5	-1.001	1.505	-56.4	1.807
247773.9	842248.2	137.4	26.158	20.650	38.3	33.327	0.3	26.521	1.871	2.107	48.4	2.818	1.5	-0.941	1.424	-56.5	1.707
247773.2	842247.5	137.4	26.132	20.609	38.3	33.281	0.4	26.484	1.869	2.106	48.4	2.816	1.5	-0.933	1.399	-56.3	1.682
247772.5	842246.8	137.4	26.105	20.568	38.2	33.234	0.4	26.447	1.867	2.105	48.4	2.814	1.5	-0.922	1.371	-56.1	1.652
247771.8	842246.0	137.3	26.077	20.525	38.2	33.186	0.4	26.408	1.865	2.105	48.5	2.812	1.4	-0.909	1.338	-55.8	1.617
247771.1	842245.3	137.4	26.182	20.614	38.2	33.324	0.4	26.518	1.864	2.106	48.5	2.812	1.5	-1.027	1.451	-54.7	1.777
247770.4	842244.6	137.5	26.399	20.812	38.3	33.616	0.3	26.751	1.864	2.109	48.5	2.814	1.6	-1.251	1.683	-53.4	2.097
247769.7	842243.9	137.7	26.834	21.225	38.3	34.213	0.2	27.226	1.866	2.115	48.6	2.820	1.8	-1.682	2.145	-51.9	2.726
247769.0	842243.2	137.7	26.783	21.159	38.3	34.133	0.2	27.162	1.864	2.115	48.6	2.819	1.8	-1.643	2.076	-51.6	2.648
247768.3	842242.5	137.5	26.539	20.903	38.2	33.783	0.3	26.884	1.861	2.112	48.6	2.815	1.6	-1.416	1.792	-51.7	2.284
247767.6	842241.7	137.5	26.393	20.744	38.2	33.570	0.4	26.714	1.858	2.112	48.7	2.813	1.5	-1.281	1.609	-51.5	2.056
247766.9	842241.0	137.4	26.205	20.544	38.1	33.298	0.5	26.498	1.856	2.111	48.7	2.811	1.4	-1.102	1.373	-51.3	1.761
247766.2	842240.3	137.3	26.125	20.450	38.1	33.177	0.5	26.402	1.854	2.113	48.7	2.811	1.3	-1.027	1.254	-50.7	1.621
247765.5	842239.6	137.3	26.134	20.443	38.0	33.180	0.5	26.404	1.853	2.115	48.8	2.812	1.3	-1.037	1.230	-49.9	1.609
247764.8	842238.9	137.4	26.280	20.569	38.1	33.373	0.5	26.557	1.854	2.120	48.8	2.816	1.3	-1.181	1.357	-49.0	1.799
247764.1	842238.1	137.6	26.625	20.891	38.1	33.843	0.3	26.931	1.856	2.126	48.9	2.822	1.4	-1.515	1.701	-48.3	2.278
247763.4	842237.4	137.8	27.055	21.297	38.2	34.431	0.2	27.399	1.859	2.134	48.9	2.830	1.5	-1.924	2.131	-47.9	2.871
247762.7	842236.7	137.9	27.268	21.490	38.2	34.718	0.2	27.628	1.860	2.139	49.0	2.835	1.5	-2.122	2.322	-47.6	3.146
247762.0	842236.0	137.7	26.946	21.157	38.1	34.260	0.2	27.263	1.856	2.137	49.0	2.830	1.2	-1.819	1.937	-46.8	2.657
247761.3	842235.3	137.7	26.878	21.072	38.1	34.153	0.3	27.178	1.854	2.137	49.1	2.829	1.1	-1.752	1.825	-46.2	2.530
247760.6	842234.6	137.6	26.808	20.987	38.1	34.046	0.3	27.093	1.852	2.138	49.1	2.828	1.0	-1.686	1.714	-45.5	2.404
247760.0	842233.8	137.6	26.737	20.901	38.0	33.937	0.4	27.006	1.849	2.138	49.1	2.827	0.9	-1.620	1.605	-44.7	2.280
247759.3	842233.1	137.5	26.620	20.768	38.0	33.763	0.5	26.868	1.846	2.137	49.2	2.824	0.7	-1.510	1.446	-43.8	2.091
247758.6	842232.4	137.7	27.015	21.138	38.0	34.302	0.3	27.297	1.847	2.139	49.2	2.827	0.8	-1.892	1.860	-44.5	2.653
247757.9	842231.7	137.8	27.200	21.301	38.1	34.548	0.2	27.493	1.847	2.140	49.2	2.827	0.8	-2.073	2.043	-44.6	2.910
247757.2	842231.0	137.8	27.206	21.290	38.0	34.546	0.2	27.491	1.844	2.139	49.2	2.824	0.7	-2.087	2.036	-44.3	2.916
247756.5	842230.2	137.8	27.150	21.216	38.0	34.456	0.3	27.419	1.840	2.136	49.3	2.820	0.6	-2.045	1.965	-43.8	2.836

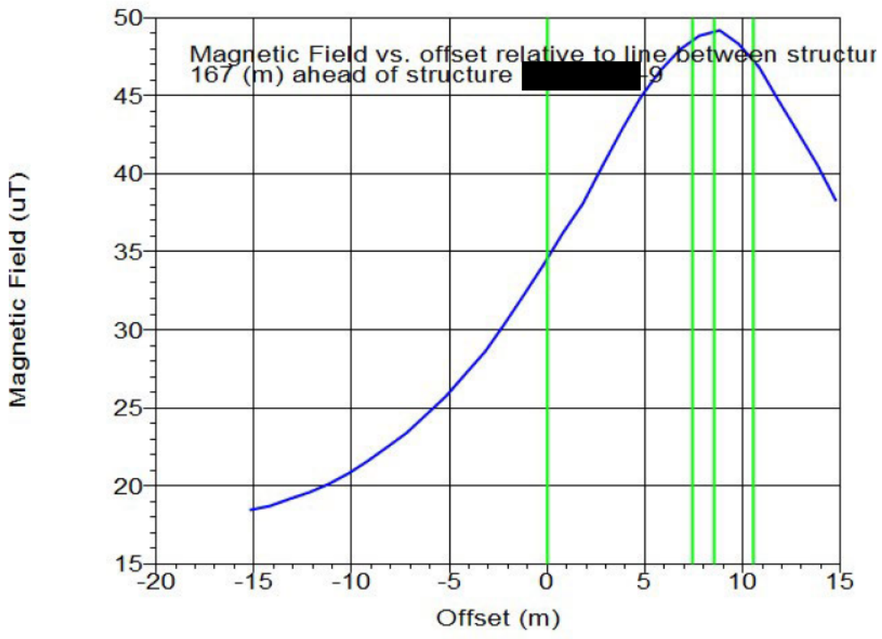
247755.8	842229.5	137.8	27.087	21.137	38.0	34.358	0.3	27.341	1.836	2.134	49.3	2.815	0.5	-2.000	1.892	-43.4	2.754
247755.1	842228.8	137.6	26.643	20.685	37.8	33.730	0.6	26.841	1.829	2.128	49.3	2.806	0.4	-1.595	1.401	-41.3	2.123
247754.4	842228.1	137.6	26.731	20.753	37.8	33.842	0.5	26.931	1.826	2.126	49.3	2.803	0.4	-1.698	1.507	-41.6	2.270
247753.7	842227.4	137.7	26.846	20.847	37.8	33.990	0.5	27.048	1.823	2.124	49.4	2.800	0.4	-1.828	1.647	-42.0	2.461
247753.0	842226.7	137.6	26.786	20.770	37.8	33.895	0.6	26.973	1.819	2.121	49.4	2.794	0.4	-1.796	1.599	-41.7	2.405
247752.3	842225.9	137.6	26.721	20.688	37.7	33.793	0.6	26.892	1.814	2.117	49.4	2.788	0.4	-1.762	1.554	-41.4	2.349
247751.6	842225.2	137.7	26.873	20.818	37.8	33.993	0.6	27.051	1.811	2.113	49.4	2.783	0.4	-1.938	1.759	-42.2	2.617
247750.9	842224.5	137.4	26.335	20.276	37.6	33.236	0.9	26.448	1.801	2.105	49.5	2.770	0.6	-1.462	1.201	-39.4	1.892
247750.2	842223.8	137.5	26.494	20.412	37.6	33.445	0.8	26.615	1.796	2.098	49.4	2.762	0.5	-1.655	1.437	-41.0	2.192
247749.5	842223.1	137.5	26.388	20.291	37.6	33.287	0.9	26.489	1.788	2.089	49.4	2.750	0.6	-1.600	1.385	-40.9	2.116
247748.8	842222.4	137.4	26.193	20.083	37.5	33.006	1.0	26.266	1.779	2.078	49.4	2.736	0.7	-1.463	1.242	-40.3	1.919
247748.1	842221.6	137.4	26.197	20.068	37.5	33.000	1.0	26.261	1.771	2.067	49.4	2.722	0.7	-1.521	1.333	-41.2	2.023
247747.4	842220.9	137.4	26.201	20.053	37.4	32.994	1.0	26.256	1.763	2.055	49.4	2.708	0.7	-1.582	1.434	-42.2	2.135
247746.7	842220.2	137.4	26.204	20.037	37.4	32.987	1.1	26.250	1.755	2.043	49.3	2.693	0.6	-1.645	1.540	-43.1	2.253
247746.0	842219.5	137.5	26.304	20.114	37.4	33.113	1.0	26.350	1.748	2.032	49.3	2.680	0.6	-1.799	1.757	-44.3	2.515
247745.3	842218.8	137.6	26.447	20.232	37.4	33.299	1.0	26.498	1.742	2.022	49.3	2.669	0.5	-1.993	2.022	-45.4	2.839
247744.6	842218.0	137.6	26.444	20.209	37.4	33.282	1.0	26.485	1.735	2.011	49.2	2.656	0.5	-2.048	2.127	-46.1	2.953
247743.9	842217.3	137.4	26.179	19.935	37.3	32.905	1.2	26.185	1.724	1.997	49.2	2.638	0.5	-1.861	1.949	-46.3	2.695
247743.2	842216.6	137.3	25.878	19.628	37.2	32.479	1.4	25.846	1.713	1.983	49.2	2.620	0.6	-1.636	1.728	-46.6	2.380
247742.6	842215.9	137.1	25.538	19.284	37.1	32.001	1.6	25.466	1.703	1.969	49.1	2.603	0.6	-1.370	1.459	-46.8	2.001
247741.9	842215.2	136.9	25.157	18.904	36.9	31.468	1.8	25.041	1.693	1.956	49.1	2.587	0.7	-1.058	1.135	-47.0	1.552
247741.2	842214.5	136.9	25.060	18.793	36.9	31.323	1.9	24.926	1.687	1.948	49.1	2.577	0.7	-1.011	1.119	-47.9	1.509
247740.5	842213.7	136.8	24.966	18.685	36.8	31.183	2.0	24.815	1.681	1.942	49.1	2.568	0.7	-0.963	1.099	-48.8	1.461
247739.8	842213.0	136.8	24.903	18.607	36.8	31.087	2.0	24.738	1.677	1.937	49.1	2.561	0.8	-0.939	1.104	-49.6	1.450
247739.1	842212.3	136.9	24.973	18.654	36.8	31.171	2.0	24.805	1.674	1.934	49.1	2.558	0.8	-1.036	1.247	-50.3	1.622
247738.4	842211.6	136.9	25.044	18.701	36.7	31.256	2.0	24.873	1.672	1.933	49.1	2.556	0.9	-1.128	1.381	-50.8	1.783
247737.7	842210.9	136.9	25.034	18.672	36.7	31.230	2.1	24.852	1.669	1.932	49.2	2.553	0.9	-1.136	1.414	-51.2	1.814
247737.0	842210.1	137.0	25.119	18.732	36.7	31.334	2.0	24.935	1.668	1.932	49.2	2.553	0.9	-1.228	1.542	-51.5	1.972
247736.3	842209.4	137.0	25.108	18.702	36.7	31.308	2.1	24.914	1.666	1.932	49.2	2.552	1.0	-1.224	1.556	-51.8	1.980
247735.6	842208.7	136.9	24.948	18.533	36.6	31.079	2.2	24.732	1.663	1.931	49.3	2.548	1.0	-1.076	1.399	-52.5	1.765
247734.9	842208.0	137.0	24.975	18.538	36.6	31.103	2.2	24.751	1.663	1.932	49.3	2.549	1.0	-1.096	1.436	-52.7	1.807
247734.2	842207.3	137.0	24.906	18.454	36.5	30.998	2.3	24.667	1.661	1.933	49.3	2.549	0.9	-1.022	1.362	-53.1	1.703
247733.5	842206.6	137.0	24.917	18.444	36.5	31.001	2.3	24.670	1.661	1.935	49.4	2.550	0.9	-1.018	1.366	-53.3	1.704
247732.8	842205.8	137.1	25.009	18.510	36.5	31.114	2.3	24.759	1.662	1.939	49.4	2.553	0.9	-1.085	1.452	-53.2	1.812
247732.1	842205.1	137.1	25.041	18.520	36.5	31.146	2.3	24.785	1.662	1.941	49.4	2.555	0.9	-1.093	1.466	-53.3	1.828
247731.4	842204.4	137.1	25.072	18.528	36.5	31.175	2.3	24.808	1.662	1.944	49.5	2.558	0.9	-1.094	1.473	-53.4	1.835
247730.7	842203.7	137.2	25.091	18.525	36.4	31.188	2.3	24.819	1.662	1.947	49.5	2.560	0.8	-1.082	1.462	-53.5	1.818
247730.0	842203.0	137.2	25.131	18.541	36.4	31.230	2.4	24.852	1.663	1.950	49.6	2.563	0.8	-1.086	1.469	-53.5	1.827
247729.3	842202.2	137.2	25.042	18.438	36.4	31.097	2.4	24.747	1.662	1.952	49.6	2.563	0.8	-0.969	1.333	-54.0	1.648
247728.6	842201.5	137.3	25.113	18.483	36.4	31.182	2.4	24.814	1.662	1.955	49.6	2.566	0.7	-0.999	1.368	-53.9	1.694
247727.9	842200.8	137.3	25.112	18.461	36.3	31.168	2.5	24.802	1.662	1.958	49.7	2.568	0.7	-0.960	1.323	-54.0	1.634
247727.2	842200.1	137.3	25.167	18.491	36.3	31.230	2.5	24.852	1.662	1.961	49.7	2.570	0.6	-0.972	1.337	-54.0	1.653
247726.5	842199.4	137.4	25.235	18.533	36.3	31.309	2.5	24.915	1.662	1.963	49.7	2.573	0.6	-0.996	1.365	-53.9	1.689
247725.8	842198.7	137.5	25.332	18.600	36.3	31.427	2.5	25.009	1.662	1.966	49.8	2.574	0.6	-1.047	1.423	-53.7	1.767
247725.2	842197.9	137.6	25.501	18.735	36.3	31.643	2.4	25.181	1.663	1.969	49.8	2.577	0.6	-1.163	1.561	-53.3	1.947
247724.5	842197.2	137.7	25.681	18.878	36.3	31.873	2.4	25.364	1.662	1.972	49.9	2.579	0.6	-1.291	1.695	-52.7	2.131
247723.8	842196.5	137.9	25.921	19.077	36.4	32.184	2.3	25.611	1.663	1.975	49.9	2.582	0.6	-1.470	1.909	-52.4	2.409
247723.1	842195.8	138.0	26.031	19.156	36.3	32.320	2.3	25.719	1.662	1.975	49.9	2.582	0.6	-1.535	1.987	-52.3	2.511
247722.4	842195.1	138.0	26.095	19.192	36.3	32.392	2.3	25.777	1.660	1.975	50.0	2.580	0.6	-1.562	2.020	-52.3	2.554
247721.7	842194.3	138.1	26.138	19.209	36.3	32.437	2.3	25.813	1.657	1.974	50.0	2.577	0.6	-1.574	2.036	-52.3	2.573
247721.0	842193.6	138.1	26.129	19.177	36.3	32.411	2.3	25.792	1.653	1.971	50.0	2.572	0.6	-1.543	2.001	-52.4	2.527
247720.3	842192.9	138.1	26.120	19.145	36.2	32.384	2.4	25.771	1.648	1.968	50.1	2.567	0.6	-1.515	1.970	-52.4	2.485
247719.6	842192.2	138.2	26.110	19.113	36.2	32.358	2.4	25.750	1.643	1.965	50.1	2.561	0.6	-1.491	1.945	-52.5	2.450
247718.9	842191.5	138.2	26.139	19.116	36.2	32.383	2.5	25.769	1.638	1.961	50.1	2.555	0.7	-1.503	1.964	-52.6	2.473
247718.2	842190.8	138.2	26.136	19.089	36.1	32.365	2.5	25.755	1.632	1.957	50.2	2.548	0.7	-1.493	1.955	-52.6	2.460
247717.5	842190.0	138.3	26.131	19.062	36.1	32.345	2.5	25.739	1.626	1.952	50.2	2.540	0.7	-1.485	1.950	-52.7	2.451
247716.8	842189.3	138.3	26.133	19.039	36.1	32.333	2.6	25.730	1.620	1.947	50.2	2.532	0.7	-1.486	1.956	-52.8	2.456
247716.1	842188.6	138.4	26.153	19.034	36.0	32.346	2.6	25.740	1.613	1.941	50.3	2.524	0.7	-1.507	1.986	-52.8	2.493
247715.4	842187.9	138.4	26.230	19.080	36.0	32.436	2.6	25.812	1.607	1.936	50.3	2.516	0.8	-1.579	2.080	-52.8	2.612
247714.7	842187.2	138.5	26.255	19.079	36.0	32.455	2.6	25.827	1.600	1.930	50.3	2.507	0.8	-1.611	2.125	-52.8	2.666
247714.0	842186.4	138.5	26.163	18.971	35.9	32.318	2.7	25.718	1.590	1.922	50.4	2.494	0.8	-1.548	2.055	-53.0	2.573
247713.3	842185.7	138.5	26.164	18.947	35.9	32.304	2.8	25.707	1.582	1.915	50.4	2.484	0.9	-1.567	2.085	-53.1	2.608
247712.6	842185.0	138.5	26.158	18.918	35.9	32.282	2.8	25.689	1.573	1.908	50.5	2.473	0.9	-1.582	2.111	-53.1	2.638
247711.9	842184.3	138.5	26.081	18.824	35.8	32.164	2.9	25.595	1.563	1.899	50.5	2.460	0.9	-1.542	2.069	-53.3	2.581
247711.2	842183.6	138.5	26.003	18.730	35.8	32.046	3.0	25.502	1.553	1.891	50.6	2.446	0.9	-1.505	2.031	-53.5	2.528
247710.5	842182.9	138.5	25.912	18.624	35.7	31.911	3.1	25.394	1.542	1.882	50.7	2.433	0.9	-1.459	1.984	-53.7	2.462
247709.8	842182.1	138.5	25.820	18.518	35.6	31.774	3.2	25.285	1.531	1.873	50.7	2.419	1.0	-1.415	1.938	-53.9	2.400
247709.1	842181.4	138.6	25.980	18.636	35.7	31.973	3.2	25.443	1.525	1.868	50.8	2.411	1.1	-1.576	2.144	-53.7	2.661
247708.4	842180.7	138.7	26.013	18.642	35.6	32.003	3.2	25.467	1.516	1.861	50.8	2.401	1.1	-1.635	2.226	-53.7	2.762
247707.8	842180.0	138.7	25.852	18.474	35.5	31.774	3.3	25.285	1.504	1.851	50.9	2.385	1.1	-1.542	2.118	-54.0	2.620
247707.1	842179.3	138.6	25.726	18.338	35.5	31.593	3.5	25.141	1.492	1.842	51.0	2.370	1.1	-1.477	2.048	-54.2	2.525
247706.4	842178.6	138.7	25.743	18.329	35.5	31.602	3.5	25.148	1.483	1.835	51.1	2.359	1.2	-1.527	2.119	-54.2	2.612
247705.7	842177.8	138.7	25.673	18.243	35.4	31.494	3.6	25.062	1.472	1.826	51.1	2.346	1.2	-1.509	2.106	-54.4	2.591
247705.0	842177.1	138.7	25.601	18.156	35.3	31.385	3.7	24.975	1.461	1.818	51.2	2.332	1.3	-1.490	2.094	-54.6	2.570
247704.3	842176.4	138.7	25.521	18.061	35.3	31.265	3.8	24.880	1.450	1.809	51.3	2.318	1.3	-1.466	2.075	-54.8	2.541
247703.6	842175.7	138.7	25.425	17.954	35.2	31.125	3.9	24.769	1.438	1.799	51.4	2.303	1.3	-1.432	2.044	-55.0	2.495
247702.9	842175.0	138.7	25.328	17.846	35.2	30.984	4.0	24.656	1.426	1.790	51.5	2.288	1.4	-1.397	2.012	-55.2	2.450
247702.2	842174.2	138.7	25.227	17.735	35.1	30.837	4.1	24.539	1.414	1.780	51.5	2.273	1.4	-1.359	1.978	-55.5	2.400
247701.5	842173.5	138.7	25.087	17.590	35.0	30.639	4.2	24.382	1.401	1.770	51.6	2.257	1.4	-1.292	1.908	-55.9	2.304
247700.8	842172.8	138.6	24.946	17.446	35.0	30.441	4.4	24.224	1.387	1.759	51.7	2.240	1.3	-1.225	1.838	-56.3	2.209
247700.1	842172.1	138.6	24.804	17.301	34.9	30.242	4.5	24.066	1.374	1.748	51.8	2.223	1.3	-1.158	1.768	-56.8	2.114
247699.4	842171.4	138.6	24.633	17.133	34.8	30.005	4.7	23.878	1.360	1.737	51.9	2.206	1.3	-1.070	1.671	-57.4	1.984
247698.7	842170.7	138.5	24.316	16.842	34.7	29.579	4.9	23.538	1.344	1.724	52.1	2.186	1.1	-0.873	1.433	-58.7	1.678
247698.0	842169.9	138.4	24.200	16.723	34.6	29.416	5.0	23.409	1.331	1.714	52.2	2.170	1.0	-0.825	1.388	-59.3	1.615
247697.3	842169.2	138.4	24.052	16.577	34.6	29.211	5.2	23.245	1.318	1.703	52.3	2.154	1.0	-0.753	1.310	-60.1	1.511
247696.6	842168.5	138.3	23.804	16.348	34.5	28.878	5.3	22.980	1.304	1.692	52.4	2.136	0.8	-0.606	1.135	-61.9	1.287
247695.9	842167.8	138.4	23.732	16.267	34.4	28.772	5.4	22.896	1.292	1.684	52.5	2.122	0.8	-0.587	1.126	-62.5	1.269

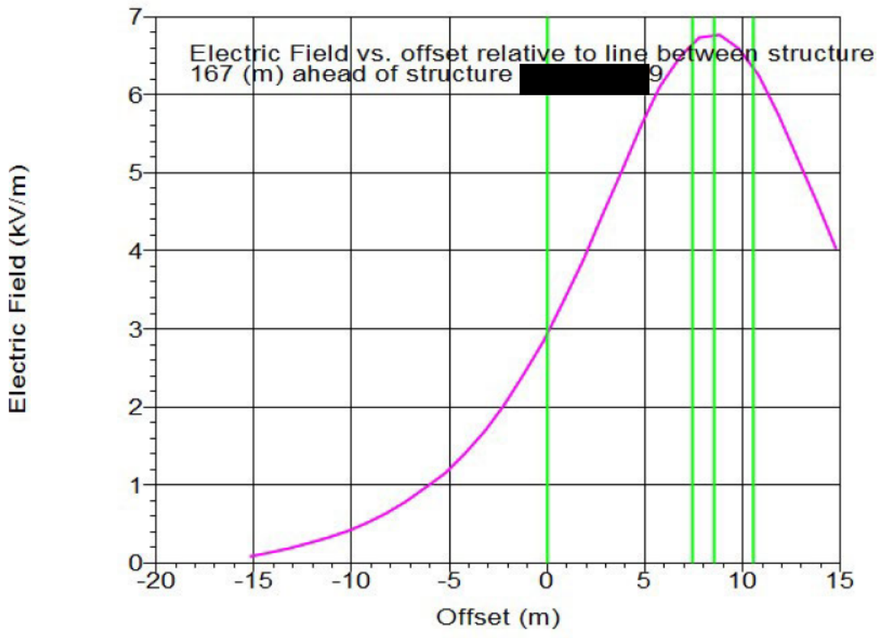
247695.2	842167.1	138.4	23.703	16.222	34.4	28.723	5.5	22.857	1.282	1.676	52.6	2.110	0.9	-0.598	1.155	-62.6	1.300
247694.5	842166.3	138.4	23.700	16.200	34.4	28.708	5.6	22.845	1.272	1.670	52.7	2.099	1.0	-0.624	1.205	-62.6	1.357
247693.8	842165.6	138.5	23.698	16.177	34.3	28.694	5.6	22.834	1.263	1.664	52.8	2.089	1.0	-0.647	1.250	-62.6	1.407
247693.1	842164.9	138.6	23.676	16.138	34.3	28.653	5.7	22.801	1.254	1.659	52.9	2.079	1.1	-0.653	1.271	-62.8	1.429
247692.4	842164.2	138.6	23.627	16.078	34.2	28.578	5.8	22.742	1.244	1.654	53.0	2.069	1.2	-0.637	1.262	-63.2	1.414
247691.7	842163.5	138.6	23.576	16.016	34.2	28.501	5.9	22.681	1.235	1.649	53.2	2.060	1.2	-0.617	1.248	-63.7	1.392
247691.0	842162.8	138.6	23.395	15.848	34.1	28.257	6.1	22.486	1.224	1.644	53.3	2.049	1.2	-0.505	1.107	-65.5	1.217
247690.3	842162.0	138.5	23.206	15.675	34.0	28.004	6.2	22.284	1.213	1.639	53.5	2.038	1.0	-0.386	0.955	-68.0	1.030
247689.7	842161.3	138.6	23.283	15.718	34.0	28.092	6.3	22.355	1.206	1.637	53.6	2.033	1.3	-0.449	1.049	-66.8	1.141
247689.0	842160.6	138.7	23.360	15.760	34.0	28.179	6.3	22.424	1.199	1.636	53.8	2.028	1.5	-0.508	1.137	-65.9	1.246
247688.3	842159.9	138.9	23.435	15.801	34.0	28.265	6.3	22.492	1.193	1.635	53.9	2.024	1.8	-0.564	1.222	-65.2	1.346
247687.6	842159.2	138.8	23.265	15.645	33.9	28.036	6.5	22.310	1.181	1.631	54.1	2.014	1.7	-0.456	1.078	-67.1	1.171
247686.9	842158.4	138.8	23.030	15.438	33.8	27.726	6.7	22.064	1.169	1.627	54.3	2.003	1.6	-0.307	0.874	-70.6	0.926
247686.2	842157.7	138.7	22.839	15.266	33.8	27.471	6.8	21.861	1.158	1.623	54.5	1.994	1.5	-0.188	0.709	-75.2	0.733
247685.5	842157.0	138.9	23.083	15.442	33.8	27.772	6.8	22.100	1.152	1.623	54.6	1.991	2.1	-0.356	0.949	-69.4	1.013
247684.8	842156.3	139.0	23.125	15.456	33.8	27.815	6.8	22.134	1.144	1.621	54.8	1.984	2.3	-0.391	1.002	-68.7	1.075
247684.1	842155.6	139.1	23.120	15.434	33.7	27.798	6.9	22.121	1.134	1.618	55.0	1.976	2.5	-0.398	1.014	-68.6	1.089
247683.4	842154.9	139.1	23.108	15.405	33.7	27.772	7.0	22.101	1.124	1.614	55.2	1.967	2.8	-0.403	1.023	-68.5	1.099
247682.7	842154.1	139.2	23.095	15.376	33.7	27.745	7.1	22.079	1.113	1.610	55.3	1.957	3.0	-0.409	1.033	-68.4	1.111
247682.0	842153.4	139.3	23.186	15.429	33.6	27.850	7.1	22.162	1.104	1.606	55.5	1.948	3.4	-0.482	1.143	-67.2	1.240
247681.3	842152.7	139.5	23.354	15.542	33.6	28.053	7.1	22.323	1.097	1.602	55.6	1.941	4.0	-0.601	1.323	-65.6	1.454
247680.6	842152.0	139.6	23.327	15.502	33.6	28.009	7.2	22.289	1.084	1.595	55.8	1.929	4.3	-0.607	1.336	-65.6	1.467
247679.9	842151.3	139.6	23.307	15.467	33.6	27.973	7.2	22.260	1.072	1.588	56.0	1.916	4.6	-0.620	1.359	-65.5	1.494
247679.2	842150.5	139.7	23.296	15.440	33.5	27.948	7.3	22.240	1.059	1.581	56.2	1.903	4.9	-0.641	1.396	-65.3	1.536
247678.5	842149.8	139.8	23.271	15.402	33.5	27.907	7.4	22.207	1.046	1.573	56.4	1.889	5.3	-0.659	1.426	-65.2	1.571
247677.8	842149.1	139.8	23.205	15.332	33.5	27.813	7.5	22.133	1.031	1.563	56.6	1.873	5.5	-0.656	1.426	-65.3	1.570
247677.1	842148.4	139.8	23.111	15.241	33.4	27.685	7.7	22.031	1.015	1.553	56.8	1.855	5.8	-0.643	1.408	-65.5	1.548
247676.4	842147.7	139.8	22.897	15.058	33.3	27.405	7.9	21.808	0.994	1.541	57.2	1.834	5.8	-0.568	1.293	-66.3	1.412
247675.7	842147.0	139.8	22.856	15.010	33.3	27.344	8.0	21.760	0.980	1.531	57.4	1.818	6.1	-0.592	1.332	-66.0	1.458
247675.0	842146.2	139.9	22.811	14.958	33.3	27.278	8.1	21.707	0.964	1.521	57.6	1.801	6.5	-0.617	1.373	-65.8	1.505
247674.3	842145.5	140.0	22.762	14.904	33.2	27.207	8.2	21.651	0.949	1.510	57.9	1.784	6.9	-0.642	1.414	-65.6	1.553
247673.6	842144.8	140.0	22.709	14.847	33.2	27.132	8.3	21.591	0.934	1.499	58.1	1.766	7.4	-0.668	1.457	-65.4	1.603
247672.9	842144.1	140.1	22.652	14.787	33.1	27.051	8.4	21.527	0.918	1.488	58.3	1.748	7.8	-0.693	1.500	-65.2	1.653
247672.3	842143.4	140.1	22.593	14.726	33.1	26.968	8.5	21.461	0.903	1.476	58.6	1.731	8.3	-0.720	1.546	-65.0	1.706
247671.6	842142.6	140.1	22.413	14.575	33.0	26.736	8.7	21.276	0.882	1.463	58.9	1.709	8.5	-0.692	1.497	-65.2	1.650
247670.9	842141.9	140.1	22.296	14.472	33.0	26.581	8.8	21.152	0.864	1.451	59.2	1.689	8.8	-0.697	1.504	-65.1	1.657
247670.2	842141.2	140.1	22.158	14.354	32.9	26.401	9.0	21.009	0.845	1.437	59.5	1.668	9.2	-0.695	1.497	-65.1	1.651
247669.5	842140.5	140.0	21.784	14.062	32.8	25.928	9.3	20.633	0.816	1.421	60.1	1.639	8.8	-0.590	1.303	-65.6	1.430
247668.8	842139.8	139.9	21.421	13.782	32.8	25.472	9.6	20.270	0.788	1.405	60.7	1.611	8.5	-0.497	1.121	-66.1	1.226
247668.1	842139.1	140.0	21.423	13.770	32.7	25.467	9.6	20.266	0.774	1.393	60.9	1.593	9.2	-0.567	1.242	-65.5	1.365
247667.4	842138.3	140.1	21.399	13.739	32.7	25.430	9.7	20.237	0.760	1.380	61.1	1.576	9.9	-0.625	1.344	-65.1	1.482
247666.7	842137.6	140.1	21.262	13.627	32.7	25.254	9.9	20.097	0.742	1.366	61.5	1.554	10.3	-0.636	1.357	-64.9	1.499
247666.0	842136.9	140.0	20.946	13.386	32.6	24.858	10.2	19.781	0.714	1.349	62.1	1.527	10.1	-0.577	1.230	-64.9	1.359
247665.3	842136.2	140.0	20.706	13.202	32.5	24.556	10.4	19.541	0.690	1.333	62.6	1.502	10.1	-0.552	1.167	-64.7	1.291
247664.6	842135.5	140.0	20.633	13.139	32.5	24.461	10.5	19.466	0.675	1.320	62.9	1.482	10.8	-0.593	1.240	-64.4	1.375
247663.9	842134.8	140.0	20.509	13.039	32.4	24.303	10.7	19.340	0.657	1.305	63.3	1.461	11.2	-0.614	1.273	-64.2	1.414
247663.2	842134.0	140.1	20.358	12.921	32.4	24.112	10.8	19.188	0.638	1.290	63.7	1.439	11.6	-0.625	1.286	-64.1	1.430
247662.5	842133.3	140.1	20.205	12.803	32.4	23.920	11.0	19.035	0.619	1.275	64.1	1.417	12.0	-0.635	1.299	-63.9	1.446
247661.8	842132.6	140.1	20.052	12.685	32.3	23.727	11.2	18.881	0.600	1.260	64.5	1.396	12.4	-0.644	1.311	-63.8	1.460
247661.1	842131.9	140.1	19.864	12.544	32.3	23.494	11.4	18.696	0.580	1.245	65.0	1.373	12.6	-0.642	1.296	-63.7	1.446
247660.4	842131.2	140.0	19.626	12.369	32.2	23.198	11.6	18.460	0.557	1.229	65.6	1.349	12.6	-0.622	1.241	-63.4	1.388
247659.7	842130.4	140.0	19.394	12.199	32.2	22.912	11.8	18.233	0.534	1.214	66.2	1.326	12.6	-0.604	1.190	-63.1	1.335
247659.0	842129.7	140.0	19.162	12.031	32.1	22.626	12.0	18.005	0.512	1.198	66.9	1.303	12.6	-0.585	1.137	-62.8	1.279
247658.3	842129.0	139.9	18.927	11.862	32.1	22.337	12.3	17.775	0.490	1.184	67.5	1.281	12.5	-0.565	1.079	-62.4	1.218
247657.6	842128.3	139.9	18.766	11.745	32.0	22.138	12.5	17.617	0.472	1.171	68.0	1.262	12.7	-0.562	1.074	-62.4	1.212
247656.9	842127.6	140.0	18.628	11.644	32.0	21.968	12.6	17.482	0.457	1.158	68.5	1.245	13.1	-0.563	1.081	-62.5	1.219
247656.2	842126.9	140.0	18.489	11.544	32.0	21.797	12.8	17.346	0.442	1.147	68.9	1.229	13.5	-0.558	1.083	-62.7	1.218
247655.5	842126.1	139.9	18.241	11.370	31.9	21.494	13.0	17.104	0.420	1.134	69.7	1.210	13.2	-0.523	0.996	-62.3	1.125
247654.9	842125.4	139.9	17.999	11.202	31.9	21.200	13.3	16.871	0.399	1.122	70.4	1.191	12.8	-0.487	0.910	-61.8	1.032
247654.2	842124.7	139.9	17.795	11.060	31.9	20.952	13.5	16.673	0.381	1.112	71.1	1.175	12.7	-0.456	0.845	-61.6	0.960
247653.5	842124.0	139.8	17.512	10.866	31.8	20.609	13.7	16.400	0.358	1.101	72.0	1.158	11.9	-0.404	0.713	-60.5	0.820
247652.8	842123.3	139.7	17.251	10.689	31.8	20.295	14.0	16.150	0.337	1.091	72.8	1.142	11.1	-0.354	0.591	-59.1	0.689
247652.1	842122.5	139.7	17.041	10.547	31.8	20.041	14.2	15.948	0.320	1.083	73.5	1.129	10.7	-0.311	0.499	-58.1	0.588
247651.4	842121.8	139.7	16.880	10.438	31.7	19.847	14.4	15.793	0.306	1.077	74.1	1.120	10.6	-0.272	0.437	-58.1	0.515
247650.7	842121.1	139.8	16.719	10.329	31.7	19.652	14.6	15.639	0.293	1.071	74.7	1.111	10.5	-0.228	0.366	-58.0	0.432
247650.0	842120.4	139.7	16.492	10.178	31.7	19.380	14.8	15.422	0.276	1.066	75.5	1.101	9.7	-0.168	0.237	-54.6	0.290
247649.3	842119.7	139.8	16.417	10.129	31.7	19.290	15.0	15.350	0.270	1.063	75.8	1.097	10.2	-0.129	0.215	-59.1	0.251
247648.6	842119.0	139.9	16.340	10.078	31.7	19.198	15.1	15.278	0.264	1.062	76.0	1.094	10.6	-0.084	0.185	-65.7	0.203
247647.9	842118.2	139.9	16.269	10.031	31.7	19.112	15.3	15.209	0.258	1.061	76.3	1.092	11.1	-0.033	0.149	-77.5	0.153
247647.2	842117.5	139.9	15.975	9.840	31.6	18.762	15.6	14.930	0.238	1.058	77.3	1.085	9.5	0.054	-0.064	-49.8	0.084
247646.5	842116.8	139.8	15.671	9.643	31.6	18.400	15.8	14.642	0.219	1.056	78.3	1.079	7.7	0.145	-0.296	-63.9	0.329
247645.8	842116.1	139.9	15.656	9.635	31.6	18.383	16.0	14.629	0.217	1.059	78.4	1.081	8.5	0.200	-0.308	-57.0	0.367
247645.1	842115.4	140.1	15.691	9.660	31.6	18.426	16.1	14.663	0.219	1.062	78.4	1.084	9.7	0.253	-0.287	-48.6	0.382
247644.4	842114.6	140.3	15.774	9.715	31.6	18.526	16.2	14.742	0.225	1.066	78.1	1.089	11.3	0.305	-0.235	-37.6	0.385
247643.7	842113.9	140.4	15.767	9.714	31.6	18.519	16.3	14.737	0.225	1.069	78.1	1.093	12.0	0.371	-0.257	-34.7	0.452
247643.0	842113.2	140.5	15.739	9.698	31.6	18.487	16.5	14.712	0.224	1.073	78.2	1.096	12.5	0.442	-0.300	-34.2	0.534
247642.3	842112.5	140.9	16.094	9.930	31.7	18.911	16.4	15.049	0.257	1.080	76.6	1.110	16.5	0.476	-0.052	-6.3	0.478
247641.6	842111.8	141.0	16.065	9.914	31.7	18.878	16.6	15.023	0.257	1.083	76.7	1.113	16.9	0.551	-0.100	-10.3	0.560
247640.9	842111.1	141.2	16.154	9.975	31.7	18.985	16.7	15.108	0.268	1.088	76.2	1.120	18.4	0.616	-0.060	-5.6	0.619
247640.2	842110.3	141.4	16.186	9.999	31.7	19.025	16.8	15.140	0.274	1.091	75.9	1.125	19.4	0.686	-0.063	-5.2	0.689
247639.5	842109.6	141.6	16.202	10.014	31.7	19.047	17.0	15.157	0.278	1.094	75.7	1.129	20.2	0.758	-0.077	-5.8	0.762
247638.8	842108.9	141.7	16.149	9.985	31.7	18.986	17.1	15.109	0.275	1.097	75.9	1.131	20.4	0.833	-0.142	-9.6	0.845
247638.1	842108.2	141.8	16.067	9.938	31.7	18.892	17.4	15.034	0.269	1.098	76.2	1.131	20.3	0.909	-0.226	-14.0	0.936
247637.5	842107.5	142.0	16.253	10.063	31.8	19.116	17.4	15.212	0.293	1.101	75.1	1.140	22.8	0.963	-0.105	-6.2	0.969
247636.8	842106.7	142.4	16.579	10.277	31.8	19.506	17.4	15.523	0.333	1.106	73.2	1.155	26.5	1.008	0.120	6.8	1.015
247636.1	842106.0	142.9	17.059	10.590	31.8	20.079	17.4	15.978	0.391	1.112	70.6	1.179	31.3	1.045	0.451	23.4	1.138
247635.4	842105.3	143.2	17.275	10.734	31.9	20.339	17.4	16.185	0.420	1.115	69.4	1.191	33.8	1.097	0.594	28.4	1.248

247634.7	842104.6	143.3	17.330	10.777	31.9	20.407	17.6	16.240	0.431	1.115	68.8	1.195	35.2	1.157	0.628	28.5	1.317
247634.0	842103.9	143.3	17.024	10.591	31.9	20.049	17.9	15.955	0.404	1.109	70.0	1.181	33.7	1.228	0.419	18.8	1.298
247633.3	842103.2	143.2	16.727	10.412	31.9	19.703	18.3	15.679	0.377	1.104	71.2	1.166	32.1	1.292	0.219	9.6	1.310
247632.6	842102.4	143.2	16.505	10.281	31.9	19.445	18.6	15.474	0.358	1.099	72.0	1.156	31.1	1.347	0.073	3.1	1.349
247631.9	842101.7	143.4	16.451	10.258	31.9	19.387	18.8	15.428	0.359	1.096	71.8	1.153	31.6	1.392	0.055	2.2	1.393
247631.2	842101.0	143.5	16.399	10.237	32.0	19.332	19.0	15.384	0.361	1.091	71.7	1.150	32.2	1.433	0.043	1.7	1.434
247630.5	842100.3	143.6	16.312	10.194	32.0	19.236	19.3	15.307	0.360	1.087	71.7	1.145	32.5	1.471	0.010	0.4	1.471
247629.8	842099.6	143.6	16.234	10.158	32.0	19.150	19.5	15.239	0.360	1.082	71.6	1.140	32.8	1.505	-0.012	-0.5	1.505
247629.1	842098.8	143.7	16.153	10.120	32.1	19.061	19.8	15.168	0.360	1.076	71.5	1.135	33.2	1.535	-0.032	-1.2	1.535
247628.4	842098.1	143.9	16.172	10.147	32.1	19.092	20.0	15.193	0.372	1.071	70.9	1.134	34.5	1.563	0.023	0.8	1.563
247627.7	842097.4	144.0	16.153	10.149	32.1	19.077	20.2	15.181	0.379	1.066	70.4	1.132	35.5	1.588	0.052	1.9	1.589
247627.0	842096.7	144.0	16.024	10.081	32.2	18.931	20.5	15.065	0.374	1.060	70.6	1.124	35.3	1.607	0.003	0.1	1.607
247626.3	842096.0	144.0	15.920	10.030	32.2	18.817	20.8	14.974	0.372	1.054	70.6	1.117	35.3	1.623	-0.028	-1.0	1.624
247625.6	842095.3	144.1	15.829	9.987	32.2	18.716	21.0	14.894	0.371	1.048	70.5	1.112	35.3	1.637	-0.051	-1.8	1.638
247624.9	842094.5	144.1	15.744	9.946	32.3	18.623	21.3	14.819	0.370	1.043	70.5	1.106	35.3	1.647	-0.073	-2.5	1.649
247624.2	842093.8	144.2	15.709	9.937	32.3	18.588	21.5	14.792	0.374	1.038	70.2	1.103	35.7	1.658	-0.063	-2.2	1.659
247623.5	842093.1	144.3	15.714	9.951	32.3	18.600	21.7	14.801	0.381	1.035	69.8	1.103	36.5	1.669	-0.030	-1.0	1.669
247622.8	842092.4	144.3	15.725	9.968	32.4	18.618	21.8	14.816	0.389	1.032	69.4	1.102	37.1	1.679	0.000	0.0	1.679
247622.1	842091.7	144.3	15.683	9.950	32.4	18.573	22.0	14.780	0.389	1.029	69.3	1.100	37.0	1.682	-0.015	-0.5	1.682
247621.4	842091.0	144.3	15.680	9.956	32.4	18.574	22.1	14.781	0.392	1.027	69.1	1.099	37.2	1.686	-0.010	-0.3	1.687

Max EF along centerline is 2.942 (kV/m) at 167.000 (m) from structure [redacted]-9

Cross section results at max EF along centerline between structures [redacted]-9 and [redacted]-10





3D EMF Point Results Span from [redacted]-9 to [redacted]-10:

Measurement			B					H	EF					Space Potential			
X (m)	Y (m)	Z (m)	Real (uT)	Imaginary (uT)	Angle (deg)	Magnitude (uT)	Polarization Axial Ratio %	Magnitude (A/m)	Real (kV/m)	Imaginary (kV/m)	Angle (deg)	Magnitude (kV/m)	Polarization Axial Ratio %	Real (kV)	Imaginary (kV)	Angle (deg)	Magnitude (kV)
247808.4	842262.0	137.9	15.480	10.106	33.1	18.487	7.3	14.711	0.045	0.066	55.7	0.080	9.5	-0.058	0.175	-71.5	0.184
247807.7	842262.7	138.0	15.664	10.329	33.4	18.763	6.8	14.931	0.079	0.104	52.8	0.130	6.9	-0.065	0.197	-71.9	0.207
247807.0	842263.4	138.0	15.926	10.607	33.7	19.135	6.3	15.227	0.117	0.146	51.3	0.187	5.3	-0.073	0.223	-71.9	0.235
247806.3	842264.1	138.0	16.253	10.927	33.9	19.585	5.8	15.585	0.161	0.193	50.1	0.252	4.2	-0.077	0.244	-72.5	0.256
247805.6	842264.8	138.0	16.661	11.315	34.2	20.140	5.4	16.027	0.214	0.247	49.2	0.327	3.4	-0.088	0.273	-72.2	0.287
247804.9	842265.5	138.1	17.167	11.789	34.5	20.825	5.1	16.572	0.276	0.311	48.4	0.415	2.7	-0.120	0.327	-69.9	0.348
247804.1	842266.2	138.1	17.737	12.319	34.8	21.595	4.7	17.185	0.349	0.385	47.8	0.520	2.2	-0.150	0.377	-68.3	0.406
247803.4	842266.9	138.1	18.345	12.890	35.1	22.421	4.3	17.842	0.436	0.473	47.3	0.643	1.9	-0.157	0.403	-68.7	0.433
247802.7	842267.6	138.2	19.098	13.604	35.5	23.448	4.0	18.659	0.538	0.578	47.0	0.790	1.6	-0.230	0.499	-65.3	0.550
247802.0	842268.3	138.2	19.899	14.377	35.8	24.549	3.6	19.536	0.659	0.703	46.9	0.964	1.4	-0.290	0.583	-63.5	0.651
247801.3	842269.0	138.2	20.785	15.252	36.3	25.780	3.3	20.515	0.800	0.853	46.8	1.169	1.3	-0.371	0.690	-61.7	0.783
247800.6	842269.7	138.2	21.734	16.213	36.7	27.115	2.8	21.577	0.964	1.031	46.9	1.412	1.2	-0.456	0.803	-60.4	0.923
247799.8	842270.4	138.3	22.789	17.307	37.2	28.616	2.4	22.772	1.153	1.244	47.2	1.696	1.2	-0.588	0.970	-58.8	1.134
247799.1	842271.1	138.4	23.970	18.561	37.8	30.317	1.9	24.125	1.370	1.495	47.5	2.028	1.2	-0.794	1.222	-57.0	1.457
247798.4	842271.8	138.4	25.244	19.953	38.3	32.178	1.3	25.606	1.616	1.788	47.9	2.411	1.2	-1.050	1.538	-55.7	1.862
247797.7	842272.5	138.5	26.594	21.476	38.9	34.183	0.6	27.202	1.892	2.128	48.4	2.848	1.3	-1.352	1.916	-54.8	2.345
247797.0	842273.2	138.5	27.871	22.985	39.5	36.126	0.3	28.748	2.196	2.513	48.9	3.337	1.2	-1.572	2.214	-54.6	2.716
247796.2	842273.9	138.5	29.120	24.523	40.1	38.070	1.2	30.295	2.523	2.939	49.4	3.873	1.2	-1.777	2.503	-54.6	3.070
247795.5	842274.6	138.6	30.616	26.380	40.7	40.413	2.3	32.160	2.869	3.399	49.8	4.448	1.2	-2.262	3.127	-54.1	3.860
247794.8	842275.3	138.7	32.122	28.322	41.4	42.825	3.4	34.079	3.223	3.874	50.2	5.039	1.3	-2.837	3.869	-53.8	4.798
247794.1	842276.0	138.7	33.410	30.091	42.0	44.964	4.8	35.781	3.564	4.331	50.6	5.609	1.3	-3.331	4.516	-53.6	5.612
247793.4	842276.7	138.8	34.328	31.497	42.5	46.588	6.3	37.074	3.868	4.728	50.7	6.108	1.3	-3.663	4.951	-53.5	6.159
247792.7	842277.3	138.8	35.080	32.759	43.0	47.997	8.0	38.195	4.117	5.029	50.7	6.499	1.4	-4.077	5.456	-53.2	6.811
247791.9	842278.0	138.8	35.467	33.627	43.5	48.874	9.8	38.893	4.285	5.190	50.5	6.730	1.7	-4.436	5.846	-52.8	7.338
247791.2	842278.7	138.9	35.464	34.050	43.8	49.164	11.7	39.123	4.357	5.185	50.0	6.773	2.1	-4.740	6.107	-52.2	7.731
247790.5	842279.4	138.9	34.765	33.615	44.0	48.359	13.7	38.483	4.319	4.993	49.1	6.602	2.6	-4.700	5.893	-51.4	7.538
247789.8	842280.1	138.9	33.633	32.614	44.1	46.849	15.7	37.281	4.184	4.644	48.0	6.251	3.1	-4.510	5.459	-50.4	7.081
247789.1	842280.8	138.9	32.164	31.148	44.1	44.774	17.7	35.630	3.970	4.178	46.5	5.764	3.7	-4.193	4.859	-49.2	6.418
247788.3	842281.5	138.9	30.768	29.731	44.0	42.785	19.8	34.048	3.708	3.656	44.6	5.207	4.7	-4.099	4.469	-47.5	6.064
247787.6	842282.2	139.0	29.257	28.122	43.9	40.581	21.8	32.294	3.411	3.110	42.4	4.616	5.8	-3.976	4.027	-45.4	5.659
247786.9	842282.9	139.0	27.671	26.368	43.6	38.222	23.7	30.416	3.100	2.575	39.7	4.030	7.0	-3.798	3.529	-42.9	5.185

Centerline results between structures [redacted]-10 and [redacted]-11

3D EMF Point Results Centerline from [redacted]-10 to [redacted]-11:

Measurement			B					H	EF					Space Potential			
X (m)	Y (m)	Z (m)	Real (uT)	Imaginary (uT)	Angle (deg)	Magnitude (uT)	Polarization Axial Ratio %	Magnitude (A/m)	Real (kV/m)	Imaginary (kV/m)	Angle (deg)	Magnitude (kV/m)	Polarization Axial Ratio %	Real (kV)	Imaginary (kV)	Angle (deg)	Magnitude (kV)
247620.6	842090.1	144.4	15.760	10.011	32.4	18.671	22.2	14.858	0.402	1.027	68.6	1.103	38.0	1.697	0.040	1.4	1.697

247619.9	842089.4	144.4	15.757	10.011	32.4	18.668	22.3	14.855	0.402	1.026	68.6	1.102	37.8	1.699	0.021	0.7	1.699
247619.2	842088.6	144.4	15.777	10.023	32.4	18.692	22.4	14.874	0.403	1.027	68.6	1.103	37.6	1.701	0.008	0.3	1.701
247618.5	842087.9	144.3	15.749	10.003	32.4	18.657	22.4	14.847	0.398	1.027	68.8	1.101	36.6	1.694	-0.048	-1.6	1.695
247617.8	842087.2	144.3	15.767	10.010	32.4	18.676	22.5	14.862	0.396	1.029	69.0	1.102	35.9	1.691	-0.081	-2.7	1.693
247617.1	842086.5	144.2	15.811	10.033	32.4	18.726	22.5	14.902	0.395	1.031	69.0	1.104	35.5	1.688	-0.105	-3.6	1.692
247616.5	842085.7	144.2	15.828	10.037	32.4	18.742	22.4	14.914	0.390	1.034	69.3	1.105	34.4	1.680	-0.157	-5.3	1.688
247615.8	842085.0	144.1	15.948	10.104	32.4	18.880	22.4	15.024	0.395	1.038	69.2	1.111	34.5	1.684	-0.145	-4.9	1.690
247615.1	842084.3	144.1	16.085	10.181	32.3	19.036	22.3	15.149	0.401	1.043	69.0	1.117	34.7	1.689	-0.130	-4.4	1.694
247614.4	842083.6	144.1	16.238	10.267	32.3	19.211	22.2	15.288	0.406	1.048	68.8	1.124	34.9	1.695	-0.111	-3.8	1.698
247613.7	842082.8	144.1	16.378	10.344	32.3	19.371	22.1	15.415	0.410	1.054	68.7	1.131	34.9	1.697	-0.107	-3.6	1.701
247613.0	842082.1	144.0	16.500	10.410	32.2	19.510	22.0	15.525	0.411	1.060	68.8	1.137	34.5	1.696	-0.119	-4.0	1.700
247612.3	842081.4	144.0	16.628	10.480	32.2	19.655	21.9	15.641	0.412	1.065	68.8	1.142	34.2	1.695	-0.131	-4.4	1.700
247611.6	842080.7	143.9	16.735	10.536	32.2	19.776	21.8	15.737	0.411	1.071	69.0	1.147	33.5	1.689	-0.161	-5.4	1.697
247610.9	842080.0	143.8	16.849	10.597	32.2	19.904	21.7	15.839	0.409	1.077	69.2	1.152	32.9	1.683	-0.189	-6.4	1.694
247610.2	842079.2	143.7	16.969	10.662	32.1	20.040	21.6	15.948	0.408	1.083	69.3	1.157	32.3	1.677	-0.214	-7.3	1.690
247609.6	842078.5	143.7	17.094	10.730	32.1	20.183	21.5	16.061	0.408	1.089	69.5	1.162	31.6	1.670	-0.239	-8.1	1.687
247608.9	842077.8	143.6	17.224	10.802	32.1	20.331	21.4	16.179	0.407	1.095	69.6	1.168	31.1	1.662	-0.262	-9.0	1.682
247608.2	842077.1	143.5	17.358	10.876	32.1	20.484	21.3	16.300	0.407	1.100	69.7	1.173	30.5	1.652	-0.284	-9.8	1.677
247607.5	842076.3	143.5	17.543	10.982	32.0	20.697	21.1	16.470	0.411	1.107	69.6	1.181	30.5	1.649	-0.276	-9.5	1.672
247606.8	842075.6	143.4	17.752	11.103	32.0	20.938	21.0	16.662	0.417	1.113	69.5	1.189	30.7	1.648	-0.254	-8.7	1.667
247606.1	842074.9	143.4	18.024	11.262	32.0	21.253	20.9	16.913	0.429	1.120	69.1	1.199	31.5	1.654	-0.196	-6.7	1.665
247605.4	842074.2	143.4	18.280	11.412	32.0	21.550	20.7	17.149	0.439	1.127	68.7	1.209	32.2	1.656	-0.149	-5.1	1.663
247604.7	842073.4	143.3	18.288	11.411	32.0	21.556	20.7	17.154	0.426	1.130	69.3	1.208	30.1	1.620	-0.249	-8.7	1.639
247604.0	842072.7	143.1	18.252	11.384	32.0	21.511	20.7	17.118	0.411	1.133	70.1	1.206	27.4	1.575	-0.376	-13.4	1.620
247603.3	842072.0	143.0	18.416	11.479	31.9	21.701	20.6	17.269	0.413	1.139	70.1	1.211	26.9	1.559	-0.385	-13.9	1.606
247602.6	842071.3	143.1	18.842	11.732	31.9	22.196	20.4	17.663	0.436	1.146	69.2	1.227	29.3	1.581	-0.244	-8.8	1.600
247602.0	842070.5	143.1	19.062	11.862	31.9	22.451	20.2	17.866	0.442	1.152	69.0	1.234	29.4	1.571	-0.224	-8.1	1.587
247601.3	842069.8	143.0	19.255	11.974	31.9	22.675	20.1	18.044	0.446	1.157	68.9	1.240	29.1	1.556	-0.222	-8.1	1.572
247600.6	842069.1	143.0	19.441	12.083	31.9	22.890	20.0	18.215	0.448	1.163	68.9	1.246	28.6	1.539	-0.227	-8.4	1.556
247599.9	842068.4	142.9	19.715	12.245	31.8	23.208	19.9	18.468	0.458	1.169	68.6	1.255	29.1	1.536	-0.185	-6.9	1.547
247599.2	842067.7	143.0	20.042	12.439	31.8	23.588	19.8	18.771	0.471	1.176	68.2	1.267	30.1	1.541	-0.118	-4.4	1.546
247598.5	842066.9	142.9	20.271	12.574	31.8	23.854	19.6	18.982	0.476	1.183	68.1	1.275	29.9	1.531	-0.109	-4.1	1.535
247597.8	842066.2	142.8	20.403	12.650	31.8	24.006	19.6	19.103	0.472	1.188	68.3	1.278	28.6	1.507	-0.155	-5.9	1.515
247597.1	842065.5	142.8	20.633	12.786	31.8	24.274	19.5	19.316	0.476	1.195	68.3	1.286	28.3	1.499	-0.153	-5.8	1.506
247596.4	842064.8	142.8	20.895	12.941	31.8	24.578	19.4	19.559	0.482	1.202	68.2	1.295	28.3	1.497	-0.138	-5.3	1.503
247595.7	842064.0	142.7	21.128	13.078	31.8	24.848	19.2	19.773	0.485	1.210	68.2	1.303	27.9	1.491	-0.143	-5.5	1.498
247595.1	842063.3	142.7	21.451	13.269	31.7	25.223	19.1	20.072	0.494	1.219	67.9	1.315	28.4	1.501	-0.106	-4.0	1.505
247594.4	842062.6	142.8	21.862	13.513	31.7	25.701	18.9	20.452	0.510	1.229	67.5	1.331	29.7	1.527	-0.030	-1.1	1.528
247593.7	842061.9	142.8	22.281	13.762	31.7	26.188	18.7	20.840	0.526	1.239	67.0	1.346	31.0	1.556	0.043	1.6	1.556
247593.0	842061.1	142.8	22.691	14.004	31.7	26.664	18.5	21.219	0.541	1.250	66.6	1.362	32.2	1.585	0.105	3.8	1.588
247592.3	842060.4	142.8	23.020	14.198	31.7	27.046	18.4	21.523	0.549	1.260	66.5	1.374	32.4	1.602	0.122	4.3	1.607
247591.6	842059.7	142.7	23.186	14.295	31.7	27.239	18.3	21.676	0.543	1.268	66.8	1.379	31.0	1.597	0.055	2.0	1.598
247590.9	842059.0	142.6	23.259	14.336	31.6	27.322	18.3	21.742	0.529	1.275	67.5	1.380	28.5	1.579	-0.060	-2.2	1.580
247590.2	842058.3	142.6	23.451	14.448	31.6	27.544	18.2	21.919	0.525	1.284	67.8	1.387	27.2	1.581	-0.122	-4.4	1.586
247589.5	842057.5	142.5	23.718	14.604	31.6	27.854	18.1	22.165	0.526	1.293	67.9	1.396	26.6	1.597	-0.151	-5.4	1.604
247588.8	842056.8	142.5	24.062	14.807	31.6	28.252	18.0	22.483	0.532	1.303	67.8	1.408	26.8	1.627	-0.146	-5.1	1.633
247588.1	842056.1	142.6	24.513	15.072	31.6	28.776	17.8	22.899	0.547	1.314	67.4	1.424	28.1	1.675	-0.096	-3.3	1.677
247587.5	842055.4	142.5	24.820	15.252	31.6	29.132	17.6	23.182	0.550	1.324	67.5	1.434	27.8	1.702	-0.116	-3.9	1.706
247586.8	842054.6	142.5	25.127	15.431	31.6	29.487	17.5	23.465	0.552	1.333	67.5	1.443	27.5	1.731	-0.140	-4.6	1.736
247586.1	842053.9	142.5	25.359	15.566	31.5	29.755	17.4	23.679	0.549	1.342	67.8	1.450	26.4	1.749	-0.201	-6.6	1.761
247585.4	842053.2	142.4	25.668	15.746	31.5	30.113	17.3	23.963	0.551	1.351	67.8	1.459	26.1	1.781	-0.230	-7.3	1.796
247584.7	842052.5	142.5	26.218	16.068	31.5	30.751	17.1	24.470	0.572	1.362	67.2	1.477	28.2	1.850	-0.151	-4.7	1.856
247584.0	842051.7	142.5	26.569	16.272	31.5	31.156	16.9	24.793	0.577	1.371	67.2	1.488	28.2	1.889	-0.166	-5.0	1.897
247583.3	842051.0	142.4	26.883	16.454	31.5	31.518	16.8	25.081	0.579	1.380	67.2	1.497	27.9	1.923	-0.200	-5.9	1.934
247582.6	842050.3	142.4	27.198	16.637	31.5	31.883	16.7	25.372	0.581	1.388	67.3	1.505	27.5	1.958	-0.234	-6.8	1.972
247581.9	842049.6	142.4	27.516	16.820	31.4	32.250	16.5	25.664	0.584	1.396	67.3	1.514	27.2	1.992	-0.268	-7.7	2.010
247581.2	842048.8	142.4	27.926	17.058	31.4	32.724	16.4	26.041	0.594	1.405	67.1	1.525	27.7	2.039	-0.263	-7.3	2.056
247580.6	842048.1	142.4	28.246	17.242	31.4	33.093	16.2	26.335	0.596	1.412	67.1	1.533	27.4	2.072	-0.298	-8.2	2.093
247579.9	842047.4	142.4	28.844	17.589	31.4	33.784	16.0	26.884	0.621	1.422	66.4	1.551	29.7	2.142	-0.216	-5.7	2.153
247579.2	842046.7	142.4	29.327	17.867	31.4	34.341	15.8	27.328	0.637	1.429	66.0	1.565	30.8	2.194	-0.184	-4.8	2.202
247578.5	842046.0	142.4	29.669	18.063	31.3	34.736	15.6	27.642	0.643	1.436	65.9	1.573	30.7	2.224	-0.209	-5.4	2.234
247577.8	842045.2	142.4	30.014	18.261	31.3	35.133	15.5	27.958	0.649	1.441	65.8	1.580	30.5	2.253	-0.233	-5.9	2.265
247577.1	842044.5	142.3	30.293	18.419	31.3	35.453	15.4	28.213	0.650	1.446	65.8	1.585	29.8	2.270	-0.282	-7.1	2.288
247576.4	842043.8	142.4	30.912	18.774	31.3	36.166	15.1	28.780	0.678	1.453	65.0	1.603	32.3	2.332	-0.193	-4.7	2.340
247575.7	842043.1	142.5	31.612	19.177	31.2	36.974	14.8	29.423	0.714	1.460	63.9	1.625	35.5	2.404	-0.073	-1.7	2.405
247575.0	842042.3	142.5	32.238	19.535	31.2	37.695	14.6	29.997	0.745	1.466	63.1	1.644	38.0	2.463	0.016	0.4	2.463
247574.3	842041.6	142.5	32.681	19.786	31.2	38.203	14.4	30.401	0.761	1.470	62.6	1.655	38.9	2.495	0.037	0.9	2.496
247573.6	842040.9	142.5	33.127	20.039	31.2	38.717	14.2	30.810	0.777	1.473	62.2	1.665	39.9	2.527	0.063	1.4	2.528
247573.0	842040.2	142.5	33.412	20.197	31.2	39.042	14.1	31.069	0.781	1.473	62.1	1.668	39.4	2.537	0.031	0.7	2.537
247572.3	842039.4	142.4	33.649	20.328	31.1	39.313	14.0	31.284	0.781	1.473	62.1	1.667	38.6	2.539	-0.014	-0.3	2.539
247571.6	842038.7	142.4	34.011	20.531	31.1	39.727	13.9	31.614	0.792	1.473	61.7	1.673	39.0	2.558	-0.010	-0.2	2.558
247570.9	842038.0	142.4	34.534	20.825	31.1	40.327	13.7	32.091	0.818	1.475	61.0	1.686	41.0	2.600	0.056	1.2	2.601
247570.2	842037.3	142.3	34.729	20.931	31.1	40.549	13.6	32.268	0.816	1.472	61.0	1.683	40.0	2.598	0.008	0.2	2.598
247569.5	842036.6	142.3	35.022	21.093	31.1	40.884	13.5	32.534	0.824	1.470	60.7	1.685	40.0	2.610	-0.001	-0.0	2.610
247568.8	842035.8	142.2	35.407	21.307	31.0	41.323	13.3	32.884	0.839	1.468	60.3	1.691	41.0	2.637	0.026	0.6	2.637
247568.1	842035.1	142.2	35.844	21.550	31.0	41.823	13.1	33.282	0.860	1.467	59.6	1.700	42.5	2.674	0.074	1.6	2.675
247567.4	842034.4	142.2	36.183	21.737	31.0	42.210	13.0	33.590	0.873	1.465	59.2	1.705	43.3	2.701	0.091	1.9	2.702
247566.7	842033.7	142.1	36.519	21.922	31.0	42.593	12.9	33.894	0.886	1.462	58.8	1.709	44.1	2.730	0.110	2.3	2.732
247566.1	842032.9	142.1	36.855	22.106	31.0	42.976	12.7	34.199	0.900	1.458	58.3	1.714	45.0	2.763	0.132	2.7	2.767
247565.4	842032.2	142.1	37.196	22.293	30.9	43.365	12.6	34.509	0.916	1.455	57.8	1.719	46.1	2.802	0.158	3.2	2.806
247564.7	842031.5	142.0	37.551	22.487	30.9	43.769	12.5	34.830	0.933	1.452	57.3	1.726	47.5	2.847	0.191	3.8	2.854
247564.0	842030.8	142.0	37.906	22.680	30.9	44.173	12.3	35.152	0.951	1.449	56.7	1.733	49.0	2.897	0.227	4.5	2.906
247563.3	842030.0	142.0	38.262	22.874	30.9	44.578	12.2	35.474	0.969	1.445	56.1	1.740	50.6	2.953	0.265	5.1	2.965
247562.6	842029.3	141.9	38.477	22.987	30.9	44.821	12.1	35.668	0.977	1.440	55.8	1.740	51.0	2.994	0.261	5.0	3.005
247561.9	842028.6	141.8	38.404	22.938	30.8	44.733	12.2	35.597	0.961	1.430	56.1	1.723	48.9	2.998	0.171	3.3	3.003
247561.2	842027.9	141.7	38.506	22.987	30.8	44.845	12.1	35.687	0.961	1.423	56.0	1.717	48.5	3.033	0.138	2.6	3.036
247560.5	842027.1	141.7	39.010	23.263	30.8	45.420	11.9	36.144	0.995	1.422	55.0	1.735	52.1	3.129	0.234	4.3	3.137

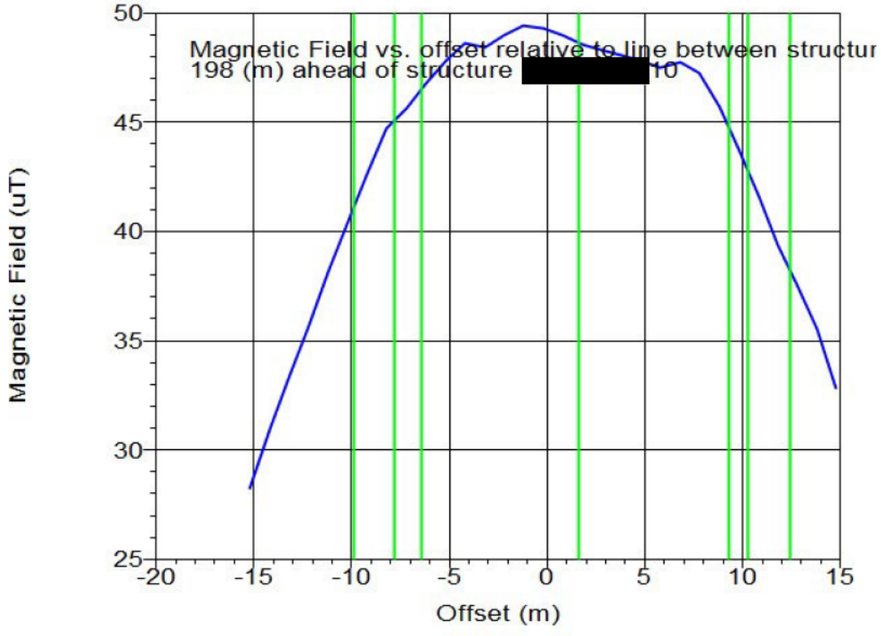
247559.8	842026.4	141.6	39.218	23.371	30.8	45.654	11.9	36.330	1.006	1.416	54.6	1.737	53.0	3.186	0.240	4.3	3.195
247559.1	842025.7	141.5	38.978	23.227	30.8	45.374	12.0	36.107	0.979	1.405	55.1	1.712	49.7	3.183	0.114	2.0	3.185
247558.5	842025.0	141.4	39.148	23.314	30.8	45.564	11.9	36.259	0.988	1.399	54.8	1.713	50.5	3.240	0.117	2.1	3.243
247557.8	842024.3	141.3	39.423	23.460	30.8	45.875	11.8	36.506	1.007	1.395	54.2	1.720	52.4	3.313	0.156	2.7	3.317
247557.1	842023.5	141.1	38.962	23.192	30.8	45.342	12.0	36.082	0.966	1.382	55.1	1.686	47.4	3.281	-0.022	-0.4	3.281
247556.4	842022.8	140.9	38.659	23.014	30.8	44.990	12.2	35.802	0.940	1.372	55.6	1.663	44.0	3.269	-0.146	-2.5	3.272
247555.7	842022.1	140.8	38.658	23.004	30.8	44.985	12.2	35.798	0.940	1.364	55.4	1.657	43.7	3.296	-0.168	-2.9	3.301
247555.0	842021.4	140.7	38.706	23.023	30.7	45.036	12.2	35.839	0.947	1.358	55.1	1.655	44.1	3.326	-0.165	-2.8	3.330
247554.3	842020.6	140.7	38.808	23.072	30.7	45.148	12.2	35.928	0.959	1.351	54.6	1.657	45.2	3.357	-0.135	-2.3	3.360
247553.6	842019.9	140.5	38.341	22.802	30.7	44.609	12.4	35.498	0.931	1.340	55.2	1.631	41.2	3.296	-0.266	-4.6	3.307
247552.9	842019.2	140.3	38.235	22.735	30.7	44.484	12.4	35.399	0.932	1.330	55.0	1.624	40.8	3.279	-0.271	-4.7	3.290
247552.2	842018.5	140.2	38.009	22.600	30.7	44.220	12.5	35.190	0.927	1.320	54.9	1.613	39.6	3.233	-0.299	-5.3	3.246
247551.5	842017.7	140.0	37.550	22.336	30.7	43.691	12.8	34.768	0.910	1.308	55.2	1.594	36.6	3.138	-0.383	-7.0	3.162
247550.9	842017.0	139.8	37.044	22.046	30.8	43.107	13.0	34.304	0.893	1.296	55.4	1.574	33.5	3.023	-0.468	-8.8	3.059
247550.2	842016.3	139.6	36.741	21.869	30.8	42.757	13.1	34.025	0.892	1.285	55.2	1.564	32.2	2.929	-0.477	-9.2	2.968
247549.5	842015.6	139.5	36.624	21.797	30.8	42.620	13.2	33.916	0.901	1.274	54.7	1.560	32.3	2.856	-0.416	-8.3	2.887
247548.8	842014.9	139.3	36.388	21.658	30.8	42.346	13.3	33.698	0.904	1.264	54.4	1.553	31.4	2.755	-0.385	-7.9	2.782
247548.1	842014.1	139.2	36.280	21.590	30.8	42.218	13.4	33.596	0.913	1.254	54.0	1.551	31.3	2.669	-0.308	-6.6	2.687
247547.4	842013.4	139.1	36.388	21.643	30.7	42.338	13.3	33.691	0.932	1.248	53.3	1.557	32.8	2.619	-0.164	-3.6	2.624
247546.7	842012.7	139.0	36.301	21.587	30.7	42.235	13.4	33.609	0.940	1.242	52.9	1.558	32.7	2.531	-0.080	-1.8	2.532
247546.0	842012.0	138.8	35.888	21.350	30.7	41.759	13.6	33.231	0.932	1.235	53.0	1.547	29.8	2.379	-0.096	-2.3	2.381
247545.3	842011.2	138.7	35.781	21.284	30.7	41.633	13.7	33.131	0.939	1.232	52.7	1.549	29.4	2.284	-0.023	-0.6	2.284
247544.6	842010.5	138.6	35.744	21.256	30.7	41.587	13.7	33.094	0.948	1.230	52.4	1.553	29.5	2.204	0.066	1.7	2.205
247544.0	842009.8	138.5	35.704	21.227	30.7	41.537	13.7	33.054	0.956	1.229	52.1	1.558	29.5	2.126	0.148	4.0	2.131
247543.3	842009.1	138.3	35.641	21.185	30.7	41.462	13.8	32.994	0.963	1.229	51.9	1.562	29.5	2.046	0.218	6.1	2.058
247542.6	842008.3	138.2	35.445	21.069	30.7	41.234	13.9	32.813	0.964	1.229	51.9	1.561	28.2	1.942	0.243	7.1	1.957
247541.9	842007.6	138.1	35.326	20.996	30.7	41.094	13.9	32.702	0.967	1.229	51.8	1.564	27.7	1.858	0.287	8.8	1.880
247541.2	842006.9	137.9	34.956	20.785	30.7	40.669	14.1	32.363	0.960	1.227	51.9	1.558	24.9	1.723	0.251	8.3	1.741
247540.5	842006.2	137.8	34.816	20.701	30.7	40.505	14.2	32.233	0.963	1.226	51.9	1.559	24.2	1.641	0.280	9.7	1.665
247539.8	842005.4	137.6	34.660	20.608	30.7	40.323	14.3	32.088	0.965	1.225	51.8	1.560	23.5	1.559	0.303	11.0	1.588
247539.1	842004.7	137.6	34.853	20.708	30.7	40.540	14.2	32.261	0.982	1.227	51.3	1.572	26.2	1.559	0.430	15.4	1.617
247538.4	842004.0	137.6	35.050	20.809	30.7	40.762	14.1	32.437	1.000	1.228	50.8	1.584	29.0	1.565	0.557	19.6	1.661
247537.7	842003.3	137.4	34.869	20.703	30.7	40.552	14.2	32.270	1.001	1.226	50.7	1.583	28.3	1.491	0.572	21.0	1.597
247537.0	842002.6	137.3	34.532	20.511	30.7	40.164	14.4	31.962	0.996	1.221	50.8	1.575	26.3	1.385	0.541	21.3	1.487
247536.4	842001.8	137.2	34.502	20.487	30.7	40.126	14.4	31.931	1.004	1.218	50.5	1.578	27.3	1.352	0.603	24.0	1.480
247535.7	842001.1	137.1	34.443	20.449	30.7	40.056	14.4	31.876	1.011	1.215	50.2	1.581	28.2	1.316	0.659	26.6	1.471
247535.0	842000.4	137.0	34.383	20.409	30.7	39.984	14.5	31.818	1.019	1.211	49.9	1.583	29.1	1.282	0.716	29.2	1.469
247534.3	841999.7	136.9	34.319	20.368	30.7	39.908	14.5	31.758	1.026	1.207	49.6	1.585	30.1	1.252	0.774	31.7	1.472
247533.6	841998.9	136.8	34.418	20.415	30.7	40.018	14.5	31.845	1.043	1.205	49.1	1.593	32.7	1.262	0.883	35.0	1.540
247532.9	841998.2	136.7	34.485	20.445	30.7	40.090	14.5	31.903	1.059	1.202	48.6	1.602	35.0	1.266	0.982	37.8	1.602
247532.2	841997.5	136.8	34.904	20.668	30.6	40.564	14.3	32.280	1.096	1.205	47.7	1.629	40.6	1.355	1.184	41.1	1.800
247531.5	841996.8	136.7	35.170	20.807	30.6	40.864	14.2	32.519	1.127	1.206	46.9	1.651	44.8	1.410	1.340	43.5	1.946
247530.8	841996.0	136.5	34.502	20.435	30.6	40.100	14.5	31.911	1.100	1.193	47.3	1.623	40.5	1.248	1.230	44.6	1.752
247530.1	841995.3	136.2	33.697	19.988	30.7	39.179	14.9	31.178	1.069	1.179	47.8	1.591	34.9	1.048	1.078	45.8	1.503
247529.5	841994.6	136.0	33.373	19.804	30.7	38.806	15.0	30.881	1.065	1.171	47.7	1.583	33.7	0.962	1.064	47.9	1.434
247528.8	841993.9	135.9	33.047	19.619	30.7	38.432	15.2	30.583	1.062	1.164	47.6	1.576	32.4	0.876	1.048	50.1	1.366
247528.1	841993.2	135.7	32.750	19.451	30.7	38.091	15.3	30.312	1.061	1.157	47.5	1.570	31.4	0.797	1.038	52.5	1.309
247527.4	841992.4	135.5	32.342	19.222	30.7	37.623	15.5	29.939	1.054	1.149	47.5	1.560	29.4	0.689	0.992	55.2	1.208
247526.7	841991.7	135.4	31.938	18.994	30.7	37.159	15.7	29.570	1.048	1.142	47.4	1.550	27.2	0.581	0.944	58.4	1.109
247526.0	841991.0	135.2	31.724	18.871	30.7	36.913	15.8	29.374	1.050	1.137	47.3	1.548	26.9	0.525	0.950	61.1	1.085
247525.3	841990.3	135.1	31.641	18.821	30.7	36.816	15.9	29.297	1.057	1.134	47.0	1.550	27.7	0.506	0.991	62.9	1.113
247524.6	841989.5	135.0	31.558	18.770	30.7	36.718	15.9	29.219	1.063	1.132	46.8	1.553	28.4	0.490	1.028	64.5	1.139
247523.9	841988.8	134.9	31.523	18.745	30.7	36.675	16.0	29.185	1.070	1.131	46.6	1.557	29.5	0.490	1.075	65.5	1.181
247523.2	841988.1	135.0	31.856	18.922	30.7	37.052	15.8	29.485	1.094	1.135	46.1	1.577	33.9	0.594	1.226	64.1	1.363
247522.5	841987.4	134.7	31.186	18.550	30.7	36.286	16.2	28.876	1.072	1.125	46.4	1.554	28.9	0.425	1.071	68.4	1.152
247521.9	841986.6	134.5	30.575	18.210	30.8	35.587	16.4	28.319	1.054	1.117	46.7	1.536	24.3	0.270	0.925	73.7	0.963
247521.2	841985.9	134.4	30.533	18.186	30.8	35.538	16.5	28.280	1.057	1.118	46.6	1.538	24.8	0.294	0.963	73.0	1.007
247520.5	841985.2	134.3	30.467	18.145	30.8	35.461	16.5	28.219	1.060	1.117	46.5	1.540	25.1	0.297	0.974	73.0	1.018
247519.8	841984.5	134.2	30.556	18.189	30.8	35.560	16.5	28.298	1.067	1.118	46.3	1.546	26.7	0.345	1.026	71.4	1.083
247519.1	841983.7	134.3	30.969	18.409	30.7	36.027	16.3	28.670	1.089	1.124	45.9	1.565	31.1	0.486	1.172	67.5	1.268
247518.4	841983.0	134.3	31.168	18.513	30.7	36.252	16.3	28.848	1.102	1.127	45.6	1.577	33.3	0.563	1.246	65.7	1.368
247517.7	841982.3	134.2	31.057	18.447	30.7	36.122	16.3	28.745	1.101	1.126	45.6	1.574	32.6	0.552	1.222	65.7	1.341
247517.0	841981.6	134.1	31.166	18.488	30.7	36.237	16.3	28.836	1.110	1.125	45.4	1.580	33.8	0.617	1.272	64.1	1.414
247516.3	841980.9	134.1	31.247	18.527	30.7	36.326	16.3	28.907	1.118	1.126	45.2	1.586	34.5	0.652	1.297	63.3	1.451
247515.6	841980.1	134.0	31.139	18.463	30.7	36.201	16.3	28.808	1.116	1.124	45.2	1.583	33.4	0.629	1.261	63.5	1.409
247515.0	841979.4	133.9	31.072	18.421	30.7	36.122	16.4	28.745	1.116	1.122	45.2	1.583	32.5	0.612	1.233	63.6	1.376
247514.3	841978.7	133.9	31.357	18.571	30.6	36.444	16.3	29.001	1.134	1.125	44.8	1.598	34.5	0.687	1.306	62.3	1.475
247513.6	841978.0	133.8	31.036	18.392	30.7	36.076	16.4	28.709	1.123	1.120	44.9	1.586	31.1	0.582	1.195	64.0	1.329
247512.9	841977.2	133.7	31.099	18.421	30.6	36.145	16.4	28.763	1.131	1.119	44.7	1.591	30.8	0.577	1.195	64.2	1.327
247512.2	841976.5	133.7	31.320	18.535	30.6	36.393	16.3	28.961	1.146	1.121	44.3	1.603	31.8	0.608	1.238	63.8	1.379
247511.5	841975.8	133.6	31.075	18.397	30.6	36.112	16.5	28.737	1.141	1.116	44.4	1.596	28.5	0.495	1.139	66.5	1.242
247510.8	841975.1	133.5	30.860	18.276	30.6	35.865	16.6	28.541	1.139	1.112	44.3	1.592	25.4	0.379	1.045	70.1	1.112
247510.1	841974.3	133.4	30.876	18.279	30.6	35.881	16.6	28.553	1.147	1.111	44.1	1.597	24.1	0.320	1.016	72.5	1.065
247509.4	841973.6	133.4	31.169	18.432	30.6	36.211	16.5	28.816	1.167	1.113	43.6	1.613	25.1	0.334	1.064	72.6	1.115
247508.7	841972.9	133.4	31.379	18.540	30.6	36.447	16.4	29.004	1.185	1.114	43.2	1.626	25.2	0.314	1.083	73.8	1.128
247508.0	841972.2	133.3	31.269	18.475	30.6	36.320	16.5	28.902	1.190	1.112	43.1	1.628	22.4	0.189	1.004	79.3	1.022
247507.4	841971.5	133.3	31.382	18.531	30.6	36.445	16.4	29.002	1.204	1.112	42.7	1.639	21.4	0.122	0.986	82.9	0.993
247506.7	841970.7	133.3	31.764	18.730	30.5	36.875	16.3	29.344	1.228	1.116	42.3	1.659	22.6	0.132	1.040	82.8	1.049
247506.0	841970.0	133.4	32.382	19.055	30.5	37.572	16.0	29.899	1.260	1.122	41.7	1.687	25.5	0.207	1.155	79.8	1.174
247505.3	841969.3	133.6	33.011	19.384	30.4	38.281	15.8	30.463	1.294	1.129	41.1	1.717	28.4	0.281	1.265	77.5	1.296
247504.6	841968.6	133.7	33.606	19.694	30.4	38.951	15.5	30.997	1.327	1.135	40.6	1.746	30.7	0.341	1.358	75.9	1.401
247503.9	841967.8	133.9	34.921	20.382	30.3	40.433	15.0	32.176	1.396	1.154	39.6	1.811	38.2	0.612	1.631	69.4	1.742
247503.2	841967.1	134.1	36.089	20.988	30.2	41.748	14.5	33.222	1.463	1.171	38.7	1.874	44.0	0.832	1.848	65.8	2.027
247502.5	841966.4	134.2	36.804	21.353	30.1	42.549	14.2	33.860	1.505	1.181	38.1	1.913	46.3	0.918	1.945	64.7	2.151
247501.8	841965.7	134.3	37.208	21.555	30.1	43.001	14.1	34.219	1.529	1.186	37.8	1.934	46.6	0.915	1.962	65.0	2.165
247501.1	841964.9	134.2	36.902	21.388	30.1	42.652	14.2	33.941	1.511	1.177	37.9	1.915	42.4	0.705	1.810	68.7	1.942
247500.5	841964.2	134.0	36.514	21.178	30.1	42.211	14.4	33.590	1.491	1.167	38.0	1.893	37.6	0.466	1.635	74.1	1.700

