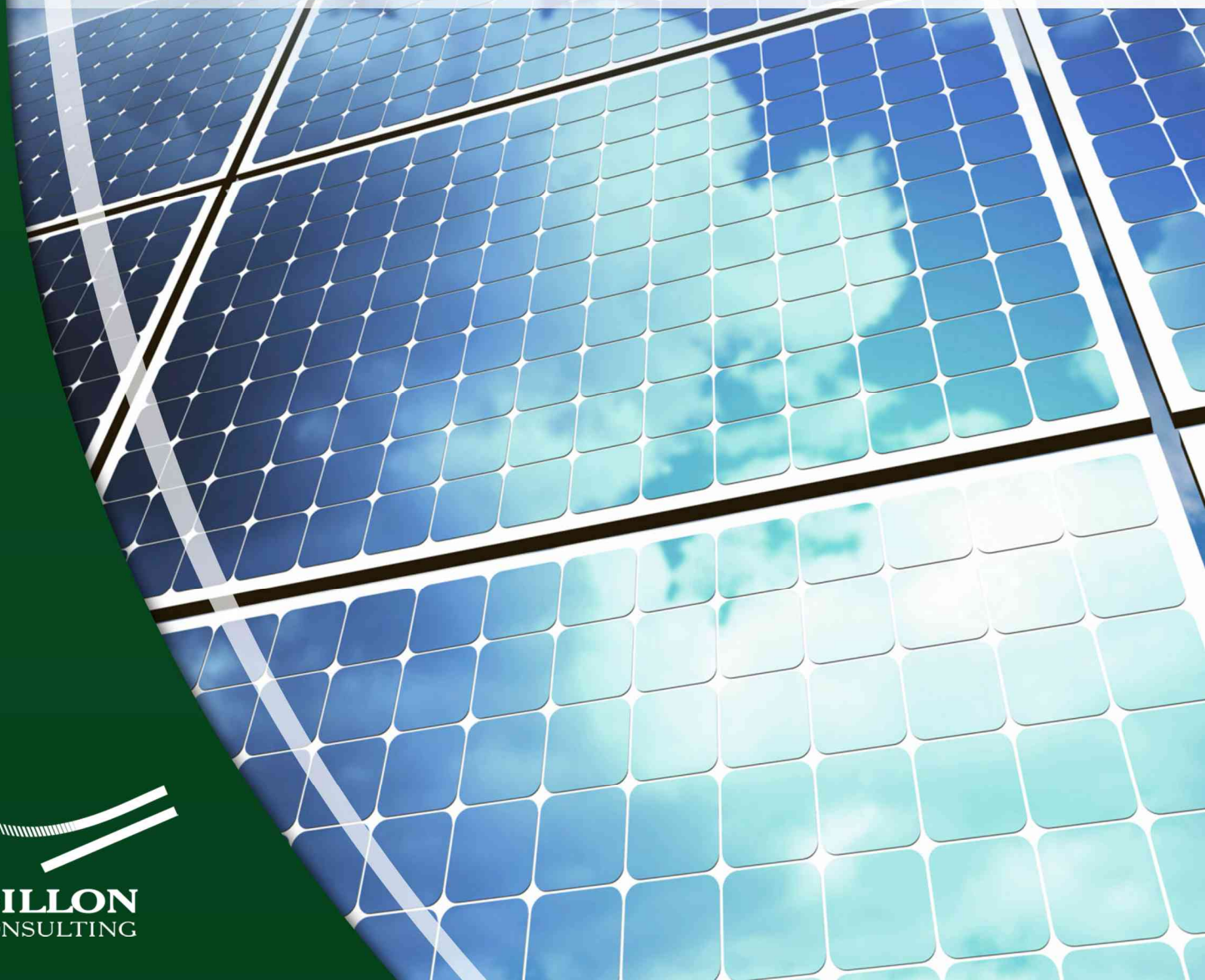
NOISE STUDY REPORT

Southgate Solar Project

DRAFT– December 2014



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1. INTRODUCTION

Southgate Solar LP proposes to develop a solar facility with a maximum name plate capacity of 50 megawatts alternating current (MWac) located near Mount Forest, in the Township of Southgate, County of Grey, Ontario (**Figure 1**). The renewable energy facility will be known as the Southgate Solar Project (the "Project").

Southgate Solar LP has initiated the Project through a power purchase agreement (PPA) with the Ontario Power Authority. The Project will require approval under *Ontario Regulation 359/09* under Part V.0.1 of the *Ontario Environmental Protection Act*.

This draft *Noise Study Report* (NSR) documents the compliance of all existing noise sources at the Project with MOECC Publication *NPC-300 Environmental Noise Guideline's* limits for stationary sources in Class 3 Areas (Rural).

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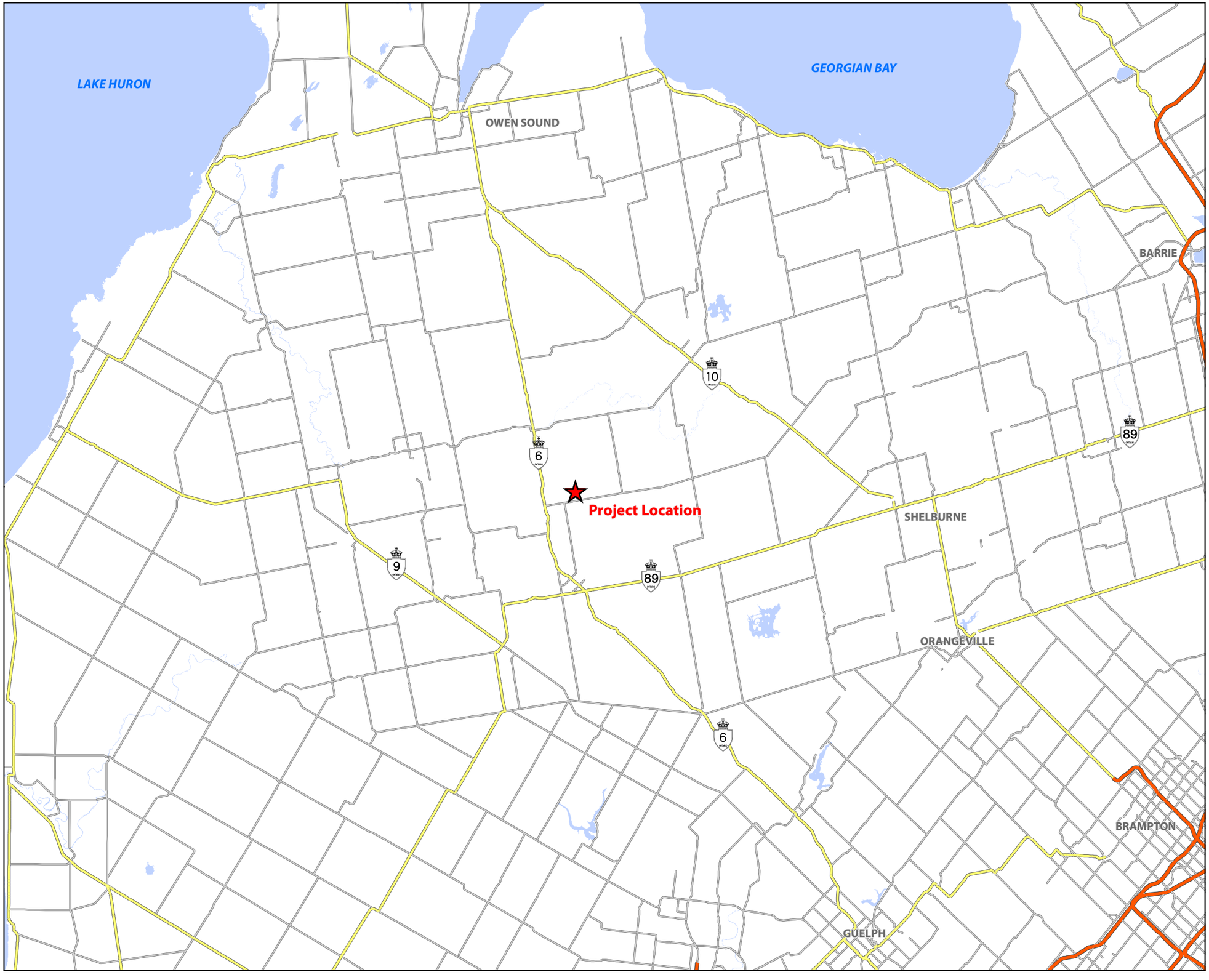

SOUTHGATE SOLAR PROJECT

FIGURE 1
GENERAL PROJECT LOCATION

1:500,000

0 5 10 20 km

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MAP DRAWING INFORMATION:
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MAP CREATED BY: GM
MAP CHECKED BY: MB
MAP PROJECTION: NAD 1983 UTM Zone 17N

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DATE: 11/12/2014

2. THE PROPONENT

In the course of developing renewable energy projects, Southgate Solar LP strives to satisfy various environmental approval requirements and obtains regulatory approvals that vary depending on the jurisdiction, project capacity and site location. In addition, Southgate Solar LP aims to build long-term relationships with the communities that host its projects. Southgate Solar LP is committed to the health and welfare of the residents of the Township of Southgate, and to ensure that the Southgate Solar Project is successful for stakeholders.

Contact information for the Proponent is as follows:

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Telephone:	*1-866-234-7094*
Email:	*ssp@samsungrenewableenergy.ca*

Dillon Consulting Limited is the prime contractor for the preparation of this report. The contact at Dillon is:

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Telephone:	*(905) 901-2912 ext. 3401*
Email:	*menright@dillon.ca*

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3. PROJECT LOCATION

The proposed Class 3 Solar Facility is to be located within the Township of Southgate, in the County of Grey, approximately 11 kilometres north of the community of Mount Forest. The proposed project location consists of approximately 235 hectares (581 acres) and is contained within an area bounded in the north by Southgate Road 24, Grey Road 9 to the south, Southgate Sideroad 47 to the east, and Southgate Sideroad 39 to the west. The proposed project location, consisting of multiple privately-owned parcels, is to be leased by Southgate Solar LP. It has an approximate centroid at the following geographic coordinates:

- Latitude: 44° 6' 7.78" N
- Longitude: 80° 44' 49.91" W

Figure 1 shows the general location of the Project in Ontario. The Project Location is defined in *Ontario Regulation 359/09* to be "a part of land and all or part of any building or structure in, on or over which a person is engaging in or proposes to engage in the project".