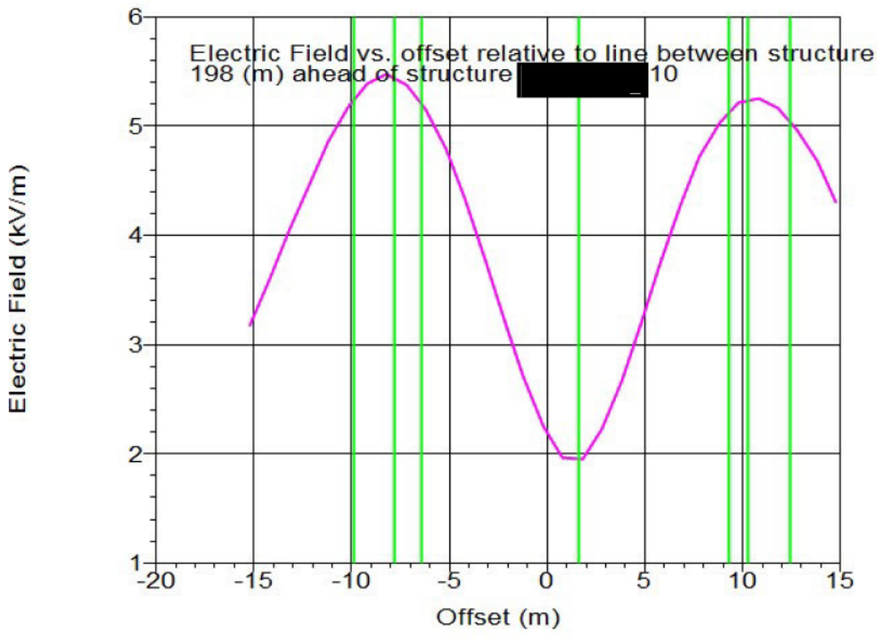
247499.8	841963.5	134.0	36.495	21.160	30.1	42.186	14.4	33.571	1.492	1.163	37.9	1.892	35.1	0.336	1.547	77.7	1.584
247499.1	841962.8	134.0	37.032	21.431	30.1	42.786	14.2	34.048	1.521	1.169	37.5	1.918	36.4	0.377	1.594	76.7	1.638
247498.4	841962.1	134.0	37.200	21.509	30.0	42.970	14.2	34.195	1.531	1.167	37.3	1.925	35.3	0.307	1.551	78.8	1.581
247497.7	841961.3	134.0	37.496	21.653	30.0	43.299	14.1	34.456	1.547	1.168	37.1	1.938	35.1	0.280	1.539	79.7	1.564
247497.0	841960.6	134.1	37.852	21.828	30.0	43.695	13.9	34.771	1.565	1.169	36.8	1.954	35.3	0.276	1.542	79.8	1.567
247496.3	841959.9	134.1	38.192	21.994	29.9	44.073	13.8	35.072	1.583	1.170	36.5	1.968	35.4	0.272	1.542	80.0	1.566
247495.6	841959.2	134.1	38.532	22.160	29.9	44.450	13.7	35.372	1.601	1.170	36.2	1.982	35.6	0.272	1.544	80.0	1.568
247494.9	841958.4	134.1	38.873	22.325	29.9	44.828	13.6	35.673	1.618	1.170	35.9	1.996	35.9	0.278	1.548	79.8	1.572
247494.2	841957.7	134.2	39.214	22.490	29.8	45.206	13.4	35.974	1.636	1.169	35.6	2.010	36.2	0.289	1.554	79.5	1.580
247493.5	841957.0	134.2	39.558	22.655	29.8	45.587	13.3	36.277	1.653	1.168	35.3	2.024	36.6	0.307	1.563	78.9	1.593
247492.9	841956.3	134.3	40.153	22.947	29.7	46.247	13.1	36.802	1.684	1.172	34.8	2.051	38.6	0.407	1.629	76.0	1.679
247492.2	841955.5	134.4	40.836	23.282	29.7	47.007	12.8	37.407	1.720	1.177	34.4	2.084	41.0	0.540	1.716	72.5	1.799
247491.5	841954.8	134.4	41.132	23.421	29.7	47.333	12.7	37.666	1.737	1.175	34.1	2.097	41.2	0.560	1.722	72.0	1.811
247490.8	841954.1	134.4	41.183	23.435	29.6	47.384	12.7	37.707	1.740	1.169	33.9	2.096	40.3	0.509	1.681	73.2	1.756
247490.1	841953.4	134.3	41.249	23.457	29.6	47.452	12.7	37.761	1.745	1.163	33.7	2.097	39.5	0.468	1.647	74.1	1.712
247489.4	841952.6	134.2	41.040	23.342	29.6	47.214	12.8	37.572	1.736	1.153	33.6	2.084	37.2	0.346	1.560	77.5	1.598
247488.7	841951.9	134.2	41.027	23.324	29.6	47.194	12.8	37.556	1.738	1.146	33.4	2.082	36.2	0.290	1.518	79.2	1.546
247488.0	841951.2	134.1	40.991	23.296	29.6	47.148	12.9	37.519	1.739	1.139	33.2	2.079	35.1	0.231	1.476	81.1	1.494
247487.3	841950.5	134.1	41.149	23.364	29.6	47.320	12.8	37.656	1.750	1.136	33.0	2.086	35.1	0.241	1.478	80.7	1.498
247486.6	841949.8	134.2	41.436	23.496	29.6	47.634	12.7	37.906	1.767	1.134	32.7	2.100	36.0	0.298	1.511	78.9	1.540
247486.0	841949.0	134.2	41.722	23.627	29.5	47.947	12.6	38.155	1.784	1.133	32.4	2.114	36.9	0.360	1.548	76.9	1.589
247485.3	841948.3	134.2	42.161	23.834	29.5	48.432	12.5	38.541	1.810	1.135	32.1	2.137	38.7	0.478	1.618	73.5	1.688
247484.6	841947.6	134.3	42.633	24.056	29.4	48.952	12.3	38.955	1.839	1.137	31.7	2.162	40.5	0.611	1.698	70.2	1.805
247483.9	841946.9	134.3	42.881	24.167	29.4	49.222	12.2	39.170	1.856	1.136	31.5	2.177	41.3	0.679	1.738	68.7	1.866
247483.2	841946.1	134.2	42.648	24.040	29.4	48.956	12.3	38.958	1.848	1.127	31.4	2.164	40.0	0.600	1.688	70.4	1.792
247482.5	841945.4	134.2	42.658	24.033	29.4	48.962	12.3	38.963	1.853	1.122	31.2	2.166	39.8	0.603	1.691	70.4	1.795
247481.8	841944.7	134.1	42.713	24.048	29.4	49.017	12.3	39.007	1.861	1.117	31.0	2.170	39.9	0.623	1.707	69.9	1.817
247481.1	841944.0	134.1	42.639	23.999	29.4	48.929	12.4	38.936	1.862	1.111	30.8	2.169	39.5	0.607	1.703	70.4	1.808
247480.4	841943.2	134.0	42.514	23.926	29.4	48.784	12.4	38.821	1.862	1.104	30.7	2.165	38.9	0.577	1.694	71.2	1.789
247479.7	841942.5	134.0	42.244	23.781	29.4	48.478	12.6	38.578	1.854	1.095	30.6	2.153	37.7	0.502	1.661	73.2	1.736
247479.0	841941.8	133.9	42.214	23.755	29.4	48.439	12.6	38.546	1.860	1.090	30.4	2.156	37.7	0.508	1.680	73.2	1.755
247478.4	841941.1	133.9	42.205	23.738	29.4	48.423	12.6	38.534	1.867	1.086	30.2	2.160	37.8	0.524	1.706	72.9	1.785
247477.7	841940.4	133.9	42.193	23.720	29.3	48.404	12.7	38.518	1.875	1.082	30.0	2.165	38.0	0.542	1.737	72.7	1.820
247477.0	841939.6	133.8	42.178	23.701	29.3	48.381	12.7	38.500	1.883	1.078	29.8	2.170	38.2	0.563	1.771	72.4	1.858
247476.3	841938.9	133.8	42.009	23.606	29.3	48.187	12.8	38.346	1.883	1.071	29.6	2.166	37.8	0.536	1.780	73.2	1.859
247475.6	841938.2	133.6	41.529	23.360	29.4	47.648	13.0	37.917	1.867	1.060	29.6	2.146	36.0	0.409	1.734	76.7	1.781
247474.9	841937.5	133.6	41.434	23.301	29.4	47.536	13.1	37.828	1.870	1.055	29.4	2.147	36.1	0.414	1.765	76.8	1.813
247474.2	841936.7	133.5	41.365	23.256	29.3	47.454	13.1	37.763	1.876	1.051	29.3	2.150	36.4	0.433	1.805	76.5	1.856
247473.5	841936.0	133.5	41.369	23.246	29.3	47.453	13.1	37.762	1.885	1.049	29.1	2.157	37.0	0.482	1.862	75.5	1.923
247472.8	841935.3	133.5	41.294	23.198	29.3	47.363	13.2	37.691	1.890	1.046	29.0	2.160	37.4	0.508	1.907	75.1	1.974
247472.1	841934.6	133.4	40.957	23.022	29.3	46.984	13.3	37.389	1.881	1.037	28.9	2.148	36.6	0.451	1.907	76.7	1.959
247471.5	841933.8	133.3	40.605	22.838	29.4	46.587	13.5	37.072	1.872	1.029	28.8	2.136	35.9	0.391	1.906	78.4	1.946
247470.8	841933.1	133.2	40.243	22.650	29.4	46.179	13.7	36.748	1.862	1.021	28.7	2.123	35.2	0.332	1.907	80.1	1.936
247470.1	841932.4	133.1	40.064	22.551	29.4	45.975	13.8	36.586	1.861	1.017	28.6	2.121	35.4	0.342	1.946	80.0	1.976
247469.4	841931.7	133.1	40.125	22.569	29.4	46.037	13.8	36.635	1.873	1.017	28.5	2.131	36.6	0.440	2.033	77.8	2.080
247468.7	841930.9	133.1	39.868	22.432	29.4	45.745	13.9	36.403	1.869	1.011	28.4	2.125	36.5	0.429	2.063	78.2	2.107
247468.0	841930.2	133.0	39.609	22.295	29.4	45.452	14.0	36.170	1.865	1.006	28.3	2.118	36.5	0.421	2.095	78.6	2.137
247467.3	841929.5	132.8	39.033	22.002	29.4	44.807	14.3	35.656	1.844	0.994	28.3	2.095	35.1	0.303	2.070	81.7	2.092
247466.6	841928.8	132.7	38.525	21.743	29.4	44.237	14.5	35.203	1.828	0.984	28.3	2.076	34.1	0.209	2.059	84.2	2.070
247465.9	841928.1	132.7	38.549	21.743	29.4	44.258	14.5	35.219	1.838	0.984	28.2	2.085	35.4	0.309	2.154	81.8	2.176
247465.2	841927.3	132.6	38.091	21.508	29.5	43.743	14.7	34.810	1.824	0.975	28.1	2.069	34.7	0.235	2.158	83.8	2.171
247464.5	841926.6	132.4	37.270	21.095	29.5	42.826	15.1	34.080	1.794	0.959	28.1	2.034	32.2	0.025	2.092	89.3	2.093
247463.9	841925.9	132.3	37.063	20.982	29.5	42.590	15.2	33.892	1.793	0.955	28.0	2.032	32.6	0.042	2.150	88.9	2.150
247463.2	841925.2	132.3	36.839	20.861	29.5	42.335	15.3	33.689	1.792	0.951	27.9	2.029	33.0	0.051	2.206	88.7	2.206
247462.5	841924.4	132.2	36.411	20.640	29.5	41.855	15.5	33.307	1.782	0.943	27.9	2.016	32.4	-0.018	2.223	-89.5	2.223
247461.8	841923.7	132.0	35.935	20.395	29.6	41.320	15.8	32.881	1.770	0.934	27.8	2.001	31.6	-0.110	2.232	-87.2	2.234
247461.1	841923.0	131.9	35.328	20.085	29.6	40.638	16.0	32.339	1.753	0.922	27.7	1.981	30.2	-0.256	2.214	-83.4	2.229
247460.4	841922.3	131.6	34.406	19.618	29.7	39.606	16.5	31.518	1.724	0.906	27.7	1.948	27.0	-0.534	2.131	-75.9	2.197
247459.7	841921.5	131.5	33.695	19.254	29.7	38.808	16.8	30.882	1.706	0.894	27.6	1.926	24.8	-0.738	2.089	-70.5	2.216
247459.0	841920.8	131.3	33.102	18.949	29.8	38.142	17.1	30.352	1.694	0.884	27.5	1.911	23.2	-0.900	2.072	-66.5	2.259
247458.3	841920.1	131.2	32.655	18.716	29.8	37.638	17.3	29.951	1.687	0.876	27.4	1.901	22.4	-1.007	2.086	-64.2	2.316
247457.6	841919.4	131.1	32.231	18.494	29.8	37.160	17.5	29.571	1.682	0.869	27.3	1.893	21.7	-1.107	2.104	-62.3	2.377
247457.0	841918.7	131.0	31.919	18.328	29.9	36.806	17.7	29.290	1.680	0.863	27.2	1.889	21.6	-1.161	2.146	-61.6	2.440
247456.3	841917.9	130.9	31.846	18.281	29.9	36.720	17.7	29.221	1.685	0.861	27.1	1.893	22.9	-1.113	2.240	-63.6	2.501
247455.6	841917.2	130.9	31.757	18.227	29.9	36.616	17.8	29.138	1.690	0.860	27.0	1.896	24.0	-1.070	2.330	-65.3	2.564
247454.9	841916.5	130.9	31.660	18.169	29.9	36.503	17.9	29.048	1.695	0.858	26.9	1.900	25.1	-1.028	2.417	-66.9	2.627
247454.2	841915.8	130.8	31.327	17.992	29.9	36.126	18.0	28.748	1.690	0.853	26.8	1.893	24.9	-1.089	2.451	-66.1	2.682
247453.5	841915.0	130.6	30.684	17.659	29.9	35.403	18.3	28.172	1.675	0.842	26.7	1.875	23.0	-1.286	2.415	-62.0	2.737
247452.8	841914.3	130.5	30.257	17.433	29.9	34.920	18.6	27.789	1.666	0.835	26.6	1.864	22.3	-1.387	2.426	-60.2	2.794
247452.1	841913.6	130.4	29.744	17.164	30.0	34.341	18.8	27.328	1.655	0.827	26.5	1.850	21.0	-1.527	2.415	-57.7	2.857
247451.4	841912.9	130.2	29.292	16.926	30.0	33.831	19.1	26.922	1.645	0.819	26.5	1.838	20.1	-1.636	2.417	-55.9	2.919
247450.7	841912.1	130.1	28.901	16.717	30.0	33.387	19.3	26.569	1.636	0.812	26.4	1.827	19.6	-1.715	2.431	-54.8	2.975
247450.0	841911.4	130.0	28.596	16.553	30.1	33.042	19.5	26.294	1.629	0.807	26.3	1.818	19.6	-1.750	2.465	-54.6	3.023
247449.4	841910.7	130.0	28.431	16.459	30.1	32.851	19.6	26.142	1.625	0.803	26.3	1.813	20.4	-1.713	2.531	-55.9	3.056
247448.7	841910.0	129.9	28.074	16.267	30.1	32.446	19.8	25.820	1.615	0.797	26.3	1.801	20.1	-1.766	2.551	-55.3	3.102
247448.0	841909.2	129.8	27.805	16.120	30.1	32.140	20.0	25.576	1.608	0.791	26.2	1.792	20.3	-1.772	2.590	-55.6	3.139
247447.3	841908.5	129.7	27.535	15.973	30.1	31.833	20.1	25.332	1.600	0.786	26.2	1.782	20.5	-1.776	2.629	-56.0	3.173
247446.6	841907.8	129.6	27.263	15.824	30.1	31.523	20.3	25.085	1.591	0.781	26.1	1.773	20.7	-1.778	2.667	-56.3	3.205
247445.9	841907.1	129.6	27.140	15.751	30.1	31.379	20.4	24.971	1.587	0.778	26.1	1.768	21.8	-1.703	2.738	-58.1	3.225
247445.2	841906.4	129.5	26.786	15.560	30.2	30.977	20.6	24.651	1.576	0.772	26.1	1.755	21.6	-1.739	2.754	-57.7	3.257
247444.5	841905.6	129.4	26.431	15.369	30.2	30.575	20.9	24.331	1.565	0.765	26.1	1.742	21.4	-1.774	2.768	-57.3	3.288
247443.8	841904.9	129.3	26.076	15.177	30.2	30.171	21.1	24.009	1.553	0.759	26.0	1.729	21.1	-1.807	2.781	-57.0	3.317
247443.1	841904.2	129.2	25.699	14.975	30.2	29.744	21.4	23.669	1.541	0.752	26.0	1.715	20.8	-1.848	2.787	-56.5	3.344
247442.4	841903.5	129.1	25.274	14.748	30.3	29.262	21.6	23.286	1.527	0.745	26.0	1.699	20.2	-1.911	2.779	-55.5	3.373
247441.8	841902.7	128.9	24.811	14.503	30.3	28.739	21.9	22.870	1.512	0.737	26.0	1.682	19.4	-1.990	2.761	-54.2	3.403
247441.1	841902.0	128.8	24.340	14.253	30.4	28.206	22.2	22.446	1.496	0.729	26.0	1.665	18.6	-2.071	2.738	-52.9	3.433
247440.4	841901.3	128.6	23.825	13.982	30.4	27.625	22.6	21.983	1.479	0.721	26.0	1.645	17.6	-2.171	2.701	-51.2	3.465

247439.7	841900.6	128.6	23.547	13.833	30.4	27.309	22.8	21.732	1.465	0.717	26.1	1.632	18.0	-2.139	2.724	-51.9	3.463
247439.0	841899.8	128.5	23.266	13.684	30.5	26.992	23.0	21.480	1.451	0.713	26.2	1.617	18.6	-2.101	2.745	-52.6	3.457
247438.3	841899.1	128.4	22.978	13.531	30.5	26.666	23.2	21.220	1.435	0.709	26.3	1.600	19.1	-2.060	2.763	-53.3	3.447
247437.6	841898.4	128.4	22.679	13.376	30.5	26.330	23.4	20.953	1.417	0.705	26.4	1.583	19.7	-2.017	2.778	-54.0	3.433
247436.9	841897.7	128.3	22.357	13.210	30.6	25.968	23.6	20.665	1.397	0.701	26.6	1.563	20.2	-1.978	2.786	-54.6	3.416
247436.2	841897.0	128.3	22.107	13.083	30.6	25.688	23.8	20.442	1.378	0.698	26.9	1.544	21.3	-1.892	2.812	-56.1	3.389
247435.5	841896.2	128.2	21.671	12.864	30.7	25.202	24.1	20.055	1.352	0.692	27.1	1.519	21.3	-1.898	2.789	-55.8	3.373
247434.9	841895.5	128.0	21.163	12.611	30.8	24.635	24.4	19.604	1.323	0.684	27.4	1.489	20.9	-1.934	2.746	-54.8	3.358
247434.2	841894.8	127.9	20.569	12.316	30.9	23.974	24.7	19.078	1.289	0.675	27.6	1.455	20.1	-2.007	2.678	-53.1	3.347
247433.5	841894.1	127.7	19.858	11.964	31.1	23.184	25.0	18.449	1.252	0.665	28.0	1.417	18.6	-2.138	2.574	-50.3	3.346
247432.8	841893.3	127.4	19.153	11.617	31.2	22.400	25.3	17.826	1.213	0.654	28.3	1.378	17.2	-2.258	2.469	-47.6	3.346
247432.1	841892.6	127.2	18.475	11.287	31.4	21.650	25.6	17.228	1.173	0.644	28.8	1.338	16.1	-2.356	2.369	-45.2	3.341
247431.4	841891.9	127.1	18.027	11.079	31.6	21.159	25.7	16.838	1.135	0.637	29.3	1.301	16.6	-2.316	2.338	-45.3	3.291
247430.7	841891.2	127.1	17.622	10.898	31.7	20.720	25.7	16.489	1.094	0.630	29.9	1.263	17.5	-2.243	2.321	-46.0	3.228
247430.0	841890.4	127.0	17.163	10.691	31.9	20.221	25.6	16.091	1.051	0.622	30.6	1.221	18.1	-2.196	2.288	-46.2	3.171
247429.3	841889.7	126.9	16.623	10.443	32.1	19.631	25.6	15.622	1.004	0.613	31.4	1.176	18.2	-2.191	2.227	-45.5	3.124
247428.6	841889.0	126.7	16.020	10.161	32.4	18.971	25.4	15.096	0.954	0.602	32.2	1.128	17.9	-2.218	2.143	-44.0	3.084
247427.9	841888.3	126.6	15.587	9.972	32.6	18.504	25.1	14.725	0.905	0.592	33.2	1.082	18.8	-2.151	2.115	-44.5	3.016
247427.3	841887.5	126.5	15.032	9.714	32.9	17.898	24.8	14.242	0.853	0.581	34.3	1.032	18.7	-2.154	2.041	-43.5	2.967
247426.6	841886.8	126.4	14.487	9.457	33.1	17.300	24.3	13.767	0.800	0.569	35.4	0.982	18.6	-2.160	1.964	-42.3	2.919
247425.9	841886.1	126.2	13.962	9.206	33.4	16.724	23.7	13.308	0.747	0.557	36.7	0.932	18.4	-2.164	1.886	-41.1	2.870
247425.2	841885.4	126.1	13.539	9.007	33.6	16.261	23.0	12.940	0.695	0.546	38.2	0.884	18.6	-2.128	1.839	-40.8	2.813
247424.5	841884.7	126.0	13.206	8.854	33.8	15.899	22.2	12.652	0.645	0.536	39.7	0.839	19.2	-2.064	1.821	-41.4	2.753
247423.8	841883.9	126.0	12.907	8.713	34.0	15.573	21.4	12.393	0.597	0.527	41.4	0.796	19.7	-2.008	1.807	-42.0	2.701
247423.1	841883.2	125.9	12.632	8.577	34.2	15.269	20.5	12.151	0.550	0.518	43.3	0.756	19.9	-1.969	1.790	-42.3	2.661
247422.4	841882.5	125.8	12.409	8.463	34.3	15.020	19.6	11.953	0.507	0.511	45.2	0.720	20.0	-1.937	1.781	-42.6	2.632
247421.7	841881.8	125.7	12.161	8.321	34.4	14.735	18.9	11.726	0.464	0.507	47.5	0.688	18.7	-1.951	1.741	-41.7	2.615
247421.0	841881.0	125.6	12.034	8.244	34.4	14.587	18.1	11.608	0.427	0.506	49.8	0.662	18.3	-1.946	1.741	-41.8	2.611
247420.4	841880.3	125.5	11.999	8.216	34.4	14.542	17.5	11.572	0.395	0.509	52.2	0.644	18.7	-1.942	1.767	-42.3	2.625
247419.7	841879.6	125.3	11.952	8.173	34.4	14.479	17.1	11.522	0.363	0.517	54.9	0.632	17.6	-1.979	1.766	-41.7	2.652
247419.0	841878.9	125.2	12.023	8.200	34.3	14.553	16.8	11.581	0.338	0.531	57.5	0.629	18.4	-2.011	1.807	-41.9	2.703
247418.3	841878.1	125.2	12.193	8.288	34.2	14.743	16.7	11.732	0.318	0.550	60.0	0.635	20.7	-2.048	1.883	-42.6	2.782

Max EF along centerline is 2.177 (kV/m) at 198.000 (m) from structure [redacted]-10

Cross section results at max EF along centerline between structures [redacted]-10 and [redacted]-11





3D EMF Point Results Span from [redacted]-10 to [redacted]-11:

Measurement			B					H	EF					Space Potential			
X (m)	Y (m)	Z (m)	Real (uT)	Imaginary (uT)	Angle (deg)	Magnitude (uT)	Polarization Axial Ratio %	Magnitude (A/m)	Real (kV/m)	Imaginary (kV/m)	Angle (deg)	Magnitude (kV/m)	Polarization Axial Ratio %	Real (kV)	Imaginary (kV)	Angle (deg)	Magnitude (kV)
247494.9	841936.4	134.2	25.228	12.684	26.7	28.237	36.0	22.470	2.947	1.154	21.4	3.165	5.0	2.888	-1.410	-26.0	3.214
247494.2	841937.1	134.3	27.822	13.503	25.9	30.925	34.2	24.610	3.409	1.148	18.6	3.597	5.1	3.691	-1.526	-22.5	3.994
247493.4	841937.7	134.3	30.148	14.195	25.2	33.322	32.3	26.517	3.877	1.120	16.1	4.035	4.6	4.119	-1.471	-19.7	4.374
247492.7	841938.4	134.3	32.498	14.891	24.6	35.748	30.3	28.447	4.333	1.074	13.9	4.464	4.1	4.518	-1.392	-17.1	4.727
247492.0	841939.1	134.3	34.790	15.586	24.1	38.122	28.2	30.336	4.747	1.009	12.0	4.853	3.7	4.844	-1.286	-14.9	5.012
247491.3	841939.8	134.3	37.051	16.308	23.8	40.482	26.2	32.214	5.089	0.927	10.3	5.173	3.5	5.177	-1.175	-12.8	5.309
247490.5	841940.5	134.3	39.104	17.032	23.5	42.653	24.2	33.942	5.321	0.830	8.9	5.386	3.3	5.392	-1.038	-10.9	5.491
247489.8	841941.2	134.3	41.032	17.804	23.5	44.728	22.2	35.593	5.422	0.722	7.6	5.470	3.4	5.608	-0.893	-9.0	5.679
247489.1	841941.9	134.2	41.812	18.363	23.7	45.667	20.5	36.341	5.344	0.595	6.4	5.377	3.4	4.978	-0.642	-7.3	5.020
247488.4	841942.6	134.2	42.705	19.062	24.1	46.766	18.8	37.215	5.128	0.467	5.2	5.149	3.9	4.631	-0.425	-5.2	4.651
247487.6	841943.3	134.3	43.485	19.848	24.5	47.800	17.2	38.038	4.781	0.357	4.3	4.794	4.9	4.339	-0.192	-2.5	4.343
247486.9	841944.0	134.3	43.983	20.675	25.2	48.600	15.7	38.674	4.323	0.310	4.1	4.334	6.8	3.934	0.083	1.2	3.934
247486.2	841944.7	134.2	43.512	21.292	26.1	48.442	14.6	38.549	3.764	0.365	5.5	3.781	9.3	2.962	0.395	7.6	2.988
247485.5	841945.3	134.3	43.653	22.224	27.0	48.985	13.5	38.981	3.182	0.552	9.8	3.230	14.7	2.432	0.766	17.5	2.549
247484.7	841946.0	134.3	43.648	23.214	28.0	49.437	12.7	39.341	2.585	0.798	17.2	2.706	23.9	1.786	1.213	34.2	2.159
247484.0	841946.7	134.3	43.043	24.021	29.2	49.292	12.2	39.225	1.977	1.077	28.6	2.251	38.0	0.870	1.653	62.2	1.868
247483.3	841947.4	134.2	42.238	24.757	30.4	48.958	12.1	38.960	1.395	1.391	44.9	1.970	53.7	-0.050	2.076	-88.6	2.076
247482.6	841948.1	134.1	41.330	25.426	31.6	48.524	12.3	38.615	0.896	1.738	62.7	1.955	47.5	-0.889	2.456	-70.1	2.612
247481.9	841948.8	134.1	40.585	26.165	32.8	48.289	12.7	38.427	0.683	2.114	72.1	2.222	29.6	-1.605	2.864	-60.7	3.283
247481.1	841949.5	134.0	39.827	26.859	34.0	48.037	13.3	38.227	0.905	2.509	70.2	2.668	17.1	-2.229	3.246	-55.5	3.938
247480.4	841950.2	133.9	39.080	27.508	35.1	47.791	14.1	38.031	1.325	2.910	65.5	3.197	10.1	-2.771	3.613	-52.5	4.553
247479.7	841950.9	133.9	38.288	28.060	36.2	47.469	15.1	37.775	1.771	3.297	61.8	3.743	6.3	-3.235	3.944	-50.6	5.101
247479.0	841951.6	134.0	37.956	28.949	37.3	47.735	16.1	37.987	2.207	3.663	58.9	4.277	4.6	-3.869	4.634	-50.1	6.037
247478.2	841952.2	134.0	37.065	29.287	38.3	47.239	17.4	37.592	2.573	3.958	57.0	4.721	3.5	-4.287	4.968	-49.2	6.562
247477.5	841952.9	133.8	35.450	28.822	39.1	45.688	19.1	36.357	2.856	4.146	55.4	5.034	2.7	-4.288	4.712	-47.7	6.371
247476.8	841953.6	133.7	33.649	28.020	39.8	43.787	20.9	34.845	3.061	4.224	54.1	5.216	2.3	-4.116	4.266	-46.0	5.928
247476.1	841954.3	133.6	31.708	26.916	40.3	41.592	22.7	33.098	3.183	4.185	52.7	5.258	2.0	-3.800	3.669	-44.0	5.282
247475.3	841955.0	133.5	29.834	25.735	40.8	39.400	24.6	31.354	3.227	4.038	51.4	5.169	2.0	-3.511	3.145	-41.9	4.713
247474.6	841955.7	133.5	28.252	24.744	41.2	37.556	26.4	29.886	3.202	3.803	49.9	4.971	2.3	-3.489	2.961	-40.3	4.576
247473.9	841956.4	133.5	26.617	23.579	41.5	35.559	28.3	28.297	3.112	3.489	48.3	4.676	2.7	-3.430	2.724	-38.5	4.381
247473.2	841957.1	133.4	24.552	21.795	41.6	32.830	30.1	26.125	2.967	3.114	46.4	4.301	2.5	-2.868	1.956	-34.3	3.472

Centerline results between structures [redacted]-5 and [redacted]-6T

3D EMF Point Results Centerline from [redacted]-5 to [redacted]-6T:

Measurement			B					H	EF					Space Potential			
X (m)	Y (m)	Z (m)	Real (uT)	Imaginary (uT)	Angle (deg)	Magnitude (uT)	Polarization Axial Ratio %	Magnitude (A/m)	Real (kV/m)	Imaginary (kV/m)	Angle (deg)	Magnitude (kV/m)	Polarization Axial Ratio %	Real (kV)	Imaginary (kV)	Angle (deg)	Magnitude (kV)
249114.8	843631.6	78.8	9.982	6.326	32.4	11.818	24.8	9.404	0.303	0.623	64.1	0.693	22.0	-0.684	1.600	-66.9	1.740

249114.2	843630.8	79.0	10.095	6.386	32.3	11.945	24.7	9.505	0.319	0.618	62.7	0.696	24.3	-0.634	1.676	-69.3	1.792
249113.7	843630.0	79.2	10.158	6.412	32.3	12.013	24.7	9.559	0.332	0.614	61.6	0.698	25.3	-0.604	1.706	-70.5	1.810
249113.1	843629.2	79.3	10.197	6.423	32.2	12.051	24.6	9.590	0.343	0.609	60.6	0.699	25.6	-0.586	1.712	-71.1	1.809
249112.5	843628.3	79.4	10.247	6.439	32.1	12.102	24.4	9.631	0.354	0.604	59.6	0.700	25.9	-0.567	1.720	-71.8	1.811
249111.9	843627.5	79.5	10.299	6.456	32.1	12.155	24.3	9.673	0.365	0.600	58.7	0.702	26.1	-0.551	1.723	-72.3	1.809
249111.3	843626.7	79.6	10.347	6.469	32.0	12.203	24.2	9.711	0.376	0.595	57.7	0.704	26.0	-0.541	1.718	-72.5	1.801
249110.7	843625.9	79.6	10.391	6.479	31.9	12.245	24.0	9.744	0.386	0.591	56.9	0.706	25.6	-0.537	1.706	-72.5	1.788
249110.2	843625.1	79.7	10.441	6.493	31.9	12.296	23.9	9.785	0.396	0.587	56.0	0.708	25.2	-0.534	1.694	-72.5	1.777
249109.6	843624.3	79.8	10.501	6.511	31.8	12.356	23.7	9.833	0.407	0.582	55.0	0.711	24.8	-0.532	1.685	-72.5	1.767
249109.0	843623.5	79.8	10.546	6.521	31.7	12.399	23.5	9.867	0.417	0.578	54.2	0.713	24.0	-0.540	1.663	-72.0	1.748
249108.4	843622.7	79.8	10.564	6.513	31.7	12.410	23.3	9.876	0.427	0.573	53.3	0.714	22.5	-0.566	1.620	-70.8	1.716
249107.8	843621.8	79.8	10.588	6.509	31.6	12.428	23.1	9.890	0.437	0.568	52.4	0.716	21.0	-0.593	1.581	-69.4	1.688
249107.2	843621.0	79.8	10.622	6.510	31.5	12.458	22.9	9.914	0.447	0.563	51.5	0.719	19.6	-0.620	1.546	-68.1	1.666
249106.7	843620.2	79.8	10.666	6.518	31.4	12.500	22.7	9.947	0.459	0.558	50.6	0.722	18.3	-0.646	1.516	-66.9	1.648
249106.1	843619.4	79.9	10.780	6.568	31.4	12.624	22.5	10.046	0.472	0.553	49.5	0.728	18.3	-0.641	1.529	-67.2	1.658
249105.5	843618.6	80.0	10.901	6.622	31.3	12.755	22.3	10.150	0.487	0.549	48.4	0.733	18.4	-0.635	1.543	-67.6	1.669
249104.9	843617.8	79.9	10.927	6.619	31.2	12.775	22.1	10.166	0.498	0.543	47.4	0.737	16.5	-0.681	1.501	-65.6	1.648
249104.3	843617.0	80.0	11.046	6.671	31.1	12.904	21.8	10.269	0.513	0.538	46.3	0.743	16.4	-0.680	1.512	-65.8	1.658
249103.7	843616.2	80.1	11.180	6.732	31.1	13.050	21.6	10.385	0.528	0.532	45.2	0.750	16.5	-0.673	1.530	-66.3	1.671
249103.2	843615.3	80.2	11.317	6.794	31.0	13.200	21.4	10.504	0.543	0.527	44.1	0.757	16.6	-0.665	1.548	-66.7	1.685
249102.6	843614.5	80.2	11.413	6.833	30.9	13.302	21.1	10.585	0.558	0.521	43.0	0.764	16.0	-0.681	1.543	-66.2	1.687
249102.0	843613.7	80.2	11.494	6.863	30.8	13.387	20.9	10.653	0.573	0.515	41.9	0.770	15.0	-0.706	1.531	-65.3	1.686
249101.4	843612.9	80.3	11.576	6.894	30.8	13.473	20.7	10.722	0.588	0.508	40.8	0.777	14.0	-0.731	1.520	-64.3	1.686
249100.8	843612.1	80.3	11.659	6.925	30.7	13.561	20.5	10.791	0.603	0.501	39.7	0.784	13.1	-0.757	1.509	-63.3	1.688
249100.2	843611.3	80.3	11.738	6.954	30.6	13.643	20.3	10.857	0.618	0.494	38.6	0.791	12.1	-0.787	1.496	-62.3	1.690
249099.7	843610.5	80.4	11.885	7.022	30.6	13.805	20.1	10.985	0.635	0.487	37.5	0.800	12.3	-0.774	1.516	-62.9	1.702
249099.1	843609.7	80.5	12.034	7.090	30.5	13.967	19.9	11.114	0.651	0.481	36.4	0.809	12.4	-0.761	1.535	-63.6	1.713
249098.5	843608.8	80.5	12.183	7.159	30.4	14.131	19.7	11.245	0.668	0.474	35.3	0.819	12.6	-0.745	1.554	-64.4	1.723
249097.9	843608.0	80.6	12.334	7.228	30.4	14.296	19.4	11.376	0.685	0.466	34.3	0.829	12.7	-0.727	1.572	-65.2	1.732
249097.3	843607.2	80.7	12.484	7.296	30.3	14.460	19.2	11.507	0.702	0.459	33.2	0.838	12.8	-0.708	1.588	-66.0	1.739
249096.7	843606.4	80.8	12.611	7.351	30.2	14.597	19.0	11.616	0.718	0.451	32.2	0.848	12.6	-0.703	1.595	-66.2	1.743
249096.2	843605.6	80.8	12.708	7.390	30.2	14.701	18.8	11.699	0.734	0.443	31.1	0.858	12.0	-0.715	1.589	-65.8	1.742
249095.6	843604.8	80.8	12.814	7.433	30.1	14.814	18.6	11.789	0.750	0.435	30.1	0.867	11.5	-0.721	1.586	-65.6	1.742
249095.0	843604.0	81.0	12.995	7.518	30.0	15.013	18.4	11.947	0.768	0.427	29.1	0.879	12.0	-0.675	1.611	-67.3	1.747
249094.4	843603.2	81.0	13.068	7.542	30.0	15.088	18.3	12.007	0.784	0.418	28.1	0.888	11.1	-0.701	1.596	-66.3	1.743
249093.8	843602.4	80.9	13.106	7.547	29.9	15.123	18.1	12.035	0.799	0.409	27.1	0.898	9.8	-0.750	1.569	-64.4	1.739
249093.2	843601.5	81.0	13.201	7.584	29.9	15.225	17.9	12.116	0.816	0.400	26.1	0.909	9.3	-0.759	1.562	-64.1	1.737
249092.7	843600.7	81.0	13.278	7.611	29.8	15.305	17.8	12.179	0.832	0.391	25.2	0.919	8.6	-0.781	1.550	-63.3	1.736
249092.1	843599.9	81.0	13.345	7.632	29.8	15.373	17.6	12.234	0.848	0.382	24.2	0.930	7.8	-0.810	1.535	-62.2	1.736
249091.5	843599.1	81.1	13.460	7.678	29.7	15.497	17.4	12.332	0.865	0.373	23.3	0.942	7.6	-0.804	1.535	-62.4	1.733
249090.9	843598.3	81.3	13.792	7.841	29.6	15.866	17.2	12.625	0.885	0.366	22.4	0.958	9.7	-0.639	1.600	-68.2	1.723
249090.3	843597.5	81.3	13.842	7.852	29.6	15.914	17.0	12.664	0.902	0.356	21.5	0.969	8.8	-0.678	1.579	-66.8	1.718
249089.7	843596.7	81.3	13.935	7.886	29.5	16.012	16.9	12.742	0.919	0.346	20.6	0.982	8.3	-0.686	1.571	-66.4	1.714
249089.2	843595.9	81.4	14.069	7.941	29.4	16.155	16.7	12.856	0.937	0.337	19.8	0.995	8.3	-0.663	1.573	-67.2	1.707
249088.6	843595.0	81.5	14.298	8.046	29.4	16.407	16.5	13.056	0.956	0.329	19.0	1.011	9.1	-0.567	1.599	-70.5	1.697
249088.0	843594.2	81.6	14.407	8.087	29.3	16.522	16.3	13.148	0.974	0.319	18.1	1.025	8.8	-0.562	1.594	-70.6	1.690
249087.4	843593.4	81.6	14.477	8.107	29.2	16.593	16.2	13.204	0.992	0.309	17.3	1.039	8.2	-0.588	1.578	-69.6	1.684
249086.8	843592.6	81.6	14.563	8.136	29.2	16.681	16.0	13.274	1.011	0.299	16.5	1.054	7.7	-0.602	1.567	-69.0	1.679
249086.2	843591.8	81.6	14.624	8.151	29.1	16.742	15.9	13.323	1.029	0.288	15.6	1.069	7.1	-0.636	1.551	-67.7	1.676
249085.7	843591.0	81.7	14.701	8.175	29.1	16.821	15.7	13.386	1.048	0.278	14.8	1.084	6.6	-0.659	1.538	-66.8	1.673
249085.1	843590.2	81.7	14.827	8.223	29.0	16.955	15.6	13.492	1.068	0.268	14.1	1.101	6.6	-0.644	1.535	-67.3	1.665
249084.5	843589.4	81.8	14.941	8.265	29.0	17.074	15.4	13.587	1.088	0.258	13.3	1.118	6.4	-0.638	1.530	-67.4	1.657
249083.9	843588.5	81.9	15.072	8.315	28.9	17.213	15.3	13.698	1.108	0.248	12.6	1.135	6.4	-0.618	1.527	-68.0	1.647
249083.3	843587.7	81.9	15.198	8.363	28.8	17.347	15.1	13.804	1.128	0.238	11.9	1.153	6.3	-0.602	1.522	-68.4	1.636
249082.7	843586.9	82.0	15.320	8.408	28.8	17.476	15.0	13.907	1.149	0.228	11.2	1.171	6.2	-0.589	1.515	-68.8	1.626
249082.2	843586.1	82.0	15.442	8.452	28.7	17.604	14.8	14.009	1.170	0.218	10.6	1.190	6.1	-0.576	1.508	-69.1	1.615
249081.6	843585.3	82.2	15.634	8.531	28.6	17.810	14.6	14.173	1.191	0.210	10.0	1.209	6.5	-0.503	1.511	-71.6	1.592
249081.0	843584.5	82.2	15.763	8.578	28.6	17.946	14.5	14.281	1.212	0.200	9.4	1.228	6.4	-0.483	1.502	-72.2	1.578
249080.4	843583.7	82.4	15.996	8.675	28.5	18.197	14.3	14.481	1.234	0.192	8.9	1.249	6.9	-0.371	1.506	-76.2	1.551
249079.8	843582.9	82.5	16.235	8.775	28.4	18.455	14.1	14.686	1.257	0.185	8.4	1.270	7.4	-0.253	1.507	-80.5	1.528
249079.2	843582.0	82.7	16.490	8.881	28.3	18.729	13.9	14.904	1.280	0.179	8.0	1.292	8.0	-0.120	1.508	-85.4	1.512
249078.7	843581.2	82.8	16.727	8.977	28.2	18.983	13.7	15.106	1.303	0.173	7.6	1.314	8.3	-0.001	1.503	-89.9	1.503
249078.1	843580.4	83.0	16.953	9.067	28.1	19.226	13.5	15.299	1.326	0.168	7.2	1.336	8.6	0.110	1.495	85.8	1.499
249077.5	843579.6	83.1	17.187	9.160	28.1	19.476	13.3	15.498	1.349	0.163	6.9	1.359	8.9	0.229	1.485	81.2	1.503
249076.9	843578.8	83.2	17.325	9.206	28.0	19.619	13.1	15.613	1.371	0.156	6.5	1.379	8.7	0.264	1.466	79.8	1.490
249076.3	843578.0	83.3	17.488	9.264	27.9	19.790	13.0	15.748	1.393	0.150	6.1	1.401	8.7	0.322	1.448	77.5	1.483
249075.7	843577.2	83.3	17.590	9.292	27.8	19.894	12.8	15.831	1.414	0.142	5.7	1.421	8.4	0.326	1.426	77.1	1.462
249075.2	843576.4	83.4	17.686	9.317	27.8	19.990	12.7	15.908	1.435	0.134	5.3	1.441	8.0	0.323	1.403	77.0	1.439
249074.6	843575.5	83.4	17.787	9.345	27.7	20.093	12.6	15.989	1.456	0.127	5.0	1.462	7.8	0.324	1.380	76.8	1.417
249074.0	843574.7	83.4	17.829	9.345	27.7	20.130	12.5	16.019	1.477	0.118	4.6	1.482	7.3	0.270	1.355	78.7	1.381
249073.4	843573.9	83.4	17.750	9.289	27.6	20.034	12.4	15.942	1.496	0.105	4.0	1.500	6.4	0.099	1.327	85.7	1.331
249072.8	843573.1	83.3	17.666	9.231	27.6	19.932	12.4	15.862	1.516	0.091	3.4	1.518	5.6	-0.083	1.302	-86.3	1.305
249072.2	843572.3	83.4	17.755	9.253	27.5	20.022	12.3	15.933	1.538	0.085	3.2	1.540	5.3	-0.103	1.282	-85.4	1.286
249071.7	843571.5	83.4	17.834	9.270	27.5	20.099	12.2	15.995	1.561	0.080	2.9	1.563	5.1	-0.136	1.262	-83.9	1.269
249071.1	843570.7	83.4	17.911	9.285	27.4	20.174	12.0	16.054	1.584	0.076	2.7	1.585	4.8	-0.173	1.242	-82.0	1.254
249070.5	843569.9	83.6	18.174	9.385	27.3	20.454	11.9	16.277	1.609	0.081	2.9	1.611	5.0	-0.028	1.222	-88.7	1.222
249069.9	843569.0	83.8	18.432	9.480	27.2	20.727	11.7	16.494	1.635	0.088	3.1	1.638	5.2	0.110	1.199	84.8	1.204
249069.3	843568.2	83.9	18.670	9.566	27.1	20.978	11.5	16.694	1.662	0.095	3.3	1.664	5.3	0.227	1.176	79.1	1.198
249068.7	843567.4	84.0	18.884	9.640	27.0	21.202	11.3	16.872	1.688	0.101	3.4	1.691	5.4	0.318	1.152	74.6	1.195
249068.2	843566.6	84.2	19.097	9.714	27.0	21.426	11.2	17.050	1.716	0.109	3.6	1.719	5.4	0.407	1.126	70.1	1.197
249067.6	843565.8	84.3	19.326	9.792	26.9	21.665	11.0	17.240	1.744	0.117	3.8	1.747	5.4	0.507	1.100	65.3	1.211
249067.0	843565.0	84.4	19.555	9.870	26.8	21.905	10.8	17.431	1.772	0.126	4.1	1.777	5.4	0.606	1.072	60.5	1.232
249066.4	843564.2	84.6	19.786	9.948	26.7	22.146	10.7	17.623	1.801	0.135	4.3	1.806	5.4	0.704	1.044	56.0	1.259
249065.8	843563.4	84.7	20.017	10.025	26.6	22.387	10.5	17.815	1.831	0.145	4.5	1.837	5.4	0.801	1.014	51.7	1.292
249065.2	843562.6	84.9	20.295	10.120	26.5	22.678	10.3	18.047	1.863	0.156	4.8	1.869	5.5	0.941	0.981	46.2	1.359
249064.7	843561.7	85.0	20.492	10.181	26.4	22.881	10.2	18.208	1.893	0.165	5.0	1.900	5.4	0.997	0.952	43.7	1.379
249064.1	843560.9	85.0	20.531	10.175	26.4	22.914	10.1	18.235	1.921	0.169	5.0	1.928	5.0	0.891	0.935	46.4	1.292

249063.5	843560.1	85.1	20.645	10.200	26.3	23.028	10.0	18.325	1.950	0.177	5.2	1.958	4.8	0.856	0.914	46.9	1.252
249062.9	843559.3	85.3	20.974	10.313	26.2	23.373	9.8	18.599	1.985	0.190	5.5	1.994	4.8	1.040	0.874	40.0	1.359
249062.3	843558.5	85.4	21.282	10.416	26.1	23.694	9.6	18.855	2.019	0.203	5.7	2.029	4.9	1.200	0.835	34.8	1.462
249061.7	843557.7	85.4	21.289	10.397	26.0	23.692	9.5	18.854	2.048	0.208	5.8	2.058	4.5	1.048	0.824	38.2	1.333
249061.2	843556.9	85.6	21.519	10.466	25.9	23.929	9.4	19.042	2.081	0.219	6.0	2.093	4.4	1.123	0.793	35.2	1.375
249060.6	843556.1	85.7	21.749	10.536	25.8	24.167	9.2	19.231	2.115	0.230	6.2	2.127	4.3	1.198	0.761	32.4	1.419
249060.0	843555.2	85.8	22.010	10.616	25.7	24.436	9.1	19.446	2.149	0.242	6.4	2.163	4.3	1.302	0.725	29.1	1.490
249059.4	843554.4	86.0	22.315	10.712	25.6	24.753	8.9	19.698	2.185	0.255	6.6	2.200	4.2	1.451	0.684	25.2	1.604
249058.8	843553.6	86.2	22.616	10.805	25.5	25.064	8.7	19.945	2.221	0.267	6.9	2.237	4.2	1.594	0.643	22.0	1.718
249058.2	843552.8	86.3	22.795	10.851	25.5	25.246	8.6	20.090	2.255	0.277	7.0	2.272	4.0	1.608	0.616	21.0	1.722
249057.7	843552.0	86.4	22.995	10.903	25.4	25.449	8.5	20.252	2.290	0.288	7.2	2.308	3.9	1.641	0.587	19.7	1.743
249057.1	843551.2	86.6	23.328	11.005	25.3	25.794	8.3	20.526	2.327	0.301	7.4	2.347	3.8	1.812	0.541	16.6	1.891
249056.5	843550.4	86.7	23.504	11.047	25.2	25.970	8.2	20.666	2.362	0.312	7.5	2.382	3.6	1.815	0.516	15.9	1.887
249055.9	843549.6	86.8	23.778	11.125	25.1	26.251	8.0	20.890	2.399	0.324	7.7	2.421	3.6	1.919	0.478	14.0	1.977
249055.3	843548.7	86.9	23.870	11.135	25.0	26.340	8.0	20.960	2.433	0.333	7.8	2.456	3.3	1.827	0.467	14.3	1.885
249054.7	843547.9	86.9	23.962	11.144	24.9	26.426	7.9	21.029	2.467	0.343	7.9	2.491	3.1	1.729	0.457	14.8	1.788
249054.2	843547.1	87.0	24.106	11.173	24.9	26.569	7.8	21.143	2.503	0.354	8.0	2.528	2.9	1.682	0.441	14.7	1.739
249053.6	843546.3	87.2	24.424	11.263	24.8	26.896	7.6	21.403	2.543	0.367	8.2	2.570	2.9	1.820	0.399	12.4	1.863
249053.0	843545.5	87.4	24.804	11.375	24.6	27.288	7.4	21.715	2.585	0.380	8.4	2.613	2.8	2.021	0.347	9.7	2.050
249052.4	843544.7	87.5	25.104	11.457	24.5	27.594	7.3	21.959	2.626	0.393	8.5	2.656	2.7	2.129	0.308	8.2	2.151
249051.8	843543.9	87.6	25.321	11.508	24.4	27.814	7.2	22.134	2.667	0.405	8.6	2.697	2.6	2.144	0.283	7.5	2.162
249051.2	843543.1	87.7	25.539	11.559	24.4	28.033	7.1	22.308	2.708	0.417	8.8	2.740	2.5	2.152	0.260	6.9	2.168
249050.7	843542.2	87.9	25.846	11.640	24.2	28.347	6.9	22.558	2.752	0.430	8.9	2.786	2.4	2.252	0.222	5.6	2.263
249050.1	843541.4	88.1	26.235	11.748	24.1	28.745	6.8	22.874	2.799	0.444	9.0	2.834	2.4	2.433	0.170	4.0	2.439
249049.5	843540.6	88.2	26.464	11.800	24.0	28.976	6.6	23.058	2.844	0.456	9.1	2.880	2.3	2.436	0.147	3.5	2.440
249048.9	843539.8	88.2	26.553	11.805	24.0	29.059	6.6	23.124	2.887	0.467	9.2	2.925	2.1	2.278	0.150	3.8	2.283
249048.3	843539.0	88.3	26.692	11.825	23.9	29.194	6.5	23.232	2.933	0.479	9.3	2.971	2.0	2.166	0.147	3.9	2.171
249047.7	843538.2	88.5	27.047	11.918	23.8	29.557	6.3	23.520	2.983	0.492	9.4	3.024	2.0	2.285	0.104	2.6	2.287
249047.2	843537.4	88.7	27.426	12.017	23.7	29.944	6.2	23.828	3.035	0.506	9.5	3.077	1.9	2.423	0.057	1.4	2.424
249046.6	843536.6	88.8	27.710	12.083	23.6	30.229	6.1	24.056	3.087	0.519	9.5	3.130	1.9	2.449	0.029	0.7	2.449
249046.0	843535.7	88.9	27.836	12.098	23.5	30.351	6.0	24.153	3.137	0.531	9.6	3.181	1.8	2.295	0.032	0.8	2.296
249045.4	843534.9	88.9	27.960	12.112	23.4	30.471	5.9	24.248	3.188	0.543	9.7	3.234	1.7	2.132	0.037	1.0	2.132
249044.8	843534.1	89.1	28.366	12.215	23.3	30.885	5.8	24.577	3.244	0.556	9.7	3.291	1.6	2.277	-0.013	-0.3	2.277
249044.2	843533.3	89.2	28.534	12.242	23.2	31.049	5.7	24.708	3.298	0.568	9.8	3.346	1.6	2.151	-0.015	-0.4	2.151
249043.7	843532.5	89.4	29.011	12.365	23.1	31.536	5.5	25.096	3.356	0.582	9.8	3.406	1.6	2.367	-0.078	-1.9	2.369
249043.1	843531.7	89.6	29.403	12.459	23.0	31.934	5.4	25.412	3.414	0.595	9.9	3.465	1.5	2.485	-0.124	-2.9	2.488
249042.5	843530.9	89.7	29.755	12.540	22.9	32.290	5.3	25.695	3.471	0.608	9.9	3.524	1.5	2.555	-0.161	-3.6	2.560
249041.9	843530.1	90.1	30.684	12.793	22.6	33.244	5.0	26.455	3.539	0.623	10.0	3.593	1.6	3.258	-0.313	-5.5	3.273
249041.3	843529.2	90.3	31.393	12.975	22.5	33.969	4.8	27.032	3.603	0.638	10.0	3.659	1.6	3.709	-0.419	-6.4	3.733
249040.7	843528.4	90.5	31.947	13.108	22.3	34.531	4.6	27.479	3.665	0.651	10.1	3.722	1.6	3.989	-0.495	-7.1	4.019
249040.2	843527.6	90.7	32.381	13.205	22.2	34.970	4.5	27.828	3.724	0.663	10.1	3.783	1.6	4.141	-0.547	-7.5	4.177
249039.6	843526.8	90.9	32.823	13.302	22.1	35.416	4.4	28.183	3.784	0.675	10.1	3.843	1.6	4.301	-0.601	-8.0	4.343
249039.0	843526.0	91.0	33.273	13.400	21.9	35.870	4.3	28.545	3.843	0.687	10.1	3.904	1.6	4.469	-0.655	-8.3	4.517
249038.4	843525.2	91.2	33.731	13.498	21.8	36.332	4.1	28.912	3.902	0.699	10.2	3.964	1.5	4.646	-0.711	-8.7	4.700
249037.8	843524.4	91.3	34.198	13.598	21.7	36.802	4.0	29.286	3.961	0.710	10.2	4.025	1.5	4.833	-0.767	-9.0	4.894
249037.2	843523.6	91.5	34.573	13.670	21.6	37.178	3.9	29.585	4.018	0.721	10.2	4.082	1.5	4.927	-0.806	-9.3	4.993
249036.7	843522.8	91.6	34.865	13.720	21.5	37.467	3.8	29.815	4.073	0.732	10.2	4.138	1.5	4.938	-0.829	-9.5	5.007
249036.1	843521.9	91.7	35.177	13.774	21.4	37.777	3.7	30.062	4.127	0.742	10.2	4.193	1.4	4.972	-0.855	-9.8	5.045
249035.5	843521.1	91.8	35.515	13.834	21.3	38.114	3.7	30.330	4.182	0.753	10.2	4.249	1.4	5.035	-0.886	-10.0	5.113
249034.9	843520.3	91.9	35.792	13.878	21.2	38.388	3.6	30.548	4.235	0.763	10.2	4.303	1.4	5.039	-0.905	-10.2	5.120
249034.3	843519.5	92.0	36.016	13.907	21.1	38.607	3.5	30.723	4.287	0.772	10.2	4.356	1.3	4.991	-0.914	-10.4	5.074
249033.7	843518.7	92.1	36.150	13.913	21.0	38.735	3.5	30.825	4.336	0.781	10.2	4.406	1.3	4.855	-0.906	-10.6	4.939
249033.2	843517.9	92.2	36.481	13.969	21.0	39.065	3.4	31.087	4.390	0.791	10.2	4.460	1.2	4.924	-0.936	-10.8	5.012
249032.6	843517.1	92.4	36.816	14.025	20.9	39.397	3.4	31.351	4.443	0.800	10.2	4.515	1.2	5.000	-0.965	-10.9	5.092
249032.0	843516.3	92.5	37.184	14.089	20.8	39.764	3.3	31.643	4.497	0.809	10.2	4.570	1.2	5.114	-1.001	-11.1	5.211
249031.4	843515.4	92.7	37.709	14.192	20.6	40.291	3.2	32.063	4.555	0.819	10.2	4.628	1.3	5.391	-1.067	-11.2	5.496
249030.8	843514.6	92.7	37.942	14.220	20.5	40.520	3.1	32.245	4.606	0.827	10.2	4.680	1.2	5.375	-1.078	-11.3	5.482
249030.2	843513.8	92.8	38.088	14.227	20.5	40.659	3.1	32.355	4.655	0.835	10.2	4.729	1.2	5.274	-1.074	-11.5	5.382
249029.7	843513.0	92.9	38.246	14.237	20.4	40.810	3.1	32.476	4.704	0.843	10.2	4.779	1.2	5.190	-1.072	-11.7	5.299
249029.1	843512.2	93.0	38.504	14.272	20.3	41.064	3.0	32.678	4.754	0.851	10.1	4.830	1.1	5.214	-1.089	-11.8	5.327
249028.5	843511.4	93.1	38.763	14.306	20.3	41.318	3.0	32.880	4.804	0.859	10.1	4.880	1.1	5.246	-1.107	-11.9	5.362
249027.9	843510.6	93.2	39.066	14.350	20.2	41.618	2.9	33.118	4.853	0.866	10.1	4.930	1.1	5.332	-1.133	-12.0	5.451
249027.3	843509.8	93.3	39.454	14.419	20.1	42.006	2.9	33.427	4.903	0.875	10.1	4.980	1.1	5.500	-1.221	-12.5	5.634
249026.7	843508.9	93.6	40.276	14.583	19.9	42.835	2.7	34.087	4.962	0.884	10.1	5.040	1.2	6.123	-1.341	-12.4	6.268
249026.2	843508.1	93.7	40.493	14.605	19.8	43.047	2.7	34.255	5.003	0.891	10.1	5.082	1.1	6.153	-1.353	-12.4	6.300
249025.6	843507.3	93.7	40.692	14.623	19.8	43.240	2.7	34.409	5.042	0.897	10.1	5.121	1.1	6.179	-1.361	-12.4	6.327
249025.0	843506.5	93.8	40.890	14.640	19.7	43.432	2.6	34.562	5.078	0.904	10.1	5.158	1.1	6.216	-1.370	-12.4	6.365
249024.4	843505.7	93.9	41.087	14.657	19.6	43.623	2.6	34.714	5.112	0.910	10.1	5.192	1.1	6.266	-1.378	-12.4	6.416
249023.8	843504.9	94.1	41.575	14.739	19.5	44.110	2.6	35.102	5.151	0.917	10.1	5.232	1.1	6.615	-1.438	-12.3	6.769
249023.2	843504.1	94.2	41.915	14.787	19.4	44.447	2.5	35.370	5.184	0.923	10.1	5.265	1.1	6.829	-1.472	-12.2	6.986
249022.7	843503.3	94.1	41.105	14.579	19.5	43.614	2.6	34.707	5.183	0.927	10.1	5.266	0.9	5.934	-1.305	-12.4	6.076
249022.1	843502.4	93.9	39.953	14.292	19.7	42.433	2.8	33.767	5.178	0.930	10.2	5.261	0.6	4.670	-1.069	-12.9	4.791
249021.5	843501.6	94.2	41.105	14.526	19.5	43.596	2.7	34.693	5.222	0.938	10.2	5.305	0.8	5.759	-1.256	-12.3	5.895
249020.9	843500.8	94.2	41.092	14.497	19.4	43.574	2.7	34.675	5.239	0.944	10.2	5.323	0.8	5.674	-1.230	-12.2	5.805
249020.3	843500.0	94.3	41.154	14.485	19.4	43.629	2.7	34.719	5.257	0.949	10.2	5.342	0.8	5.672	-1.218	-12.1	5.801
249019.7	843499.2	94.4	41.295	14.490	19.3	43.763	2.7	34.826	5.276	0.954	10.3	5.361	0.8	5.755	-1.220	-12.0	5.883
249019.2	843498.4	94.5	41.562	14.523	19.3	44.026	2.6	35.035	5.298	0.960	10.3	5.384	0.9	5.968	-1.246	-11.8	6.097
249018.6	843497.6	94.5	41.526	14.490	19.2	43.982	2.7	35.000	5.312	0.965	10.3	5.399	0.9	5.884	-1.217	-11.7	6.009
249018.0	843496.8	94.6	41.404	14.438	19.2	43.849	2.7	34.894	5.325	0.969	10.3	5.412	0.9	5.715	-1.174	-11.6	5.834
249017.4	843495.9	94.6	41.288	14.389	19.2	43.724	2.7	34.794	5.338	0.974	10.3	5.426	0.8	5.553	-1.132	-11.5	5.667
249016.8	843495.1	94.6	41.170	14.338	19.2	43.595	2.7	34.692	5.352	0.979	10.4	5.441	0.8	5.385	-1.090	-11.4	5.494
249016.2	843494.3	94.7	41.040	14.286	19.2	43.456	2.8	34.581	5.368	0.983	10.4	5.457	0.8	5.203	-1.046	-11.4	5.307
249015.7	843493.5	94.7	40.883	14.228	19.2	43.288	2.8	34.448	5.384	0.987	10.4	5.474	0.8	4.987	-0.997	-11.3	5.085
249015.1	843492.7	94.7	40.715	14.168	19.2	43.110	2.8	34.306	5.402	0.991	10.4	5.492	0.8	4.753	-0.947	-11.3	4.846
249014.5	843491.9	94.8	40.604	14.121	19.2	42.989	2.8	34.210	5.423	0.995	10.4	5.514	0.8	4.570	-0.908	-11.2	4.660
249013.9	843491.1	94.9	40.881	14.159	19.1	43.264	2.8	34.428	5.454	0.999	10.4	5.545	0.9	4.784	-0.944	-11.2	4.876
249013.3	843490.3	95.0	41.133	14.191	19.0	43.512	2.8	34.626	5.486	1.004	10.4	5.577	0.9	4.964	-0.975	-11.1	5.059

249012.7	843489.5	95.1	41.385	14.222	19.0	43.760	2.8	34.823	5.519	1.008	10.3	5.610	1.0	5.137	-1.007	-11.1	5.235
249012.2	843488.6	95.2	41.479	14.220	18.9	43.849	2.8	34.894	5.549	1.011	10.3	5.641	1.0	5.145	-1.011	-11.1	5.244
249011.6	843487.8	95.2	41.415	14.184	18.9	43.777	2.8	34.837	5.577	1.015	10.3	5.668	1.0	4.987	-0.985	-11.2	5.083
249011.0	843487.0	95.4	41.769	14.238	18.8	44.129	2.8	35.117	5.615	1.018	10.3	5.707	1.1	5.248	-1.039	-11.2	5.350
249010.4	843486.2	95.4	41.796	14.222	18.8	44.149	2.8	35.133	5.647	1.022	10.3	5.739	1.1	5.175	-1.033	-11.3	5.277
249009.8	843485.4	95.5	41.601	14.159	18.8	43.945	2.8	34.970	5.675	1.025	10.2	5.766	1.1	4.871	-0.987	-11.5	4.970
249009.2	843484.6	95.4	41.144	14.041	18.8	43.474	2.9	34.595	5.698	1.027	10.2	5.790	1.0	4.288	-0.893	-11.8	4.380
249008.7	843483.8	95.7	41.988	14.198	18.7	44.323	2.8	35.271	5.748	1.030	10.2	5.840	1.1	5.054	-1.045	-11.7	5.160
249008.1	843483.0	95.9	42.763	14.338	18.5	45.103	2.7	35.892	5.797	1.033	10.1	5.889	1.3	5.734	-1.181	-11.6	5.854
249007.5	843482.1	96.0	43.310	14.429	18.4	45.650	2.7	36.328	5.841	1.036	10.1	5.932	1.3	6.181	-1.276	-11.7	6.311
249006.9	843481.3	96.2	43.864	14.521	18.3	46.205	2.7	36.769	5.884	1.038	10.0	5.975	1.4	6.635	-1.372	-11.7	6.776
249006.3	843480.5	96.3	44.068	14.541	18.3	46.405	2.7	36.928	5.914	1.040	10.0	6.005	1.4	6.756	-1.408	-11.8	6.901
249005.7	843479.7	96.3	43.873	14.481	18.3	46.201	2.7	36.766	5.931	1.041	10.0	6.022	1.4	6.501	-1.378	-12.0	6.646
249005.2	843478.9	96.4	43.791	14.444	18.3	46.112	2.7	36.695	5.949	1.042	9.9	6.039	1.3	6.368	-1.369	-12.1	6.513
249004.6	843478.1	96.5	44.115	14.489	18.2	46.434	2.7	36.951	5.974	1.043	9.9	6.064	1.4	6.646	-1.433	-12.2	6.799
249004.0	843477.3	96.7	44.440	14.534	18.1	46.756	2.7	37.207	5.995	1.044	9.9	6.085	1.4	6.940	-1.499	-12.2	7.100
249003.4	843476.5	96.8	44.762	14.578	18.0	47.076	2.7	37.462	6.012	1.044	9.9	6.102	1.5	7.247	-1.566	-12.2	7.414
249002.8	843475.6	96.9	44.919	14.589	18.0	47.228	2.7	37.583	6.021	1.044	9.8	6.111	1.5	7.414	-1.607	-12.2	7.586
249002.2	843474.8	97.0	45.052	14.595	18.0	47.357	2.7	37.685	6.025	1.044	9.8	6.114	1.5	7.579	-1.646	-12.3	7.755
249001.7	843474.0	97.0	45.016	14.570	17.9	47.315	2.7	37.652	6.019	1.043	9.8	6.108	1.5	7.605	-1.661	-12.3	7.784
249001.1	843473.2	97.1	44.763	14.501	18.0	47.053	2.8	37.444	6.002	1.042	9.8	6.092	1.4	7.444	-1.642	-12.4	7.623
249000.5	843472.4	97.1	44.506	14.432	18.0	46.787	2.8	37.232	5.982	1.040	9.9	6.071	1.4	7.299	-1.624	-12.5	7.478
248999.9	843471.6	97.2	44.245	14.363	18.0	46.518	2.9	37.018	5.958	1.038	9.9	6.048	1.3	7.171	-1.609	-12.6	7.349
248999.3	843470.8	97.2	44.109	14.319	18.0	46.375	2.9	36.904	5.935	1.036	9.9	6.025	1.3	7.180	-1.616	-12.7	7.360
248998.7	843470.0	97.3	44.175	14.314	18.0	46.436	2.9	36.952	5.915	1.034	9.9	6.005	1.4	7.401	-1.660	-12.6	7.585
248998.2	843469.1	97.3	43.898	14.242	18.0	46.150	2.9	36.725	5.883	1.031	9.9	5.972	1.3	7.310	-1.649	-12.7	7.493
248997.6	843468.3	97.3	43.212	14.089	18.1	45.451	3.0	36.169	5.836	1.027	10.0	5.925	1.2	6.835	-1.569	-12.9	7.012
248997.0	843467.5	97.3	42.846	14.000	18.1	45.076	3.0	35.870	5.796	1.023	10.0	5.886	1.2	6.684	-1.546	-13.0	6.861
248996.4	843466.7	97.4	42.944	14.003	18.1	45.169	3.1	35.944	5.768	1.020	10.0	5.857	1.2	7.003	-1.604	-12.9	7.185
248995.8	843465.9	97.4	42.476	13.893	18.1	44.690	3.1	35.563	5.720	1.016	10.1	5.810	1.2	6.778	-1.566	-13.0	6.957
248995.2	843465.1	97.6	42.621	13.907	18.1	44.832	3.1	35.677	5.690	1.012	10.1	5.779	1.3	7.169	-1.635	-12.9	7.353
248994.7	843464.3	97.7	42.732	13.913	18.0	44.939	3.1	35.762	5.657	1.008	10.1	5.746	1.3	7.530	-1.699	-12.7	7.720
248994.1	843463.5	97.7	42.286	13.809	18.1	44.483	3.2	35.399	5.606	1.004	10.2	5.695	1.3	7.358	-1.668	-12.8	7.545
248993.5	843462.6	97.6	41.523	13.640	18.2	43.706	3.2	34.780	5.544	0.999	10.2	5.633	1.2	6.876	-1.580	-12.9	7.055
248992.9	843461.8	97.6	40.865	13.491	18.3	43.035	3.3	34.246	5.486	0.994	10.3	5.575	1.1	6.491	-1.510	-13.1	6.665
248992.3	843461.0	97.6	40.568	13.416	18.3	42.729	3.3	34.002	5.439	0.990	10.3	5.529	1.1	6.468	-1.503	-13.1	6.640
248991.7	843460.2	97.7	40.269	13.340	18.3	42.422	3.3	33.758	5.394	0.985	10.3	5.483	1.1	6.440	-1.495	-13.1	6.612
248991.2	843459.4	97.7	40.087	13.288	18.3	42.232	3.3	33.607	5.353	0.981	10.4	5.442	1.2	6.526	-1.508	-13.0	6.698
248990.6	843458.6	97.8	40.017	13.260	18.3	42.157	3.4	33.548	5.318	0.977	10.4	5.407	1.2	6.720	-1.541	-12.9	6.894
248990.0	843457.8	97.8	39.560	13.152	18.4	41.689	3.4	33.175	5.272	0.972	10.5	5.360	1.2	6.512	-1.501	-13.0	6.683
248989.4	843457.0	97.8	39.245	13.073	18.4	41.365	3.4	32.918	5.232	0.968	10.5	5.321	1.2	6.438	-1.485	-13.0	6.607
248988.8	843456.1	97.9	39.013	13.012	18.4	41.126	3.4	32.727	5.197	0.965	10.5	5.286	1.2	6.436	-1.483	-13.0	6.605
248988.2	843455.3	97.9	38.715	12.936	18.5	40.819	3.5	32.483	5.162	0.961	10.5	5.251	1.2	6.353	-1.466	-13.0	6.519
248987.7	843454.5	97.9	38.317	12.840	18.5	40.411	3.5	32.158	5.127	0.958	10.6	5.216	1.2	6.149	-1.427	-13.1	6.313
248987.1	843453.7	98.0	37.891	12.737	18.6	39.974	3.5	31.810	5.095	0.955	10.6	5.184	1.1	5.897	-1.380	-13.2	6.056
248986.5	843452.9	98.0	37.463	12.633	18.6	39.536	3.6	31.462	5.066	0.952	10.6	5.155	1.1	5.621	-1.330	-13.3	5.776
248985.9	843452.1	98.0	37.156	12.555	18.7	39.220	3.6	31.211	5.045	0.950	10.7	5.133	1.1	5.450	-1.299	-13.4	5.603
248985.3	843451.3	98.1	37.102	12.532	18.7	39.162	3.6	31.164	5.035	0.948	10.7	5.124	1.1	5.526	-1.317	-13.4	5.680
248984.7	843450.5	98.2	37.331	12.570	18.6	39.390	3.6	31.346	5.039	0.947	10.6	5.127	1.2	5.877	-1.388	-13.3	6.039
248984.2	843449.7	98.4	37.491	12.593	18.6	39.549	3.6	31.472	5.044	0.946	10.6	5.132	1.3	6.132	-1.442	-13.2	6.299
248983.6	843448.8	98.4	37.179	12.515	18.6	39.229	3.6	31.217	5.037	0.945	10.6	5.125	1.2	5.872	-1.401	-13.4	6.037
248983.0	843448.0	98.5	36.912	12.446	18.6	38.953	3.6	30.998	5.035	0.945	10.6	5.123	1.2	5.636	-1.366	-13.6	5.799
248982.4	843447.2	98.6	37.031	12.462	18.6	39.071	3.6	31.092	5.048	0.945	10.6	5.136	1.3	5.787	-1.406	-13.7	5.955
248981.8	843446.4	98.8	37.570	12.567	18.5	39.616	3.6	31.525	5.078	0.946	10.5	5.166	1.4	6.357	-1.525	-13.5	6.537
248981.2	843445.6	99.0	37.988	12.645	18.4	40.038	3.6	31.861	5.107	0.947	10.5	5.194	1.5	6.774	-1.617	-13.4	6.965
248980.7	843444.8	99.2	38.404	12.722	18.3	40.456	3.6	32.194	5.139	0.948	10.5	5.226	1.6	7.167	-1.705	-13.4	7.367
248980.1	843444.0	99.3	38.514	12.735	18.3	40.565	3.6	32.280	5.161	0.949	10.4	5.248	1.6	7.235	-1.735	-13.5	7.440
248979.5	843443.2	99.3	38.134	12.645	18.3	40.176	3.7	31.971	5.167	0.949	10.4	5.254	1.5	6.795	-1.671	-13.8	6.997
248978.9	843442.3	99.4	37.968	12.601	18.4	40.005	3.7	31.835	5.184	0.950	10.4	5.270	1.5	6.558	-1.646	-14.1	6.761
248978.3	843441.5	99.6	38.398	12.682	18.3	40.438	3.7	32.180	5.221	0.951	10.3	5.307	1.5	6.921	-1.734	-14.1	7.135
248977.7	843440.7	99.7	38.405	12.674	18.3	40.443	3.7	32.183	5.244	0.952	10.3	5.330	1.5	6.847	-1.743	-14.3	7.065
248977.2	843439.9	99.8	38.471	12.678	18.2	40.506	3.7	32.234	5.268	0.952	10.2	5.354	1.5	6.829	-1.762	-14.5	7.053
248976.6	843439.1	100.0	38.701	12.717	18.2	40.737	3.7	32.417	5.297	0.953	10.2	5.382	1.5	6.981	-1.813	-14.6	7.212
248976.0	843438.3	100.3	39.462	12.866	18.1	41.507	3.7	33.030	5.340	0.954	10.1	5.425	1.6	7.669	-1.961	-14.3	7.916
248975.4	843437.5	100.5	40.086	12.984	17.9	42.136	3.7	33.531	5.377	0.954	10.1	5.461	1.7	8.216	-2.082	-14.2	8.476
248974.8	843436.7	100.6	39.925	12.943	18.0	41.971	3.7	33.399	5.382	0.954	10.0	5.466	1.6	8.007	-2.064	-14.5	8.269
248974.2	843435.8	100.7	40.204	12.991	17.9	42.251	3.8	33.622	5.398	0.953	10.0	5.481	1.6	8.242	-2.126	-14.5	8.512
248973.7	843435.0	100.9	40.302	13.003	17.9	42.348	3.8	33.699	5.402	0.953	10.0	5.486	1.6	8.319	-2.156	-14.5	8.594
248973.1	843434.2	101.0	40.396	13.013	17.9	42.441	3.8	33.773	5.402	0.952	10.0	5.485	1.6	8.410	-2.188	-14.6	8.690
248972.5	843433.4	101.2	40.908	13.108	17.8	42.957	3.8	34.184	5.411	0.952	10.0	5.494	1.7	8.923	-2.292	-14.4	9.213
248971.9	843432.6	101.4	41.295	13.178	17.7	43.346	3.8	34.494	5.413	0.951	10.0	5.496	1.8	9.331	-2.376	-14.3	9.629
248971.3	843431.8	101.4	40.608	13.033	17.8	42.649	3.8	33.939	5.370	0.948	10.0	5.453	1.6	8.742	-2.281	-14.6	9.035
248970.7	843431.0	101.4	40.122	12.927	17.9	42.153	3.9	33.545	5.332	0.946	10.1	5.415	1.5	8.355	-2.220	-14.9	8.645
248970.2	843430.2	101.5	39.710	12.835	17.9	41.733	3.9	33.210	5.294	0.943	10.1	5.377	1.4	8.055	-2.173	-15.1	8.343
248969.6	843429.3	101.5	39.264	12.736	18.0	41.278	3.9	32.848	5.253	0.940	10.1	5.336	1.4	7.736	-2.122	-15.3	8.021
248969.0	843428.5	101.6	39.097	12.695	18.0	41.107	3.9	32.712	5.219	0.936	10.2	5.303	1.4	7.710	-2.122	-15.4	7.996
248968.4	843427.7	101.7	38.890	12.645	18.0	40.894	3.9	32.543	5.183	0.933	10.2	5.266	1.4	7.659	-2.118	-15.5	7.946
248967.8	843426.9	101.8	38.650	12.588	18.0	40.648	3.9	32.347	5.144	0.928	10.2	5.227	1.3	7.590	-2.110	-15.5	7.877
248967.2	843426.1	101.9	38.784	12.610	18.0	40.783	3.9	32.454	5.116	0.925	10.2	5.199	1.4	7.910	-2.171	-15.4	8.202
248966.7	843425.3	102.0	38.770	12.600	18.0	40.766	3.9	32.441	5.083	0.920	10.3	5.165	1.5	8.093	-2.208	-15.3	8.389
248966.1	843424.5	102.1	38.248	12.485	18.1	40.234	3.9	32.017	5.030	0.915	10.3	5.112	1.4	7.782	-2.156	-15.5	8.075
248965.5	843423.7	102.1	38.061	12.465	18.1	40.050	3.9	31.871	4.994	0.913	10.4	5.076	1.4	7.619	-2.106	-15.5	7.904
248964.9	843422.8	102.2	37.531	12.347	18.2	39.509	3.9	31.441	4.939	0.908	10.4	5.021	1.3	7.315	-2.053	-15.7	7.597
248964.3	843422.0	102.2	37.183	12.267	18.3	39.155	3.9	31.158	4.889	0.902	10.5	4.971	1.3	7.205	-2.036	-15.8	7.487
248963.7	843421.2	102.3	36.953	12.213	18.3	38.919	3.9	30.971	4.842	0.896	10.5	4.925	1.3	7.223	-2.041	-15.8	7.506
248963.2	843420.4	102.4	36.839	12.183	18.3	38.801	3.9	30.877	4.800	0.891	10.5	4.881	1.4	7.368	-2.070	-15.7	7.653
248962.6	843419.6	102.6	37.130	12.240	18.2	39.095	3.9	31.111	4.771	0.886	10.5	4.853	1.5	7.930	-2.177	-15.3	8.224

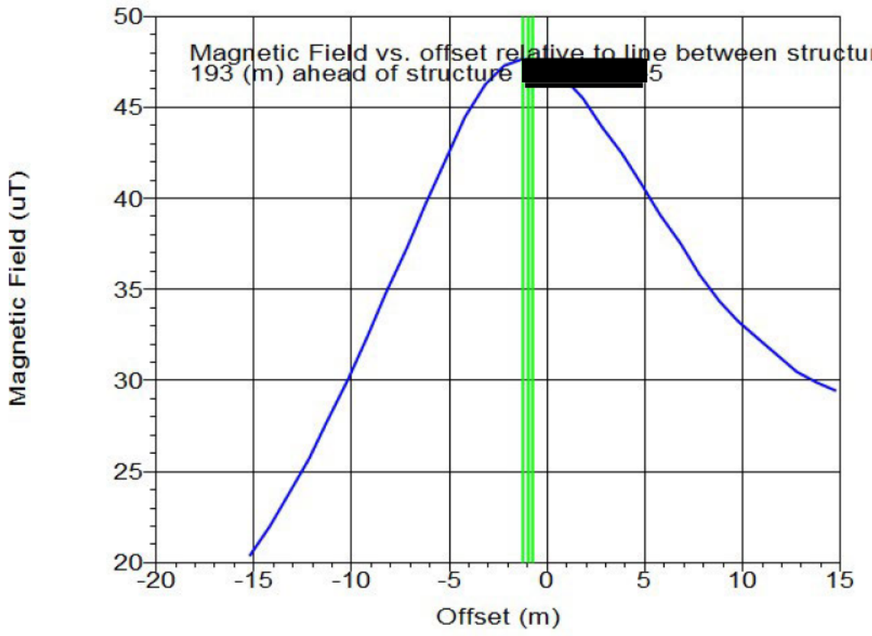
248962.0	843418.8	102.6	36.786	12.161	18.3	38.744	3.9	30.831	4.720	0.880	10.6	4.802	1.5	7.853	-2.165	-15.4	8.146
248961.4	843418.0	102.7	36.291	12.049	18.4	38.239	3.9	30.430	4.664	0.873	10.6	4.745	1.5	7.627	-2.125	-15.6	7.917
248960.8	843417.2	102.7	35.805	11.938	18.4	37.743	3.9	30.035	4.608	0.866	10.6	4.689	1.4	7.409	-2.087	-15.7	7.697
248960.2	843416.3	102.8	35.545	11.877	18.5	37.477	3.9	29.823	4.561	0.860	10.7	4.641	1.4	7.426	-2.093	-15.7	7.715
248959.7	843415.5	102.8	35.272	11.812	18.5	37.197	3.9	29.600	4.513	0.853	10.7	4.593	1.4	7.432	-2.096	-15.8	7.722
248959.1	843414.7	102.8	34.684	11.676	18.6	36.596	3.9	29.123	4.454	0.846	10.8	4.533	1.4	7.109	-2.038	-16.0	7.395
248958.5	843413.9	102.9	34.367	11.601	18.7	36.272	3.9	28.865	4.404	0.840	10.8	4.484	1.4	7.070	-2.033	-16.0	7.356
248957.9	843413.1	103.0	34.263	11.573	18.7	36.165	3.9	28.779	4.363	0.834	10.8	4.442	1.4	7.256	-2.070	-15.9	7.546
248957.3	843412.3	103.1	33.905	11.488	18.7	35.799	3.9	28.488	4.313	0.827	10.9	4.391	1.4	7.173	-2.057	-16.0	7.462
248956.7	843411.5	103.1	33.534	11.399	18.8	35.418	3.9	28.185	4.263	0.820	10.9	4.341	1.4	7.073	-2.040	-16.1	7.361
248956.2	843410.7	103.2	33.166	11.311	18.8	35.042	3.9	27.885	4.214	0.814	10.9	4.292	1.4	6.972	-2.023	-16.2	7.260
248955.6	843409.9	103.2	32.802	11.223	18.9	34.669	3.8	27.589	4.166	0.807	11.0	4.243	1.4	6.871	-2.007	-16.3	7.158
248955.0	843409.0	103.3	32.428	11.132	18.9	34.286	3.8	27.284	4.119	0.800	11.0	4.196	1.4	6.754	-1.988	-16.4	7.040
248954.4	843408.2	103.3	32.108	11.054	19.0	33.958	3.8	27.023	4.075	0.794	11.0	4.152	1.4	6.689	-1.979	-16.5	6.975
248953.8	843407.4	103.4	31.724	10.960	19.1	33.564	3.8	26.710	4.031	0.787	11.1	4.107	1.4	6.546	-1.956	-16.6	6.832
248953.2	843406.6	103.4	31.316	10.859	19.1	33.145	3.8	26.376	3.987	0.781	11.1	4.063	1.3	6.369	-1.926	-16.8	6.653
248952.7	843405.8	103.4	30.913	10.760	19.2	32.732	3.7	26.048	3.944	0.774	11.1	4.020	1.3	6.188	-1.897	-17.0	6.472
248952.1	843405.0	103.4	30.419	10.637	19.3	32.226	3.7	25.644	3.901	0.767	11.1	3.975	1.2	5.895	-1.845	-17.4	6.177
248951.5	843404.2	103.5	30.090	10.554	19.3	31.888	3.7	25.375	3.863	0.761	11.1	3.937	1.2	5.780	-1.829	-17.6	6.062
248950.9	843403.4	103.5	29.833	10.488	19.4	31.623	3.7	25.165	3.829	0.755	11.2	3.903	1.2	5.740	-1.829	-17.7	6.025
248950.3	843402.5	103.6	29.577	10.422	19.4	31.360	3.6	24.955	3.795	0.749	11.2	3.869	1.2	5.696	-1.827	-17.8	5.982
248949.7	843401.7	103.7	29.369	10.367	19.4	31.145	3.6	24.785	3.764	0.744	11.2	3.837	1.2	5.701	-1.836	-17.8	5.989
248949.2	843400.9	103.8	29.235	10.331	19.5	31.007	3.6	24.674	3.735	0.738	11.2	3.808	1.2	5.788	-1.860	-17.8	6.079
248948.6	843400.1	103.9	29.109	10.297	19.5	30.876	3.6	24.571	3.707	0.733	11.2	3.779	1.2	5.878	-1.886	-17.8	6.174
248948.0	843399.3	103.9	28.749	10.205	19.5	30.507	3.6	24.276	3.673	0.727	11.2	3.744	1.2	5.692	-1.857	-18.1	5.987
248947.4	843398.5	104.0	28.547	10.151	19.6	30.298	3.5	24.110	3.644	0.722	11.2	3.714	1.2	5.684	-1.863	-18.1	5.982
248946.8	843397.7	104.1	28.345	10.098	19.6	30.090	3.5	23.944	3.614	0.717	11.2	3.685	1.2	5.673	-1.868	-18.2	5.973
248946.2	843396.9	104.2	28.133	10.042	19.6	29.871	3.5	23.771	3.585	0.711	11.2	3.655	1.2	5.646	-1.870	-18.3	5.948
248945.7	843396.0	104.3	27.943	9.991	19.7	29.675	3.5	23.615	3.557	0.706	11.2	3.626	1.2	5.641	-1.876	-18.4	5.945
248945.1	843395.2	104.4	27.685	9.923	19.7	29.410	3.5	23.404	3.527	0.701	11.2	3.596	1.1	5.552	-1.865	-18.6	5.857
248944.5	843394.4	104.4	27.374	9.840	19.8	29.089	3.4	23.148	3.496	0.696	11.3	3.564	1.1	5.393	-1.840	-18.8	5.699
248943.9	843393.6	104.5	27.139	9.778	19.8	28.847	3.4	22.955	3.467	0.691	11.3	3.535	1.1	5.323	-1.832	-19.0	5.629
248943.3	843392.8	104.6	26.946	9.725	19.8	28.647	3.4	22.797	3.440	0.686	11.3	3.507	1.1	5.299	-1.833	-19.1	5.607
248942.7	843392.0	104.6	26.691	9.657	19.9	28.385	3.3	22.588	3.411	0.681	11.3	3.478	1.0	5.197	-1.818	-19.3	5.506
248942.2	843391.2	104.7	26.431	9.587	19.9	28.116	3.3	22.374	3.382	0.676	11.3	3.449	1.0	5.083	-1.800	-19.5	5.392
248941.6	843390.4	104.7	26.150	9.511	20.0	27.826	3.3	22.143	3.353	0.671	11.3	3.419	0.9	4.938	-1.776	-19.8	5.248
248941.0	843389.5	104.8	25.854	9.430	20.0	27.520	3.2	21.900	3.324	0.666	11.3	3.390	0.9	4.771	-1.746	-20.1	5.080
248940.4	843388.7	104.9	25.729	9.395	20.1	27.390	3.2	21.797	3.299	0.661	11.3	3.364	0.9	4.812	-1.758	-20.1	5.123
248939.8	843387.9	105.0	25.460	9.322	20.1	27.113	3.2	21.576	3.271	0.656	11.3	3.336	0.9	4.669	-1.733	-20.4	4.980
248939.2	843387.1	105.0	25.151	9.237	20.2	26.793	3.1	21.321	3.242	0.651	11.4	3.307	0.8	4.467	-1.696	-20.8	4.778
248938.7	843386.3	105.1	25.000	9.194	20.2	26.637	3.1	21.197	3.218	0.647	11.4	3.282	0.8	4.464	-1.698	-20.8	4.776
248938.1	843385.5	105.2	24.838	9.149	20.2	26.470	3.1	21.064	3.193	0.643	11.4	3.257	0.8	4.440	-1.695	-20.9	4.753
248937.5	843384.7	105.3	24.668	9.101	20.3	26.293	3.1	20.923	3.169	0.638	11.4	3.233	0.8	4.399	-1.689	-21.0	4.712
248936.9	843383.9	105.4	24.518	9.058	20.3	26.138	3.0	20.800	3.146	0.634	11.4	3.209	0.8	4.378	-1.687	-21.1	4.692
248936.3	843383.0	105.5	24.325	9.004	20.3	25.938	3.0	20.641	3.123	0.630	11.4	3.186	0.8	4.294	-1.671	-21.3	4.608
248935.7	843382.2	105.5	24.073	8.933	20.4	25.677	3.0	20.433	3.099	0.626	11.4	3.162	0.8	4.123	-1.638	-21.7	4.436
248935.2	843381.4	105.6	23.822	8.862	20.4	25.417	2.9	20.226	3.076	0.622	11.4	3.139	0.7	3.945	-1.604	-22.1	4.258
248934.6	843380.6	105.7	23.611	8.802	20.4	25.198	2.9	20.052	3.056	0.618	11.4	3.118	0.7	3.807	-1.578	-22.5	4.121
248934.0	843379.8	105.9	23.692	8.823	20.4	25.282	2.9	20.119	3.043	0.615	11.4	3.104	0.8	4.047	-1.628	-21.9	4.362
248933.4	843379.0	106.1	23.748	8.838	20.4	25.340	2.9	20.165	3.031	0.612	11.4	3.092	0.8	4.241	-1.669	-21.5	4.558
248932.8	843378.2	106.2	23.490	8.756	20.4	25.069	2.7	19.949	3.005	0.601	11.3	3.064	0.8	4.240	-1.768	-22.6	4.594
248932.2	843377.4	106.2	23.278	8.696	20.5	24.849	2.7	19.775	2.989	0.597	11.3	3.048	0.8	4.061	-1.735	-23.1	4.416
248931.7	843376.6	106.4	23.296	8.700	20.5	24.867	2.7	19.789	2.979	0.594	11.3	3.038	0.8	4.171	-1.759	-22.9	4.527
248931.1	843375.7	106.6	23.249	8.685	20.5	24.818	2.6	19.750	2.970	0.591	11.3	3.028	0.8	4.183	-1.764	-22.9	4.540
248930.5	843374.9	106.7	23.181	8.666	20.5	24.748	2.6	19.693	2.961	0.589	11.2	3.019	0.8	4.154	-1.761	-23.0	4.512
248929.9	843374.1	107.0	23.399	8.726	20.5	24.973	2.6	19.873	2.960	0.587	11.2	3.017	0.9	4.484	-1.829	-22.2	4.842
248929.3	843373.3	107.2	23.453	8.741	20.4	25.029	2.6	19.917	2.956	0.586	11.2	3.013	0.9	4.584	-1.851	-22.0	4.944
248928.7	843372.5	107.3	23.370	8.717	20.5	24.942	2.6	19.848	2.950	0.584	11.2	3.007	0.9	4.495	-1.835	-22.2	4.855
248928.2	843371.7	107.4	23.283	8.692	20.5	24.853	2.6	19.777	2.944	0.582	11.2	3.001	0.8	4.386	-1.815	-22.5	4.747
248927.6	843370.9	107.6	23.302	8.697	20.5	24.872	2.6	19.793	2.943	0.580	11.2	3.000	0.8	4.396	-1.819	-22.5	4.758
248927.0	843370.1	107.8	23.330	8.705	20.5	24.901	2.6	19.816	2.944	0.580	11.1	3.001	0.8	4.401	-1.821	-22.5	4.763
248926.4	843369.2	108.0	23.271	8.688	20.5	24.840	2.5	19.767	2.944	0.579	11.1	3.000	0.8	4.276	-1.799	-22.8	4.639
248925.8	843368.4	108.2	23.408	8.726	20.4	24.982	2.5	19.880	2.951	0.579	11.1	3.007	0.8	4.382	-1.822	-22.6	4.746
248925.2	843367.6	108.5	23.567	8.771	20.4	25.147	2.6	20.011	2.961	0.579	11.1	3.017	0.9	4.495	-1.846	-22.3	4.859
248924.7	843366.8	108.7	23.726	8.816	20.4	25.311	2.6	20.142	2.972	0.580	11.0	3.029	0.9	4.585	-1.867	-22.2	4.950
248924.1	843366.0	109.0	23.923	8.872	20.3	25.515	2.6	20.304	2.987	0.581	11.0	3.043	0.9	4.700	-1.894	-21.9	5.067
248923.5	843365.2	109.3	24.233	8.959	20.3	25.836	2.6	20.559	3.008	0.583	11.0	3.064	0.9	4.930	-1.943	-21.5	5.299
248922.9	843364.4	109.7	24.643	9.074	20.2	26.260	2.7	20.897	3.033	0.585	10.9	3.089	1.0	5.253	-2.011	-21.0	5.625
248922.3	843363.6	110.0	25.030	9.182	20.1	26.661	2.7	21.216	3.060	0.588	10.9	3.115	1.0	5.524	-2.070	-20.5	5.899
248921.7	843362.7	110.3	25.401	9.285	20.1	27.045	2.8	21.522	3.087	0.591	10.8	3.143	1.0	5.751	-2.119	-20.2	6.129
248921.2	843361.9	110.8	26.033	9.460	20.0	27.699	2.9	22.042	3.124	0.595	10.8	3.180	1.1	6.250	-2.222	-19.6	6.633
248920.6	843361.1	111.2	26.570	9.608	19.9	28.254	3.0	22.484	3.158	0.600	10.7	3.215	1.2	6.613	-2.298	-19.2	7.001
248920.0	843360.3	111.3	26.551	9.604	19.9	28.234	3.0	22.468	3.174	0.601	10.7	3.230	1.1	6.353	-2.251	-19.5	6.740
248919.4	843359.5	111.8	27.228	9.789	19.8	28.934	3.1	23.025	3.214	0.606	10.7	3.270	1.2	6.833	-2.349	-19.0	7.226
248918.8	843358.7	112.1	27.707	9.920	19.7	29.430	3.2	23.419	3.246	0.611	10.7	3.303	1.2	7.081	-2.400	-18.7	7.477
248918.2	843357.9	112.7	28.793	10.212	19.5	30.551	3.4	24.311	3.302	0.619	10.6	3.360	1.4	7.928	-2.567	-17.9	8.333
248917.7	843357.1	112.9	28.813	10.221	19.5	30.572	3.4	24.329	3.317	0.621	10.6	3.374	1.3	7.680	-2.520	-18.2	8.083
248917.1	843356.2	113.0	28.701	10.194	19.6	30.458	3.4	24.237	3.326	0.623	10.6	3.384	1.2	7.291	-2.446	-18.5	7.690
248916.5	843355.4	113.3	28.834	10.233	19.5	30.596	3.4	24.347	3.344	0.626	10.6	3.402	1.1	7.143	-2.418	-18.7	7.541
248915.9	843354.6	113.5	28.994	10.279	19.5	30.763	3.4	24.480	3.363	0.629	10.6	3.421	1.1	7.019	-2.394	-18.8	7.416
248915.3	843353.8	113.8	29.257	10.353	19.5	31.034	3.5	24.696	3.384	0.633	10.6	3.442	1.0	6.995	-2.388	-18.8	7.391
248914.7	843353.0	114.1	29.608	10.450	19.4	31.398	3.5	24.986	3.407	0.638	10.6	3.466	1.0	7.057	-2.398	-18.8	7.453
248914.2	843352.2	114.5	30.015	10.562	19.4	31.819	3.6	25.321	3.431	0.643	10.6	3.491	1.1	7.171	-2.417	-18.6	7.567
248913.6	843351.4	114.8	30.418	10.673	19.3	32.236	3.7	25.653	3.454	0.648	10.6	3.514	1.1	7.277	-2.435	-18.5	7.673
248913.0	843350.6	115.1	30.952	10.819	19.3	32.788	3.9	26.092	3.480	0.654	10.6	3.541	1.2	7.507	-2.476	-18.3	7.904
248912.4	843349.7	115.5	31.529	10.977	19.2	33.385	4.0	26.567	3.507	0.660	10.7	3.568	1.3	7.772	-2.524	-18.0	8.172
248911.8	843348.9	115.9	32.039	11.117	19.1	33.913	4.1	26.987	3.530	0.665	10.7	3.592	1.3	7.971	-2.559	-17.8	8.372

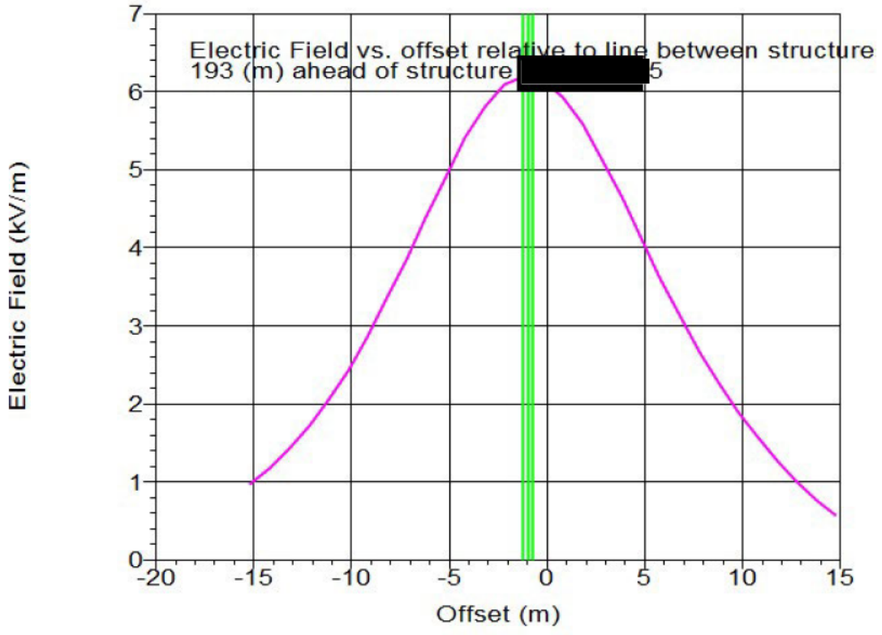
248911.2	843348.1	116.2	32.556	11.258	19.1	34.448	4.3	27.413	3.553	0.670	10.7	3.615	1.4	8.174	-2.595	-17.6	8.576
248910.7	843347.3	116.6	33.052	11.395	19.0	34.961	4.4	27.821	3.573	0.676	10.7	3.637	1.5	8.356	-2.628	-17.5	8.760
248910.1	843346.5	116.8	33.295	11.466	19.0	35.214	4.5	28.023	3.583	0.679	10.7	3.647	1.5	8.316	-2.617	-17.5	8.718
248909.5	843345.7	117.1	33.336	11.485	19.0	35.259	4.5	28.058	3.585	0.681	10.8	3.649	1.5	8.102	-2.573	-17.6	8.500
248908.9	843344.9	117.4	33.710	11.591	19.0	35.647	4.6	28.367	3.597	0.685	10.8	3.662	1.5	8.194	-2.590	-17.5	8.594
248908.3	843344.1	117.8	34.539	11.817	18.9	36.504	4.8	29.049	3.624	0.691	10.8	3.689	1.7	8.692	-2.687	-17.2	9.098
248907.7	843343.2	118.2	35.374	12.045	18.8	37.368	5.0	29.737	3.649	0.697	10.8	3.715	2.0	9.190	-2.786	-16.9	9.604
248907.2	843342.4	118.5	35.545	12.100	18.8	37.548	5.1	29.880	3.647	0.699	10.8	3.713	2.0	9.139	-2.775	-16.9	9.551
248906.6	843341.6	118.7	35.320	12.052	18.8	37.320	5.1	29.698	3.629	0.697	10.9	3.695	1.8	8.774	-2.700	-17.1	9.180
248906.0	843340.8	118.9	35.337	12.068	18.9	37.341	5.1	29.715	3.617	0.697	10.9	3.684	1.8	8.631	-2.670	-17.2	9.034
248905.4	843340.0	119.2	35.637	12.158	18.8	37.654	5.2	29.964	3.613	0.699	10.9	3.679	1.8	8.750	-2.690	-17.1	9.154
248904.8	843339.2	119.5	35.902	12.241	18.8	37.931	5.3	30.185	3.604	0.699	11.0	3.671	1.9	8.863	-2.709	-17.0	9.267
248904.2	843338.4	119.8	36.473	12.405	18.8	38.525	5.5	30.657	3.604	0.702	11.0	3.672	2.0	9.251	-2.782	-16.7	9.661
248903.7	843337.6	120.1	36.614	12.456	18.8	38.674	5.5	30.776	3.586	0.702	11.1	3.654	2.0	9.309	-2.786	-16.7	9.717
248903.1	843336.8	120.2	36.107	12.333	18.9	38.155	5.4	30.363	3.545	0.696	11.1	3.612	1.8	8.864	-2.686	-16.9	9.262
248902.5	843335.9	120.3	35.602	12.211	18.9	37.638	5.3	29.951	3.502	0.690	11.1	3.569	1.6	8.440	-2.588	-17.0	8.828
248901.9	843335.1	120.3	35.077	12.081	19.0	37.099	5.2	29.523	3.457	0.684	11.2	3.524	1.4	8.020	-2.490	-17.2	8.398
248901.3	843334.3	120.4	34.500	11.936	19.1	36.506	5.0	29.051	3.411	0.677	11.2	3.477	1.2	7.574	-2.384	-17.5	7.940
248900.7	843333.5	120.5	33.908	11.786	19.2	35.898	4.9	28.567	3.363	0.669	11.3	3.429	1.0	7.133	-2.278	-17.7	7.488
248900.2	843332.7	120.5	33.377	11.652	19.2	35.352	4.7	28.132	3.317	0.662	11.3	3.382	0.9	6.765	-2.185	-17.9	7.109
248899.6	843331.9	120.6	32.811	11.506	19.3	34.770	4.6	27.669	3.269	0.654	11.3	3.334	0.7	6.383	-2.088	-18.1	6.716
248899.0	843331.1	120.7	32.326	11.382	19.4	34.271	4.4	27.272	3.223	0.647	11.3	3.287	0.6	6.096	-2.009	-18.2	6.418
248898.4	843330.3	120.8	32.025	11.309	19.4	33.963	4.4	27.027	3.182	0.640	11.4	3.245	0.5	6.003	-1.968	-18.2	6.317
248897.8	843329.4	120.9	31.594	11.198	19.5	33.520	4.2	26.674	3.137	0.633	11.4	3.200	0.5	5.805	-1.906	-18.2	6.110
248897.2	843328.6	120.9	30.941	11.024	19.6	32.847	4.1	26.139	3.087	0.623	11.4	3.149	0.3	5.405	-1.804	-18.5	5.698
248896.7	843327.8	121.0	30.667	10.956	19.7	32.565	4.0	25.914	3.046	0.616	11.4	3.108	0.3	5.391	-1.779	-18.3	5.677
248896.1	843327.0	121.1	30.159	10.820	19.7	32.042	3.8	25.498	3.001	0.607	11.4	3.062	0.3	5.160	-1.711	-18.3	5.437
248895.5	843326.2	121.1	29.681	10.693	19.8	31.549	3.7	25.106	2.956	0.598	11.4	3.016	0.2	4.970	-1.652	-18.4	5.237
248894.9	843325.4	121.1	29.003	10.506	19.9	30.847	3.5	24.547	2.908	0.588	11.4	2.967	0.2	4.579	-1.554	-18.7	4.836
248894.3	843324.6	121.3	28.861	10.473	19.9	30.703	3.4	24.432	2.871	0.581	11.4	2.929	0.2	4.758	-1.570	-18.3	5.010
248893.7	843323.8	121.5	28.758	10.453	20.0	30.599	3.4	24.350	2.835	0.573	11.4	2.893	0.3	4.986	-1.598	-17.8	5.236
248893.2	843322.9	121.7	28.594	10.414	20.0	30.431	3.4	24.216	2.799	0.565	11.4	2.855	0.4	5.162	-1.616	-17.4	5.409
248892.6	843322.1	121.8	28.345	10.350	20.1	30.176	3.3	24.013	2.761	0.557	11.4	2.816	0.4	5.259	-1.619	-17.1	5.503
248892.0	843321.3	121.9	27.938	10.239	20.1	29.755	3.1	23.678	2.719	0.547	11.4	2.774	0.4	5.199	-1.593	-17.0	5.438
248891.4	843320.5	121.9	27.538	10.129	20.2	29.342	3.0	23.350	2.678	0.538	11.4	2.731	0.4	5.153	-1.570	-16.9	5.387
248890.8	843319.7	122.0	27.146	10.021	20.3	28.936	2.9	23.027	2.637	0.528	11.3	2.689	0.4	5.120	-1.550	-16.8	5.349
248890.2	843318.9	122.1	26.673	9.887	20.3	28.446	2.7	22.637	2.594	0.518	11.3	2.645	0.5	5.004	-1.515	-16.8	5.228
248889.7	843318.1	122.1	26.204	9.754	20.4	27.960	2.6	22.250	2.552	0.508	11.3	2.602	0.5	4.893	-1.483	-16.9	5.113
248889.1	843317.3	122.2	25.800	9.639	20.5	27.542	2.5	21.917	2.511	0.499	11.2	2.560	0.5	4.854	-1.465	-16.8	5.070
248888.5	843316.4	122.2	25.402	9.526	20.6	27.129	2.3	21.589	2.471	0.489	11.2	2.519	0.6	4.820	-1.450	-16.7	5.034
248887.9	843315.6	122.3	24.968	9.401	20.6	26.679	2.2	21.231	2.431	0.479	11.2	2.478	0.6	4.746	-1.428	-16.8	4.956
248887.3	843314.8	122.3	24.571	9.286	20.7	26.267	2.0	20.903	2.392	0.470	11.1	2.438	0.7	4.708	-1.415	-16.7	4.916
248886.7	843314.0	122.3	24.138	9.159	20.8	25.817	1.9	20.545	2.354	0.460	11.1	2.398	0.7	4.625	-1.394	-16.8	4.831
248886.2	843313.2	122.3	23.592	8.996	20.9	25.249	1.7	20.092	2.313	0.450	11.0	2.356	0.8	4.405	-1.349	-17.0	4.607
248885.6	843312.4	122.2	22.983	8.812	21.0	24.614	1.6	19.587	2.272	0.439	10.9	2.314	0.8	4.098	-1.288	-17.5	4.295
248885.0	843311.6	122.2	22.519	8.672	21.1	24.131	1.4	19.203	2.235	0.430	10.9	2.276	0.9	3.949	-1.260	-17.7	4.145
248884.4	843310.8	122.3	22.199	8.577	21.1	23.798	1.4	18.938	2.203	0.421	10.8	2.243	1.0	3.963	-1.264	-17.7	4.160
248883.8	843309.9	122.3	21.681	8.418	21.2	23.258	1.2	18.508	2.167	0.411	10.8	2.206	1.0	3.726	-1.222	-18.2	3.921
248883.2	843309.1	122.3	21.380	8.327	21.3	22.945	1.2	18.259	2.137	0.403	10.7	2.175	1.1	3.744	-1.229	-18.2	3.941
248882.7	843308.3	122.4	21.127	8.251	21.3	22.681	1.1	18.049	2.110	0.396	10.6	2.146	1.2	3.812	-1.247	-18.1	4.010
248882.1	843307.5	122.5	20.948	8.200	21.4	22.496	1.1	17.902	2.085	0.389	10.6	2.121	1.3	3.964	-1.281	-17.9	4.165
248881.5	843306.7	122.6	20.601	8.093	21.4	22.133	1.1	17.613	2.057	0.381	10.5	2.092	1.3	3.895	-1.275	-18.1	4.098
248880.9	843305.9	122.6	20.317	8.006	21.5	21.837	1.1	17.378	2.031	0.373	10.4	2.065	1.4	3.896	-1.282	-18.2	4.102
248880.3	843305.1	122.7	19.969	7.897	21.6	21.473	1.1	17.088	2.004	0.365	10.3	2.037	1.5	3.804	-1.274	-18.5	4.012
248879.7	843304.3	122.7	19.635	7.792	21.6	21.125	1.1	16.811	1.978	0.358	10.3	2.010	1.5	3.721	-1.268	-18.8	3.931
248879.2	843303.4	122.7	19.310	7.690	21.7	20.785	1.2	16.540	1.953	0.351	10.2	1.984	1.6	3.637	-1.262	-19.1	3.850
248878.6	843302.6	122.8	19.028	7.601	21.8	20.490	1.3	16.305	1.929	0.344	10.1	1.960	1.7	3.600	-1.264	-19.3	3.816
248878.0	843301.8	122.8	18.751	7.514	21.8	20.200	1.3	16.075	1.906	0.337	10.0	1.936	1.7	3.562	-1.267	-19.6	3.781
248877.4	843301.0	122.9	18.463	7.422	21.9	19.899	1.4	15.835	1.883	0.331	10.0	1.912	1.8	3.500	-1.265	-19.9	3.722
248876.8	843300.2	122.9	18.136	7.316	22.0	19.556	1.5	15.562	1.860	0.324	9.9	1.888	1.9	3.374	-1.252	-20.4	3.599
248876.2	843299.4	122.9	17.880	7.234	22.0	19.288	1.6	15.349	1.838	0.318	9.8	1.865	1.9	3.339	-1.255	-20.6	3.567
248875.7	843298.6	123.0	17.661	7.164	22.1	19.059	1.7	15.166	1.817	0.312	9.8	1.844	2.0	3.347	-1.265	-20.7	3.578
248875.1	843297.8	123.0	17.367	7.068	22.1	18.750	1.8	14.921	1.795	0.306	9.7	1.821	2.1	3.242	-1.255	-21.2	3.476
248874.5	843297.0	123.0	17.078	6.973	22.2	18.447	1.9	14.679	1.774	0.301	9.6	1.799	2.1	3.136	-1.244	-21.6	3.374
248873.9	843296.1	123.2	17.004	6.952	22.2	18.370	2.0	14.618	1.757	0.297	9.6	1.782	2.2	3.335	-1.284	-21.1	3.573
248873.3	843295.3	123.4	16.920	6.928	22.3	18.284	2.0	14.550	1.740	0.293	9.6	1.764	2.3	3.516	-1.319	-20.6	3.755
248872.7	843294.5	123.5	16.810	6.895	22.3	18.169	2.1	14.459	1.722	0.289	9.5	1.747	2.4	3.653	-1.346	-20.2	3.893
248872.2	843293.7	123.7	16.683	6.855	22.3	18.036	2.2	14.353	1.705	0.286	9.5	1.729	2.5	3.762	-1.368	-20.0	4.003
248871.6	843292.9	123.7	16.428	6.770	22.4	17.768	2.3	14.140	1.684	0.281	9.5	1.708	2.6	3.682	-1.358	-20.2	3.924
248871.0	843292.1	123.7	16.165	6.682	22.5	17.491	2.4	13.919	1.664	0.276	9.4	1.687	2.6	3.583	-1.345	-20.6	3.827
248870.4	843291.3	123.9	16.094	6.662	22.5	17.418	2.5	13.861	1.648	0.273	9.4	1.670	2.7	3.763	-1.375	-20.1	4.006
248869.8	843290.5	124.1	16.004	6.635	22.5	17.325	2.6	13.787	1.632	0.270	9.4	1.654	2.8	3.912	-1.400	-19.7	4.155
248869.2	843289.6	124.1	15.739	6.545	22.6	17.045	2.7	13.564	1.612	0.265	9.3	1.633	2.9	3.797	-1.382	-20.0	4.040
248868.7	843288.8	124.1	15.479	6.456	22.6	16.771	2.8	13.346	1.592	0.260	9.3	1.613	2.9	3.683	-1.365	-20.3	3.928
248868.1	843288.0	124.1	15.193	6.358	22.7	16.470	3.0	13.106	1.571	0.255	9.2	1.592	3.0	3.524	-1.339	-20.8	3.770
248867.5	843287.2	124.1	14.956	6.276	22.8	16.220	3.1	12.907	1.552	0.251	9.2	1.572	3.0	3.432	-1.324	-21.1	3.678
248866.9	843286.4	124.2	14.797	6.223	22.8	16.053	3.2	12.774	1.535	0.247	9.1	1.555	3.1	3.457	-1.327	-21.0	3.702
248866.3	843285.6	124.2	14.549	6.137	22.9	15.790	3.4	12.566	1.516	0.243	9.1	1.535	3.1	3.336	-1.306	-21.4	3.583
248865.7	843284.8	124.2	14.307	6.052	22.9	15.534	3.5	12.362	1.497	0.238	9.0	1.516	3.1	3.218	-1.286	-21.8	3.466
248865.2	843284.0	124.3	14.119	5.987	23.0	15.336	3.6	12.204	1.480	0.235	9.0	1.499	3.2	3.182	-1.278	-21.9	3.429
248864.6	843283.1	124.4	14.030	5.958	23.0	15.243	3.7	12.130	1.465	0.232	9.0	1.484	3.3	3.304	-1.294	-21.4	3.548
248864.0	843282.3	124.4	13.816	5.883	23.1	15.016	3.9	11.950	1.448	0.228	9.0	1.466	3.3	3.217	-1.277	-21.7	3.461
248863.4	843281.5	124.5	13.643	5.822	23.1	14.833	4.0	11.804	1.432	0.225	8.9	1.449	3.4	3.193	-1.270	-21.7	3.436
248862.8	843280.7	124.6	13.480	5.765	23.2	14.662	4.1	11.667	1.416	0.221	8.9	1.433	3.4	3.183	-1.265	-21.7	3.425
248862.2	843279.9	124.6	13.318	5.708	23.2	14.490	4.2	11.531	1.400	0.218	8.9	1.417	3.5	3.168	-1.258	-21.7	3.409
248861.7	843279.1	124.7	13.131	5.642	23.3	14.292	4.4	11.373	1.384	0.214	8.8	1.400	3.5	3.109	-1.245	-21.8	3.349
248861.1	843278.3	124.7	12.944	5.575	23.3	14.093	4.5	11.215	1.368	0.211	8.8	1.384	3.6	3.043	-1.231	-22.0	3.282

248860.5	843277.5	124.7	12.741	5.502	23.4	13.878	4.7	11.044	1.351	0.207	8.7	1.367	3.6	2.946	-1.212	-22.4	3.185
248859.9	843276.6	124.7	12.574	5.441	23.4	13.701	4.8	10.903	1.336	0.204	8.7	1.351	3.7	2.906	-1.201	-22.4	3.144
248859.3	843275.8	124.8	12.402	5.380	23.4	13.519	5.0	10.758	1.321	0.200	8.6	1.336	3.7	2.855	-1.188	-22.6	3.093
248858.7	843275.0	124.8	12.234	5.319	23.5	13.340	5.1	10.616	1.305	0.197	8.6	1.320	3.7	2.807	-1.175	-22.7	3.043
248858.2	843274.2	124.8	12.062	5.256	23.5	13.158	5.3	10.471	1.290	0.193	8.5	1.304	3.8	2.748	-1.161	-22.9	2.983
248857.6	843273.4	124.8	11.887	5.192	23.6	12.971	5.4	10.322	1.274	0.190	8.5	1.289	3.8	2.677	-1.144	-23.1	2.911
248857.0	843272.6	124.9	11.719	5.130	23.6	12.793	5.6	10.180	1.259	0.187	8.4	1.273	3.8	2.618	-1.129	-23.3	2.851
248856.4	843271.8	124.8	11.522	5.057	23.7	12.582	5.7	10.013	1.243	0.183	8.4	1.257	3.8	2.496	-1.105	-23.9	2.730
248855.8	843271.0	124.8	11.331	4.986	23.7	12.379	5.9	9.851	1.228	0.179	8.3	1.241	3.8	2.383	-1.082	-24.4	2.617
248855.2	843270.1	124.8	11.146	4.916	23.8	12.182	6.1	9.694	1.212	0.175	8.2	1.225	3.8	2.274	-1.060	-25.0	2.509
248854.7	843269.3	124.8	10.998	4.861	23.8	12.024	6.2	9.568	1.197	0.172	8.2	1.209	3.9	2.235	-1.047	-25.1	2.468
248854.1	843268.5	124.9	10.879	4.818	23.9	11.898	6.3	9.468	1.182	0.170	8.2	1.195	4.0	2.252	-1.040	-24.8	2.481
248853.5	843267.7	124.9	10.754	4.772	23.9	11.765	6.5	9.363	1.168	0.167	8.1	1.180	4.0	2.254	-1.031	-24.6	2.479
248852.9	843266.9	124.9	10.566	4.701	24.0	11.564	6.6	9.203	1.152	0.163	8.1	1.163	4.0	2.121	-1.005	-25.3	2.347
248852.3	843266.1	125.0	10.481	4.671	24.0	11.475	6.7	9.132	1.138	0.161	8.0	1.149	4.1	2.199	-1.005	-24.6	2.418
248851.7	843265.3	125.1	10.400	4.643	24.1	11.389	6.8	9.063	1.123	0.159	8.0	1.134	4.2	2.281	-1.005	-23.8	2.492
248851.2	843264.5	125.0	10.228	4.577	24.1	11.206	7.0	8.917	1.108	0.155	8.0	1.118	4.2	2.170	-0.980	-24.3	2.381
248850.6	843263.6	124.9	10.032	4.501	24.2	10.996	7.1	8.750	1.092	0.151	7.9	1.102	4.1	1.999	-0.947	-25.4	2.212
248850.0	843262.8	125.1	10.008	4.496	24.2	10.971	7.1	8.731	1.078	0.150	7.9	1.088	4.3	2.192	-0.960	-23.7	2.393
248849.4	843262.0	125.2	9.920	4.465	24.2	10.878	7.2	8.657	1.063	0.147	7.9	1.074	4.4	2.245	-0.955	-23.0	2.440
248848.8	843261.2	125.3	9.816	4.427	24.3	10.768	7.3	8.569	1.049	0.145	7.9	1.059	4.5	2.260	-0.944	-22.7	2.449
248848.2	843260.4	125.3	9.694	4.382	24.3	10.638	7.3	8.465	1.034	0.142	7.8	1.043	4.5	2.230	-0.928	-22.6	2.415
248847.7	843259.6	125.3	9.589	4.343	24.4	10.526	7.4	8.377	1.019	0.139	7.8	1.028	4.6	2.233	-0.915	-22.3	2.413
248847.1	843258.8	125.4	9.489	4.307	24.4	10.420	7.4	8.292	1.004	0.137	7.8	1.013	4.6	2.242	-0.903	-21.9	2.417
248846.5	843258.0	125.4	9.392	4.271	24.5	10.317	7.4	8.210	0.989	0.134	7.7	0.998	4.7	2.252	-0.890	-21.6	2.422
248845.9	843257.2	125.4	9.274	4.227	24.5	10.191	7.4	8.110	0.974	0.131	7.7	0.982	4.7	2.211	-0.872	-21.5	2.376

Max EF along centerline is 6.114 (kV/m) at 193.000 (m) from structure [redacted]-5

Cross section results at max EF along centerline between structures [redacted]-5 and [redacted]-6T





3D EMF Point Results Span from [redacted]/[redacted]-5 to [redacted]-6T:

Measurement			B					H	EF					Space Potential			
X (m)	Y (m)	Z (m)	Real (uT)	Imaginary (uT)	Angle (deg)	Magnitude (uT)	Polarization Axial Ratio %	Magnitude (A/m)	Real (kV/m)	Imaginary (kV/m)	Angle (deg)	Magnitude (kV/m)	Polarization Axial Ratio %	Real (kV)	Imaginary (kV)	Angle (deg)	Magnitude (kV)
249014.6	843466.0	98.0	18.471	8.624	25.0	20.386	20.1	16.222	0.809	0.522	32.8	0.962	12.5	2.582	-1.535	-30.7	3.004
249013.8	843466.5	97.9	20.055	9.106	24.4	22.025	19.8	17.527	1.016	0.588	30.1	1.174	11.0	2.998	-1.656	-28.9	3.425
249013.0	843467.1	97.9	21.789	9.602	23.8	23.811	19.4	18.949	1.261	0.657	27.5	1.422	9.8	3.466	-1.773	-27.1	3.893
249012.1	843467.7	97.8	23.686	10.110	23.1	25.753	18.8	20.494	1.551	0.726	25.1	1.712	8.8	3.992	-1.883	-25.3	4.414
249011.3	843468.3	97.8	25.749	10.624	22.4	27.854	18.2	22.166	1.888	0.794	22.8	2.048	7.9	4.576	-1.984	-23.4	4.987
249010.5	843468.9	97.7	27.960	11.134	21.7	30.095	17.4	23.949	2.275	0.859	20.7	2.432	7.1	5.202	-2.066	-21.7	5.597
249009.7	843469.5	97.7	30.257	11.620	21.0	32.411	16.4	25.792	2.713	0.918	18.7	2.864	6.3	5.817	-2.111	-19.9	6.188
249008.9	843470.0	97.6	32.698	12.105	20.3	34.867	15.2	27.746	3.199	0.969	16.9	3.342	5.5	6.482	-2.148	-18.3	6.829
249008.1	843470.6	97.5	35.067	12.534	19.7	37.240	14.0	29.635	3.719	1.011	15.2	3.854	4.7	7.023	-2.129	-16.9	7.338
249007.3	843471.2	97.4	37.508	12.963	19.1	39.685	12.6	31.580	4.262	1.042	13.7	4.388	4.1	7.604	-2.114	-15.5	7.892
249006.5	843471.8	97.4	39.942	13.384	18.5	42.125	11.1	33.522	4.802	1.063	12.5	4.918	3.5	8.206	-2.103	-14.4	8.471
249005.6	843472.4	97.4	42.268	13.789	18.1	44.460	9.5	35.381	5.304	1.073	11.4	5.412	3.0	8.802	-2.096	-13.4	9.048
249004.8	843473.0	97.3	44.055	14.111	17.8	46.260	7.9	36.812	5.716	1.074	10.6	5.816	2.5	9.076	-2.040	-12.7	9.302
249004.0	843473.5	97.2	45.089	14.333	17.6	47.313	6.2	37.650	5.993	1.069	10.1	6.087	2.0	8.913	-1.934	-12.2	9.121
249003.2	843474.1	97.1	45.439	14.486	17.7	47.692	4.6	37.952	6.108	1.059	9.8	6.200	1.7	8.436	-1.807	-12.1	8.627
249002.4	843474.7	97.0	45.172	14.582	17.9	47.468	3.0	37.774	6.055	1.047	9.8	6.145	1.5	7.738	-1.673	-12.2	7.917
249001.6	843475.3	96.9	44.368	14.630	18.2	46.718	1.6	37.177	5.842	1.030	10.0	5.932	1.4	6.895	-1.537	-12.6	7.064
249000.8	843475.9	96.8	43.127	14.631	18.7	45.542	1.0	36.241	5.495	1.009	10.4	5.587	1.3	5.974	-1.397	-13.2	6.135
249000.0	843476.5	96.6	41.498	14.576	19.4	43.983	1.7	35.001	5.050	0.982	11.0	5.144	1.2	4.964	-1.237	-14.0	5.116
248999.1	843477.0	96.6	39.882	14.535	20.0	42.448	2.7	33.779	4.550	0.947	11.8	4.648	1.2	4.202	-1.114	-14.8	4.348
248998.3	843477.6	96.5	38.146	14.462	20.8	40.795	3.7	32.464	4.028	0.903	12.6	4.128	1.1	3.485	-0.983	-15.8	3.621
248997.5	843478.2	96.4	36.404	14.374	21.5	39.139	4.6	31.146	3.512	0.850	13.6	3.613	1.0	2.860	-0.854	-16.6	2.984
248996.7	843478.8	96.3	34.719	14.279	22.4	37.541	5.3	29.874	3.021	0.789	14.6	3.123	0.9	2.332	-0.726	-17.3	2.442
248995.9	843479.4	96.1	32.963	14.125	23.2	35.862	5.8	28.538	2.567	0.721	15.7	2.667	1.0	1.719	-0.553	-17.8	1.806
248995.1	843480.0	95.9	31.359	13.978	24.0	34.334	6.1	27.322	2.157	0.647	16.7	2.252	1.4	1.219	-0.389	-17.7	1.280
248994.3	843480.5	95.9	30.166	13.948	24.8	33.235	6.5	26.447	1.794	0.570	17.6	1.883	1.9	1.060	-0.311	-16.4	1.105
248993.5	843481.1	95.8	29.121	13.947	25.6	32.288	6.8	25.694	1.476	0.491	18.4	1.555	2.5	0.942	-0.240	-14.3	0.972
248992.7	843481.7	95.7	28.106	13.924	26.4	31.366	6.8	24.960	1.195	0.409	18.9	1.263	3.5	0.743	-0.134	-10.2	0.755
248991.8	843482.3	95.6	27.156	13.890	27.1	30.502	6.7	24.273	0.946	0.325	19.0	1.000	4.9	0.507	-0.009	-1.0	0.507
248991.0	843482.9	95.4	26.417	13.926	27.8	29.863	6.6	23.764	0.728	0.243	18.4	0.768	7.3	0.348	0.094	15.1	0.360
248990.2	843483.5	95.3	25.879	14.041	28.5	29.443	6.5	23.430	0.539	0.169	17.4	0.565	11.9	0.234	0.186	38.5	0.299

Centerline results between structures [redacted]-6T and [redacted]/[redacted]-7

3D EMF Point Results Centerline from [redacted]-6T to [redacted]/[redacted]-7:

Measurement			B					H	EF					Space Potential			
X (m)	Y (m)	Z (m)	Real (uT)	Imaginary (uT)	Angle (deg)	Magnitude (uT)	Polarization Axial Ratio %	Magnitude (A/m)	Real (kV/m)	Imaginary (kV/m)	Angle (deg)	Magnitude (kV/m)	Polarization Axial Ratio %	Real (kV)	Imaginary (kV)	Angle (deg)	Magnitude (kV)
248846.2	843257.5	125.4	9.342	4.253	24.5	10.265	7.4	8.168	0.981	0.133	7.7	0.990	4.7	2.258	-0.884	-21.4	2.424

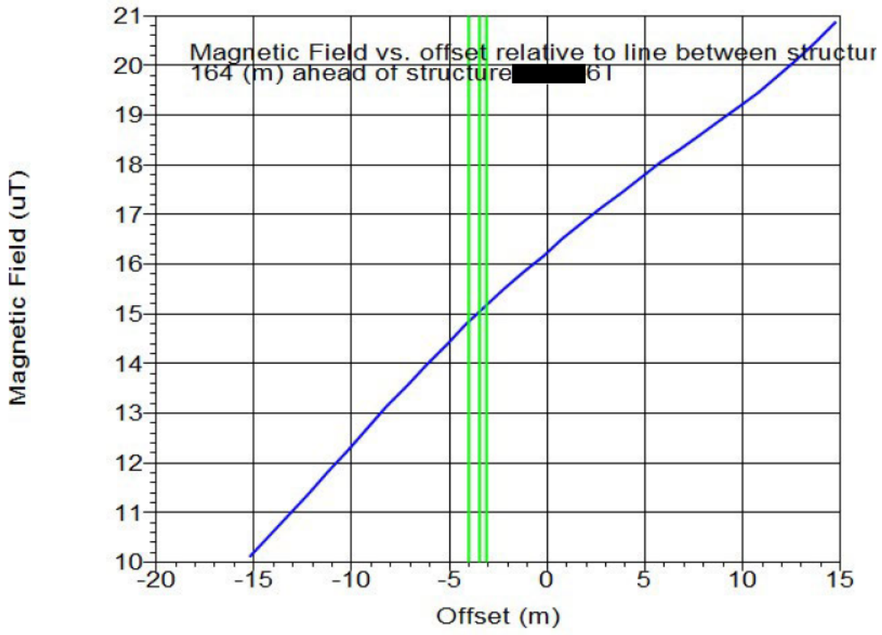
248845.3	843257.0	125.3	9.350	4.251	24.4	10.271	7.5	8.174	0.994	0.136	7.8	1.003	4.5	2.194	-0.881	-21.9	2.365
248844.5	843256.5	125.2	9.358	4.249	24.4	10.278	7.5	8.179	1.006	0.140	7.9	1.016	4.3	2.130	-0.877	-22.4	2.303
248843.6	843256.0	125.1	9.373	4.251	24.4	10.292	7.5	8.190	1.018	0.143	8.0	1.028	4.1	2.079	-0.874	-22.8	2.255
248842.7	843255.5	125.1	9.392	4.254	24.4	10.310	7.5	8.205	1.030	0.147	8.1	1.040	3.9	2.037	-0.871	-23.1	2.216
248841.9	843255.0	125.1	9.444	4.272	24.3	10.365	7.5	8.248	1.041	0.151	8.3	1.052	3.8	2.069	-0.877	-23.0	2.247
248841.0	843254.5	125.1	9.526	4.303	24.3	10.453	7.5	8.318	1.053	0.156	8.4	1.065	3.7	2.170	-0.891	-22.3	2.346
248840.1	843254.0	125.1	9.562	4.315	24.3	10.491	7.4	8.348	1.064	0.160	8.5	1.076	3.6	2.167	-0.891	-22.4	2.343
248839.3	843253.5	125.1	9.619	4.335	24.3	10.551	7.4	8.396	1.075	0.164	8.7	1.088	3.5	2.210	-0.897	-22.1	2.385
248838.4	843253.0	125.1	9.671	4.354	24.2	10.606	7.3	8.440	1.086	0.168	8.8	1.099	3.4	2.241	-0.902	-21.9	2.416
248837.5	843252.5	125.1	9.719	4.371	24.2	10.657	7.2	8.480	1.096	0.172	8.9	1.110	3.3	2.264	-0.904	-21.8	2.438
248836.7	843252.0	125.1	9.763	4.386	24.2	10.703	7.2	8.517	1.106	0.176	9.0	1.120	3.2	2.278	-0.905	-21.7	2.451
248835.8	843251.5	125.1	9.816	4.406	24.2	10.760	7.1	8.562	1.116	0.180	9.2	1.131	3.1	2.314	-0.908	-21.4	2.486
248834.9	843251.0	125.1	9.877	4.430	24.2	10.825	7.0	8.614	1.127	0.184	9.3	1.142	3.0	2.367	-0.915	-21.1	2.538
248834.1	843250.5	125.0	9.922	4.446	24.1	10.873	6.9	8.652	1.136	0.188	9.4	1.152	2.9	2.385	-0.915	-21.0	2.555
248833.2	843250.0	125.1	9.994	4.474	24.1	10.950	6.7	8.713	1.146	0.192	9.5	1.162	2.8	2.462	-0.925	-20.6	2.630
248832.4	843249.5	125.1	10.056	4.498	24.1	11.017	6.6	8.767	1.156	0.196	9.6	1.172	2.7	2.519	-0.932	-20.3	2.686
248831.5	843249.0	125.0	10.048	4.494	24.1	11.007	6.5	8.759	1.164	0.199	9.7	1.181	2.6	2.424	-0.914	-20.7	2.591
248830.6	843248.5	125.0	10.136	4.528	24.1	11.101	6.4	8.834	1.174	0.203	9.8	1.192	2.5	2.537	-0.930	-20.1	2.703
248829.8	843248.0	125.0	10.170	4.541	24.1	11.138	6.3	8.863	1.183	0.207	9.9	1.201	2.4	2.537	-0.927	-20.1	2.701
248828.9	843247.5	125.0	10.234	4.566	24.0	11.206	6.2	8.918	1.192	0.210	10.0	1.211	2.4	2.601	-0.935	-19.8	2.764
248828.0	843247.0	125.0	10.305	4.594	24.0	11.283	6.1	8.979	1.202	0.214	10.1	1.221	2.3	2.683	-0.947	-19.4	2.845
248827.2	843246.5	125.0	10.357	4.614	24.0	11.338	5.9	9.023	1.210	0.218	10.2	1.230	2.2	2.722	-0.951	-19.3	2.884
248826.3	843246.0	124.9	10.339	4.607	24.0	11.319	5.8	9.008	1.218	0.221	10.3	1.238	2.1	2.617	-0.930	-19.6	2.778
248825.4	843245.5	124.7	10.322	4.600	24.0	11.301	5.8	8.993	1.225	0.223	10.3	1.245	2.0	2.513	-0.909	-19.9	2.672
248824.6	843245.0	124.6	10.294	4.589	24.0	11.271	5.7	8.969	1.232	0.226	10.4	1.253	1.9	2.388	-0.884	-20.3	2.546
248823.7	843244.5	124.5	10.296	4.590	24.0	11.273	5.6	8.971	1.239	0.229	10.5	1.260	1.8	2.329	-0.870	-20.5	2.486
248822.8	843244.0	124.4	10.321	4.600	24.0	11.300	5.5	8.992	1.247	0.232	10.6	1.268	1.7	2.321	-0.866	-20.5	2.477
248822.0	843243.5	124.5	10.376	4.622	24.0	11.359	5.4	9.039	1.254	0.235	10.6	1.276	1.7	2.381	-0.874	-20.2	2.536
248821.1	843242.9	124.4	10.429	4.643	24.0	11.416	5.3	9.085	1.262	0.238	10.7	1.284	1.6	2.439	-0.882	-19.9	2.594
248820.3	843242.4	124.4	10.470	4.659	24.0	11.460	5.2	9.119	1.269	0.241	10.8	1.291	1.6	2.472	-0.885	-19.7	2.626
248819.4	843241.9	124.4	10.486	4.666	24.0	11.477	5.1	9.133	1.275	0.244	10.8	1.298	1.5	2.455	-0.880	-19.7	2.608
248818.5	843241.4	124.3	10.501	4.672	24.0	11.494	5.0	9.146	1.281	0.247	10.9	1.304	1.4	2.438	-0.874	-19.7	2.590
248817.7	843240.9	124.2	10.512	4.677	24.0	11.505	4.9	9.155	1.287	0.249	11.0	1.311	1.4	2.414	-0.867	-19.8	2.565
248816.8	843240.4	124.2	10.526	4.682	24.0	11.520	4.8	9.168	1.292	0.252	11.0	1.316	1.3	2.399	-0.862	-19.8	2.550
248815.9	843239.9	124.1	10.545	4.690	24.0	11.541	4.7	9.184	1.297	0.254	11.1	1.322	1.3	2.398	-0.859	-19.7	2.548
248815.1	843239.4	124.0	10.563	4.698	24.0	11.560	4.7	9.199	1.302	0.257	11.1	1.327	1.2	2.399	-0.857	-19.7	2.547
248814.2	843238.9	124.0	10.581	4.705	24.0	11.579	4.6	9.215	1.307	0.259	11.2	1.332	1.2	2.401	-0.856	-19.6	2.548
248813.3	843238.4	123.9	10.598	4.712	24.0	11.598	4.5	9.230	1.311	0.261	11.3	1.337	1.1	2.404	-0.854	-19.6	2.551
248812.5	843237.9	123.9	10.614	4.719	24.0	11.616	4.4	9.244	1.316	0.263	11.3	1.342	1.1	2.409	-0.854	-19.5	2.556
248811.6	843237.4	123.8	10.631	4.726	24.0	11.634	4.4	9.258	1.319	0.265	11.4	1.346	1.0	2.416	-0.853	-19.4	2.562
248810.7	843236.9	123.8	10.646	4.733	24.0	11.651	4.3	9.271	1.323	0.267	11.4	1.350	1.0	2.424	-0.853	-19.4	2.570
248809.9	843236.4	123.7	10.658	4.738	24.0	11.664	4.2	9.282	1.326	0.269	11.5	1.353	0.9	2.427	-0.852	-19.3	2.573
248809.0	843235.9	123.6	10.667	4.742	24.0	11.673	4.2	9.289	1.329	0.271	11.5	1.357	0.9	2.425	-0.850	-19.3	2.570
248808.2	843235.4	123.6	10.672	4.744	24.0	11.679	4.1	9.294	1.332	0.273	11.6	1.359	0.8	2.419	-0.847	-19.3	2.563
248807.3	843234.9	123.5	10.676	4.747	24.0	11.684	4.0	9.298	1.334	0.274	11.6	1.362	0.8	2.412	-0.845	-19.3	2.556
248806.4	843234.4	123.4	10.680	4.749	24.0	11.688	4.0	9.301	1.336	0.276	11.7	1.365	0.7	2.408	-0.842	-19.3	2.551
248805.6	843233.9	123.4	10.683	4.751	24.0	11.692	3.9	9.304	1.338	0.277	11.7	1.367	0.7	2.404	-0.840	-19.3	2.547
248804.7	843233.4	123.3	10.685	4.753	24.0	11.695	3.9	9.306	1.340	0.279	11.7	1.369	0.7	2.402	-0.839	-19.2	2.544
248803.8	843232.9	123.2	10.683	4.753	24.0	11.692	3.8	9.305	1.341	0.280	11.8	1.370	0.6	2.391	-0.835	-19.3	2.533
248803.0	843232.4	123.1	10.678	4.752	24.0	11.687	3.8	9.300	1.342	0.281	11.8	1.371	0.6	2.376	-0.831	-19.3	2.517
248802.1	843231.9	123.1	10.679	4.753	24.0	11.689	3.7	9.302	1.343	0.282	11.9	1.373	0.5	2.377	-0.830	-19.3	2.518
248801.2	843231.4	123.0	10.675	4.753	24.0	11.685	3.6	9.299	1.344	0.283	11.9	1.373	0.5	2.370	-0.828	-19.3	2.510
248800.4	843230.9	122.9	10.669	4.751	24.0	11.679	3.6	9.294	1.344	0.284	11.9	1.374	0.5	2.358	-0.825	-19.3	2.498
248799.5	843230.4	122.8	10.662	4.750	24.0	11.672	3.5	9.288	1.344	0.285	12.0	1.374	0.4	2.348	-0.822	-19.3	2.488
248798.7	843229.9	122.7	10.656	4.749	24.0	11.666	3.5	9.284	1.344	0.286	12.0	1.374	0.4	2.342	-0.820	-19.3	2.482
248797.8	843229.4	122.7	10.650	4.748	24.0	11.660	3.5	9.279	1.344	0.287	12.1	1.374	0.4	2.337	-0.818	-19.3	2.476
248796.9	843228.9	122.6	10.643	4.746	24.0	11.653	3.4	9.274	1.344	0.288	12.1	1.374	0.3	2.332	-0.816	-19.3	2.471
248796.1	843228.4	122.5	10.636	4.745	24.0	11.646	3.4	9.268	1.343	0.289	12.1	1.374	0.3	2.328	-0.815	-19.3	2.467
248795.2	843227.9	122.4	10.628	4.743	24.1	11.639	3.3	9.262	1.342	0.289	12.2	1.373	0.3	2.324	-0.813	-19.3	2.462
248794.3	843227.3	122.3	10.611	4.738	24.1	11.621	3.3	9.248	1.341	0.290	12.2	1.372	0.2	2.302	-0.808	-19.3	2.439
248793.5	843226.8	122.2	10.599	4.735	24.1	11.609	3.2	9.238	1.340	0.290	12.2	1.371	0.2	2.290	-0.804	-19.4	2.427
248792.6	843226.3	122.2	10.586	4.732	24.1	11.596	3.2	9.227	1.339	0.291	12.3	1.370	0.2	2.278	-0.801	-19.4	2.415
248791.7	843225.8	122.1	10.570	4.727	24.1	11.579	3.2	9.214	1.337	0.291	12.3	1.368	0.2	2.261	-0.797	-19.4	2.397
248790.9	843225.3	122.0	10.553	4.722	24.1	11.561	3.1	9.200	1.335	0.291	12.3	1.367	0.1	2.241	-0.792	-19.5	2.376
248790.0	843224.8	121.9	10.535	4.717	24.1	11.543	3.1	9.185	1.334	0.292	12.3	1.365	0.1	2.220	-0.786	-19.5	2.355
248789.1	843224.3	121.8	10.516	4.712	24.1	11.524	3.1	9.170	1.332	0.292	12.4	1.363	0.1	2.200	-0.781	-19.5	2.334
248788.3	843223.8	121.7	10.471	4.696	24.2	11.476	3.1	9.132	1.329	0.292	12.4	1.361	0.1	2.120	-0.763	-19.8	2.253
248787.4	843223.3	121.6	10.447	4.689	24.2	11.451	3.0	9.112	1.327	0.292	12.4	1.359	0.1	2.088	-0.755	-19.9	2.220
248786.6	843222.8	121.5	10.423	4.682	24.2	11.426	3.0	9.092	1.324	0.292	12.4	1.356	0.1	2.055	-0.747	-20.0	2.186
248785.7	843222.3	121.4	10.398	4.674	24.2	11.400	3.0	9.072	1.322	0.292	12.5	1.354	0.1	2.021	-0.738	-20.1	2.152
248784.8	843221.8	121.3	10.373	4.666	24.2	11.374	3.0	9.051	1.319	0.293	12.5	1.351	0.1	1.986	-0.729	-20.2	2.116
248784.0	843221.3	121.2	10.347	4.659	24.2	11.348	2.9	9.030	1.317	0.293	12.5	1.349	0.1	1.951	-0.720	-20.3	2.079
248783.1	843220.8	121.1	10.321	4.651	24.3	11.321	2.9	9.009	1.314	0.293	12.6	1.346	0.2	1.913	-0.710	-20.4	2.041
248782.2	843220.3	121.0	10.295	4.643	24.3	11.294	2.9	8.987	1.311	0.292	12.6	1.343	0.2	1.875	-0.701	-20.5	2.002
248781.4	843219.8	120.9	10.267	4.635	24.3	11.265	2.9	8.964	1.308	0.292	12.6	1.341	0.2	1.833	-0.690	-20.6	1.958
248780.5	843219.3	120.8	10.235	4.624	24.3	11.231	2.9	8.938	1.306	0.292	12.6	1.338	0.2	1.779	-0.676	-20.8	1.904
248779.6	843218.8	120.7	10.203	4.614	24.3	11.197	2.9	8.911	1.303	0.292	12.6	1.335	0.2	1.724	-0.662	-21.0	1.847
248778.8	843218.3	120.6	10.170	4.604	24.4	11.163	2.9	8.884	1.300	0.292	12.7	1.332	0.3	1.668	-0.648	-21.2	1.789
248777.9	843217.8	120.4	10.137	4.594	24.4	11.129	2.9	8.856	1.297	0.292	12.7	1.329	0.3	1.609	-0.633	-21.5	1.729
248777.0	843217.3	120.3	10.103	4.583	24.4	11.094	2.9	8.829	1.294	0.292	12.7	1.327	0.3	1.548	-0.617	-21.7	1.666
248776.2	843216.8	120.2	10.070	4.573	24.4	11.059	2.9	8.801	1.291	0.292	12.7	1.324	0.3	1.484	-0.601	-22.0	1.601
248775.3	843216.3	120.1	10.036	4.562	24.4	11.024	2.9	8.773	1.289	0.292	12.8	1.321	0.3	1.418	-0.584	-22.4	1.534
248774.5	843215.8	120.0	10.001	4.552	24.5	10.988	2.9	8.744	1.286	0.292	12.8	1.319	0.3	1.350	-0.566	-22.8	1.464
248773.6	843215.3	119.9	9.975	4.544	24.5	10.961	2.9	8.723	1.284	0.291	12.8	1.316	0.4	1.297	-0.552	-23.1	1.410
248772.7	843214.8	119.8	9.954	4.539	24.5	10.940	2.9	8.706	1.281	0.291	12.8	1.314	0.4	1.254	-0.540	-23.3	1.365
248771.9	843214.3	119.8	9.932	4.533	24.5	10.918	2.9	8.688	1.279	0.291	12.8	1.312	0.4	1.207	-0.527	-23.6	1.317
248771.0	843213.8	119.7	9.910	4.528	24.6	10.895	2.9	8.670	1.277	0.291	12.8	1.310	0.4	1.157	-0.513	-23.9	1.266

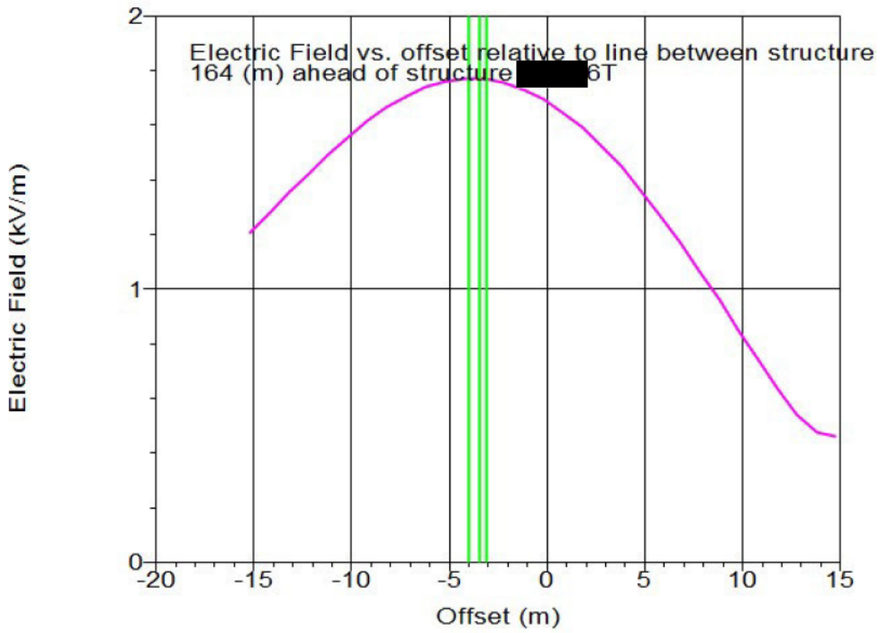
248770.1	843213.3	119.6	9.888	4.522	24.6	10.873	3.0	8.653	1.276	0.291	12.9	1.308	0.4	1.106	-0.499	-24.3	1.213
248769.3	843212.8	119.5	9.778	4.473	24.6	10.753	3.0	8.557	1.265	0.287	12.8	1.297	0.4	0.896	-0.399	-24.0	0.981
248768.4	843212.3	119.4	9.759	4.469	24.6	10.734	3.0	8.542	1.263	0.287	12.8	1.296	0.4	0.844	-0.385	-24.5	0.928
248767.5	843211.7	119.4	9.751	4.470	24.6	10.727	3.1	8.536	1.263	0.288	12.8	1.295	0.4	0.815	-0.377	-24.8	0.898
248766.7	843211.2	119.3	9.750	4.473	24.6	10.727	3.1	8.536	1.262	0.288	12.8	1.294	0.4	0.799	-0.371	-24.9	0.881
248765.8	843210.7	119.3	9.748	4.477	24.7	10.727	3.1	8.536	1.261	0.288	12.9	1.294	0.4	0.778	-0.364	-25.1	0.858
248764.9	843210.2	119.3	9.746	4.480	24.7	10.726	3.2	8.536	1.261	0.288	12.9	1.294	0.4	0.752	-0.355	-25.3	0.832
248764.1	843209.7	119.2	9.743	4.483	24.7	10.725	3.2	8.535	1.261	0.289	12.9	1.294	0.4	0.722	-0.346	-25.6	0.800
248763.2	843209.2	119.2	9.740	4.486	24.7	10.723	3.2	8.533	1.262	0.289	12.9	1.294	0.4	0.687	-0.336	-26.1	0.764
248762.4	843208.7	119.1	9.737	4.489	24.7	10.722	3.3	8.532	1.262	0.289	12.9	1.295	0.4	0.649	-0.325	-26.6	0.726
248761.5	843208.2	119.1	9.744	4.496	24.8	10.731	3.3	8.540	1.263	0.290	12.9	1.296	0.3	0.629	-0.318	-26.8	0.705
248760.6	843207.7	119.1	9.750	4.503	24.8	10.740	3.4	8.546	1.264	0.290	12.9	1.297	0.3	0.604	-0.309	-27.1	0.678
248759.8	843207.2	119.1	9.761	4.506	24.8	10.751	3.4	8.555	1.266	0.289	12.9	1.298	0.3	0.566	-0.310	-28.7	0.646
248758.9	843206.7	119.0	9.773	4.516	24.8	10.766	3.4	8.568	1.268	0.289	12.9	1.300	0.3	0.548	-0.304	-29.0	0.627
248758.0	843206.2	119.0	9.786	4.526	24.8	10.782	3.5	8.580	1.270	0.290	12.9	1.302	0.3	0.525	-0.296	-29.4	0.602
248757.2	843205.7	119.0	9.798	4.536	24.8	10.797	3.5	8.592	1.272	0.291	12.9	1.305	0.3	0.496	-0.287	-30.0	0.573
248756.3	843205.2	119.0	9.809	4.545	24.9	10.811	3.6	8.603	1.275	0.292	12.9	1.308	0.3	0.462	-0.277	-30.9	0.539
248755.4	843204.7	119.0	9.822	4.555	24.9	10.826	3.6	8.615	1.278	0.292	12.9	1.311	0.3	0.427	-0.266	-31.9	0.503
248754.6	843204.2	119.1	9.868	4.579	24.9	10.879	3.7	8.657	1.281	0.293	12.9	1.315	0.2	0.465	-0.272	-30.3	0.539
248753.7	843203.7	119.1	9.915	4.604	24.9	10.931	3.7	8.699	1.285	0.294	12.9	1.319	0.2	0.499	-0.277	-29.0	0.571
248752.8	843203.2	119.2	9.961	4.628	24.9	10.984	3.8	8.741	1.290	0.296	12.9	1.323	0.2	0.528	-0.281	-28.0	0.598
248752.0	843202.7	119.2	9.997	4.648	24.9	11.025	3.8	8.773	1.294	0.297	12.9	1.328	0.2	0.529	-0.278	-27.8	0.598
248751.1	843202.2	119.2	10.028	4.667	25.0	11.061	3.9	8.802	1.299	0.298	12.9	1.332	0.2	0.514	-0.272	-27.9	0.582
248750.3	843201.7	119.3	10.059	4.685	25.0	11.096	3.9	8.830	1.304	0.299	12.9	1.337	0.2	0.495	-0.265	-28.2	0.561
248749.4	843201.2	119.3	10.094	4.705	25.0	11.136	4.0	8.862	1.309	0.300	12.9	1.343	0.2	0.480	-0.259	-28.3	0.546
248748.5	843200.7	119.4	10.133	4.727	25.0	11.182	4.1	8.898	1.314	0.301	12.9	1.348	0.2	0.473	-0.255	-28.3	0.537
248747.7	843200.2	119.4	10.199	4.760	25.0	11.255	4.1	8.957	1.320	0.303	12.9	1.354	0.1	0.520	-0.262	-26.8	0.582
248746.8	843199.7	119.5	10.268	4.794	25.0	11.332	4.2	9.018	1.327	0.304	12.9	1.361	0.1	0.569	-0.271	-25.5	0.630
248745.9	843199.2	119.6	10.337	4.829	25.0	11.410	4.2	9.080	1.333	0.306	12.9	1.368	0.1	0.614	-0.278	-24.4	0.674
248745.1	843198.7	119.7	10.404	4.863	25.1	11.484	4.3	9.139	1.340	0.307	12.9	1.374	0.1	0.649	-0.284	-23.6	0.708
248744.2	843198.2	119.8	10.464	4.894	25.1	11.552	4.3	9.192	1.346	0.309	12.9	1.381	0.1	0.666	-0.285	-23.2	0.724
248743.3	843197.7	119.9	10.524	4.925	25.1	11.619	4.4	9.246	1.353	0.310	12.9	1.389	0.1	0.679	-0.285	-22.8	0.736
248742.5	843197.2	120.0	10.586	4.957	25.1	11.689	4.4	9.302	1.361	0.312	12.9	1.396	0.1	0.693	-0.285	-22.4	0.749
248741.6	843196.7	120.1	10.651	4.991	25.1	11.763	4.5	9.360	1.368	0.313	12.9	1.403	0.1	0.710	-0.286	-22.0	0.766
248740.8	843196.1	120.1	10.718	5.025	25.1	11.837	4.5	9.420	1.375	0.315	12.9	1.411	0.1	0.726	-0.287	-21.6	0.781
248739.9	843195.6	120.2	10.784	5.060	25.1	11.912	4.6	9.480	1.383	0.317	12.9	1.419	0.1	0.739	-0.287	-21.3	0.793
248739.0	843195.1	120.3	10.852	5.095	25.1	11.988	4.7	9.540	1.391	0.318	12.9	1.427	0.1	0.750	-0.287	-20.9	0.803
248738.2	843194.6	120.4	10.926	5.132	25.2	12.071	4.7	9.606	1.399	0.320	12.9	1.435	0.1	0.773	-0.290	-20.5	0.825
248737.3	843194.1	120.5	11.000	5.171	25.2	12.155	4.8	9.673	1.407	0.321	12.9	1.443	0.1	0.793	-0.291	-20.2	0.844
248736.4	843193.6	120.6	11.077	5.210	25.2	12.241	4.8	9.741	1.415	0.323	12.9	1.452	0.2	0.813	-0.294	-19.8	0.865
248735.6	843193.1	120.7	11.153	5.249	25.2	12.327	4.9	9.809	1.424	0.325	12.9	1.460	0.2	0.831	-0.295	-19.5	0.882
248734.7	843192.6	120.8	11.230	5.289	25.2	12.413	4.9	9.878	1.432	0.326	12.8	1.469	0.2	0.847	-0.296	-19.3	0.897
248733.8	843192.1	120.9	11.307	5.328	25.2	12.499	5.0	9.947	1.440	0.328	12.8	1.477	0.2	0.861	-0.297	-19.0	0.910
248733.0	843191.6	121.1	11.396	5.373	25.2	12.599	5.0	10.026	1.449	0.330	12.8	1.486	0.2	0.897	-0.302	-18.6	0.947
248732.1	843191.1	121.2	11.487	5.419	25.3	12.701	5.1	10.107	1.458	0.331	12.8	1.495	0.2	0.934	-0.308	-18.3	0.984
248731.2	843190.6	121.3	11.578	5.465	25.3	12.803	5.1	10.189	1.466	0.333	12.8	1.503	0.2	0.970	-0.314	-18.0	1.019
248730.4	843190.1	121.4	11.670	5.512	25.3	12.906	5.2	10.271	1.475	0.334	12.8	1.512	0.2	1.004	-0.320	-17.7	1.054
248729.5	843189.6	121.6	11.762	5.559	25.3	13.010	5.2	10.353	1.483	0.336	12.7	1.521	0.2	1.037	-0.325	-17.4	1.086
248728.7	843189.1	121.7	11.860	5.608	25.3	13.119	5.3	10.440	1.492	0.337	12.7	1.530	0.2	1.078	-0.332	-17.1	1.128
248727.8	843188.6	121.8	11.958	5.657	25.3	13.229	5.3	10.527	1.501	0.338	12.7	1.538	0.2	1.118	-0.339	-16.9	1.168
248726.9	843188.1	122.0	12.064	5.711	25.3	13.347	5.4	10.622	1.509	0.340	12.7	1.547	0.2	1.173	-0.349	-16.6	1.224
248726.1	843187.6	122.1	12.172	5.765	25.3	13.469	5.4	10.718	1.517	0.341	12.7	1.555	0.2	1.230	-0.360	-16.3	1.282
248725.2	843187.1	122.2	12.281	5.819	25.4	13.590	5.5	10.814	1.526	0.342	12.6	1.564	0.2	1.286	-0.370	-16.1	1.338
248724.3	843186.6	122.4	12.383	5.871	25.4	13.704	5.5	10.905	1.534	0.343	12.6	1.572	0.2	1.327	-0.377	-15.9	1.380
248723.5	843186.1	122.5	12.485	5.924	25.4	13.819	5.6	10.997	1.542	0.344	12.6	1.580	0.2	1.369	-0.384	-15.7	1.421
248722.6	843185.6	122.6	12.588	5.976	25.4	13.935	5.6	11.089	1.550	0.345	12.6	1.588	0.2	1.410	-0.391	-15.5	1.463
248721.7	843185.1	122.8	12.691	6.030	25.4	14.051	5.7	11.181	1.557	0.346	12.5	1.595	0.2	1.451	-0.398	-15.4	1.505
248720.9	843184.6	122.9	12.799	6.085	25.4	14.172	5.7	11.278	1.565	0.347	12.5	1.603	0.2	1.499	-0.407	-15.2	1.554
248720.0	843184.1	123.1	12.913	6.143	25.4	14.299	5.8	11.379	1.572	0.347	12.5	1.610	0.2	1.558	-0.418	-15.0	1.614
248719.1	843183.6	123.2	13.002	6.191	25.5	14.401	5.8	11.460	1.579	0.348	12.4	1.616	0.3	1.572	-0.419	-14.9	1.627
248718.3	843183.1	123.3	13.092	6.240	25.5	14.503	5.9	11.541	1.585	0.348	12.4	1.623	0.3	1.586	-0.420	-14.8	1.641
248717.4	843182.6	123.4	13.182	6.289	25.5	14.605	5.9	11.622	1.591	0.348	12.3	1.629	0.3	1.601	-0.421	-14.7	1.655
248716.6	843182.1	123.5	13.343	6.394	25.6	14.796	6.1	11.774	1.607	0.356	12.5	1.647	0.3	1.713	-0.489	-15.9	1.781
248715.7	843181.6	123.6	13.440	6.447	25.6	14.907	6.1	11.862	1.613	0.356	12.5	1.652	0.3	1.744	-0.494	-15.8	1.812
248714.8	843181.1	123.7	13.525	6.495	25.6	15.004	6.2	11.940	1.618	0.356	12.4	1.657	0.3	1.752	-0.494	-15.7	1.821
248714.0	843180.6	123.9	13.610	6.542	25.7	15.101	6.2	12.017	1.623	0.356	12.4	1.662	0.3	1.762	-0.494	-15.7	1.830
248713.1	843180.0	124.0	13.695	6.591	25.7	15.199	6.3	12.095	1.628	0.355	12.3	1.666	0.3	1.772	-0.495	-15.6	1.840
248712.2	843179.5	124.1	13.787	6.642	25.7	15.303	6.3	12.178	1.632	0.354	12.3	1.670	0.3	1.794	-0.498	-15.5	1.861
248711.4	843179.0	124.2	13.878	6.693	25.7	15.408	6.4	12.261	1.636	0.354	12.2	1.674	0.3	1.816	-0.501	-15.4	1.884
248710.5	843178.5	124.3	13.970	6.745	25.8	15.513	6.4	12.345	1.639	0.352	12.1	1.677	0.3	1.840	-0.504	-15.3	1.908
248709.6	843178.0	124.4	14.061	6.797	25.8	15.618	6.5	12.428	1.643	0.351	12.1	1.680	0.3	1.864	-0.507	-15.2	1.932
248708.8	843177.5	124.5	14.153	6.850	25.8	15.723	6.5	12.512	1.645	0.350	12.0	1.682	0.3	1.890	-0.511	-15.1	1.958
248707.9	843177.0	124.7	14.246	6.903	25.9	15.831	6.6	12.598	1.648	0.348	11.9	1.684	0.3	1.920	-0.516	-15.0	1.988
248707.0	843176.5	124.8	14.340	6.957	25.9	15.939	6.6	12.684	1.650	0.346	11.9	1.686	0.3	1.950	-0.520	-14.9	2.018
248706.2	843176.0	124.9	14.433	7.012	25.9	16.046	6.7	12.769	1.651	0.344	11.8	1.687	0.3	1.982	-0.525	-14.8	2.050
248705.3	843175.5	125.0	14.516	7.062	25.9	16.142	6.7	12.846	1.652	0.342	11.7	1.687	0.3	1.996	-0.526	-14.8	2.064
248704.5	843175.0	125.1	14.593	7.110	26.0	16.233	6.8	12.918	1.653	0.340	11.6	1.687	0.3	2.004	-0.526	-14.7	2.072
248703.6	843174.5	125.2	14.685	7.165	26.0	16.340	6.8	13.003	1.653	0.337	11.5	1.687	0.3	2.037	-0.531	-14.6	2.105
248702.7	843174.0	125.3	14.787	7.224	26.0	16.458	6.9	13.097	1.653	0.334	11.4	1.687	0.3	2.088	-0.539	-14.5	2.156
248701.9	843173.5	125.5	14.889	7.284	26.1	16.575	6.9	13.190	1.653	0.331	11.3	1.685	0.3	2.139	-0.547	-14.3	2.208
248701.0	843173.0	125.6	14.991	7.344	26.1	16.694	7.0	13.284	1.651	0.327	11.2	1.684	0.3	2.191	-0.555	-14.2	2.260
248700.1	843172.5	125.7	15.071	7.395	26.1	16.787	7.0	13.359	1.650	0.323	11.1	1.681	0.3	2.210	-0.556	-14.1	2.279
248699.3	843172.0	125.8	15.132	7.440	26.2	16.862	7.1	13.419	1.647	0.319	11.0	1.678	0.3	2.203	-0.553	-14.1	2.271
248698.4	843171.5	125.9	15.193	7.484	26.2	16.936	7.2	13.478	1.644	0.315	10.9	1.674	0.3	2.197	-0.550	-14.0	2.265
248697.5	843171.0	126.0	15.253	7.528	26.3	17.010	7.2	13.536	1.641	0.311	10.7	1.670	0.3	2.193	-0.547	-14.0	2.260
248696.7	843170.5	126.1	15.313	7.573	26.3	17.083	7.3	13.594	1.637	0.306	10.6	1.665	0.3	2.190	-0.544	-13.9	2.256
248695.8	843170.0	126.2	15.380	7.620	26.4	17.164	7.4	13.659	1.632	0.301	10.4	1.660	0.3	2.200	-0.543	-13.9	2.266

248695.0	843169.5	126.3	15.455	7.672	26.4	17.255	7.4	13.731	1.627	0.295	10.3	1.654	0.2	2.227	-0.545	-13.8	2.292
248694.1	843169.0	126.4	15.543	7.730	26.4	17.359	7.5	13.814	1.621	0.289	10.1	1.647	0.2	2.272	-0.551	-13.6	2.338
248693.2	843168.5	126.5	15.630	7.788	26.5	17.463	7.6	13.896	1.615	0.283	9.9	1.640	0.2	2.318	-0.556	-13.5	2.384
248692.4	843168.0	126.6	15.707	7.841	26.5	17.555	7.6	13.970	1.608	0.277	9.8	1.632	0.2	2.352	-0.559	-13.4	2.417
248691.5	843167.5	126.7	15.773	7.891	26.6	17.637	7.7	14.035	1.601	0.270	9.6	1.623	0.2	2.373	-0.559	-13.3	2.438
248690.6	843167.0	126.8	15.820	7.933	26.6	17.698	7.8	14.083	1.592	0.263	9.4	1.614	0.2	2.369	-0.555	-13.2	2.433
248689.8	843166.5	126.9	15.866	7.975	26.7	17.757	7.8	14.131	1.583	0.256	9.2	1.604	0.2	2.367	-0.550	-13.1	2.430
248688.9	843166.0	126.9	15.867	7.998	26.8	17.769	7.9	14.140	1.573	0.248	8.9	1.593	0.3	2.307	-0.537	-13.1	2.369
248688.0	843165.5	127.0	15.899	8.034	26.8	17.814	8.0	14.176	1.563	0.239	8.7	1.581	0.3	2.294	-0.532	-13.0	2.355
248687.2	843165.0	127.1	15.941	8.076	26.9	17.870	8.1	14.220	1.552	0.231	8.5	1.569	0.3	2.296	-0.528	-13.0	2.356
248686.3	843164.4	127.2	15.981	8.116	26.9	17.924	8.2	14.264	1.540	0.222	8.2	1.556	0.3	2.299	-0.524	-12.8	2.358
248685.4	843163.9	127.2	16.021	8.157	27.0	17.978	8.3	14.306	1.528	0.213	7.9	1.543	0.4	2.303	-0.520	-12.7	2.361
248684.6	843163.4	127.3	16.058	8.198	27.0	18.030	8.4	14.348	1.515	0.203	7.6	1.529	0.4	2.309	-0.516	-12.6	2.366
248683.7	843162.9	127.4	16.095	8.238	27.1	18.081	8.5	14.388	1.502	0.193	7.3	1.514	0.5	2.315	-0.512	-12.5	2.371
248682.9	843162.4	127.5	16.130	8.278	27.2	18.130	8.6	14.427	1.488	0.183	7.0	1.499	0.6	2.322	-0.507	-12.3	2.376
248682.0	843161.9	127.6	16.163	8.318	27.2	18.178	8.6	14.465	1.473	0.172	6.7	1.483	0.6	2.329	-0.502	-12.2	2.383
248681.1	843161.4	127.7	16.195	8.357	27.3	18.224	8.7	14.502	1.458	0.161	6.3	1.467	0.7	2.337	-0.496	-12.0	2.389
248680.3	843160.9	127.7	16.210	8.389	27.4	18.252	8.9	14.525	1.442	0.149	5.9	1.450	0.8	2.328	-0.488	-11.9	2.379
248679.4	843160.4	127.8	16.210	8.415	27.4	18.263	9.0	14.534	1.426	0.137	5.5	1.432	0.9	2.303	-0.479	-11.7	2.352
248678.5	843159.9	127.8	16.207	8.439	27.5	18.273	9.1	14.541	1.409	0.125	5.1	1.414	1.0	2.280	-0.469	-11.6	2.327
248677.7	843159.4	127.9	16.203	8.463	27.6	18.280	9.2	14.547	1.391	0.112	4.6	1.395	1.1	2.257	-0.459	-11.5	2.303
248676.8	843158.9	128.0	16.197	8.487	27.7	18.285	9.3	14.551	1.373	0.100	4.1	1.376	1.2	2.235	-0.449	-11.4	2.280
248675.9	843158.4	128.0	16.188	8.509	27.7	18.288	9.5	14.553	1.354	0.086	3.7	1.357	1.3	2.215	-0.438	-11.2	2.257
248675.1	843157.9	128.1	16.178	8.531	27.8	18.289	9.6	14.554	1.334	0.073	3.1	1.336	1.5	2.194	-0.427	-11.0	2.236
248674.2	843157.4	128.1	16.165	8.552	27.9	18.288	9.7	14.553	1.315	0.060	2.6	1.316	1.6	2.175	-0.416	-10.8	2.214
248673.3	843156.9	128.2	16.150	8.572	28.0	18.284	9.8	14.550	1.294	0.048	2.1	1.295	1.8	2.156	-0.404	-10.6	2.194
248672.5	843156.4	128.3	16.133	8.591	28.0	18.278	10.0	14.545	1.273	0.037	1.7	1.274	2.0	2.138	-0.391	-10.4	2.174
248671.6	843155.9	128.3	16.114	8.609	28.1	18.270	10.1	14.539	1.252	0.030	1.4	1.252	2.2	2.121	-0.377	-10.1	2.154
248670.8	843155.4	128.4	16.096	8.628	28.2	18.262	10.3	14.533	1.230	0.031	1.5	1.231	2.5	2.106	-0.363	-9.8	2.138
248669.9	843154.9	128.4	16.083	8.650	28.3	18.262	10.4	14.532	1.208	0.040	1.9	1.209	2.8	2.101	-0.348	-9.4	2.129
248669.0	843154.4	128.5	16.069	8.670	28.4	18.259	10.6	14.530	1.186	0.053	2.6	1.187	3.2	2.095	-0.331	-9.0	2.121
248668.2	843153.9	128.6	16.052	8.690	28.4	18.253	10.7	14.525	1.163	0.068	3.4	1.165	3.6	2.089	-0.313	-8.5	2.112
248667.3	843153.4	128.6	16.010	8.698	28.5	18.221	10.9	14.499	1.139	0.084	4.2	1.142	4.0	2.063	-0.295	-8.1	2.084
248666.4	843152.9	128.7	15.960	8.702	28.6	18.178	11.1	14.466	1.115	0.100	5.1	1.120	4.4	2.033	-0.277	-7.8	2.051
248665.6	843152.4	128.7	15.908	8.704	28.7	18.133	11.2	14.430	1.091	0.117	6.1	1.097	4.8	2.003	-0.258	-7.4	2.019
248664.7	843151.9	128.8	15.852	8.705	28.8	18.085	11.4	14.392	1.066	0.135	7.2	1.074	5.2	1.974	-0.239	-6.9	1.988
248663.8	843151.4	128.8	15.794	8.705	28.9	18.034	11.6	14.351	1.041	0.153	8.4	1.052	5.7	1.945	-0.219	-6.4	1.957
248663.0	843150.9	128.9	15.733	8.703	28.9	17.980	11.8	14.308	1.015	0.171	9.6	1.030	6.3	1.917	-0.198	-5.9	1.927
248662.1	843150.4	128.9	15.670	8.699	29.0	17.923	12.0	14.262	0.990	0.190	10.9	1.008	6.8	1.890	-0.176	-5.3	1.898
248661.2	843149.9	129.0	15.607	8.696	29.1	17.866	12.2	14.217	0.964	0.209	12.2	0.986	7.5	1.865	-0.152	-4.7	1.872
248660.4	843149.4	129.0	15.543	8.692	29.2	17.808	12.4	14.171	0.938	0.228	13.7	0.965	8.3	1.843	-0.128	-4.0	1.847
248659.5	843148.8	129.1	15.476	8.686	29.3	17.747	12.6	14.123	0.912	0.247	15.2	0.945	9.1	1.821	-0.102	-3.2	1.823
248658.7	843148.3	129.1	15.405	8.679	29.4	17.682	12.8	14.071	0.885	0.266	16.7	0.925	9.9	1.798	-0.075	-2.4	1.799
248657.8	843147.8	129.2	15.332	8.670	29.5	17.613	13.0	14.016	0.859	0.286	18.4	0.905	10.9	1.775	-0.048	-1.5	1.775
248656.9	843147.3	129.2	15.255	8.659	29.6	17.542	13.2	13.959	0.833	0.306	20.1	0.887	11.9	1.752	-0.019	-0.6	1.752
248656.1	843146.8	129.2	15.176	8.647	29.7	17.467	13.5	13.900	0.806	0.325	22.0	0.869	12.9	1.729	0.011	0.3	1.730
248655.2	843146.3	129.3	15.094	8.634	29.8	17.389	13.7	13.838	0.780	0.345	23.9	0.853	14.1	1.707	0.041	1.4	1.707
248654.3	843145.8	129.3	14.997	8.612	29.9	17.294	13.9	13.762	0.753	0.364	25.8	0.837	15.1	1.677	0.069	2.4	1.678
248653.5	843145.3	129.4	14.872	8.574	30.0	17.166	14.2	13.661	0.726	0.383	27.8	0.821	15.8	1.633	0.089	3.1	1.635
248652.6	843144.8	129.4	14.744	8.535	30.1	17.036	14.5	13.557	0.699	0.402	29.9	0.806	16.5	1.590	0.109	3.9	1.594
248651.7	843144.3	129.4	14.614	8.495	30.2	16.903	14.8	13.451	0.672	0.421	32.1	0.793	17.2	1.549	0.129	4.8	1.554
248650.9	843143.8	129.4	14.482	8.453	30.3	16.769	15.0	13.344	0.645	0.440	34.3	0.781	17.9	1.509	0.148	5.6	1.516
248650.0	843143.3	129.4	14.349	8.410	30.4	16.632	15.3	13.235	0.618	0.459	36.6	0.770	18.6	1.471	0.167	6.5	1.481
248649.1	843142.8	129.4	14.209	8.363	30.5	16.488	15.6	13.121	0.591	0.477	38.9	0.760	19.1	1.432	0.184	7.3	1.444
248648.3	843142.3	129.5	14.066	8.314	30.6	16.339	15.9	13.002	0.564	0.496	41.3	0.751	19.5	1.394	0.199	8.1	1.408
248647.4	843141.8	129.5	13.922	8.265	30.7	16.190	16.2	12.883	0.538	0.514	43.7	0.744	19.9	1.357	0.214	9.0	1.373
248646.6	843141.3	129.5	13.777	8.215	30.8	16.040	16.5	12.764	0.512	0.532	46.1	0.738	20.2	1.322	0.228	9.8	1.341
248645.7	843140.8	129.5	13.633	8.164	30.9	15.891	16.8	12.645	0.486	0.549	48.5	0.734	20.4	1.288	0.242	10.6	1.311
248644.8	843140.3	129.5	13.489	8.114	31.0	15.742	17.2	12.527	0.461	0.567	50.9	0.730	20.5	1.257	0.255	11.5	1.282
248644.0	843139.8	129.5	13.347	8.065	31.1	15.594	17.5	12.410	0.435	0.584	53.3	0.728	20.5	1.227	0.267	12.3	1.256
248643.1	843139.3	129.5	13.206	8.016	31.3	15.449	17.8	12.294	0.410	0.601	55.7	0.728	20.5	1.199	0.280	13.1	1.231
248642.2	843138.8	129.5	13.068	7.969	31.4	15.306	18.1	12.180	0.386	0.618	58.0	0.729	20.4	1.172	0.291	14.0	1.207
248641.4	843138.3	129.5	12.933	7.923	31.5	15.167	18.4	12.070	0.362	0.635	60.3	0.730	20.3	1.147	0.303	14.8	1.186
248640.5	843137.8	129.6	12.806	7.881	31.6	15.037	18.7	11.966	0.338	0.651	62.6	0.734	20.2	1.124	0.317	15.7	1.168
248639.6	843137.3	129.6	12.683	7.842	31.7	14.911	19.0	11.866	0.315	0.668	64.8	0.738	20.0	1.103	0.330	16.7	1.151
248638.8	843136.8	129.6	12.554	7.798	31.8	14.778	19.3	11.760	0.291	0.684	66.9	0.743	19.5	1.080	0.336	17.3	1.131
248637.9	843136.3	129.6	12.466	7.779	32.0	14.694	19.6	11.693	0.270	0.701	68.9	0.751	19.7	1.066	0.366	19.0	1.127
248637.1	843135.8	129.7	12.397	7.771	32.1	14.631	19.8	11.643	0.251	0.717	70.7	0.760	20.1	1.054	0.406	21.1	1.130
248636.2	843135.3	129.7	12.330	7.764	32.2	14.571	20.1	11.595	0.233	0.734	72.4	0.770	20.4	1.041	0.445	23.1	1.132
248635.3	843134.8	129.7	12.254	7.750	32.3	14.499	20.3	11.538	0.215	0.751	74.0	0.781	20.2	1.024	0.471	24.7	1.127
248634.5	843134.3	129.8	12.187	7.741	32.4	14.438	20.5	11.489	0.198	0.768	75.5	0.793	20.1	1.007	0.499	26.4	1.124
248633.6	843133.8	129.7	12.055	7.690	32.5	14.299	20.8	11.379	0.176	0.785	77.3	0.804	18.6	0.982	0.470	25.6	1.089
248632.7	843133.2	129.8	12.060	7.724	32.6	14.322	20.9	11.397	0.170	0.803	78.0	0.820	19.3	0.969	0.543	29.3	1.111
248631.9	843132.7	129.9	12.081	7.769	32.7	14.363	21.1	11.430	0.169	0.821	78.4	0.838	20.0	0.953	0.625	33.2	1.139

Max EF along centerline is 1.687 (kV/m) at 164.000 (m) from structure [redacted]-6T

Cross section results at max EF along centerline between structures [redacted]-6T and [redacted]/[redacted]-7





3D EMF Point Results Span from [redacted]-6T to [redacted]-7:

Measurement			B					H	EF					Space Potential			
X (m)	Y (m)	Z (m)	Real (uT)	Imaginary (uT)	Angle (deg)	Magnitude (uT)	Polarization Axial Ratio %	Magnitude (A/m)	Real (kV/m)	Imaginary (kV/m)	Angle (deg)	Magnitude (kV/m)	Polarization Axial Ratio %	Real (kV)	Imaginary (kV)	Angle (deg)	Magnitude (kV)
248712.1	843161.9	124.6	9.049	4.486	26.4	10.100	13.2	8.037	1.150	0.355	17.1	1.203	0.0	0.616	-0.160	-14.6	0.636
248711.6	843162.7	124.7	9.447	4.651	26.2	10.530	12.9	8.380	1.225	0.367	16.7	1.278	0.1	0.719	-0.191	-14.8	0.744
248711.1	843163.6	124.7	9.848	4.818	26.1	10.963	12.6	8.724	1.299	0.378	16.2	1.352	0.1	0.818	-0.219	-15.0	0.847
248710.6	843164.5	124.7	10.249	4.985	25.9	11.397	12.2	9.070	1.371	0.387	15.8	1.424	0.1	0.915	-0.245	-15.0	0.947
248710.1	843165.3	124.8	10.652	5.154	25.8	11.833	11.8	9.417	1.439	0.395	15.4	1.493	0.1	1.013	-0.271	-15.0	1.049
248709.6	843166.2	124.8	11.054	5.324	25.7	12.269	11.4	9.764	1.504	0.401	14.9	1.556	0.1	1.113	-0.297	-14.9	1.152
248709.1	843167.1	124.8	11.453	5.496	25.6	12.703	11.0	10.109	1.562	0.406	14.6	1.614	0.1	1.214	-0.323	-14.9	1.257
248708.6	843167.9	124.9	11.846	5.668	25.6	13.132	10.6	10.450	1.614	0.408	14.2	1.664	0.0	1.315	-0.348	-14.8	1.360
248708.1	843168.8	124.9	12.231	5.841	25.5	13.554	10.1	10.786	1.657	0.408	13.8	1.706	0.0	1.414	-0.372	-14.8	1.462