Figure 2 shows the proposed layout and location of project components. Further information on facility components making up the Project Location is provided in Section 6 of the *Design and Operations Report*.

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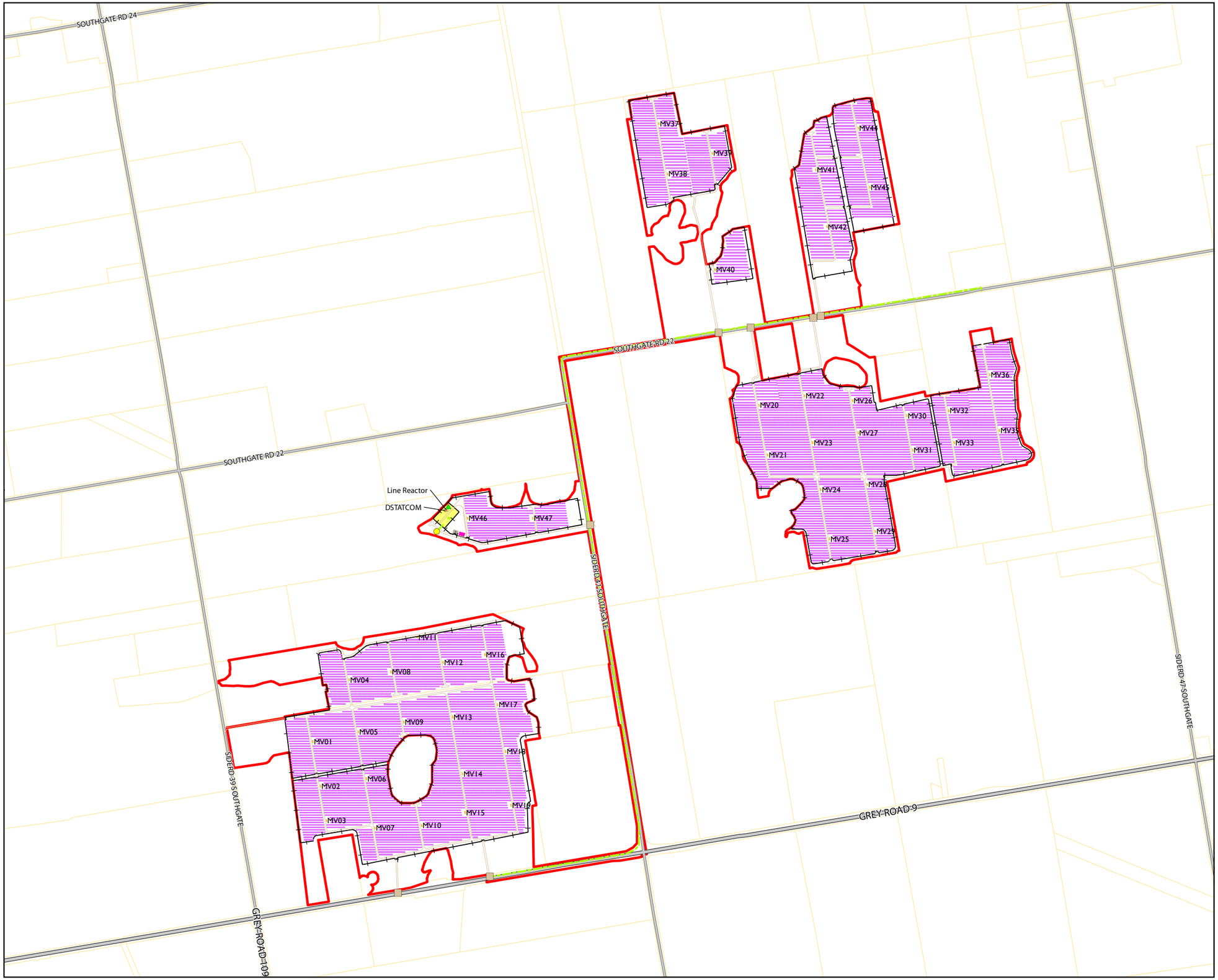

SOUTHGATE SOLAR PROJECT

FIGURE 2
SITE PLAN - COMPONENT LAYOUT

- Site Entrance
- Point of Common Coupling
- Communications Tower
- Overhead Cable
- Fence
- Access Road
- Solar Panel
- Project Location
- Inverter
- Substation Transformer
- Substation
- Operations and Maintenance Building
- Parking Lot
- Parcel Boundary

The area between the fence line and the Project Location is the Area of Operational Flexibility.

1:15,000

0 100 200 400 600 m

N W E S

MAP DRAWING INFORMATION:
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MAP CREATED BY: GM
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MAP PROJECTION: NAD 1983 UTM Zone 17N

FILE LOCATION: I:\GIS\149154 - Samsung Southgate\mxd\Noise

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4. OPERATIONAL FLEXIBILITY

As part of the design of the Project, Southgate Solar LP is requesting to pre-approve changes that may be made to the Project at the time of detailed design. These changes include, but are not limited to general modifications to the site plan that result in a decrease in the Project Location size within the current boundary, and a decrease in the number of Project components or infrastructure (including transformer substation(s), solar inverter/transformer cluster(s)). Adjustments to project components may also occur, however, it is not expected that noise components would be moved greater than 10 m from their current locations. In all cases where an operational or technical change is necessary, the project will remain within the bounds of the Project Location boundary as shown on **Figure 2**, and commitments made in the various technical reports. During operations, routine modifications to the solar facility may be implemented (e.g., repaving of entrance, repairs to fencing, etc.) provided their effects are environmentally insignificant and do not exceed the boundaries of the constructed Project.

The classification (Class 3 Solar Facility) and nameplate capacity (50 Mwac) of the Project are not subject to change. The approved layout will be refined during detailed design to incorporate only the quantity of Project components required for a 50 Mwac facility. The noise assessment herein is for a significantly larger facility (i.e., including overbuild for a total of approximately 65 Mwac).

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5. OVERVIEW OF NOISE STUDY

5.1 Summary of Acoustic Environment & Applicable Noise Limits

The proposed solar facility will be located primarily within lands currently Zoned by the Township of Southgate as Agricultural. The Official Plan for the Township of Southgate designates the Project Location as agricultural, with some land designated as hazard lands and rural. The upper-tier municipality (County of Grey) designates the lands as agricultural and rural, with some hazard lands. The proposed Project Location is comprised of land that is privately owned and will be leased to operate Southgate Solar LP's ground-mount solar project for 20 years.

In accordance with *Ontario Regulation 359/09*, Noise Study Reports are required for Class 3 solar facilities to be prepared in accordance with *Appendix A, Supporting Information for an Acoustic Assessment Report or Vibration Assessment Report Required by a Basic Comprehensive CofA* to the 2004 Ministry of the Environment and Climate Change (MOECC) Publication *Basic Comprehensive Certificates of Approval (Air & Noise) – User Guide.*

Based on the above, the background ambient noise, exclusive of that generated by the Project, can be characterized as having qualities of a Class 3 Area, as described in the MOECC Noise Pollution Control Publication NPC-300.

The NPC-300's Class 3 Area exclusionary limits of 45 dBA for daytime (07:00 to 19:00), 40 dBA for evening (19:00 to 23:00) and 40 dBA for night-time (23:00 to 07:00) were selected to represent the performance limits at noise-sensitive receptors. For the purposes of this report, since the limits for evening and night-time are the same, the night-time is defined as 19:00 to 07:00.

5.2 Statement of Compliance

The analysis presented in this report confirms that for the noise sources and their relevant specifications presented in this report, the proposed Project complies with the Class 3 Areas (rural) daytime and night-time noise criteria as defined in NPC-300.

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6. FACILITY DESCRIPTION

Approximately 197,000 to 207,000 solar panels of 290-305 (or higher) watts (DC) each will be installed for the Project. The estimated number of panels uses a conservative 1.2 DC to AC conversion rate. This results in a high-level estimate for the number of modules (panels) to be installed.

The panels will be aligned in rows approximately 8 to 12 m apart and will be mounted on 28 - 42 degree fixed tilt ground mounting system. Based on the results of a geotechnical investigation, it is anticipated that helical ground screws will be used to minimize potential negative environmental effects. Further details on the racking system and supporting structures are provided in the *Design and Operations Report*.

Photovoltaic (PV) panels will be the technology used to convert solar energy into electricity. DC electricity generated from the panels will be collected and converted into AC electricity by inverters which are contained in multiple medium voltage (MV) stations. The AC voltage will be "stepped-up" to 34.5 kV through multiple MV Stations and connected to the main high voltage (HV) substation transformer where the voltage will be stepped-up to 230 kV and connected to the transmission grid. An MV Station houses multiple components, including inverters and an MV transformer and SCADA monitoring equipment. The components that emit noise are as follows:

- **Substation Transformer (Source ID: TRS)**

One (1) 34.5 kV, 55 MVA (max) high-voltage (HV) substation transformer will be installed to step-up the current for connection with the grid. The HV transformer will be sized appropriately for a 50 MWac solar facility. The size will ultimately be confirmed by the IESO. For the purposes of this study, conservatively, the sound power calculation for the substation transformer was based on a larger (110 MVA) transformer based on available detailed specifications. The calculation includes a 5 dB tonal penalty across the octave spectrum. The specifications are subject to change during the detailed engineering stage, but the capacity and the associated noise level for the substation transformer will not exceed (or will be lower than) the modelled values.

- **DSTATCOM Inverter System (Source ID: DSTAT)**

The proposed Project will include one (1) Distributed STATic COMpensator (DSTATCOM) inverter system at the main HV substation transformer, which will maintain high MVAR output at depressed system voltages. Since the DSTATCOM can maintain a constant current over its operating voltage range, the MVAR output of the system is linearly proportional to the system voltage. The DSTATCOM also has a short-term transient current rating, which allows it to provide even more MVAR to assist in the recovery of depressed voltages.

The DSTATCOM inverter system includes four (4) inverter blocks which are mounted in a single self-standing frame and are enclosed in a steel container (DSTATCOM container). Each inverter has its own controls, circuit breaker and a small AC filter used to eliminate high-frequency harmonic voltages in the output of the pulse width modulated (PWM) waveform coming from the inverter. Each inverter is connected to a 2.5 MVA pad-mounted transformer (a total of four transformers per DSTATCOM inverter system). The DSTATCOM system has a power rating of 10 MVAR.

The noise data for the DSTATCOM inverter system was obtained from a repot completed by HGC Engineering, dated October 21, 2013. A copy of the report is provided in ***Appendix A***. Conservatively, noise data for the higher powered system (i.e., 10 MVAR) was used for the DSTATCOM system.

- **Line Reactor (Source ID: LR)**

The high-voltage substation also includes one (1) 3-phase Line Reactor (LR) with a max power rating of 13 MVAR for connection to the grid. The function of the line reactor is to filter out spikes of current that may exist between power generation and load (the grid). The line reactor consists of three isolated inductors, one for each of the three line phases. The noise for the line reactor was calculated using manufacturer-specified data and calculation of spectrum similar to that of a transformer. Manufacturer data and calculations are presented in ***Appendix A***.

- **Medium Voltage Stations**

To accommodate the operational flexibility described in **Section 4**, the modelling in this *Noise Study Report* considers noise impacts for approrximately forty five (45) Medium Voltage (MV) Stations. Thirty-eight (38) stations consist of two (2) inverters and one (1) 1.6 MVA inverter transformer and seven (7) stations (MV3, MV11, MV26, MV30, MV32, MV40 and MV46) with only one (1) inverter and one (1) 0.8 MVA inverter transformer. The noise sources for the MV Stations are as follows:

- ***Inverters (Source ID: MV##) –*** A total maximum of 83 inverters (to convert DC to AC current) will be used at the Project Location. Each inverter will have its own cabinet-type enclosure and will be mounted on a concrete platform inside a larger enclosure. Each inverter enclosure will include two (2) inverters, except MV3, MV11, MV26, MV30, MV32, MV40 and MV46, which have only one inverter. The inverters will be SMA's model SC800CP, rated for up to 800 kW of continuous power output. The manufacturer's noise data for the inverter is provided in ***Appendix A***.

- ***Inverter Transformers (Source ID: MV##T) –*** A total maximum of 45 inverter transformers will be installed beside the inverter enclosures at each MV Station to boost the AC voltage for connection to the grid. The inverter transformers will have a power rating of up to 1.6 MVA, except for MV3T, MV11T, MV26T, MV30T, MV32T, MV40T and MV46T which will have ratings of 0.8 MVA. The inverter transformers will boost the voltage from 360 V to 34.5 kV for connection to the high-voltage substation transformer. The inverter transformers will be located on concrete platforms next to the inverter enclosures. The noise data for the inverter transformer was calculated based on the applicable IEEE Standard. It should be noted that the calculations are based on conservative noise ratings for the transformers, so they do not reflect the quieter transformers referenced in Section 5.3 in the *Design and Operations Report*. The noise levels modelled are subject to change during the detailed engineering stage, but the levels will not exceed those modelled herein (see ***Appendix A***).

Figure 2 identifies the facility components. The octave spectra and the overall Sound Power Levels (PWLs) for on-site noise sources are presented in **Table 1**.

Table 1: Summary of Noise Source Types

Source		Octave Spectrum (dB)									Overall	
Type	Count	31.5	63	125	250	500	1000	2000	4000	8000	A	lin
Substation Transformer * (55 MVA)	1	84.5	90.5	92.5	87.5	87.5	81.5	76.5	71.5	64.5	87.9	96.5
1.6 MVA Inverter Transformer	38	65.3	71.3	73.3	68.3	68.3	62.3	57.3	52.3	45.3	68.7	77.3
0.8 MVA Inverter Transformer	7	66.2	72.2	74.2	69.2	69.2	63.2	58.2	53.2	46.2	69.6	78.2
Inverter (800 kW)	83	96.2	89.1	86.7	88.2	88.3	82.7	86.4	95	84.4	97.3	100.4
DSTATCOM 10 mVAR	1		93	111	95	91	80	74	84	74	96.6	111.2
Line Reactor	1	78.6	84.6	86.6	81.6	81.6	75.6	70.6	65.6	58.6	82	90.6

Note:
A: A-weighted, Lin: Linear
The manufacturer-specified A-weighted spectra were converted to linear spectra and presented in this table.
The 5 dB tonal penalty is included in the sound power levels presented in the table.

* The substation transformer for this Project will be 55 MVA. However, as previously noted, to be conservative data for a 110 MVA transformer has been used in this table based on available detailed specifications. The specifications would be subject to change during the detailed engineering stage, but the capacity of the substation transformer will not exceed (or will be lower than) the modelled threshold.

6.1 Operating Hours of Facility

The solar facility is designed to operate 365 days per year. The solar panels are only able to generate electricity when the sun is shining. Similarly, the inverters only operate when the solar panels are generating electricity. Furthermore, the inverters infrequently operate at full power as full power output requires a clear sky when the sun is at peak intensity. For this assessment the inverters and transformers were conservatively assumed to be operational at full power (i.e., maximum noise emission) during both daytime (07:00 to 19:00) and night-time (19:00 to 07:00) hours [note: night-time power generation occurs after 19:00 during the summer].

6.2 Site Plan Identifying All Significant Noise Sources

Figures 3 illustrates the Project Location and identifies noise sources associated with the facility. **Figure 3** also identifies 'Potential Noise Receptors' within 1 kilometre of the Project Location. In addition, as per *Ontario Regulation 359/09* and guidance documents from the MOECC, 'Assumed Future Noise Receptors' must be identified on vacant lots measuring at least 100

metres by 100 metres. Thirteen (13) vacant lot noise receptors have been identified and are included in the analysis, all of which are within 1 kilometre of the Project Location (see **Figure 3**). At present, there are no known existing or planned solar facilities in the vicinity that must be considered for modelling.

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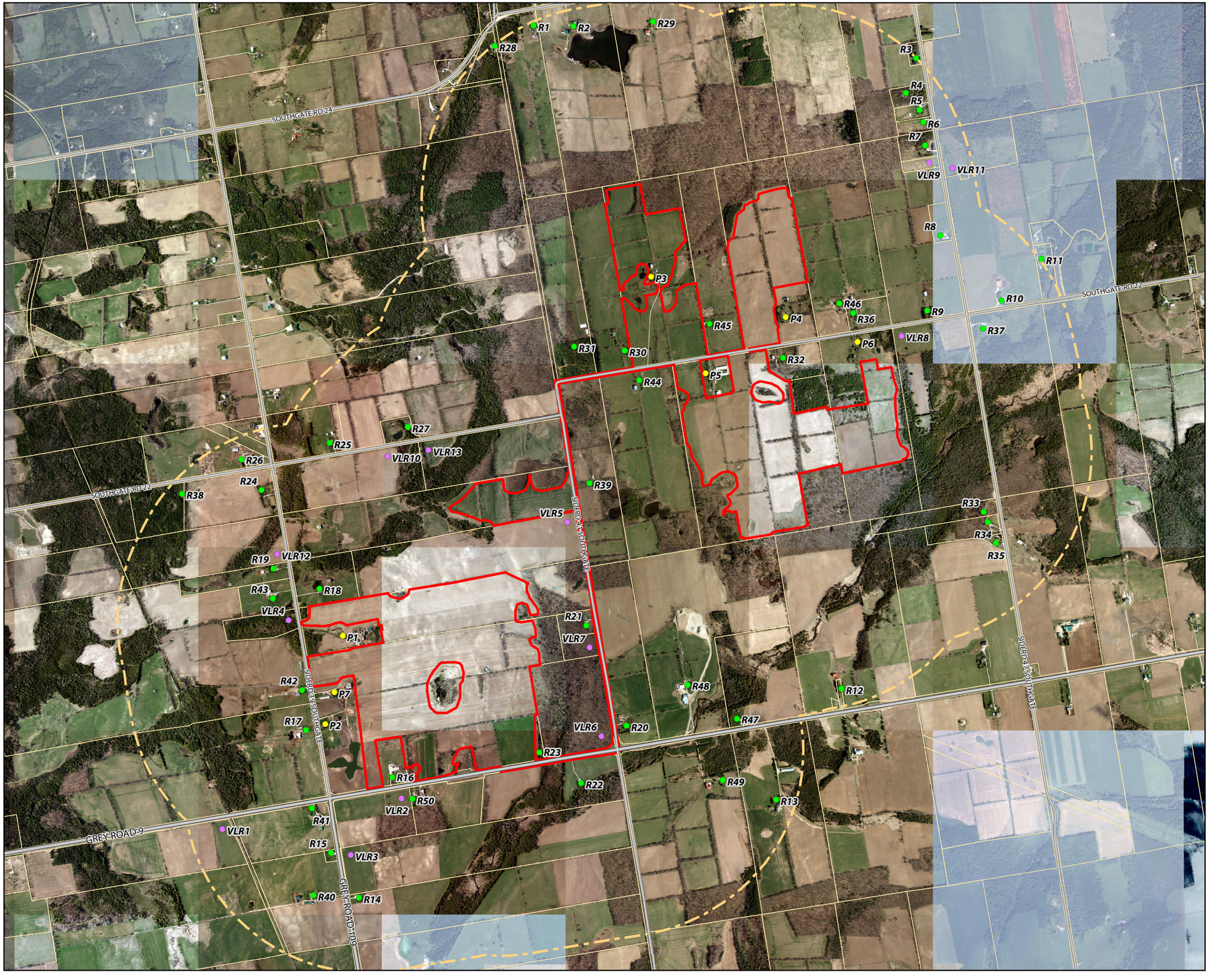

SOUTHGATE SOLAR PROJECT

FIGURE 3
SCALED AREA LOCATION PLAN

- Noise Receptor
- Noise Receptor Involved with the Solar Project as Land Owners
- Vacant Lot Noise Receptor
- Project Location
- Project Location 1000 m Setback
- Parcel Boundary

1:20,000

0 100 200 400 600 m

N W E S

MAP DRAWING INFORMATION:
DATA PROVIDED BY MNR

MAP CREATED BY: GM
MAP CHECKED BY: JP
MAP PROJECTION: NAD 1983 UTM Zone 17N

FILE LOCATION: I:\GIS\149154 - Samsung Southgate\mxd\Noise

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PROJECT: 149154
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DATE: 12/1/2014

7. NOISE SOURCE SUMMARY

7.1 Noise Source Summary Table

The significant noise sources identified in this noise study are listed in **Table 2**. This table contains sound power levels, source location, sound characteristics, and noise control measures that already exist as a part of the original equipment.