248707.6	843169.7	124.9	12.601	6.013	25.5	13.962	9.7	11.111	1.691	0.406	13.5	1.739	0.1	1.503	-0.394	-14.7	1.554
248707.1	843170.5	124.9	12.968	6.189	25.5	14.369	9.2	11.434	1.714	0.402	13.2	1.761	0.1	1.605	-0.420	-14.7	1.659
248706.6	843171.4	125.0	13.319	6.366	25.5	14.762	8.7	11.747	1.727	0.395	12.9	1.772	0.1	1.701	-0.444	-14.6	1.758
248706.1	843172.2	125.0	13.653	6.542	25.6	15.139	8.3	12.047	1.728	0.386	12.6	1.771	0.2	1.789	-0.466	-14.6	1.849
248705.6	843173.1	125.0	13.968	6.719	25.7	15.500	7.8	12.335	1.717	0.374	12.3	1.758	0.2	1.868	-0.487	-14.6	1.931
248705.1	843174.0	125.1	14.264	6.896	25.8	15.844	7.3	12.608	1.695	0.360	12.0	1.733	0.3	1.937	-0.506	-14.6	2.002
248704.6	843174.8	125.1	14.540	7.074	25.9	16.170	6.9	12.868	1.661	0.343	11.7	1.696	0.3	1.994	-0.523	-14.7	2.061
248704.1	843175.7	125.2	14.822	7.264	26.1	16.506	6.4	13.135	1.616	0.324	11.3	1.649	0.3	2.079	-0.545	-14.7	2.149
248703.6	843176.6	125.2	15.098	7.462	26.3	16.841	6.0	13.402	1.562	0.301	10.9	1.590	0.3	2.169	-0.568	-14.7	2.242
248703.0	843177.4	125.3	15.348	7.659	26.5	17.153	5.6	13.650	1.497	0.275	10.4	1.522	0.3	2.228	-0.584	-14.7	2.303
248702.5	843178.3	125.3	15.583	7.860	26.8	17.453	5.2	13.888	1.424	0.246	9.8	1.445	0.3	2.271	-0.595	-14.7	2.348
248702.0	843179.2	125.4	15.805	8.066	27.0	17.744	4.8	14.120	1.343	0.214	9.1	1.360	0.2	2.299	-0.603	-14.7	2.377
248701.5	843180.0	125.5	16.018	8.279	27.3	18.031	4.5	14.349	1.256	0.178	8.1	1.268	0.3	2.314	-0.605	-14.7	2.392
248701.0	843180.9	125.5	16.228	8.502	27.7	18.320	4.2	14.579	1.162	0.139	6.8	1.170	0.6	2.318	-0.603	-14.6	2.395
248700.5	843181.8	125.6	16.421	8.728	28.0	18.597	3.9	14.799	1.062	0.096	5.1	1.067	1.0	2.293	-0.593	-14.5	2.368
248700.0	843182.6	125.6	16.614	8.966	28.4	18.879	3.7	15.023	0.958	0.050	3.0	0.959	1.8	2.256	-0.578	-14.4	2.329
248699.5	843183.5	125.7	16.810	9.216	28.7	19.171	3.5	15.256	0.849	0.027	1.8	0.849	3.1	2.207	-0.556	-14.1	2.276
248699.0	843184.3	125.7	17.009	9.479	29.1	19.472	3.3	15.495	0.736	0.075	5.8	0.740	5.3	2.145	-0.528	-13.8	2.209
248698.5	843185.2	125.8	17.216	9.758	29.5	19.789	3.2	15.748	0.619	0.139	12.6	0.635	8.8	2.072	-0.493	-13.4	2.130
248698.0	843186.1	125.8	17.437	10.056	30.0	20.129	3.1	16.018	0.499	0.211	23.0	0.542	14.7	1.990	-0.450	-12.7	2.040
248697.5	843186.9	125.9	17.673	10.376	30.4	20.493	3.1	16.308	0.376	0.292	37.8	0.476	23.1	1.898	-0.397	-11.8	1.939
248697.0	843187.8	125.9	17.927	10.719	30.9	20.887	3.1	16.621	0.254	0.381	56.3	0.458	29.6	1.795	-0.335	-10.6	1.826

Centerline results between structures [redacted]/[redacted]-8 and [redacted]-9T

3D EMF Point Results Centerline from [redacted]/[redacted]-8 to [redacted]-9T:

Measurement			B					H	EF					Space Potential				
X (m)	Y (m)	Z (m)	Real (uT)	Imaginary (uT)	Angle (deg)	Magnitude (uT)	Polarization Axial Ratio %	Magnitude (A/m)	Real (kV/m)	Imaginary (kV/m)	Angle (deg)	Magnitude (kV/m)	Polarization Axial Ratio %	Real (kV)	Imaginary (kV)	Angle (deg)	Magnitude (kV)	
248290.5	842781.2	141.9	7.948	5.051	32.4	9.418	26.3	7.494	0.219	0.569	69.0	0.610	21.2	0.900	0.542	31.1	1.051	
248289.9	842780.4	142.0	8.008	5.078	32.4	9.482	26.2	7.546	0.228	0.567	68.1	0.611	21.7	0.915	0.553	31.2	1.070	
248289.3	842779.6	142.0	8.077	5.110	32.3	9.558	26.1	7.606	0.237	0.565	67.2	0.612	22.2	0.932	0.566	31.3	1.091	
248288.7	842778.8	142.1	8.157	5.148	32.3	9.646	25.9	7.676	0.247	0.563	66.3	0.615	22.8	0.951	0.581	31.4	1.115	
248288.1	842778.0	142.2	8.259	5.199	32.2	9.759	25.8	7.766	0.258	0.562	65.3	0.618	23.7	0.977	0.608	31.9	1.150	
248287.5	842777.2	142.3	8.367	5.251	32.1	9.878	25.6	7.861	0.269	0.561	64.4	0.622	24.6	1.002	0.632	32.2	1.185	
248286.9	842776.3	142.3	8.470	5.300	32.0	9.992	25.5	7.951	0.279	0.560	63.5	0.625	25.2	1.025	0.644	32.1	1.211	
248286.4	842775.5	142.3	8.533	5.324	32.0	10.058	25.3	8.004	0.287	0.559	62.8	0.628	24.6	1.031	0.617	30.9	1.201	
248285.8	842774.7	142.2	8.598	5.348	31.9	10.126	25.1	8.058	0.294	0.558	62.2	0.630	24.0	1.035	0.585	29.5	1.189	
248285.2	842773.9	142.2	8.673	5.378	31.8	10.205	24.9	8.121	0.302	0.557	61.5	0.634	23.5	1.041	0.558	28.2	1.181	
248284.6	842773.1	142.2	8.767	5.419	31.7	10.306	24.7	8.201	0.312	0.556	60.7	0.637	23.2	1.053	0.541	27.2	1.184	
248284.0	842772.3	142.2	8.868	5.463	31.6	10.416	24.5	8.289	0.321	0.555	59.9	0.642	23.0	1.066	0.526	26.3	1.189	
248283.4	842771.5	142.2	8.976	5.512	31.6	10.533	24.3	8.382	0.331	0.555	59.2	0.646	22.9	1.081	0.513	25.4	1.197	
248282.8	842770.7	142.2	9.091	5.565	31.5	10.658	24.0	8.482	0.342	0.554	58.3	0.651	22.8	1.098	0.501	24.5	1.207	
248282.2	842769.9	142.2	9.225	5.629	31.4	10.807	23.8	8.600	0.353	0.553	57.5	0.656	23.1	1.123	0.501	24.1	1.230	
248281.6	842769.1	142.2	9.367	5.697	31.3	10.963	23.6	8.724	0.364	0.553	56.6	0.662	23.4	1.151	0.504	23.6	1.256	
248281.0	842768.3	142.2	9.513	5.767	31.2	11.124	23.3	8.852	0.376	0.552	55.7	0.668	23.7	1.180	0.506	23.2	1.283	
248280.4	842767.5	142.1	9.643	5.827	31.1	11.267	23.1	8.966	0.388	0.551	54.9	0.673	23.7	1.201	0.495	22.4	1.299	
248279.8	842766.7	142.1	9.778	5.890	31.1	11.415	22.8	9.084	0.399	0.549	54.0	0.679	23.6	1.225	0.485	21.6	1.317	
248279.2	842765.9	142.1	9.908	5.951	31.0	11.558	22.6	9.197	0.411	0.548	53.1	0.685	23.5	1.246	0.471	20.7	1.332	
248278.6	842765.1	142.0	10.030	6.006	30.9	11.690	22.4	9.303	0.422	0.546	52.3	0.690	23.1	1.263	0.450	19.6	1.341	
248278.1	842764.3	142.0	10.154	6.063	30.8	11.826	22.1	9.411	0.433	0.544	51.4	0.695	22.8	1.282	0.430	18.5	1.352	
248277.5	842763.5	141.9	10.281	6.121	30.8	11.965	21.9	9.522	0.445	0.541	50.6	0.701	22.5	1.302	0.412	17.5	1.365	
248276.9	842762.7	141.9	10.411	6.180	30.7	12.107	21.7	9.634	0.457	0.539	49.7	0.707	22.2	1.323	0.394	16.6	1.380	
248276.3	842761.8	141.8	10.542	6.241	30.6	12.250	21.5	9.748	0.470	0.536	48.7	0.712	21.9	1.345	0.378	15.7	1.397	
248275.7	842761.0	141.8	10.667	6.298	30.6	12.388	21.3	9.858	0.482	0.532	47.8	0.718	21.6	1.365	0.358	14.7	1.411	
248275.1	842760.2	141.7	10.779	6.347	30.5	12.509	21.0	9.954	0.494	0.529	46.9	0.724	20.9	1.377	0.331	13.5	1.416	
248274.5	842759.4	141.6	10.887	6.393	30.4	12.625	20.8	10.047	0.506	0.525	46.0	0.729	20.2	1.387	0.302	12.3	1.420	
248273.9	842758.6	141.5	10.995	6.440	30.4	12.742	20.7	10.140	0.518	0.520	45.1	0.735	19.5	1.398	0.274	11.1	1.425	
248273.3	842757.8	141.4	11.104	6.487	30.3	12.860	20.5	10.234	0.531	0.516	44.2	0.740	18.8	1.410	0.247	10.0	1.431	
248272.7	842757.0	141.4	11.214	6.534	30.2	12.979	20.3	10.328	0.544	0.511	43.2	0.746	18.2	1.421	0.222	8.9	1.438	
248272.1	842756.2	141.3	11.324	6.582	30.2	13.098	20.1	10.423	0.557	0.506	42.3	0.753	17.5	1.433	0.197	7.8	1.447	
248271.5	842755.4	141.2	11.434	6.629	30.1	13.217	19.9	10.518	0.570	0.501	41.3	0.759	16.9	1.445	0.174	6.9	1.456	
248270.9	842754.6	141.1	11.545	6.677	30.0	13.336	19.7	10.613	0.584	0.496	40.3	0.766	16.3	1.458	0.152	6.0	1.466	
248270.4	842753.8	141.0	11.659	6.726	30.0	13.460	19.5	10.711	0.597	0.490	39.4	0.773	15.8	1.473	0.133	5.2	1.479	
248269.8	842753.0	141.0	11.788	6.784	29.9	13.601	19.3	10.823	0.612	0.484	38.4	0.780	15.5	1.497	0.122	4.6	1.502	
248269.2	842752.2	140.9	11.918	6.841	29.9	13.742	19.2	10.936	0.626	0.478	37.4	0.788	15.3	1.521	0.111	4.2	1.525	
248268.6	842751.4	140.8	12.039	6.893	29.8	13.873	19.0	11.039	0.641	0.472	36.4	0.796	14.9	1.540	0.097	3.6	1.543	
248268.0	842750.6	140.8	12.145	6.937	29.7	13.987	18.8	11.131	0.655	0.465	35.4	0.804	14.3	1.551	0.077	2.8	1.553	
248267.4	842749.8	140.7	12.256	6.983	29.7	14.106	18.6	11.225	0.670	0.459	34.4	0.812	13.8	1.564	0.060	2.2	1.565	
248266.8	842749.0	140.6	12.372	7.032	29.6	14.231	18.5	11.324	0.685	0.452	33.4	0.820	13.4	1.580	0.046	1.7	1.581	
248266.2	842748.2	140.5	12.488	7.081	29.6	14.355	18.3	11.424	0.700	0.445	32.4	0.829	13.0	1.596	0.032	1.2	1.597	
248265.6	842747.3	140.4	12.603	7.129	29.5	14.480	18.1	11.523	0.715	0.437	31.4	0.838	12.6	1.613	0.020	0.7	1.613	
248265.0	842746.5	140.4	12.719	7.177	29.4	14.604	18.0	11.622	0.731	0.430	30.5	0.848	12.2	1.629	0.008	0.3	1.629	
248264.4	842745.7	140.3	12.835	7.224	29.4	14.728	17.8	11.720	0.747	0.422	29.5	0.858	11.8	1.645	-0.004	-0.1	1.645	
248263.8	842744.9	140.2	12.950	7.271	29.3	14.852	17.7	11.819	0.763	0.415	28.5	0.868	11.4	1.661	-0.014	-0.5	1.661	
248263.2	842744.1	140.1	13.066	7.318	29.3	14.976	17.5	11.917	0.779	0.407	27.6	0.879	11.1	1.677	-0.024	-0.8	1.677	
248262.7	842743.3	140.0	13.181	7.364	29.2	15.099	17.3	12.015	0.795	0.399	26.6	0.889	10.7	1.692	-0.034	-1.1	1.693	
248262.1	842742.5	140.0	13.296	7.410	29.1	15.222	17.2	12.113	0.811	0.391	25.7	0.901	10.4	1.707	-0.043	-1.4	1.708	
248261.5	842741.7	139.9	13.411	7.456	29.1	15.344	17.0	12.211	0.828	0.383	24.8	0.912	10.1	1.722	-0.051	-1.7	1.723	
248260.9	842740.9	139.8	13.530	7.503	29.0	15.472	16.9	12.312	0.845	0.374	23.9	0.924	9.8	1.741	-0.058	-1.9	1.742	
248260.3	842740.1	139.8	13.684	7.568	28.9	15.638	16.7	12.444	0.863	0.366	23.0	0.937	10.0	1.784	-0.053	-1.7	1.785	
248259.7	842739.3	139.7	13.839	7.633	28.9	15.804	16.5	12.577	0.880	0.358	22.1	0.950	10.1	1.828	-0.049	-1.5	1.829	

248259.1	842738.5	139.7	13.988	7.694	28.8	15.964	16.4	12.704	0.898	0.349	21.3	0.964	10.1	1.868	-0.046	-1.4	1.869
248258.5	842737.7	139.6	14.109	7.741	28.8	16.093	16.2	12.807	0.916	0.341	20.4	0.977	9.9	1.889	-0.052	-1.6	1.889
248257.9	842736.9	139.5	14.200	7.773	28.7	16.188	16.1	12.882	0.932	0.332	19.6	0.990	9.4	1.886	-0.064	-2.0	1.887
248257.3	842736.1	139.4	14.288	7.802	28.6	16.279	16.0	12.954	0.949	0.322	18.8	1.003	8.9	1.880	-0.077	-2.3	1.882
248256.7	842735.3	139.3	14.382	7.834	28.6	16.377	15.8	13.033	0.967	0.313	18.0	1.016	8.5	1.879	-0.087	-2.7	1.881
248256.1	842734.5	139.2	14.475	7.866	28.5	16.475	15.7	13.110	0.984	0.304	17.2	1.030	8.1	1.876	-0.097	-2.9	1.879
248255.5	842733.7	139.1	14.568	7.897	28.5	16.571	15.6	13.187	1.001	0.295	16.4	1.044	7.7	1.873	-0.105	-3.2	1.876
248254.9	842732.8	139.0	14.661	7.928	28.4	16.667	15.4	13.263	1.019	0.285	15.6	1.058	7.3	1.869	-0.113	-3.5	1.872
248254.4	842732.0	138.9	14.752	7.958	28.3	16.762	15.3	13.339	1.036	0.276	14.9	1.072	7.0	1.863	-0.121	-3.7	1.867
248253.8	842731.2	138.8	14.843	7.988	28.3	16.856	15.2	13.414	1.054	0.266	14.2	1.087	6.6	1.856	-0.127	-3.9	1.860
248253.2	842730.4	138.7	14.933	8.017	28.2	16.949	15.0	13.488	1.072	0.256	13.4	1.102	6.3	1.847	-0.133	-4.1	1.852
248252.6	842729.6	138.6	15.023	8.045	28.2	17.042	14.9	13.561	1.090	0.247	12.7	1.117	6.0	1.837	-0.139	-4.3	1.842
248252.0	842728.8	138.6	15.112	8.073	28.1	17.133	14.8	13.634	1.108	0.237	12.1	1.133	5.7	1.826	-0.144	-4.5	1.831
248251.4	842728.0	138.5	15.200	8.100	28.1	17.224	14.7	13.706	1.126	0.227	11.4	1.149	5.4	1.812	-0.148	-4.7	1.818
248250.8	842727.2	138.4	15.288	8.128	28.0	17.315	14.5	13.778	1.144	0.217	10.7	1.165	5.1	1.798	-0.151	-4.8	1.804
248250.2	842726.4	138.3	15.380	8.156	27.9	17.409	14.4	13.853	1.163	0.207	10.1	1.181	4.9	1.785	-0.154	-4.9	1.791
248249.6	842725.6	138.2	15.470	8.184	27.9	17.502	14.3	13.927	1.182	0.197	9.5	1.198	4.6	1.769	-0.156	-5.0	1.776
248249.0	842724.8	138.1	15.560	8.211	27.8	17.594	14.2	14.001	1.201	0.188	8.9	1.215	4.4	1.752	-0.157	-5.1	1.759
248248.4	842724.0	138.0	15.650	8.238	27.8	17.686	14.1	14.074	1.220	0.178	8.3	1.233	4.2	1.732	-0.158	-5.2	1.739
248247.8	842723.2	137.9	15.747	8.268	27.7	17.786	13.9	14.153	1.240	0.168	7.7	1.251	4.0	1.718	-0.157	-5.2	1.725
248247.2	842722.4	137.9	15.864	8.308	27.6	17.908	13.8	14.251	1.260	0.158	7.1	1.270	3.9	1.720	-0.154	-5.1	1.726
248246.7	842721.6	137.8	15.981	8.347	27.6	18.029	13.7	14.347	1.280	0.148	6.6	1.289	3.8	1.720	-0.150	-5.0	1.726
248246.1	842720.8	137.7	16.097	8.385	27.5	18.150	13.5	14.444	1.301	0.139	6.1	1.308	3.7	1.717	-0.147	-4.9	1.724
248245.5	842720.0	137.6	16.213	8.423	27.5	18.271	13.4	14.539	1.322	0.129	5.6	1.328	3.7	1.713	-0.144	-4.8	1.719
248244.9	842719.2	137.6	16.326	8.459	27.4	18.387	13.3	14.632	1.343	0.119	5.1	1.348	3.5	1.704	-0.140	-4.7	1.709
248244.3	842718.3	137.5	16.438	8.494	27.3	18.503	13.2	14.724	1.364	0.110	4.6	1.369	3.4	1.692	-0.137	-4.6	1.697
248243.7	842717.5	137.4	16.550	8.529	27.3	18.619	13.0	14.816	1.386	0.100	4.1	1.390	3.3	1.677	-0.134	-4.6	1.683
248243.1	842716.7	137.4	16.661	8.564	27.2	18.733	12.9	14.908	1.408	0.091	3.7	1.411	3.2	1.661	-0.130	-4.5	1.666
248242.5	842715.9	137.3	16.772	8.598	27.1	18.848	12.8	14.998	1.431	0.082	3.3	1.433	3.1	1.641	-0.126	-4.4	1.646
248241.9	842715.1	137.2	16.890	8.635	27.1	18.969	12.7	15.095	1.453	0.073	2.9	1.455	3.0	1.626	-0.122	-4.3	1.630
248241.3	842714.3	137.2	17.021	8.677	27.0	19.106	12.6	15.204	1.477	0.065	2.5	1.478	2.9	1.622	-0.118	-4.1	1.627
248240.7	842713.5	137.1	17.153	8.720	26.9	19.242	12.4	15.312	1.500	0.057	2.2	1.501	2.8	1.617	-0.113	-4.0	1.621
248240.1	842712.7	137.1	17.331	8.782	26.9	19.429	12.3	15.461	1.525	0.052	2.0	1.526	2.9	1.656	-0.108	-3.7	1.660
248239.5	842711.9	137.1	17.516	8.847	26.8	19.623	12.1	15.615	1.550	0.049	1.8	1.550	3.0	1.702	-0.103	-3.5	1.705
248239.0	842711.1	137.1	17.702	8.911	26.7	19.818	12.0	15.771	1.575	0.049	1.8	1.575	3.1	1.747	-0.100	-3.3	1.749
248238.4	842710.3	137.0	17.889	8.976	26.6	20.014	11.8	15.927	1.600	0.050	1.8	1.601	3.1	1.791	-0.097	-3.1	1.794
248237.8	842709.5	137.0	18.056	9.031	26.6	20.189	11.7	16.066	1.625	0.053	1.9	1.626	3.1	1.816	-0.094	-3.0	1.818
248237.2	842708.7	137.0	18.223	9.086	26.5	20.363	11.6	16.204	1.651	0.058	2.0	1.652	3.1	1.838	-0.093	-2.9	1.840
248236.6	842707.9	136.9	18.391	9.140	26.4	20.537	11.4	16.343	1.676	0.063	2.2	1.678	3.1	1.859	-0.091	-2.8	1.862
248236.0	842707.1	136.9	18.559	9.194	26.4	20.711	11.3	16.482	1.702	0.070	2.4	1.704	3.0	1.880	-0.090	-2.8	1.883
248235.4	842706.3	136.9	18.718	9.244	26.3	20.876	11.2	16.613	1.728	0.078	2.6	1.730	3.0	1.891	-0.090	-2.7	1.893
248234.8	842705.5	136.8	18.847	9.281	26.2	21.009	11.1	16.718	1.754	0.085	2.8	1.756	2.9	1.870	-0.088	-2.7	1.872
248234.2	842704.7	136.7	18.977	9.317	26.1	21.140	10.9	16.823	1.779	0.093	3.0	1.782	2.7	1.846	-0.086	-2.7	1.848
248233.6	842703.8	136.7	19.106	9.353	26.1	21.272	10.8	16.928	1.805	0.101	3.2	1.808	2.6	1.821	-0.084	-2.6	1.823
248233.0	842703.0	136.6	19.234	9.388	26.0	21.403	10.7	17.032	1.831	0.110	3.4	1.834	2.5	1.793	-0.082	-2.6	1.795
248232.4	842702.2	136.6	19.366	9.425	26.0	21.537	10.6	17.139	1.858	0.119	3.7	1.861	2.4	1.766	-0.079	-2.6	1.768
248231.8	842701.4	136.5	19.516	9.468	25.9	21.691	10.5	17.261	1.884	0.128	3.9	1.889	2.3	1.757	-0.078	-2.5	1.759
248231.3	842700.6	136.5	19.666	9.511	25.8	21.845	10.4	17.384	1.912	0.138	4.1	1.917	2.2	1.745	-0.077	-2.5	1.747
248230.7	842699.8	136.4	19.816	9.554	25.7	21.999	10.3	17.506	1.939	0.148	4.4	1.945	2.1	1.731	-0.075	-2.5	1.733
248230.1	842699.0	136.4	19.966	9.596	25.7	22.152	10.1	17.628	1.967	0.158	4.6	1.974	2.0	1.715	-0.074	-2.5	1.716
248229.5	842698.2	136.3	20.116	9.638	25.6	22.306	10.0	17.751	1.996	0.168	4.8	2.003	1.9	1.695	-0.072	-2.4	1.697
248228.9	842697.4	136.3	20.267	9.680	25.5	22.460	9.9	17.873	2.025	0.178	5.0	2.033	1.8	1.673	-0.070	-2.4	1.674
248228.3	842696.6	136.3	20.417	9.721	25.5	22.613	9.8	17.995	2.054	0.188	5.2	2.063	1.7	1.647	-0.068	-2.4	1.648
248227.7	842695.8	136.2	20.602	9.775	25.4	22.803	9.7	18.146	2.085	0.199	5.5	2.095	1.7	1.656	-0.069	-2.4	1.657
248227.1	842695.0	136.2	20.842	9.851	25.3	23.053	9.5	18.345	2.117	0.210	5.7	2.127	1.7	1.723	-0.076	-2.5	1.725
248226.5	842694.2	136.2	21.085	9.926	25.2	23.305	9.4	18.545	2.150	0.222	5.9	2.161	1.7	1.790	-0.084	-2.7	1.792
248225.9	842693.4	136.2	21.330	10.001	25.1	23.559	9.2	18.747	2.183	0.233	6.1	2.195	1.7	1.856	-0.093	-2.9	1.859
248225.3	842692.6	136.2	21.578	10.077	25.0	23.815	9.1	18.951	2.217	0.245	6.3	2.230	1.7	1.921	-0.102	-3.0	1.924
248224.7	842691.8	136.2	21.821	10.150	24.9	24.066	9.0	19.151	2.251	0.256	6.5	2.265	1.6	1.979	-0.111	-3.2	1.982
248224.1	842691.0	136.2	22.040	10.213	24.9	24.291	8.8	19.330	2.285	0.267	6.7	2.301	1.6	2.006	-0.117	-3.3	2.010
248223.5	842690.1	136.2	22.261	10.276	24.8	24.519	8.7	19.511	2.320	0.279	6.8	2.337	1.6	2.032	-0.124	-3.5	2.036
248223.0	842689.3	136.2	22.484	10.339	24.7	24.747	8.6	19.693	2.356	0.290	7.0	2.373	1.5	2.056	-0.130	-3.6	2.060
248222.4	842688.5	136.2	22.712	10.403	24.6	24.982	8.5	19.880	2.392	0.301	7.2	2.411	1.5	2.083	-0.137	-3.8	2.088
248221.8	842687.7	136.2	22.944	10.468	24.5	25.219	8.3	20.069	2.428	0.313	7.3	2.448	1.4	2.111	-0.144	-3.9	2.116
248221.2	842686.9	136.2	23.178	10.533	24.4	25.459	8.2	20.259	2.465	0.324	7.5	2.487	1.4	2.137	-0.152	-4.1	2.143
248220.6	842686.1	136.2	23.413	10.598	24.4	25.700	8.1	20.451	2.503	0.336	7.6	2.525	1.3	2.162	-0.159	-4.2	2.168
248220.0	842685.3	136.1	23.650	10.663	24.3	25.943	7.9	20.644	2.541	0.347	7.8	2.565	1.2	2.185	-0.167	-4.4	2.192
248219.4	842684.5	136.1	23.889	10.727	24.2	26.187	7.8	20.839	2.580	0.359	7.9	2.605	1.2	2.207	-0.174	-4.5	2.214
248218.8	842683.7	136.1	24.130	10.792	24.1	26.433	7.7	21.035	2.619	0.371	8.1	2.645	1.1	2.228	-0.182	-4.7	2.235
248218.2	842682.9	136.1	24.373	10.856	24.0	26.681	7.6	21.232	2.659	0.382	8.2	2.686	1.1	2.248	-0.189	-4.8	2.256
248217.6	842682.1	136.1	24.649	10.932	23.9	26.965	7.4	21.458	2.700	0.394	8.3	2.729	1.1	2.302	-0.202	-5.0	2.311
248217.0	842681.3	136.1	24.939	11.011	23.8	27.262	7.3	21.694	2.742	0.406	8.4	2.772	1.0	2.368	-0.217	-5.2	2.378
248216.4	842680.5	136.2	25.277	11.105	23.7	27.609	7.2	21.971	2.785	0.418	8.5	2.816	1.0	2.485	-0.239	-5.5	2.496
248215.8	842679.7	136.2	25.620	11.200	23.6	27.961	7.0	22.251	2.828	0.431	8.7	2.861	1.0	2.604	-0.263	-5.8	2.618
248215.3	842678.9	136.2	25.969	11.295	23.5	28.319	6.9	22.535	2.872	0.443	8.8	2.906	1.0	2.727	-0.287	-6.0	2.742
248214.7	842678.1	136.2	26.322	11.391	23.4	28.681	6.7	22.824	2.916	0.455	8.9	2.952	1.0	2.852	-0.312	-6.2	2.869
248214.1	842677.3	136.3	26.681	11.487	23.3	29.049	6.6	23.117	2.961	0.468	9.0	2.998	1.0	2.980	-0.338	-6.5	2.999
248213.5	842676.5	136.3	27.045	11.584	23.2	29.421	6.4	23.413	3.006	0.480	9.1	3.044	1.0	3.111	-0.364	-6.7	3.132
248212.9	842675.6	136.3	27.409	11.679	23.1	29.794	6.3	23.709	3.052	0.492	9.2	3.091	0.9	3.240	-0.390	-6.9	3.263
248212.3	842674.8	136.3	27.684	11.745	23.0	30.073	6.2	23.931	3.096	0.504	9.2	3.137	0.9	3.268	-0.400	-7.0	3.292
248211.7	842674.0	136.3	27.921	11.798	22.9	30.312	6.1	24.121	3.139	0.516	9.3	3.181	0.8	3.252	-0.402	-7.0	3.277
248211.1	842673.2	136.3	28.160	11.851	22.8	30.552	6.0	24.313	3.183	0.527	9.4	3.226	0.8	3.236	-0.403	-7.1	3.261
248210.5	842672.4	136.2	28.400	11.904	22.7	30.794	5.9	24.505	3.227	0.539	9.5	3.272	0.7	3.220	-0.404	-7.2	3.245
248209.9	842671.6	136.2	28.642	11.956	22.7	31.037	5.8	24.699	3.271	0.551	9.6	3.317	0.7	3.203	-0.404	-7.2	3.228
248209.3	842670.8	136.2	28.863	12.002	22.6	31.259	5.7	24.875	3.316	0.562	9.6	3.363	0.7	3.161	-0.400	-7.2	3.186
248208.7	842670.0	136.1	29.061	12.041	22.5	31.457	5.6	25.032	3.360	0.574	9.7	3.409	0.6	3.090	-0.390	-7.2	3.115
248208.1	842669.2	136.1	29.291	12.088	22.4	31.687	5.5	25.216	3.405	0.586	9.8	3.455	0.6	3.052	-0.386	-7.2	3.076

248207.6	842668.4	136.1	29.522	12.136	22.3	31.919	5.4	25.400	3.452	0.597	9.8	3.503	0.6	3.011	-0.381	-7.2	3.035
248207.0	842667.6	136.0	29.754	12.183	22.3	32.151	5.3	25.585	3.498	0.609	9.9	3.551	0.5	2.969	-0.376	-7.2	2.993
248206.4	842666.8	136.0	30.020	12.240	22.2	32.420	5.2	25.799	3.546	0.621	9.9	3.600	0.5	2.962	-0.377	-7.3	2.986
248205.8	842666.0	136.0	30.373	12.321	22.1	32.777	5.1	26.083	3.597	0.633	10.0	3.652	0.6	3.047	-0.395	-7.4	3.072
248205.2	842665.2	136.0	30.730	12.403	22.0	33.139	5.0	26.371	3.648	0.645	10.0	3.704	0.6	3.133	-0.413	-7.5	3.160
248204.6	842664.4	136.0	31.093	12.486	21.9	33.506	4.9	26.663	3.699	0.656	10.1	3.757	0.6	3.221	-0.432	-7.6	3.250
248204.0	842663.6	136.1	31.515	12.584	21.8	33.934	4.8	27.004	3.753	0.668	10.1	3.812	0.6	3.371	-0.462	-7.8	3.402
248203.4	842662.8	136.1	31.953	12.686	21.7	34.379	4.6	27.358	3.808	0.680	10.1	3.868	0.7	3.535	-0.496	-8.0	3.569
248202.8	842662.0	136.1	32.400	12.788	21.5	34.832	4.5	27.719	3.863	0.692	10.2	3.924	0.7	3.704	-0.531	-8.2	3.742
248202.2	842661.1	136.1	32.841	12.887	21.4	35.279	4.4	28.074	3.918	0.703	10.2	3.981	0.7	3.863	-0.564	-8.3	3.904
248201.6	842660.3	136.1	33.238	12.973	21.3	35.680	4.3	28.393	3.973	0.717	10.2	4.037	0.8	3.993	-0.598	-8.5	4.038
248201.0	842659.5	136.1	33.565	13.039	21.2	36.009	4.2	28.655	4.026	0.728	10.2	4.092	0.8	4.027	-0.609	-8.6	4.073
248200.4	842658.7	136.1	33.889	13.104	21.1	36.335	4.1	28.914	4.080	0.739	10.3	4.146	0.8	4.057	-0.620	-8.7	4.104
248199.8	842657.9	136.1	34.217	13.168	21.0	36.664	4.0	29.176	4.134	0.749	10.3	4.201	0.8	4.091	-0.631	-8.8	4.139
248199.3	842657.1	136.1	34.544	13.232	21.0	36.992	3.9	29.437	4.188	0.760	10.3	4.256	0.8	4.123	-0.641	-8.8	4.172
248198.7	842656.3	136.1	34.867	13.294	20.9	37.316	3.8	29.695	4.242	0.771	10.3	4.311	0.9	4.151	-0.652	-8.9	4.202
248198.1	842655.5	136.1	35.194	13.356	20.8	37.643	3.7	29.955	4.296	0.781	10.3	4.366	0.9	4.184	-0.663	-9.0	4.236
248197.5	842654.7	136.0	35.541	13.423	20.7	37.991	3.7	30.233	4.350	0.791	10.3	4.421	0.9	4.240	-0.678	-9.1	4.294
248196.9	842653.9	136.0	35.925	13.498	20.6	38.377	3.6	30.540	4.405	0.801	10.3	4.477	0.9	4.336	-0.701	-9.2	4.392
248196.3	842653.1	136.0	36.314	13.573	20.5	38.768	3.5	30.850	4.460	0.811	10.3	4.533	0.9	4.438	-0.726	-9.3	4.497
248195.7	842652.3	136.0	36.707	13.649	20.4	39.163	3.4	31.165	4.515	0.821	10.3	4.589	1.0	4.547	-0.751	-9.4	4.609
248195.1	842651.5	136.0	37.097	13.723	20.3	39.554	3.3	31.476	4.570	0.831	10.3	4.644	1.0	4.655	-0.776	-9.5	4.720
248194.5	842650.7	136.0	37.483	13.795	20.2	39.941	3.2	31.784	4.623	0.840	10.3	4.699	1.0	4.764	-0.801	-9.5	4.831
248193.9	842649.9	136.0	37.874	13.868	20.1	40.333	3.1	32.096	4.676	0.849	10.3	4.753	1.0	4.881	-0.828	-9.6	4.951
248193.3	842649.1	136.0	38.269	13.940	20.0	40.729	3.1	32.411	4.729	0.858	10.3	4.806	1.0	5.009	-0.855	-9.7	5.081
248192.7	842648.3	136.0	38.608	13.998	19.9	41.067	3.0	32.680	4.779	0.867	10.3	4.857	1.1	5.085	-0.873	-9.7	5.159
248192.1	842647.5	135.9	38.817	14.025	19.9	41.273	2.9	32.844	4.825	0.876	10.3	4.904	1.0	5.038	-0.868	-9.8	5.112
248191.6	842646.6	135.9	39.026	14.051	19.8	41.479	2.9	33.008	4.870	0.884	10.3	4.949	1.0	4.999	-0.863	-9.8	5.072
248191.0	842645.8	135.8	39.235	14.077	19.7	41.684	2.9	33.171	4.913	0.892	10.3	4.994	1.0	4.967	-0.859	-9.8	5.040
248190.4	842645.0	135.8	39.471	14.109	19.7	41.917	2.8	33.356	4.956	0.899	10.3	5.037	1.0	4.971	-0.861	-9.8	5.045
248189.8	842644.2	135.8	39.756	14.153	19.6	42.200	2.8	33.582	4.999	0.907	10.3	5.081	1.0	5.033	-0.873	-9.8	5.109
248189.2	842643.4	135.7	40.060	14.200	19.5	42.502	2.7	33.822	5.041	0.915	10.3	5.124	1.1	5.123	-0.890	-9.9	5.199
248188.6	842642.6	135.7	40.365	14.247	19.4	42.805	2.7	34.063	5.082	0.922	10.3	5.165	1.1	5.222	-0.908	-9.9	5.300
248188.0	842641.8	135.7	40.671	14.294	19.4	43.110	2.6	34.306	5.122	0.929	10.3	5.205	1.1	5.330	-0.927	-9.9	5.410
248187.4	842641.0	135.6	40.979	14.341	19.3	43.416	2.6	34.549	5.161	0.936	10.3	5.245	1.1	5.448	-0.948	-9.9	5.530
248186.8	842640.2	135.6	41.126	14.351	19.2	43.558	2.6	34.662	5.194	0.942	10.3	5.279	1.1	5.418	-0.940	-9.8	5.499
248186.2	842639.4	135.5	41.205	14.346	19.2	43.631	2.5	34.721	5.225	0.948	10.3	5.311	1.1	5.328	-0.922	-9.8	5.407
248185.6	842638.6	135.4	41.291	14.342	19.2	43.711	2.5	34.784	5.256	0.954	10.3	5.342	1.1	5.252	-0.906	-9.8	5.330
248185.0	842637.8	135.4	41.403	14.344	19.1	43.817	2.5	34.869	5.287	0.960	10.3	5.373	1.1	5.209	-0.896	-9.8	5.286
248184.4	842637.0	135.3	41.512	14.346	19.1	43.921	2.5	34.951	5.317	0.965	10.3	5.404	1.1	5.170	-0.888	-9.7	5.245
248183.9	842636.2	135.2	41.618	14.347	19.0	44.021	2.5	35.031	5.348	0.971	10.3	5.435	1.1	5.134	-0.880	-9.7	5.209
248183.3	842635.4	135.2	41.721	14.348	19.0	44.119	2.5	35.109	5.378	0.976	10.3	5.465	1.1	5.101	-0.873	-9.7	5.175
248182.7	842634.6	135.1	42.031	14.394	18.9	44.427	2.4	35.354	5.413	0.980	10.3	5.501	1.2	5.277	-0.905	-9.7	5.354
248182.1	842633.8	135.1	42.345	14.440	18.8	44.740	2.4	35.603	5.448	0.985	10.2	5.537	1.2	5.463	-0.939	-9.8	5.543
248181.5	842633.0	135.1	42.662	14.487	18.8	45.055	2.4	35.853	5.483	0.990	10.2	5.571	1.3	5.657	-0.975	-9.8	5.740
248180.9	842632.1	135.1	42.980	14.533	18.7	45.371	2.3	36.105	5.517	0.994	10.2	5.605	1.3	5.859	-1.011	-9.8	5.945
248180.3	842631.3	135.0	43.161	14.550	18.6	45.548	2.3	36.246	5.545	0.998	10.2	5.634	1.3	5.938	-1.026	-9.8	6.026
248179.7	842630.5	134.9	43.270	14.552	18.6	45.652	2.3	36.328	5.569	1.002	10.2	5.659	1.3	5.958	-1.029	-9.8	6.046
248179.1	842629.7	134.9	43.376	14.552	18.5	45.752	2.3	36.408	5.592	1.005	10.2	5.682	1.3	5.985	-1.033	-9.8	6.074
248178.5	842628.9	134.8	43.478	14.553	18.5	45.849	2.3	36.485	5.612	1.008	10.2	5.702	1.3	6.021	-1.037	-9.8	6.109
248177.9	842628.1	134.7	43.468	14.529	18.5	45.832	2.3	36.472	5.627	1.012	10.2	5.717	1.3	5.960	-1.024	-9.7	6.048
248177.3	842627.3	134.6	43.421	14.499	18.5	45.778	2.3	36.429	5.639	1.015	10.2	5.729	1.2	5.877	-1.006	-9.7	5.963
248176.7	842626.5	134.6	43.371	14.468	18.4	45.720	2.3	36.383	5.648	1.017	10.2	5.739	1.2	5.801	-0.988	-9.7	5.885
248176.1	842625.7	134.5	43.316	14.436	18.4	45.658	2.3	36.334	5.656	1.020	10.2	5.747	1.2	5.732	-0.971	-9.6	5.814
248175.6	842624.9	134.4	43.257	14.403	18.4	45.592	2.4	36.281	5.662	1.022	10.2	5.754	1.2	5.670	-0.955	-9.6	5.750
248175.0	842624.1	134.3	43.194	14.370	18.4	45.522	2.4	36.225	5.667	1.025	10.2	5.759	1.2	5.613	-0.940	-9.5	5.691
248174.4	842623.3	134.2	43.127	14.336	18.4	45.448	2.4	36.166	5.670	1.027	10.3	5.763	1.2	5.561	-0.925	-9.4	5.637
248173.8	842622.5	134.1	43.056	14.302	18.4	45.369	2.4	36.104	5.673	1.029	10.3	5.765	1.2	5.512	-0.911	-9.4	5.587
248173.2	842621.7	134.0	42.986	14.268	18.4	45.292	2.4	36.042	5.675	1.030	10.3	5.768	1.2	5.471	-0.899	-9.3	5.544
248172.6	842620.9	134.0	42.946	14.241	18.3	45.245	2.4	36.005	5.678	1.032	10.3	5.771	1.2	5.465	-0.894	-9.3	5.538
248172.0	842620.1	133.9	42.902	14.213	18.3	45.195	2.5	35.965	5.680	1.033	10.3	5.774	1.2	5.461	-0.890	-9.3	5.533
248171.4	842619.3	133.8	42.860	14.185	18.3	45.147	2.5	35.926	5.683	1.034	10.3	5.776	1.2	5.463	-0.887	-9.2	5.535
248170.8	842618.5	133.7	42.664	14.126	18.3	44.942	2.5	35.764	5.681	1.035	10.3	5.774	1.2	5.320	-0.859	-9.2	5.389
248170.2	842617.6	133.6	42.641	14.103	18.3	44.913	2.5	35.740	5.684	1.035	10.3	5.778	1.2	5.348	-0.864	-9.2	5.417
248169.6	842616.8	133.5	42.614	14.079	18.3	44.879	2.5	35.714	5.687	1.036	10.3	5.781	1.2	5.376	-0.869	-9.2	5.446
248169.0	842616.0	133.5	42.582	14.055	18.3	44.842	2.5	35.684	5.690	1.036	10.3	5.783	1.2	5.405	-0.875	-9.2	5.475
248168.4	842615.2	133.4	42.546	14.030	18.3	44.800	2.6	35.651	5.691	1.036	10.3	5.785	1.2	5.434	-0.883	-9.2	5.505
248167.9	842614.4	133.3	42.506	14.004	18.2	44.754	2.6	35.614	5.693	1.036	10.3	5.786	1.3	5.464	-0.891	-9.3	5.536
248167.3	842613.6	133.2	42.462	13.978	18.2	44.704	2.6	35.574	5.693	1.035	10.3	5.786	1.3	5.496	-0.900	-9.3	5.569
248166.7	842612.8	133.2	42.414	13.951	18.2	44.650	2.6	35.531	5.692	1.035	10.3	5.785	1.3	5.530	-0.910	-9.3	5.604
248166.1	842612.0	133.1	42.362	13.924	18.2	44.592	2.6	35.485	5.689	1.034	10.3	5.782	1.3	5.567	-0.920	-9.4	5.643
248165.5	842611.2	133.0	42.231	13.880	18.2	44.454	2.6	35.375	5.683	1.033	10.3	5.776	1.2	5.536	-0.919	-9.4	5.612
248164.9	842610.4	132.9	42.035	13.823	18.2	44.249	2.7	35.212	5.673	1.032	10.3	5.766	1.2	5.448	-0.907	-9.4	5.523
248164.3	842609.6	132.8	42.063	13.813	18.2	44.273	2.7	35.232	5.667	1.030	10.3	5.760	1.2	5.593	-0.937	-9.5	5.671
248163.7	842608.8	132.8	42.111	13.807	18.2	44.317	2.7	35.266	5.659	1.029	10.3	5.752	1.2	5.766	-0.971	-9.6	5.848
248163.1	842608.0	132.7	41.826	13.732	18.2	44.022	2.7	35.032	5.639	1.027	10.3	5.732	1.2	5.621	-0.947	-9.6	5.700
248162.5	842607.2	132.5	41.162	13.580	18.3	43.344	2.8	34.492	5.607	1.025	10.4	5.700	1.1	5.106	-0.856	-9.5	5.177
248161.9	842606.4	132.4	41.068	13.545	18.3	43.244	2.8	34.413	5.588	1.023	10.4	5.681	1.1	5.171	-0.869	-9.5	5.244
248161.3	842605.6	132.3	40.971	13.510	18.2	43.141	2.8	34.330	5.568	1.021	10.4	5.660	1.1	5.242	-0.882	-9.6	5.316
248160.7	842604.8	132.3	40.927	13.486	18.2	43.091	2.8	34.291	5.547	1.018	10.4	5.640	1.1	5.375	-0.907	-9.6	5.451
248160.2	842604.0	132.2	40.905	13.466	18.2	43.065	2.8	34.270	5.526	1.016	10.4	5.618	1.1	5.537	-0.937	-9.6	5.616
248159.6	842603.1	132.2	40.881	13.447	18.2	43.036	2.9	34.247	5.504	1.014	10.4	5.596	1.1	5.703	-0.967	-9.6	5.785
248159.0	842602.3	132.1	40.853	13.427	18.2	43.003	2.9	34.220	5.481	1.011	10.5	5.574	1.2	5.870	-0.997	-9.6	5.954
248158.4	842601.5	131.9	40.256	13.289	18.3	42.393	2.9	33.735	5.441	1.008	10.5	5.533	1.1	5.471	-0.923	-9.6	5.548
248157.8	842600.7	131.8	39.789	13.177	18.3	41.914	3.0	33.354	5.404	1.005	10.5	5.497	1.0	5.199	-0.872	-9.5	5.271
248157.2	842599.9	131.7	39.606	13.125	18.3	41.724	3.0	33.203	5.377	1.002	10.6	5.469	1.1	5.217	-0.875	-9.5	5.290
248156.6	842599.1	131.6	39.421	13.073	18.3	41.532	3.0	33.050	5.349	0.999	10.6	5.442	1.1	5.231	-0.877	-9.5	5.304

248156.0	842598.3	131.5	39.233	13.020	18.4	41.337	3.0	32.895	5.323	0.996	10.6	5.415	1.1	5.241	-0.879	-9.5	5.314
248155.4	842597.5	131.4	39.042	12.967	18.4	41.139	3.1	32.738	5.297	0.993	10.6	5.390	1.1	5.244	-0.881	-9.5	5.318
248154.8	842596.7	131.3	38.734	12.889	18.4	40.822	3.1	32.485	5.269	0.989	10.6	5.361	1.1	5.122	-0.859	-9.5	5.193
248154.2	842595.9	131.2	38.324	12.789	18.5	40.401	3.1	32.150	5.240	0.986	10.7	5.332	1.1	4.886	-0.818	-9.5	4.954
248153.6	842595.1	131.1	38.060	12.720	18.5	40.130	3.2	31.934	5.216	0.983	10.7	5.308	1.1	4.797	-0.804	-9.5	4.864
248153.0	842594.3	131.0	37.796	12.651	18.5	39.857	3.2	31.717	5.194	0.980	10.7	5.285	1.1	4.699	-0.789	-9.5	4.765
248152.4	842593.5	130.9	37.624	12.602	18.5	39.679	3.2	31.575	5.175	0.977	10.7	5.267	1.1	4.692	-0.793	-9.6	4.758
248151.9	842592.7	130.8	37.565	12.578	18.5	39.614	3.2	31.524	5.162	0.975	10.7	5.253	1.1	4.797	-0.818	-9.7	4.866
248151.3	842591.9	130.8	37.502	12.553	18.5	39.547	3.2	31.470	5.149	0.972	10.7	5.240	1.1	4.892	-0.842	-9.8	4.964
248150.7	842591.1	130.7	37.340	12.506	18.5	39.379	3.2	31.337	5.134	0.969	10.7	5.225	1.1	4.877	-0.845	-9.8	4.950
248150.1	842590.3	130.6	37.078	12.438	18.5	39.109	3.3	31.122	5.118	0.967	10.7	5.208	1.1	4.748	-0.829	-9.9	4.820
248149.5	842589.5	130.5	36.815	12.370	18.6	38.838	3.3	30.906	5.102	0.964	10.7	5.192	1.1	4.612	-0.811	-10.0	4.683
248148.9	842588.6	130.4	36.653	12.324	18.6	38.670	3.3	30.772	5.090	0.962	10.7	5.180	1.1	4.580	-0.813	-10.1	4.651
248148.3	842587.8	130.4	36.605	12.303	18.6	38.617	3.3	30.731	5.081	0.959	10.7	5.171	1.1	4.666	-0.838	-10.2	4.741
248147.7	842587.0	130.3	36.658	12.304	18.6	38.668	3.3	30.771	5.075	0.957	10.7	5.165	1.1	4.859	-0.883	-10.3	4.938
248147.1	842586.2	130.3	36.708	12.304	18.5	38.715	3.3	30.809	5.070	0.955	10.7	5.159	1.1	5.046	-0.927	-10.4	5.131
248146.5	842585.4	130.3	36.743	12.301	18.5	38.748	3.3	30.834	5.063	0.953	10.7	5.152	1.2	5.217	-0.967	-10.5	5.305
248145.9	842584.6	130.2	36.667	12.274	18.5	38.667	3.3	30.770	5.052	0.951	10.7	5.141	1.1	5.269	-0.985	-10.6	5.360
248145.3	842583.8	130.1	36.403	12.207	18.5	38.395	3.3	30.554	5.035	0.948	10.7	5.124	1.1	5.122	-0.966	-10.7	5.212
248144.7	842583.0	130.0	36.168	12.146	18.6	38.153	3.3	30.361	5.018	0.946	10.7	5.106	1.1	5.006	-0.952	-10.8	5.096
248144.2	842582.2	130.0	36.054	12.111	18.6	38.034	3.4	30.267	5.002	0.944	10.7	5.091	1.0	5.025	-0.962	-10.8	5.117
248143.6	842581.4	129.9	36.082	12.107	18.5	38.059	3.4	30.287	4.990	0.942	10.7	5.078	1.1	5.201	-1.001	-10.9	5.296
248143.0	842580.6	129.9	36.107	12.103	18.5	38.081	3.4	30.304	4.976	0.939	10.7	5.064	1.1	5.376	-1.039	-10.9	5.475
248142.4	842579.8	129.8	35.931	12.055	18.5	37.899	3.4	30.159	4.955	0.937	10.7	5.043	1.1	5.339	-1.037	-11.0	5.438
248141.8	842579.0	129.7	35.610	11.976	18.6	37.570	3.4	29.897	4.929	0.934	10.7	5.017	1.0	5.148	-1.006	-11.1	5.245
248141.2	842578.2	129.6	35.241	11.886	18.6	37.192	3.4	29.596	4.901	0.932	10.8	4.989	1.0	4.904	-0.964	-11.1	4.998
248140.6	842577.4	129.5	34.875	11.796	18.7	36.816	3.4	29.297	4.873	0.929	10.8	4.961	0.9	4.662	-0.922	-11.2	4.752
248140.0	842576.6	129.4	34.753	11.760	18.7	36.689	3.4	29.196	4.852	0.926	10.8	4.940	0.9	4.691	-0.931	-11.2	4.783
248139.4	842575.8	129.4	34.660	11.730	18.7	36.591	3.4	29.118	4.832	0.923	10.8	4.919	1.0	4.752	-0.947	-11.3	4.846
248138.8	842575.0	129.3	34.530	11.693	18.7	36.456	3.5	29.011	4.811	0.921	10.8	4.898	1.0	4.773	-0.955	-11.3	4.868
248138.2	842574.1	129.3	34.398	11.655	18.7	36.319	3.5	28.901	4.790	0.918	10.8	4.878	1.0	4.790	-0.964	-11.4	4.886
248137.6	842573.3	129.2	34.222	11.607	18.7	36.137	3.5	28.757	4.769	0.915	10.9	4.856	1.0	4.758	-0.963	-11.4	4.855
248137.0	842572.5	129.1	34.038	11.558	18.8	35.946	3.5	28.605	4.748	0.911	10.9	4.835	1.0	4.716	-0.961	-11.5	4.812
248136.5	842571.7	129.0	33.875	11.513	18.8	35.778	3.5	28.471	4.728	0.908	10.9	4.815	1.0	4.696	-0.963	-11.6	4.794
248135.9	842570.9	129.0	33.811	11.491	18.8	35.710	3.5	28.417	4.711	0.905	10.9	4.797	1.0	4.787	-0.988	-11.7	4.888
248135.3	842570.1	129.0	33.891	11.501	18.7	35.789	3.5	28.480	4.698	0.902	10.9	4.784	1.1	5.039	-1.043	-11.7	5.146
248134.7	842569.3	129.0	33.887	11.492	18.7	35.783	3.5	28.475	4.682	0.899	10.9	4.768	1.1	5.199	-1.080	-11.7	5.310
248134.1	842568.5	128.9	33.806	11.466	18.7	35.698	3.5	28.407	4.664	0.896	10.9	4.749	1.1	5.271	-1.101	-11.8	5.385
248133.5	842567.7	128.8	33.616	11.416	18.8	35.502	3.5	28.251	4.642	0.893	10.9	4.727	1.1	5.225	-1.099	-11.9	5.339
248132.9	842566.9	128.8	33.414	11.363	18.8	35.293	3.5	28.086	4.619	0.889	10.9	4.704	1.1	5.166	-1.094	-12.0	5.280
248132.3	842566.1	128.7	33.186	11.304	18.8	35.058	3.5	27.899	4.594	0.886	10.9	4.679	1.1	5.078	-1.083	-12.0	5.193
248131.7	842565.3	128.6	32.955	11.245	18.8	34.821	3.5	27.709	4.569	0.883	10.9	4.654	1.0	4.989	-1.072	-12.1	5.103
248131.1	842564.5	128.5	32.724	11.185	18.9	34.583	3.5	27.520	4.543	0.879	11.0	4.628	1.0	4.899	-1.061	-12.2	5.013
248130.5	842563.7	128.5	32.492	11.125	18.9	34.344	3.5	27.330	4.518	0.876	11.0	4.602	1.0	4.809	-1.049	-12.3	4.922
248129.9	842562.9	128.4	32.261	11.065	18.9	34.105	3.5	27.140	4.492	0.872	11.0	4.576	1.0	4.719	-1.037	-12.4	4.831
248129.3	842562.1	128.3	32.028	11.005	19.0	33.866	3.5	26.950	4.466	0.869	11.0	4.550	1.0	4.627	-1.025	-12.5	4.739
248128.7	842561.3	128.3	31.983	10.988	19.0	33.818	3.5	26.912	4.446	0.866	11.0	4.529	1.0	4.750	-1.054	-12.5	4.866
248128.2	842560.5	128.2	31.961	10.976	19.0	33.793	3.5	26.892	4.426	0.863	11.0	4.509	1.0	4.899	-1.089	-12.5	5.019
248127.6	842559.6	128.2	31.775	10.927	19.0	33.601	3.5	26.739	4.403	0.859	11.0	4.486	1.0	4.858	-1.087	-12.6	4.978
248127.0	842558.8	128.1	31.588	10.877	19.0	33.408	3.5	26.585	4.379	0.856	11.1	4.462	1.0	4.813	-1.085	-12.7	4.934
248126.4	842558.0	128.0	31.399	10.827	19.0	33.214	3.5	26.431	4.356	0.852	11.1	4.439	1.0	4.766	-1.083	-12.8	4.887
248125.8	842557.2	128.0	31.210	10.777	19.0	33.018	3.5	26.275	4.334	0.849	11.1	4.416	1.0	4.715	-1.080	-12.9	4.837
248125.2	842556.4	127.9	31.057	10.735	19.1	32.860	3.5	26.149	4.313	0.845	11.1	4.395	1.0	4.705	-1.085	-13.0	4.828
248124.6	842555.6	127.9	30.907	10.694	19.1	32.705	3.5	26.026	4.292	0.841	11.1	4.374	1.0	4.696	-1.091	-13.1	4.821
248124.0	842554.8	127.8	30.750	10.651	19.1	32.543	3.5	25.897	4.271	0.838	11.1	4.352	1.0	4.678	-1.095	-13.2	4.805
248123.4	842554.0	127.8	30.777	10.652	19.1	32.568	3.5	25.917	4.255	0.835	11.1	4.336	1.1	4.874	-1.141	-13.2	5.006
248122.8	842553.2	127.8	30.901	10.675	19.1	32.694	3.5	26.017	4.242	0.832	11.1	4.323	1.1	5.184	-1.209	-13.1	5.323
248122.2	842552.4	127.7	30.646	10.610	19.1	32.431	3.5	25.808	4.219	0.828	11.1	4.299	1.1	5.049	-1.190	-13.3	5.187
248121.6	842551.6	127.7	30.392	10.544	19.1	32.169	3.5	25.599	4.195	0.824	11.1	4.275	1.1	4.913	-1.171	-13.4	5.051
248121.0	842550.8	127.6	30.138	10.479	19.2	31.907	3.5	25.391	4.171	0.820	11.1	4.251	1.0	4.776	-1.152	-13.6	4.913
248120.5	842550.0	127.5	29.895	10.416	19.2	31.658	3.5	25.193	4.148	0.817	11.1	4.227	1.0	4.651	-1.135	-13.7	4.788
248119.9	842549.2	127.5	29.777	10.382	19.2	31.535	3.5	25.094	4.127	0.813	11.1	4.206	1.0	4.673	-1.146	-13.8	4.812
248119.3	842548.4	127.4	29.668	10.351	19.2	31.422	3.5	25.005	4.107	0.810	11.2	4.186	1.0	4.708	-1.159	-13.8	4.848
248118.7	842547.6	127.4	29.558	10.320	19.2	31.308	3.5	24.914	4.086	0.806	11.2	4.165	1.0	4.740	-1.171	-13.9	4.882
248118.1	842546.8	127.3	29.447	10.288	19.3	31.192	3.5	24.822	4.065	0.803	11.2	4.144	1.0	4.769	-1.182	-13.9	4.914
248117.5	842546.0	127.3	29.333	10.256	19.3	31.074	3.5	24.728	4.044	0.799	11.2	4.122	1.0	4.796	-1.192	-14.0	4.942
248116.9	842545.1	127.3	29.218	10.223	19.3	30.955	3.5	24.633	4.023	0.796	11.2	4.101	1.0	4.821	-1.202	-14.0	4.968
248116.3	842544.3	127.2	29.101	10.190	19.3	30.833	3.5	24.536	4.001	0.793	11.2	4.079	1.0	4.842	-1.210	-14.0	4.991
248115.7	842543.5	127.2	28.982	10.157	19.3	30.710	3.5	24.439	3.979	0.789	11.2	4.057	1.0	4.861	-1.216	-14.0	5.011
248115.1	842542.7	127.1	28.864	10.123	19.3	30.587	3.5	24.341	3.957	0.786	11.2	4.034	1.0	4.878	-1.222	-14.1	5.029
248114.5	842541.9	127.1	28.666	10.071	19.4	30.384	3.5	24.179	3.932	0.783	11.3	4.010	0.9	4.799	-1.208	-14.1	4.948
248113.9	842541.1	127.0	28.389	9.999	19.4	30.098	3.5	23.951	3.906	0.779	11.3	3.983	0.9	4.618	-1.173	-14.2	4.765
248113.3	842540.3	126.9	28.110	9.926	19.4	29.811	3.5	23.723	3.879	0.776	11.3	3.956	0.8	4.432	-1.136	-14.4	4.575
248112.8	842539.5	126.8	27.823	9.851	19.5	29.515	3.4	23.488	3.853	0.772	11.3	3.930	0.8	4.228	-1.094	-14.5	4.367
248112.2	842538.7	126.8	27.715	9.820	19.5	29.403	3.4	23.398	3.832	0.769	11.4	3.909	0.8	4.241	-1.095	-14.5	4.380
248111.6	842537.9	126.8	27.636	9.796	19.5	29.321	3.4	23.333	3.813	0.767	11.4	3.889	0.8	4.283	-1.101	-14.4	4.422
248111.0	842537.1	126.7	27.556	9.772	19.5	29.237	3.4	23.266	3.794	0.764	11.4	3.870	0.8	4.316	-1.105	-14.4	4.455
248110.4	842536.3	126.7	27.439	9.739	19.5	29.116	3.4	23.170	3.775	0.762	11.4	3.851	0.8	4.295	-1.098	-14.3	4.433
248109.8	842535.5	126.7	27.300	9.701	19.6	28.972	3.4	23.055	3.757	0.760	11.4	3.833	0.8	4.238	-1.082	-14.3	4.374
248109.2	842534.7	126.6	27.143	9.658	19.6	28.810	3.4	22.926	3.740	0.758	11.5	3.816	0.8	4.147	-1.060	-14.3	4.281
248108.6	842533.9	126.6	26.986	9.614	19.6	28.647	3.4	22.797	3.724	0.756	11.5	3.800	0.8	4.044	-1.034	-14.3	4.174
248108.0	842533.1	126.5	26.828	9.571	19.6	28.484	3.4	22.667	3.710	0.755	11.5	3.786	0.8	3.926	-1.005	-14.4	4.053
248107.4	842532.3	126.5	26.670	9.527	19.7	28.320	3.3	22.537	3.697	0.754	11.5	3.773	0.7	3.793	-0.973	-14.4	3.915
248106.8	842531.5	126.4	26.511	9.484	19.7	28.156	3.3	22.406	3.687	0.753	11.5	3.763	0.7	3.642	-0.937	-14.4	3.760
248106.2	842530.6	126.4	26.351	9.439	19.7	27.991	3.3	22.274	3.680	0.753	11.6	3.756	0.7	3.471	-0.897	-14.5	3.585
248105.6	842529.8	126.3	26.228	9.405	19.7	27.863	3.3	22.173	3.676	0.753	11.6	3.753	0.7	3.328	-0.863	-14.5	3.438
248105.1	842529.0	126.3	26.149	9.381	19.7	27.781	3.3	22.107	3.677	0.753	11.6	3.753	0.7	3.221	-0.837	-14.6	3.328

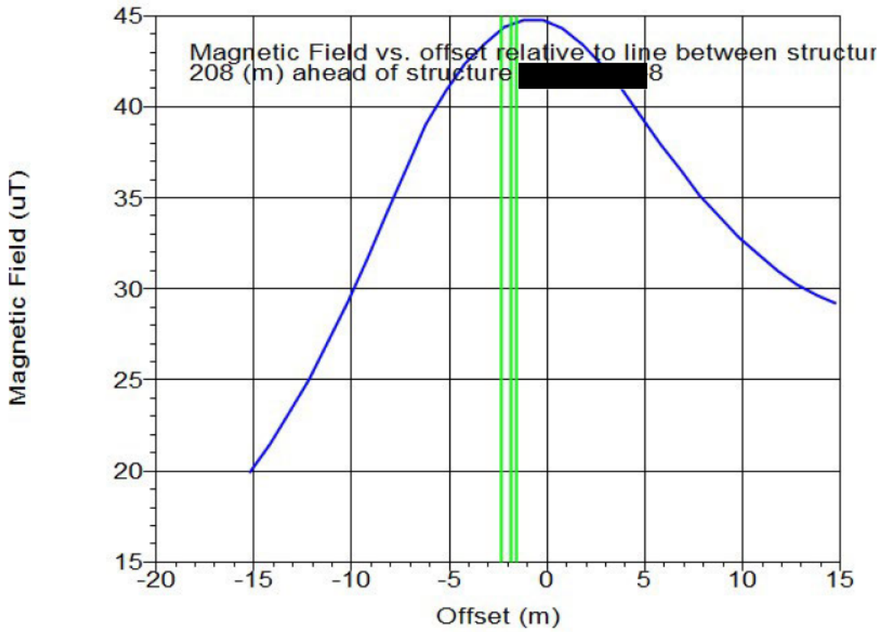
248104.5	842528.2	126.4	26.252	9.404	19.7	27.885	3.3	22.190	3.686	0.755	11.6	3.762	0.7	3.327	-0.855	-14.4	3.435
248103.9	842527.4	126.4	26.399	9.439	19.7	28.036	3.3	22.310	3.699	0.757	11.6	3.776	0.8	3.467	-0.881	-14.3	3.577
248103.3	842526.6	126.5	26.546	9.473	19.6	28.185	3.3	22.429	3.716	0.759	11.5	3.793	0.8	3.583	-0.904	-14.2	3.695
248102.7	842525.8	126.5	26.678	9.503	19.6	28.320	3.3	22.537	3.736	0.762	11.5	3.813	0.9	3.657	-0.919	-14.1	3.771
248102.1	842525.0	126.6	26.828	9.538	19.6	28.473	3.3	22.658	3.760	0.765	11.5	3.837	0.9	3.731	-0.936	-14.1	3.847
248101.5	842524.2	126.7	26.996	9.577	19.5	28.645	3.3	22.795	3.788	0.768	11.5	3.865	0.9	3.805	-0.954	-14.1	3.923
248100.9	842523.4	126.7	27.161	9.616	19.5	28.813	3.3	22.929	3.818	0.771	11.4	3.895	0.9	3.854	-0.968	-14.1	3.974
248100.3	842522.6	126.8	27.336	9.657	19.5	28.992	3.3	23.071	3.851	0.775	11.4	3.929	1.0	3.896	-0.982	-14.2	4.018
248099.7	842521.8	126.9	27.505	9.696	19.4	29.163	3.3	23.208	3.887	0.779	11.3	3.964	1.0	3.910	-0.993	-14.2	4.034
248099.1	842521.0	127.0	27.699	9.741	19.4	29.362	3.3	23.365	3.925	0.783	11.3	4.002	1.0	3.941	-1.007	-14.3	4.067
248098.5	842520.2	127.1	27.919	9.793	19.3	29.586	3.3	23.544	3.965	0.788	11.2	4.042	1.0	3.988	-1.026	-14.4	4.118
248097.9	842519.4	127.1	28.131	9.843	19.3	29.803	3.3	23.716	4.006	0.792	11.2	4.083	1.0	4.013	-1.042	-14.6	4.146
248097.3	842518.6	127.3	28.454	9.919	19.2	30.133	3.3	23.979	4.050	0.796	11.1	4.127	1.0	4.166	-1.084	-14.6	4.304
248096.8	842517.8	127.4	28.840	10.011	19.1	30.528	3.3	24.293	4.094	0.801	11.1	4.172	1.0	4.387	-1.139	-14.6	4.533
248096.2	842517.0	127.5	29.231	10.103	19.1	30.928	3.3	24.612	4.137	0.806	11.0	4.215	1.0	4.611	-1.194	-14.5	4.764
248095.6	842516.1	127.7	29.638	10.199	19.0	31.343	3.4	24.942	4.179	0.810	11.0	4.257	1.1	4.852	-1.252	-14.5	5.010
248095.0	842515.3	127.8	29.957	10.273	18.9	31.670	3.4	25.202	4.215	0.814	10.9	4.293	1.1	4.992	-1.288	-14.5	5.155
248094.4	842514.5	127.9	30.278	10.347	18.9	31.997	3.4	25.462	4.249	0.818	10.9	4.327	1.1	5.139	-1.324	-14.4	5.307
248093.8	842513.7	128.1	31.025	10.521	18.7	32.761	3.4	26.070	4.291	0.823	10.9	4.369	1.2	5.782	-1.455	-14.1	5.962
248093.2	842512.9	128.3	31.503	10.630	18.6	33.248	3.5	26.458	4.322	0.827	10.8	4.401	1.2	6.118	-1.524	-14.0	6.305
248092.6	842512.1	128.4	31.801	10.697	18.6	33.551	3.5	26.699	4.346	0.831	10.8	4.425	1.2	6.262	-1.554	-13.9	6.452
248092.0	842511.3	128.5	32.243	10.797	18.5	34.003	3.5	27.059	4.371	0.835	10.8	4.450	1.3	6.576	-1.615	-13.8	6.771
248091.4	842510.5	128.7	32.695	10.899	18.4	34.463	3.6	27.425	4.394	0.838	10.8	4.474	1.3	6.907	-1.678	-13.7	7.108
248090.8	842509.7	128.8	33.153	11.001	18.4	34.930	3.6	27.797	4.416	0.842	10.8	4.495	1.4	7.252	-1.743	-13.5	7.459
248090.2	842508.9	128.8	33.001	10.965	18.4	34.775	3.6	27.673	4.415	0.843	10.8	4.495	1.3	6.964	-1.684	-13.6	7.164
248089.6	842508.1	128.6	32.134	10.766	18.5	33.890	3.5	26.969	4.391	0.843	10.9	4.472	1.1	5.909	-1.475	-14.0	6.090
248089.1	842507.3	128.6	32.071	10.750	18.5	33.825	3.5	26.917	4.390	0.845	10.9	4.471	1.0	5.734	-1.436	-14.1	5.911
248088.5	842506.5	128.6	32.040	10.742	18.5	33.793	3.5	26.891	4.388	0.846	10.9	4.469	1.0	5.609	-1.406	-14.1	5.783
248087.9	842505.7	128.6	31.975	10.726	18.5	33.726	3.5	26.838	4.384	0.847	10.9	4.465	1.0	5.458	-1.370	-14.1	5.627
248087.3	842504.9	128.7	31.901	10.708	18.6	33.650	3.5	26.778	4.377	0.847	11.0	4.458	1.0	5.309	-1.334	-14.1	5.474
248086.7	842504.1	128.7	31.866	10.699	18.6	33.614	3.5	26.749	4.370	0.848	11.0	4.451	1.0	5.215	-1.307	-14.1	5.376
248086.1	842503.3	128.8	32.055	10.741	18.5	33.806	3.5	26.902	4.367	0.848	11.0	4.448	1.0	5.383	-1.332	-13.9	5.545
248085.5	842502.4	128.8	32.176	10.769	18.5	33.931	3.5	27.001	4.360	0.849	11.0	4.442	1.1	5.484	-1.342	-13.8	5.646
248084.9	842501.6	128.9	32.275	10.791	18.5	34.031	3.6	27.081	4.353	0.849	11.0	4.435	1.1	5.566	-1.350	-13.6	5.727
248084.3	842500.8	128.9	32.330	10.803	18.5	34.087	3.6	27.126	4.343	0.849	11.1	4.425	1.2	5.607	-1.348	-13.5	5.767
248083.7	842500.0	128.9	32.141	10.759	18.5	33.893	3.5	26.972	4.326	0.848	11.1	4.408	1.1	5.384	-1.296	-13.5	5.538
248083.1	842499.2	128.9	32.068	10.741	18.5	33.820	3.5	26.913	4.312	0.847	11.1	4.394	1.2	5.293	-1.269	-13.5	5.443
248082.5	842498.4	128.9	31.953	10.714	18.5	33.702	3.5	26.819	4.298	0.847	11.1	4.380	1.2	5.155	-1.234	-13.5	5.300
248081.9	842497.6	128.9	31.665	10.647	18.6	33.407	3.5	26.584	4.280	0.846	11.2	4.362	1.1	4.821	-1.161	-13.5	4.959
248081.4	842496.8	128.9	31.457	10.598	18.6	33.194	3.5	26.415	4.266	0.844	11.2	4.349	1.1	4.573	-1.106	-13.6	4.705
248080.8	842496.0	128.8	31.115	10.517	18.7	32.845	3.5	26.137	4.250	0.843	11.2	4.333	1.0	4.166	-1.022	-13.8	4.289
248080.2	842495.2	128.8	30.712	10.421	18.7	32.432	3.4	25.808	4.236	0.841	11.2	4.319	1.0	3.675	-0.921	-14.1	3.788
248079.6	842494.4	128.8	30.827	10.448	18.7	32.549	3.4	25.902	4.236	0.840	11.2	4.319	1.0	3.774	-0.941	-14.0	3.889
248079.0	842493.6	128.9	30.940	10.475	18.7	32.665	3.4	25.994	4.238	0.840	11.2	4.320	1.1	3.862	-0.960	-14.0	3.979
248078.4	842492.8	129.0	31.055	10.502	18.7	32.783	3.4	26.088	4.241	0.839	11.2	4.323	1.1	3.944	-0.980	-13.9	4.064
248077.8	842492.0	129.1	31.294	10.558	18.6	33.027	3.5	26.282	4.249	0.838	11.2	4.331	1.2	4.158	-1.027	-13.9	4.282
248077.2	842491.2	129.2	31.499	10.607	18.6	33.237	3.5	26.449	4.257	0.838	11.1	4.338	1.3	4.323	-1.065	-13.8	4.453
248076.6	842490.4	129.3	31.694	10.653	18.6	33.437	3.5	26.608	4.265	0.837	11.1	4.346	1.3	4.471	-1.100	-13.8	4.604
248076.0	842489.6	129.4	31.936	10.710	18.5	33.684	3.6	26.805	4.275	0.837	11.1	4.356	1.4	4.661	-1.145	-13.8	4.800
248075.4	842488.8	129.5	32.094	10.748	18.5	33.846	3.6	26.933	4.282	0.837	11.1	4.363	1.4	4.754	-1.170	-13.8	4.896
248074.8	842487.9	129.6	32.171	10.766	18.5	33.924	3.6	26.996	4.288	0.836	11.0	4.369	1.4	4.753	-1.177	-13.9	4.896
248074.2	842487.1	129.6	32.036	10.735	18.5	33.787	3.6	26.887	4.287	0.836	11.0	4.368	1.3	4.517	-1.137	-14.1	4.658
248073.6	842486.3	129.6	32.139	10.760	18.5	33.892	3.6	26.971	4.293	0.836	11.0	4.373	1.3	4.538	-1.148	-14.2	4.681
248073.1	842485.5	129.7	32.316	10.803	18.5	34.073	3.6	27.115	4.300	0.836	11.0	4.380	1.3	4.636	-1.174	-14.2	4.782
248072.5	842484.7	129.8	32.493	10.845	18.5	34.256	3.6	27.260	4.307	0.837	11.0	4.387	1.3	4.732	-1.198	-14.2	4.881
248071.9	842483.9	129.9	32.743	10.904	18.4	34.511	3.7	27.463	4.316	0.837	11.0	4.396	1.4	4.900	-1.237	-14.2	5.054
248071.3	842483.1	130.0	32.864	10.934	18.4	34.635	3.7	27.562	4.321	0.838	11.0	4.402	1.4	4.925	-1.248	-14.2	5.081
248070.7	842482.3	130.2	33.324	11.042	18.3	35.105	3.8	27.936	4.337	0.839	11.0	4.418	1.5	5.304	-1.329	-14.1	5.468
248070.1	842481.5	130.2	33.174	11.009	18.4	34.953	3.8	27.815	4.336	0.839	11.0	4.417	1.5	5.035	-1.282	-14.3	5.196
248069.5	842480.7	130.2	33.031	10.977	18.4	34.808	3.7	27.699	4.337	0.839	11.0	4.417	1.4	4.768	-1.236	-14.5	4.926
248068.9	842479.9	130.4	33.373	11.058	18.3	35.158	3.8	27.978	4.351	0.840	10.9	4.431	1.5	5.011	-1.291	-14.4	5.175
248068.3	842479.1	130.6	34.090	11.226	18.2	35.891	3.9	28.561	4.377	0.843	10.9	4.457	1.6	5.635	-1.420	-14.1	5.811
248067.7	842478.3	130.7	34.287	11.274	18.2	36.093	3.9	28.722	4.387	0.843	10.9	4.467	1.7	5.716	-1.443	-14.2	5.895
248067.1	842477.5	130.8	34.523	11.330	18.2	36.335	4.0	28.914	4.398	0.844	10.9	4.478	1.7	5.835	-1.473	-14.2	6.018
248066.5	842476.7	130.9	34.758	11.387	18.1	36.575	4.0	29.106	4.408	0.845	10.9	4.488	1.7	5.954	-1.502	-14.2	6.140
248065.9	842475.9	131.0	34.991	11.443	18.1	36.814	4.1	29.296	4.417	0.846	10.8	4.497	1.7	6.072	-1.530	-14.1	6.262
248065.4	842475.1	131.1	35.210	11.496	18.1	37.039	4.1	29.475	4.424	0.847	10.8	4.505	1.8	6.180	-1.556	-14.1	6.373
248064.8	842474.3	131.2	35.337	11.527	18.1	37.169	4.1	29.578	4.427	0.848	10.8	4.508	1.8	6.202	-1.563	-14.1	6.396
248064.2	842473.4	131.2	34.834	11.415	18.1	36.657	4.1	29.170	4.410	0.847	10.9	4.491	1.6	5.603	-1.448	-14.5	5.787
248063.6	842472.6	131.3	35.096	11.478	18.1	36.925	4.1	29.384	4.414	0.848	10.9	4.495	1.6	5.775	-1.483	-14.4	5.962
248063.0	842471.8	131.3	34.737	11.398	18.2	36.559	4.1	29.093	4.399	0.847	10.9	4.480	1.4	5.330	-1.395	-14.7	5.510
248062.4	842471.0	131.3	34.755	11.406	18.2	36.579	4.1	29.108	4.394	0.847	10.9	4.475	1.4	5.275	-1.382	-14.7	5.454
248061.8	842470.2	131.3	34.387	11.323	18.2	36.203	4.0	28.809	4.377	0.846	10.9	4.458	1.3	4.834	-1.293	-15.0	5.004
248061.2	842469.4	131.4	34.604	11.377	18.2	36.426	4.1	28.987	4.372	0.846	11.0	4.453	1.3	5.003	-1.321	-14.8	5.175
248060.6	842468.6	131.6	35.082	11.492	18.1	36.917	4.2	29.377	4.373	0.847	11.0	4.454	1.5	5.445	-1.400	-14.4	5.622
248060.0	842467.8	131.6	34.794	11.428	18.2	36.622	4.1	29.143	4.352	0.846	11.0	4.434	1.3	5.121	-1.329	-14.5	5.291
248059.4	842467.0	131.7	34.679	11.405	18.2	36.506	4.1	29.051	4.335	0.846	11.0	4.416	1.3	4.983	-1.291	-14.5	5.148
248058.8	842466.2	131.8	35.013	11.486	18.2	36.849	4.2	29.323	4.327	0.846	11.1	4.409	1.4	5.308	-1.344	-14.2	5.476
248058.2	842465.4	131.9	34.963	11.479	18.2	36.799	4.2	29.284	4.308	0.846	11.1	4.390	1.4	5.256	-1.321	-14.1	5.420
248057.7	842464.6	131.9	34.872	11.461	18.2	36.707	4.2	29.211	4.288	0.845	11.1	4.370	1.4	5.170	-1.291	-14.0	5.329
248057.1	842463.8	132.0	34.810	11.451	18.2	36.644	4.2	29.161	4.268	0.844	11.2	4.351	1.4	5.120	-1.266	-13.9	5.274
248056.5	842463.0	132.0	34.849	11.464	18.2	36.687	4.2	29.194	4.251	0.844	11.2	4.333	1.5	5.179	-1.263	-13.7	5.331
248055.9	842462.2	132.1	34.802	11.457	18.2	36.639	4.2	29.157	4.231	0.843	11.3	4.314	1.5	5.155	-1.243	-13.6	5.303
248055.3	842461.4	132.1	34.641	11.423	18.3	36.476	4.2	29.026	4.209	0.841	11.3	4.292	1.5	5.021	-1.201	-13.4	5.163
248054.7	842460.6	132.2	34.478	11.389	18.3	36.310	4.2	28.894	4.187	0.840	11.3	4.271	1.5	4.889	-1.159	-13.3	5.024
248054.1	842459.8	132.2	34.356	11.364	18.3	36.186	4.2	28.796	4.167	0.839	11.4	4.251	1.5	4.801	-1.126	-13.2	4.931
248053.5	842458.9	132.3	34.488	11.400	18.3	36.323	4.2	28.905	4.153	0.838	11.4	4.237	1.6	4.970	-1.146	-13.0	5.101

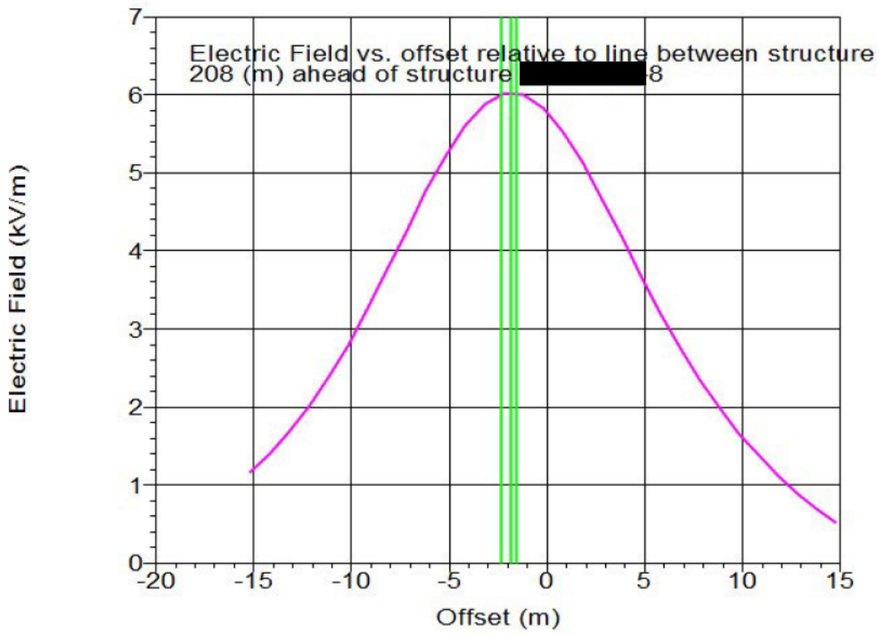
248052.9	842458.1	132.4	34.491	11.405	18.3	36.328	4.2	28.909	4.136	0.837	11.4	4.220	1.7	5.013	-1.141	-12.8	5.142
248052.3	842457.3	132.5	34.484	11.408	18.3	36.322	4.2	28.904	4.119	0.835	11.5	4.203	1.7	5.048	-1.135	-12.7	5.174
248051.7	842456.5	132.4	34.058	11.310	18.4	35.887	4.2	28.558	4.091	0.833	11.5	4.175	1.6	4.668	-1.044	-12.6	4.783
248051.1	842455.7	132.4	33.754	11.241	18.4	35.577	4.1	28.311	4.067	0.831	11.5	4.151	1.5	4.410	-0.979	-12.5	4.517
248050.5	842454.9	132.5	33.583	11.204	18.4	35.403	4.1	28.173	4.046	0.829	11.6	4.130	1.5	4.289	-0.943	-12.4	4.391
248049.9	842454.1	132.6	33.653	11.251	18.5	35.484	4.1	28.237	4.038	0.830	11.6	4.123	1.6	4.329	-0.932	-12.1	4.428
248049.4	842453.3	132.6	33.672	11.260	18.5	35.505	4.1	28.254	4.022	0.828	11.6	4.106	1.6	4.410	-0.939	-12.0	4.509
248048.8	842452.5	132.8	33.839	11.306	18.5	35.678	4.2	28.391	4.008	0.827	11.7	4.092	1.7	4.646	-0.980	-11.9	4.748
248048.2	842451.7	132.9	34.057	11.364	18.5	35.903	4.2	28.571	3.995	0.825	11.7	4.080	1.9	4.936	-1.034	-11.8	5.043
248047.6	842450.9	133.0	34.009	11.358	18.5	35.855	4.2	28.533	3.975	0.822	11.7	4.059	1.9	4.966	-1.034	-11.8	5.072
248047.0	842450.1	133.0	33.893	11.326	18.5	35.735	4.1	28.437	3.945	0.811	11.6	4.027	1.9	5.032	-1.064	-11.9	5.144
248046.4	842449.3	133.1	33.769	11.301	18.5	35.610	4.1	28.338	3.920	0.807	11.6	4.003	1.9	5.004	-1.054	-11.9	5.114
248045.8	842448.5	133.1	33.383	11.211	18.6	35.216	4.0	28.024	3.888	0.803	11.7	3.970	1.8	4.722	-0.991	-11.8	4.824
248045.2	842447.7	133.1	33.202	11.171	18.6	35.031	4.0	27.877	3.860	0.798	11.7	3.942	1.7	4.653	-0.972	-11.8	4.753
248044.6	842446.9	133.1	32.943	11.112	18.6	34.766	4.0	27.666	3.828	0.794	11.7	3.910	1.7	4.515	-0.940	-11.8	4.611
248044.0	842446.1	133.0	32.244	10.942	18.7	34.050	3.8	27.096	3.787	0.787	11.7	3.868	1.5	3.931	-0.815	-11.7	4.015
248043.4	842445.3	133.0	31.851	10.848	18.8	33.648	3.7	26.776	3.752	0.782	11.8	3.832	1.4	3.665	-0.757	-11.7	3.742
248042.8	842444.4	133.0	31.581	10.784	18.9	33.371	3.7	26.556	3.718	0.776	11.8	3.799	1.4	3.533	-0.728	-11.6	3.607
248042.2	842443.6	133.0	31.323	10.723	18.9	33.108	3.6	26.346	3.686	0.770	11.8	3.766	1.3	3.419	-0.704	-11.6	3.491
248041.7	842442.8	133.0	30.996	10.644	19.0	32.772	3.5	26.079	3.653	0.764	11.8	3.732	1.3	3.234	-0.667	-11.6	3.302
248041.1	842442.0	133.0	30.491	10.518	19.0	32.254	3.4	25.667	3.618	0.757	11.8	3.696	1.2	2.856	-0.591	-11.7	2.916
248040.5	842441.2	133.1	30.631	10.560	19.0	32.400	3.5	25.783	3.595	0.751	11.8	3.673	1.3	3.182	-0.664	-11.8	3.251
248039.9	842440.4	133.2	30.650	10.570	19.0	32.421	3.5	25.800	3.571	0.745	11.8	3.648	1.4	3.376	-0.712	-11.9	3.450
248039.3	842439.6	133.3	30.642	10.572	19.0	32.414	3.5	25.794	3.548	0.739	11.8	3.624	1.4	3.542	-0.755	-12.0	3.621
248038.7	842438.8	133.5	30.995	10.670	19.0	32.780	3.6	26.086	3.532	0.733	11.7	3.607	1.6	4.091	-0.879	-12.1	4.185
248038.1	842438.0	133.6	30.956	10.665	19.0	32.741	3.6	26.055	3.508	0.726	11.7	3.583	1.6	4.227	-0.918	-12.3	4.325
248037.5	842437.2	133.6	30.776	10.623	19.0	32.558	3.5	25.909	3.482	0.719	11.7	3.555	1.6	4.220	-0.927	-12.4	4.321
248036.9	842436.4	133.6	30.346	10.516	19.1	32.117	3.4	25.558	3.449	0.711	11.7	3.522	1.4	3.955	-0.882	-12.6	4.052
248036.3	842435.6	133.5	29.876	10.397	19.2	31.633	3.3	25.173	3.415	0.703	11.6	3.487	1.3	3.647	-0.829	-12.8	3.740
248035.7	842434.8	133.5	29.426	10.283	19.3	31.171	3.2	24.805	3.382	0.695	11.6	3.453	1.1	3.361	-0.780	-13.1	3.451
248035.1	842434.0	133.4	28.984	10.169	19.3	30.717	3.1	24.444	3.348	0.687	11.6	3.418	1.0	3.086	-0.733	-13.4	3.172
248034.5	842433.2	133.4	28.719	10.103	19.4	30.444	3.0	24.226	3.317	0.680	11.6	3.386	0.9	3.009	-0.726	-13.6	3.095
248034.0	842432.4	133.5	28.516	10.053	19.4	30.236	3.0	24.061	3.286	0.673	11.6	3.354	0.9	3.008	-0.733	-13.7	3.096
248033.4	842431.6	133.5	28.297	9.998	19.5	30.012	2.9	23.882	3.254	0.665	11.6	3.321	0.8	2.996	-0.737	-13.8	3.085
248032.8	842430.8	133.4	27.815	9.872	19.5	29.515	2.8	23.487	3.218	0.657	11.5	3.284	0.7	2.689	-0.680	-14.2	2.774
248032.2	842429.9	133.4	27.434	9.772	19.6	29.122	2.7	23.175	3.183	0.649	11.5	3.248	0.6	2.499	-0.646	-14.5	2.581
248031.6	842429.1	133.6	27.624	9.829	19.6	29.321	2.8	23.333	3.156	0.643	11.5	3.221	0.7	2.967	-0.744	-14.1	3.059
248031.0	842428.3	133.6	27.415	9.776	19.6	29.106	2.7	23.162	3.124	0.636	11.5	3.188	0.6	2.983	-0.749	-14.1	3.075
248030.4	842427.5	133.6	27.100	9.693	19.7	28.782	2.6	22.904	3.090	0.629	11.5	3.153	0.6	2.878	-0.728	-14.2	2.969
248029.8	842426.7	133.5	26.744	9.599	19.7	28.415	2.5	22.612	3.055	0.622	11.5	3.118	0.5	2.726	-0.697	-14.3	2.814
248029.2	842425.9	133.5	26.394	9.505	19.8	28.053	2.4	22.324	3.021	0.615	11.5	3.083	0.4	2.578	-0.665	-14.5	2.663
248028.6	842425.1	133.5	26.079	9.421	19.9	27.729	2.3	22.066	2.989	0.608	11.5	3.050	0.4	2.470	-0.641	-14.5	2.551
248028.0	842424.3	133.5	25.824	9.354	19.9	27.466	2.3	21.857	2.958	0.601	11.5	3.018	0.4	2.428	-0.629	-14.5	2.508
248027.4	842423.5	133.5	25.667	9.313	19.9	27.305	2.2	21.729	2.929	0.596	11.5	2.989	0.4	2.499	-0.639	-14.3	2.579
248026.8	842422.7	133.6	25.511	9.273	20.0	27.144	2.2	21.600	2.902	0.590	11.5	2.961	0.4	2.566	-0.647	-14.1	2.646
248026.2	842421.9	133.6	25.354	9.232	20.0	26.982	2.1	21.472	2.875	0.584	11.5	2.934	0.4	2.628	-0.653	-14.0	2.708
248025.7	842421.1	133.7	25.197	9.192	20.0	26.821	2.1	21.343	2.849	0.579	11.5	2.907	0.5	2.685	-0.658	-13.8	2.765
248025.1	842420.3	133.7	24.998	9.139	20.1	26.616	2.0	21.181	2.824	0.574	11.5	2.881	0.5	2.688	-0.652	-13.6	2.766
248024.5	842419.5	133.7	24.797	9.085	20.1	26.409	2.0	21.016	2.799	0.569	11.5	2.856	0.5	2.681	-0.643	-13.5	2.757
248023.9	842418.7	133.7	24.578	9.026	20.2	26.183	1.9	20.836	2.775	0.565	11.5	2.831	0.5	2.646	-0.628	-13.4	2.719
248023.3	842417.9	133.7	24.369	8.969	20.2	25.968	1.8	20.664	2.751	0.560	11.5	2.808	0.5	2.616	-0.614	-13.2	2.687
248022.7	842417.1	133.8	24.162	8.913	20.2	25.753	1.8	20.494	2.729	0.556	11.5	2.785	0.5	2.580	-0.600	-13.1	2.649
248022.1	842416.3	133.7	23.794	8.809	20.3	25.373	1.7	20.191	2.705	0.551	11.5	2.761	0.4	2.342	-0.544	-13.1	2.404
248021.5	842415.4	133.6	23.394	8.695	20.4	24.958	1.6	19.861	2.682	0.546	11.5	2.737	0.4	2.050	-0.478	-13.1	2.105
248020.9	842414.6	133.6	23.002	8.583	20.5	24.551	1.5	19.537	2.660	0.541	11.5	2.715	0.3	1.757	-0.413	-13.2	1.805
248020.3	842413.8	133.6	22.780	8.520	20.5	24.321	1.4	19.354	2.642	0.537	11.5	2.696	0.3	1.668	-0.389	-13.1	1.712
248019.7	842413.0	133.6	22.606	8.472	20.5	24.141	1.4	19.211	2.626	0.533	11.5	2.679	0.3	1.634	-0.378	-13.0	1.677
248019.1	842412.2	133.5	22.218	8.359	20.6	23.738	1.3	18.890	2.607	0.529	11.5	2.661	0.2	1.315	-0.309	-13.2	1.351
248018.5	842411.4	133.6	22.112	8.331	20.6	23.629	1.3	18.803	2.593	0.525	11.4	2.645	0.2	1.359	-0.315	-13.0	1.395
248018.0	842410.6	133.7	22.024	8.308	20.7	23.539	1.3	18.732	2.578	0.521	11.4	2.631	0.1	1.425	-0.325	-12.9	1.462
248017.4	842409.8	133.7	21.884	8.269	20.7	23.394	1.2	18.617	2.563	0.517	11.4	2.615	0.1	1.422	-0.322	-12.8	1.458
248016.8	842409.0	133.8	21.760	8.234	20.7	23.266	1.2	18.514	2.548	0.513	11.4	2.599	0.1	1.440	-0.323	-12.6	1.475
248016.2	842408.2	133.8	21.675	8.212	20.8	23.178	1.2	18.445	2.532	0.509	11.4	2.583	0.1	1.513	-0.334	-12.5	1.549
248015.6	842407.4	133.9	21.598	8.192	20.8	23.099	1.2	18.382	2.515	0.505	11.4	2.565	0.1	1.600	-0.349	-12.3	1.638
248015.0	842406.6	134.2	21.920	8.294	20.7	23.436	1.2	18.650	2.502	0.502	11.4	2.552	0.2	2.215	-0.467	-11.9	2.263
248014.4	842405.8	134.5	22.250	8.398	20.7	23.782	1.2	18.925	2.489	0.499	11.3	2.539	0.3	2.831	-0.584	-11.7	2.891
248013.8	842405.0	134.6	22.199	8.387	20.7	23.731	1.2	18.884	2.470	0.495	11.3	2.520	0.3	2.967	-0.606	-11.5	3.028
248013.2	842404.2	134.4	21.723	8.245	20.8	23.235	1.1	18.490	2.445	0.490	11.3	2.493	0.2	2.567	-0.521	-11.5	2.619
248012.6	842403.4	134.5	21.535	8.191	20.8	23.040	1.1	18.334	2.423	0.485	11.3	2.471	0.1	2.536	-0.508	-11.3	2.587
248012.0	842402.6	134.6	21.564	8.203	20.8	23.071	1.1	18.360	2.403	0.481	11.3	2.451	0.2	2.791	-0.551	-11.2	2.845
248011.4	842401.8	134.6	21.407	8.159	20.9	22.909	1.1	18.230	2.381	0.476	11.3	2.428	0.2	2.810	-0.548	-11.0	2.863
248010.8	842400.9	134.6	21.177	8.091	20.9	22.670	1.1	18.040	2.358	0.471	11.3	2.404	0.1	2.739	-0.526	-10.9	2.789
248010.3	842400.1	134.6	20.832	7.987	21.0	22.310	1.1	17.754	2.332	0.466	11.3	2.379	0.1	2.519	-0.475	-10.7	2.564
248009.7	842399.3	134.5	20.485	7.882	21.0	21.949	1.1	17.467	2.307	0.460	11.3	2.353	0.1	2.295	-0.424	-10.5	2.334
248009.1	842398.5	134.5	20.327	7.836	21.1	21.786	1.1	17.336	2.285	0.456	11.3	2.330	0.1	2.323	-0.422	-10.3	2.361
248008.5	842397.7	134.6	20.210	7.803	21.1	21.664	1.1	17.240	2.263	0.451	11.3	2.308	0.1	2.407	-0.430	-10.1	2.445
248007.9	842396.9	134.6	20.022	7.747	21.2	21.469	1.1	17.084	2.241	0.446	11.3	2.285	0.1	2.396	-0.421	-10.0	2.433
248007.3	842396.1	134.6	19.766	7.669	21.2	21.202	1.1	16.872	2.218	0.441	11.2	2.261	0.1	2.294	-0.394	-9.7	2.327
248006.7	842395.3	134.6	19.521	7.594	21.3	20.946	1.2	16.668	2.195	0.435	11.2	2.238	0.1	2.203	-0.369	-9.5	2.234
248006.1	842394.5	134.6	19.289	7.523	21.3	20.705	1.2	16.476	2.173	0.430	11.2	2.215	0.1	2.130	-0.348	-9.3	2.159
248005.5	842393.7	134.5	19.066	7.455	21.4	20.472	1.3	16.291	2.151	0.425	11.2	2.193	0.1	2.067	-0.329	-9.0	2.093
248004.9	842392.9	134.5	18.846	7.387	21.4	20.242	1.4	16.108	2.130	0.420	11.2	2.171	0.1	2.004	-0.311	-8.8	2.028
248004.3	842392.1	134.5	18.628	7.319	21.5	20.014	1.4	15.927	2.109	0.415	11.1	2.149	0.1	1.943	-0.293	-8.6	1.965
248003.7	842391.3	134.5	18.401	7.249	21.5	19.778	1.5	15.738	2.088	0.410	11.1	2.128	0.1	1.866	-0.273	-8.3	1.885
248003.1	842390.5	134.5	18.200	7.186	21.5	19.568	1.6	15.572	2.068	0.406	11.1	2.108	0.1	1.822	-0.260	-8.1	1.840
248002.5	842389.7	134.5	17.985	7.119	21.6	19.343	1.7	15.392	2.048	0.401	11.1	2.087	0.1	1.754	-0.242	-7.9	1.771
248002.0	842388.9	134.5	17.790	7.057	21.6	19.139	1.7	15.230	2.029	0.396	11.0	2.067	0.1	1.712	-0.230	-7.6	1.727

248001.4	842388.1	134.4	17.461	6.951	21.7	18.794	1.9	14.956	2.009	0.391	11.0	2.046	0.1	1.469	-0.179	-7.0	1.480
248000.8	842387.3	134.4	17.354	6.919	21.7	18.682	1.9	14.867	1.991	0.387	11.0	2.029	0.1	1.550	-0.191	-7.0	1.562
248000.2	842386.4	134.4	17.202	6.871	21.8	18.523	2.0	14.740	1.974	0.382	11.0	2.010	0.1	1.561	-0.190	-7.0	1.573
247999.6	842385.6	134.5	17.095	6.838	21.8	18.411	2.0	14.651	1.957	0.378	10.9	1.993	0.1	1.637	-0.202	-7.0	1.649
247999.0	842384.8	134.4	16.843	6.757	21.9	18.148	2.2	14.441	1.938	0.373	10.9	1.974	0.1	1.493	-0.172	-6.6	1.503
247998.4	842384.0	134.5	16.727	6.720	21.9	18.026	2.2	14.345	1.922	0.369	10.9	1.957	0.1	1.550	-0.181	-6.6	1.561
247997.8	842383.2	134.5	16.546	6.662	21.9	17.836	2.3	14.194	1.905	0.365	10.8	1.940	0.1	1.506	-0.170	-6.4	1.516
247997.2	842382.4	134.5	16.356	6.600	22.0	17.638	2.4	14.036	1.888	0.360	10.8	1.922	0.1	1.446	-0.157	-6.2	1.454
247996.6	842381.6	134.5	16.187	6.546	22.0	17.460	2.5	13.895	1.871	0.356	10.8	1.905	0.1	1.414	-0.149	-6.0	1.422
247996.0	842380.8	134.5	16.011	6.488	22.1	17.276	2.6	13.748	1.855	0.352	10.7	1.888	0.1	1.368	-0.139	-5.8	1.375
247995.4	842380.0	134.5	15.870	6.443	22.1	17.128	2.7	13.630	1.839	0.348	10.7	1.872	0.1	1.374	-0.139	-5.8	1.381
247994.8	842379.2	134.6	15.856	6.440	22.1	17.114	2.7	13.619	1.825	0.344	10.7	1.857	0.2	1.575	-0.176	-6.4	1.585
247994.3	842378.4	134.6	15.633	6.366	22.2	16.880	2.8	13.432	1.808	0.340	10.6	1.840	0.2	1.449	-0.152	-6.0	1.457
247993.7	842377.6	134.7	15.645	6.373	22.2	16.893	2.8	13.443	1.795	0.336	10.6	1.826	0.2	1.688	-0.196	-6.6	1.699
247993.1	842376.8	134.7	15.454	6.309	22.2	16.692	2.9	13.283	1.779	0.332	10.6	1.810	0.2	1.606	-0.180	-6.4	1.616
247992.5	842376.0	134.5	15.100	6.189	22.3	16.319	3.1	12.986	1.762	0.328	10.5	1.792	0.2	1.260	-0.115	-5.2	1.265
247991.9	842375.2	134.4	14.770	6.076	22.4	15.971	3.3	12.709	1.746	0.323	10.5	1.775	0.2	0.939	-0.056	-3.4	0.941
247991.3	842374.4	134.4	14.711	6.058	22.4	15.910	3.3	12.660	1.732	0.320	10.5	1.761	0.2	1.061	-0.079	-4.3	1.064
247990.7	842373.6	134.5	14.642	6.036	22.4	15.837	3.4	12.603	1.718	0.316	10.4	1.747	0.2	1.165	-0.098	-4.8	1.169
247990.1	842372.8	134.5	14.482	5.982	22.4	15.669	3.5	12.469	1.703	0.312	10.4	1.732	0.2	1.116	-0.090	-4.6	1.119
247989.5	842371.9	134.7	14.504	5.992	22.4	15.693	3.5	12.488	1.691	0.309	10.4	1.719	0.3	1.367	-0.136	-5.7	1.374
247988.9	842371.1	134.6	14.286	5.917	22.5	15.463	3.6	12.305	1.676	0.305	10.3	1.704	0.2	1.218	-0.110	-5.1	1.223
247988.3	842370.3	134.6	14.163	5.876	22.5	15.334	3.7	12.202	1.662	0.301	10.3	1.689	0.3	1.225	-0.112	-5.2	1.230
247987.7	842369.5	134.7	14.074	5.846	22.6	15.240	3.8	12.127	1.649	0.298	10.2	1.676	0.3	1.287	-0.123	-5.5	1.293
247987.1	842368.7	134.7	13.910	5.790	22.6	15.067	3.9	11.990	1.635	0.294	10.2	1.661	0.3	1.222	-0.112	-5.2	1.227
247986.6	842367.9	134.6	13.721	5.725	22.6	14.868	4.0	11.831	1.621	0.291	10.2	1.646	0.3	1.112	-0.093	-4.8	1.116
247986.0	842367.1	134.6	13.546	5.664	22.7	14.682	4.1	11.684	1.606	0.287	10.1	1.632	0.3	1.021	-0.077	-4.3	1.024
247985.4	842366.3	134.5	13.364	5.600	22.7	14.490	4.2	11.530	1.592	0.283	10.1	1.617	0.2	0.917	-0.059	-3.7	0.918
247984.8	842365.5	134.5	13.185	5.537	22.8	14.300	4.4	11.380	1.578	0.280	10.1	1.603	0.2	0.815	-0.041	-2.9	0.816
247984.2	842364.7	134.6	13.105	5.510	22.8	14.216	4.4	11.313	1.565	0.277	10.0	1.589	0.2	0.887	-0.054	-3.5	0.889
247983.6	842363.9	134.6	13.029	5.484	22.8	14.136	4.5	11.249	1.551	0.273	10.0	1.575	0.3	0.966	-0.068	-4.1	0.969
247983.0	842363.1	134.6	12.860	5.424	22.9	13.957	4.6	11.107	1.537	0.270	10.0	1.561	0.2	0.878	-0.053	-3.5	0.880
247982.4	842362.3	134.5	12.699	5.367	22.9	13.787	4.7	10.971	1.523	0.267	9.9	1.546	0.2	0.802	-0.040	-2.8	0.803
247981.8	842361.5	134.5	12.569	5.321	22.9	13.649	4.8	10.861	1.509	0.263	9.9	1.532	0.2	0.780	-0.036	-2.6	0.781
247981.2	842360.7	134.6	12.481	5.291	23.0	13.556	4.9	10.788	1.495	0.260	9.9	1.518	0.2	0.836	-0.046	-3.1	0.837
247980.6	842359.9	134.6	12.366	5.250	23.0	13.434	5.0	10.690	1.482	0.257	9.8	1.504	0.2	0.839	-0.046	-3.1	0.840
247980.0	842359.1	134.6	12.268	5.215	23.0	13.330	5.1	10.608	1.468	0.254	9.8	1.490	0.2	0.874	-0.052	-3.4	0.875
247979.4	842358.3	134.6	12.121	5.163	23.1	13.175	5.2	10.484	1.454	0.251	9.8	1.475	0.2	0.817	-0.042	-3.0	0.818
247978.9	842357.4	134.6	11.974	5.109	23.1	13.018	5.4	10.359	1.440	0.248	9.8	1.461	0.2	0.755	-0.032	-2.4	0.756
247978.3	842356.6	134.5	11.770	5.034	23.2	12.801	5.5	10.187	1.425	0.244	9.7	1.446	0.2	0.584	-0.003	-0.3	0.584
247977.7	842355.8	134.6	11.763	5.034	23.2	12.795	5.6	10.182	1.412	0.241	9.7	1.432	0.2	0.788	-0.038	-2.8	0.789
247977.1	842355.0	134.6	11.681	5.004	23.2	12.708	5.6	10.113	1.398	0.238	9.7	1.419	0.3	0.847	-0.049	-3.3	0.848
247976.5	842354.2	134.6	11.551	4.957	23.2	12.569	5.8	10.002	1.385	0.235	9.6	1.404	0.3	0.810	-0.043	-3.1	0.811
247975.9	842353.4	134.7	11.488	4.935	23.2	12.503	5.9	9.949	1.371	0.232	9.6	1.391	0.3	0.903	-0.060	-3.8	0.905
247975.3	842352.6	134.8	11.425	4.912	23.3	12.437	5.9	9.897	1.358	0.229	9.6	1.377	0.4	0.994	-0.077	-4.4	0.997
247974.7	842351.8	134.8	11.363	4.890	23.3	12.370	6.0	9.844	1.345	0.226	9.5	1.364	0.4	1.084	-0.093	-4.9	1.088
247974.1	842351.0	134.9	11.299	4.868	23.3	12.303	6.1	9.790	1.332	0.223	9.5	1.351	0.5	1.169	-0.109	-5.3	1.174
247973.5	842350.2	134.8	11.108	4.797	23.4	12.100	6.3	9.629	1.318	0.219	9.4	1.336	0.4	1.005	-0.084	-4.8	1.009
247972.9	842349.4	134.7	10.922	4.727	23.4	11.901	6.5	9.470	1.304	0.216	9.4	1.322	0.4	0.844	-0.060	-4.1	0.846
247972.3	842348.6	134.7	10.831	4.694	23.4	11.805	6.6	9.394	1.292	0.213	9.4	1.309	0.4	0.869	-0.067	-4.4	0.872
247971.7	842347.8	134.7	10.729	4.656	23.5	11.695	6.7	9.307	1.279	0.209	9.3	1.296	0.5	0.867	-0.070	-4.6	0.870
247971.1	842347.0	134.7	10.627	4.618	23.5	11.588	6.8	9.221	1.266	0.206	9.3	1.283	0.5	0.865	-0.073	-4.8	0.868
247970.6	842346.2	134.6	10.486	4.565	23.5	11.437	7.0	9.101	1.253	0.203	9.2	1.269	0.5	0.778	-0.063	-4.6	0.780
247970.0	842345.4	134.6	10.362	4.518	23.6	11.304	7.1	8.995	1.241	0.200	9.1	1.256	0.5	0.720	-0.058	-4.6	0.722
247969.4	842344.6	134.8	10.384	4.529	23.6	11.329	7.2	9.015	1.229	0.197	9.1	1.245	0.6	0.961	-0.101	-6.0	0.966
247968.8	842343.8	135.0	10.377	4.529	23.6	11.322	7.2	9.010	1.218	0.194	9.0	1.233	0.7	1.139	-0.133	-6.7	1.147
247968.2	842342.9	135.0	10.316	4.507	23.6	11.257	7.4	8.958	1.206	0.190	9.0	1.221	0.7	1.202	-0.148	-7.0	1.211
247967.6	842342.1	135.0	10.204	4.465	23.6	11.138	7.5	8.863	1.194	0.187	8.9	1.209	0.7	1.158	-0.146	-7.2	1.167
247967.0	842341.3	134.8	10.022	4.396	23.7	10.944	7.7	8.709	1.182	0.184	8.8	1.196	0.7	0.965	-0.120	-7.1	0.972
247966.4	842340.5	134.8	9.932	4.363	23.7	10.848	7.8	8.633	1.170	0.180	8.8	1.184	0.7	0.956	-0.124	-7.4	0.964
247965.8	842339.7	134.9	9.878	4.344	23.7	10.791	7.9	8.587	1.159	0.177	8.7	1.173	0.7	1.018	-0.139	-7.8	1.027
247965.2	842338.9	135.0	9.827	4.327	23.8	10.738	8.0	8.545	1.148	0.174	8.6	1.161	0.8	1.084	-0.154	-8.1	1.095
247964.6	842338.1	135.0	9.774	4.309	23.8	10.682	8.1	8.500	1.137	0.171	8.5	1.150	0.8	1.140	-0.168	-8.4	1.153
247964.0	842337.3	135.0	9.686	4.277	23.8	10.588	8.2	8.426	1.126	0.168	8.5	1.139	0.8	1.118	-0.170	-8.6	1.130
247963.4	842336.5	135.0	9.609	4.249	23.9	10.507	8.3	8.361	1.116	0.164	8.4	1.128	0.8	1.113	-0.174	-8.9	1.127
247962.9	842335.7	135.0	9.519	4.216	23.9	10.411	8.4	8.285	1.105	0.161	8.3	1.116	0.8	1.076	-0.174	-9.2	1.090
247962.3	842334.9	135.0	9.431	4.184	23.9	10.318	8.4	8.211	1.094	0.158	8.2	1.105	0.8	1.037	-0.174	-9.5	1.051
247961.7	842334.1	135.1	9.384	4.169	24.0	10.269	8.5	8.172	1.083	0.155	8.1	1.094	0.9	1.081	-0.185	-9.7	1.096
247961.1	842333.3	135.1	9.338	4.154	24.0	10.220	8.5	8.133	1.073	0.151	8.0	1.084	0.9	1.119	-0.195	-9.9	1.136
247960.5	842332.5	135.2	9.306	4.145	24.0	10.188	8.5	8.107	1.063	0.148	7.9	1.074	1.0	1.185	-0.209	-10.0	1.203
247959.9	842331.7	135.2	9.259	4.130	24.0	10.139	8.5	8.068	1.053	0.145	7.9	1.063	1.0	1.210	-0.218	-10.2	1.230
247959.3	842330.9	135.1	9.151	4.090	24.1	10.024	8.6	7.977	1.042	0.142	7.7	1.051	1.0	1.100	-0.207	-10.7	1.119

Max EF along centerline is 5.786 (kV/m) at 208.000 (m) from structure [redacted]/[redacted]-8

Cross section results at max EF along centerline between structures [redacted]/[redacted]-8 and [redacted]-9T





3D EMF Point Results Span from [redacted]-8 to [redacted]-9T:

Measurement			B					H	EF					Space Potential			
X (m)	Y (m)	Z (m)	Real (uT)	Imaginary (uT)	Angle (deg)	Magnitude (uT)	Polarization Axial Ratio %	Magnitude (A/m)	Real (kV/m)	Imaginary (kV/m)	Angle (deg)	Magnitude (kV/m)	Polarization Axial Ratio %	Real (kV)	Imaginary (kV)	Angle (deg)	Magnitude (kV)
248179.5	842604.6	133.3	18.093	8.209	24.4	19.868	19.9	15.811	0.986	0.618	32.1	1.164	5.2	0.853	-0.451	-27.9	0.965
248178.7	842605.2	133.3	19.630	8.665	23.8	21.457	19.6	17.075	1.228	0.686	29.2	1.406	4.9	1.118	-0.534	-25.5	1.239
248177.9	842605.8	133.3	21.311	9.137	23.2	23.187	19.1	18.452	1.510	0.755	26.6	1.688	4.7	1.435	-0.620	-23.4	1.564
248177.1	842606.4	133.3	23.151	9.622	22.6	25.071	18.5	19.951	1.837	0.822	24.1	2.012	4.4	1.819	-0.712	-21.4	1.954
248176.3	842607.0	133.4	25.154	10.119	21.9	27.113	17.7	21.576	2.210	0.885	21.8	2.381	4.2	2.278	-0.807	-19.5	2.417
248175.5	842607.6	133.4	27.324	10.624	21.2	29.317	16.9	23.330	2.632	0.944	19.7	2.796	4.0	2.822	-0.905	-17.8	2.964
248174.7	842608.2	133.4	29.662	11.136	20.6	31.683	15.9	25.213	3.098	0.995	17.8	3.254	3.9	3.469	-1.006	-16.2	3.612
248173.9	842608.8	133.5	32.095	11.634	19.9	34.138	14.8	27.166	3.600	1.037	16.1	3.747	3.6	4.167	-1.092	-14.7	4.307
248173.1	842609.4	133.5	34.596	12.118	19.3	36.657	13.5	29.171	4.123	1.069	14.5	4.260	3.3	4.923	-1.169	-13.4	5.059

248172.3	842609.9	133.5	36.972	12.554	18.8	39.045	12.1	31.071	4.641	1.089	13.2	4.767	2.9	5.591	-1.207	-12.2	5.720
248171.5	842610.5	133.4	38.805	12.871	18.3	40.884	10.6	32.534	5.109	1.098	12.1	5.225	2.4	5.828	-1.147	-11.1	5.940
248170.6	842611.1	133.4	40.311	13.145	18.1	42.400	9.0	33.741	5.500	1.097	11.3	5.608	1.9	5.920	-1.076	-10.3	6.017
248169.8	842611.7	133.3	41.393	13.373	17.9	43.500	7.5	34.616	5.777	1.090	10.7	5.879	1.5	5.844	-0.997	-9.7	5.928
248169.0	842612.3	133.3	42.225	13.601	17.9	44.362	5.9	35.302	5.919	1.077	10.3	6.017	1.3	5.834	-0.958	-9.3	5.912
248168.2	842612.9	133.2	42.597	13.792	17.9	44.774	4.4	35.630	5.907	1.060	10.2	6.001	1.2	5.724	-0.925	-9.2	5.798
248167.4	842613.5	133.2	42.532	13.951	18.2	44.761	2.9	35.620	5.743	1.040	10.3	5.836	1.2	5.545	-0.904	-9.3	5.618
248166.6	842614.1	133.2	42.004	14.067	18.5	44.297	1.5	35.251	5.445	1.015	10.6	5.538	1.3	5.253	-0.881	-9.5	5.326
248165.8	842614.7	133.2	41.076	14.138	19.0	43.441	0.8	34.569	5.044	0.984	11.0	5.139	1.5	4.863	-0.853	-9.9	4.937
248165.0	842615.3	133.2	39.845	14.170	19.6	42.289	1.6	33.653	4.579	0.947	11.7	4.676	1.6	4.410	-0.818	-10.5	4.485
248164.2	842615.9	133.2	38.413	14.167	20.2	40.942	2.6	32.581	4.083	0.902	12.5	4.181	1.8	3.929	-0.777	-11.2	4.005
248163.4	842616.5	133.2	36.873	14.135	21.0	39.489	3.5	31.425	3.586	0.850	13.3	3.686	1.8	3.447	-0.729	-11.9	3.523
248162.6	842617.1	133.2	35.301	14.082	21.7	38.006	4.4	30.244	3.110	0.790	14.3	3.209	1.9	2.987	-0.674	-12.7	3.062
248161.8	842617.6	133.2	33.756	14.015	22.5	36.550	5.1	29.085	2.668	0.724	15.2	2.764	1.9	2.560	-0.615	-13.5	2.633
248161.0	842618.2	133.2	32.301	13.949	23.4	35.184	5.6	27.999	2.266	0.654	16.1	2.358	1.8	2.195	-0.557	-14.2	2.265
248160.2	842618.8	133.2	30.991	13.904	24.2	33.967	6.1	27.030	1.908	0.581	16.9	1.994	1.7	1.916	-0.511	-14.9	1.983
248159.4	842619.4	133.3	29.783	13.867	25.0	32.853	6.4	26.144	1.591	0.505	17.6	1.669	1.5	1.663	-0.461	-15.5	1.726
248158.6	842620.0	133.3	28.688	13.841	25.8	31.852	6.6	25.347	1.313	0.428	18.1	1.381	1.1	1.433	-0.405	-15.8	1.489
248157.8	842620.6	133.4	27.722	13.839	26.5	30.985	6.8	24.657	1.070	0.351	18.2	1.126	0.5	1.231	-0.348	-15.8	1.279
248157.0	842621.2	133.4	26.884	13.863	27.3	30.248	6.8	24.070	0.856	0.275	17.8	0.899	1.0	1.049	-0.286	-15.2	1.087
248156.1	842621.8	133.4	26.172	13.920	28.0	29.644	6.7	23.590	0.668	0.199	16.6	0.698	3.1	0.882	-0.219	-14.0	0.909
248155.3	842622.4	133.5	25.590	14.016	28.7	29.177	6.6	23.218	0.502	0.129	14.4	0.518	7.5	0.730	-0.148	-11.5	0.745

Centerline results between structures [redacted]-9T and [redacted]/[redacted]-10

3D EMF Point Results Centerline from [redacted]-9T to [redacted]/[redacted]-10:

-------Measurement-------			-------------------------B--------------------------					H	------------------------EF-------------------------					----------Space Potential----------				
X	Y	Z	Real	Imaginary	Angle	Magnitude	Polarization	Magnitude	Real	Imaginary	Angle	Magnitude	Polarization	Real	Imaginary	Angle	Magnitude
(m)	(m)	(m)	(uT)	(uT)	(deg)	(uT)	Axial Ratio %	(A/m)	(kV/m)	(kV/m)	(deg)	(kV/m)	Axial Ratio %	(kV)	(kV)	(deg)	(kV)
247958.5	842329.8	135.0	9.011	4.038	24.1	9.875	8.6	7.858	1.027	0.137	7.6	1.036	0.9	0.953	-0.194	-11.5	0.972
247957.7	842329.2	135.1	9.085	4.064	24.1	9.953	8.6	7.920	1.040	0.141	7.7	1.050	0.9	0.995	-0.206	-11.7	1.016
247956.9	842328.6	135.2	9.188	4.102	24.1	10.062	8.6	8.007	1.054	0.144	7.8	1.064	1.0	1.095	-0.227	-11.7	1.118
247956.1	842328.0	135.3	9.295	4.141	24.0	10.176	8.5	8.098	1.068	0.148	7.9	1.079	1.0	1.195	-0.247	-11.7	1.220
247955.2	842327.5	135.3	9.361	4.164	24.0	10.245	8.5	8.153	1.082	0.152	8.0	1.093	1.0	1.201	-0.255	-12.0	1.228
247954.4	842326.9	135.1	9.347	4.154	24.0	10.229	8.5	8.140	1.094	0.155	8.0	1.105	0.8	1.033	-0.238	-13.0	1.060
247953.6	842326.3	135.0	9.359	4.154	23.9	10.240	8.4	8.149	1.107	0.158	8.1	1.118	0.7	0.912	-0.227	-14.0	0.939
247952.8	842325.7	135.1	9.472	4.196	23.9	10.360	8.3	8.244	1.121	0.161	8.2	1.133	0.8	1.000	-0.246	-13.8	1.029
247952.0	842325.1	135.2	9.582	4.237	23.9	10.477	8.2	8.337	1.136	0.165	8.3	1.148	0.8	1.075	-0.262	-13.7	1.107
247951.2	842324.6	135.2	9.663	4.266	23.8	10.563	8.1	8.406	1.150	0.169	8.3	1.162	0.8	1.084	-0.269	-14.0	1.117
247950.3	842324.0	135.3	9.747	4.297	23.8	10.652	8.0	8.477	1.164	0.172	8.4	1.177	0.8	1.091	-0.276	-14.2	1.125
247949.5	842323.4	135.3	9.848	4.333	23.8	10.759	7.9	8.562	1.178	0.176	8.5	1.191	0.8	1.125	-0.286	-14.3	1.161
247948.7	842322.8	135.3	9.934	4.365	23.7	10.850	7.8	8.634	1.193	0.179	8.5	1.206	0.7	1.123	-0.291	-14.5	1.160
247947.9	842322.3	135.4	10.034	4.402	23.7	10.957	7.6	8.720	1.208	0.183	8.6	1.222	0.7	1.144	-0.300	-14.7	1.183
247947.1	842321.7	135.4	10.100	4.425	23.7	11.026	7.5	8.775	1.222	0.186	8.7	1.236	0.7	1.087	-0.296	-15.2	1.126
247946.3	842321.1	135.4	10.221	4.470	23.6	11.155	7.3	8.877	1.238	0.190	8.7	1.252	0.7	1.135	-0.308	-15.2	1.176
247945.4	842320.5	135.5	10.367	4.525	23.6	11.311	7.2	9.001	1.254	0.194	8.8	1.269	0.7	1.228	-0.326	-14.9	1.270
247944.6	842319.9	135.6	10.518	4.581	23.5	11.472	7.0	9.130	1.270	0.198	8.9	1.286	0.7	1.321	-0.344	-14.6	1.365
247943.8	842319.4	135.7	10.620	4.618	23.5	11.581	6.9	9.216	1.286	0.202	8.9	1.302	0.7	1.309	-0.346	-14.8	1.354
247943.0	842318.8	135.7	10.695	4.645	23.5	11.660	6.7	9.279	1.302	0.205	9.0	1.318	0.6	1.238	-0.339	-15.3	1.283
247942.2	842318.2	135.7	10.844	4.701	23.4	11.819	6.6	9.405	1.320	0.209	9.0	1.336	0.6	1.303	-0.352	-15.1	1.350
247941.4	842317.6	135.8	10.953	4.741	23.4	11.935	6.4	9.498	1.337	0.213	9.1	1.354	0.6	1.284	-0.352	-15.3	1.331
247940.6	842317.0	135.9	11.120	4.803	23.4	12.112	6.3	9.639	1.355	0.218	9.1	1.372	0.6	1.366	-0.368	-15.1	1.415
247939.7	842316.5	136.0	11.290	4.866	23.3	12.294	6.1	9.783	1.374	0.222	9.2	1.391	0.6	1.447	-0.384	-14.9	1.497
247938.9	842315.9	136.1	11.467	4.931	23.3	12.482	5.9	9.933	1.393	0.227	9.2	1.411	0.7	1.530	-0.399	-14.6	1.581
247938.1	842315.3	136.3	11.680	5.010	23.2	12.709	5.8	10.113	1.413	0.231	9.3	1.432	0.7	1.669	-0.424	-14.3	1.722
247937.3	842314.7	136.4	11.887	5.085	23.2	12.929	5.6	10.288	1.434	0.236	9.4	1.453	0.8	1.787	-0.446	-14.0	1.842
247936.5	842314.2	136.6	12.105	5.165	23.1	13.161	5.4	10.473	1.456	0.241	9.4	1.476	0.8	1.914	-0.469	-13.8	1.970
247935.7	842313.6	136.7	12.317	5.242	23.1	13.386	5.2	10.652	1.478	0.246	9.5	1.498	0.8	2.018	-0.488	-13.6	2.076
247934.8	842313.0	136.8	12.534	5.320	23.0	13.616	5.1	10.835	1.500	0.252	9.5	1.521	0.9	2.122	-0.507	-13.4	2.182
247934.0	842312.4	137.0	12.756	5.400	22.9	13.852	4.9	11.023	1.523	0.257	9.6	1.545	0.9	2.225	-0.526	-13.3	2.286
247933.2	842311.8	137.0	12.912	5.455	22.9	14.017	4.8	11.154	1.545	0.262	9.6	1.567	0.9	2.204	-0.525	-13.4	2.265
247932.4	842311.3	137.1	13.073	5.512	22.9	14.187	4.6	11.290	1.568	0.267	9.7	1.591	0.9	2.184	-0.523	-13.5	2.246
247931.6	842310.7	137.2	13.273	5.583	22.8	14.399	4.5	11.458	1.592	0.273	9.7	1.616	0.9	2.222	-0.531	-13.5	2.285
247930.8	842310.1	137.2	13.477	5.654	22.8	14.615	4.3	11.630	1.617	0.278	9.8	1.641	0.9	2.258	-0.540	-13.4	2.322
247930.0	842309.5	137.3	13.685	5.727	22.7	14.835	4.2	11.806	1.642	0.284	9.8	1.667	0.9	2.293	-0.547	-13.4	2.357
247929.1	842308.9	137.5	13.958	5.823	22.6	15.124	4.0	12.035	1.669	0.290	9.9	1.694	0.9	2.424	-0.572	-13.3	2.490
247928.3	842308.4	137.8	14.354	5.961	22.6	15.542	3.8	12.368	1.699	0.297	9.9	1.725	1.0	2.740	-0.630	-12.9	2.811
247927.5	842307.8	138.0	14.766	6.105	22.5	15.978	3.6	12.715	1.730	0.304	10.0	1.756	1.1	3.065	-0.689	-12.7	3.142
247926.7	842307.2	138.2	15.108	6.222	22.4	16.339	3.4	13.003	1.759	0.311	10.0	1.786	1.1	3.269	-0.728	-12.6	3.350
247925.9	842306.6	138.3	15.367	6.310	22.3	16.612	3.2	13.220	1.787	0.317	10.1	1.815	1.1	3.339	-0.744	-12.6	3.421
247925.1	842306.1	138.5	15.652	6.406	22.3	16.912	3.1	13.458	1.816	0.323	10.1	1.844	1.1	3.440	-0.766	-12.6	3.524
247924.2	842305.5	138.6	15.954	6.507	22.2	17.230	2.9	13.711	1.845	0.330	10.1	1.874	1.2	3.560	-0.792	-12.5	3.647
247923.4	842304.9	138.7	16.265	6.610	22.1	17.557	2.8	13.971	1.875	0.336	10.2	1.905	1.2	3.685	-0.818	-12.5	3.775
247922.6	842304.3	138.9	16.618	6.728	22.0	17.929	2.6	14.267	1.905	0.343	10.2	1.936	1.2	3.865	-0.856	-12.5	3.959
247921.8	842303.7	138.9	16.855	6.805	22.0	18.177	2.5	14.465	1.933	0.350	10.2	1.965	1.2	3.875	-0.862	-12.5	3.970
247921.0	842303.2	139.0	17.082	6.878	21.9	18.415	2.4	14.654	1.961	0.356	10.3	1.993	1.2	3.870	-0.867	-12.6	3.965
247920.2	842302.6	139.0	17.308	6.950	21.9	18.652	2.3	14.842	1.989	0.362	10.3	2.022	1.2	3.860	-0.870	-12.7	3.956
247919.3	842302.0	139.1	17.538	7.023	21.8	18.892	2.2	15.033	2.017	0.368	10.3	2.050	1.1	3.853	-0.875	-12.8	3.951
247918.5	842301.4	139.1	17.739	7.086	21.8	19.102	2.1	15.201	2.044	0.373	10.4	2.078	1.1	3.807	-0.872	-12.9	3.906
247917.7	842300.8	139.1	17.949	7.152	21.7	19.322	2.0	15.376	2.071	0.379	10.4	2.105	1.1	3.774	-0.872	-13.0	3.873
247916.9	842300.3	139.2	18.181	7.225	21.7	19.564	1.9	15.569	2.098	0.385	10.4	2.134	1.1	3.770	-0.877	-13.1	3.871
247916.1	842299.7	139.2	18.412	7.297	21.6	19.805	1.9	15.760	2.126	0.391	10.4	2.162	1.1	3.765	-0.882	-13.2	3.867

247915.3	842299.1	139.2	18.626	7.363	21.6	20.028	1.8	15.938	2.153	0.397	10.5	2.189	1.0	3.738	-0.883	-13.3	3.841
247914.5	842298.5	139.3	18.843	7.429	21.5	20.255	1.7	16.118	2.179	0.403	10.5	2.216	1.0	3.718	-0.885	-13.4	3.821
247913.6	842298.0	139.3	19.128	7.518	21.5	20.552	1.6	16.355	2.207	0.410	10.5	2.244	1.0	3.789	-0.904	-13.4	3.895
247912.8	842297.4	139.4	19.385	7.596	21.4	20.820	1.6	16.568	2.234	0.416	10.5	2.272	1.0	3.825	-0.916	-13.5	3.933
247912.0	842296.8	139.4	19.587	7.657	21.4	21.030	1.5	16.735	2.259	0.422	10.6	2.298	0.9	3.790	-0.914	-13.6	3.899
247911.2	842296.2	139.4	19.836	7.732	21.3	21.289	1.5	16.942	2.286	0.428	10.6	2.325	0.9	3.821	-0.925	-13.6	3.931
247910.4	842295.6	139.4	20.000	7.780	21.3	21.460	1.5	17.077	2.310	0.433	10.6	2.350	0.9	3.743	-0.915	-13.7	3.853
247909.6	842295.1	139.4	20.232	7.849	21.2	21.701	1.4	17.269	2.336	0.439	10.7	2.377	0.8	3.756	-0.921	-13.8	3.868
247908.7	842294.5	139.5	20.476	7.921	21.1	21.955	1.4	17.471	2.361	0.445	10.7	2.403	0.8	3.789	-0.931	-13.8	3.902
247907.9	842293.9	139.5	20.713	7.991	21.1	22.201	1.4	17.667	2.386	0.452	10.7	2.429	0.8	3.816	-0.939	-13.8	3.930
247907.1	842293.3	139.5	20.918	8.050	21.0	22.414	1.4	17.836	2.411	0.458	10.7	2.454	0.7	3.804	-0.940	-13.9	3.919
247906.3	842292.7	139.5	21.125	8.110	21.0	22.628	1.4	18.007	2.435	0.464	10.8	2.479	0.7	3.799	-0.941	-13.9	3.914
247905.5	842292.2	139.5	21.334	8.170	21.0	22.845	1.4	18.179	2.459	0.470	10.8	2.504	0.6	3.800	-0.943	-13.9	3.915
247904.7	842291.6	139.5	21.550	8.232	20.9	23.069	1.5	18.357	2.483	0.476	10.8	2.528	0.6	3.814	-0.947	-13.9	3.929
247903.9	842291.0	139.6	21.946	8.349	20.8	23.480	1.5	18.685	2.511	0.483	10.9	2.557	0.6	4.054	-0.994	-13.8	4.175
247903.0	842290.4	139.7	22.398	8.482	20.7	23.950	1.6	19.059	2.540	0.490	10.9	2.586	0.6	4.361	-1.054	-13.6	4.487
247902.2	842289.9	139.7	22.596	8.536	20.7	24.155	1.6	19.222	2.563	0.496	11.0	2.610	0.5	4.361	-1.054	-13.6	4.486
247901.4	842289.3	139.7	22.734	8.572	20.7	24.296	1.6	19.334	2.584	0.502	11.0	2.633	0.5	4.291	-1.039	-13.6	4.415
247900.6	842288.7	139.6	22.835	8.598	20.6	24.400	1.6	19.417	2.605	0.507	11.0	2.654	0.5	4.181	-1.017	-13.7	4.303
247899.8	842288.1	139.6	22.927	8.620	20.6	24.493	1.7	19.491	2.625	0.513	11.1	2.675	0.5	4.062	-0.993	-13.7	4.181
247899.0	842287.5	139.5	23.017	8.641	20.6	24.586	1.7	19.565	2.646	0.518	11.1	2.696	0.4	3.944	-0.968	-13.8	4.061
247898.1	842287.0	139.4	23.107	8.663	20.6	24.677	1.7	19.637	2.667	0.524	11.1	2.718	0.4	3.827	-0.943	-13.8	3.942
247897.3	842286.4	139.5	23.462	8.763	20.5	25.045	1.8	19.930	2.693	0.531	11.1	2.745	0.5	4.032	-0.982	-13.7	4.150
247896.5	842285.8	139.5	23.760	8.846	20.4	25.353	1.8	20.175	2.719	0.537	11.2	2.772	0.6	4.165	-1.008	-13.6	4.285
247895.7	842285.2	139.5	23.998	8.911	20.4	25.599	1.9	20.371	2.744	0.543	11.2	2.798	0.6	4.227	-1.019	-13.6	4.348
247894.9	842284.6	139.5	24.206	8.966	20.3	25.813	2.0	20.541	2.769	0.549	11.2	2.823	0.7	4.252	-1.024	-13.5	4.374
247894.1	842284.1	139.5	24.325	8.995	20.3	25.934	2.0	20.638	2.792	0.555	11.2	2.847	0.7	4.172	-1.009	-13.6	4.293
247893.2	842283.5	139.4	24.275	8.975	20.3	25.881	2.0	20.596	2.812	0.560	11.3	2.867	0.7	3.894	-0.954	-13.8	4.010
247892.4	842282.9	139.3	24.316	8.982	20.3	25.922	2.0	20.628	2.835	0.565	11.3	2.891	0.7	3.720	-0.921	-13.9	3.832
247891.6	842282.3	139.3	24.535	9.040	20.2	26.147	2.1	20.807	2.862	0.571	11.3	2.919	0.8	3.753	-0.930	-13.9	3.866
247890.8	842281.8	139.3	24.862	9.128	20.2	26.484	2.1	21.076	2.893	0.577	11.3	2.950	0.8	3.910	-0.965	-13.9	4.028
247890.0	842281.2	139.4	25.296	9.247	20.1	26.934	2.2	21.433	2.927	0.584	11.3	2.985	0.9	4.188	-1.026	-13.8	4.312
247889.2	842280.6	139.4	25.592	9.326	20.0	27.238	2.3	21.675	2.959	0.590	11.3	3.017	1.0	4.300	-1.054	-13.8	4.427
247888.4	842280.0	139.5	25.891	9.405	20.0	27.546	2.4	21.920	2.991	0.596	11.3	3.050	1.0	4.413	-1.082	-13.8	4.544
247887.5	842279.4	139.6	26.426	9.549	19.9	28.098	2.5	22.360	3.029	0.603	11.3	3.089	1.1	4.786	-1.164	-13.7	4.926
247886.7	842278.9	139.7	26.956	9.691	19.8	28.645	2.6	22.795	3.069	0.610	11.3	3.129	1.3	5.145	-1.243	-13.6	5.293
247885.9	842278.3	139.7	27.189	9.750	19.7	28.884	2.7	22.985	3.100	0.616	11.2	3.161	1.3	5.176	-1.256	-13.6	5.326
247885.1	842277.7	139.7	27.422	9.808	19.7	29.124	2.8	23.176	3.131	0.622	11.2	3.193	1.3	5.207	-1.269	-13.7	5.359
247884.3	842277.1	139.6	27.657	9.866	19.6	29.364	2.8	23.367	3.163	0.628	11.2	3.225	1.3	5.240	-1.282	-13.8	5.395
247883.5	842276.5	139.6	27.750	9.885	19.6	29.458	2.8	23.442	3.190	0.633	11.2	3.253	1.2	5.121	-1.264	-13.9	5.274
247882.6	842276.0	139.5	27.818	9.897	19.6	29.526	2.8	23.496	3.217	0.637	11.2	3.280	1.2	4.976	-1.240	-14.0	5.128
247881.8	842275.4	139.5	27.890	9.911	19.6	29.598	2.9	23.554	3.244	0.643	11.2	3.307	1.1	4.837	-1.216	-14.1	4.987
247881.0	842274.8	139.4	28.090	9.959	19.5	29.803	2.9	23.717	3.273	0.648	11.2	3.337	1.1	4.840	-1.220	-14.1	4.992
247880.2	842274.2	139.4	28.296	10.009	19.5	30.014	2.9	23.884	3.302	0.654	11.2	3.367	1.1	4.852	-1.224	-14.2	5.004
247879.4	842273.7	139.4	28.590	10.081	19.4	30.315	3.0	24.124	3.333	0.661	11.2	3.398	1.1	4.962	-1.247	-14.1	5.116
247878.6	842273.1	139.4	28.809	10.134	19.4	30.539	3.1	24.303	3.362	0.667	11.2	3.427	1.1	4.993	-1.251	-14.1	5.148
247877.8	842272.5	139.3	28.848	10.138	19.4	30.578	3.1	24.333	3.385	0.672	11.2	3.452	1.0	4.833	-1.216	-14.1	4.984
247876.9	842271.9	139.3	28.826	10.126	19.4	30.553	3.1	24.313	3.407	0.677	11.2	3.474	1.0	4.609	-1.166	-14.2	4.754
247876.1	842271.3	139.2	28.936	10.149	19.3	30.664	3.1	24.402	3.432	0.683	11.3	3.500	1.0	4.528	-1.144	-14.2	4.670
247875.3	842270.8	139.2	29.108	10.189	19.3	30.840	3.1	24.542	3.459	0.690	11.3	3.528	1.0	4.515	-1.133	-14.1	4.655
247874.5	842270.2	139.1	29.255	10.222	19.3	30.989	3.1	24.661	3.486	0.696	11.3	3.555	1.0	4.474	-1.116	-14.0	4.611
247873.7	842269.6	139.1	29.439	10.264	19.2	31.177	3.2	24.810	3.514	0.703	11.3	3.584	1.0	4.470	-1.105	-13.9	4.604
247872.9	842269.0	139.2	29.783	10.348	19.2	31.529	3.2	25.090	3.548	0.711	11.3	3.618	1.1	4.634	-1.127	-13.7	4.769
247872.0	842268.4	139.2	30.097	10.424	19.1	31.851	3.3	25.346	3.582	0.719	11.3	3.653	1.2	4.760	-1.141	-13.5	4.895
247871.2	842267.9	139.2	30.415	10.499	19.0	32.176	3.4	25.605	3.617	0.727	11.4	3.690	1.2	4.882	-1.153	-13.3	5.016
247870.4	842267.3	139.2	30.736	10.576	19.0	32.504	3.4	25.866	3.655	0.735	11.4	3.728	1.3	4.998	-1.165	-13.1	5.132
247869.6	842266.7	139.2	31.059	10.652	18.9	32.835	3.5	26.129	3.694	0.743	11.4	3.768	1.4	5.109	-1.175	-13.0	5.242
247868.8	842266.1	139.2	31.112	10.660	18.9	32.888	3.5	26.171	3.726	0.751	11.4	3.801	1.4	4.929	-1.126	-12.9	5.056
247868.0	842265.6	139.1	31.244	10.687	18.9	33.021	3.5	26.278	3.763	0.759	11.4	3.839	1.4	4.821	-1.092	-12.8	4.944
247867.1	842265.0	139.2	31.711	10.798	18.8	33.499	3.6	26.658	3.812	0.768	11.4	3.888	1.5	5.051	-1.128	-12.6	5.175
247866.3	842264.4	139.2	32.120	10.894	18.7	33.917	3.6	26.990	3.860	0.777	11.4	3.938	1.5	5.208	-1.149	-12.4	5.333
247865.5	842263.8	139.2	32.484	10.978	18.7	34.289	3.7	27.286	3.909	0.787	11.4	3.987	1.6	5.309	-1.159	-12.3	5.434
247864.7	842263.2	139.1	32.286	10.924	18.7	34.084	3.7	27.123	3.942	0.794	11.4	4.022	1.4	4.826	-1.050	-12.3	4.939
247863.9	842262.7	138.9	31.912	10.826	18.7	33.698	3.6	26.816	3.974	0.802	11.4	4.054	1.2	4.140	-0.900	-12.3	4.237
247863.1	842262.1	138.9	32.044	10.853	18.7	33.832	3.6	26.923	4.020	0.811	11.4	4.101	1.2	3.974	-0.857	-12.2	4.065
247862.3	842261.5	139.0	32.470	10.952	18.6	34.267	3.7	27.269	4.074	0.821	11.4	4.156	1.3	4.111	-0.877	-12.0	4.203
247861.4	842260.9	139.0	32.937	11.061	18.6	34.744	3.7	27.649	4.131	0.832	11.4	4.214	1.3	4.282	-0.905	-11.9	4.377
247860.6	842260.3	139.1	33.595	11.214	18.5	35.417	3.8	28.184	4.194	0.842	11.4	4.278	1.5	4.642	-0.973	-11.8	4.743
247859.8	842259.8	139.2	34.302	11.376	18.3	36.139	3.9	28.758	4.260	0.853	11.3	4.344	1.6	5.037	-1.049	-11.8	5.146
247859.0	842259.2	139.2	34.446	11.405	18.3	36.285	4.0	28.875	4.311	0.863	11.3	4.397	1.6	4.857	-1.009	-11.7	4.961
247858.2	842258.6	139.1	34.578	11.430	18.3	36.418	4.0	28.980	4.364	0.872	11.3	4.450	1.5	4.659	-0.967	-11.7	4.758
247857.4	842258.0	139.2	34.964	11.515	18.2	36.812	4.0	29.294	4.424	0.881	11.3	4.510	1.5	4.719	-0.978	-11.7	4.819
247856.5	842257.5	139.3	35.601	11.658	18.1	37.461	4.1	29.811	4.490	0.891	11.2	4.577	1.6	5.031	-1.043	-11.7	5.138
247855.7	842256.9	139.3	35.996	11.743	18.1	37.863	4.1	30.130	4.549	0.899	11.2	4.637	1.6	5.101	-1.058	-11.7	5.210
247854.9	842256.3	139.3	36.472	11.846	18.0	38.348	4.2	30.516	4.609	0.908	11.1	4.698	1.7	5.259	-1.092	-11.7	5.371
247854.1	842255.7	139.3	36.785	11.911	17.9	38.665	4.2	30.769	4.663	0.916	11.1	4.752	1.6	5.263	-1.095	-11.7	5.376
247853.3	842255.1	139.3	36.825	11.887	17.9	38.696	4.2	30.793	4.700	0.919	11.1	4.789	1.5	5.005	-1.033	-11.7	5.111
247852.5	842254.6	139.3	37.318	11.992	17.8	39.198	4.3	31.193	4.753	0.927	11.0	4.842	1.6	5.219	-1.075	-11.6	5.328
247851.7	842254.0	139.3	37.653	12.061	17.8	39.538	4.3	31.463	4.798	0.934	11.0	4.888	1.6	5.294	-1.089	-11.6	5.405
247850.8	842253.4	139.3	37.900	12.111	17.7	39.788	4.3	31.662	4.837	0.941	11.0	4.927	1.6	5.303	-1.088	-11.6	5.414
247850.0	842252.8	139.3	38.084	12.146	17.7	39.974	4.3	31.810	4.870	0.947	11.0	4.961	1.5	5.274	-1.077	-11.5	5.383
247849.2	842252.2	139.3	38.202	12.167	17.7	40.093	4.3	31.905	4.898	0.952	11.0	4.990	1.5	5.204	-1.057	-11.5	5.310
247848.4	842251.7	139.3	38.413	12.208	17.6	40.306	4.3	32.074	4.925	0.958	11.0	5.017	1.5	5.248	-1.057	-11.4	5.353
247847.6	842251.1	139.3	38.595	12.243	17.6	40.490	4.3	32.221	4.948	0.963	11.0	5.041	1.5	5.286	-1.054	-11.3	5.390
247846.8	842250.5	139.3	38.979	12.321	17.5	40.880	4.4	32.531	4.974	0.968	11.0	5.067	1.6	5.539	-1.093	-11.2	5.646
247845.9	842249.9	139.3	39.281	12.381	17.5	41.186	4.4	32.775	4.997	0.972	11.0	5.090	1.7	5.731	-1.119	-11.0	5.839
247845.1	842249.4	139.3	39.437	12.410	17.5	41.343	4.4	32.900	5.014	0.976	11.0	5.108	1.8	5.798	-1.120	-10.9	5.905

247844.3	842248.8	139.2	39.562	12.432	17.4	41.469	4.4	33.000	5.030	0.979	11.0	5.125	1.8	5.850	-1.118	-10.8	5.956
247843.5	842248.2	139.1	39.394	12.392	17.5	41.297	4.3	32.863	5.037	0.982	11.0	5.132	1.7	5.635	-1.064	-10.7	5.734
247842.7	842247.6	139.1	39.548	12.420	17.4	41.452	4.3	32.987	5.053	0.984	11.0	5.148	1.8	5.738	-1.073	-10.6	5.838
247841.9	842247.0	139.1	39.637	12.435	17.4	41.542	4.3	33.058	5.068	0.986	11.0	5.163	1.8	5.789	-1.073	-10.5	5.887
247841.0	842246.5	139.0	39.660	12.436	17.4	41.564	4.3	33.075	5.080	0.988	11.0	5.176	1.8	5.782	-1.062	-10.4	5.879
247840.2	842245.9	139.0	39.583	12.417	17.4	41.485	4.3	33.013	5.090	0.990	11.0	5.185	1.8	5.688	-1.035	-10.3	5.781
247839.4	842245.3	138.9	39.470	12.390	17.4	41.369	4.2	32.921	5.099	0.991	11.0	5.194	1.8	5.563	-1.004	-10.2	5.652
247838.6	842244.7	138.9	39.440	12.381	17.4	41.338	4.2	32.896	5.111	0.992	11.0	5.206	1.8	5.521	-0.990	-10.2	5.609
247837.8	842244.1	138.8	39.511	12.393	17.4	41.409	4.2	32.952	5.125	0.993	11.0	5.221	1.8	5.581	-0.996	-10.1	5.669
247837.0	842243.6	138.8	39.460	12.380	17.4	41.356	4.1	32.910	5.137	0.994	10.9	5.232	1.8	5.526	-0.982	-10.1	5.613
247836.2	842243.0	138.7	39.545	12.420	17.4	41.450	4.2	32.985	5.159	1.002	11.0	5.255	1.8	5.587	-1.027	-10.4	5.681
247835.3	842242.4	138.7	39.555	12.420	17.4	41.459	4.2	32.992	5.171	1.003	11.0	5.268	1.8	5.598	-1.025	-10.4	5.691
247834.5	842241.8	138.6	39.558	12.419	17.4	41.462	4.2	32.994	5.183	1.004	11.0	5.279	1.8	5.607	-1.023	-10.3	5.699
247833.7	842241.3	138.6	39.578	12.421	17.4	41.481	4.1	33.010	5.194	1.004	10.9	5.290	1.8	5.635	-1.026	-10.3	5.728
247832.9	842240.7	138.6	39.554	12.415	17.4	41.457	4.1	32.990	5.203	1.005	10.9	5.299	1.8	5.624	-1.021	-10.3	5.716
247832.1	842240.1	138.5	39.531	12.408	17.4	41.433	4.1	32.971	5.211	1.005	10.9	5.307	1.7	5.618	-1.017	-10.3	5.709
247831.3	842239.5	138.5	39.541	12.409	17.4	41.443	4.1	32.979	5.220	1.006	10.9	5.316	1.7	5.648	-1.020	-10.2	5.739
247830.4	842238.9	138.5	39.802	12.462	17.4	41.708	4.1	33.190	5.236	1.007	10.9	5.332	1.8	5.923	-1.070	-10.2	6.019
247829.6	842238.4	138.4	39.705	12.441	17.4	41.609	4.0	33.111	5.241	1.007	10.9	5.337	1.8	5.852	-1.054	-10.2	5.946
247828.8	842237.8	138.3	39.406	12.379	17.4	41.305	4.0	32.869	5.240	1.007	10.9	5.336	1.7	5.583	-1.001	-10.2	5.672
247828.0	842237.2	138.3	39.193	12.335	17.5	41.088	4.0	32.697	5.242	1.007	10.9	5.338	1.7	5.396	-0.964	-10.1	5.482
247827.2	842236.6	138.2	39.077	12.311	17.5	40.970	3.9	32.603	5.248	1.007	10.9	5.343	1.6	5.304	-0.947	-10.1	5.388
247826.4	842236.0	138.2	39.331	12.364	17.5	41.229	3.9	32.809	5.265	1.007	10.8	5.361	1.7	5.581	-1.001	-10.2	5.670
247825.6	842235.5	138.2	39.297	12.357	17.5	41.194	3.9	32.781	5.274	1.006	10.8	5.369	1.7	5.571	-1.000	-10.2	5.660
247824.7	842234.9	138.1	39.010	12.299	17.5	40.903	3.9	32.549	5.274	1.006	10.8	5.369	1.6	5.311	-0.951	-10.1	5.396
247823.9	842234.3	138.2	39.410	12.381	17.4	41.309	3.9	32.872	5.293	1.006	10.8	5.388	1.7	5.738	-1.033	-10.2	5.831
247823.1	842233.7	138.1	39.191	12.338	17.5	41.087	3.8	32.696	5.292	1.006	10.8	5.387	1.6	5.554	-0.997	-10.2	5.643
247822.3	842233.2	138.1	39.280	12.357	17.5	41.178	3.8	32.769	5.298	1.006	10.7	5.392	1.6	5.682	-1.020	-10.2	5.772
247821.5	842232.6	138.0	39.160	12.334	17.5	41.056	3.8	32.671	5.295	1.006	10.8	5.390	1.5	5.604	-1.002	-10.1	5.692
247820.7	842232.0	138.1	39.546	12.414	17.4	41.449	3.8	32.984	5.307	1.006	10.7	5.402	1.6	6.033	-1.079	-10.1	6.129
247819.8	842231.4	138.0	39.227	12.351	17.5	41.125	3.8	32.726	5.295	1.006	10.8	5.389	1.6	5.766	-1.023	-10.1	5.856
247819.0	842230.8	137.9	38.882	12.283	17.5	40.776	3.7	32.449	5.281	1.006	10.8	5.376	1.5	5.472	-0.962	-10.0	5.555
247818.2	842230.3	137.9	38.999	12.309	17.5	40.895	3.7	32.543	5.283	1.007	10.8	5.378	1.5	5.636	-0.987	-9.9	5.722
247817.4	842229.7	137.8	38.845	12.280	17.5	40.740	3.7	32.420	5.277	1.007	10.8	5.372	1.5	5.526	-0.960	-9.9	5.609
247816.6	842229.1	137.8	38.580	12.228	17.6	40.471	3.6	32.206	5.270	1.007	10.8	5.365	1.5	5.296	-0.911	-9.8	5.374
247815.8	842228.5	137.7	38.313	12.176	17.6	40.201	3.6	31.991	5.265	1.008	10.8	5.360	1.4	5.053	-0.861	-9.7	5.126
247814.9	842227.9	137.5	37.490	12.009	17.8	39.367	3.6	31.327	5.246	1.007	10.9	5.342	1.2	4.217	-0.699	-9.4	4.275
247814.1	842227.4	137.4	37.294	11.972	17.8	39.168	3.5	31.169	5.251	1.007	10.9	5.347	1.2	4.017	-0.661	-9.3	4.071
247813.3	842226.8	137.5	37.693	12.058	17.7	39.575	3.5	31.493	5.275	1.008	10.8	5.370	1.3	4.435	-0.743	-9.5	4.497
247812.5	842226.2	137.6	38.021	12.130	17.7	39.909	3.5	31.758	5.300	1.009	10.8	5.395	1.4	4.764	-0.809	-9.6	4.832
247811.7	842225.6	137.5	37.693	12.066	17.8	39.577	3.5	31.494	5.307	1.009	10.8	5.402	1.3	4.398	-0.745	-9.6	4.460
247810.9	842225.1	137.4	37.614	12.054	17.8	39.498	3.5	31.431	5.322	1.009	10.7	5.417	1.3	4.283	-0.730	-9.7	4.345
247810.1	842224.5	137.5	37.833	12.103	17.7	39.722	3.5	31.610	5.346	1.010	10.7	5.441	1.3	4.480	-0.775	-9.8	4.547
247809.2	842223.9	137.5	38.050	12.153	17.7	39.944	3.5	31.786	5.369	1.011	10.7	5.464	1.3	4.671	-0.818	-9.9	4.742
247808.4	842223.3	137.5	38.265	12.201	17.7	40.164	3.5	31.961	5.391	1.011	10.6	5.485	1.3	4.859	-0.861	-10.1	4.935
247807.6	842222.7	137.6	38.478	12.250	17.7	40.381	3.5	32.134	5.411	1.012	10.6	5.505	1.3	5.046	-0.903	-10.2	5.126
247806.8	842222.2	137.5	38.436	12.246	17.7	40.340	3.4	32.102	5.421	1.013	10.6	5.515	1.3	4.972	-0.896	-10.2	5.052
247806.0	842221.6	137.4	37.903	12.142	17.8	39.800	3.4	31.672	5.416	1.013	10.6	5.510	1.1	4.385	-0.791	-10.2	4.456
247805.2	842221.0	137.4	38.082	12.184	17.7	39.983	3.4	31.818	5.427	1.014	10.6	5.521	1.1	4.555	-0.828	-10.3	4.629
247804.3	842220.4	137.5	38.284	12.231	17.7	40.191	3.4	31.983	5.437	1.015	10.6	5.531	1.1	4.756	-0.869	-10.4	4.834
247803.5	842219.8	137.5	38.537	12.289	17.7	40.449	3.4	32.188	5.447	1.015	10.6	5.541	1.2	5.015	-0.921	-10.4	5.099
247802.7	842219.3	137.6	38.789	12.346	17.7	40.706	3.4	32.393	5.456	1.016	10.5	5.550	1.2	5.276	-0.972	-10.4	5.365
247801.9	842218.7	137.6	38.947	12.384	17.6	40.869	3.4	32.522	5.462	1.016	10.5	5.556	1.3	5.445	-1.007	-10.5	5.537
247801.1	842218.1	137.5	38.535	12.307	17.7	40.452	3.3	32.191	5.450	1.016	10.6	5.544	1.2	5.027	-0.932	-10.5	5.113
247800.3	842217.5	137.4	38.166	12.238	17.8	40.080	3.3	31.894	5.440	1.015	10.6	5.534	1.1	4.653	-0.866	-10.5	4.733
247799.5	842217.0	137.4	38.025	12.216	17.8	39.939	3.3	31.782	5.437	1.014	10.6	5.531	1.1	4.522	-0.845	-10.6	4.601
247798.6	842216.4	137.4	38.023	12.223	17.8	39.939	3.3	31.783	5.437	1.013	10.6	5.531	1.1	4.545	-0.854	-10.6	4.625
247797.8	842215.8	137.4	37.946	12.214	17.8	39.864	3.3	31.723	5.434	1.012	10.6	5.528	1.0	4.494	-0.850	-10.7	4.573
247797.0	842215.2	137.3	37.849	12.201	17.9	39.767	3.3	31.646	5.430	1.011	10.5	5.523	1.0	4.427	-0.843	-10.8	4.507
247796.2	842214.6	137.4	37.995	12.239	17.9	39.918	3.3	31.765	5.429	1.009	10.5	5.522	1.0	4.631	-0.885	-10.8	4.715
247795.4	842214.1	137.5	38.837	12.419	17.7	40.774	3.2	32.447	5.446	1.008	10.5	5.538	1.2	5.574	-1.064	-10.8	5.675
247794.6	842213.5	137.6	39.106	12.481	17.7	41.049	3.2	32.666	5.444	1.007	10.5	5.537	1.3	5.919	-1.131	-10.8	6.026
247793.7	842212.9	137.4	38.087	12.282	17.9	40.018	3.2	31.845	5.401	1.004	10.5	5.494	1.0	4.937	-0.952	-10.9	5.028
247792.9	842212.3	137.3	37.446	12.158	18.0	39.370	3.2	31.330	5.368	1.002	10.6	5.461	0.9	4.342	-0.842	-11.0	4.423
247792.1	842211.7	137.4	37.866	12.253	17.9	39.799	3.2	31.671	5.360	1.000	10.6	5.453	1.0	4.900	-0.946	-10.9	4.990
247791.3	842211.2	137.4	38.289	12.349	17.9	40.231	3.2	32.015	5.352	0.999	10.6	5.445	1.1	5.461	-1.050	-10.9	5.561
247790.5	842210.6	137.5	38.501	12.402	17.9	40.450	3.2	32.189	5.338	0.996	10.6	5.431	1.2	5.804	-1.113	-10.9	5.910
247789.7	842210.0	137.3	37.722	12.250	18.0	39.662	3.2	31.562	5.293	0.993	10.6	5.385	1.0	5.116	-0.985	-10.9	5.210
247788.8	842209.4	137.2	37.097	12.129	18.1	39.029	3.2	31.059	5.253	0.990	10.7	5.346	0.9	4.582	-0.884	-10.9	4.667
247788.0	842208.9	137.4	37.996	12.326	18.0	39.945	3.1	31.787	5.257	0.987	10.6	5.349	1.1	5.682	-1.090	-10.9	5.786
247787.2	842208.3	137.4	38.033	12.343	18.0	39.986	3.1	31.820	5.236	0.984	10.6	5.328	1.2	5.867	-1.124	-10.8	5.974
247786.4	842207.7	137.4	37.767	12.298	18.0	39.719	3.1	31.607	5.204	0.980	10.7	5.296	1.2	5.741	-1.101	-10.9	5.845
247785.6	842207.1	137.4	37.583	12.270	18.1	39.535	3.1	31.461	5.174	0.977	10.7	5.265	1.1	5.704	-1.094	-10.9	5.808
247784.8	842206.5	137.3	37.296	12.220	18.1	39.247	3.1	31.232	5.140	0.973	10.7	5.231	1.1	5.563	-1.067	-10.9	5.665
247784.0	842206.0	137.2	36.551	12.074	18.3	38.493	3.1	30.632	5.091	0.968	10.8	5.182	1.0	4.934	-0.948	-10.9	5.024
247783.1	842205.4	137.2	36.440	12.061	18.3	38.384	3.1	30.545	5.060	0.964	10.8	5.151	1.0	4.986	-0.957	-10.9	5.077
247782.3	842204.8	137.1	36.087	11.996	18.4	38.028	3.1	30.262	5.022	0.960	10.8	5.113	0.9	4.778	-0.916	-10.9	4.865
247781.5	842204.2	137.0	35.717	11.927	18.5	37.656	3.1	29.965	4.983	0.956	10.9	5.074	0.9	4.550	-0.872	-10.8	4.633
247780.7	842203.6	137.0	35.513	11.894	18.5	37.452	3.1	29.803	4.949	0.952	10.9	5.039	0.9	4.506	-0.862	-10.8	4.588
247779.9	842203.1	137.0	35.346	11.869	18.6	37.286	3.1	29.671	4.915	0.948	10.9	5.006	0.9	4.502	-0.860	-10.8	4.584
247779.1	842202.5	137.0	35.206	11.849	18.6	37.147	3.1	29.561	4.884	0.944	10.9	4.974	0.9	4.527	-0.864	-10.8	4.609
247778.2	842201.9	136.9	35.033	11.823	18.6	36.974	3.1	29.423	4.851	0.939	11.0	4.941	0.9	4.514	-0.861	-10.8	4.595
247777.4	842201.3	137.0	35.192	11.869	18.6	37.139	3.1	29.555	4.829	0.936	11.0	4.919	1.0	4.865	-0.928	-10.8	4.953
247776.6	842200.8	137.0	35.076	11.856	18.7	37.025	3.1	29.464	4.800	0.932	11.0	4.890	1.0	4.909	-0.936	-10.8	4.998
247775.8	842200.2	136.9	34.440	11.727	18.8	36.382	3.2	28.952	4.756	0.927	11.0	4.846	0.9	4.371	-0.833	-10.8	4.450
247775.0	842199.6	136.7	33.926	11.624	18.9	35.862	3.2	28.538	4.718	0.922	11.1	4.807	0.8	3.954	-0.753	-10.8	4.025
247774.2	842199.0	136.7	33.738	11.594	19.0	35.674	3.2	28.389	4.690	0.918	11.1	4.779	0.8	3.901	-0.744	-10.8	3.972

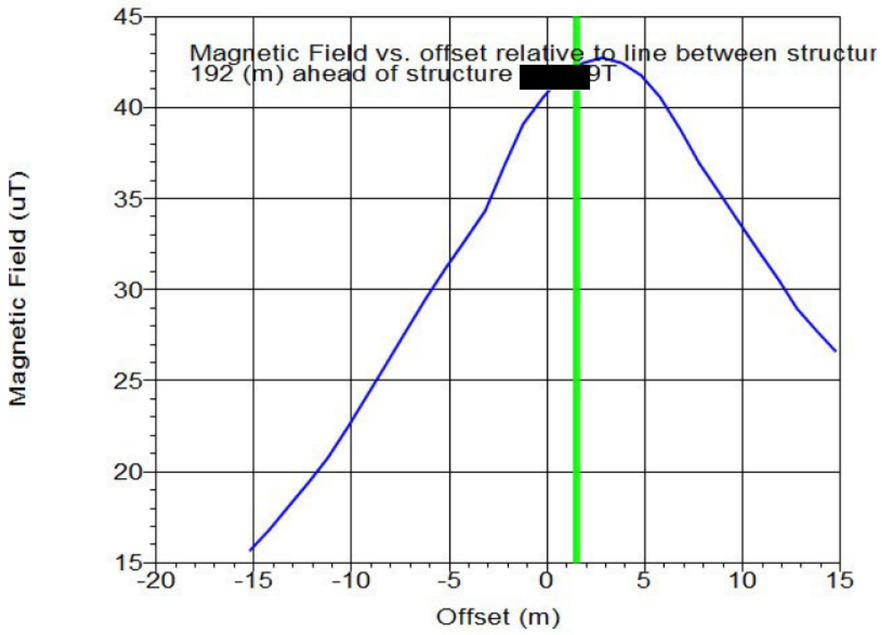
247773.4	842198.4	136.7	33.549	11.563	19.0	35.486	3.2	28.239	4.663	0.914	11.1	4.752	0.8	3.841	-0.734	-10.8	3.911
247772.5	842197.9	136.7	33.435	11.549	19.1	35.373	3.2	28.149	4.639	0.910	11.1	4.727	0.8	3.862	-0.741	-10.9	3.932
247771.7	842197.3	136.8	33.619	11.604	19.0	35.565	3.2	28.302	4.624	0.906	11.1	4.712	0.9	4.219	-0.814	-10.9	4.297
247770.9	842196.7	136.8	33.824	11.664	19.0	35.779	3.2	28.472	4.611	0.902	11.1	4.699	1.0	4.593	-0.890	-11.0	4.679
247770.1	842196.1	136.8	33.596	11.625	19.1	35.551	3.2	28.290	4.586	0.898	11.1	4.673	1.0	4.472	-0.871	-11.0	4.556
247769.3	842195.5	136.8	33.308	11.572	19.2	35.261	3.2	28.060	4.560	0.894	11.1	4.647	0.9	4.277	-0.837	-11.1	4.358
247768.5	842195.0	136.7	33.078	11.532	19.2	35.031	3.3	27.877	4.535	0.890	11.1	4.622	0.9	4.143	-0.815	-11.1	4.223
247767.6	842194.4	136.7	32.960	11.518	19.3	34.915	3.3	27.785	4.513	0.886	11.1	4.600	0.9	4.137	-0.817	-11.2	4.216
247766.8	842193.8	136.8	33.005	11.542	19.3	34.965	3.3	27.824	4.496	0.882	11.1	4.582	0.9	4.315	-0.855	-11.2	4.399
247766.0	842193.2	136.8	32.959	11.545	19.3	34.923	3.3	27.791	4.476	0.879	11.1	4.561	0.9	4.387	-0.873	-11.2	4.473
247765.2	842192.7	136.8	32.757	11.512	19.4	34.721	3.3	27.630	4.451	0.875	11.1	4.536	0.9	4.278	-0.854	-11.3	4.363
247764.4	842192.1	136.7	32.554	11.479	19.4	34.518	3.3	27.469	4.426	0.871	11.1	4.511	0.9	4.167	-0.835	-11.3	4.250
247763.6	842191.5	136.7	32.351	11.445	19.5	34.316	3.3	27.308	4.401	0.867	11.1	4.486	0.8	4.054	-0.815	-11.4	4.135
247762.7	842190.9	136.7	32.187	11.421	19.5	34.153	3.3	27.178	4.377	0.863	11.2	4.462	0.8	3.985	-0.803	-11.4	4.065
247761.9	842190.3	136.7	32.126	11.420	19.6	34.095	3.4	27.132	4.356	0.859	11.2	4.440	0.8	4.036	-0.814	-11.4	4.117
247761.1	842189.8	136.7	32.062	11.420	19.6	34.035	3.4	27.084	4.334	0.856	11.2	4.417	0.8	4.083	-0.824	-11.4	4.165
247760.3	842189.2	136.7	31.995	11.419	19.6	33.972	3.4	27.034	4.311	0.852	11.2	4.395	0.8	4.127	-0.833	-11.4	4.210
247759.5	842188.6	136.8	31.927	11.417	19.7	33.907	3.4	26.982	4.289	0.848	11.2	4.372	0.8	4.168	-0.841	-11.4	4.252
247758.7	842188.0	136.8	31.856	11.415	19.7	33.839	3.4	26.928	4.266	0.844	11.2	4.348	0.8	4.205	-0.848	-11.4	4.290
247757.9	842187.4	136.7	31.636	11.378	19.8	33.620	3.4	26.754	4.239	0.841	11.2	4.321	0.8	4.067	-0.820	-11.4	4.149
247757.0	842186.9	136.7	31.223	11.292	19.9	33.203	3.5	26.422	4.207	0.836	11.2	4.289	0.7	3.699	-0.746	-11.4	3.774
247756.2	842186.3	136.7	31.151	11.290	19.9	33.134	3.5	26.367	4.184	0.833	11.3	4.266	0.7	3.732	-0.751	-11.4	3.807
247755.4	842185.7	136.7	31.097	11.293	20.0	33.084	3.5	26.328	4.161	0.829	11.3	4.243	0.7	3.785	-0.760	-11.4	3.861
247754.6	842185.1	136.7	31.041	11.295	20.0	33.032	3.5	26.286	4.139	0.825	11.3	4.220	0.7	3.834	-0.768	-11.3	3.910
247753.8	842184.6	136.7	30.983	11.296	20.0	32.978	3.5	26.243	4.117	0.821	11.3	4.198	0.7	3.878	-0.775	-11.3	3.954
247753.0	842184.0	136.8	30.922	11.297	20.1	32.921	3.6	26.198	4.095	0.818	11.3	4.176	0.8	3.916	-0.781	-11.3	3.993
247752.1	842183.4	136.8	30.859	11.298	20.1	32.862	3.6	26.151	4.073	0.814	11.3	4.154	0.8	3.949	-0.787	-11.3	4.027
247751.3	842182.8	136.8	30.794	11.298	20.1	32.801	3.6	26.103	4.052	0.810	11.3	4.133	0.8	3.977	-0.791	-11.2	4.055
247750.5	842182.2	136.8	30.727	11.298	20.2	32.738	3.6	26.052	4.032	0.806	11.3	4.112	0.8	3.999	-0.794	-11.2	4.077
247749.7	842181.7	136.8	30.441	11.243	20.3	32.451	3.7	25.824	4.006	0.802	11.3	4.086	0.7	3.758	-0.744	-11.2	3.831
247748.9	842181.1	136.7	30.086	11.169	20.4	32.092	3.7	25.538	3.979	0.798	11.3	4.058	0.7	3.427	-0.677	-11.2	3.494
247748.1	842180.5	136.8	30.134	11.199	20.4	32.147	3.7	25.582	3.962	0.795	11.3	4.041	0.7	3.579	-0.706	-11.2	3.648
247747.3	842179.9	136.8	29.945	11.167	20.5	31.959	3.8	25.432	3.939	0.791	11.4	4.018	0.7	3.443	-0.677	-11.1	3.509
247746.4	842179.3	136.8	29.758	11.136	20.5	31.774	3.8	25.285	3.917	0.787	11.4	3.995	0.7	3.306	-0.649	-11.1	3.369
247745.6	842178.8	136.8	29.662	11.129	20.6	31.681	3.8	25.211	3.897	0.783	11.4	3.975	0.6	3.275	-0.641	-11.1	3.337
247744.8	842178.2	136.9	29.817	11.187	20.6	31.846	3.8	25.342	3.883	0.780	11.4	3.961	0.7	3.546	-0.694	-11.1	3.614
247744.0	842177.6	136.9	29.796	11.199	20.6	31.831	3.8	25.330	3.865	0.777	11.4	3.942	0.7	3.601	-0.704	-11.1	3.669
247743.2	842177.0	136.9	29.644	11.177	20.7	31.681	3.9	25.211	3.845	0.773	11.4	3.922	0.7	3.494	-0.681	-11.0	3.560
247742.4	842176.5	136.9	29.499	11.153	20.7	31.537	3.9	25.096	3.825	0.769	11.4	3.901	0.7	3.372	-0.663	-11.1	3.437
247741.5	842175.9	136.9	29.346	11.131	20.8	31.386	4.0	24.976	3.805	0.765	11.4	3.881	0.7	3.256	-0.639	-11.1	3.318
247740.7	842175.3	136.9	29.178	11.105	20.8	31.220	4.0	24.844	3.786	0.761	11.4	3.862	0.7	3.115	-0.611	-11.1	3.175
247739.9	842174.7	136.9	28.999	11.075	20.9	31.042	4.1	24.702	3.767	0.758	11.4	3.843	0.6	2.956	-0.580	-11.1	3.013
247739.1	842174.1	136.9	28.820	11.046	21.0	30.864	4.1	24.561	3.750	0.754	11.4	3.825	0.6	2.792	-0.548	-11.1	2.845
247738.3	842173.6	137.0	28.870	11.078	21.0	30.923	4.1	24.608	3.738	0.751	11.4	3.813	0.7	2.907	-0.573	-11.1	2.963
247737.5	842173.0	137.0	28.985	11.128	21.0	31.048	4.1	24.707	3.728	0.747	11.3	3.802	0.7	3.097	-0.613	-11.2	3.157
247736.6	842172.4	137.2	29.304	11.233	21.0	31.383	4.1	24.974	3.723	0.744	11.3	3.797	0.8	3.527	-0.702	-11.3	3.596
247735.8	842171.8	137.3	29.313	11.256	21.0	31.400	4.1	24.987	3.712	0.741	11.3	3.786	0.8	3.579	-0.716	-11.3	3.650
247735.0	842171.2	137.2	29.079	11.213	21.1	31.166	4.1	24.801	3.696	0.737	11.3	3.769	0.8	3.335	-0.672	-11.4	3.402
247734.2	842170.7	137.3	29.038	11.221	21.1	31.131	4.2	24.773	3.685	0.733	11.2	3.757	0.8	3.322	-0.674	-11.5	3.390
247733.4	842170.1	137.5	29.465	11.358	21.1	31.578	4.1	25.129	3.683	0.729	11.2	3.754	0.8	3.872	-0.788	-11.5	3.951
247732.6	842169.5	137.4	29.213	11.310	21.2	31.326	4.2	24.929	3.665	0.725	11.2	3.736	0.8	3.610	-0.741	-11.6	3.685
247731.8	842168.9	137.4	28.999	11.272	21.2	31.113	4.2	24.759	3.649	0.720	11.2	3.719	0.7	3.393	-0.703	-11.7	3.465
247730.9	842168.4	137.6	29.278	11.370	21.2	31.408	4.2	24.994	3.641	0.716	11.1	3.710	0.8	3.772	-0.782	-11.7	3.852
247730.1	842167.8	137.6	29.070	11.334	21.3	31.201	4.3	24.829	3.621	0.711	11.1	3.691	0.7	3.572	-0.746	-11.8	3.649
247729.3	842167.2	137.6	29.047	11.349	21.3	31.185	4.3	24.817	3.605	0.707	11.1	3.673	0.7	3.598	-0.755	-11.8	3.677
247728.5	842166.6	137.8	29.336	11.451	21.3	31.491	4.2	25.060	3.593	0.702	11.1	3.661	0.7	4.001	-0.836	-11.8	4.088
247727.7	842166.0	137.8	29.227	11.443	21.4	31.388	4.3	24.977	3.571	0.697	11.0	3.639	0.7	3.939	-0.825	-11.8	4.025
247726.9	842165.5	137.8	29.104	11.431	21.4	31.269	4.3	24.883	3.548	0.692	11.0	3.615	0.7	3.866	-0.812	-11.9	3.951
247726.0	842164.9	137.8	28.989	11.421	21.5	31.158	4.4	24.794	3.523	0.686	11.0	3.589	0.6	3.810	-0.801	-11.9	3.893
247725.2	842164.3	138.0	29.129	11.484	21.5	31.311	4.4	24.917	3.502	0.681	11.0	3.568	0.6	4.062	-0.849	-11.8	4.149
247724.4	842163.7	138.0	29.080	11.493	21.6	31.268	4.4	24.883	3.476	0.676	11.0	3.542	0.6	4.095	-0.853	-11.8	4.183
247723.6	842163.1	138.0	29.013	11.497	21.6	31.208	4.4	24.835	3.449	0.670	11.0	3.514	0.6	4.115	-0.855	-11.7	4.203
247722.8	842162.6	138.1	28.895	11.487	21.7	31.094	4.5	24.744	3.420	0.664	11.0	3.484	0.6	4.080	-0.845	-11.7	4.167
247722.0	842162.0	138.0	28.635	11.437	21.8	30.835	4.6	24.538	3.388	0.657	11.0	3.451	0.5	3.885	-0.804	-11.7	3.967
247721.2	842161.4	138.0	28.328	11.372	21.9	30.526	4.7	24.291	3.354	0.650	11.0	3.417	0.5	3.636	-0.753	-11.7	3.713
247720.3	842160.8	138.0	28.025	11.308	22.0	30.220	4.8	24.049	3.320	0.643	11.0	3.382	0.5	3.393	-0.703	-11.7	3.465
247719.5	842160.3	137.9	27.732	11.245	22.1	29.925	4.9	23.814	3.287	0.636	10.9	3.348	0.4	3.163	-0.656	-11.7	3.231
247718.7	842159.7	137.9	27.498	11.200	22.2	29.691	4.9	23.627	3.255	0.628	10.9	3.315	0.4	3.006	-0.622	-11.7	3.069
247717.9	842159.1	137.9	27.266	11.154	22.2	29.459	5.0	23.443	3.223	0.621	10.9	3.282	0.4	2.850	-0.590	-11.7	2.911
247717.1	842158.5	137.9	27.114	11.132	22.3	29.310	5.1	23.325	3.193	0.614	10.9	3.251	0.4	2.793	-0.577	-11.7	2.852
247716.3	842157.9	138.0	27.187	11.178	22.4	29.395	5.1	23.392	3.167	0.606	10.8	3.225	0.5	3.006	-0.615	-11.6	3.068
247715.4	842157.4	137.9	26.904	11.117	22.5	29.111	5.2	23.165	3.136	0.599	10.8	3.192	0.4	2.791	-0.573	-11.6	2.849
247714.6	842156.8	138.0	26.765	11.098	22.5	28.975	5.3	23.058	3.107	0.591	10.8	3.163	0.4	2.747	-0.564	-11.6	2.805
247713.8	842156.2	138.0	26.572	11.063	22.6	28.783	5.4	22.905	3.078	0.583	10.7	3.133	0.4	2.636	-0.543	-11.6	2.692
247713.0	842155.6	138.0	26.398	11.034	22.7	28.611	5.5	22.768	3.050	0.575	10.7	3.104	0.4	2.548	-0.527	-11.7	2.601
247712.2	842155.0	138.0	26.225	11.004	22.8	28.440	5.5	22.632	3.022	0.567	10.6	3.075	0.4	2.458	-0.511	-11.7	2.510
247711.4	842154.5	138.0	26.052	10.974	22.8	28.269	5.6	22.496	2.995	0.559	10.6	3.047	0.5	2.366	-0.496	-11.8	2.418
247710.5	842153.9	138.0	25.935	10.962	22.9	28.156	5.7	22.406	2.969	0.550	10.5	3.020	0.5	2.341	-0.493	-11.9	2.393
247709.7	842153.3	138.1	25.928	10.985	23.0	28.159	5.7	22.408	2.946	0.542	10.4	2.995	0.5	2.448	-0.515	-11.9	2.502
247708.9	842152.7	138.1	25.944	11.014	23.0	28.185	5.8	22.429	2.923	0.534	10.4	2.971	0.5	2.579	-0.542	-11.9	2.635
247708.1	842152.2	138.2	25.799	10.993	23.1	28.044	5.9	22.316	2.897	0.526	10.3	2.945	0.5	2.516	-0.534	-12.0	2.572
247707.3	842151.6	138.1	25.523	10.930	23.2	27.765	6.0	22.095	2.870	0.517	10.2	2.916	0.5	2.295	-0.498	-12.3	2.348
247706.5	842151.0	138.2	25.628	10.989	23.2	27.884	6.0	22.190	2.849	0.509	10.1	2.894	0.6	2.528	-0.544	-12.1	2.585
247705.7	842150.4	138.3	25.731	11.048	23.2	28.002	6.0	22.283	2.828	0.501	10.0	2.872	0.6	2.755	-0.588	-12.1	2.817
247704.8	842149.8	138.4	25.758	11.083	23.3	28.041	6.0	22.314	2.806	0.493	10.0	2.848	0.7	2.890	-0.616	-12.0	2.955
247704.0	842149.3	138.4	25.583	11.052	23.4	27.868	6.1	22.177	2.780	0.484	9.9	2.822	0.7	2.789	-0.604	-12.2	2.854
247703.2	842148.7	138.4	25.372	11.009	23.5	27.657	6.2	22.009	2.754	0.474	9.8	2.794	0.7	2.646	-0.584	-12.5	2.710