Table 2: Noise Source Summary

Noise Source ID	PWL (dBA)	Source Location[1] (I or O)	Sound Characteristics[2] (S,Q,I,B,T,C)	Noise Control Measures[3] (S,A,B,L,E,O,U)	UTM Coordinates		Height (m)
					X (m)	Y (m)	
MV1	100.3	O	T	U	518942	4882344	2
MV1T	68.7	O	T	U	518942	4882350	2
MV2	100.3	O	T	U	518973	4882164	2
MV2T	68.7	O	T	U	518973	4882170	2
MV3	97.3	O	T	U	518998	4882024	2
MV3T	69.5	O	T	U	518997	4882030	2
MV4	100.3	O	T	U	519090	4882595	2
MV4T	68.7	O	T	U	519089	4882601	2
MV5	100.3	O	T	U	519127	4882384	2
MV5T	68.7	O	T	U	519126	4882390	2
MV6	100.3	O	T	U	519159	4882194	2
MV6T	68.7	O	T	U	519159	4882200	2
MV7	100.3	O	T	U	519194	4881994	2
MV7T	68.7	O	T	U	519193	4882000	2
MV8	100.3	O	T	U	519258	4882631	2
MV8T	68.7	O	T	U	519259	4882625	2
MV9	100.3	O	T	U	519311	4882424	2
MV9T	68.7	O	T	U	519310	4882430	2
MV10	100.3	O	T	U	519383	4882004	2
MV10T	68.7	O	T	U	519383	4882010	2
MV11	97.3	O	T	U	519365	4882770	2
MV11T	69.5	O	T	U	519371	4882770	2
MV12	100.3	O	T	U	519471	4882665	2

Noise Source ID	PWL (dBA)	Source Location[1] (I or O)	Sound Characteristics[2] (S,Q,I,B,T,C)	Noise Control Measures[3] (S,A,B,L,E,O,U)	UTM Coordinates		Height (m)
					X (m)	Y (m)	
MV12T	68.7	O	T	U	519470	4882671	2
MV13	100.3	O	T	U	519509	4882444	2
MV13T	68.7	O	T	U	519509	4882450	2
MV14	100.3	O	T	U	519549	4882214	2
MV14T	68.7	O	T	U	519549	4882220	2
MV15	100.3	O	T	U	519559	4882060	2
MV15T	68.7	O	T	U	519559	4882055	2
MV16	100.3	O	T	U	519639	4882701	2
MV16T	68.7	O	T	U	519640	4882695	2
MV17	100.3	O	T	U	519692	4882494	2
MV17T	68.7	O	T	U	519691	4882500	2
MV18	100.3	O	T	U	519725	4882304	2
MV18T	68.7	O	T	U	519724	4882310	2
MV19	89.1	O	T	S	519745	4882090	2
MV19T	68.7	O	T	U	519746	4882084	2
MV20	100.3	O	T	U	520752	4883709	2
MV20T	68.7	O	T	U	520751	4883715	2
MV21	100.3	O	T	U	520787	4883507	2
MV21T	68.7	O	T	U	520786	4883513	2
MV22	100.3	O	T	U	520937	4883747	2
MV22T	68.7	O	T	U	520936	4883753	2
MV23	100.3	O	T	U	520970	4883557	2
MV23T	68.7	O	T	U	520969	4883563	2
MV24	100.3	O	T	U	521002	4883367	2
MV24T	68.7	O	T	U	521002	4883373	2
MV25	100.3	O	T	U	521037	4883167	2
MV25T	68.7	O	T	U	521036	4883173	2
MV26	97.3	O	T	U	521132	4883727	2
MV26T	69.5	O	T	U	521131	4883733	2
MV27	100.3	O	T	U	521154	4883597	2

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Noise Source ID	PWL (dBA)	Source Location[1] (I or O)	Sound Characteristics[2] (S,Q,I,B,T,C)	Noise Control Measures[3] (S,A,B,L,E,O,U)	UTM Coordinates		Height (m)
					X (m)	Y (m)	
MV27T	68.7	O	T	U	521154	4883603	2
MV28	100.3	O	T	U	521190	4883387	2
MV28T	68.7	O	T	U	521190	4883393	2
MV29	100.3	O	T	U	521223	4883197	2
MV29T	68.7	O	T	U	521223	4883203	2
MV30	97.3	O	T	U	521351	4883667	2
MV30T	69.5	O	T	U	521351	4883673	2
MV31	100.3	O	T	U	521375	4883527	2
MV31T	68.7	O	T	U	521375	4883533	2
MV32	97.3	O	T	U	521521	4883687	2
MV32T	69.5	O	T	U	521521	4883693	2
MV33	100.3	O	T	U	521544	4883557	2
MV33T	68.7	O	T	U	521543	4883563	2
MV35	100.3	O	T	U	521726	4883607	2
MV35T	68.7	O	T	U	521726	4883613	2
MV36	100.3	O	T	U	521687	4883833	2
MV36T	68.7	O	T	U	521687	4883839	2
MV37	100.3	O	T	U	520346	4884851	2
MV37T	68.7	O	T	U	520345	4884857	2
MV38	100.3	O	T	U	520381	4884647	2
MV38T	68.7	O	T	U	520380	4884653	2
MV39	100.3	O	T	U	520562	4884731	2
MV39T	68.7	O	T	U	520562	4884737	2
MV40	86.1	O	T	S	520574	4884259	2
MV40T	69.5	O	T	U	520574	4884265	2
MV41	100.3	O	T	U	520981	4884668	2
MV41T	68.7	O	T	U	520982	4884662	2
MV42	100.3	O	T	U	521027	4884437	2
MV42T	68.7	O	T	U	521027	4884431	2
MV44	100.3	O	T	U	521154	4884833	2

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Noise Source ID	PWL (dBA)	Source Location[1] (I or O)	Sound Characteristics[2] (S,Q,I,B,T,C)	Noise Control Measures[3] (S,A,B,L,E,O,U)	UTM Coordinates		Height (m)
					X (m)	Y (m)	
MV44T	68.7	O	T	U	521154	4884839	2
MV45	100.3	O	T	U	521201	4884593	2
MV45T	68.7	O	T	U	521201	4884599	2
MV46	97.3	O	T	U	519569	4883250	2
MV46T	69.5	O	T	U	519569	4883256	2
MV47	89.1	O	T	S	519833	4883254	2
MV47T	68.7	O	T	U	519834	4883248	2
TRS	87.9	O	T	U	519493	4883252	3.5
DSTAT	96.6	O	T	U	519479	4883283	2.5
LR	82	O	T	U	519485	4883285	6.8

Note:
PWL (dBA) represents A-weighted overall sound power level for each noise source.

Noise Source Summary Table Notes:

1. Source Locations

O – located/installed outside of a building, including on the roof

I – located/installed inside a building

2. Sound Characteristics

S – Steady
Q – Quasi Steady Impulsive

I – Impulsive
B – Buzzing
T – Tonal
C – Cyclic
Int – Intermittent

3. Noise Control Measures

S – silencer, acoustic louver, muffler
A – acoustic lining, plenum
B – barrier, berm, screening
L – lagging
E – acoustic enclosure
O – other
U – uncontrolled

7.2 Noise Source Specifications

Noise source specifications including manufacturer-specified noise data and calculation of transformer noise levels are provided in ***Appendix A***.

7.3 Source Power/Capacity Ratings

Manufacturer data for capacity and operating specifications for primary noise sources can be found in ***Appendix A.***

7.4 Noise Control Description & Acoustical Specifications

For all the inverter stations, the inverters will each be contained in a cabinet (as per the specifications presented in ***Appendix A***) and a secondary enclosure. The secondary enclosure will have louvers for ventilation through which noise can propagate to the outside. Conservatively, no additional noise mitigation measure was incorporated in the modelling for the secondary enclosure. It was determined through noise modelling that no additional noise mitigation measures are required for the Project to achieve compliance.

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8. POINT OF RECEPTION NOISE IMPACT ANALYSIS

8.1 Land Use Zoning Plan

The proposed solar facility will be located primarily within lands currently Zoned by the Township of Southgate as Agricultural. The Official Plan for the Township of Southgate designates the Project Location as Agricultural, with some land designated as Hazard Lands and Rural. The upper-tier municipality (County of Grey) designates the lands as Agricultural and Rural, with some Hazard Lands. Zoning and land use information is found in the Section 5.3 in *Design and Operations Report* of the REA submission.

8.2 Scaled Area Location Plan

Figure 3 is an aerial photo showing the location of the proposed Project as well as the surrounding area and nearby receptors.