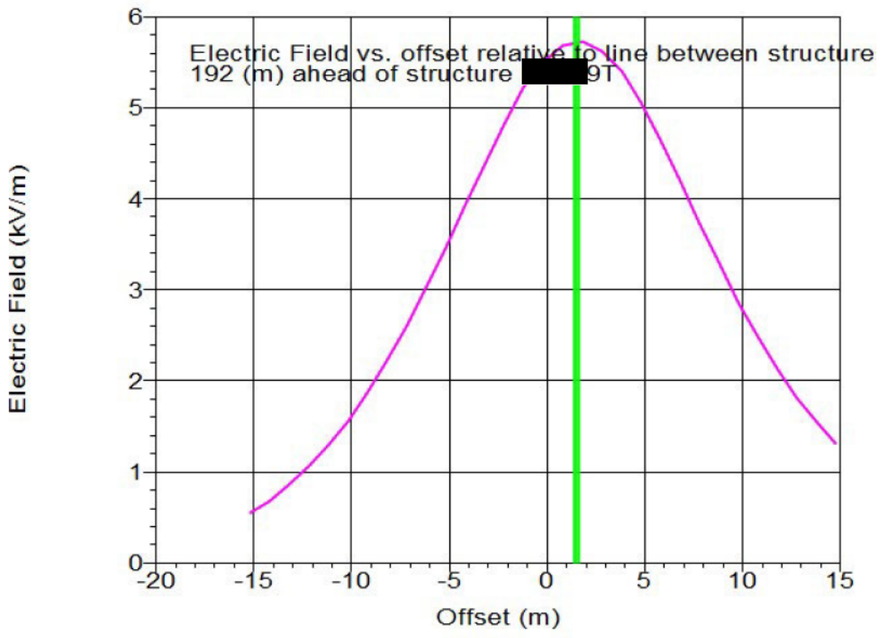
247702.4	842148.1	138.5	25.404	11.046	23.5	27.702	6.3	22.045	2.731	0.466	9.7	2.771	0.7	2.787	-0.614	-12.4	2.854
247701.6	842147.5	138.5	25.196	11.003	23.6	27.494	6.4	21.879	2.705	0.456	9.6	2.743	0.7	2.649	-0.596	-12.7	2.715
247700.8	842146.9	138.5	24.922	10.938	23.7	27.217	6.5	21.659	2.678	0.446	9.5	2.714	0.7	2.435	-0.567	-13.1	2.500
247699.9	842146.4	138.5	24.831	10.934	23.8	27.132	6.6	21.591	2.653	0.436	9.3	2.689	0.7	2.435	-0.574	-13.3	2.501
247699.1	842145.8	138.6	24.791	10.947	23.8	27.100	6.6	21.566	2.629	0.427	9.2	2.663	0.8	2.495	-0.590	-13.3	2.564
247698.3	842145.2	138.6	24.735	10.955	23.9	27.052	6.7	21.528	2.604	0.417	9.1	2.637	0.8	2.538	-0.604	-13.4	2.609
247697.5	842144.6	138.7	24.617	10.941	24.0	26.939	6.8	21.437	2.578	0.407	9.0	2.610	0.8	2.511	-0.607	-13.6	2.583
247696.7	842144.1	138.8	24.779	11.025	24.0	27.121	6.8	21.582	2.556	0.398	8.8	2.587	0.9	2.804	-0.658	-13.2	2.881
247695.9	842143.5	139.0	25.103	11.165	24.0	27.474	6.7	21.863	2.538	0.390	8.7	2.567	1.2	3.273	-0.735	-12.7	3.354
247695.1	842142.9	139.1	24.983	11.151	24.1	27.358	6.8	21.771	2.510	0.380	8.6	2.539	1.2	3.247	-0.735	-12.8	3.329
247694.2	842142.3	139.1	24.767	11.105	24.2	27.143	7.0	21.600	2.481	0.368	8.4	2.508	1.2	3.121	-0.721	-13.0	3.203
247693.4	842141.7	139.1	24.640	11.089	24.2	27.020	7.1	21.502	2.453	0.357	8.3	2.479	1.2	3.093	-0.721	-13.1	3.176
247692.6	842141.2	139.3	24.874	11.200	24.2	27.279	7.0	21.708	2.432	0.349	8.2	2.457	1.5	3.458	-0.775	-12.6	3.544
247691.8	842140.6	139.3	24.783	11.198	24.3	27.195	7.1	21.641	2.403	0.338	8.0	2.427	1.6	3.473	-0.779	-12.6	3.559
247691.0	842140.0	139.3	24.453	11.110	24.4	26.859	7.3	21.374	2.370	0.326	7.8	2.392	1.5	3.237	-0.749	-13.0	3.323
247690.2	842139.4	139.2	24.193	11.045	24.5	26.595	7.4	21.164	2.338	0.313	7.6	2.359	1.5	3.078	-0.730	-13.3	3.163
247689.3	842138.8	139.3	24.073	11.031	24.6	26.480	7.5	21.072	2.308	0.302	7.5	2.328	1.6	3.071	-0.730	-13.4	3.156
247688.5	842138.3	139.3	23.946	11.014	24.7	26.357	7.7	20.974	2.278	0.290	7.3	2.296	1.6	3.058	-0.729	-13.4	3.144
247687.7	842137.7	139.3	23.792	10.987	24.8	26.206	7.8	20.854	2.247	0.278	7.1	2.264	1.7	3.019	-0.724	-13.5	3.105
247686.9	842137.1	139.3	23.660	10.968	24.9	26.078	7.9	20.752	2.216	0.267	6.9	2.232	1.8	3.004	-0.721	-13.5	3.090
247686.1	842136.5	139.4	23.581	10.968	24.9	26.006	8.0	20.695	2.187	0.256	6.7	2.201	1.9	3.045	-0.723	-13.4	3.130
247685.3	842136.0	139.5	23.525	10.976	25.0	25.960	8.1	20.658	2.157	0.245	6.5	2.171	2.1	3.111	-0.727	-13.1	3.195
247684.4	842135.4	139.4	23.280	10.914	25.1	25.711	8.2	20.460	2.124	0.232	6.2	2.137	2.1	2.982	-0.709	-13.4	3.065
247683.6	842134.8	139.5	23.118	10.882	25.2	25.551	8.3	20.333	2.093	0.219	6.0	2.105	2.2	2.940	-0.700	-13.4	3.022
247682.8	842134.2	139.5	22.925	10.837	25.3	25.358	8.5	20.179	2.061	0.207	5.7	2.072	2.3	2.867	-0.687	-13.5	2.948
247682.0	842133.6	139.5	22.723	10.789	25.4	25.154	8.6	20.017	2.029	0.194	5.5	2.039	2.4	2.785	-0.674	-13.6	2.865
247681.2	842133.1	139.5	22.559	10.755	25.5	24.992	8.8	19.888	1.999	0.182	5.2	2.007	2.5	2.741	-0.663	-13.6	2.820
247680.4	842132.5	139.5	22.373	10.711	25.6	24.805	8.9	19.739	1.967	0.170	4.9	1.975	2.6	2.675	-0.649	-13.6	2.753
247679.6	842131.9	139.5	22.206	10.675	25.7	24.639	9.1	19.607	1.937	0.158	4.7	1.943	2.7	2.628	-0.636	-13.6	2.704
247678.7	842131.3	139.5	22.037	10.637	25.8	24.470	9.2	19.472	1.906	0.146	4.4	1.912	2.9	2.578	-0.623	-13.6	2.652
247677.9	842130.7	139.5	21.867	10.598	25.9	24.300	9.3	19.337	1.876	0.135	4.1	1.881	3.1	2.526	-0.608	-13.5	2.598
247677.1	842130.2	139.5	21.679	10.551	26.0	24.110	9.5	19.186	1.846	0.124	3.8	1.850	3.2	2.456	-0.592	-13.6	2.526
247676.3	842129.6	139.6	21.556	10.530	26.0	23.990	9.6	19.091	1.817	0.115	3.6	1.821	3.5	2.447	-0.578	-13.3	2.514
247675.5	842129.0	139.5	21.309	10.458	26.1	23.737	9.8	18.889	1.786	0.103	3.3	1.789	3.5	2.319	-0.558	-13.5	2.385
247674.7	842128.4	139.5	21.011	10.363	26.3	23.428	10.0	18.643	1.755	0.091	3.0	1.757	3.5	2.143	-0.538	-14.1	2.209
247673.8	842127.9	139.5	20.849	10.324	26.3	23.266	10.2	18.514	1.726	0.084	2.8	1.728	3.7	2.095	-0.521	-14.0	2.159
247673.0	842127.3	139.5	20.687	10.285	26.4	23.103	10.3	18.385	1.698	0.078	2.6	1.700	4.0	2.047	-0.503	-13.8	2.108
247672.2	842126.7	139.4	20.325	10.159	26.6	22.722	10.6	18.082	1.666	0.067	2.3	1.667	3.7	1.810	-0.484	-15.0	1.873
247671.4	842126.1	139.4	20.058	10.073	26.7	22.445	10.8	17.861	1.636	0.061	2.1	1.637	3.7	1.663	-0.468	-15.7	1.728
247670.6	842125.5	139.3	19.795	9.987	26.8	22.172	11.0	17.644	1.607	0.059	2.1	1.608	3.7	1.521	-0.452	-16.6	1.586
247669.8	842125.0	139.3	19.560	9.911	26.9	21.928	11.2	17.449	1.578	0.061	2.2	1.579	3.7	1.404	-0.438	-17.3	1.471
247669.0	842124.4	139.3	19.443	9.887	27.0	21.813	11.3	17.358	1.551	0.071	2.6	1.553	4.1	1.398	-0.422	-16.8	1.460
247668.1	842123.8	139.4	19.403	9.897	27.0	21.781	11.4	17.333	1.526	0.084	3.2	1.529	4.7	1.460	-0.402	-15.4	1.515
247667.3	842123.2	139.5	19.425	9.934	27.1	21.817	11.5	17.362	1.503	0.101	3.8	1.506	5.6	1.575	-0.378	-13.5	1.620
247666.5	842122.6	139.6	19.290	9.901	27.2	21.683	11.7	17.255	1.477	0.112	4.3	1.481	6.0	1.549	-0.360	-13.1	1.591
247665.7	842122.1	139.6	19.161	9.871	27.3	21.554	11.8	17.152	1.451	0.124	4.9	1.456	6.4	1.528	-0.342	-12.6	1.566
247664.9	842121.5	139.8	19.250	9.939	27.3	21.664	11.9	17.240	1.429	0.143	5.7	1.437	7.7	1.693	-0.310	-10.4	1.722
247664.1	842120.9	139.8	19.080	9.890	27.4	21.491	12.0	17.102	1.403	0.154	6.3	1.411	8.1	1.637	-0.295	-10.2	1.663
247663.2	842120.3	139.8	18.865	9.819	27.5	21.268	12.2	16.924	1.375	0.165	6.8	1.385	8.3	1.545	-0.285	-10.5	1.571
247662.4	842119.7	139.7	18.511	9.683	27.6	20.891	12.5	16.624	1.344	0.172	7.3	1.355	7.8	1.339	-0.293	-12.3	1.371
247661.6	842119.2	139.7	18.354	9.637	27.7	20.730	12.7	16.496	1.318	0.185	8.0	1.331	8.1	1.300	-0.285	-12.4	1.331
247660.8	842118.6	139.7	18.140	9.563	27.8	20.507	12.9	16.319	1.290	0.197	8.7	1.305	8.2	1.217	-0.287	-13.3	1.250
247660.0	842118.0	139.7	18.005	9.526	27.9	20.370	13.1	16.210	1.264	0.211	9.5	1.282	8.7	1.200	-0.283	-13.3	1.233
247659.2	842117.4	139.8	17.881	9.494	28.0	20.246	13.2	16.111	1.239	0.225	10.3	1.259	9.2	1.195	-0.281	-13.2	1.227
247658.3	842116.9	139.8	17.738	9.452	28.1	20.099	13.4	15.994	1.213	0.239	11.2	1.236	9.6	1.175	-0.284	-13.6	1.209
247657.5	842116.3	139.8	17.513	9.371	28.1	19.863	13.6	15.806	1.185	0.252	12.0	1.211	9.5	1.095	-0.304	-15.5	1.137
247656.7	842115.7	139.8	17.276	9.282	28.2	19.611	13.9	15.606	1.157	0.265	12.9	1.187	9.2	1.009	-0.332	-18.2	1.062
247655.9	842115.1	139.7	16.999	9.172	28.4	19.315	14.1	15.371	1.128	0.277	13.8	1.162	8.6	0.896	-0.374	-22.6	0.971
247655.1	842114.5	139.8	16.902	9.150	28.4	19.220	14.3	15.295	1.103	0.293	14.9	1.141	9.2	0.925	-0.388	-22.8	1.003
247654.3	842114.0	139.8	16.762	9.106	28.5	19.076	14.5	15.180	1.077	0.309	16.0	1.120	9.4	0.923	-0.415	-24.2	1.013
247653.5	842113.4	139.8	16.509	9.006	28.6	18.805	14.7	14.965	1.048	0.323	17.1	1.097	8.8	0.841	-0.472	-29.3	0.964
247652.6	842112.8	139.8	16.331	8.942	28.7	18.619	14.9	14.817	1.022	0.339	18.3	1.076	8.6	0.818	-0.519	-32.4	0.969
247651.8	842112.2	139.8	16.144	8.873	28.8	18.422	15.2	14.659	0.995	0.355	19.6	1.056	8.3	0.791	-0.575	-36.0	0.978
247651.0	842111.6	139.8	15.976	8.812	28.9	18.245	15.4	14.519	0.968	0.372	21.0	1.037	8.1	0.781	-0.633	-39.0	1.005
247650.2	842111.1	139.8	15.832	8.763	29.0	18.096	15.6	14.400	0.942	0.389	22.4	1.019	8.0	0.790	-0.690	-41.1	1.049
247649.4	842110.5	139.9	15.694	8.718	29.1	17.953	15.8	14.286	0.917	0.406	23.9	1.003	8.0	0.806	-0.751	-43.0	1.102
247648.6	842109.9	140.0	15.623	8.706	29.1	17.885	16.0	14.232	0.892	0.425	25.5	0.988	8.4	0.868	-0.797	-42.6	1.178
247647.7	842109.3	140.1	15.563	8.700	29.2	17.830	16.1	14.189	0.867	0.444	27.1	0.974	8.8	0.936	-0.843	-42.0	1.260
247646.9	842108.8	140.1	15.490	8.687	29.3	17.759	16.3	14.133	0.842	0.462	28.8	0.961	9.0	0.995	-0.896	-42.0	1.339
247646.1	842108.2	140.3	15.461	8.698	29.4	17.739	16.5	14.117	0.819	0.482	30.5	0.950	9.6	1.081	-0.935	-40.9	1.429
247645.3	842107.6	140.6	15.680	8.840	29.4	18.001	16.5	14.324	0.800	0.502	32.1	0.945	12.7	1.310	-0.887	-34.1	1.582
247644.5	842107.0	140.8	15.857	8.960	29.5	18.214	16.6	14.494	0.783	0.523	33.8	0.941	15.7	1.500	-0.850	-29.5	1.724
247643.7	842106.4	140.9	15.710	8.910	29.6	18.061	16.8	14.373	0.757	0.542	35.6	0.931	15.0	1.505	-0.929	-31.7	1.769
247642.9	842105.9	140.9	15.522	8.838	29.7	17.862	17.1	14.214	0.731	0.561	37.5	0.921	13.6	1.488	-1.027	-34.6	1.808
247642.0	842105.3	141.0	15.504	8.857	29.7	17.856	17.3	14.209	0.709	0.580	39.3	0.916	14.3	1.560	-1.058	-34.1	1.886
247641.2	842104.7	141.3	15.628	8.953	29.8	18.011	17.4	14.332	0.692	0.601	40.9	0.916	16.9	1.698	-1.028	-31.2	1.985
247640.4	842104.1	141.6	15.840	9.097	29.9	18.266	17.5	14.536	0.680	0.621	42.4	0.921	21.0	1.867	-0.953	-27.0	2.096
247639.6	842103.5	141.9	16.118	9.280	29.9	18.599	17.5	14.801	0.674	0.643	43.6	0.932	26.2	2.051	-0.841	-22.3	2.217
247638.8	842103.0	142.2	16.311	9.418	30.0	18.834	17.6	14.988	0.667	0.664	44.9	0.941	30.2	2.182	-0.758	-19.2	2.310
247638.0	842102.4	142.7	16.752	9.694	30.1	19.355	17.6	15.402	0.677	0.687	45.4	0.964	37.8	2.398	-0.558	-13.1	2.462
247637.1	842101.8	143.0	17.012	9.873	30.1	19.669	17.7	15.652	0.680	0.709	46.2	0.982	42.9	2.524	-0.427	-9.6	2.560
247636.3	842101.2	143.0	16.763	9.773	30.2	19.404	18.0	15.441	0.650	0.724	48.1	0.974	40.9	2.454	-0.514	-11.8	2.508
247635.5	842100.7	143.0	16.643	9.746	30.4	19.287	18.3	15.348	0.630	0.741	49.6	0.973	40.7	2.430	-0.541	-12.5	2.490
247634.7	842100.1	143.3	16.730	9.833	30.4	19.406	18.4	15.443	0.624	0.760	50.6	0.984	43.4	2.473	-0.465	-10.7	2.516
247633.9	842099.5	143.4	16.665	9.837	30.6	19.351	18.7	15.399	0.609	0.777	51.9	0.987	43.9	2.458	-0.456	-10.5	2.500
247633.1	842098.9	143.5	16.631	9.859	30.7	19.334	18.9	15.385	0.597	0.794	53.1	0.993	44.7	2.449	-0.426	-9.9	2.486
247632.2	842098.3	143.6	16.517	9.837	30.8	19.225	19.2	15.299	0.579	0.810	54.4	0.995	44.4	2.412	-0.432	-10.1	2.450

247631.4	842097.8	143.6	16.372	9.797	30.9	19.080	19.5	15.183	0.559	0.824	55.9	0.996	43.5	2.363	-0.451	-10.8	2.405
247630.6	842097.2	143.6	16.202	9.743	31.0	18.905	19.8	15.044	0.537	0.839	57.4	0.996	42.1	2.304	-0.482	-11.8	2.354
247629.8	842096.6	143.7	16.043	9.695	31.1	18.745	20.1	14.917	0.517	0.853	58.8	0.997	40.9	2.247	-0.507	-12.7	2.304
247629.0	842096.0	143.8	16.048	9.742	31.3	18.774	20.3	14.940	0.510	0.869	59.6	1.007	42.0	2.229	-0.435	-11.0	2.271
247628.2	842095.4	143.9	15.955	9.733	31.4	18.689	20.6	14.873	0.494	0.883	60.8	1.012	41.5	2.182	-0.419	-10.9	2.222
247627.4	842094.9	144.0	15.894	9.742	31.5	18.642	20.8	14.835	0.482	0.897	61.8	1.019	41.4	2.139	-0.382	-10.1	2.173
247626.5	842094.3	144.0	15.831	9.749	31.6	18.592	21.1	14.795	0.469	0.912	62.8	1.025	41.1	2.091	-0.348	-9.4	2.120
247625.7	842093.7	144.1	15.746	9.743	31.7	18.517	21.3	14.735	0.454	0.926	63.9	1.031	40.3	2.035	-0.328	-9.2	2.062
247624.9	842093.1	144.1	15.710	9.766	31.9	18.498	21.5	14.720	0.444	0.941	64.7	1.040	40.0	1.986	-0.281	-8.1	2.006
247624.1	842092.6	144.2	15.666	9.782	32.0	18.470	21.7	14.698	0.432	0.955	65.7	1.048	39.5	1.931	-0.243	-7.2	1.946
247623.3	842092.0	144.2	15.632	9.803	32.1	18.452	21.9	14.684	0.420	0.971	66.6	1.058	38.8	1.875	-0.204	-6.2	1.886
247622.5	842091.4	144.3	15.619	9.836	32.2	18.458	22.1	14.688	0.410	0.987	67.4	1.068	38.2	1.818	-0.157	-4.9	1.825
247621.6	842090.8	144.3	15.638	9.887	32.3	18.501	22.2	14.723	0.402	1.003	68.2	1.081	37.8	1.763	-0.096	-3.1	1.765

Max EF along centerline is 5.556 (kV/m) at 192.000 (m) from structure [redacted]-9T

Cross section results at max EF along centerline between structures [redacted]-9T and [redacted]/[redacted]-10





3D EMF Point Results Span from [redacted]-9T to [redacted]-10:

Measurement			B					H	EF					Space Potential			
X (m)	Y (m)	Z (m)	Real (uT)	Imaginary (uT)	Angle (deg)	Magnitude (uT)	Polarization Axial Ratio %	Magnitude (A/m)	Real (kV/m)	Imaginary (kV/m)	Angle (deg)	Magnitude (kV/m)	Polarization Axial Ratio %	Real (kV)	Imaginary (kV)	Angle (deg)	Magnitude (kV)
247810.7	842206.3	137.4	14.203	6.637	25.0	15.677	14.1	12.476	0.466	0.276	30.7	0.541	3.5	0.332	-0.233	-35.1	0.405
247810.1	842207.1	137.4	15.295	7.001	24.6	16.821	14.0	13.386	0.606	0.330	28.5	0.690	3.2	0.466	-0.286	-31.6	0.547
247809.5	842207.9	137.5	16.529	7.401	24.1	18.111	14.0	14.412	0.772	0.387	26.6	0.864	3.2	0.663	-0.362	-28.7	0.755
247809.0	842208.7	137.5	17.800	7.782	23.6	19.427	13.8	15.460	0.966	0.447	24.8	1.064	3.0	0.840	-0.415	-26.3	0.937
247808.4	842209.6	137.4	19.111	8.146	23.1	20.775	13.5	16.532	1.192	0.509	23.1	1.296	2.7	0.983	-0.443	-24.3	1.078
247807.8	842210.4	137.6	20.815	8.632	22.5	22.534	13.2	17.932	1.457	0.574	21.5	1.566	3.0	1.420	-0.580	-22.2	1.534
247807.2	842211.2	137.6	22.434	9.041	22.0	24.188	12.8	19.248	1.759	0.638	19.9	1.872	2.9	1.712	-0.639	-20.5	1.827
247806.6	842212.0	137.6	24.164	9.454	21.4	25.948	12.2	20.649	2.103	0.702	18.4	2.217	2.7	2.040	-0.695	-18.8	2.155
247806.1	842212.8	137.5	25.946	9.848	20.8	27.752	11.5	22.084	2.487	0.762	17.0	2.601	2.5	2.351	-0.731	-17.3	2.462
247805.5	842213.6	137.5	27.674	10.199	20.2	29.494	10.6	23.471	2.907	0.817	15.7	3.019	2.2	2.547	-0.724	-15.9	2.648
247804.9	842214.4	137.4	29.414	10.535	19.7	31.244	9.6	24.863	3.356	0.867	14.5	3.466	1.9	2.717	-0.707	-14.6	2.808
247804.3	842215.3	137.2	30.873	10.789	19.3	32.704	8.5	26.025	3.816	0.910	13.4	3.923	1.5	2.578	-0.615	-13.4	2.650
247803.8	842216.1	137.2	32.506	11.090	18.8	34.345	7.4	27.331	4.277	0.946	12.5	4.381	1.2	2.683	-0.590	-12.4	2.747
247803.2	842216.9	137.4	34.918	11.575	18.3	36.786	6.2	29.274	4.726	0.976	11.7	4.826	1.4	3.771	-0.774	-11.6	3.849
247802.6	842217.7	137.5	37.183	12.024	17.9	39.078	5.0	31.098	5.122	0.998	11.0	5.218	1.4	4.850	-0.940	-11.0	4.941
247802.0	842218.5	137.6	38.688	12.328	17.7	40.605	3.6	32.313	5.417	1.014	10.6	5.511	1.3	5.355	-0.996	-10.5	5.447
247801.4	842219.3	137.6	39.819	12.592	17.5	41.762	2.3	33.233	5.593	1.024	10.4	5.686	1.2	5.760	-1.048	-10.3	5.854
247800.9	842220.2	137.7	40.498	12.810	17.6	42.476	1.2	33.801	5.632	1.031	10.4	5.726	1.3	6.031	-1.095	-10.3	6.129
247800.3	842221.0	137.7	40.688	12.979	17.7	42.707	1.5	33.986	5.530	1.034	10.6	5.625	1.4	6.146	-1.138	-10.5	6.251
247799.7	842221.8	137.7	40.391	13.098	18.0	42.461	2.7	33.789	5.297	1.032	11.0	5.397	1.7	6.102	-1.176	-10.9	6.214
247799.1	842222.6	137.8	39.612	13.157	18.4	41.740	4.1	33.216	4.958	1.024	11.7	5.062	2.0	5.870	-1.197	-11.5	5.991
247798.5	842223.4	137.8	38.364	13.142	18.9	40.553	5.4	32.271	4.541	1.008	12.5	4.652	2.3	5.413	-1.183	-12.3	5.540
247798.0	842224.2	137.7	36.553	13.002	19.6	38.797	6.5	30.874	4.077	0.983	13.6	4.194	2.4	4.572	-1.080	-13.3	4.698
247797.4	842225.0	137.6	34.627	12.818	20.3	36.923	7.5	29.383	3.605	0.949	14.7	3.728	2.5	3.732	-0.956	-14.4	3.853
247796.8	842225.9	137.6	32.981	12.691	21.0	35.339	8.4	28.122	3.153	0.908	16.1	3.281	2.7	3.256	-0.910	-15.6	3.381
247796.2	842226.7	137.6	31.294	12.527	21.8	33.708	9.2	26.824	2.727	0.859	17.5	2.859	2.8	2.766	-0.843	-17.0	2.892
247795.7	842227.5	137.6	29.656	12.345	22.6	32.123	9.9	25.563	2.338	0.804	19.0	2.472	2.9	2.324	-0.771	-18.4	2.448
247795.1	842228.3	137.6	28.098	12.152	23.4	30.613	10.4	24.361	1.989	0.745	20.5	2.124	2.9	1.932	-0.697	-19.8	2.053
247794.5	842229.1	137.5	26.432	11.865	24.2	28.973	10.6	23.056	1.680	0.682	22.1	1.813	2.5	1.373	-0.532	-21.2	1.472
247793.9	842229.9	137.5	25.135	11.684	24.9	27.718	10.9	22.057	1.413	0.620	23.7	1.543	2.4	1.135	-0.474	-22.6	1.230
247793.3	842230.8	137.5	23.963	11.518	25.7	26.587	11.1	21.158	1.183	0.557	25.2	1.308	2.4	0.951	-0.426	-24.1	1.042

PLS-CADD Version 20.00x64 14:25:08 10 October 2024
M Group Services Limited - UK
Project Name: 'D:\SSE ASTI PLS CADD Models\LT459 Fanellan Temp 08102024\FNLN4-LT459-MES-OHLTA-ZZ-M-EO-7601-P04.1.don'
Line Title: 'Temp Diversion - PLS TOWERS updated'

3D EMF Calculation Notes:
  1) Calculations based on the EPRI Red Book methods (3rd Edition, 2005 - 7.4 Calculation of Magnetic Fields and Appendices 7.1 Calculation of Field Ellipse Parameters and 7.6 Electric Field Calculations for 3D Geometry).
  2) All wire positions are modeled at the specified weather case and wind direction. Height above ground determined by the modeled ground TIN.
  3) Only the effects of wires are being analyzed. The effects of structures are not included unless enabled as noted below.
  4) Ground return is being ignored for magnetic field calculations.

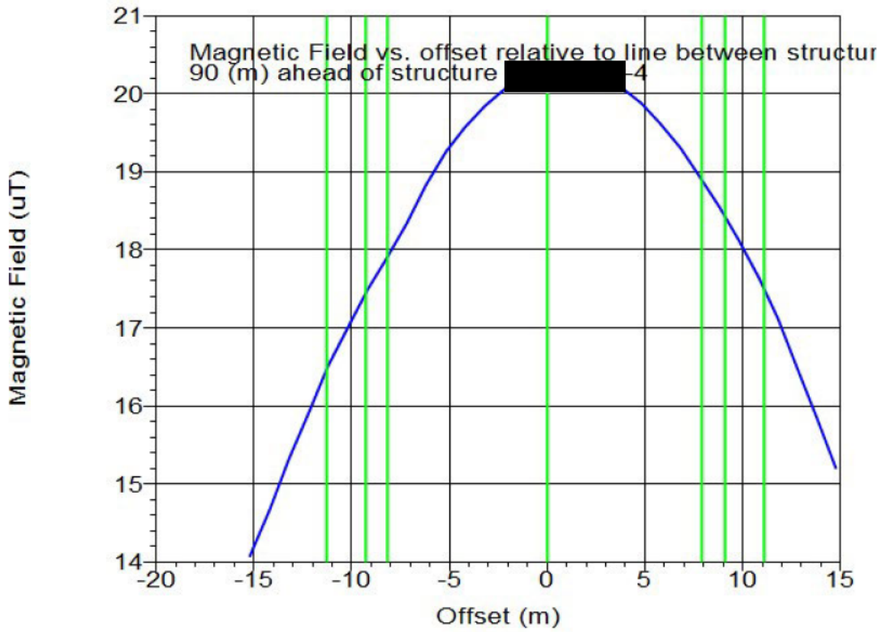
Meter height above ground: 1.00 (m)
Maximum wire distance: 150.00 (m)
Maximum cable segment size: 3.00 (m)
Cross section offset +/-: 15.20 (m)
Result interval: 1.00 (m)
Electric field limit: 9.00 (kV/m)
Magnetic field limit: 360.00 (uT)
Space potential limit: 0.00 (kV)
Contour Map Spacing: 3 (m)
Analyzing spans between these structures: [redacted]/[redacted]-4 - [redacted]/[redacted]-11, [redacted]-6T - [redacted]-9T

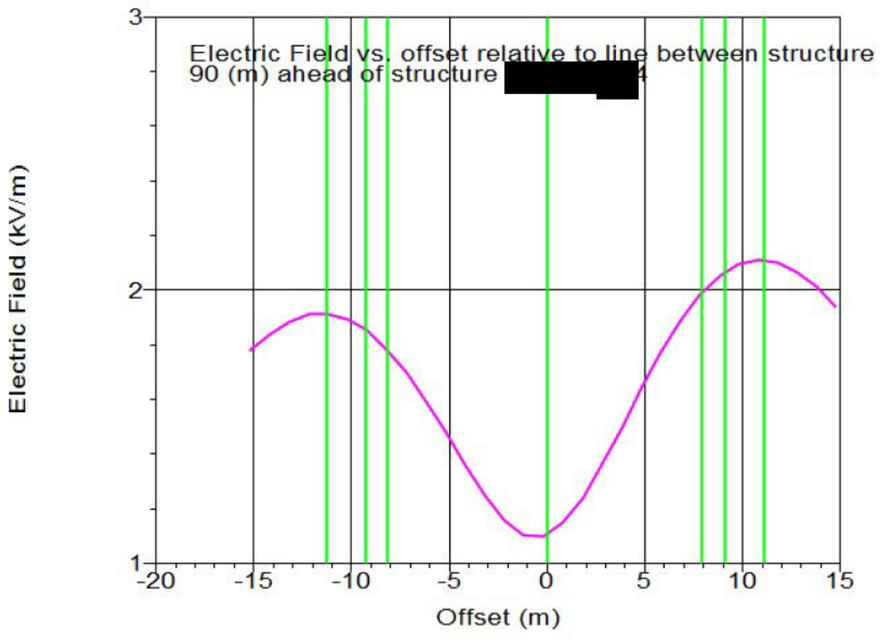
One or more sections have wind from both directions which is not supported. A wind direction of left is being used for those sections.

Section Data for 3D EMF Results:

Section Number	Section Note	Voltage Ph-Ph (kV)	Current (Amps)	Cable Filename	Cable Description	Conductors Per Phase	Bundle Diameter (cm)	Cable Radius (cm)	Weather Case	Condition	Wind Dir.	WC Temperature (deg C)	Effective Radius (cm)
1		0.0	0.0	AACSR OPGW	OPGW Data Sheet	1	0.000	1.190	10°C	Creep FE	Left	10.000	1.190
2		0.0	0.0	AACSR OPGW	OPGW Data Sheet	1	0.000	1.190	10°C	Creep FE	Left	10.000	1.190
3		0.0	0.0	AACSR OPGW	OPGW Data Sheet	1	0.000	1.190	10°C	Creep FE	Left	10.000	1.190
5		400.0	3400.0	Lamifil_700mm_aaac_araucaria_HC_RTS	HC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
6		400.0	3400.0	Lamifil_700mm_aaac_araucaria_HC_RTS	HC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
7		400.0	3400.0	Lamifil_700mm_aaac_araucaria_HC_RTS	HC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
9		400.0	3400.0	Lamifil_700mm_aaac_araucaria_HC_RTS	HC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
10		400.0	3400.0	Lamifil_700mm_aaac_araucaria_HC_RTS	HC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
11		400.0	3400.0	Lamifil_700mm_aaac_araucaria_HC_RTS	HC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
13		400.0	3400.0	Lamifil_700mm_aaac_araucaria_HC_RTS	HC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
14		400.0	3400.0	Lamifil_700mm_aaac_araucaria_HC_RTS	HC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
15		400.0	3400.0	Lamifil_700mm_aaac_araucaria_HC_RTS	HC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
17		400.0	3400.0	Lamifil_700mm_aaac_araucaria_HC_RTS	HC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
18		400.0	3400.0	Lamifil_700mm_aaac_araucaria_HC_RTS	HC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
19		400.0	3400.0	Lamifil_700mm_aaac_araucaria_HC_RTS	HC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
21		400.0	3400.0	Lamifil_700mm_aaac_araucaria_HC_RTS	HC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
22		400.0	3400.0	Lamifil_700mm_aaac_araucaria_HC_RTS	HC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
23		400.0	3400.0	Lamifil_700mm_aaac_araucaria_HC_RTS	HC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
25		400.0	3400.0	Lamifil_700mm_aaac_araucaria_HC_RTS	HC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
26		400.0	3400.0	Lamifil_700mm_aaac_araucaria_HC_RTS	HC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651
27		400.0	3400.0	Lamifil_700mm_aaac_araucaria_HC_RTS	HC - 700mm² AAAC - Araucaria - RTS	2	50.000	1.863	90°C	Creep FE	Left	90.000	9.651

Wire low point cross section results between structures [redacted]/[redacted]-4 and [redacted]/[redacted]-5



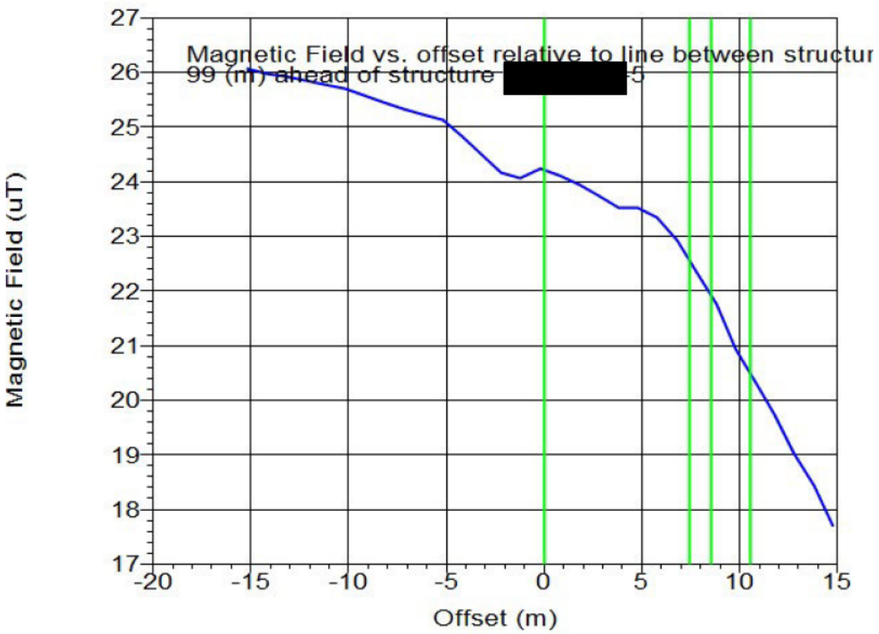


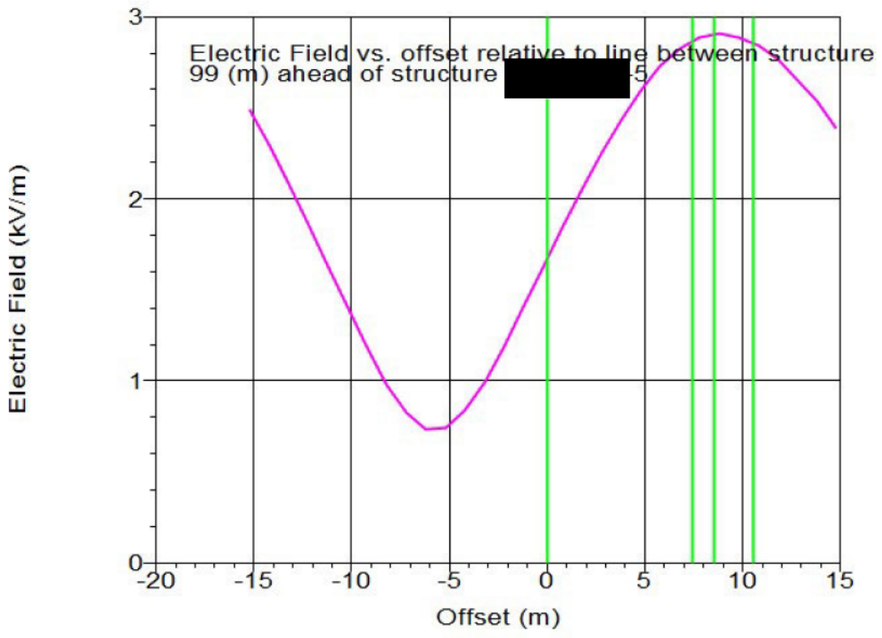
3D EMF Point Results Span from [redacted]-4 to [redacted]-5:

Measurement			B					H	EF					Space Potential			
X (m)	Y (m)	Z (m)	Real (uT)	Imaginary (uT)	Angle (deg)	Magnitude (uT)	Polarization Axial Ratio %	Magnitude (A/m)	Real (kV/m)	Imaginary (kV/m)	Angle (deg)	Magnitude (kV/m)	Polarization Axial Ratio %	Real (kV)	Imaginary (kV)	Angle (deg)	Magnitude (kV)
249386.0	843889.5	39.1	12.212	6.966	29.7	14.059	30.8	11.188	1.740	0.375	12.2	1.780	2.1	1.548	-0.476	-17.1	1.620
249385.3	843890.2	39.2	12.775	7.235	29.5	14.681	30.0	11.683	1.808	0.338	10.6	1.840	2.2	1.658	-0.459	-15.5	1.720
249384.5	843890.9	39.2	13.343	7.513	29.4	15.313	29.2	12.186	1.861	0.295	9.0	1.884	2.3	1.780	-0.438	-13.8	1.833
249383.8	843891.6	39.2	13.896	7.792	29.3	15.931	28.4	12.678	1.894	0.244	7.3	1.910	2.5	1.887	-0.407	-12.2	1.930
249383.1	843892.3	39.2	14.407	8.063	29.2	16.509	27.6	13.138	1.905	0.187	5.6	1.914	2.7	1.949	-0.364	-10.6	1.982
249382.4	843893.0	39.2	14.856	8.318	29.2	17.026	26.8	13.549	1.890	0.125	3.8	1.894	3.0	1.948	-0.309	-9.0	1.972
249381.7	843893.7	39.2	15.242	8.558	29.3	17.481	26.1	13.911	1.849	0.071	2.2	1.851	3.3	1.895	-0.248	-7.5	1.911
249380.9	843894.4	39.2	15.583	8.793	29.4	17.893	25.4	14.239	1.782	0.083	2.7	1.784	3.8	1.821	-0.184	-5.8	1.830
249380.2	843895.1	39.2	15.941	9.051	29.6	18.332	24.8	14.588	1.689	0.160	5.4	1.697	4.8	1.795	-0.111	-3.5	1.798

249379.5	843895.8	39.3	16.346	9.351	29.8	18.831	24.2	14.985	1.573	0.257	9.3	1.594	6.5	1.831	-0.015	-0.5	1.831
249378.8	843896.4	39.4	16.677	9.633	30.0	19.260	23.7	15.326	1.434	0.362	14.2	1.479	8.8	1.801	0.098	3.1	1.804
249378.1	843897.1	39.4	16.902	9.881	30.3	19.578	23.2	15.580	1.275	0.474	20.4	1.360	11.7	1.690	0.215	7.2	1.704
249377.4	843897.8	39.4	17.073	10.118	30.7	19.846	22.9	15.793	1.098	0.592	28.3	1.248	15.4	1.550	0.343	12.5	1.588
249376.6	843898.5	39.4	17.193	10.343	31.0	20.064	22.6	15.966	0.911	0.715	38.1	1.158	19.6	1.385	0.482	19.2	1.466
249375.9	843899.2	39.5	17.242	10.541	31.4	20.209	22.5	16.082	0.715	0.841	49.6	1.104	23.0	1.190	0.621	27.6	1.342
249375.2	843899.9	39.5	17.240	10.721	31.9	20.302	22.4	16.156	0.521	0.968	61.7	1.100	24.1	0.982	0.766	38.0	1.245
249374.5	843900.6	39.5	17.190	10.878	32.3	20.343	22.5	16.188	0.343	1.094	72.6	1.147	22.3	0.763	0.914	50.1	1.191
249373.8	843901.3	39.5	17.088	11.008	32.8	20.326	22.6	16.175	0.231	1.217	79.3	1.239	18.9	0.540	1.061	63.0	1.190
249373.1	843902.0	39.5	16.908	11.086	33.3	20.218	22.9	16.089	0.270	1.333	78.6	1.360	14.9	0.318	1.180	74.9	1.222
249372.3	843902.7	39.5	16.701	11.144	33.7	20.078	23.2	15.978	0.412	1.439	74.0	1.497	11.8	0.104	1.306	85.5	1.310
249371.6	843903.4	39.5	16.450	11.164	34.2	19.881	23.7	15.821	0.573	1.533	69.5	1.637	9.3	-0.102	1.422	-85.9	1.425
249370.9	843904.1	39.5	16.155	11.143	34.6	19.626	24.2	15.618	0.729	1.612	65.7	1.769	7.5	-0.294	1.523	-79.1	1.551
249370.2	843904.8	39.5	15.819	11.079	35.0	19.313	24.8	15.369	0.872	1.671	62.5	1.885	6.1	-0.470	1.608	-73.7	1.675
249369.5	843905.5	39.5	15.442	10.971	35.4	18.943	25.5	15.074	0.997	1.711	59.8	1.980	5.2	-0.629	1.673	-69.4	1.787
249368.7	843906.2	39.6	15.054	10.837	35.7	18.549	26.2	14.761	1.103	1.729	57.5	2.051	4.5	-0.786	1.746	-65.8	1.915
249368.0	843906.9	39.6	14.648	10.672	36.1	18.123	27.0	14.422	1.189	1.726	55.4	2.095	4.1	-0.939	1.818	-62.7	2.046
249367.3	843907.6	39.6	14.209	10.464	36.4	17.647	27.9	14.043	1.253	1.700	53.6	2.112	3.9	-1.074	1.865	-60.1	2.153
249366.6	843908.3	39.7	13.739	10.211	36.6	17.118	28.7	13.622	1.297	1.655	51.9	2.102	3.7	-1.185	1.880	-57.8	2.223
249365.9	843909.0	39.7	13.205	9.883	36.8	16.494	29.6	13.126	1.320	1.590	50.3	2.067	3.6	-1.226	1.813	-55.9	2.189
249365.2	843909.7	39.7	12.662	9.528	37.0	15.846	30.6	12.610	1.326	1.511	48.7	2.010	3.5	-1.247	1.728	-54.2	2.131
249364.4	843910.4	39.7	12.128	9.163	37.1	15.200	31.5	12.096	1.316	1.419	47.2	1.935	3.5	-1.266	1.649	-52.5	2.079

Wire low point cross section results between structures [redacted]/[redacted]-5 and [redacted]/[redacted]-6

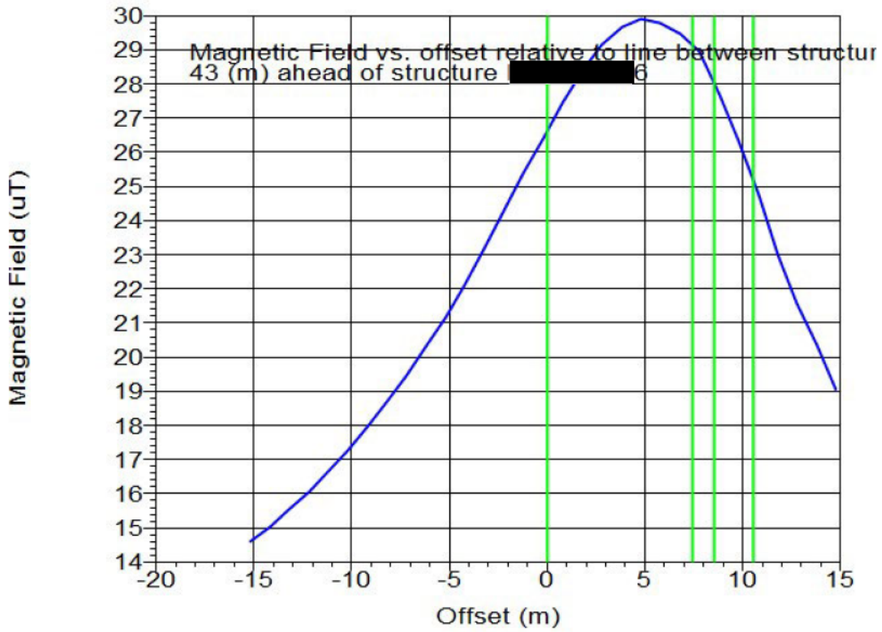


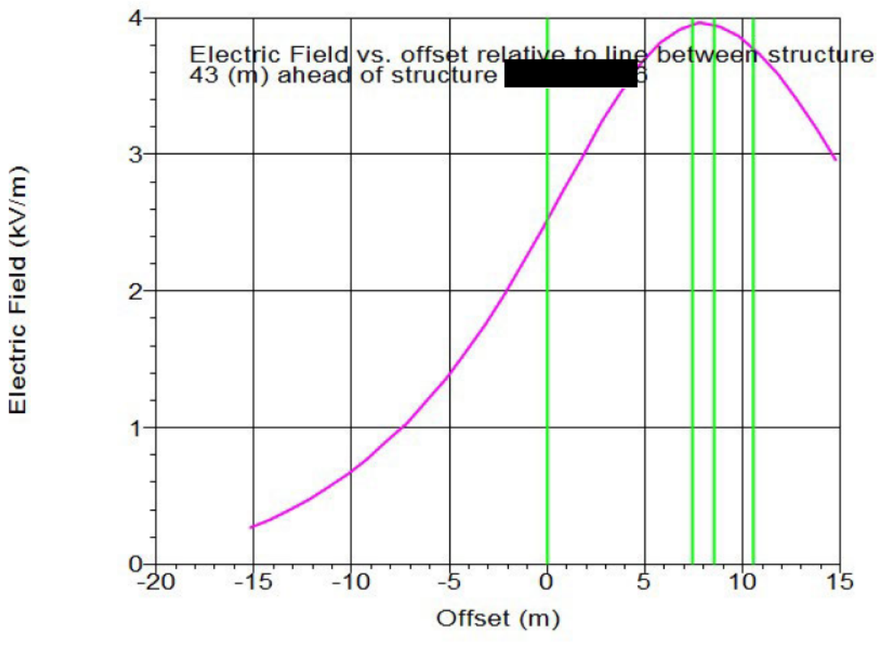


3D EMF Point Results Span from [redacted]-5 to [redacted]-6:

Measurement			B					H	EF					Space Potential			
X (m)	Y (m)	Z (m)	Real (uT)	Imaginary (uT)	Angle (deg)	Magnitude (uT)	Polarization Axial Ratio %	Magnitude (A/m)	Real (kV/m)	Imaginary (kV/m)	Angle (deg)	Magnitude (kV/m)	Polarization Axial Ratio %	Real (kV)	Imaginary (kV)	Angle (deg)	Magnitude (kV)
249056.8	843549.9	86.7	23.635	10.986	24.9	26.063	8.5	20.740	2.467	0.347	8.0	2.491	3.4	2.101	0.433	11.7	2.145
249056.1	843550.6	86.6	23.472	11.128	25.4	25.976	7.9	20.671	2.275	0.284	7.1	2.293	3.9	1.622	0.575	19.5	1.720
249055.4	843551.3	86.5	23.330	11.293	25.8	25.919	7.5	20.626	2.067	0.220	6.1	2.079	4.8	1.226	0.707	30.0	1.415
249054.6	843552.0	86.4	23.161	11.458	26.3	25.841	7.1	20.563	1.847	0.162	5.0	1.854	6.1	0.853	0.837	44.4	1.195
249053.9	843552.7	86.3	23.007	11.640	26.8	25.784	6.8	20.518	1.620	0.134	4.7	1.625	8.0	0.531	0.965	61.2	1.102
249053.2	843553.4	86.3	22.828	11.821	27.4	25.707	6.5	20.457	1.388	0.163	6.7	1.398	10.8	0.219	1.094	78.7	1.116
249052.5	843554.1	86.1	22.597	11.982	27.9	25.577	6.4	20.354	1.155	0.236	11.5	1.179	14.8	-0.101	1.219	-85.2	1.224
249051.8	843554.8	86.0	22.368	12.146	28.5	25.453	6.4	20.255	0.924	0.333	19.8	0.982	20.6	-0.389	1.338	-73.8	1.394
249051.0	843555.5	85.9	22.144	12.313	29.1	25.337	6.5	20.162	0.697	0.443	32.4	0.826	28.0	-0.645	1.450	-66.0	1.587
249050.3	843556.2	85.8	21.925	12.481	29.7	25.228	6.6	20.076	0.478	0.563	49.7	0.739	32.8	-0.870	1.552	-60.7	1.779
249049.6	843556.8	85.7	21.711	12.648	30.2	25.126	6.9	19.995	0.276	0.692	68.2	0.745	28.1	-1.064	1.643	-57.1	1.957
249048.9	843557.5	85.5	21.338	12.709	30.8	24.836	7.3	19.764	0.135	0.826	80.7	0.837	16.2	-1.229	1.644	-53.2	2.053
249048.2	843558.2	85.2	20.920	12.725	31.3	24.486	7.8	19.486	0.233	0.966	76.4	0.994	7.4	-1.316	1.576	-50.1	2.054
249047.5	843558.9	85.0	20.536	12.744	31.8	24.168	8.4	19.233	0.423	1.111	69.1	1.189	3.0	-1.333	1.476	-47.9	1.989
249046.7	843559.6	84.9	20.326	12.867	32.3	24.056	9.0	19.143	0.619	1.260	63.8	1.404	1.4	-1.348	1.459	-47.3	1.986
249046.0	843560.3	85.0	20.362	13.162	32.9	24.246	9.5	19.294	0.811	1.410	60.1	1.627	1.3	-1.464	1.636	-48.2	2.196
249045.3	843561.0	84.9	20.136	13.259	33.4	24.110	10.2	19.186	0.993	1.557	57.5	1.846	0.8	-1.469	1.614	-47.7	2.182
249044.6	843561.7	84.8	19.885	13.325	33.8	23.937	11.0	19.048	1.165	1.697	55.5	2.058	0.5	-1.453	1.570	-47.2	2.139
249043.9	843562.4	84.8	19.624	13.369	34.3	23.745	11.8	18.895	1.325	1.827	54.1	2.257	0.5	-1.430	1.524	-46.8	2.090
249043.1	843563.1	84.7	19.340	13.381	34.7	23.518	12.7	18.715	1.470	1.944	52.9	2.437	0.5	-1.402	1.473	-46.4	2.034
249042.4	843563.8	84.8	19.243	13.538	35.1	23.528	13.6	18.723	1.602	2.045	51.9	2.598	0.8	-1.571	1.672	-46.8	2.294
249041.7	843564.5	84.8	18.996	13.557	35.5	23.338	14.6	18.572	1.714	2.123	51.1	2.728	0.9	-1.649	1.744	-46.6	2.400
249041.0	843565.2	84.7	18.584	13.418	35.8	22.922	15.7	18.241	1.804	2.172	50.3	2.824	1.0	-1.599	1.654	-46.0	2.300
249040.3	843565.9	84.6	18.067	13.165	36.1	22.355	16.8	17.789	1.872	2.192	49.5	2.883	1.0	-1.464	1.463	-45.0	2.070
249039.6	843566.6	84.6	17.527	12.873	36.3	21.747	17.9	17.306	1.917	2.183	48.7	2.905	1.0	-1.331	1.280	-43.9	1.847
249038.8	843567.3	84.4	16.855	12.437	36.4	20.947	19.1	16.669	1.938	2.143	47.9	2.889	0.9	-1.058	0.945	-41.8	1.419
249038.1	843568.0	84.4	16.322	12.112	36.6	20.325	20.3	16.174	1.939	2.078	47.0	2.842	1.0	-0.995	0.846	-40.4	1.306
249037.4	843568.7	84.4	15.805	11.785	36.7	19.715	21.4	15.689	1.919	1.989	46.0	2.764	1.2	-0.990	0.808	-39.2	1.278
249036.7	843569.4	84.4	15.249	11.404	36.8	19.042	22.6	15.153	1.881	1.879	45.0	2.659	1.3	-0.961	0.742	-37.7	1.214
249036.0	843570.1	84.5	14.755	11.068	36.9	18.445	23.7	14.678	1.828	1.754	43.8	2.533	1.5	-1.051	0.787	-36.8	1.313
249035.2	843570.8	84.5	14.150	10.610	36.9	17.686	24.8	14.074	1.760	1.616	42.6	2.389	1.6	-0.987	0.682	-34.7	1.200

Wire low point cross section results between structures [redacted]-6 and [redacted]-7



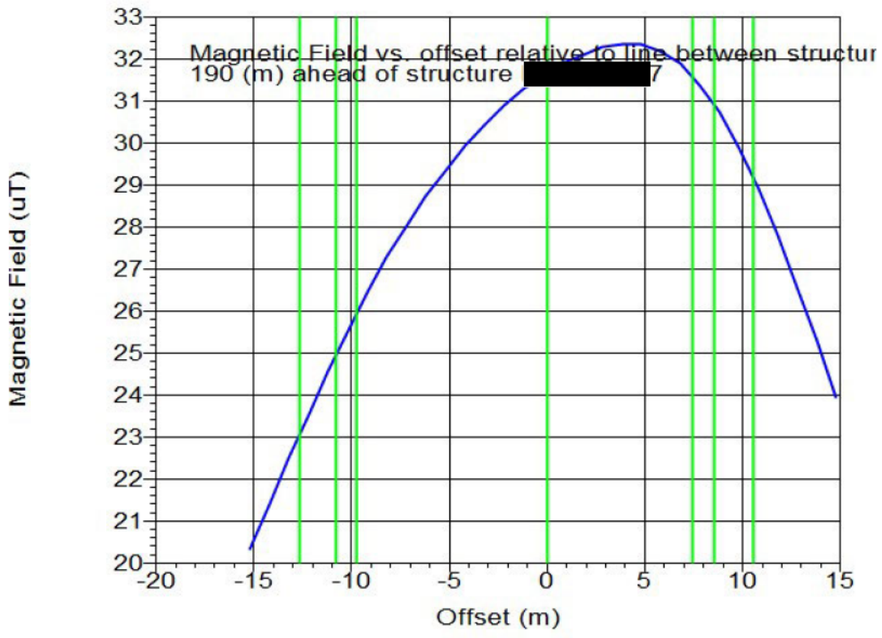


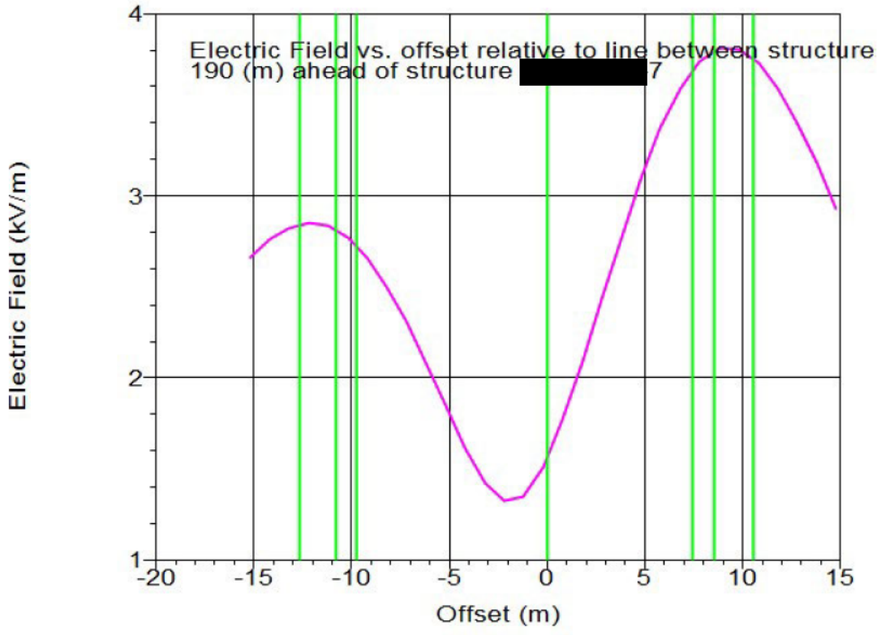
3D EMF Point Results Span from [redacted]-6 to [redacted]-7:

Measurement			B					H	EF					Space Potential			
X (m)	Y (m)	Z (m)	Real (uT)	Imaginary (uT)	Angle (deg)	Magnitude (uT)	Polarization Axial Ratio %	Magnitude (A/m)	Real (kV/m)	Imaginary (kV/m)	Angle (deg)	Magnitude (kV/m)	Polarization Axial Ratio %	Real (kV)	Imaginary (kV)	Angle (deg)	Magnitude (kV)
248819.2	843304.8	119.0	12.299	7.870	32.6	14.601	4.0	11.619	0.152	0.220	55.4	0.268	27.6	-0.467	0.037	-4.5	0.468
248818.5	843305.5	118.9	12.625	8.140	32.8	15.022	3.6	11.954	0.193	0.267	54.2	0.329	23.0	-0.586	0.094	-9.1	0.594
248817.8	843306.2	118.9	13.021	8.471	33.0	15.534	3.4	12.361	0.241	0.319	53.0	0.399	19.8	-0.738	0.191	-14.5	0.762
248817.1	843306.9	118.8	13.420	8.810	33.3	16.054	3.0	12.775	0.293	0.377	52.1	0.478	17.2	-0.899	0.283	-17.5	0.942
248816.4	843307.6	118.8	13.874	9.200	33.5	16.647	2.8	13.247	0.353	0.442	51.4	0.565	15.0	-1.092	0.411	-20.6	1.167
248815.7	843308.3	118.7	14.352	9.618	33.8	17.277	2.4	13.749	0.418	0.515	50.9	0.664	13.2	-1.305	0.551	-22.9	1.416
248814.9	843309.0	118.7	14.855	10.068	34.1	17.945	2.1	14.280	0.491	0.598	50.6	0.774	11.5	-1.536	0.706	-24.7	1.690
248814.2	843309.7	118.7	15.399	10.564	34.4	18.674	1.8	14.860	0.573	0.690	50.3	0.897	10.1	-1.797	0.893	-26.4	2.007
248813.5	843310.4	118.6	15.978	11.103	34.8	19.457	1.4	15.483	0.663	0.794	50.2	1.034	8.9	-2.086	1.108	-28.0	2.362

248812.8	843311.1	118.6	16.587	11.685	35.2	20.290	1.0	16.146	0.762	0.911	50.1	1.188	7.7	-2.401	1.352	-29.4	2.755
248812.1	843311.8	118.6	17.227	12.311	35.6	21.174	0.6	16.849	0.871	1.041	50.1	1.357	6.7	-2.743	1.626	-30.7	3.189
248811.4	843312.5	118.6	17.911	12.997	36.0	22.129	0.3	17.610	0.991	1.185	50.1	1.545	5.9	-3.126	1.951	-32.0	3.685
248810.6	843313.2	118.6	18.693	13.791	36.4	23.230	0.5	18.486	1.122	1.345	50.2	1.751	5.1	-3.600	2.390	-33.6	4.321
248809.9	843313.9	118.6	19.449	14.590	36.9	24.314	1.1	19.348	1.262	1.520	50.3	1.975	4.4	-4.063	2.817	-34.7	4.944
248809.2	843314.6	118.6	20.171	15.384	37.3	25.368	1.8	20.187	1.409	1.707	50.5	2.214	3.9	-4.507	3.225	-35.6	5.542
248808.5	843315.3	118.6	20.870	16.183	37.8	26.409	2.5	21.016	1.563	1.906	50.7	2.465	3.4	-4.947	3.631	-36.3	6.137
248807.8	843316.0	118.5	21.543	16.982	38.2	27.431	3.4	21.829	1.721	2.112	50.8	2.725	3.0	-5.384	4.038	-36.9	6.730
248807.0	843316.7	118.5	22.177	17.767	38.7	28.416	4.3	22.613	1.881	2.321	51.0	2.987	2.8	-5.813	4.439	-37.4	7.314
248806.3	843317.4	118.4	22.631	18.394	39.1	29.163	5.4	23.208	2.033	2.521	51.1	3.239	2.6	-6.109	4.673	-37.4	7.691
248805.6	843318.1	118.3	22.914	18.862	39.5	29.678	6.6	23.617	2.174	2.703	51.2	3.469	2.6	-6.284	4.755	-37.1	7.881
248804.9	843318.7	118.1	22.999	19.134	39.8	29.918	7.9	23.808	2.298	2.856	51.2	3.666	2.5	-6.319	4.655	-36.4	7.849
248804.2	843319.4	117.9	22.832	19.142	40.0	29.795	9.3	23.710	2.398	2.970	51.1	3.817	2.5	-6.156	4.304	-35.0	7.512
248803.5	843320.1	117.7	22.523	18.995	40.1	29.464	10.7	23.447	2.473	3.040	50.9	3.919	2.5	-5.907	3.845	-33.1	7.049
248802.7	843320.8	117.6	22.096	18.714	40.3	28.956	12.2	23.043	2.520	3.062	50.6	3.966	2.4	-5.598	3.316	-30.6	6.507
248802.0	843321.5	117.2	21.153	17.863	40.2	27.686	13.7	22.032	2.527	3.022	50.1	3.939	2.2	-4.756	2.156	-24.4	5.222
248801.3	843322.2	116.8	20.148	16.932	40.0	26.317	15.1	20.943	2.508	2.939	49.5	3.863	1.7	-3.861	0.974	-14.2	3.982
248800.6	843322.9	116.4	19.008	15.843	39.8	24.745	16.5	19.691	2.462	2.817	48.8	3.742	1.1	-2.802	-0.342	7.0	2.822
248799.9	843323.6	115.9	17.756	14.626	39.5	23.004	17.8	18.306	2.396	2.667	48.1	3.586	0.4	-1.570	-1.773	48.5	2.368
248799.1	843324.3	115.5	16.719	13.633	39.2	21.573	19.1	17.167	2.312	2.492	47.1	3.399	1.2	-0.654	-2.761	76.7	2.837
248798.4	843325.0	115.2	15.826	12.789	38.9	20.348	20.2	16.192	2.210	2.294	46.1	3.185	2.3	0.006	-3.389	-89.9	3.389
248797.7	843325.7	114.8	14.873	11.879	38.6	19.035	21.3	15.147	2.095	2.088	44.9	2.958	3.7	0.749	-4.023	-79.5	4.092

Wire low point cross section results between structures [redacted]/[redacted]-7 and [redacted]/[redacted]-8

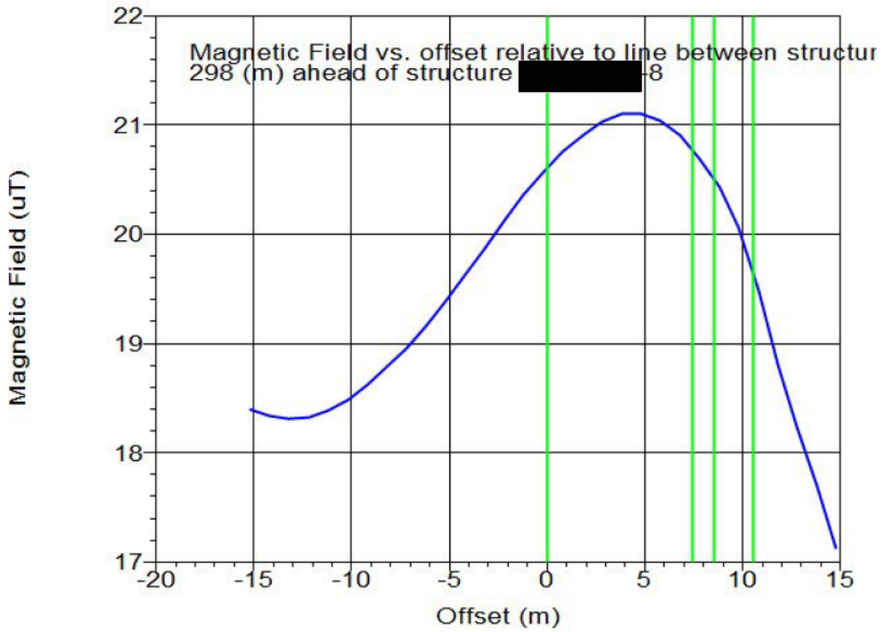


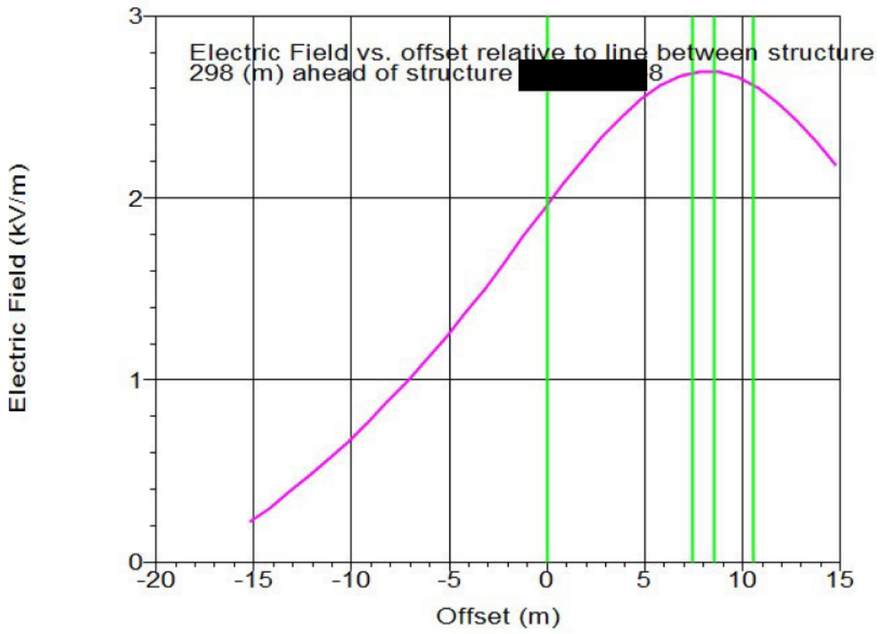


3D EMF Point Results Span from [redacted]-7 to [redacted]-8:

Measurement			B					H	EF					Space Potential			
X (m)	Y (m)	Z (m)	Real (uT)	Imaginary (uT)	Angle (deg)	Magnitude (uT)	Polarization Axial Ratio %	Magnitude (A/m)	Real (kV/m)	Imaginary (kV/m)	Angle (deg)	Magnitude (kV/m)	Polarization Axial Ratio %	Real (kV)	Imaginary (kV)	Angle (deg)	Magnitude (kV)
248509.5	842985.3	126.5	17.896	9.634	28.3	20.324	26.2	16.174	2.591	0.599	13.0	2.659	1.1	1.448	-0.781	-28.3	1.645
248508.8	842986.0	126.5	18.899	10.072	28.1	21.415	25.1	17.042	2.703	0.554	11.6	2.759	1.1	1.750	-0.817	-25.0	1.932
248508.1	842986.7	126.6	19.885	10.518	27.9	22.496	24.0	17.901	2.781	0.499	10.2	2.826	1.1	2.049	-0.844	-22.4	2.216
248507.4	842987.4	126.7	20.840	10.972	27.8	23.552	22.9	18.742	2.820	0.432	8.7	2.852	1.2	2.333	-0.858	-20.2	2.486
248506.7	842988.1	126.8	21.748	11.433	27.7	24.570	21.8	19.552	2.813	0.355	7.2	2.835	1.3	2.591	-0.858	-18.3	2.729
248505.9	842988.8	126.8	22.592	11.900	27.8	25.535	20.7	20.320	2.758	0.266	5.5	2.771	1.5	2.807	-0.843	-16.7	2.931
248505.2	842989.5	126.9	23.362	12.373	27.9	26.437	19.7	21.038	2.654	0.168	3.6	2.660	1.9	2.973	-0.810	-15.2	3.081
248504.5	842990.2	127.0	24.052	12.854	28.1	27.271	18.8	21.701	2.502	0.078	1.8	2.503	2.5	3.083	-0.759	-13.8	3.175
248503.8	842990.9	127.0	24.657	13.342	28.4	28.035	17.9	22.310	2.306	0.118	2.9	2.309	3.6	3.131	-0.688	-12.4	3.206
248503.1	842991.6	127.1	25.177	13.838	28.8	28.729	17.1	22.862	2.069	0.252	6.9	2.084	5.4	3.116	-0.593	-10.8	3.172
248502.3	842992.3	127.2	25.615	14.344	29.2	29.358	16.4	23.362	1.799	0.411	12.9	1.845	8.5	3.038	-0.473	-8.8	3.074
248501.6	842993.0	127.2	25.976	14.858	29.8	29.925	15.9	23.814	1.503	0.589	21.4	1.614	13.4	2.897	-0.324	-6.4	2.915
248500.9	842993.7	127.3	26.267	15.380	30.4	30.438	15.4	24.222	1.189	0.784	33.4	1.424	20.8	2.698	-0.145	-3.1	2.701
248500.2	842994.4	127.4	26.493	15.909	31.0	30.903	15.1	24.592	0.870	0.996	48.9	1.323	28.6	2.444	0.068	1.6	2.445
248499.5	842995.0	127.4	26.631	16.423	31.7	31.288	15.0	24.898	0.571	1.223	65.0	1.350	30.7	2.135	0.304	8.1	2.157
248498.8	842995.7	127.5	26.700	16.923	32.4	31.611	15.0	25.155	0.377	1.463	75.5	1.511	25.7	1.789	0.564	17.5	1.876
248498.0	842996.4	127.5	26.713	17.409	33.1	31.885	15.2	25.373	0.463	1.711	74.9	1.772	19.0	1.415	0.853	31.1	1.652
248497.3	842997.1	127.6	26.666	17.870	33.8	32.100	15.5	25.545	0.728	1.961	69.6	2.092	13.7	1.019	1.167	48.9	1.549
248496.6	842997.8	127.7	26.579	18.308	34.6	32.274	16.0	25.683	1.032	2.207	64.9	2.437	10.1	0.599	1.518	68.5	1.632
248495.9	842998.5	127.7	26.417	18.690	35.3	32.360	16.7	25.751	1.332	2.438	61.4	2.778	7.7	0.165	1.884	85.0	1.892
248495.2	842999.2	127.8	26.171	18.997	36.0	32.339	17.5	25.735	1.610	2.644	58.7	3.096	6.0	-0.272	2.254	-83.1	2.271
248494.4	842999.9	127.8	25.830	19.209	36.6	32.190	18.4	25.616	1.857	2.813	56.6	3.371	4.9	-0.703	2.613	-74.9	2.706
248493.7	843000.6	127.9	25.379	19.301	37.3	31.884	19.5	25.373	2.066	2.934	54.8	3.588	4.2	-1.112	2.938	-69.3	3.142
248493.0	843001.3	128.0	24.793	19.237	37.8	31.380	20.7	24.972	2.230	2.998	53.4	3.737	3.8	-1.472	3.192	-65.2	3.516
248492.3	843002.0	128.0	24.108	19.040	38.3	30.720	22.0	24.446	2.346	3.001	52.0	3.810	3.6	-1.799	3.397	-62.1	3.844
248491.6	843002.7	128.1	23.322	18.701	38.7	29.894	23.4	23.789	2.414	2.943	50.6	3.806	3.6	-2.079	3.534	-59.5	4.100
248490.9	843003.4	128.1	22.426	18.202	39.1	28.883	24.8	22.984	2.434	2.826	49.3	3.730	3.7	-2.286	3.571	-57.4	4.240
248490.1	843004.1	128.2	21.489	17.612	39.3	27.784	26.3	22.110	2.412	2.660	47.8	3.591	4.0	-2.470	3.570	-55.3	4.341
248489.4	843004.8	128.2	20.496	16.912	39.5	26.572	27.8	21.146	2.354	2.457	46.2	3.402	4.4	-2.596	3.494	-53.4	4.353
248488.7	843005.5	128.3	19.462	16.120	39.6	25.272	29.3	20.110	2.265	2.226	44.5	3.176	4.9	-2.661	3.347	-51.5	4.276
248488.0	843006.2	128.3	18.419	15.273	39.7	23.928	30.8	19.041	2.154	1.983	42.6	2.928	5.5	-2.682	3.153	-49.6	4.139

Wire low point cross section results between structures [redacted]-8 and [redacted]-9



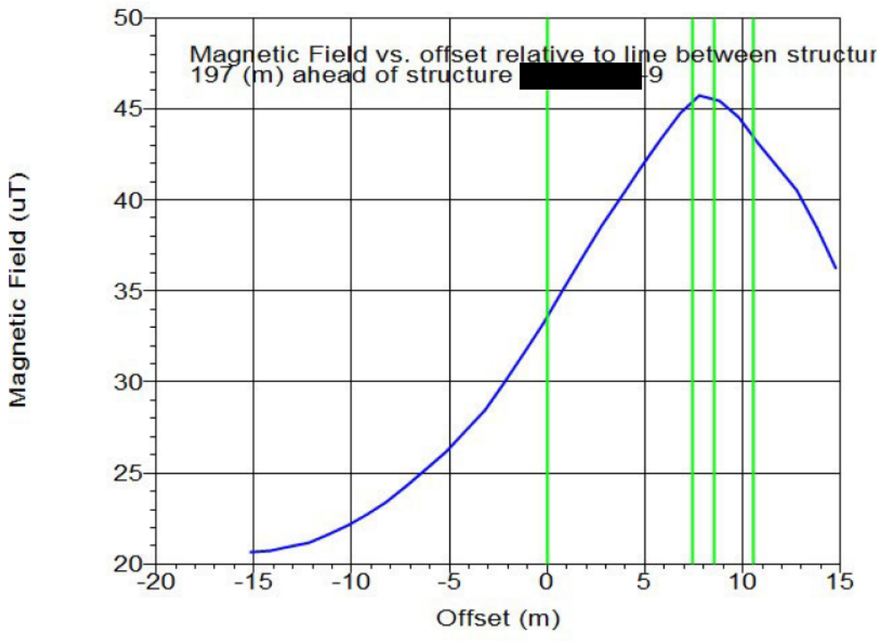


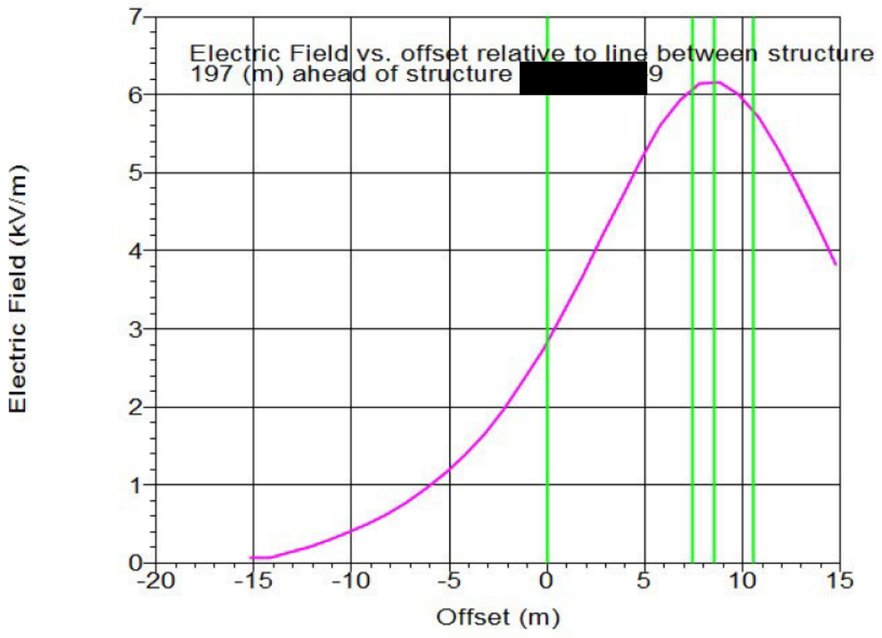
3D EMF Point Results Span from [redacted]-8 to [redacted]-9:

Measurement			B					H	EF					Space Potential			
X (m)	Y (m)	Z (m)	Real (uT)	Imaginary (uT)	Angle (deg)	Magnitude (uT)	Polarization Axial Ratio %	Magnitude (A/m)	Real (kV/m)	Imaginary (kV/m)	Angle (deg)	Magnitude (kV/m)	Polarization Axial Ratio %	Real (kV)	Imaginary (kV)	Angle (deg)	Magnitude (kV)
248094.0	842556.7	125.2	15.900	9.264	30.2	18.402	4.3	14.644	0.073	0.208	70.7	0.220	15.8	-0.212	0.151	-35.5	0.260
248093.3	842557.4	125.2	15.782	9.330	30.6	18.333	3.8	14.589	0.136	0.265	62.9	0.298	8.9	-0.254	0.184	-36.0	0.314
248092.6	842558.0	125.1	15.705	9.414	30.9	18.310	3.4	14.571	0.203	0.325	58.0	0.383	5.8	-0.299	0.220	-36.3	0.371
248091.9	842558.7	125.0	15.664	9.518	31.3	18.329	2.9	14.586	0.271	0.387	55.0	0.473	4.1	-0.347	0.258	-36.6	0.432
248091.2	842559.4	125.0	15.657	9.639	31.6	18.386	2.4	14.631	0.340	0.453	53.1	0.566	3.2	-0.397	0.297	-36.8	0.496
248090.4	842560.1	124.9	15.687	9.783	31.9	18.488	1.9	14.712	0.410	0.522	51.9	0.664	2.5	-0.455	0.345	-37.2	0.571
248089.7	842560.8	124.9	15.746	9.944	32.3	18.623	1.4	14.820	0.483	0.596	51.0	0.767	2.1	-0.516	0.396	-37.5	0.651
248089.0	842561.5	124.8	15.822	10.116	32.6	18.779	0.8	14.944	0.558	0.674	50.4	0.875	1.7	-0.575	0.444	-37.7	0.727
248088.3	842562.2	124.7	15.917	10.302	32.9	18.960	0.3	15.088	0.637	0.757	49.9	0.989	1.5	-0.635	0.493	-37.8	0.804

248087.6	842562.9	124.7	16.028	10.498	33.2	19.160	0.3	15.247	0.718	0.845	49.6	1.109	1.2	-0.694	0.542	-38.0	0.881
248086.9	842563.6	124.6	16.161	10.714	33.5	19.390	0.9	15.430	0.804	0.938	49.4	1.235	1.0	-0.765	0.605	-38.3	0.976
248086.1	842564.3	124.6	16.304	10.938	33.9	19.633	1.6	15.623	0.893	1.036	49.2	1.368	0.9	-0.839	0.672	-38.7	1.075
248085.4	842565.0	124.5	16.448	11.164	34.2	19.880	2.3	15.820	0.985	1.138	49.1	1.505	0.8	-0.911	0.738	-39.0	1.172
248084.7	842565.7	124.5	16.589	11.390	34.5	20.123	3.0	16.013	1.079	1.243	49.0	1.646	0.7	-0.980	0.802	-39.3	1.267
248084.0	842566.4	124.4	16.720	11.608	34.8	20.354	3.7	16.197	1.175	1.350	49.0	1.790	0.6	-1.045	0.862	-39.5	1.355
248083.3	842567.1	124.4	16.834	11.814	35.1	20.566	4.5	16.366	1.272	1.457	48.9	1.934	0.6	-1.104	0.915	-39.7	1.434
248082.5	842567.8	124.4	16.930	12.006	35.3	20.755	5.4	16.516	1.367	1.561	48.8	2.075	0.6	-1.160	0.966	-39.8	1.510
248081.8	842568.5	124.3	16.998	12.175	35.6	20.908	6.3	16.638	1.458	1.661	48.7	2.210	0.6	-1.210	1.009	-39.8	1.575
248081.1	842569.2	124.3	17.042	12.323	35.9	21.031	7.2	16.736	1.546	1.753	48.6	2.337	0.6	-1.264	1.056	-39.9	1.647
248080.4	842569.9	124.3	17.046	12.434	36.1	21.099	8.1	16.790	1.625	1.833	48.4	2.450	0.6	-1.307	1.090	-39.8	1.702
248079.7	842570.6	124.2	17.005	12.502	36.3	21.106	9.1	16.795	1.696	1.898	48.2	2.545	0.6	-1.338	1.108	-39.6	1.737
248079.0	842571.3	124.2	16.913	12.522	36.5	21.043	10.2	16.746	1.755	1.946	48.0	2.620	0.7	-1.356	1.108	-39.3	1.751
248078.2	842572.0	124.2	16.768	12.489	36.7	20.908	11.2	16.638	1.800	1.973	47.6	2.671	0.7	-1.359	1.090	-38.7	1.742
248077.5	842572.7	124.2	16.567	12.400	36.8	20.694	12.3	16.468	1.831	1.979	47.2	2.696	0.8	-1.345	1.051	-38.0	1.707
248076.8	842573.4	124.2	16.339	12.279	36.9	20.439	13.4	16.264	1.847	1.962	46.7	2.694	0.9	-1.355	1.034	-37.4	1.704
248076.1	842574.1	124.1	16.023	12.070	37.0	20.061	14.5	15.964	1.846	1.921	46.1	2.664	0.9	-1.298	0.945	-36.1	1.605
248075.4	842574.8	124.0	15.559	11.709	37.0	19.472	15.7	15.496	1.827	1.857	45.5	2.605	0.9	-1.067	0.678	-32.4	1.264
248074.6	842575.4	123.9	15.041	11.292	36.9	18.808	16.7	14.967	1.794	1.773	44.7	2.522	0.7	-0.799	0.384	-25.7	0.887
248073.9	842576.1	123.8	14.591	10.933	36.8	18.232	17.8	14.509	1.748	1.675	43.8	2.421	0.7	-0.683	0.251	-20.2	0.728
248073.2	842576.8	123.8	14.170	10.599	36.8	17.695	18.9	14.081	1.692	1.566	42.8	2.305	0.7	-0.659	0.210	-17.6	0.692
248072.5	842577.5	123.8	13.725	10.236	36.7	17.122	19.9	13.625	1.625	1.447	41.7	2.175	0.8	-0.632	0.166	-14.7	0.653

Wire low point cross section results between structures [redacted]-9 and [redacted]-10

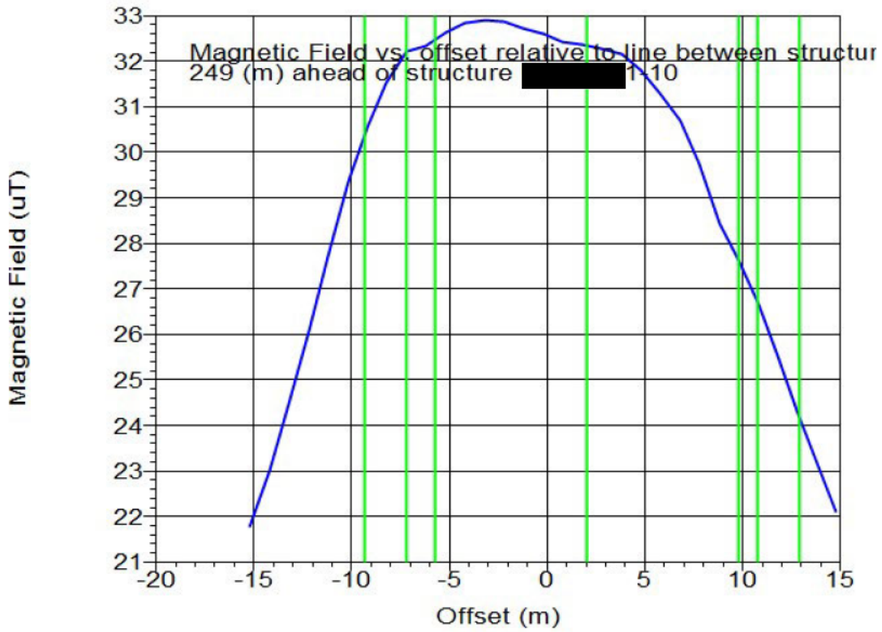


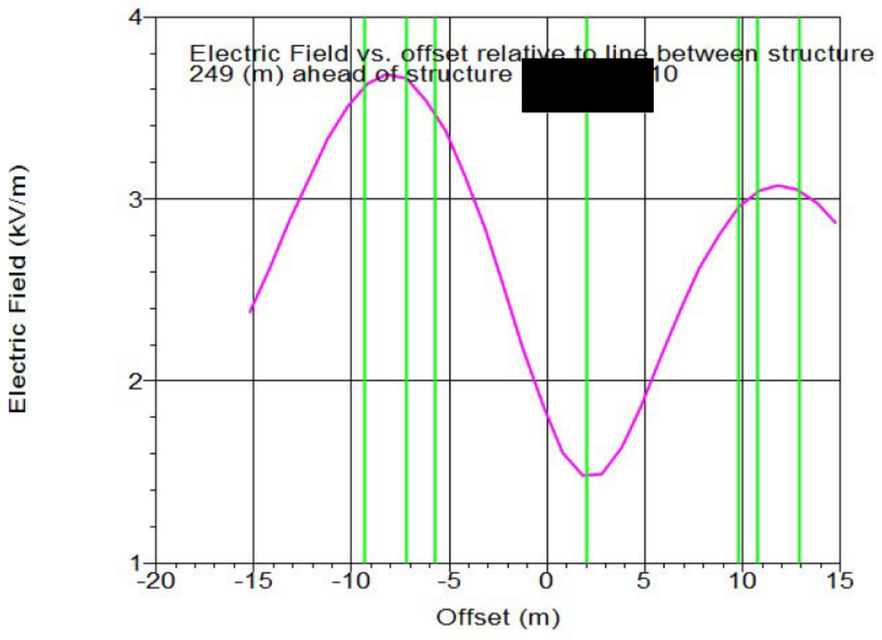


3D EMF Point Results Span from [redacted]-9 to [redacted]-10:

Measurement			B					H	EF					Space Potential			
X (m)	Y (m)	Z (m)	Real (uT)	Imaginary (uT)	Angle (deg)	Magnitude (uT)	Polarization Axial Ratio %	Magnitude (A/m)	Real (kV/m)	Imaginary (kV/m)	Angle (deg)	Magnitude (kV/m)	Polarization Axial Ratio %	Real (kV)	Imaginary (kV)	Angle (deg)	Magnitude (kV)
247787.4	842240.3	137.3	17.537	10.870	31.8	20.633	7.5	16.419	0.050	0.036	35.8	0.062	71.2	-0.078	0.130	-58.9	0.152
247786.6	842241.0	137.3	17.550	11.035	32.2	20.731	7.0	16.497	0.023	0.070	72.0	0.073	20.8	-0.102	0.161	-57.7	0.190
247785.9	842241.7	137.3	17.644	11.248	32.5	20.925	6.5	16.651	0.064	0.116	61.3	0.133	1.3	-0.120	0.190	-57.7	0.225
247785.2	842242.4	137.2	17.817	11.511	32.9	21.212	6.0	16.880	0.119	0.169	54.9	0.207	2.7	-0.134	0.217	-58.3	0.255
247784.5	842243.1	137.3	18.084	11.846	33.2	21.619	5.6	17.204	0.181	0.229	51.7	0.292	2.9	-0.152	0.253	-58.9	0.295
247783.8	842243.8	137.3	18.453	12.262	33.6	22.156	5.2	17.631	0.251	0.298	49.8	0.390	2.7	-0.185	0.308	-58.9	0.359
247783.1	842244.5	137.3	18.844	12.690	34.0	22.719	4.7	18.079	0.331	0.375	48.6	0.500	2.6	-0.188	0.329	-60.2	0.379
247782.3	842245.2	137.3	19.335	13.209	34.3	23.417	4.3	18.634	0.422	0.466	47.9	0.629	2.4	-0.208	0.371	-60.8	0.425
247781.6	842245.9	137.4	19.949	13.843	34.8	24.281	3.9	19.322	0.527	0.573	47.4	0.778	2.2	-0.268	0.459	-59.8	0.532
247780.9	842246.5	137.3	20.584	14.508	35.2	25.183	3.5	20.040	0.648	0.698	47.1	0.952	2.0	-0.294	0.514	-60.2	0.592
247780.2	842247.2	137.3	21.286	15.251	35.6	26.186	3.0	20.838	0.787	0.845	47.0	1.155	1.9	-0.323	0.573	-60.6	0.658
247779.5	842247.9	137.3	22.052	16.073	36.1	27.288	2.5	21.715	0.947	1.018	47.1	1.391	1.7	-0.354	0.638	-61.0	0.730
247778.7	842248.6	137.3	22.889	16.986	36.6	28.503	1.9	22.682	1.129	1.221	47.2	1.663	1.6	-0.399	0.722	-61.1	0.825
247778.0	842249.3	137.4	23.884	18.078	37.1	29.954	1.4	23.837	1.336	1.459	47.5	1.978	1.5	-0.550	0.926	-59.3	1.077
247777.3	842250.0	137.5	24.945	19.272	37.7	31.522	0.7	25.084	1.568	1.733	47.9	2.337	1.5	-0.733	1.172	-58.0	1.382
247776.6	842250.7	137.5	26.070	20.572	38.3	33.210	0.2	26.427	1.824	2.046	48.3	2.741	1.5	-0.960	1.475	-56.9	1.760
247775.9	842251.4	137.6	27.247	21.972	38.9	35.003	0.9	27.854	2.104	2.396	48.7	3.189	1.5	-1.235	1.843	-56.2	2.219
247775.2	842252.1	137.7	28.451	23.452	39.5	36.870	1.8	29.341	2.404	2.778	49.1	3.674	1.4	-1.558	2.277	-55.6	2.759
247774.4	842252.8	137.7	29.518	24.841	40.1	38.579	2.9	30.701	2.714	3.180	49.5	4.181	1.4	-1.796	2.620	-55.6	3.177
247773.7	842253.5	137.7	30.535	26.224	40.7	40.250	4.1	32.030	3.025	3.586	49.9	4.691	1.3	-2.073	3.011	-55.5	3.655
247773.0	842254.2	137.7	31.461	27.555	41.2	41.821	5.5	33.280	3.322	3.970	50.1	5.176	1.2	-2.391	3.447	-55.3	4.196
247772.3	842254.9	137.8	32.278	28.809	41.7	43.265	7.0	34.429	3.588	4.303	50.2	5.602	1.2	-2.783	3.958	-54.9	4.838
247771.6	842255.6	137.9	33.117	30.134	42.3	44.775	8.5	35.630	3.809	4.559	50.1	5.941	1.4	-3.414	4.730	-54.2	5.834
247770.9	842256.3	138.0	33.577	31.060	42.8	45.740	10.2	36.399	3.960	4.697	49.9	6.144	1.6	-3.933	5.323	-53.5	6.619
247770.1	842257.0	138.0	33.188	30.993	43.0	45.410	12.1	36.136	4.016	4.672	49.3	6.161	1.9	-3.908	5.218	-53.2	6.519
247769.4	842257.7	138.0	32.446	30.489	43.2	44.523	14.0	35.430	3.985	4.502	48.5	6.012	2.3	-3.798	4.970	-52.6	6.255
247768.7	842258.4	137.9	31.331	29.505	43.3	43.037	16.0	34.248	3.871	4.202	47.3	5.713	2.7	-3.545	4.527	-51.9	5.750
247768.0	842259.1	138.0	30.383	28.701	43.4	41.796	17.9	33.260	3.700	3.821	45.9	5.318	3.5	-3.667	4.450	-50.5	5.766
247767.3	842259.8	138.2	29.416	27.845	43.4	40.505	19.9	32.233	3.480	3.384	44.2	4.854	4.7	-3.929	4.452	-48.6	5.937
247766.5	842260.5	138.2	27.974	26.345	43.3	38.427	21.8	30.579	3.219	2.904	42.1	4.336	5.7	-3.767	4.002	-46.7	5.496
247765.8	842261.2	138.3	26.449	24.699	43.0	36.188	23.7	28.797	2.942	2.427	39.5	3.814	6.8	-3.543	3.496	-44.6	4.977

Wire low point cross section results between structures [redacted]-10 and [redacted]-11



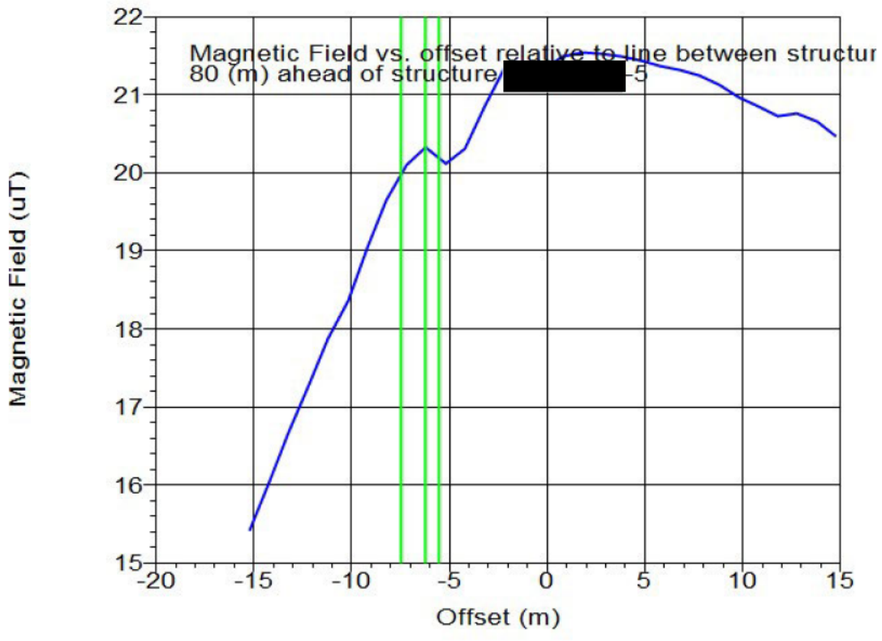


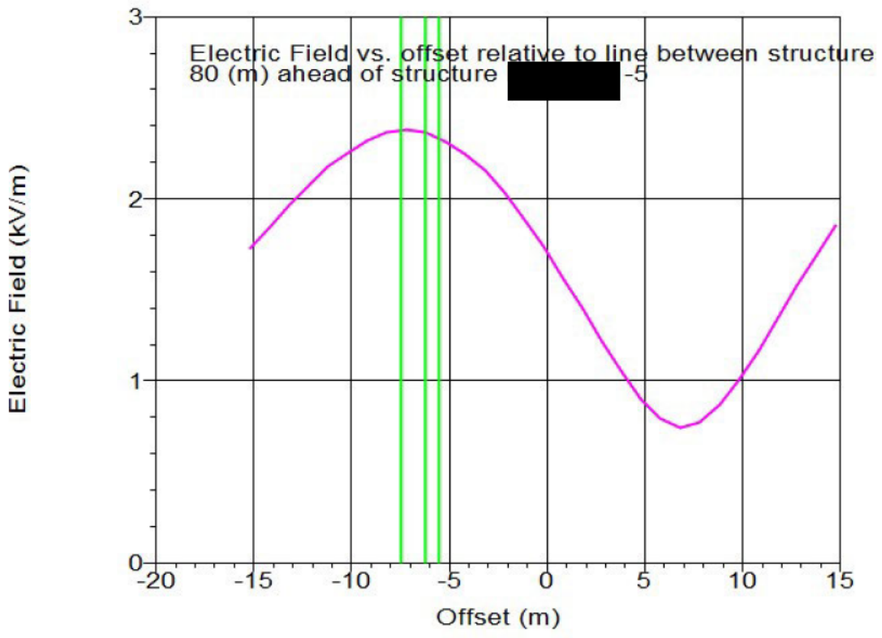
3D EMF Point Results Span from [redacted]-10 to [redacted]-11:

Measurement			B					H	EF					Space Potential			
X (m)	Y (m)	Z (m)	Real (uT)	Imaginary (uT)	Angle (deg)	Magnitude (uT)	Polarization Axial Ratio %	Magnitude (A/m)	Real (kV/m)	Imaginary (kV/m)	Angle (deg)	Magnitude (kV/m)	Polarization Axial Ratio %	Real (kV)	Imaginary (kV)	Angle (deg)	Magnitude (kV)
247459.9	841899.8	131.0	19.229	10.182	27.9	21.759	36.0	17.315	2.206	0.888	21.9	2.378	6.8	3.039	-0.394	-7.4	3.065
247459.2	841900.5	130.9	20.448	10.600	27.4	23.032	34.6	18.328	2.473	0.878	19.5	2.624	6.0	3.069	-0.236	-4.4	3.078
247458.5	841901.1	130.9	21.814	11.077	26.9	24.465	33.2	19.469	2.742	0.856	17.3	2.873	5.5	3.221	-0.122	-2.2	3.223
247457.8	841901.8	130.9	23.353	11.625	26.5	26.087	31.7	20.759	3.003	0.824	15.3	3.115	5.3	3.541	-0.047	-0.8	3.541
247457.0	841902.5	131.0	24.894	12.184	26.1	27.716	30.2	22.056	3.241	0.780	13.5	3.333	5.3	3.839	0.052	0.8	3.840
247456.3	841903.2	131.0	26.443	12.765	25.8	29.363	28.7	23.366	3.441	0.724	11.9	3.516	5.3	4.138	0.170	2.4	4.142
247455.6	841903.9	131.0	27.537	13.223	25.7	30.547	27.3	24.309	3.576	0.652	10.3	3.635	5.2	3.971	0.389	5.6	3.990
247454.9	841904.6	130.9	28.408	13.653	25.7	31.518	25.9	25.081	3.642	0.569	8.9	3.686	5.2	3.628	0.632	9.9	3.683
247454.1	841905.3	130.8	29.003	14.042	25.8	32.223	24.6	25.643	3.629	0.476	7.5	3.660	5.4	3.089	0.894	16.1	3.216

247453.4	841906.0	130.6	29.000	14.277	26.2	32.323	23.6	25.722	3.527	0.369	6.0	3.546	5.5	2.081	1.189	29.7	2.397
247452.7	841906.7	130.4	29.169	14.621	26.6	32.629	22.6	25.965	3.357	0.278	4.7	3.369	6.2	1.378	1.437	46.2	1.991
247452.0	841907.4	130.3	29.218	14.971	27.1	32.830	21.7	26.125	3.119	0.234	4.3	3.128	7.4	0.699	1.675	67.3	1.815
247451.3	841908.0	130.2	29.122	15.308	27.7	32.901	21.0	26.181	2.821	0.283	5.7	2.835	9.1	0.030	1.902	89.1	1.902
247450.5	841908.7	130.1	28.904	15.632	28.4	32.861	20.4	26.150	2.476	0.408	9.3	2.510	11.4	-0.606	2.116	-74.0	2.201
247449.8	841909.4	130.0	28.585	15.940	29.1	32.729	20.0	26.045	2.097	0.572	15.2	2.174	14.6	-1.191	2.311	-62.7	2.600
247449.1	841910.1	129.9	28.254	16.262	29.9	32.600	19.8	25.942	1.699	0.759	24.1	1.861	19.0	-1.673	2.499	-56.2	3.007
247448.4	841910.8	129.8	27.880	16.577	30.7	32.436	19.6	25.812	1.294	0.962	36.6	1.612	23.7	-2.087	2.675	-52.0	3.393
247447.6	841911.5	129.8	27.579	16.941	31.6	32.367	19.6	25.757	0.898	1.176	52.6	1.479	26.7	-2.410	2.881	-50.1	3.756
247446.9	841912.2	129.8	27.247	17.291	32.4	32.271	19.7	25.680	0.531	1.395	69.1	1.492	23.8	-2.705	3.093	-48.8	4.109
247446.2	841912.9	129.8	26.906	17.635	33.2	32.171	19.9	25.601	0.287	1.614	79.9	1.639	17.8	-2.979	3.321	-48.1	4.462
247445.5	841913.6	129.7	26.339	17.814	34.1	31.797	20.4	25.303	0.392	1.823	77.9	1.864	11.3	-3.226	3.438	-46.8	4.714
247444.7	841914.3	129.6	25.670	17.887	34.9	31.288	21.0	24.898	0.671	2.017	71.6	2.125	6.9	-3.409	3.481	-45.6	4.872
247444.0	841915.0	129.6	24.943	17.872	35.6	30.685	21.8	24.418	0.954	2.188	66.4	2.387	4.2	-3.525	3.468	-44.5	4.945
247443.3	841915.6	129.4	23.964	17.601	36.3	29.733	22.7	23.661	1.207	2.324	62.6	2.619	2.3	-3.490	3.225	-42.7	4.751
247442.6	841916.3	129.2	22.753	17.065	36.9	28.441	23.8	22.633	1.423	2.420	59.6	2.807	0.9	-3.250	2.718	-39.9	4.237
247441.8	841917.0	129.1	21.937	16.794	37.4	27.627	24.8	21.985	1.604	2.482	57.1	2.955	0.7	-3.176	2.566	-38.9	4.083
247441.1	841917.7	129.1	21.032	16.388	37.9	26.663	25.8	21.218	1.743	2.498	55.1	3.046	0.5	-3.035	2.331	-37.5	3.827
247440.4	841918.4	129.0	20.021	15.823	38.3	25.519	27.0	20.307	1.838	2.467	53.3	3.077	0.4	-2.795	1.976	-35.3	3.423
247439.7	841919.1	128.8	18.996	15.186	38.6	24.320	28.1	19.353	1.894	2.393	51.6	3.052	0.3	-2.523	1.603	-32.4	2.990
247439.0	841919.8	128.8	18.026	14.544	38.9	23.161	29.2	18.431	1.914	2.283	50.0	2.979	0.4	-2.291	1.301	-29.6	2.634
247438.2	841920.5	128.8	17.147	13.942	39.1	22.100	30.4	17.587	1.902	2.143	48.4	2.866	0.5	-2.154	1.122	-27.5	2.428

Wire low point cross section results between structures [redacted]/[redacted]-5 and [redacted]-6T

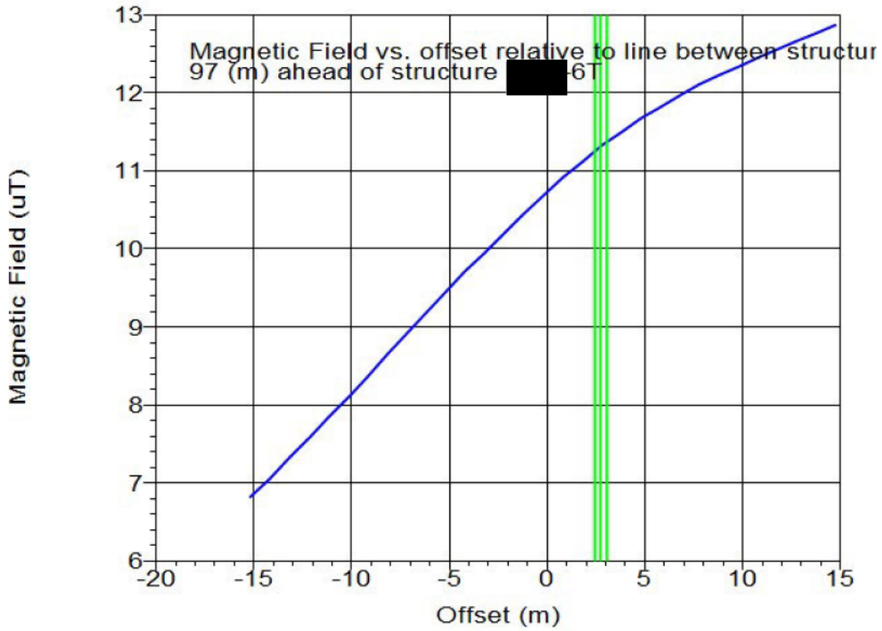


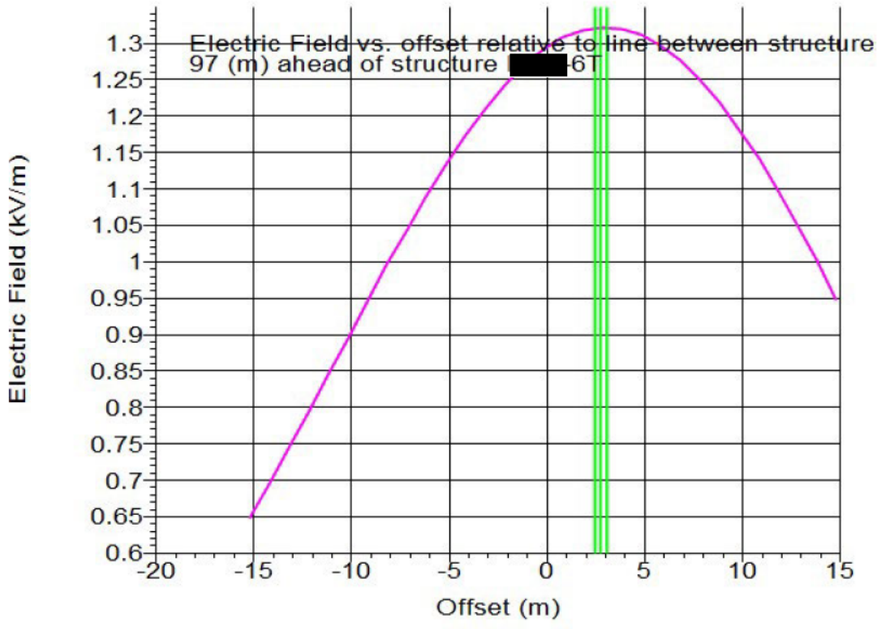


3D EMF Point Results Span from [redacted]-5 to [redacted]-6T:

Measurement			B					H	EF					Space Potential			
X (m)	Y (m)	Z (m)	Real (uT)	Imaginary (uT)	Angle (deg)	Magnitude (uT)	Polarization Axial Ratio %	Magnitude (A/m)	Real (kV/m)	Imaginary (kV/m)	Angle (deg)	Magnitude (kV/m)	Polarization Axial Ratio %	Real (kV)	Imaginary (kV)	Angle (deg)	Magnitude (kV)
249080.8	843558.1	85.6	13.810	6.827	26.3	15.406	21.6	12.260	1.633	0.547	18.5	1.722	5.3	3.600	-0.487	-7.7	3.633
249080.0	843558.7	85.5	14.422	7.049	26.0	16.052	20.9	12.774	1.762	0.553	17.4	1.847	4.8	3.613	-0.401	-6.3	3.635
249079.2	843559.3	85.4	15.018	7.267	25.8	16.684	20.1	13.277	1.887	0.554	16.4	1.966	4.4	3.587	-0.307	-4.9	3.600
249078.3	843559.9	85.3	15.591	7.480	25.6	17.292	19.4	13.761	2.003	0.551	15.4	2.077	4.0	3.517	-0.204	-3.3	3.523
249077.5	843560.5	85.2	16.137	7.690	25.5	17.876	18.6	14.225	2.107	0.543	14.4	2.175	3.7	3.410	-0.097	-1.6	3.411
249076.7	843561.1	85.0	16.587	7.873	25.4	18.361	17.8	14.611	2.193	0.528	13.5	2.256	3.4	3.173	0.036	0.6	3.174
249075.9	843561.6	85.0	17.225	8.137	25.3	19.050	17.0	15.159	2.266	0.510	12.7	2.323	3.3	3.226	0.094	1.7	3.227
249075.1	843562.2	85.0	17.775	8.379	25.2	19.651	16.2	15.638	2.315	0.486	11.9	2.365	3.3	3.178	0.176	3.2	3.183
249074.3	843562.8	84.9	18.182	8.583	25.3	20.106	15.4	16.000	2.336	0.456	11.1	2.380	3.2	2.965	0.289	5.6	2.979
249073.5	843563.4	84.8	18.366	8.719	25.4	20.330	14.7	16.178	2.326	0.419	10.2	2.364	3.1	2.499	0.444	10.1	2.538
249072.7	843564.0	84.4	18.139	8.713	25.7	20.123	14.1	16.013	2.282	0.373	9.3	2.312	2.8	1.550	0.668	23.3	1.688
249071.8	843564.6	84.2	18.270	8.854	25.9	20.303	13.5	16.156	2.219	0.325	8.3	2.243	2.8	1.155	0.784	34.2	1.396
249071.0	843565.1	84.3	18.749	9.148	26.0	20.861	12.8	16.601	2.136	0.276	7.4	2.154	3.4	1.259	0.829	33.4	1.507
249070.2	843565.7	84.4	19.140	9.427	26.2	21.335	12.1	16.978	2.028	0.225	6.3	2.040	4.2	1.277	0.898	35.1	1.561
249069.4	843566.3	84.3	19.143	9.564	26.5	21.399	11.7	17.029	1.892	0.167	5.1	1.899	4.7	0.894	1.011	48.5	1.350
249068.6	843566.9	84.1	19.010	9.655	26.9	21.322	11.3	16.967	1.735	0.113	3.7	1.739	5.2	0.436	1.120	68.7	1.202
249067.8	843567.5	84.1	19.096	9.851	27.3	21.487	10.9	17.099	1.568	0.103	3.8	1.571	6.5	0.254	1.210	78.1	1.237
249067.0	843568.1	84.0	19.082	10.013	27.7	21.550	10.6	17.149	1.388	0.148	6.1	1.395	8.2	0.017	1.301	89.3	1.301
249066.2	843568.6	83.9	18.989	10.147	28.1	21.531	10.5	17.133	1.197	0.223	10.6	1.218	10.1	-0.242	1.382	-80.1	1.403
249065.3	843569.2	83.8	18.875	10.276	28.6	21.492	10.4	17.102	1.001	0.313	17.4	1.049	12.5	-0.470	1.452	-72.1	1.526
249064.5	843569.8	83.7	18.744	10.399	29.0	21.435	10.3	17.058	0.801	0.412	27.2	0.901	15.3	-0.667	1.510	-66.2	1.651
249063.7	843570.4	83.6	18.599	10.517	29.5	21.366	10.4	17.003	0.600	0.517	40.8	0.792	17.3	-0.830	1.556	-61.9	1.763
249062.9	843571.0	83.6	18.470	10.644	30.0	21.317	10.5	16.964	0.401	0.629	57.5	0.746	16.8	-0.953	1.598	-59.2	1.861
249062.1	843571.6	83.5	18.326	10.762	30.4	21.252	10.7	16.912	0.209	0.745	74.3	0.774	13.0	-1.053	1.628	-57.1	1.939
249061.3	843572.1	83.4	18.133	10.847	30.9	21.129	11.0	16.814	0.068	0.864	85.5	0.866	7.8	-1.128	1.624	-55.2	1.978
249060.5	843572.7	83.3	17.906	10.905	31.3	20.966	11.4	16.684	0.200	0.984	78.5	1.005	3.9	-1.168	1.588	-53.7	1.971
249059.7	843573.3	83.2	17.723	10.984	31.8	20.850	11.8	16.592	0.380	1.106	71.0	1.169	2.0	-1.187	1.570	-52.9	1.968
249058.8	843573.9	83.2	17.534	11.053	32.2	20.727	12.3	16.494	0.555	1.225	65.6	1.345	1.0	-1.189	1.546	-52.4	1.951
249058.0	843574.5	83.2	17.481	11.212	32.7	20.767	12.8	16.526	0.723	1.342	61.7	1.524	0.8	-1.251	1.648	-52.8	2.069
249057.2	843575.1	83.2	17.305	11.279	33.1	20.656	13.4	16.438	0.880	1.452	58.8	1.698	0.6	-1.271	1.661	-52.6	2.091
249056.4	843575.6	83.1	17.064	11.288	33.5	20.459	14.1	16.281	1.026	1.552	56.5	1.860	0.4	-1.256	1.624	-52.3	2.053

Wire low point cross section results between structures [redacted]-6T and [redacted]-7



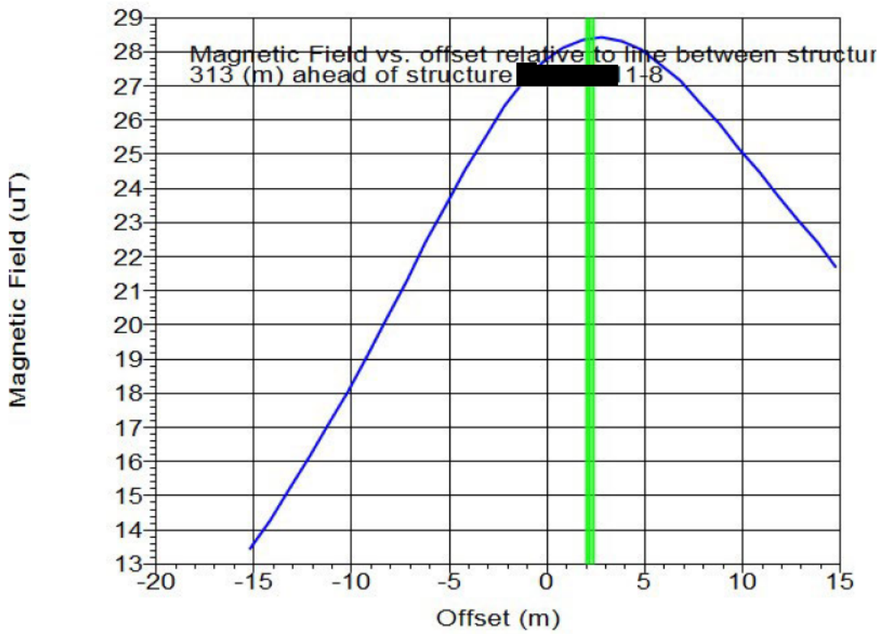


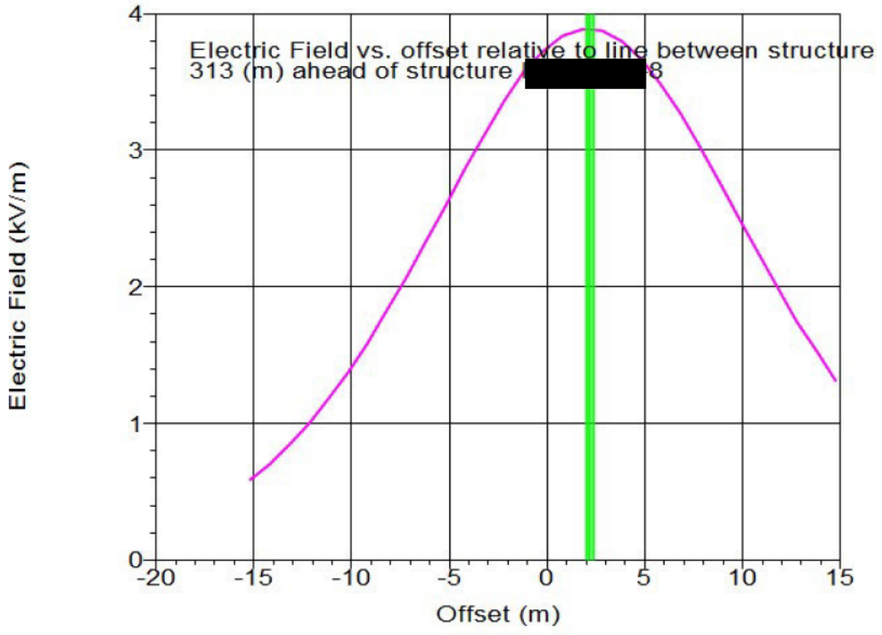
3D EMF Point Results Span from [redacted]-6T to [redacted]-7:

Measurement			B					H	EF					Space Potential			
X (m)	Y (m)	Z (m)	Real (uT)	Imaginary (uT)	Angle (deg)	Magnitude (uT)	Polarization Axial Ratio %	Magnitude (A/m)	Real (kV/m)	Imaginary (kV/m)	Angle (deg)	Magnitude (kV/m)	Polarization Axial Ratio %	Real (kV)	Imaginary (kV)	Angle (deg)	Magnitude (kV)
248769.8	843195.5	119.0	6.137	2.962	25.8	6.815	5.5	5.423	0.634	0.136	12.1	0.648	0.5	0.276	-0.284	-45.8	0.396
248769.3	843196.3	119.0	6.365	3.056	25.6	7.061	5.4	5.619	0.680	0.148	12.3	0.696	0.5	0.290	-0.286	-44.6	0.408
248768.8	843197.2	119.0	6.600	3.152	25.5	7.314	5.4	5.820	0.727	0.161	12.5	0.745	0.5	0.311	-0.290	-43.0	0.425
248768.3	843198.1	119.0	6.839	3.250	25.4	7.572	5.3	6.026	0.775	0.173	12.6	0.795	0.5	0.335	-0.293	-41.2	0.445
248767.8	843198.9	119.0	7.082	3.349	25.3	7.834	5.2	6.234	0.824	0.186	12.7	0.845	0.5	0.360	-0.297	-39.5	0.467
248767.3	843199.8	119.0	7.328	3.449	25.2	8.100	5.0	6.445	0.873	0.198	12.8	0.895	0.4	0.386	-0.301	-37.9	0.490
248766.8	843200.7	119.0	7.576	3.551	25.1	8.367	4.9	6.658	0.922	0.210	12.8	0.946	0.4	0.414	-0.304	-36.3	0.514
248766.3	843201.5	119.1	7.826	3.654	25.0	8.637	4.8	6.873	0.970	0.221	12.9	0.995	0.4	0.446	-0.309	-34.7	0.543
248765.8	843202.4	119.1	8.079	3.758	24.9	8.910	4.6	7.090	1.017	0.232	12.9	1.043	0.4	0.483	-0.314	-33.0	0.577

248765.3	843203.2	119.1	8.329	3.862	24.9	9.181	4.4	7.306	1.062	0.243	12.9	1.089	0.4	0.521	-0.320	-31.5	0.611
248764.8	843204.1	119.1	8.573	3.965	24.8	9.445	4.3	7.516	1.104	0.253	12.9	1.133	0.4	0.547	-0.322	-30.5	0.634
248764.3	843205.0	119.1	8.811	4.067	24.8	9.704	4.1	7.722	1.143	0.262	12.9	1.173	0.4	0.569	-0.323	-29.6	0.655
248763.7	843205.8	119.1	9.044	4.169	24.7	9.958	3.9	7.925	1.179	0.270	12.9	1.210	0.4	0.590	-0.324	-28.8	0.673
248763.2	843206.7	119.1	9.270	4.270	24.7	10.206	3.7	8.122	1.211	0.277	12.9	1.242	0.4	0.610	-0.324	-28.0	0.691
248762.7	843207.6	119.1	9.489	4.371	24.7	10.447	3.5	8.313	1.237	0.283	12.9	1.269	0.4	0.627	-0.324	-27.3	0.706
248762.2	843208.4	119.1	9.698	4.471	24.7	10.679	3.3	8.498	1.259	0.289	12.9	1.291	0.4	0.642	-0.323	-26.7	0.719
248761.7	843209.3	119.1	9.899	4.570	24.8	10.903	3.1	8.676	1.275	0.293	12.9	1.308	0.4	0.655	-0.322	-26.2	0.730
248761.2	843210.2	119.1	10.093	4.670	24.8	11.121	3.0	8.850	1.285	0.295	12.9	1.318	0.4	0.677	-0.323	-25.5	0.750
248760.7	843211.0	119.1	10.271	4.766	24.9	11.323	2.8	9.010	1.289	0.297	13.0	1.322	0.4	0.683	-0.319	-25.1	0.754
248760.2	843211.9	119.1	10.425	4.857	25.0	11.501	2.7	9.152	1.286	0.297	13.0	1.320	0.4	0.659	-0.309	-25.1	0.728
248759.7	843212.8	119.1	10.567	4.946	25.1	11.667	2.6	9.284	1.278	0.296	13.0	1.312	0.4	0.632	-0.298	-25.3	0.699
248759.2	843213.6	119.1	10.696	5.034	25.2	11.822	2.5	9.408	1.263	0.293	13.1	1.297	0.4	0.602	-0.286	-25.4	0.667
248758.7	843214.5	119.1	10.815	5.121	25.3	11.966	2.4	9.522	1.243	0.289	13.1	1.276	0.5	0.570	-0.273	-25.6	0.632
248758.2	843215.3	119.1	10.922	5.208	25.5	12.100	2.3	9.629	1.218	0.283	13.1	1.250	0.5	0.536	-0.259	-25.8	0.595
248757.7	843216.2	119.0	11.019	5.294	25.7	12.225	2.3	9.728	1.187	0.276	13.1	1.219	0.6	0.501	-0.244	-26.0	0.557
248757.2	843217.1	119.0	11.108	5.380	25.8	12.342	2.3	9.821	1.152	0.268	13.1	1.183	0.6	0.464	-0.228	-26.2	0.517
248756.7	843217.9	119.0	11.188	5.466	26.0	12.452	2.3	9.909	1.113	0.258	13.0	1.142	0.8	0.427	-0.211	-26.3	0.476
248756.2	843218.8	119.0	11.262	5.552	26.2	12.557	2.2	9.992	1.070	0.246	13.0	1.098	0.9	0.389	-0.193	-26.4	0.434
248755.7	843219.7	119.0	11.335	5.642	26.5	12.661	2.2	10.076	1.025	0.233	12.8	1.051	1.0	0.357	-0.176	-26.2	0.398
248755.2	843220.5	119.0	11.404	5.733	26.7	12.764	2.2	10.157	0.977	0.219	12.6	1.001	1.2	0.325	-0.157	-25.8	0.360
248754.7	843221.4	119.0	11.472	5.827	26.9	12.867	2.2	10.239	0.926	0.203	12.4	0.948	1.5	0.292	-0.136	-25.1	0.322

Wire low point cross section results between structures [redacted]-8 and [redacted]-9T

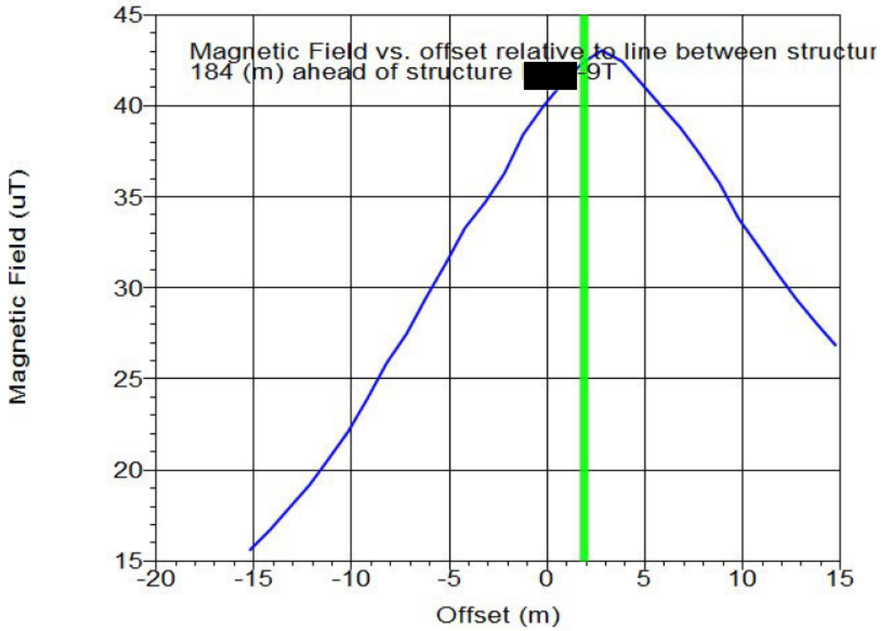


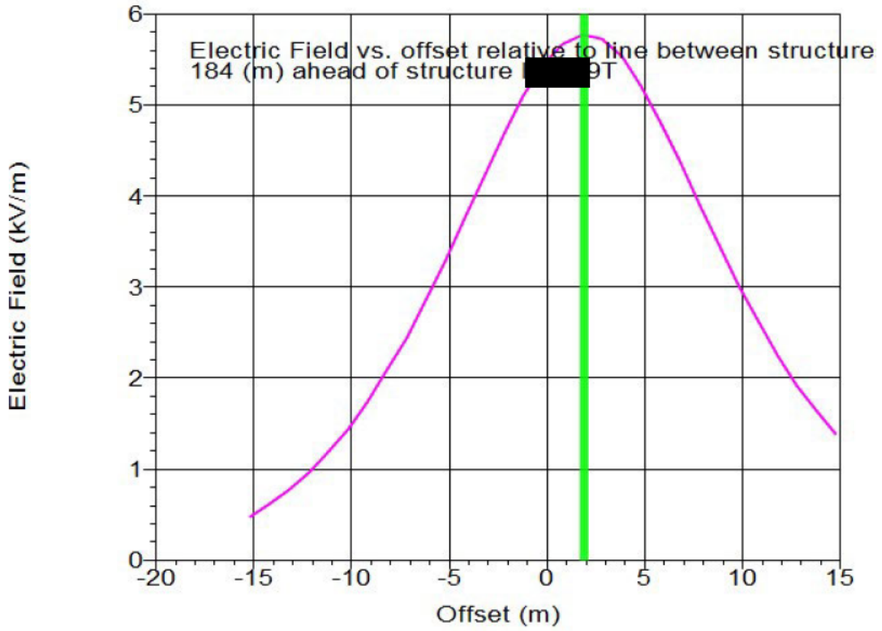


3D EMF Point Results Span from [redacted]-8 to [redacted]-9T:

Measurement			B					H	EF					Space Potential			
X (m)	Y (m)	Z (m)	Real (uT)	Imaginary (uT)	Angle (deg)	Magnitude (uT)	Polarization Axial Ratio %	Magnitude (A/m)	Real (kV/m)	Imaginary (kV/m)	Angle (deg)	Magnitude (kV/m)	Polarization Axial Ratio %	Real (kV)	Imaginary (kV)	Angle (deg)	Magnitude (kV)
248117.0	842519.6	127.2	12.161	5.694	25.1	13.428	11.8	10.686	0.543	0.208	21.0	0.581	2.0	1.368	-0.756	-28.9	1.563
248116.2	842520.2	127.1	12.962	5.962	24.7	14.267	11.7	11.353	0.661	0.247	20.5	0.705	2.2	1.534	-0.804	-27.7	1.732
248115.4	842520.8	127.1	13.819	6.238	24.3	15.162	11.6	12.066	0.796	0.288	19.9	0.846	2.4	1.721	-0.854	-26.4	1.921
248114.6	842521.4	127.1	14.740	6.524	23.9	16.119	11.4	12.827	0.948	0.330	19.2	1.004	2.5	1.934	-0.907	-25.1	2.136
248113.8	842522.0	127.1	15.668	6.795	23.4	17.078	11.2	13.590	1.119	0.374	18.5	1.180	2.5	2.117	-0.941	-24.0	2.317
248113.0	842522.6	127.0	16.640	7.067	23.0	18.079	10.8	14.387	1.310	0.419	17.7	1.375	2.5	2.305	-0.969	-22.8	2.501
248112.2	842523.2	126.9	17.652	7.339	22.6	19.117	10.4	15.213	1.520	0.463	16.9	1.589	2.4	2.496	-0.991	-21.7	2.686
248111.4	842523.8	126.9	18.696	7.608	22.1	20.185	9.9	16.063	1.749	0.507	16.2	1.821	2.3	2.685	-1.006	-20.5	2.867
248110.6	842524.4	126.8	19.776	7.878	21.7	21.287	9.3	16.940	1.995	0.550	15.4	2.069	2.2	2.884	-1.019	-19.5	3.058
248109.8	842525.0	126.8	20.891	8.148	21.3	22.424	8.7	17.844	2.255	0.590	14.7	2.331	2.0	3.105	-1.032	-18.4	3.272
248109.0	842525.6	126.7	21.951	8.394	20.9	23.501	8.0	18.702	2.522	0.627	14.0	2.598	1.8	3.254	-1.024	-17.5	3.411
248108.2	842526.2	126.6	22.973	8.627	20.6	24.539	7.2	19.528	2.789	0.661	13.3	2.866	1.6	3.371	-1.006	-16.6	3.518
248107.3	842526.8	126.6	23.931	8.844	20.3	25.512	6.3	20.302	3.047	0.690	12.8	3.124	1.4	3.446	-0.981	-15.9	3.582
248106.5	842527.4	126.5	24.795	9.041	20.0	26.392	5.4	21.002	3.285	0.715	12.3	3.362	1.2	3.469	-0.948	-15.3	3.596
248105.7	842527.9	126.4	25.505	9.210	19.9	27.117	4.4	21.579	3.491	0.735	11.9	3.567	1.0	3.395	-0.900	-14.8	3.512
248104.9	842528.5	126.3	26.079	9.359	19.7	27.707	3.5	22.049	3.654	0.751	11.6	3.730	0.8	3.275	-0.850	-14.6	3.383
248104.1	842529.1	126.3	26.482	9.484	19.7	28.129	2.5	22.384	3.763	0.763	11.5	3.840	0.6	3.093	-0.796	-14.4	3.194
248103.3	842529.7	126.2	26.703	9.583	19.7	28.370	1.7	22.576	3.813	0.769	11.4	3.890	0.5	2.855	-0.738	-14.5	2.949
248102.5	842530.3	126.1	26.737	9.656	19.9	28.427	1.1	22.622	3.799	0.772	11.5	3.877	0.4	2.571	-0.678	-14.8	2.659
248101.7	842530.9	126.1	26.608	9.709	20.0	28.324	1.2	22.540	3.724	0.769	11.7	3.802	0.4	2.276	-0.620	-15.2	2.359
248100.9	842531.5	126.0	26.315	9.737	20.3	28.059	1.9	22.329	3.591	0.761	12.0	3.671	0.4	1.965	-0.561	-15.9	2.044
248100.1	842532.1	125.9	25.880	9.742	20.6	27.653	2.7	22.005	3.410	0.749	12.4	3.491	0.4	1.653	-0.503	-16.9	1.728
248099.3	842532.7	125.9	25.338	9.728	21.0	27.141	3.5	21.598	3.191	0.730	12.9	3.274	0.4	1.365	-0.448	-18.2	1.437
248098.5	842533.3	125.8	24.711	9.698	21.4	26.546	4.2	21.124	2.947	0.706	13.5	3.030	0.3	1.106	-0.397	-19.7	1.175
248097.7	842533.9	125.7	24.016	9.650	21.9	25.883	4.8	20.597	2.687	0.677	14.1	2.771	0.3	0.872	-0.346	-21.7	0.939
248096.9	842534.5	125.7	23.281	9.589	22.4	25.179	5.4	20.037	2.422	0.643	14.9	2.506	0.2	0.670	-0.299	-24.1	0.734
248096.1	842535.1	125.6	22.554	9.526	22.9	24.484	5.9	19.483	2.160	0.604	15.6	2.243	0.1	0.534	-0.264	-26.3	0.596
248095.3	842535.6	125.6	21.830	9.458	23.4	23.791	6.4	18.932	1.908	0.561	16.4	1.989	0.1	0.434	-0.236	-28.5	0.494
248094.5	842536.2	125.6	21.113	9.383	24.0	23.104	6.7	18.385	1.670	0.514	17.1	1.748	0.2	0.353	-0.209	-30.7	0.410
248093.7	842536.8	125.5	20.407	9.301	24.5	22.427	7.0	17.847	1.449	0.465	17.8	1.522	0.3	0.281	-0.182	-33.0	0.335
248092.8	842537.4	125.4	19.658	9.184	25.0	21.698	7.1	17.267	1.245	0.414	18.4	1.312	0.5	0.145	-0.131	-42.1	0.196

Wire low point cross section results between structures [redacted]9T and [redacted]-10





3D EMF Point Results Span from [redacted]9T to [redacted]-10:

Measurement			B					H	EF					Space Potential				
X (m)	Y (m)	Z (m)	Real (uT)	Imaginary (uT)	Angle (deg)	Magnitude (uT)	Polarization Axial Ratio %	Magnitude (A/m)	Real (kV/m)	Imaginary (kV/m)	Angle (deg)	Magnitude (kV/m)	Polarization Axial Ratio %	Real (kV)	Imaginary (kV)	Angle (deg)	Magnitude (kV)	
247816.9	842210.7	137.7	14.110	6.634	25.2	15.592	13.7	12.408	0.410	0.243	30.6	0.477	4.9	0.415	-0.270	-33.1	0.495	
247816.3	842211.5	137.7	15.170	6.988	24.7	16.702	13.7	13.291	0.541	0.294	28.6	0.616	4.3	0.556	-0.323	-30.1	0.643	
247815.7	842212.3	137.7	16.294	7.340	24.3	17.871	13.6	14.221	0.695	0.350	26.7	0.778	3.8	0.698	-0.367	-27.7	0.789	
247815.2	842213.1	137.7	17.526	7.711	23.7	19.148	13.5	15.237	0.877	0.409	25.0	0.968	3.5	0.869	-0.416	-25.6	0.964	
247814.6	842214.0	137.6	18.876	8.099	23.2	20.540	13.2	16.345	1.091	0.471	23.3	1.188	3.3	1.075	-0.470	-23.6	1.173	
247814.0	842214.8	137.7	20.407	8.524	22.7	22.116	12.9	17.599	1.341	0.535	21.7	1.444	3.2	1.375	-0.551	-21.8	1.481	
247813.4	842215.6	137.7	22.135	8.984	22.1	23.889	12.6	19.010	1.631	0.601	20.2	1.738	3.3	1.792	-0.658	-20.2	1.909	
247812.8	842216.4	137.8	24.024	9.457	21.5	25.818	12.1	20.545	1.964	0.666	18.7	2.074	3.4	2.299	-0.774	-18.6	2.426	
247812.3	842217.2	137.7	25.711	9.820	20.9	27.522	11.4	21.901	2.334	0.728	17.3	2.445	3.0	2.541	-0.782	-17.1	2.658	

247811.7	842218.0	137.7	27.609	10.220	20.3	29.440	10.6	23.428	2.747	0.788	16.0	2.857	2.8	2.930	-0.824	-15.7	3.044
247811.1	842218.8	137.7	29.543	10.603	19.7	31.388	9.7	24.978	3.194	0.842	14.8	3.303	2.6	3.311	-0.851	-14.4	3.419
247810.5	842219.7	137.6	31.409	10.948	19.2	33.262	8.7	26.469	3.664	0.889	13.6	3.770	2.2	3.608	-0.849	-13.2	3.706
247810.0	842220.5	137.5	32.836	11.178	18.8	34.686	7.5	27.602	4.131	0.929	12.7	4.234	1.8	3.465	-0.745	-12.1	3.544
247809.4	842221.3	137.4	34.427	11.458	18.4	36.283	6.3	28.873	4.585	0.962	11.8	4.685	1.5	3.582	-0.712	-11.2	3.652
247808.8	842222.1	137.5	36.571	11.872	18.0	38.450	5.1	30.597	5.009	0.989	11.2	5.105	1.5	4.447	-0.836	-10.6	4.525
247808.2	842222.9	137.5	38.086	12.166	17.7	39.982	3.7	31.817	5.344	1.008	10.7	5.439	1.3	4.860	-0.871	-10.2	4.938
247807.6	842223.7	137.6	39.311	12.433	17.6	41.230	2.4	32.810	5.571	1.023	10.4	5.664	1.3	5.248	-0.915	-9.9	5.327
247807.1	842224.6	137.7	40.405	12.713	17.5	42.358	1.3	33.708	5.674	1.034	10.3	5.767	1.3	5.821	-1.011	-9.9	5.908
247806.5	842225.4	137.7	41.025	12.947	17.5	43.019	1.4	34.234	5.633	1.041	10.5	5.729	1.5	6.247	-1.104	-10.0	6.344
247805.9	842226.2	137.7	40.384	12.979	17.8	42.418	2.6	33.755	5.428	1.042	10.9	5.527	1.6	5.759	-1.050	-10.3	5.853
247805.3	842227.0	137.6	39.154	12.923	18.3	41.232	3.9	32.811	5.104	1.038	11.5	5.208	1.7	4.988	-0.953	-10.8	5.079
247804.7	842227.8	137.6	37.929	12.892	18.8	40.060	5.1	31.878	4.705	1.026	12.3	4.816	1.9	4.489	-0.916	-11.5	4.582
247804.2	842228.6	137.6	36.612	12.856	19.3	38.804	6.4	30.879	4.259	1.007	13.3	4.376	2.2	4.112	-0.907	-12.4	4.211
247803.6	842229.4	137.6	35.111	12.780	20.0	37.365	7.5	29.734	3.791	0.978	14.5	3.915	2.5	3.700	-0.890	-13.5	3.806
247803.0	842230.3	137.6	33.449	12.652	20.7	35.762	8.5	28.459	3.326	0.941	15.8	3.456	2.7	3.219	-0.846	-14.7	3.328
247802.4	842231.1	137.5	31.475	12.404	21.5	33.831	9.3	26.922	2.879	0.894	17.3	3.015	2.5	2.458	-0.699	-15.9	2.555
247801.9	842231.9	137.5	29.831	12.224	22.3	32.238	10.0	25.654	2.472	0.842	18.8	2.611	2.6	2.050	-0.636	-17.2	2.147
247801.3	842232.7	137.5	28.280	12.039	23.1	30.736	10.6	24.459	2.105	0.784	20.4	2.246	2.7	1.718	-0.580	-18.7	1.814
247800.7	842233.5	137.5	26.840	11.858	23.8	29.343	11.1	23.350	1.780	0.723	22.1	1.922	2.8	1.455	-0.535	-20.2	1.551
247800.1	842234.3	137.5	25.466	11.661	24.6	28.009	11.4	22.289	1.497	0.661	23.8	1.636	2.7	1.200	-0.477	-21.7	1.291
247799.5	842235.2	137.5	24.250	11.493	25.4	26.836	11.7	21.355	1.253	0.598	25.5	1.388	2.8	1.034	-0.445	-23.3	1.126

Appendix C PROFILE DRAWING OF THE PROPOSED DESIGN

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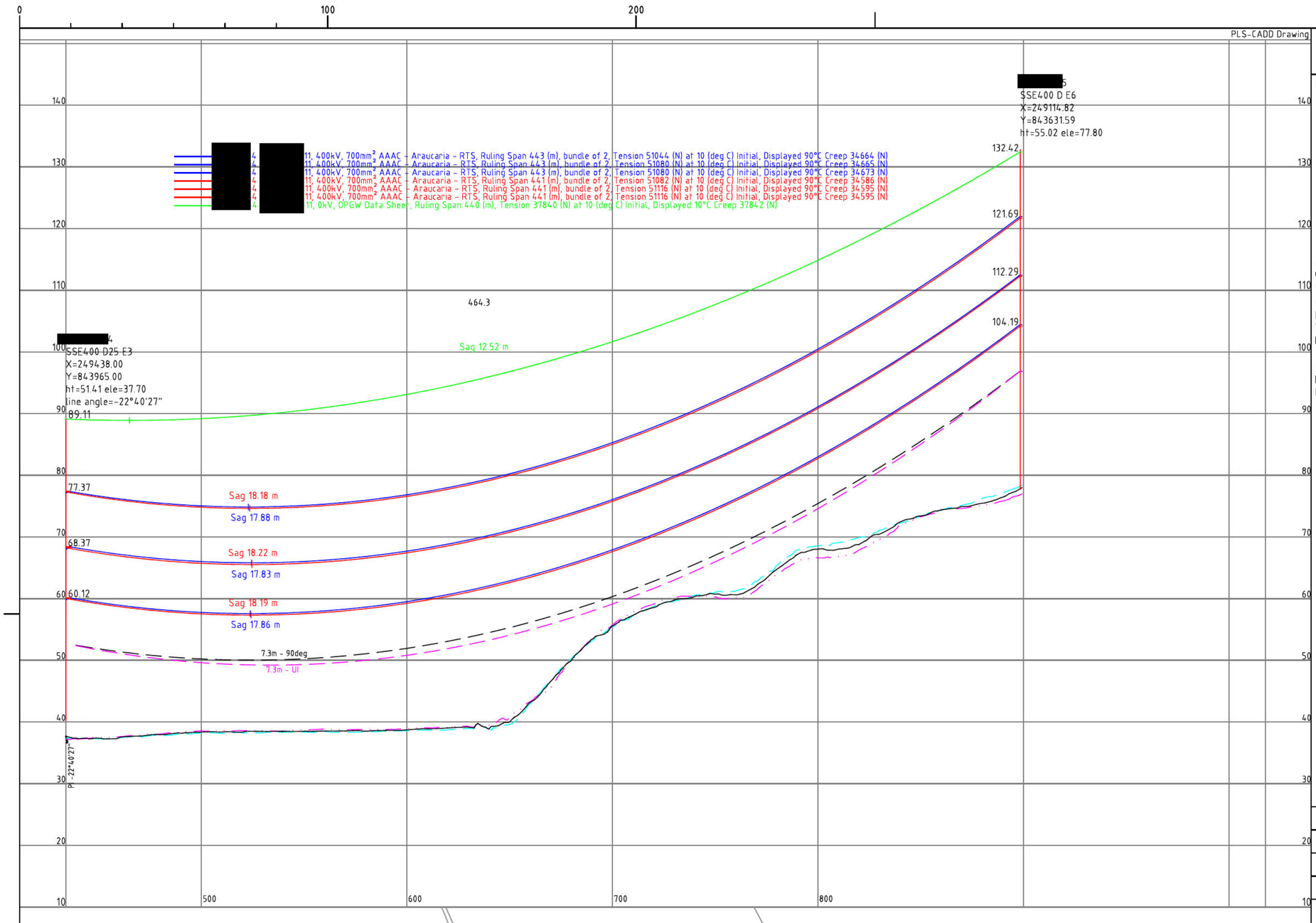
Scottish & Southern Electricity Networks



A2 | CAD

LEGEND

- BN1 CIRCUIT
- BG1 CIRCUIT
- EARTHWIRE AACSR OPGW
- CLEARANCE LINE 7.3m, 90°C
- CLEARANCE LINE 7.3m, ULTIMATE ICE
- GROUNDLINE
- SIDE SLOPE AT 8.55m LEFT
- SIDE SLOPE AT 8.55m RIGHT
- RIVERS, PONDS AND STREAMS
- ROADS
- TRACKS
- BUILDINGS AND HOUSES
- CROSSING POWER LINES
- TREES/VEGETATION
- LAMP POSTS/SIGNAGE

AAAC ARAUCARIA CONDUCTOR PROPERTIES
OVERALL DIAMETER: 37.26mm
COEFFICIENT OF LINEAR EXPANSION: 2.30 E-05/1°C
CROSS SECTIONAL AREA: 821.15mm²
NOMINAL BREAKING LOAD: 230kN
TOTAL MASS: 2348kg/km
DISPLAY TEMPERATURE: 90°C

AACSR OPGW EARTHWIRE PROPERTIES
OVERALL DIAMETER: 23.8mm
COEFFICIENT OF LINEAR EXPANSION: 1.46E-05 / 1°C
CROSS SECTIONAL AREA: 317.77mm²
NOMINAL BREAKING LOAD: 278.5kN
TOTAL MASS: 1782kg/km
DISPLAY TEMPERATURE: 10°C

ARAUCARIA CONDUCTOR SAGGING BASIS
EDT: 20% of RTS @ 5°C
MET:25% of RTS @ -20°C

ACSR OPGW EARTHWIRE SAGGING BASIS
SAGGED TO MATCH CONDUCTOR AT 5°C

TABLE OF CLEARANCES (400kV)

OBJECT	MINIMUM CLEARANCE	SPECIFICATION ENA TS 43-8.
GROUND	7.3m	TABLE 1, ITEM 1
ROADS	8.1m	TABLE 1, ITEM 2
BUILDINGS	5.3m	TABLE 2, ITEM 1
TREES	5.3m	TABLE 2, ITEM 3 (ii)
STREET LIGHTING	4.0m	TABLE 2, ITEM 6 (i)
POWERLINE CROSSING	4.4m	TABLE 5, ITEM 1

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2. MAPPING DATA SUPPLIED BY SSE, DECEMBER 2023
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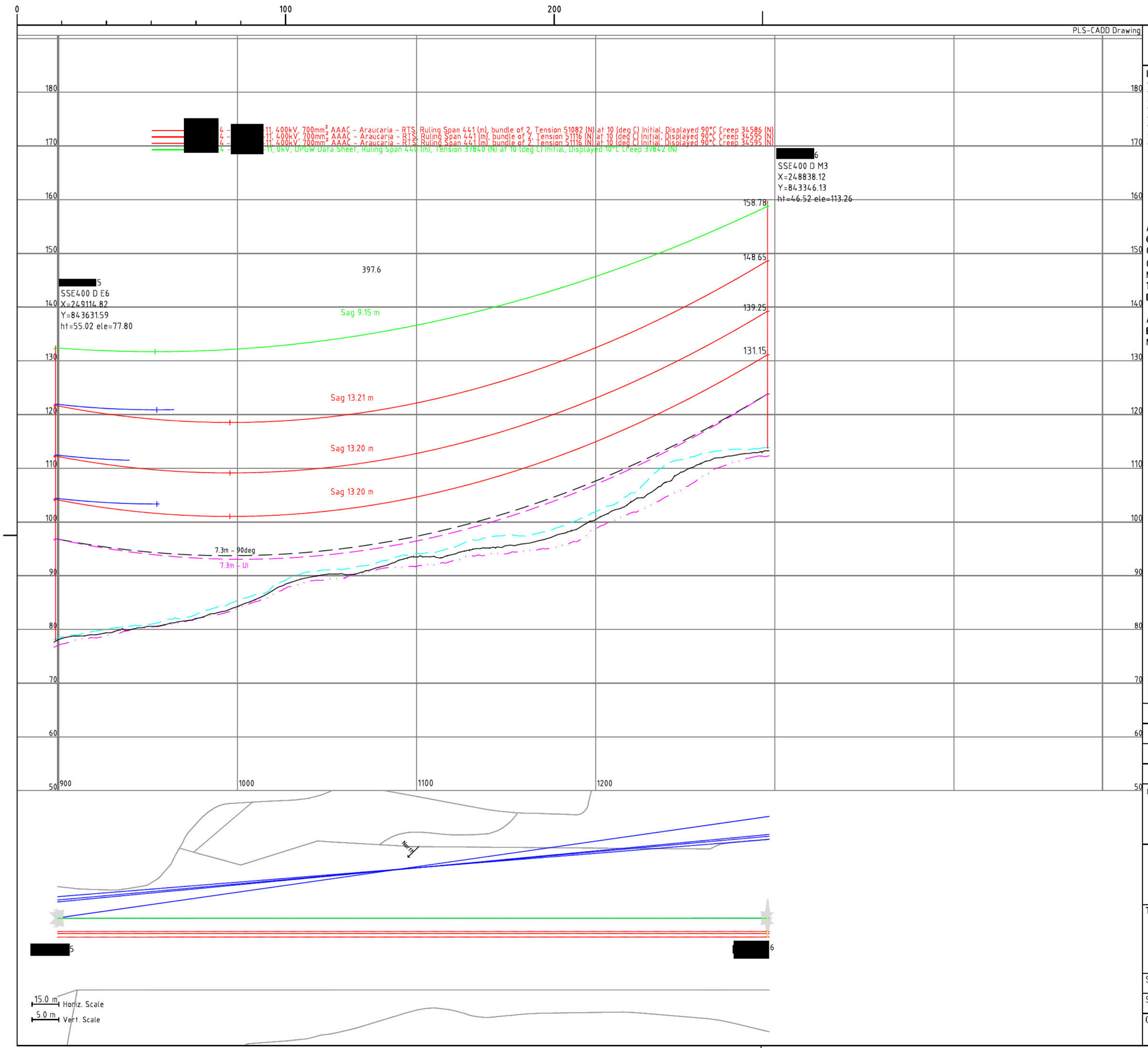
DATE	18/04/2024			REMARKS
ISSUE	P02	CHECKED	AA	CIRCUIT COLOURS CHANGED
DRAWN	PWH	APPROVED	DA	
SSE SCHEME No.	LT459			

CLIENT: Scottish & Southern Electricity Networks

MORRISON Energy Services — A part of MGroupServices — www.morrisones.com

TITLE
BEAULY 400kV TIE IN
PLAN & PROFILE TEMPORARY ARRANGEMENT
TOWERS [redacted] 4 - [redacted] 5

SITE	BEAULY 400kV TIE IN		ISSUE P02
SSE DRAWING NUMBER	LT459-MES-OHLTA-ZZ-D-EO-4001-P02		
ORIGINATOR DRAWING NUMBER	2637010.01/4001	SHEET No. 1	No. OF SHEETS 11
		SCALE:- 1:15 HORIZ. 1:5 VERT.	



A2 | CAD

LEGEND

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- BG1 CIRCUIT
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- TREES/VEGETATION
- LAMP POSTS/SIGNAGE

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TOTAL MASS: 2348kg/km
DISPLAY TEMPERATURE: 90°C

AACSR OPGW EARTHWIRE PROPERTIES
OVERALL DIAMETER: 23.8mm
COEFFICIENT OF LINEAR EXPANSION: 1.46E-05 / 1°C
CROSS SECTIONAL AREA: 317.77mm²
NOMINAL BREAKING LOAD: 278.5kN
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DATE	18/04/2024			REMARKS
ISSUE	P02	CHECKED	AA	CIRCUIT COLOURS CHANGED
DRAWN	PWH	APPROVED	DA	
SSE SCHEME No.	LT459			

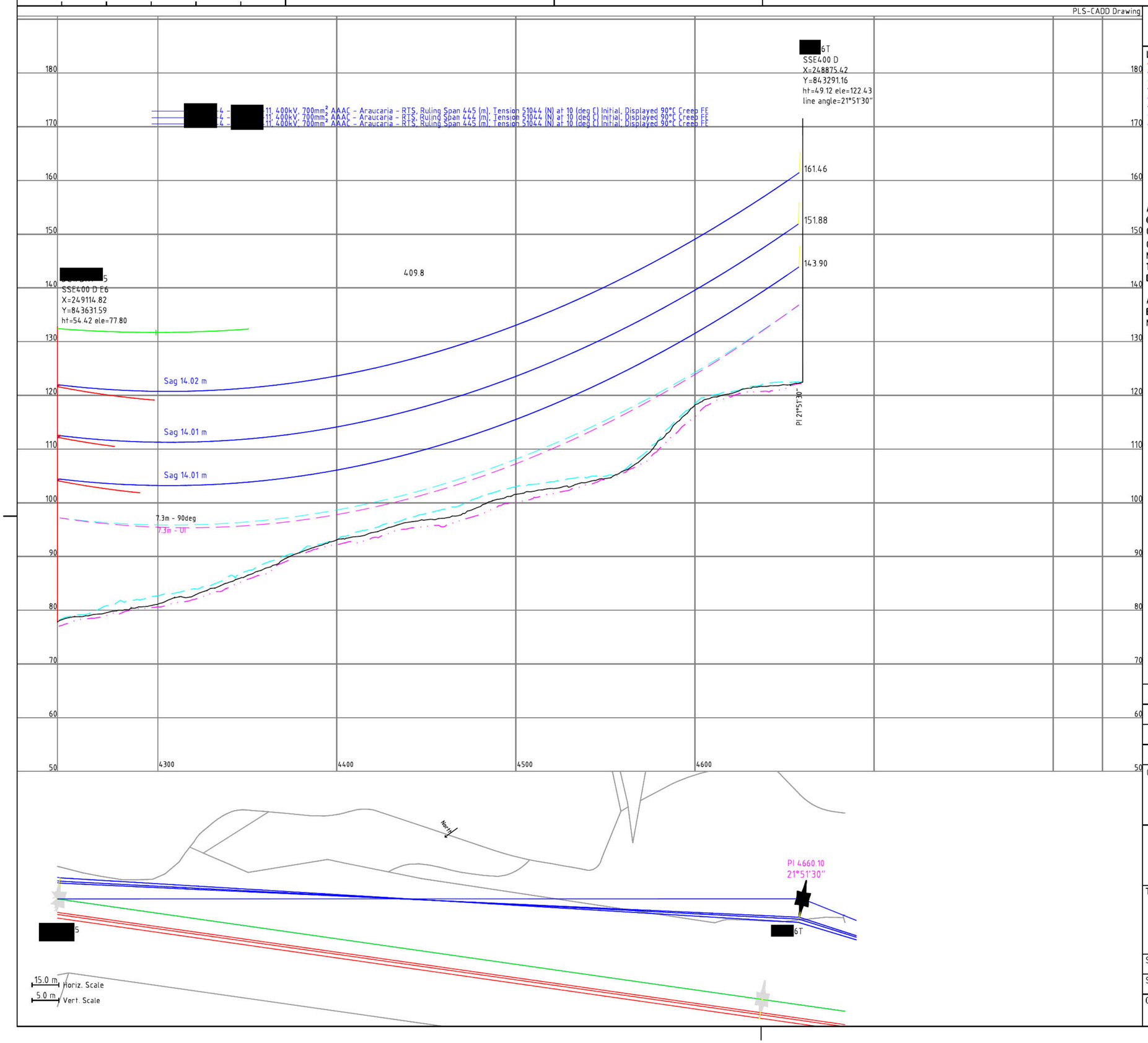
CLIENT
Scottish & Southern Electricity Networks

MORRISON Energy Services
A part of MGroup Services
www.morrisones.com

TITLE
BEAULY 400kV TIE IN
PLAN & PROFILE TEMPORARY ARRANGEMENT
TOWERS [redacted] 5 - [redacted] 6

SITE	BEAULY 400kV TIE IN	ISSUE P02
SSE DRAWING NUMBER	LT459-MES-OHLTA-ZZ-D-EO-4001-P02	
ORIGINATOR DRAWING NUMBER	2637010.01/4001	SHEET No. 2 / No. OF SHEETS 11
		SCALE:- 1:15 HORIZ. 1:5 VERT.

PLS-CADD Drawing



A2 | CAD

LEGEND

- BN1 CIRCUIT
- BG1 CIRCUIT
- EARTHWIRE AACSR OPGW
- CLEARANCE LINE 7.3m, 90°C
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- GROUNDLINE
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- TREES/VEGETATION
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TOTAL MASS: 2348kg/km
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OVERALL DIAMETER: 23.8mm
COEFFICIENT OF LINEAR EXPANSION: 1.46E-05 / 1°C
CROSS SECTIONAL AREA: 317.77mm²
NOMINAL BREAKING LOAD: 278.5kN
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SAGGED TO MATCH CONDUCTOR AT 5°C

TABLE OF CLEARANCES (400kV)

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2. MAPPING DATA SUPPLIED BY SSE, DECEMBER 2023
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DATE	18/04/2024			REMARKS
ISSUE	P02	CHECKED	AA	CIRCUIT COLOURS CHANGED
DRAWN	PWH	APPROVED	DA	
SSE SCHEME No.	LT459			

CLIENT

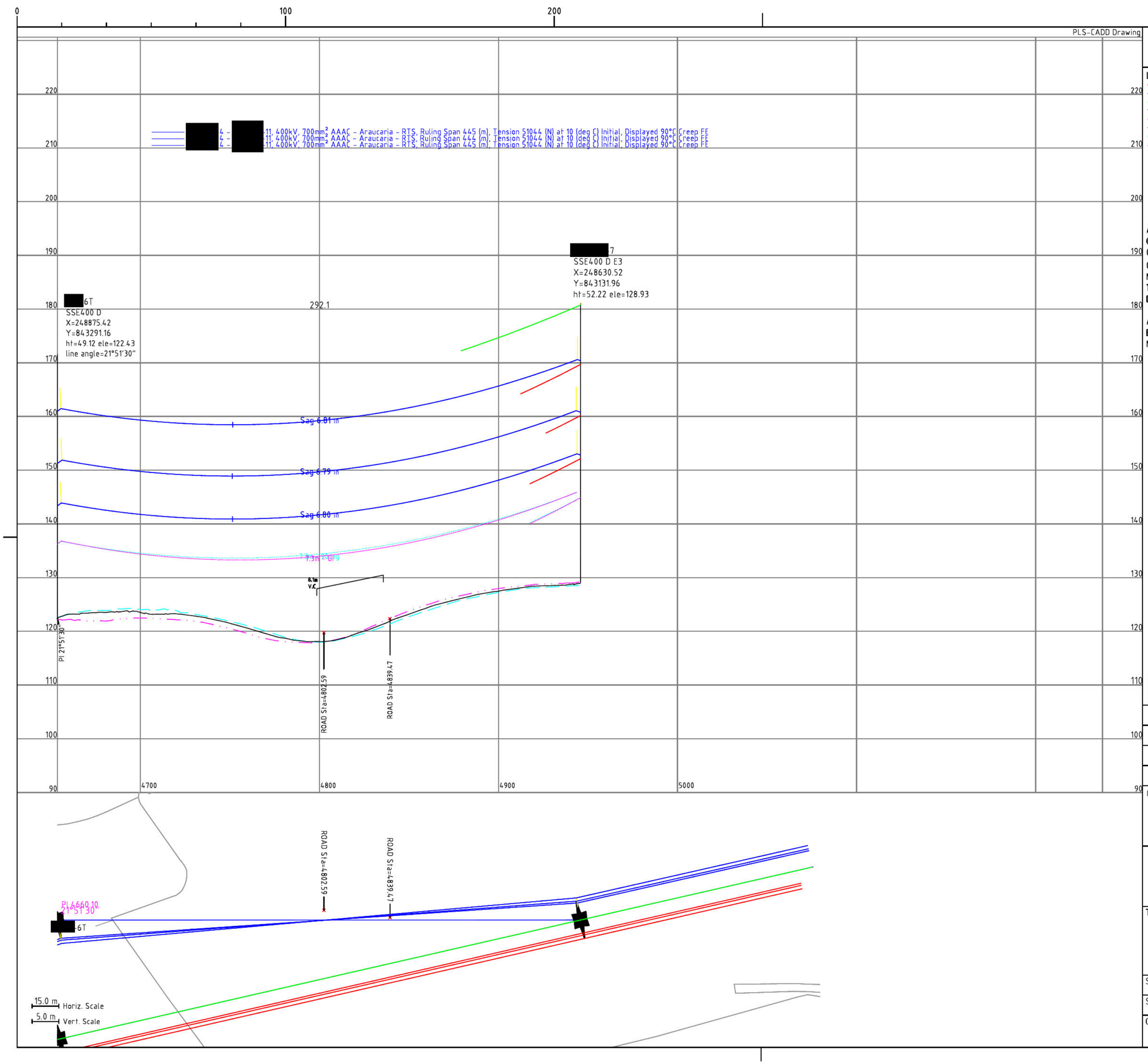
Scottish & Southern Electricity Networks

MORRISON Energy Services
A part of MGroupServices
www.morrisones.com

TITLE

BEAULY 400kV TIE IN
PLAN & PROFILE TEMPORARY ARRANGEMENT
TOWERS 5 - 6T

SITE	BEAULY 400kV TIE IN	ISSUE P02
SSE DRAWING NUMBER	LT459-MES-OHLTA-ZZ-D-EO-4001-P02	
ORIGINATOR DRAWING NUMBER	2637010.01/4001	SHEET No. 3 / No. OF SHEETS 11
		SCALE:- 1:15 HORIZ. 1:5 VERT.



A2 | CAD

LEGEND

- BN1 CIRCUIT
- BG1 CIRCUIT
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- CLEARANCE LINE 7.3m, 90°C
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DISPLAY TEMPERATURE: 90°C

AACSR OPGW EARTHWIRE PROPERTIES
OVERALL DIAMETER: 23.8mm
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CROSS SECTIONAL AREA: 317.77mm²
NOMINAL BREAKING LOAD: 278.5kN
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EDT: 20% of RTS @ 5°C
MET:25% of RTS @ -20°C

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ISSUE	P02	CHECKED	AA	CIRCUIT COLOURS CHANGED
DRAWN	PWH	APPROVED	DA	
SSE SCHEME No.	LT459			

CLIENT
Scottish & Southern Electricity Networks

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TITLE
BEAULY 400kV TIE IN
PLAN & PROFILE TEMPORARY ARRANGEMENT
TOWERS [redacted]6T - [redacted]7

SITE	BEAULY 400kV TIE IN	ISSUE
SSE DRAWING NUMBER	LT459-MES-OHLTA-ZZ-D-EO-4001-P02	P02
ORIGINATOR DRAWING NUMBER	2637010.01/4001	SHEET No. 4 / No. OF SHEETS 11
		SCALE:- 1:15 HORIZ. 1:5 VERT.

PLS-CADD Drawing

A2 | CAD

4 - [redacted]11, 400kV, 700mm² AAAC - Araucaria - RTS, Ruling Span 443 (m), bundle of 2, Tension 51044 (N) at 10 (deg C) Initial, Displayed 90°C Creep 34664 (N)
4 - [redacted]11, 400kV, 700mm² AAAC - Araucaria - RTS, Ruling Span 443 (m), bundle of 2, Tension 51080 (N) at 10 (deg C) Initial, Displayed 90°C Creep 34663 (N)
4 - [redacted]11, 400kV, 700mm² AAAC - Araucaria - RTS, Ruling Span 443 (m), bundle of 2, Tension 51080 (N) at 10 (deg C) Initial, Displayed 90°C Creep 34673 (N)
4 - [redacted]11, 400kV, 700mm² AAAC - Araucaria - RTS, Ruling Span 441 (m), bundle of 2, Tension 51082 (N) at 10 (deg C) Initial, Displayed 90°C Creep 34586 (N)
4 - [redacted]11, 400kV, 700mm² AAAC - Araucaria - RTS, Ruling Span 441 (m), bundle of 2, Tension 51116 (N) at 10 (deg C) Initial, Displayed 90°C Creep 34595 (N)
4 - [redacted]11, 400kV, 700mm² AAAC - Araucaria - RTS, Ruling Span 441 (m), bundle of 2, Tension 51116 (N) at 10 (deg C) Initial, Displayed 90°C Creep 34595 (N)
4 - [redacted]11, 0kV, OPGW Data Sheet, Ruling Span 440 (m), Tension 37840 (N) at 10 (deg C) Initial, Displayed 10°C Creep 37842 (N)

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Y=843131.96
ht=52.22 ele=128.93

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180.14
170.01
160.61
152.51

[redacted]6
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X=248838.12
Y=843346.13
ht=46.52 ele=113.26

Sag 5.15 m
Sag 7.43 m
Sag 7.43 m
Sag 7.43 m
7.3m - 90deg
7.3m - UI
V.C
ROAD Sta=142151
ROAD Sta=142393

1300 1400 1500

ROAD Sta=143947
North
[redacted]6
[redacted]7
ROAD Sta=142151
ROAD Sta=142393
15.0 m Horiz. Scale
5.0 m Vert. Scale

LEGEND
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- BG1 CIRCUIT
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REFERENCES:
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2. MAPPING DATA SUPPLIED BY SSE, DECEMBER 2023
3. ENA TS 43-8, ISSUE 5, SSEN TG-NET-OHL-519

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DATE	18/04/2024			REMARKS
ISSUE	P02	CHECKED	AA	CIRCUIT COLOURS CHANGED
DRAWN	PWH	APPROVED	DA	
SSE SCHEME No.	LT459			

CLIENT
Scottish & Southern Electricity Networks

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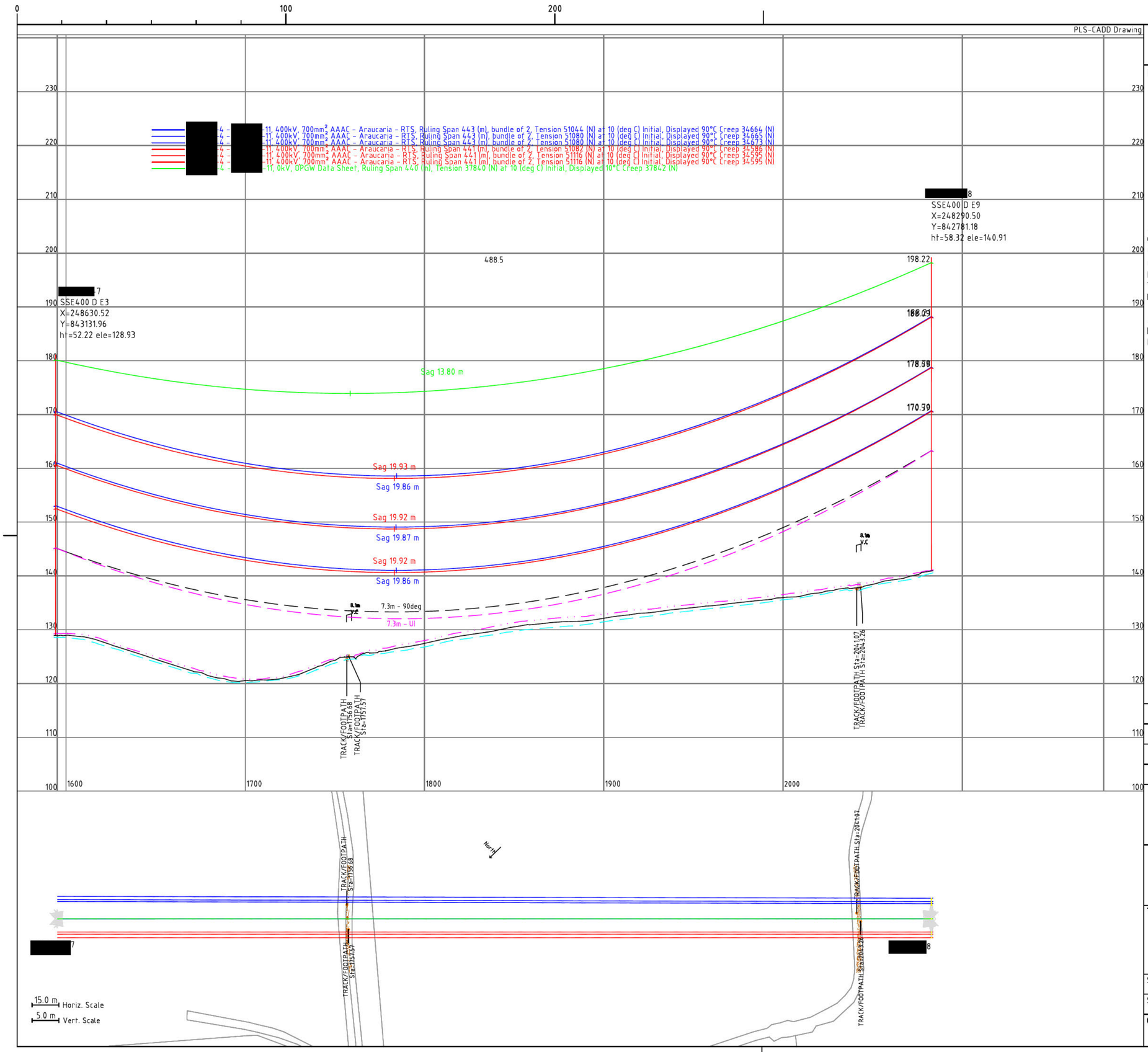
TITLE
BEAULY 400kV TIE IN
PLAN & PROFILE TEMPORARY ARRANGEMENT
TOWERS [redacted]6 - [redacted]7

SITE	BEAULY 400kV TIE IN	ISSUE P02
SSE DRAWING NUMBER	LT459-MES-OHLTA-ZZ-D-EO-4001-P02	
ORIGINATOR DRAWING NUMBER	2637010.01/4001	SHEET No. 5 / No. OF SHEETS 11
		SCALE:- 1:15 HORIZ. 1:5 VERT.



A2 | CAD

LEGEND

- BN1 CIRCUIT
- BG1 CIRCUIT
- EARTHWIRE AACSR OPGW
- CLEARANCE LINE 7.3m, 90°C
- CLEARANCE LINE 7.3m, ULTIMATE ICE
- GROUNDLINE
- SIDE SLOPE AT 8.55m LEFT
- SIDE SLOPE AT 8.55m RIGHT
- RIVERS, PONDS AND STREAMS
- ROADS
- TRACKS
- BUILDINGS AND HOUSES
- CROSSING POWER LINES
- TREES/VEGETATION
- LAMP POSTS/SIGNAGE

AAAC ARAUCARIA CONDUCTOR PROPERTIES
OVERALL DIAMETER: 37.26mm
COEFFICIENT OF LINEAR EXPANSION: 2.30 E-05/1°C
CROSS SECTIONAL AREA: 821.15mm²
NOMINAL BREAKING LOAD: 230kN
TOTAL MASS: 2348kg/km
DISPLAY TEMPERATURE: 90°C

ARAUCARIA CONDUCTOR SAGGING BASIS
EDT: 20% of RTS @ 5°C
MET:25% of RTS @ -20°C

AACSR OPGW EARTHWIRE PROPERTIES
OVERALL DIAMETER: 23.8mm
COEFFICIENT OF LINEAR EXPANSION: 1.46E-05 / 1°C
CROSS SECTIONAL AREA: 317.77mm²
NOMINAL BREAKING LOAD: 278.5kN
TOTAL MASS: 1782kg/km
DISPLAY TEMPERATURE: 10°C

ACSR OPGW EARTHWIRE SAGGING BASIS
SAGGED TO MATCH CONDUCTOR AT 5°C

TABLE OF CLEARANCES (400kV)

OBJECT	MINIMUM CLEARANCE	SPECIFICATION ENA TS 43-8.
GROUND	7.3m	TABLE 1, ITEM 1
ROADS	8.1m	TABLE 1, ITEM 2
BUILDINGS	5.3m	TABLE 2, ITEM 1
TREES	5.3m	TABLE 2, ITEM 3 (ii)
STREET LIGHTING	4.0m	TABLE 2, ITEM 6 (i)
POWERLINE CROSSING	4.4m	TABLE 5, ITEM 1

GENERAL NOTES:
1. CLEARANCES TO ENA TS 43-8 ISSUE 5 & SSEN TG-NET-OHL-519.
2. ALL MEASUREMENTS IN METRES.
3. FOR DEVIATIONS: A NEGATIVE VALUE INDICATES A LEFT DEVIATION, A POSITIVE VALUE INDICATES A RIGHT DEVIATION.
4. ALL LEVELS GIVEN ARE RELATIVE TO SEA LEVEL.
5. THIS DRAWING IS INTENDED TO BE VIEWED IN COLOUR.
6. PROFILES ARE BASED ON PLS CADD MODEL: "PLS CADD MODEL: FNLN4-LT459-MES-OHLTA-ZZ-M-EO-7601 Rev P03".
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REFERENCES:
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SSE SCHEME No.	LT459			

CLIENT
Scottish & Southern Electricity Networks

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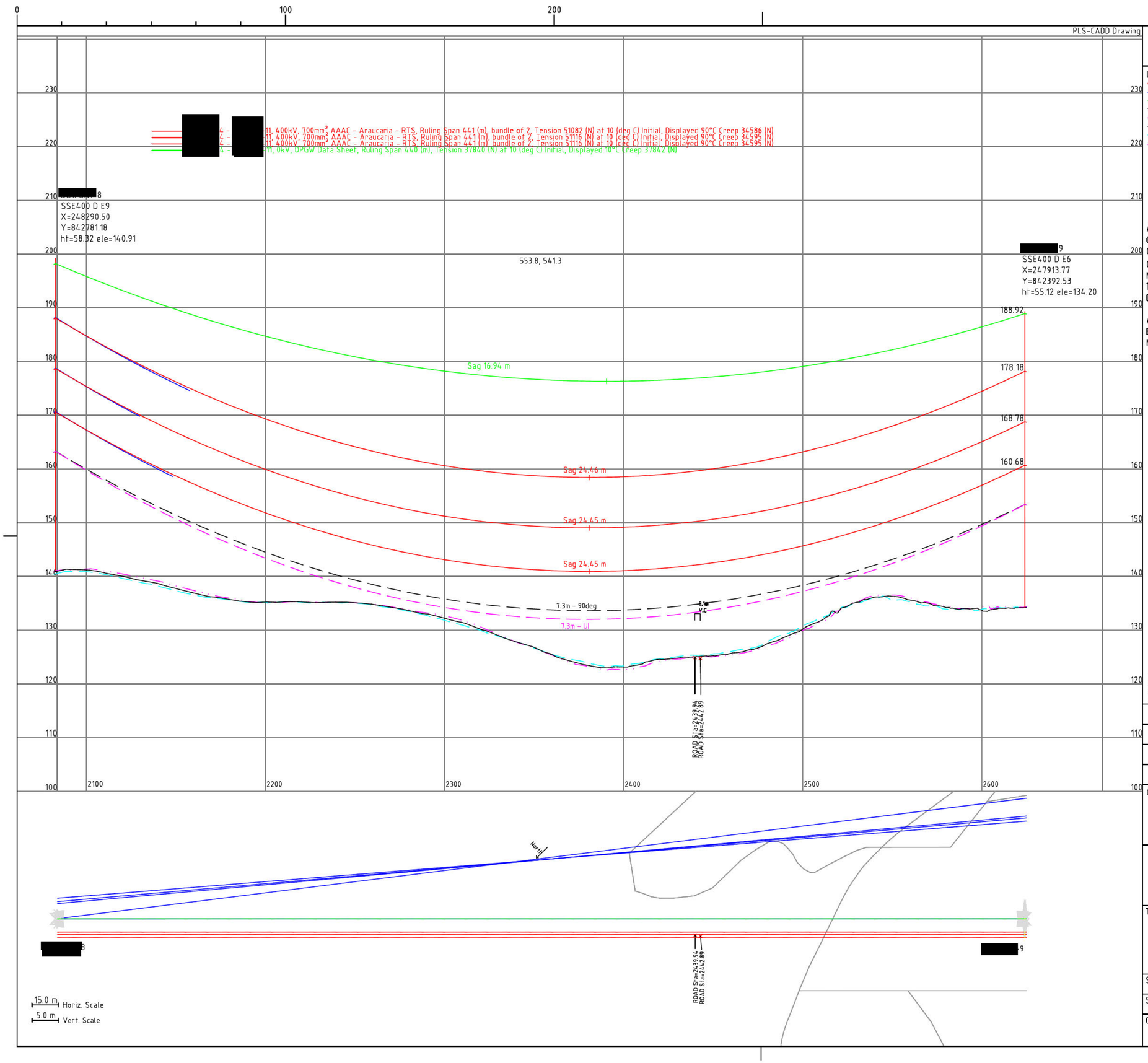
TITLE
BEAULY 400kV TIE IN
PLAN & PROFILE TEMPORARY ARRANGEMENT
TOWERS [redacted]7 - [redacted]8

SITE	BEAULY 400kV TIE IN	ISSUE P02
SSE DRAWING NUMBER	LT459-MES-OHLTA-ZZ-D-EO-4001-P02	
ORIGINATOR DRAWING NUMBER	2637010.01/4001	SHEET No. 6 / No. OF SHEETS 11
		SCALE:- 1:15 HORIZ. 1:5 VERT.