8.3 Points of Reception (PORs) List and Description

The Model Municipal Noise Control By-Law defines a Point of Reception (POR) / receptor as "*any point on the premises of a person where sound or vibration originating from other than those premises is received.*" Noise-sensitive receptors, as defined in MOECC Publication NPC-300, include the following land uses:

- Permanent, seasonal, or rental residences
- Hotels, motels and campgrounds
- Schools, universities, libraries and daycare centres
- Hospitals and clinics, nursing/retirement homes
- Churches and places of worship

A receptor height of 4.5 metres was considered for all receptors, assuming a 2-storey dwelling at each receptor location. The UTM coordinates (NAD83) and heights of the receptors used in the noise modelling are summarized in **Table 3**. For the vacant lots, the centres of the 100 metre x 100 metre lots that follow the building patterns in the area were chosen to represent the receptor locations, as per relevant MOECC guidelines.

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Table 3: Noise Sensitive Receptors – Coordinates

Point of Reception		Coordinates		Height
ID	Description	UTM-X (m)	UTM-Y (m)	(m)
R1	Existing Noise Receptor	519828	4885842	4.5
R2	Existing Noise Receptor	520044	4885839	4.5
R3	Existing Noise Receptor	521911	4885662	4.5
R4	Existing Noise Receptor	521857	4885474	4.5
R5	Existing Noise Receptor	521930	4885381	4.5
R6	Existing Noise Receptor	521950	4885315	4.5
R7	Existing Noise Receptor	521960	4885188	4.5
R8	Existing Noise Receptor	522044	4884698	4.5
R9	Existing Noise Receptor	521972	4884286	4.5
R10	Existing Noise Receptor	522376	4884344	4.5
R11	Existing Noise Receptor	522594	4884570	4.5
R12	Existing Noise Receptor	521505	4882229	4.5
R13	Existing Noise Receptor	521149	4881624	4.5
R14	Existing Noise Receptor	518878	4881090	4.5
R15	Existing Noise Receptor	518724	4881336	4.5
R16	Existing Noise Receptor	519058	4881746	4.5
R17	Existing Noise Receptor	518588	4882002	4.5
R18	Existing Noise Receptor	518661	4882773	4.5
R19	Existing Noise Receptor	518410	4882883	4.5
R20	Existing Noise Receptor	520335	4882026	4.5
R21	Existing Noise Receptor	520115	4882572	4.5
R22	Existing Noise Receptor	520087	4881714	4.5
R23	Existing Noise Receptor	519858	4881880	4.5
R24	Existing Noise Receptor	518346	4883309	4.5
R25	Existing Noise Receptor	518717	4883567	4.5

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Point of Reception		Coordinates		Height
ID	Description	UTM-X (m)	UTM-Y (m)	(m)
R26	Existing Noise Receptor	518236	4883477	4.5
R27	Existing Noise Receptor	519141	4883653	4.5
R28	Existing Noise Receptor	519616	4885730	4.5
R29	Existing Noise Receptor	520478	4885862	4.5
R30	Existing Noise Receptor	520324	4884070	4.5
R31	Existing Noise Receptor	520048	4884092	4.5
R32	Existing Noise Receptor	521186	4884030	4.5
R33	Existing Noise Receptor	522280	4883191	4.5
R34	Existing Noise Receptor	522303	4883136	4.5
R35	Existing Noise Receptor	522346	4883022	4.5
R36	Existing Noise Receptor	521568	4884275	4.5
R37	Existing Noise Receptor	522275	4884190	4.5
R38	Existing Noise Receptor	517912	4883290	4.5
R39	Existing Noise Receptor	520132	4883347	4.5
R40	Existing Noise Receptor	518629	4881104	4.5
R41	Existing Noise Receptor	518620	4881578	4.5
R42	Existing Noise Receptor	518565	4882221	4.5
R43	Existing Noise Receptor	518406	4882721	4.5
R44	Existing Noise Receptor	520403	4883908	4.5
R45	Existing Noise Receptor	520787	4884216	4.5
R46	Existing Noise Receptor	521493	4884328	4.5
R47	Existing Noise Receptor	520935	4882063	4.5
R48	Existing Noise Receptor	520666	4882250	4.5
R49	Existing Noise Receptor	520857	4881730	4.5
R50	Existing Noise Receptor	519168	4881628	4.5
VLR1	Vacant Lot Noise Receptor	518133	4881463	4.5

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Point of Reception		Coordinates		Height
ID	Description	UTM-X (m)	UTM-Y (m)	(m)
VLR2	Vacant Lot Noise Receptor	519108	4881632	4.5
VLR3	Vacant Lot Noise Receptor	518832	4881323	4.5
VLR4	Vacant Lot Noise Receptor	518493	4882602	4.5
VLR5	Vacant Lot Noise Receptor	520011	4883135	4.5
VLR6	Vacant Lot Noise Receptor	520196	4881971	4.5
VLR7	Vacant Lot Noise Receptor	520133	4882452	4.5
VLR8	Vacant Lot Noise Receptor	521831	4884149	4.5
VLR9	Vacant Lot Noise Receptor	521982	4885094	4.5
VLR10	Vacant Lot Noise Receptor	519032	4883494	4.5
VLR11	Vacant Lot Noise Receptor	522109	4885064	4.5
VLR12	Vacant Lot Noise Receptor	518431	4882960	4.5
VLR13	Vacant Lot Noise Receptor	519254	4883529	4.5
P1	Project land owner receptor	518788	4882517	4.5
P2	Project land owner receptor	518692	4882037	4.5
P3	Project land owner receptor	520467	4884471	4.5
P4	Project land owner receptor	521201	4884253	4.5
P5	Project land owner receptor	520764	4883947	4.5
P6	Project land owner receptor	521593	4884117	4.5
R46	Existing Noise Receptor	521493	4884328	4.5
R47	Existing Noise Receptor	520935	4882063	4.5
R48	Existing Noise Receptor	520666	4882250	4.5
R49	Existing Noise Receptor	520857	4881730	4.5
R50	Existing Noise Receptor	519168	4881628	4.5
VLR1	Vacant Lot Noise Receptor	518133	4881463	4.5
VLR2	Vacant Lot Noise Receptor	519108	4881632	4.5
VLR3	Vacant Lot Noise Receptor	518832	4881323	4.5

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Point of Reception		Coordinates		Height
ID	Description	UTM-X (m)	UTM-Y (m)	(m)
VLR4	Vacant Lot Noise Receptor	518493	4882602	4.5
VLR5	Vacant Lot Noise Receptor	520011	4883135	4.5
VLR6	Vacant Lot Noise Receptor	520196	4881971	4.5
VLR7	Vacant Lot Noise Receptor	520133	4882452	4.5
VLR8	Vacant Lot Noise Receptor	521831	4884149	4.5
VLR9	Vacant Lot Noise Receptor	521982	4885094	4.5
VLR10	Vacant Lot Noise Receptor	519032	4883494	4.5
VLR11	Vacant Lot Noise Receptor	522109	4885064	4.5
VLR12	Vacant Lot Noise Receptor	518431	4882960	4.5
VLR13	Vacant Lot Noise Receptor	519254	4883529	4.5
P1	Project land owner receptor	518788	4882517	4.5
P2	Project land owner receptor	518692	4882037	4.5
P3	Project land owner receptor	520467	4884471	4.5
P4	Project land owner receptor	521201	4884253	4.5
P5	Project land owner receptor	520764	4883947	4.5
P6	Project land owner receptor	521593	4884117	4.5
P7	Project land owner receptor	518741	4882209	4.5

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8.4 Procedure for Assessing Noise Impacts at Each POR

8.4.1 Method Selection Factors

The worst-case noise emission scenario at each POR was modeled using the CADNA/A software program from DataKustik GmbH. The outdoor noise propagation model is based on ISO 9613, Part 1: Calculation of the absorption of sound by the atmosphere, 1993 and Part 2: General method of calculation (ISO-9613-2: 1996). The model is capable of incorporating various site-specific features such as elevation, berms, ground absorption and barriers to accurately predict noise levels at specific receptors, pertaining to noise emissions from a particular source(s). Modeling output in the form of sound level contour (for 40 dBA) are presented in **Figures 4** and **5** for 1.5 m and 4.5 m elevation, respectively.

8.5 Ambient Determination

No on-site measurements were made to assess the background ambient noise level at the noise-sensitive receptors. Therefore, conservatively, the MOECC's default day and night-time criteria for a Class 3 Area were used for this assessment.

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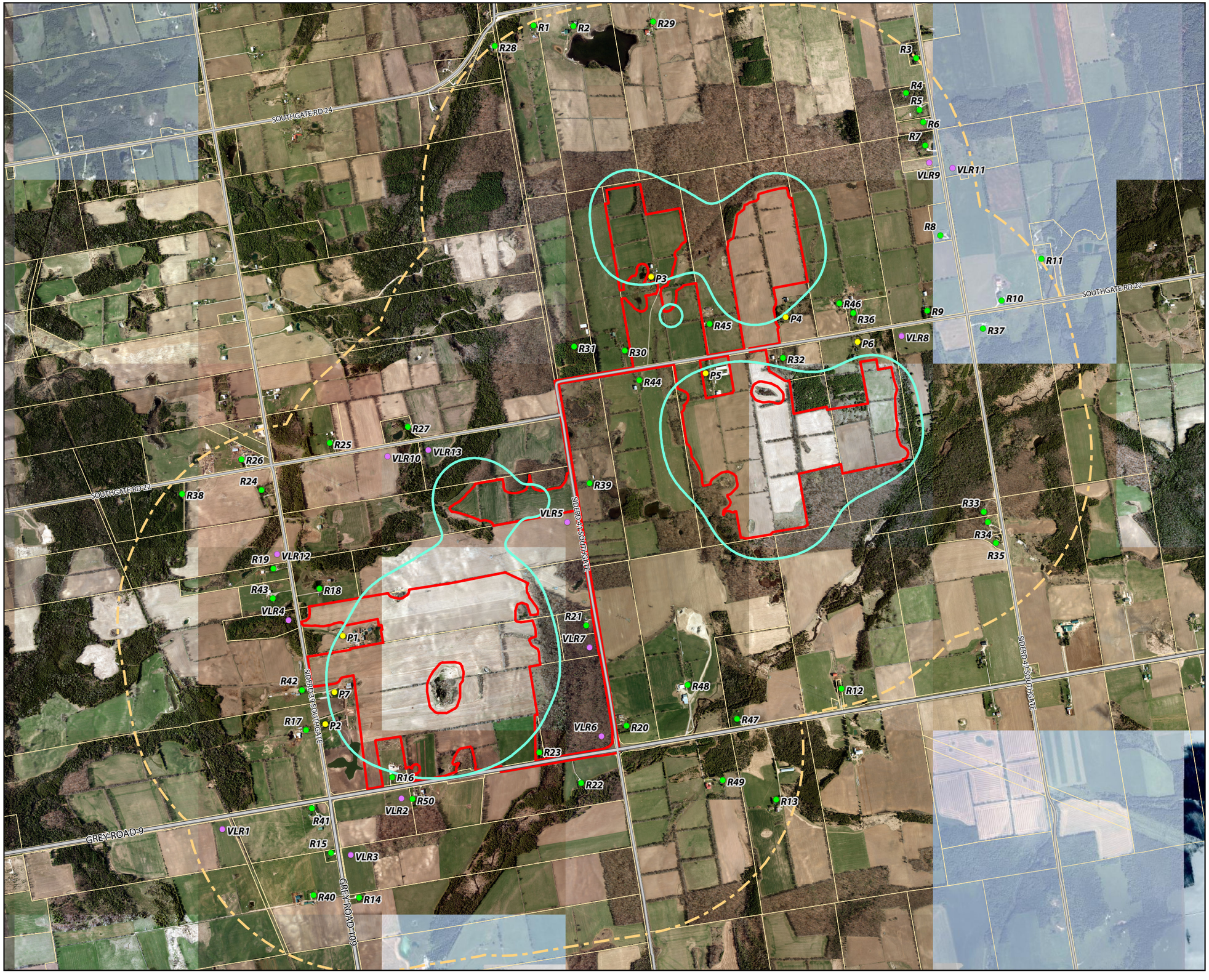


SOUTHGATE SOLAR PROJECT

FIGURE 4
PREDICTED NOISE LEVEL CONTOURS AT 1.5 m HEIGHT

- Noise Receptor
- Noise Receptor Involved with the Solar Project as Land Owners
- Vacant Lot Noise Receptor
- 40 dBA Noise Contour at 1.5 m
- Project Location
- Project Location 1000 m Setback
- Parcel Boundary

1:20,000

0 100 200 400 600 m

N W E S

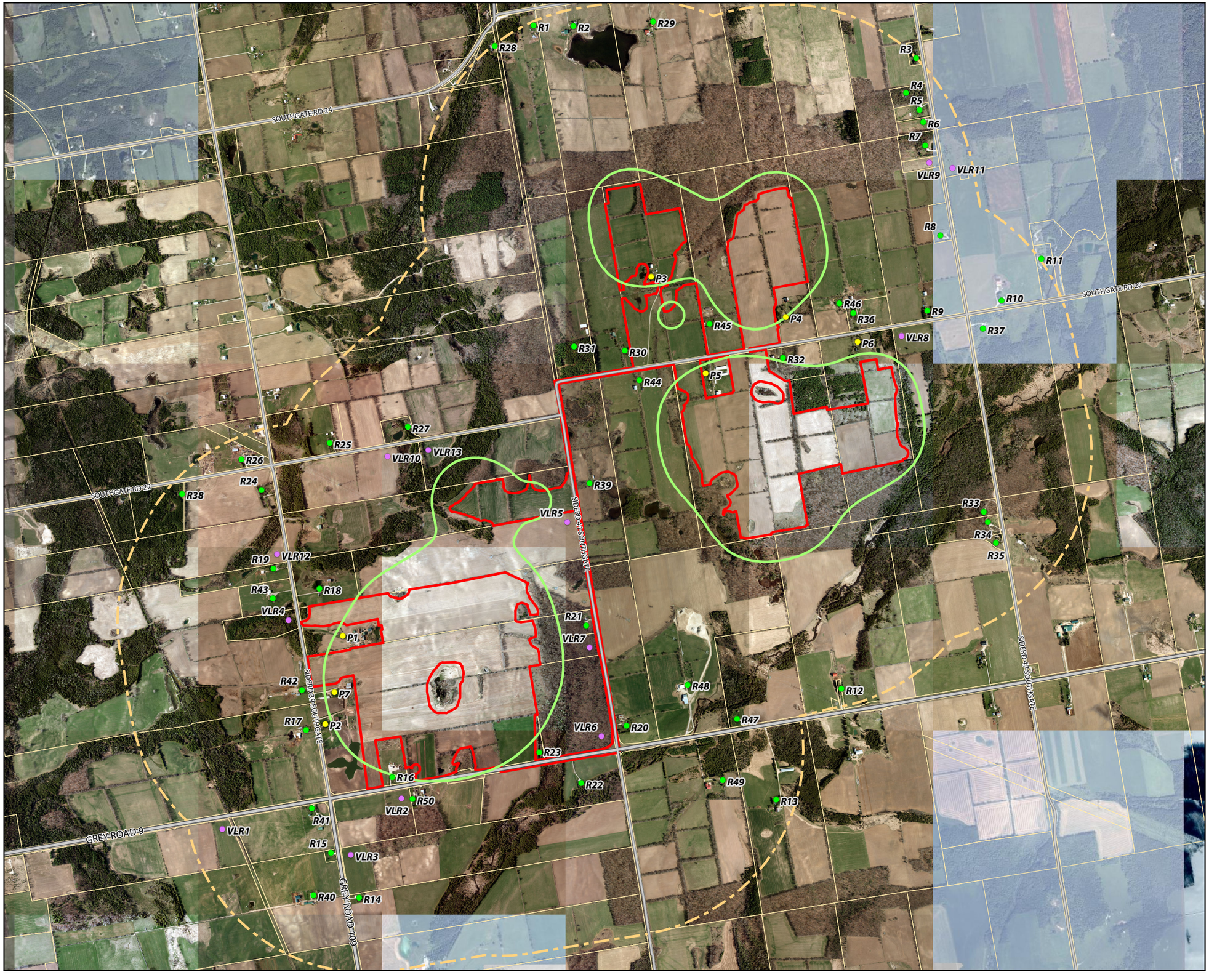
MAP DRAWING INFORMATION:
DATA PROVIDED BY MNR

MAP CREATED BY: GM
MAP CHECKED BY: JP
MAP PROJECTION: NAD 1983 UTM Zone 17N

FILE LOCATION: I:\GIS\149154 - Samsung Southgate\mxd\Noise

DILLON CONSULTING

PROJECT: 149154
STATUS: DRAFT
DATE: 12/1/2014



SOUTHGATE SOLAR PROJECT

FIGURE 5
PREDICTED NOISE LEVEL CONTOURS AT 4.5 m HEIGHT

- Noise Receptor
- Noise Receptor Involved with the Solar Project as Land Owners
- Vacant Lot Noise Receptor
- 40 dBA Noise Contour at 4.5 m
- Project Location
- Project Location 1000 m Setback
- Parcel Boundary

1:20,000

0 100 200 400 600 m

N W E S

MAP DRAWING INFORMATION:
DATA PROVIDED BY MNR

MAP CREATED BY: GM
MAP CHECKED BY: JP
MAP PROJECTION: NAD 1983 UTM Zone 17N

FILE LOCATION: I:\GIS\149154 - Samsung Southgate\mxd\Noise

DILLON CONSULTING

PROJECT: 149154
STATUS: DRAFT
DATE: 12/1/2014

8.6 Parameter/Assumptions for Calculations

Manufacturer-specified noise data and calculated noise levels were used in the CADNA/A software to model the noise impact at each Point of Reception (POR). Also incorporated in the modelling was the site layout for the project and the terrain elevation (i.e., elevation contours) for the Project Location and surrounding areas. The noise impact for each receptor was modelled assuming the worst-case noise emission scenario at the site. The dominant noise sources for the facility include:

- MV Stations (consisting of inverters and inverter transformers)
- DSTATCOM Unit
- Line Reactor
- Substation Transformer

Detailed information on these dominant noise sources is provided in **Section 5**.

Receptors – A receptor height of 4.5 metres representing a receiver in the plane of a second floor window (i.e., 2-storey dwelling) was assumed for each of the receptors.

Reflections – Conservatively, sources were modeled assuming a third order reflection.

Ground Absorption – For the noise modeling, a ground absorption coefficient of 0.7 was used to represent the mostly absorptive, vegetated areas, between the on-site sources and receptors.

Topography – The Project Location may be graded for the installation of the solar panels; however, topographical features may exists beyond the project boundary that may eliminate the direct line-of-sight between some of the on-site noise sources and the receptors, likely resulting in lower noise levels at the receptors. Nevertheless, conservatively, the topography was not included in the noise modelling.