PLS-CADD Drawing

A2 | CAD



LEGEND

- BN1 CIRCUIT
- BG1 CIRCUIT
- EARTHWIRE AACSR OPGW
- CLEARANCE LINE 7.3m, 90°C
- CLEARANCE LINE 7.3m, ULTIMATE ICE
- GROUNDLINE
- SIDE SLOPE AT 8.55m LEFT
- SIDE SLOPE AT 8.55m RIGHT
- RIVERS, PONDS AND STREAMS
- ROADS
- TRACKS
- BUILDINGS AND HOUSES
- CROSSING POWER LINES
- TREES/VEGETATION
- LAMP POSTS/SIGNAGE

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CROSS SECTIONAL AREA: 821.15mm²
NOMINAL BREAKING LOAD: 230kN
TOTAL MASS: 2348kg/km
DISPLAY TEMPERATURE: 90°C

AACSR OPGW EARTHWIRE PROPERTIES
OVERALL DIAMETER: 23.8mm
COEFFICIENT OF LINEAR EXPANSION: 1.46E-05 / 1°C
CROSS SECTIONAL AREA: 317.77mm²
NOMINAL BREAKING LOAD: 278.5kN
TOTAL MASS: 1782kg/km
DISPLAY TEMPERATURE: 10°C

ARAUCARIA CONDUCTOR SAGGING BASIS
EDT: 20% of RTS @ 5°C
MET:25% of RTS @ -20°C

ACSR OPGW EARTHWIRE SAGGING BASIS
SAGGED TO MATCH CONDUCTOR AT 5°C

TABLE OF CLEARANCES (400kV)

OBJECT	MINIMUM CLEARANCE	SPECIFICATION ENA TS 43-8.
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GENERAL NOTES:
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DRAWN	PWH	APPROVED	DA	
SSE SCHEME No.	LT459			

CLIENT

Scottish & Southern Electricity Networks

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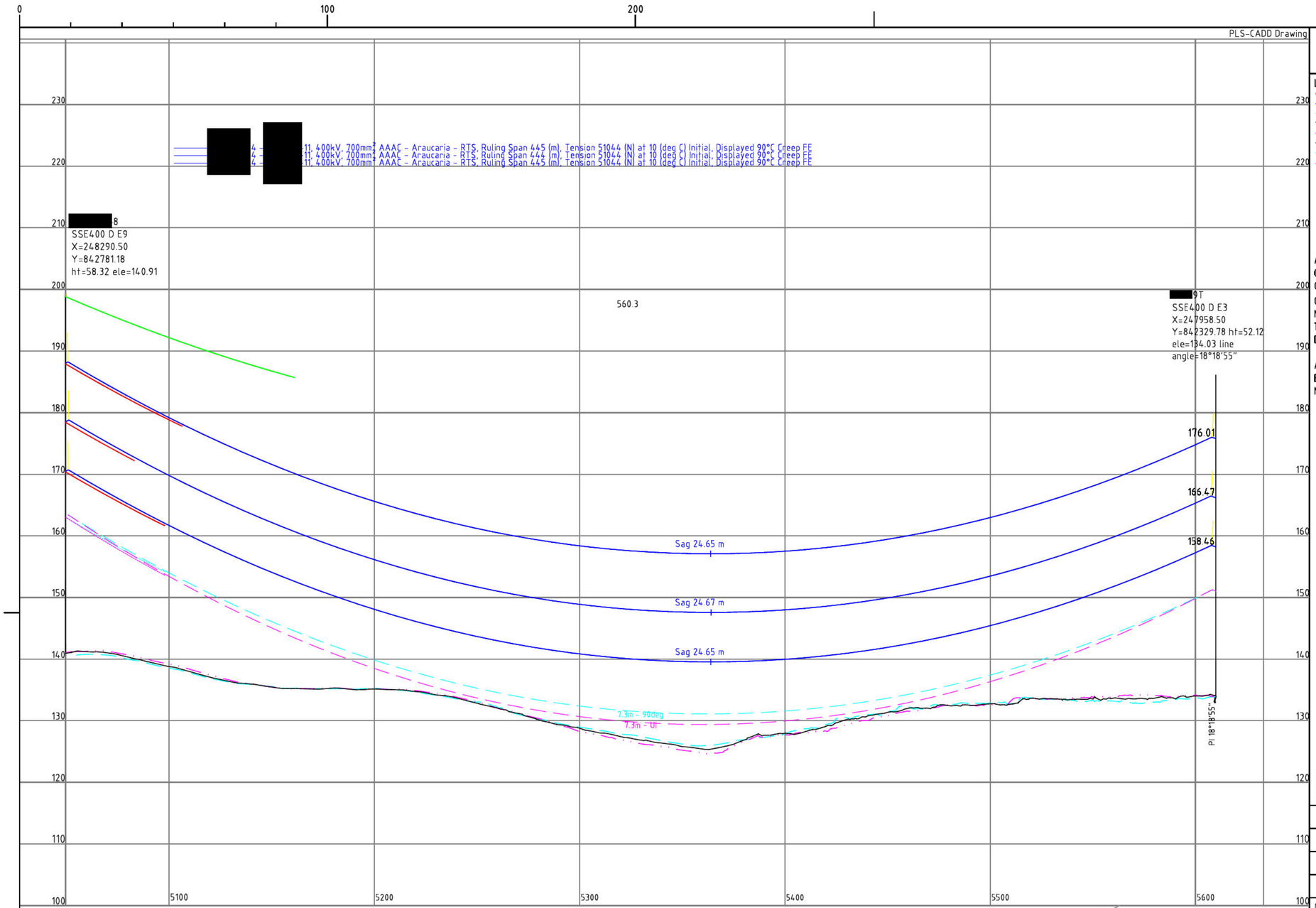
TITLE

BEAULY 400kV TIE IN
PLAN & PROFILE TEMPORARY ARRANGEMENT
TOWERS [redacted]8 - [redacted]9

SITE	BEAULY 400kV TIE IN	ISSUE
SSE DRAWING NUMBER	LT459-MES-OHLTA-ZZ-D-EO-4001-P02	P02
ORIGINATOR DRAWING NUMBER	2637010.01/4001	SHEET No. 7 / No. OF SHEETS 11
		SCALE:- 1:15 HORIZ. 1:5 VERT.



A2 | CAD

LEGEND

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- BG1 CIRCUIT
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NOMINAL BREAKING LOAD: 278.5kN
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EDT: 20% of RTS @ 5°C
MET:25% of RTS @ -20°C

ACSR OPGW EARTHWIRE SAGGING BASIS
SAGGED TO MATCH CONDUCTOR AT 5°C

TABLE OF CLEARANCES (400kV)

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GENERAL NOTES:
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DRAWN	PWH	APPROVED	DA	
SSE SCHEME No.	LT459			

CLIENT: Scottish & Southern Electricity Networks

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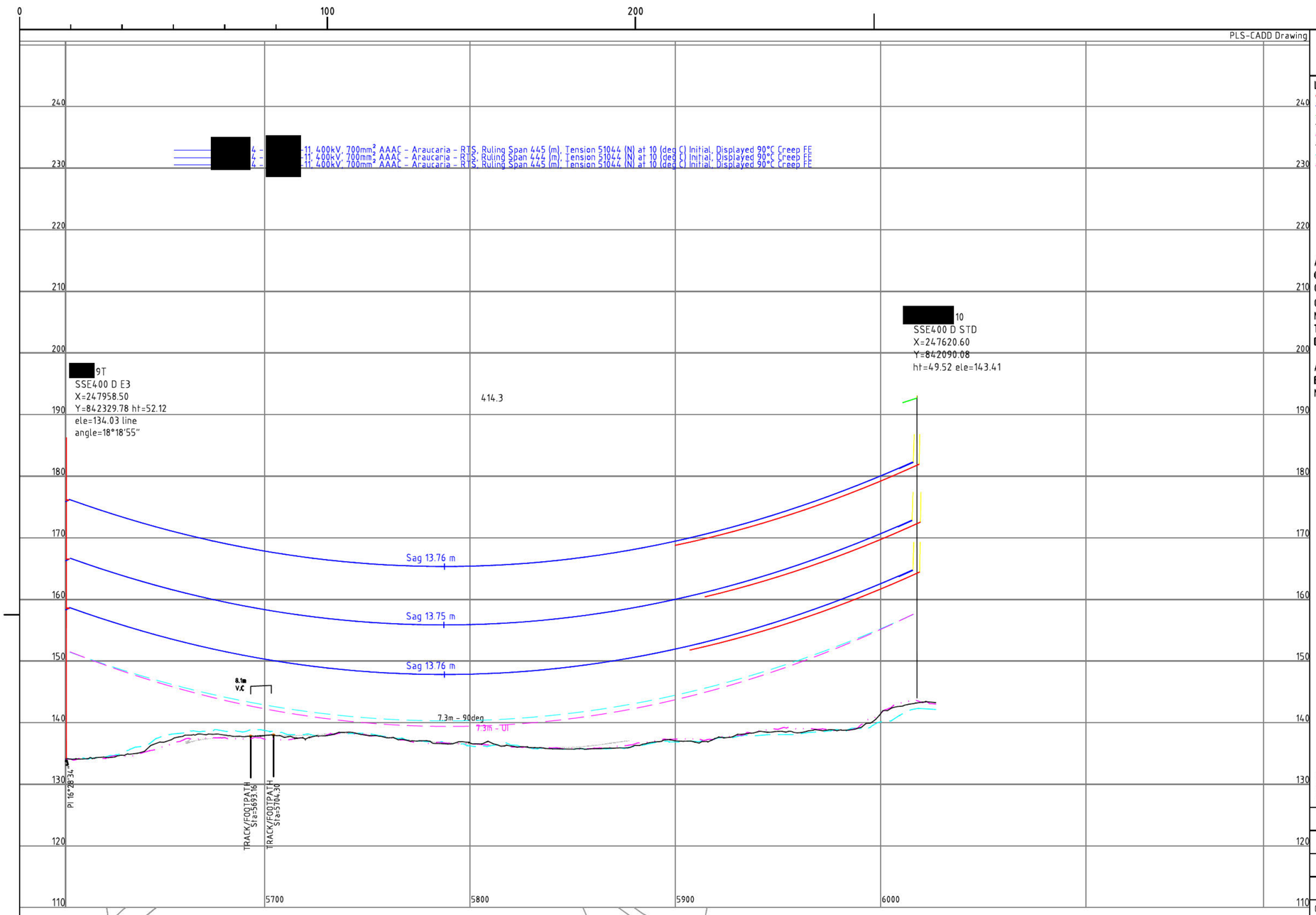
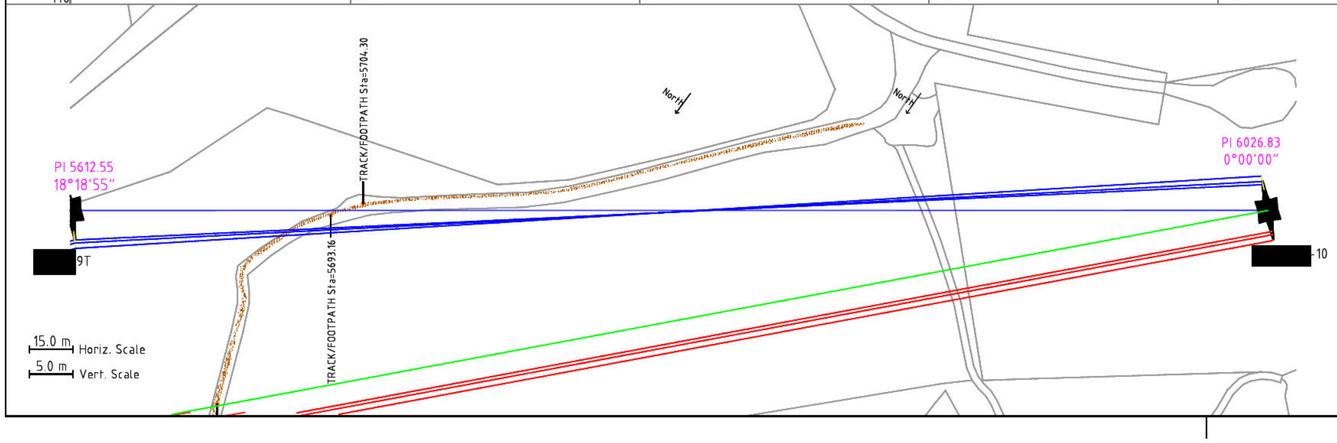
TITLE
BEAULY 400kV TIE IN
PLAN & PROFILE TEMPORARY ARRANGEMENT
TOWERS [redacted]8 - [redacted]9T

SITE	BEAULY 400kV TIE IN		ISSUE P02
SSE DRAWING NUMBER	LT459-MES-OHLTA-ZZ-D-EO-4001-P02		
ORIGINATOR DRAWING NUMBER	2637010.01/4001	SHEET No. 8	No. OF SHEETS 11
		SCALE:- 1:15 HORIZ. 1:5 VERT.	





A2 | CAD

LEGEND

- BN1 CIRCUIT
- BG1 CIRCUIT
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- CLEARANCE LINE 7.3m, 90°C
- CLEARANCE LINE 7.3m, ULTIMATE ICE
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- ROADS
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- TREES/VEGETATION
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NOMINAL BREAKING LOAD: 230kN
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DISPLAY TEMPERATURE: 90°C

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OVERALL DIAMETER: 23.8mm
COEFFICIENT OF LINEAR EXPANSION: 1.46E-05 / 1°C
CROSS SECTIONAL AREA: 317.77mm²
NOMINAL BREAKING LOAD: 278.5kN
TOTAL MASS: 1782kg/km
DISPLAY TEMPERATURE: 10°C

ARAUCARIA CONDUCTOR SAGGING BASIS
EDT: 20% of RTS @ 5°C
MET:25% of RTS @ -20°C

ACSR OPGW EARTHWIRE SAGGING BASIS
SAGGED TO MATCH CONDUCTOR AT 5°C

TABLE OF CLEARANCES (400kV)		
OBJECT	MINIMUM CLEARANCE	SPECIFICATION ENA TS 43-8.
GROUND	7.3m	TABLE 1, ITEM 1
ROADS	8.1m	TABLE 1, ITEM 2
BUILDINGS	5.3m	TABLE 2, ITEM 1
TREES	5.3m	TABLE 2, ITEM 3 (ii)
STREET LIGHTING	4.0m	TABLE 2, ITEM 6 (i)
POWERLINE CROSSING	4.4m	TABLE 5, ITEM 1

GENERAL NOTES:
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CLIENT

Scottish & Southern Electricity Networks

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TITLE

BEAULY 400kV TIE IN
PLAN & PROFILE TEMPORARY ARRANGEMENT
TOWERS [redacted] 9T - [redacted] 10

SITE	BEAULY 400kV TIE IN	ISSUE
SSE DRAWING NUMBER	LT459-MES-OHLTA-ZZ-D-EO-4001-P02	P02
ORIGINATOR DRAWING NUMBER	2637010.01/4001	SHEET No. 9 / No. OF SHEETS 11
		SCALE:- 1:15 HORIZ. 1:5 VERT.

PLS-CADD Drawing

A2 | CAD

4 - [redacted]11, 400kV, 700mm² AAAC - Araucaria - RTS, Ruling Span 443 (m), bundle of 2, Tension 51044 (N) at 10 (deg C) Initial, Displayed 90°C Creep 34664 (N)
4 - [redacted]11, 400kV, 700mm² AAAC - Araucaria - RTS, Ruling Span 443 (m), bundle of 2, Tension 51080 (N) at 10 (deg C) Initial, Displayed 90°C Creep 34663 (N)
4 - [redacted]11, 400kV, 700mm² AAAC - Araucaria - RTS, Ruling Span 443 (m), bundle of 2, Tension 51080 (N) at 10 (deg C) Initial, Displayed 90°C Creep 34673 (N)
4 - [redacted]11, 400kV, 700mm² AAAC - Araucaria - RTS, Ruling Span 441 (m), bundle of 2, Tension 51082 (N) at 10 (deg C) Initial, Displayed 90°C Creep 34586 (N)
4 - [redacted]11, 400kV, 700mm² AAAC - Araucaria - RTS, Ruling Span 441 (m), bundle of 2, Tension 51116 (N) at 10 (deg C) Initial, Displayed 90°C Creep 34595 (N)
4 - [redacted]11, 400kV, 700mm² AAAC - Araucaria - RTS, Ruling Span 441 (m), bundle of 2, Tension 51116 (N) at 10 (deg C) Initial, Displayed 90°C Creep 34595 (N)
4 - [redacted]11, 0kV, OPGW Data Sheet, Ruling Span 440 (m), Tension 37840 (N) at 10 (deg C) Initial, Displayed 10°C Creep 37842 (N)

[redacted]9
SSE400 D E6
X=247913.77
Y=842392.53
ht=55.12 ele=134.20

[redacted]10
SSE400 D STD
X=247620.60
Y=842090.08
ht=49.52 ele=143.41

421.2

191.93
181.80
172.40
164.30

Sag 10.25 m
Sag 14.79 m
Sag 14.79 m
Sag 14.79 m

8.1m V.C.
7.3m – 90deg
7.3m – UI

TRACK/FOOTPATH Sta=2688.07
TRACK/FOOTPATH Sta=2671.14

2700 2800 2900 3000

North

[redacted]9 [redacted]10

15.0 m Horiz. Scale
5.0 m Vert. Scale

LEGEND
- BN1 CIRCUIT
- BG1 CIRCUIT
- EARTHWIRE AACSR OPGW
- CLEARANCE LINE 7.3m, 90°C
- CLEARANCE LINE 7.3m, ULTIMATE ICE
- GROUNDLINE
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EDT: 20% of RTS @ 5°C
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TABLE OF CLEARANCES (400kV)

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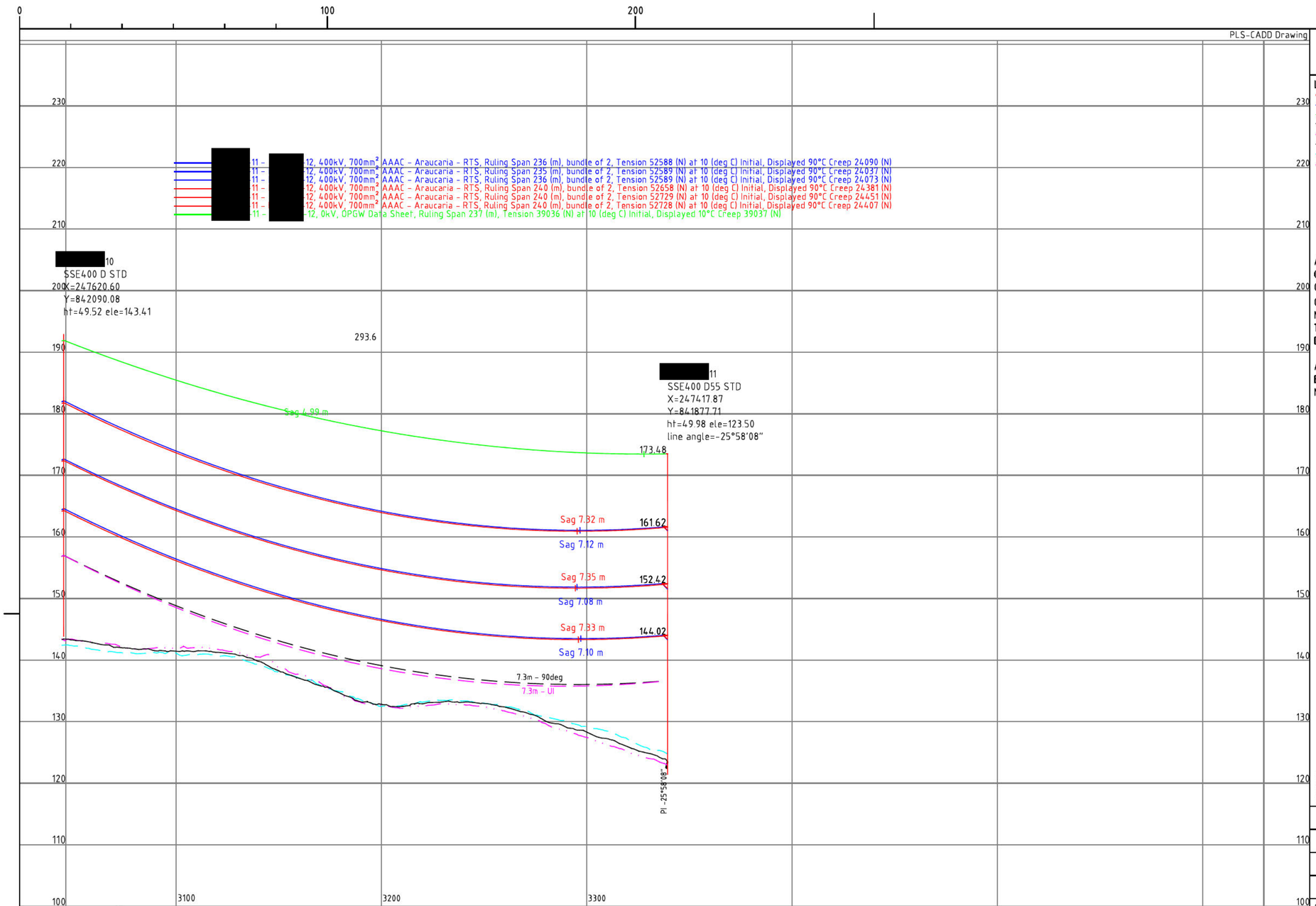
TITLE
BEAULY 400kV TIE IN
PLAN & PROFILE TEMPORARY ARRANGEMENT
TOWERS [redacted]9 - [redacted]10

SITE	BEAULY 400kV TIE IN	ISSUE P02
SSE DRAWING NUMBER	LT459-MES-OHLTA-ZZ-D-EO-4001-P02	
ORIGINATOR DRAWING NUMBER	2637010.01/4001	SHEET No. 10 / No. OF SHEETS 11
		SCALE:- 1:15 HORIZ. 1:5 VERT.



A2 | CAD

LEGEND

- BN1 CIRCUIT
- BG1 CIRCUIT
- EARTHWIRE AACSR OPGW
- CLEARANCE LINE 7.3m, 90°C
- CLEARANCE LINE 7.3m, ULTIMATE ICE
- GROUNDLINE
- SIDE SLOPE AT 8.55m LEFT
- SIDE SLOPE AT 8.55m RIGHT
- RIVERS, PONDS AND STREAMS
- ROADS
- TRACKS
- BUILDINGS AND HOUSES
- CROSSING POWER LINES
- TREES/VEGETATION
- LAMP POSTS/SIGNAGE

AAAC ARAUCARIA CONDUCTOR PROPERTIES
OVERALL DIAMETER: 37.26mm
COEFFICIENT OF LINEAR EXPANSION: 2.30 E-05/1°C
CROSS SECTIONAL AREA: 821.15mm²
NOMINAL BREAKING LOAD: 230kN
TOTAL MASS: 2348kg/km
DISPLAY TEMPERATURE: 90°C

AACSR OPGW EARTHWIRE PROPERTIES
OVERALL DIAMETER: 23.8mm
COEFFICIENT OF LINEAR EXPANSION: 1.46E-05 / 1°C
CROSS SECTIONAL AREA: 317.77mm²
NOMINAL BREAKING LOAD: 278.5kN
TOTAL MASS: 1782kg/km
DISPLAY TEMPERATURE: 10°C

ARAUCARIA CONDUCTOR SAGGING BASIS
EDT: 20% of RTS @ 5°C
MET:25% of RTS @ -20°C

ACSR OPGW EARTHWIRE SAGGING BASIS
SAGGED TO MATCH CONDUCTOR AT 5°C

TABLE OF CLEARANCES (400kV)

OBJECT	MINIMUM CLEARANCE	SPECIFICATION ENA TS 43-8.
GROUND	7.3m	TABLE 1, ITEM 1
ROADS	8.1m	TABLE 1, ITEM 2
BUILDINGS	5.3m	TABLE 2, ITEM 1
TREES	5.3m	TABLE 2, ITEM 3 (ii)
STREET LIGHTING	4.0m	TABLE 2, ITEM 6 (i)
POWERLINE CROSSING	4.4m	TABLE 5, ITEM 1

GENERAL NOTES:
1. CLEARANCES TO ENA TS 43-8 ISSUE 5 & SSEN TG-NET-OHL-519.
2. ALL MEASUREMENTS IN METRES.
3. FOR DEVIATIONS: A NEGATIVE VALUE INDICATES A LEFT DEVIATION, A POSITIVE VALUE INDICATES A RIGHT DEVIATION.
4. ALL LEVELS GIVEN ARE RELATIVE TO SEA LEVEL.
5. THIS DRAWING IS INTENDED TO BE VIEWED IN COLOUR.
6. PROFILES ARE BASED ON PLS CADD MODEL: "PLS CADD MODEL: FNLN4-LT459-MES-OHLTA-ZZ-M-EO-7601 Rev P03".
7. VEGETATION CLEARANCE INFRINGEMENTS SHALL BE IDENTIFIED/CONFIRMED BY ARBORICULTURE SURVEY AND RECTIFIED BY TREE CLEARANCE.

REFERENCES:
1. PLS CADD MODEL: FNLN4-LT459-MES-OHLTA-ZZ-M-EO-7601 Rev P03
2. MAPPING DATA SUPPLIED BY SSE, DECEMBER 2023
3. ENA TS 43-8, ISSUE 5, SSEN TG-NET-OHL-519

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DATE	18/04/2024			REMARKS
ISSUE	P02	CHECKED	AA	CIRCUIT COLOURS CHANGED
DRAWN	PWH	APPROVED	DA	
SSE SCHEME No.	LT459			

CLIENT
Scottish & Southern Electricity Networks

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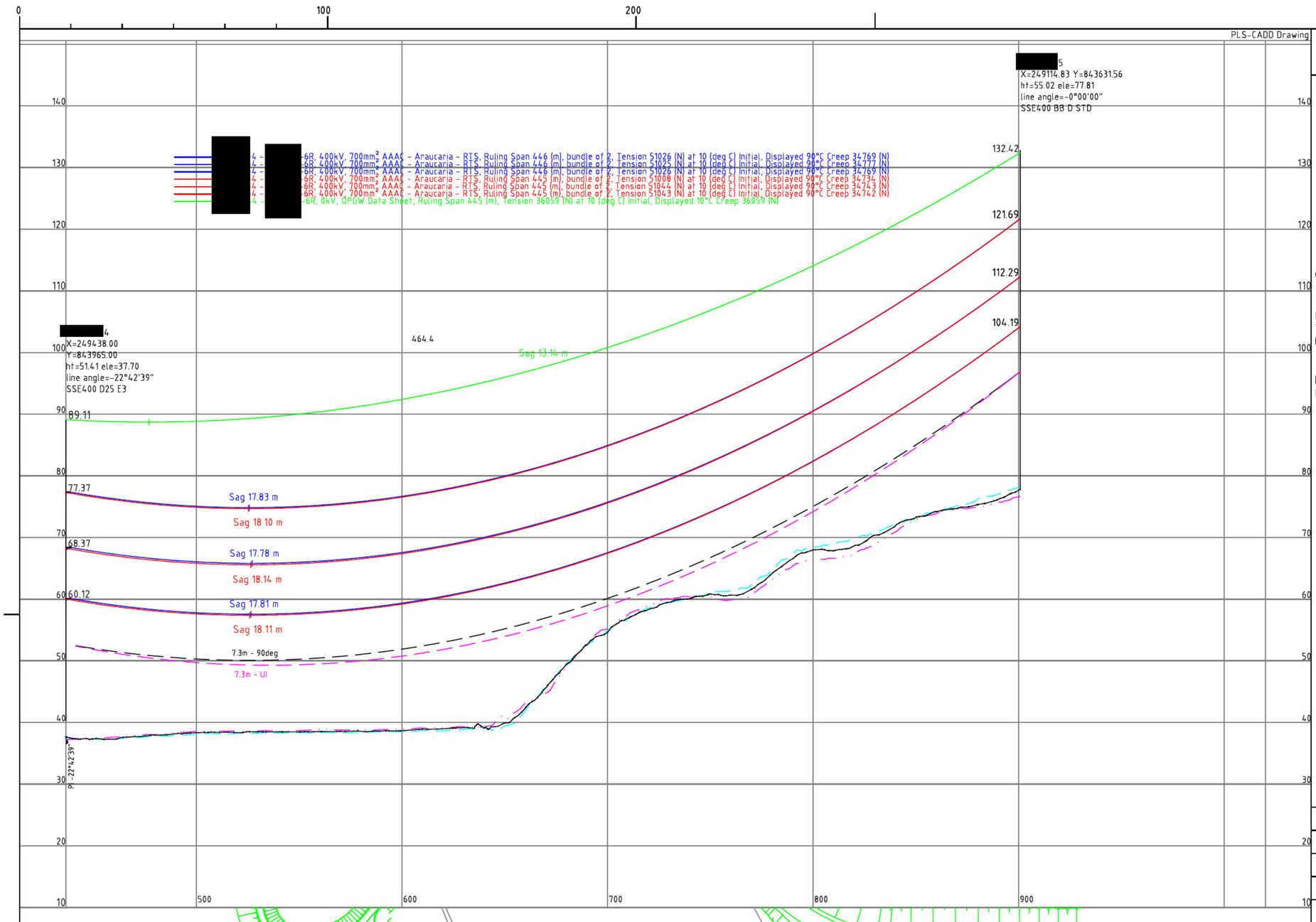
TITLE
BEAULY 400kV TIE IN
PLAN & PROFILE TEMPORARY ARRANGEMENT
TOWERS 10 - 11

SITE	BEAULY 400kV TIE IN
SSE DRAWING NUMBER	LT459-MES-OHLTA-ZZ-D-EO-4001-P02
ISSUE	P02
ORIGINATOR DRAWING NUMBER	2637010.01/4001
SHEET No.	11
No. OF SHEETS	11
SCALE:	1:15 HORIZ. 1:5 VERT.



A2 | CAD

LEGEND

- BG1 CIRCUIT
- BN1 CIRCUIT
- EARTHWIRE AACSR OPGW
- CLEARANCE LINE 7.3m, 90°C
- CLEARANCE LINE 7.3m, ULTIMATE ICE
- GROUNDLINE
- SIDE SLOPE AT 10m LEFT
- SIDE SLOPE AT 10m RIGHT
- RIVERS, PONDS AND STREAMS
- ROADS
- TRACKS
- BUILDINGS AND HOUSES
- CROSSING POWER LINES
- TREES/VEGETATION
- LAMP POSTS/SIGNAGE

AAAC ARAUCARIA CONDUCTOR PROPERTIES
OVERALL DIAMETER: 37.26mm
COEFFICIENT OF LINEAR EXPANSION: 2.30 E-05/1°C
CROSS SECTIONAL AREA: 821.15mm²
NOMINAL BREAKING LOAD: 230kN
TOTAL MASS: 2348kg/km
DISPLAY TEMPERATURE: 90°C

AACSR OPGW EARTHWIRE PROPERTIES
OVERALL DIAMETER: 23.8mm
COEFFICIENT OF LINEAR EXPANSION: 1.46E-05 / 1°C
CROSS SECTIONAL AREA: 317.77mm²
NOMINAL BREAKING LOAD: 278.5kN
TOTAL MASS: 1782kg/km
DISPLAY TEMPERATURE: 10°C

ARAUCARIA CONDUCTOR SAGGING BASIS
EDT: 20% of RTS @ 5°C
MET:25% of RTS @ -20°C

ACSR OPGW EARTHWIRE SAGGING BASIS
SAGGED TO MATCH CONDUCTOR AT 5°C

TABLE OF CLEARANCES (400kV)

OBJECT	MINIMUM CLEARANCE	SPECIFICATION ENA TS 43-8.
GROUND	7.3m	TABLE 1, ITEM 1
ROADS	8.1m	TABLE 1, ITEM 2
BUILDINGS	5.3m	TABLE 2, ITEM 1
TREES	5.3m	TABLE 2, ITEM 3 (ii)
STREET LIGHTING	4.0m	TABLE 2, ITEM 6 (i)
POWERLINE CROSSING	4.4m	TABLE 5, ITEM 1

GENERAL NOTES:
1. CLEARANCES TO ENA TS 43-8 ISSUE 5 & SSEN TG-NET-OHL-519.
2. ALL MEASUREMENTS IN METRES.
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4. ALL LEVELS GIVEN ARE RELATIVE TO SEA LEVEL.
5. THIS DRAWING IS INTENDED TO BE VIEWED IN COLOUR.
6. PROFILES ARE BASED ON PLS CADD MODEL: "FNLN4-LT459-MES-OHL-ZZ-M-EO-7600 Rev P03".
7. VEGETATION CLEARANCE INFRINGEMENTS SHALL BE IDENTIFIED/CONFIRMED BY ARBORICULTURE SURVEY AND RECTIFIED BY TREE CLEARANCE.

REFERENCES:
1. PLS CADD MODEL: FNLN4-LT459-MES-OHL-ZZ-M-EO-7600 Rev P03
2. MAPPING DATA SUPPLIED BY SSE, DECEMBER 2023
3. ENA TS 43-8, ISSUE 5, SSEN TG-NET-OHL-519
4. XREF-LT459-SWE-XX-XX-M-0001 WORKING, SWECO, APRIL 2024

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DATE	18/04/2024		REMARKS
ISSUE	P02	CHECKED AA	CIRCUIT COLOURS CHANGED
DRAWN	PWH	APPROVED DA	
SSE SCHEME No.	LT459		

CLIENT
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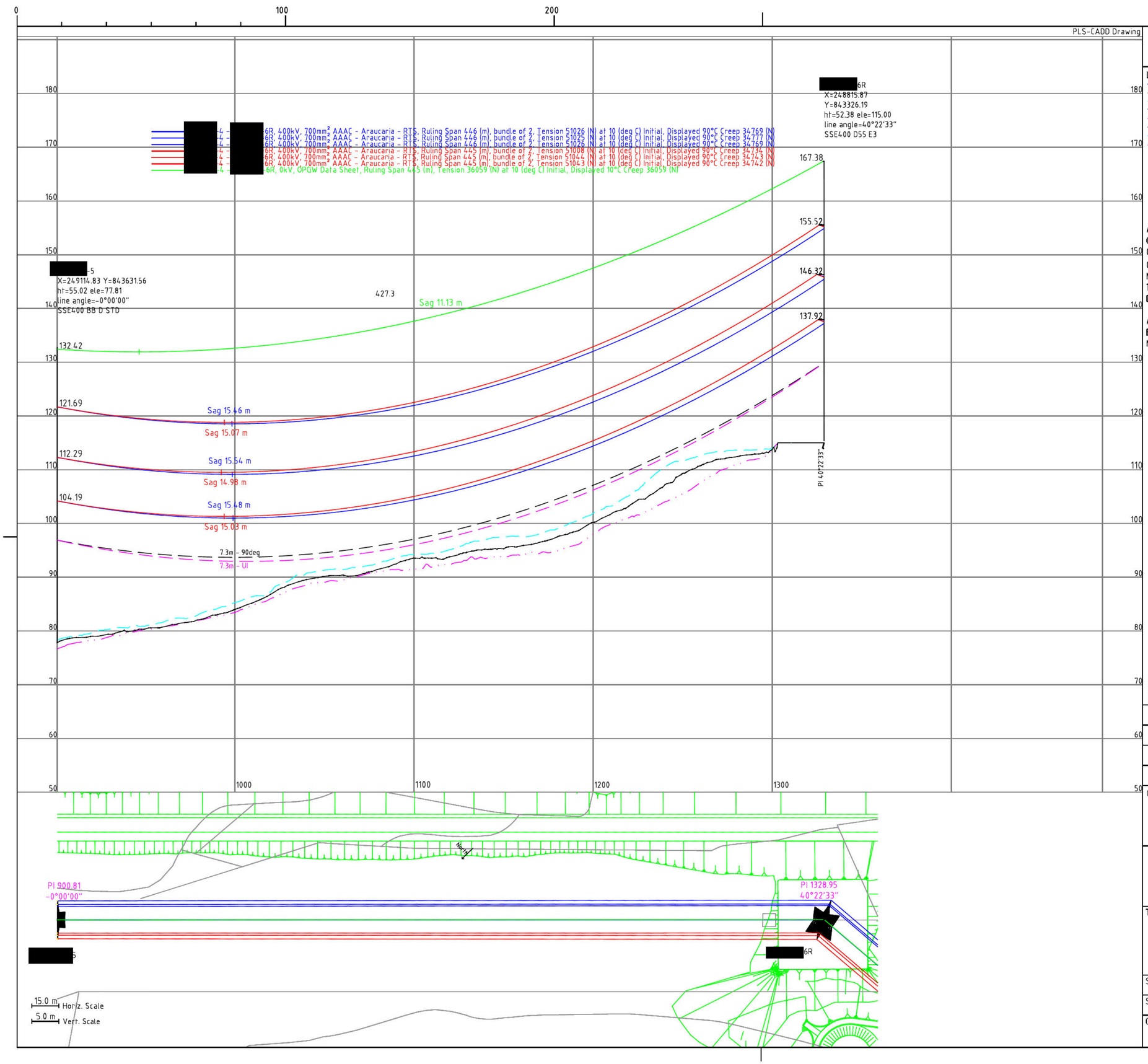
TITLE
BEAULY 400kV TIE IN
PLAN & PROFILE FINAL ARRANGEMENT
TOWERS [redacted]4 & [redacted] - 5

SITE	BEAULY 400kV TIE IN	ISSUE
SSE DRAWING NUMBER	LT459-MES-OHL-ZZ-D-EO-4000	P02
ORIGINATOR DRAWING NUMBER	2637010.01/4000	SHEET No. 1 / No. OF SHEETS 8
		SCALE:- 1:15 HORIZ. 1:5 VERT.

PLS-CADD Drawing



A2	CAD

LEGEND

- BG1 CIRCUIT
- BN1 CIRCUIT
- EARTHWIRE AACSR OPGW
- CLEARANCE LINE 7.3m, 90°C
- CLEARANCE LINE 7.3m, ULTIMATE ICE
- GROUNDLINE
- SIDE SLOPE AT 10m LEFT
- SIDE SLOPE AT 10m RIGHT
- RIVERS, PONDS AND STREAMS
- ROADS
- TRACKS
- BUILDINGS AND HOUSES
- CROSSING POWER LINES
- TREES/VEGETATION
- LAMP POSTS/SIGNAGE

AAAC ARAUCARIA CONDUCTOR PROPERTIES
OVERALL DIAMETER: 37.26mm
COEFFICIENT OF LINEAR EXPANSION: 2.30 E-05/1°C
CROSS SECTIONAL AREA: 821.15mm²
NOMINAL BREAKING LOAD: 230kN
TOTAL MASS: 2348kg/km
DISPLAY TEMPERATURE: 90°C

AACSR OPGW EARTHWIRE PROPERTIES
OVERALL DIAMETER: 23.8mm
COEFFICIENT OF LINEAR EXPANSION: 1.46E-05 / 1°C
CROSS SECTIONAL AREA: 317.77mm²
NOMINAL BREAKING LOAD: 278.5kN
TOTAL MASS: 1782kg/km
DISPLAY TEMPERATURE: 10°C

ARAUCARIA CONDUCTOR SAGGING BASIS
EDT: 20% of RTS @ 5°C
MET:25% of RTS @ -20°C

ACSR OPGW EARTHWIRE SAGGING BASIS
SAGGED TO MATCH CONDUCTOR AT 5°C

TABLE OF CLEARANCES (400kV)

OBJECT	MINIMUM CLEARANCE	SPECIFICATION ENA TS 43-8.
GROUND	7.3m	TABLE 1, ITEM 1
ROADS	8.1m	TABLE 1, ITEM 2
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TREES	5.3m	TABLE 2, ITEM 3 (ii)
STREET LIGHTING	4.0m	TABLE 2, ITEM 6 (i)
POWERLINE CROSSING	4.4m	TABLE 5, ITEM 1

GENERAL NOTES:
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2. ALL MEASUREMENTS IN METRES.
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5. THIS DRAWING IS INTENDED TO BE VIEWED IN COLOUR.
6. PROFILES ARE BASED ON PLS CADD MODEL: "FNLN4-LT459-MES-OHL-ZZ-M-EO-7600 Rev P03".
7. VEGETATION CLEARANCE INFRINGEMENTS SHALL BE IDENTIFIED/CONFIRMED BY ARBORICULTURE SURVEY AND RECTIFIED BY TREE CLEARANCE.

REFERENCES:
1. PLS CADD MODEL: FNLN4-LT459-MES-OHL-ZZ-M-EO-7600 Rev P03
2. MAPPING DATA SUPPLIED BY SSE, DECEMBER 2023
3. ENA TS 43-8, ISSUE 5, SSEN TG-NET-OHL-519
4. XREF - LT459-SWE-XX-XX-M-0001 WORKING, SWECO, APRIL 2024

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DATE	18/04/2024			REMARKS
ISSUE	P02	CHECKED	AA	CIRCUIT COLOURS CHANGED
DRAWN	PWH	APPROVED	DA	
SSE SCHEME No.	LT459			

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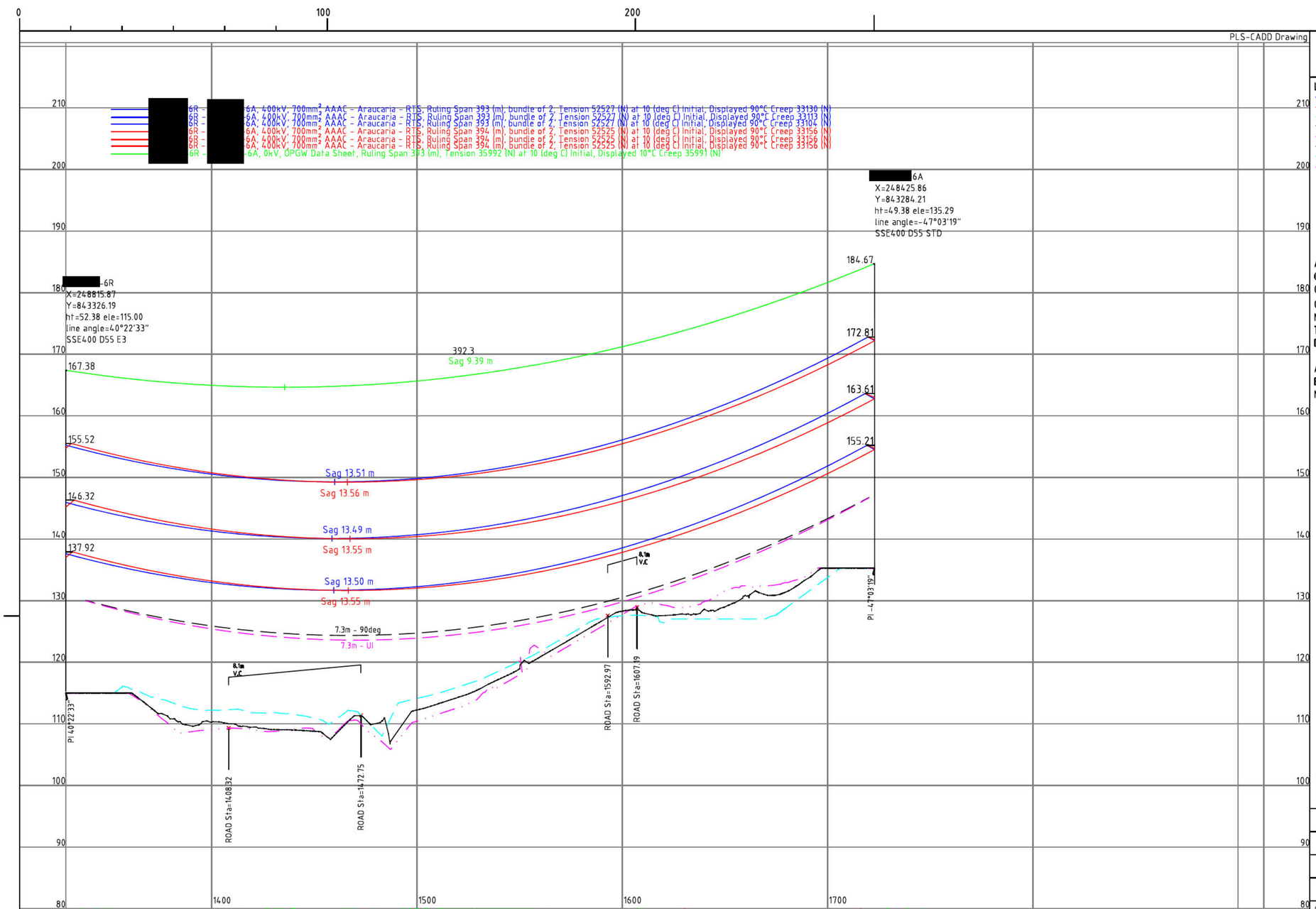
TITLE

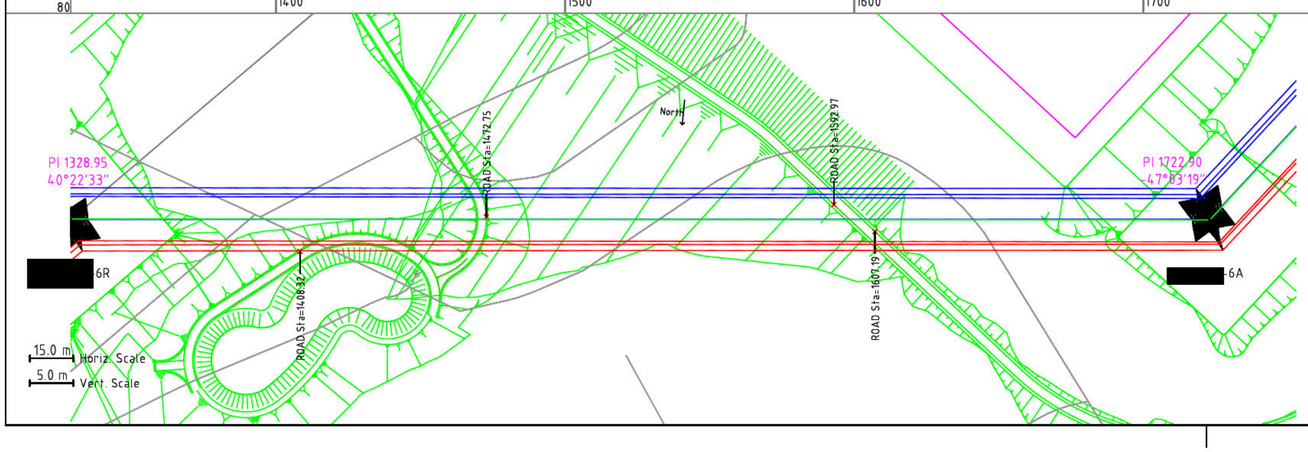
BEAULY 400kV TIE IN
PLAN & PROFILE FINAL ARRANGEMENT
TOWERS [redacted]4 & [redacted]6R

SITE	BEAULY 400kV TIE IN	ISSUE P02
SSE DRAWING NUMBER	LT459-MES-OHL-ZZ-D-EO-4000	
ORIGINATOR DRAWING NUMBER	2637010.01/4000	SHEET No. 2 / No. OF SHEETS 8
		SCALE:- 1:15 HORIZ. 1:5 VERT.

PLS-CADD Drawing

A2 | CAD





LEGEND

- BG1 CIRCUIT
- BN1 CIRCUIT
- EARTHWIRE AACSR OPGW
- CLEARANCE LINE 7.3m, 90°C
- CLEARANCE LINE 7.3m, ULTIMATE ICE
- GROUNDLINE
- SIDE SLOPE AT 10m LEFT
- SIDE SLOPE AT 10m RIGHT
- RIVERS, PONDS AND STREAMS
- ROADS
- TRACKS
- BUILDINGS AND HOUSES
- CROSSING POWER LINES
- TREES/VEGETATION
- LAMP POSTS/SIGNAGE

AAAC ARAUCARIA CONDUCTOR PROPERTIES
OVERALL DIAMETER: 37.26mm
COEFFICIENT OF LINEAR EXPANSION: 2.30 E-05/1°C
CROSS SECTIONAL AREA: 821.15mm²
NOMINAL BREAKING LOAD: 230kN
TOTAL MASS: 2348kg/km
DISPLAY TEMPERATURE: 90°C

AACSR OPGW EARTHWIRE PROPERTIES
OVERALL DIAMETER: 23.8mm
COEFFICIENT OF LINEAR EXPANSION: 1.46E-05 / 1°C
CROSS SECTIONAL AREA: 317.77mm²
NOMINAL BREAKING LOAD: 278.5kN
TOTAL MASS: 1782kg/km
DISPLAY TEMPERATURE: 10°C

ARAUCARIA CONDUCTOR SAGGING BASIS
EDT: 20% of RTS @ 5°C
MET:25% of RTS @ -20°C

ACSR OPGW EARTHWIRE SAGGING BASIS
SAGGED TO MATCH CONDUCTOR AT 5°C

TABLE OF CLEARANCES (400kV)

OBJECT	MINIMUM CLEARANCE	SPECIFICATION ENA TS 43-8.
GROUND	7.3m	TABLE 1, ITEM 1
ROADS	8.1m	TABLE 1, ITEM 2
BUILDINGS	5.3m	TABLE 2, ITEM 1
TREES	5.3m	TABLE 2, ITEM 3 (ii)
STREET LIGHTING	4.0m	TABLE 2, ITEM 6 (i)
POWERLINE CROSSING	4.4m	TABLE 5, ITEM 1

GENERAL NOTES:
1. CLEARANCES TO ENA TS 43-8 ISSUE 5 & SSEN TG-NET-OHL-519.
2. ALL MEASUREMENTS IN METRES.
3. FOR DEVIATIONS: A NEGATIVE VALUE INDICATES A LEFT DEVIATION, A POSITIVE VALUE INDICATES A RIGHT DEVIATION.
4. ALL LEVELS GIVEN ARE RELATIVE TO SEA LEVEL.
5. THIS DRAWING IS INTENDED TO BE VIEWED IN COLOUR.
6. PROFILES ARE BASED ON PLS CADD MODEL: "FNLN4-LT459-MES-OHL-ZZ-M-EO-7600 Rev P03".
7. VEGETATION CLEARANCE INFRINGEMENTS SHALL BE IDENTIFIED/CONFIRMED BY ARBORICULTURE SURVEY AND RECTIFIED BY TREE CLEARANCE.

REFERENCES:
1. PLS CADD MODEL: FNLN4-LT459-MES-OHL-ZZ-M-EO-7600 Rev P03
2. MAPPING DATA SUPPLIED BY SSE, DECEMBER 2023
3. ENA TS 43-8, ISSUE 5, SSEN TG-NET-OHL-519
4. XREF - LT459-SWE-XX-XX-M-0001 WORKING, SWECO, APRIL 2024

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DATE	18/04/2024		REMARKS
ISSUE	P02	CHECKED	AA
DRAWN	PWH	APPROVED	DA
SSE SCHEME No.	LT459		CIRCUIT COLOURS CHANGED

CLIENT

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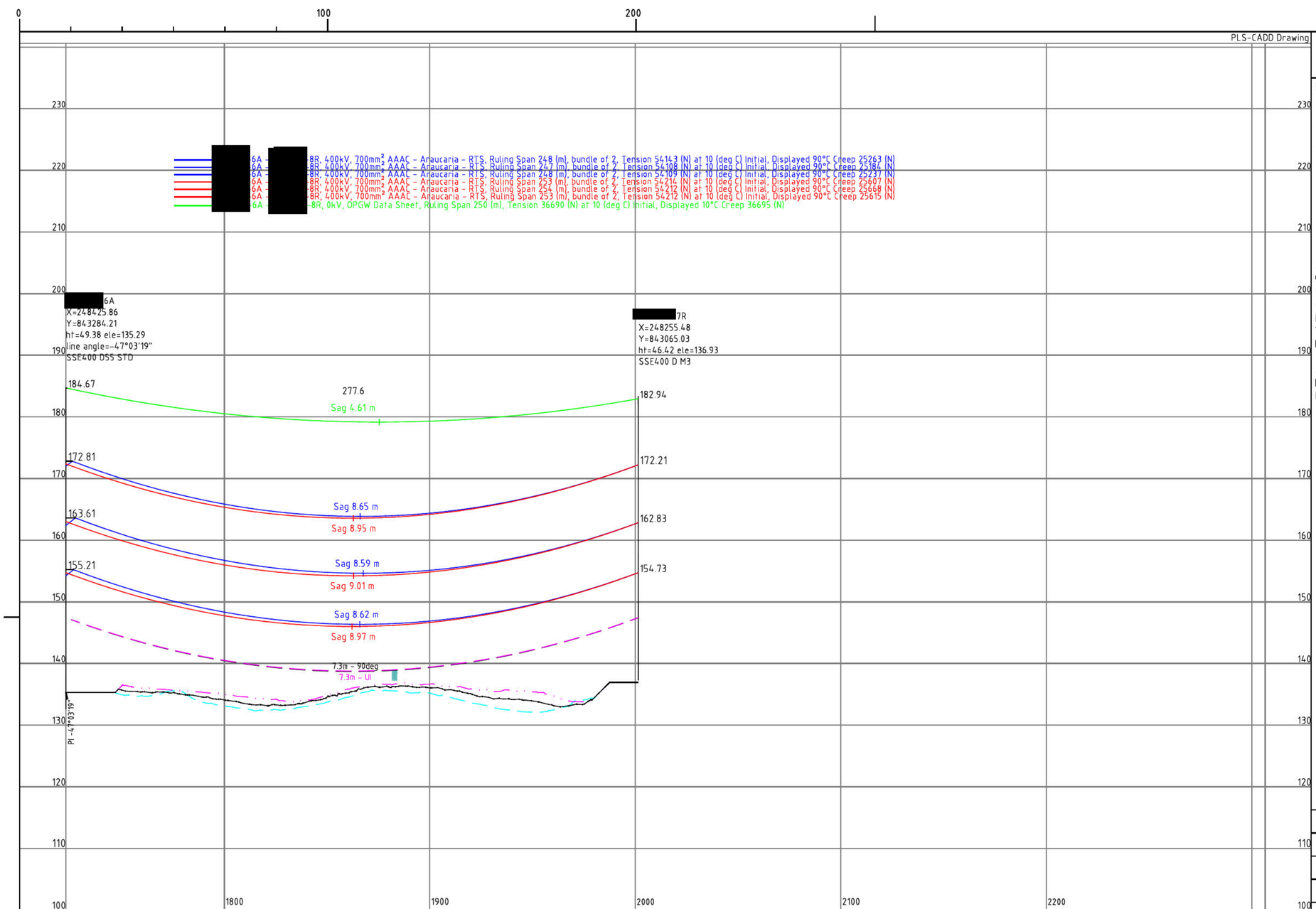
TITLE

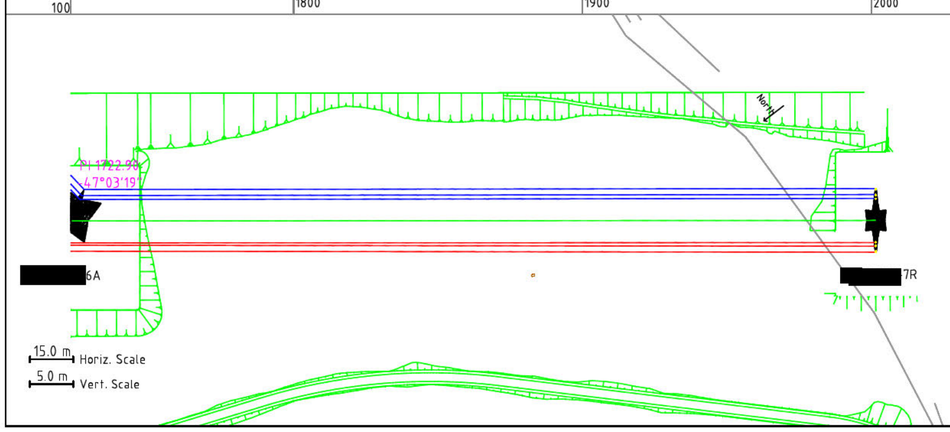
BEAULY 400kV TIE IN
PLAN & PROFILE FINAL ARRANGEMENT
TOWERS [redacted] 6R & [redacted] 6A

SITE	BEAULY 400kV TIE IN	ISSUE
SSE DRAWING NUMBER	LT459-MES-OHL-ZZ-D-EO-4000	P02
ORIGINATOR DRAWING NUMBER	2637010.01/4000	SHEET No. 3 / No. OF SHEETS 8
		SCALE:- 1:15 HORIZ. 1:5 VERT.

PLS-CADD Drawing

A2 | CAD





LEGEND

- BG1 CIRCUIT
- BN1 CIRCUIT
- EARTHWIRE AACSR OPGW
- CLEARANCE LINE 7.3m, 90°C
- CLEARANCE LINE 7.3m, ULTIMATE ICE
- GROUNDLINE
- SIDE SLOPE AT 10m LEFT
- SIDE SLOPE AT 10m RIGHT
- RIVERS, PONDS AND STREAMS
- ROADS
- TRACKS
- BUILDINGS AND HOUSES
- CROSSING POWER LINES
- TREES/VEGETATION
- LAMP POSTS/SIGNAGE

AAAC ARAUCARIA CONDUCTOR PROPERTIES
OVERALL DIAMETER: 37.26mm
COEFFICIENT OF LINEAR EXPANSION: 2.30 E-05/1°C
CROSS SECTIONAL AREA: 821.15mm²
NOMINAL BREAKING LOAD: 230kN
TOTAL MASS: 2348kg/km
DISPLAY TEMPERATURE: 90°C

AACSR OPGW EARTHWIRE PROPERTIES
OVERALL DIAMETER: 23.8mm
COEFFICIENT OF LINEAR EXPANSION: 1.46E-05 / 1°C
CROSS SECTIONAL AREA: 317.77mm²
NOMINAL BREAKING LOAD: 278.5kN
TOTAL MASS: 1782kg/km
DISPLAY TEMPERATURE: 10°C

ARAUCARIA CONDUCTOR SAGGING BASIS
EDT: 20% of RTS @ 5°C
MET:25% of RTS @ -20°C

ACSR OPGW EARTHWIRE SAGGING BASIS
SAGGED TO MATCH CONDUCTOR AT 5°C

TABLE OF CLEARANCES (400kV)		
OBJECT	MINIMUM CLEARANCE	SPECIFICATION ENA TS 43-8.
GROUND	7.3m	TABLE 1, ITEM 1
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GENERAL NOTES:
1. CLEARANCES TO ENA TS 43-8 ISSUE 5 & SSEN TG-NET-OHL-519.
2. ALL MEASUREMENTS IN METRES.
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5. THIS DRAWING IS INTENDED TO BE VIEWED IN COLOUR.
6. PROFILES ARE BASED ON PLS CADD MODEL: "FNLN4-LT459-MES-OHL-ZZ-M-EO-7600 Rev P03".
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REFERENCES:
1. PLS CADD MODEL: FNLN4-LT459-MES-OHL-ZZ-M-EO-7600 Rev P03
2. MAPPING DATA SUPPLIED BY SSE, DECEMBER 2023
3. ENA TS 43-8, ISSUE 5, SSEN TG-NET-OHL-519
4. XREF-LT459-SWE-XX-XX-M-0001 WORKING, SWECO, APRIL 2024

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DATE	18/04/2024			REMARKS
ISSUE	P02	CHECKED	AA	CIRCUIT COLOURS CHANGED
DRAWN	PWH	APPROVED	DA	
SSE SCHEME No.	LT459			

CLIENT

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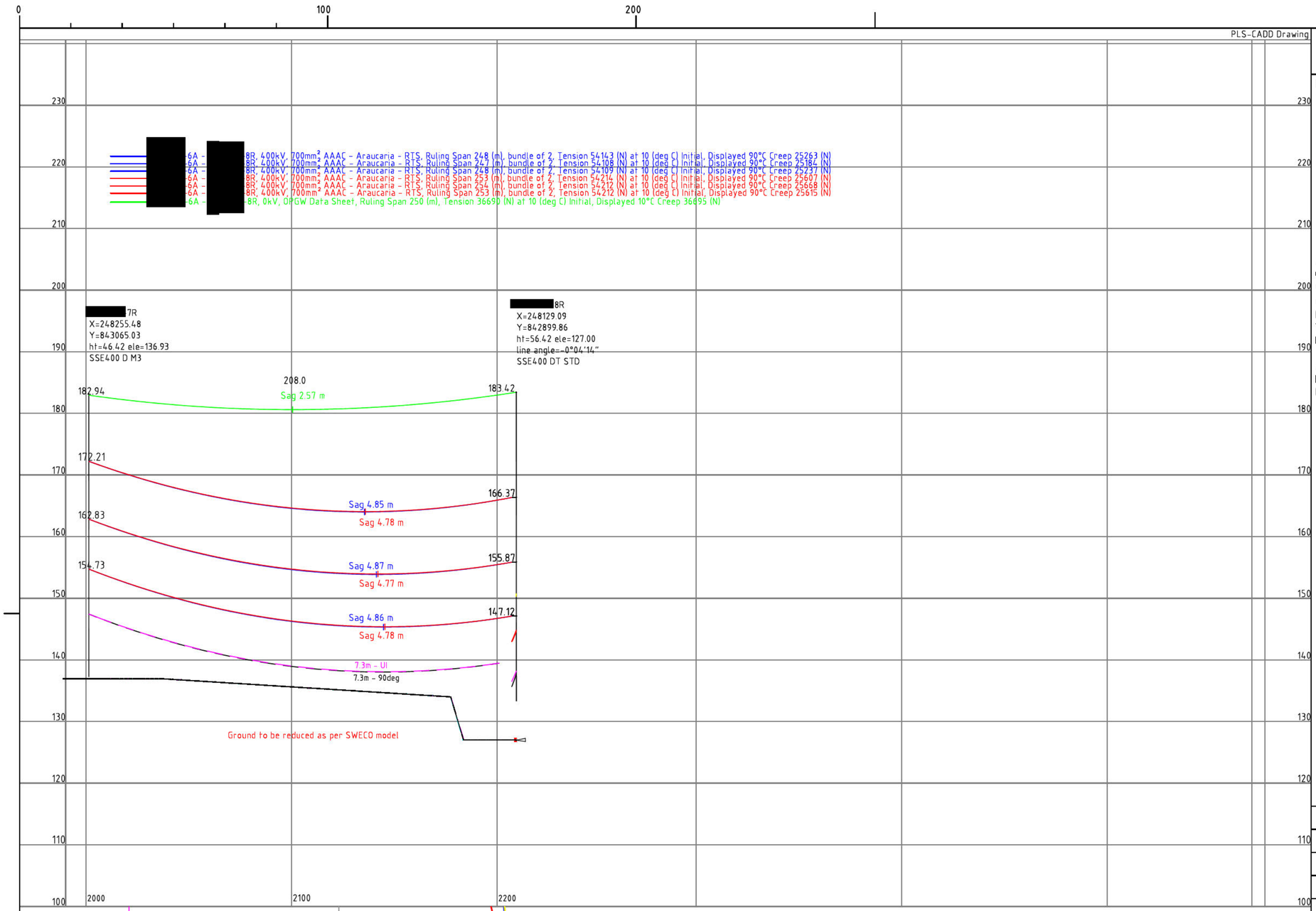
TITLE

BEAULY 400kV TIE IN
PLAN & PROFILE FINAL ARRANGEMENT
TOWERS 6A & - 7R

SITE	BEAULY 400kV TIE IN	ISSUE P02
SSE DRAWING NUMBER	LT459-MES-OHL-ZZ-D-EO-4000	
ORIGINATOR DRAWING NUMBER	2637010.01/4000	SHEET No. 4 / No. OF SHEETS 8
		SCALE:- 1:15 HORIZ. 1:5 VERT.



A2 | CAD

LEGEND

- BG1 CIRCUIT
- BN1 CIRCUIT
- EARTHWIRE AACSR OPGW
- CLEARANCE LINE 7.3m, 90°C
- CLEARANCE LINE 7.3m, ULTIMATE ICE
- GROUNDLINE
- SIDE SLOPE AT 10m LEFT
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TABLE OF CLEARANCES (400kV)

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REFERENCES:
1. PLS CADD MODEL: FNLN4-LT459-MES-OHL-ZZ-M-E0-7600 Rev P03
2. MAPPING DATA SUPPLIED BY SSE, DECEMBER 2023
3. ENA TS 43-8, ISSUE 5, SSEN TG-NET-OHL-519
4. XREF - LT459-SWE-XX-XX-M-0001 WORKING, SWECO, APRIL 2024

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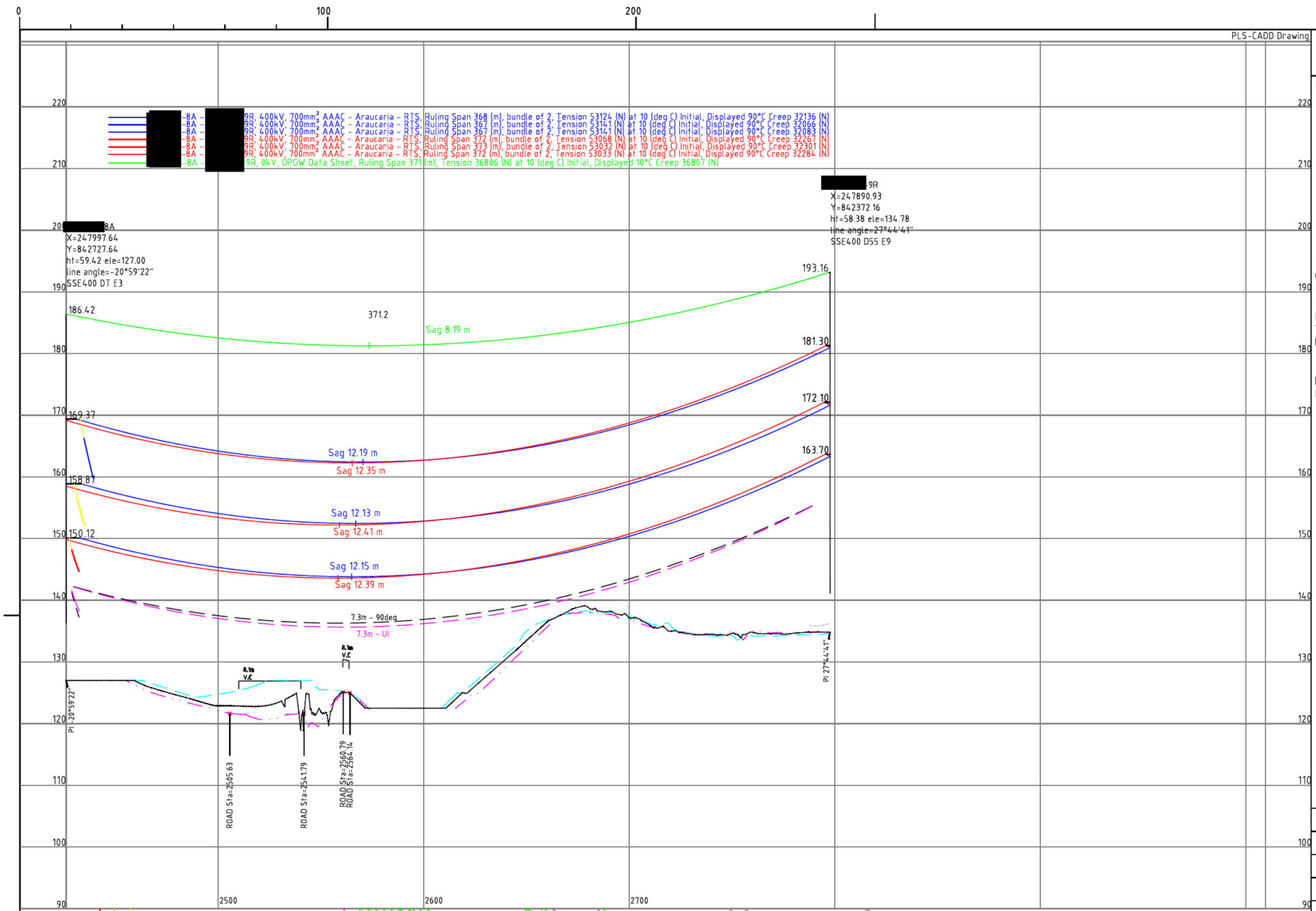
DATE	18/04/2024			REMARKS
ISSUE	P02	CHECKED	AA	CIRCUIT COLOURS CHANGED
DRAWN	PWH	APPROVED	DA	
SSE SCHEME No.	LT459			

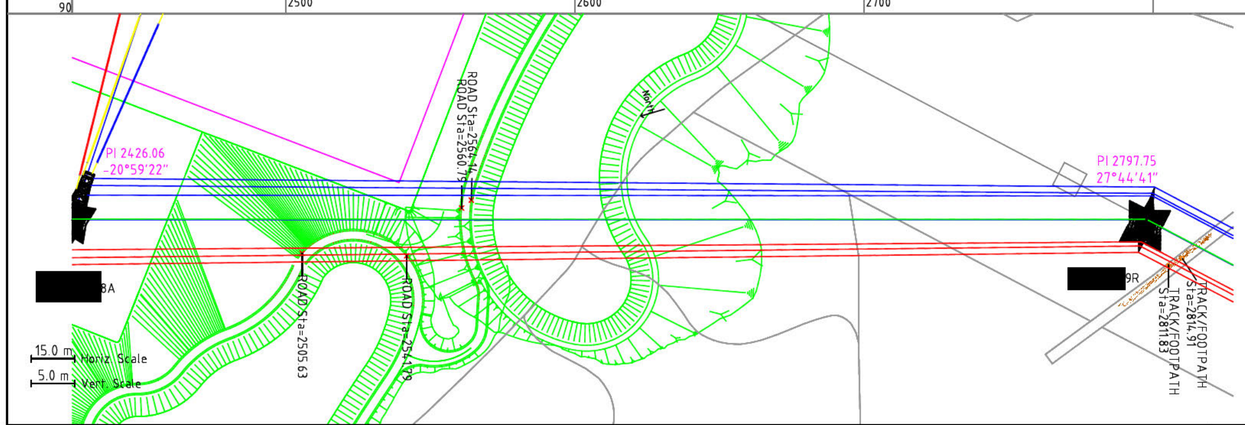
CLIENT: Scottish & Southern Electricity Networks

MORRISON Energy Services — A part of MGroupServices — www.morrisones.com

TITLE
BEAULY 400kV TIE IN
PLAN & PROFILE FINAL ARRANGEMENT
TOWERS [redacted] 7R & [redacted] 8R

SITE	BEAULY 400kV TIE IN	ISSUE P02
SSE DRAWING NUMBER	LT459-MES-OHL-ZZ-D-E0-4000	
ORIGINATOR DRAWING NUMBER	2637010.01/4000	SHEET No. 5 / No. OF SHEETS 8
		SCALE:- 1:15 HORIZ. 1:5 VERT.





A2 | CAD

LEGEND

- BG1 CIRCUIT
- BN1 CIRCUIT
- EARTHWIRE AACSR OPGW
- CLEARANCE LINE 7.3m, 90°C
- CLEARANCE LINE 7.3m, ULTIMATE ICE
- GROUNDLINE
- SIDE SLOPE AT 10m LEFT
- SIDE SLOPE AT 10m RIGHT
- RIVERS, PONDS AND STREAMS
- ROADS
- TRACKS
- BUILDINGS AND HOUSES
- CROSSING POWER LINES
- TREES/VEGETATION
- LAMP POSTS/SIGNAGE

AAAC ARAUCARIA CONDUCTOR PROPERTIES
OVERALL DIAMETER: 37.26mm
COEFFICIENT OF LINEAR EXPANSION: 2.30 E-05/1°C
CROSS SECTIONAL AREA: 821.15mm²
NOMINAL BREAKING LOAD: 230kN
TOTAL MASS: 2348kg/km
DISPLAY TEMPERATURE: 90°C

AACSR OPGW EARTHWIRE PROPERTIES
OVERALL DIAMETER: 23.8mm
COEFFICIENT OF LINEAR EXPANSION: 1.46E-05 / 1°C
CROSS SECTIONAL AREA: 317.77mm²
NOMINAL BREAKING LOAD: 278.5kN
TOTAL MASS: 1782kg/km
DISPLAY TEMPERATURE: 10°C

ARAUCARIA CONDUCTOR SAGGING BASIS
EDT: 20% of RTS @ 5°C
MET:25% of RTS @ -20°C

ACSR OPGW EARTHWIRE SAGGING BASIS
SAGGED TO MATCH CONDUCTOR AT 5°C

TABLE OF CLEARANCES (400kV)

OBJECT	MINIMUM CLEARANCE	SPECIFICATION ENA TS 43-8.
GROUND	7.3m	TABLE 1, ITEM 1
ROADS	8.1m	TABLE 1, ITEM 2
BUILDINGS	5.3m	TABLE 2, ITEM 1
TREES	5.3m	TABLE 2, ITEM 3 (ii)
STREET LIGHTING	4.0m	TABLE 2, ITEM 6 (i)
POWERLINE CROSSING	4.4m	TABLE 5, ITEM 1

GENERAL NOTES:
1. CLEARANCES TO ENA TS 43-8 ISSUE 5 & SSEN TG-NET-OHL-519.
2. ALL MEASUREMENTS IN METRES.
3. FOR DEVIATIONS: A NEGATIVE VALUE INDICATES A LEFT DEVIATION, A POSITIVE VALUE INDICATES A RIGHT DEVIATION.
4. ALL LEVELS GIVEN ARE RELATIVE TO SEA LEVEL.
5. THIS DRAWING IS INTENDED TO BE VIEWED IN COLOUR.
6. PROFILES ARE BASED ON PLS CADD MODEL: "FNLN4-LT459-MES-OHL-ZZ-M-EO-7600 Rev P03".
7. VEGETATION CLEARANCE INFRINGEMENTS SHALL BE IDENTIFIED/CONFIRMED BY ARBORICULTURE SURVEY AND RECTIFIED BY TREE CLEARANCE.

REFERENCES:
1. PLS CADD MODEL: FNLN4-LT459-MES-OHL-ZZ-M-EO-7600 Rev P03
2. MAPPING DATA SUPPLIED BY SSE, DECEMBER 2023
3. ENA TS 43-8, ISSUE 5, SSEN TG-NET-OHL-519
4. XREF - LT459-SWE-XX-XX-M-0001 WORKING, SWECO, APRIL 2024

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ISSUE	P02	CHECKED	AA	CIRCUIT COLOURS CHANGED
DRAWN	PWH	APPROVED	DA	
SSE SCHEME No.	LT459			

CLIENT: Scottish & Southern Electricity Networks

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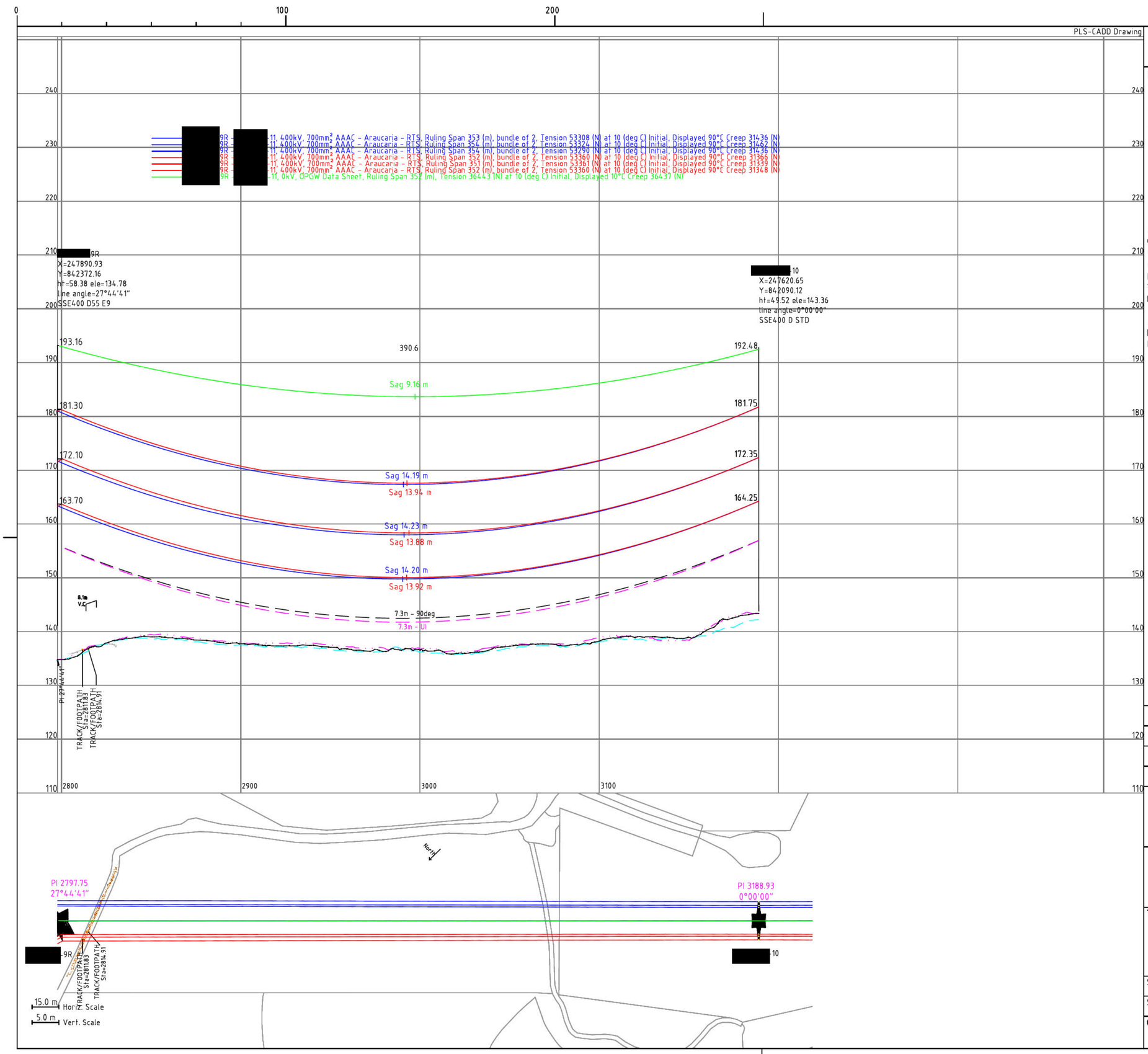
TITLE
BEAULY 400kV TIE IN
PLAN & PROFILE FINAL ARRANGEMENT
TOWERS 8A - 9R

SITE	BEAULY 400kV TIE IN	ISSUE
SSE DRAWING NUMBER	LT459-MES-OHL-ZZ-D-EO-4000	P02
ORIGINATOR DRAWING NUMBER	2637010.01/4000	SHEET No. 6 / No. OF SHEETS 8
		SCALE:- 1:15 HORIZ. 1:5 VERT.



A2 | CAD

LEGEND

- BG1 CIRCUIT
- BN1 CIRCUIT
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- CLEARANCE LINE 7.3m, 90°C
- CLEARANCE LINE 7.3m, ULTIMATE ICE
- GROUNDLINE
- SIDE SLOPE AT 10m LEFT
- SIDE SLOPE AT 10m RIGHT
- RIVERS, PONDS AND STREAMS
- ROADS
- TRACKS
- BUILDINGS AND HOUSES
- CROSSING POWER LINES
- TREES/VEGETATION
- LAMP POSTS/SIGNAGE

AAAC ARAUCARIA CONDUCTOR PROPERTIES
OVERALL DIAMETER: 37.26mm
COEFFICIENT OF LINEAR EXPANSION: 2.30 E-05/1°C
CROSS SECTIONAL AREA: 821.15mm²
NOMINAL BREAKING LOAD: 230kN
TOTAL MASS: 2348kg/km
DISPLAY TEMPERATURE: 90°C

AACSR OPGW EARTHWIRE PROPERTIES
OVERALL DIAMETER: 23.8mm
COEFFICIENT OF LINEAR EXPANSION: 1.46E-05 / 1°C
CROSS SECTIONAL AREA: 317.77mm²
NOMINAL BREAKING LOAD: 278.5kN
TOTAL MASS: 1782kg/km
DISPLAY TEMPERATURE: 10°C

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TABLE OF CLEARANCES (400kV)

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SSE SCHEME No.	LT459			

CLIENT

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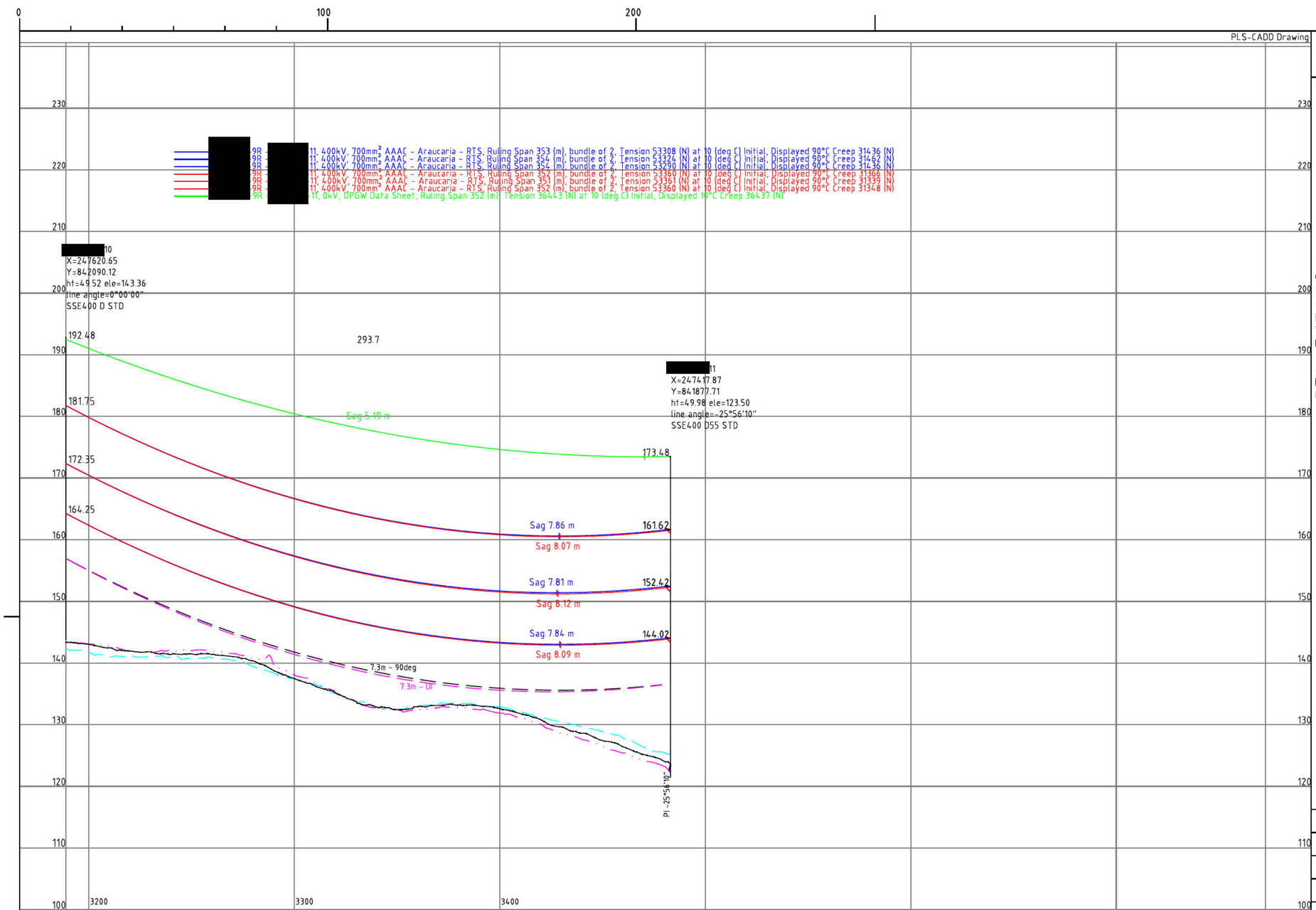
www.morrisones.com

TITLE

BEAULY 400kV TIE IN
PLAN & PROFILE FINAL ARRANGEMENT
TOWERS [redacted] - 9R - [redacted] 10

SITE	BEAULY 400kV TIE IN	ISSUE P02
SSE DRAWING NUMBER	LT459-MES-OHL-ZZ-D-EO-4000	
ORIGINATOR DRAWING NUMBER	2637010.01/4000	SHEET No. 7 / No. OF SHEETS 8
		SCALE:- 1:15 HORIZ. 1:5 VERT.



A2 | CAD

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TITLE
BEAULY 400kV TIE IN
PLAN & PROFILE FINAL ARRANGEMENT
TOWERS [redacted]10 - [redacted]11

SITE	BEAULY 400kV TIE IN	ISSUE
SSE DRAWING NUMBER	LT459-MES-OHL-ZZ-D-EO-4000	P02
ORIGINATOR DRAWING NUMBER	2637010.01/4000	SHEET No. 8 / No. OF SHEETS 8
		SCALE:- 1:15 HORIZ. 1:5 VERT.