8.7 Point of Reception Noise Impact Table

Table 4 summarizes the partial noise levels (i.e., contribution from each of the on-site noise sources to the receptor noise levels) and corresponding source-receptor distance for the closest receptors to the Project Location. The sound level at the POR accounts for attenuation by divergence (distance), applicable barrier/screening effects, ground effects, foliage, and atmospheric absorption. This table gives the sum total of these attenuations for each source. Details of the noise modelling (CADNA/A output file) are provided in ***Appendix B*** – CADNA/A Model Output. Graphical output generated by CADNA/A, showing the modelled sound level emissions for the site are shown in **Figures 4** and **5.**

Table 4: Point of Reception Noise Impact Table – Partial Levels (dBA)

R32			R21			R16			VL13		
Source ID	Dist. (m)	Partial (dBA)	Source ID	Dist. (m)	Partial (dBA)	Source ID	Dist. (m)	Partial (dBA)	Source ID	Dist. (m)	Partial (dBA)
MV22	377	31.0	MV17	430	29.3	MV7	283	34.8	DSTAT	334	32.7
MV27	434	29.2	MV18	474	28.1	MV3	284	31.7	MV46	421	26.6
MV26	308	30.7	MV16	493	27.6	MV10	415	29.8	MV12	891	20.1
MV42	437	29.1	MV13	619	24.6	MV2	426	29.4	MV8	898	20.0
MV23	520	26.8	MV12	651	24.0	MV6	459	28.5	MV16	913	19.8
MV31	538	26.4	MV14	670	23.6	MV15	591	25.2	MV4	948	19.3
MV36	539	26.4	MV15	756	22.1	MV1	609	24.8	MV11	767	18.9
MV20	540	26.4	MV9	818	21.2	MV5	642	24.2	MV9	1107	17.4
MV45	563	25.8	MV8	859	20.5	MV14	678	23.5	MV13	1115	17.3
MV30	399	27.3	MV10	926	19.6	MV9	724	22.7	MV17	1124	17.2
MV33	593	25.2	MV5	1006	18.6	MV13	831	21.0	MV5	1152	16.9
MV28	643	24.1	MV4	1025	18.3	MV4	850	20.7	MV1	1225	16.1
MV21	658	23.9	MV6	1028	18.3	MV18	869	20.4	MV18	1312	15.2
MV41	670	23.6	MV7	1087	17.6	MV8	907	19.9	MV6	1338	15.0
MV32	480	24.9	MV11	776	18.8	MV17	980	18.9	MV14	1348	14.9
MV35	686	23.3	MV25	1097	17.5	MV12	1008	18.6	MV2	1394	14.5
MV24	688	23.3	MV21	1151	16.9	MV16	1118	17.3	MV15	1500	13.5
MV44	804	21.4	MV24	1191	16.5	MV11	1069	14.8	MV20	1508	13.4
MV29	834	20.9	MV1	1195	16.4	MV46	1589	9.8	MV10	1531	13.2
MV25	876	20.3	MV2	1212	16.2	DSTAT	1593	17.0	TRS	366	25.1
MV39	938	19.4	MV46	871	17.4	MV19	768	13.9	MV21	1533	13.2
MV38	1014	18.5	MV29	1272	15.6	MV47	1696	5.1	MV7	1536	13.2
MV37	1175	16.6	MV20	1303	15.3	TRS	1568	10.1	MV38	1587	12.8

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R32			R21			R16			VL13		
Source ID	Dist. (m)	Partial (dBA)	Source ID	Dist. (m)	Partial (dBA)	Source ID	Dist. (m)	Partial (dBA)	Source ID	Dist. (m)	Partial (dBA)
MV46	1795	8.2	MV23	1304	15.3	MV3T	290	8.1	MV22	1697	11.9
DSTAT	1863	15.4	MV28	1349	14.9	MV7T	288	7.3	MV37	1714	11.8
MV40	654	12.6	MV22	1434	14.1	LR	1597	4.3	MV23	1716	11.7
MV47	1559	6.1	DSTAT	953	22.1	MV10T	418	3.8	MV24	1756	11.4
TRS	1863	8.0	MV27	1459	13.9	MV2T	432	3.5	MV39	1777	11.3
MV26T	302	7.7	MV31	1581	12.8	MV6T	465	2.8	MV25	1819	11.0
MV30T	394	5.3	MV33	1735	11.6	MV15T	589	0.5	MV27	1901	10.4
MV22T	373	4.9	MV3	1245	12.9	MV1T	615	0.0	MV28	1942	10.1
LR	1857	2.5	MV35	1915	10.3	MV5T	647	-0.5	MV42	1992	9.8
MV32T	475	3.5	MV26	1538	10.2	MV14T	682	-1.1	MV29	1997	9.7
MV27T	429	3.6	MV19	608	16.3	MV9T	729	-1.7	MV3	1527	10.3
MV42T	432	3.5	MV30	1651	9.3	MV19T	766	-2.3	MV47	641	15.8
MV23T	515	1.8	MV32	1794	8.2	MV13T	836	-3.2	MV26	1888	7.5
MV31T	532	1.5	MV47	738	14.3	MV4T	856	-3.4	LR	336	20.0
MV36T	536	1.4	TRS	922	16.0	MV18T	873	-3.6	MV19	1521	6.4
MV20T	537	1.4	LR	951	10.0	MV8T	902	-4.0	MV40	1508	3.5
MV45T	569	0.8	MV40	1748	1.7	MV11T	1071	-5.0	MV46T	417	4.8
MV33T	588	0.5	MV17T	430	3.6	MV17T	984	-5.0	MV47T	644	-0.5
MV40T	656	0.3	MV18T	471	2.7	MV12T	1013	-5.3	MV11T	768	-1.4
MV28T	637	-0.4	MV16T	491	2.3	MV16T	1114	-6.3	MV12T	885	-3.8
MV21T	654	-0.6	MV19T	612	0.1	MV46T	1594	-9.6	MV8T	904	-4.0
MV41T	664	-0.8	MV13T	618	-0.1	MV47T	1691	-11.2	MV16T	919	-4.2
MV35T	683	-1.1	MV12T	652	-0.6				MV4T	942	-4.5
MV24T	683	-1.1	MV14T	667	-0.8				MV9T	1101	-6.2

R32			R21			R16			VL13		
Source ID	Dist. (m)	Partial (dBA)	Source ID	Dist. (m)	Partial (dBA)	Source ID	Dist. (m)	Partial (dBA)	Source ID	Dist. (m)	Partial (dBA)
MV44T	810	-2.9	MV11T	770	-1.4				MV13T	1109	-6.3
MV29T	828	-3.1	MV47T	733	-1.8				MV17T	1118	-6.4
MV25T	870	-3.6	MV15T	759	-2.2				MV5T	1146	-6.6
MV39T	943	-4.5	MV46T	875	-2.8				MV1T	1220	-7.3
MV38T	1018	-5.3	MV9T	817	-2.9				MV18T	1307	-8.1
MV37T	1179	-7.0	MV8T	858	-3.5				MV6T	1333	-8.4
MV47T	1562	-10.2	MV10T	923	-4.3				MV14T	1342	-8.4
MV46T	1793	-11.0	MV5T	1006	-5.2				MV40T	1511	-8.9
			MV6T	1026	-5.4				MV3T	1521	-9.0
			MV4T	1026	-5.4				MV2T	1388	-8.8
			MV7T	1085	-6.0				MV15T	1506	-9.8
			MV25T	1100	-6.2				MV20T	1509	-9.8
			MV3T	1242	-6.7				MV10T	1525	-9.9
			MV21T	1155	-6.7				MV19T	1526	-9.9
			MV1T	1194	-7.1				MV7T	1531	-10.0
			MV24T	1195	-7.1				MV21T	1532	-10.0
			MV2T	1211	-7.3				MV38T	1591	-10.4
			MV29T	1275	-7.8				MV22T	1697	-11.2
			MV20T	1308	-8.1				MV26T	1888	-11.6
			MV23T	1308	-8.1				MV23T	1715	-11.4
			MV28T	1352	-8.5				MV37T	1718	-11.4
			MV26T	1542	-9.2				MV24T	1755	-11.6
			MV22T	1438	-9.2				MV39T	1780	-11.8
			MV27T	1463	-9.4				MV25T	1818	-12.1

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R32			R21			R16			VL13		
Source ID	Dist. (m)	Partial (dBA)	Source ID	Dist. (m)	Partial (dBA)	Source ID	Dist. (m)	Partial (dBA)	Source ID	Dist. (m)	Partial (dBA)
			MV30T	1655	-10.0				MV27T	1901	-12.6
			MV40T	1754	-10.7				MV28T	1941	-12.9
			MV31T	1584	-10.4				MV42T	1990	-13.2
			MV32T	1798	-11.0				MV29T	1996	-13.2
			MV33T	1738	-11.5						
			MV35T	1918	-12.7						

*Note: Only sources within 2 km of receptors shown

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9. ACOUSTIC ASSESSMENT SUMMARY

9.1 Acoustic Assessment Summary Table

Table 5 summarizes the compliance of the proposed Project with the applicable Sound Level Performance Limits at the designated POR. The performance limits in the table reflect the applicable sound level limits in the MOECC Publication NPC-300 for Class 3 Areas.

Table 5: Acoustic Assessment Summary Table

Point of Reception		Sound Level at POR (dBA)	Verified by Acoustic Audit (Yes/No)	Performance Limit		Compliance (Yes/No)
ID	Description			Daytime (dBA)	Nighttime (dBA)	
R1	Existing Noise Receptor	22.5	No	45	40	Yes
R2	Existing Noise Receptor	23.5	No	45	40	Yes
R3	Existing Noise Receptor	22.9	No	45	40	Yes
R4	Existing Noise Receptor	25.3	No	45	40	Yes
R5	Existing Noise Receptor	25.7	No	45	40	Yes
R6	Existing Noise Receptor	26.0	No	45	40	Yes
R7	Existing Noise Receptor	27.1	No	45	40	Yes
R8	Existing Noise Receptor	29.2	No	45	40	Yes
R9	Existing Noise Receptor	32.4	No	45	40	Yes
R10	Existing Noise Receptor	28.1	No	45	40	Yes
R11	Existing Noise Receptor	25.0	No	45	40	Yes
R12	Existing Noise Receptor	27.3	No	45	40	Yes
R13	Existing Noise Receptor	23.9	No	45	40	Yes
R14	Existing Noise Receptor	28.0	No	45	40	Yes
R15	Existing Noise Receptor	29.8	No	45	40	Yes
R16	Existing Noise Receptor	39.6	No	45	40	Yes
R17	Existing Noise Receptor	35.9	No	45	40	Yes
R18	Existing Noise Receptor	35.4	No	45	40	Yes
R19	Existing Noise Receptor	31.4	No	45	40	Yes
R20	Existing Noise Receptor	32.2	No	45	40	Yes
R21	Existing Noise Receptor	36.6	No	45	40	Yes
R22	Existing Noise Receptor	32.5	No	45	40	Yes
R23	Existing Noise Receptor	37.8	No	45	40	Yes

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Point of Reception		Sound Level at POR (dBA)	Verified by Acoustic Audit (Yes/No)	Performance Limit		Compliance (Yes/No)
ID	Description			Daytime (dBA)	Nighttime (dBA)	
R24	Existing Noise Receptor	28.5	No	45	40	Yes
R25	Existing Noise Receptor	29.7	No	45	40	Yes
R26	Existing Noise Receptor	26.8	No	45	40	Yes
R27	Existing Noise Receptor	32.8	No	45	40	Yes
R28	Existing Noise Receptor	22.1	No	45	40	Yes
R29	Existing Noise Receptor	24.5	No	45	40	Yes
R30	Existing Noise Receptor	34.7	No	45	40	Yes
R31	Existing Noise Receptor	32.6	No	45	40	Yes
R32	Existing Noise Receptor	39.7	No	45	40	Yes
R33	Existing Noise Receptor	30.0	No	45	40	Yes
R34	Existing Noise Receptor	29.4	No	45	40	Yes
R35	Existing Noise Receptor	28.3	No	45	40	Yes
R36	Existing Noise Receptor	35.9	No	45	40	Yes
R37	Existing Noise Receptor	29.9	No	45	40	Yes
R38	Existing Noise Receptor	25.2	No	45	40	Yes
R39	Existing Noise Receptor	34.8	No	45	40	Yes
R40	Existing Noise Receptor	27.1	No	45	40	Yes
R41	Existing Noise Receptor	31.8	No	45	40	Yes
R42	Existing Noise Receptor	36.6	No	45	40	Yes
R43	Existing Noise Receptor	32.2	No	45	40	Yes
R44	Existing Noise Receptor	36.1	No	45	40	Yes
R45	Existing Noise Receptor	38.4	No	45	40	Yes
R46	Existing Noise Receptor	36.5	No	45	40	Yes
R47	Existing Noise Receptor	28.7	No	45	40	Yes
R48	Existing Noise Receptor	30.7	No	45	40	Yes
R49	Existing Noise Receptor	26.8	No	45	40	Yes
R50	Existing Noise Receptor	37.1	No	45	40	Yes
VLR1	Vacant Lot Noise Receptor	26.6	No	45	40	Yes
VLR2	Vacant Lot Noise Receptor	36.9	No	45	40	Yes
VLR3	Vacant Lot Noise Receptor	30.3	No	45	40	Yes

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Point of Reception		Sound Level at POR (dBA)	Verified by Acoustic Audit (Yes/No)	Performance Limit		Compliance (Yes/No)
ID	Description			Daytime (dBA)	Nighttime (dBA)	
VLR4	Vacant Lot Noise Receptor	34.0	No	45	40	Yes
VLR5	Vacant Lot Noise Receptor	36.2	No	45	40	Yes
VLR6	Vacant Lot Noise Receptor	33.5	No	45	40	Yes
VLR7	Vacant Lot Noise Receptor	36.4	No	45	40	Yes
VLR8	Vacant Lot Noise Receptor	35.9	No	45	40	Yes
VLR9	Vacant Lot Noise Receptor	27.6	No	45	40	Yes
VLR10	Vacant Lot Noise Receptor	33.3	No	45	40	Yes
VLR11	Vacant Lot Noise Receptor	26.6	No	45	40	Yes
VLR12	Vacant Lot Noise Receptor	31.1	No	45	40	Yes
VLR13	Vacant Lot Noise Receptor	35.9	No	45	40	Yes
P1	Project land owner receptor	41.3	No	45	40	N/A
P2	Project land owner receptor	38.8	No	45	40	N/A
P3	Project land owner receptor	41.8	No	45	40	N/A
P4	Project land owner receptor	40.0	No	45	40	N/A
P5	Project land owner receptor	41.4	No	45	40	N/A
P6	Project land owner receptor	38.1	No	45	40	N/A
P7	Project land owner receptor	41.9	No	45	40	N/A

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9.2 Rationale for Selecting Applicable Noise Guideline Limits

9.2.1 Acoustic Environment

As noted previously, the background ambient noise, exclusive of that generated by the Project, can be characterized as having qualities of a Class 3 Area, as described in the Ontario Ministry of the Environment and Climate Change Noise Pollution Control Publication NPC-300. For a project located in a Class 3 Area, the project is considered compliant with NPC-300 if the predicted cumulative noise levels at the nearby receptors are at or below either the exclusion limits (see **Table 6**) or the background ambient levels as measured or calculated.

Table 6: NPC-300 – Class 3 Area Exclusionary Limits

Time of Day	One Hour Leq (dBA) Class 3 Area
07:00 – 19:00	45
19:00 – 23:00	40
23:00 – 07:00	40

The applicable night-time limit is the most restrictive level for operation of the stationary source. The background ambient sound levels at the POR were not measured or modeled. Therefore, the NPC-300's Class 3 Areas' exclusionary limits have been adopted as the performance limit at each of the PORs.

9.2.2 Predictable Worst Case Operating Scenario

All the dominant noise sources at the proposed facility (i.e., MV Stations, Substation Transformer, DSTATCOM unit, and Line Reactor) were assumed to operate on a continuous basis during daytime, evening and night-time hours and at their maximum capacity/load. These sources were modeled as such.

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10. CONCLUSION

This draft *Noise Study Report* was prepared as a supporting document for an REA application for the proposed Southgate Solar Project with a nameplate capacity of 50 MWac. The assessment conforms to the guidelines for an Acoustic Assessment Report as defined in the MOECC's publication NPC-233 *Information to be Submitted for the Approval of Stationary Sources of Sound*. All procedures used in this assessment were conducted in accordance with requirements of NPC-233 and additional general direction provided by the MOECC for preparation of acoustic assessment reports for solar facilities subject to REA. The analysis completed in this assessment confirms that the proposed Project complies with the daytime and night-time noise criteria as defined in the MOECC Noise Pollution Control Publication *NPC-300 Environmental Noise Guideline's* Class 3 Areas (Rural), for all sources assessed in this study.

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11. REFERENCES

Industrial Noise Control Fundamentals and Applications, Bell, Lewis H., Marcel Dekker, Inc. 1982.

Ministry of Environment Publication NPC- 205 Sound Level Limits for Stationary Sources in Class 1 & 2 Areas (Urban), October 1995.

Ministry of Environment Publication NPC- 232 Sound Level Limits for Stationary Sources in Class 3 Areas (Rural), October 1995.

Ministry of Environment Publication NPC-233 Information to be Submitted for Approval of Stationary Sources of Sound, October 1995.

Ministry of Environment Publication NPC-300 Environmental Noise Guidelines – Stationary and Transportation Sources – Approval and Planning, August 2013.

Transformers, Regulators and Reactors, NEMA Standards Publication No. TR 1-1993 (R 2000), National Electrical Manufacturers Association.

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DISCLOSURE

This Noise Study Report has been prepared based on the information provided and/or approved by Southgate Solar LP (SSLP). This report was prepared by Dillon for the sole benefit of SSLP to satisfy reporting requirements for the Ontario Ministry of the Environment and Climate Change. The material in the report reflects Dillon's judgment in light of the information available to Dillon at the time of this report preparation. Any use which a third party makes of this report, or any reliance on or decisions made based on it, are the responsibilities of such third parties. Dillon accepts no responsibility for damages, if any, suffered by any third party as a result of decisions made or actions based on this report.

We trust that the report is to your satisfaction. Please do not hesitate to contact the undersigned if you have any further questions on this report.

Respectfully Submitted:

DILLON CONSULTING LIMITED

Amir A. Iravani, Ph.D.

Associate – Environmental Management Atmospheric Services

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APPENDIX A

Manufacturer's Equipment Specifications

ITEM	kVA	NL	TL	%Z	Iex	Sound
30	1600	2024 @ 85	18690	4.25	0.2	49

ITEM	Shipment
30	10-12 Weeks

Quoted loss values are guaranteed average values.
Lead times for orders subject to drawing approval will be confirmed upon receipt of approval and release for manufacturing.

Description:

Type	:	Liquid-Filled MTR Padmounted Transformer
Fluid	:	Natural Ester Fluid
Core	:	Grain Oriented Steel
Phase	:	3 Phase
Frequency	:	60 Hz
Average Winding Rise	:	65 °C
Ambient Temperature	:	30 °C
High Voltage	:	27600 Delta
High Voltage Taps	:	+2 -2 2.5%
High Voltage BIL	:	150kV BIL
Low Voltage	:	360Y x 360Y
Low Voltage BIL	:	30kV BIL x 30kV BIL
Feed Configuration	:	Loop feed
Color	:	Equipment green (Munsell 9GY 1.5/2.6)

Features (included in price):

TANK & CABINET
- Dry Nitrogen Blanket
- Ground strap from tank to cabinet
- No high low barrier
- Penta-head cabinet handle bolt

GROUNDING
- Ground bus
- Core Grounding - Accessible through handhole
- Two 2-Hole ground spades(Canada CSA/CEA) x 3

BUSHINGS
- 600 amp dead-break bushings (dead front) x 6
- ANSI C57.12.26 Fig 2 & 3 HV bushing pattern (minimum)
- 10-hole integral spade bushings x 3
- Spade Supports
- ANSI C57.12.26 Fig 3&4a minimum stgrd LV bushing pattern
- Porcelain Ho With Spade

ARRESTERS
- 21 kV elbow arrester - 35 kV interface x 3

FUSES
- Internal expulsion fuse x 3
- Oil-immersed partial range current limiting fuse x 3

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SWITCHES
- 2-position 300 amp LBOR transformer switch
- Two (2), 2-position 600 amp switch
- Special off circuit switch label

MONITORING
- Liquid level gauge with alarm contacts
- Pressure relief valve
- Pressure vacuum gauge with alarm contacts
- Schrader valve
- Dial type thermometer with alarm contacts

FITTINGS
- Drain valve and sampler

MARKINGS
- Non-PCB label
- EEMAC decals (Canada)
- Special Canadian nameplate requirements

OTHER
- 30" deep cabinet
- Aluminum Electrostatic Shield
- Step-up application
- Dyn11 Phase Shift
- SST hardware
- CSA Standard

TESTS
- One Dissolved Gas Test ‡

Contains less-flammable biodegradable natural ester fluid with no detectable level of PCB, less than 1PPM, at the time of manufacture.

For information about natural ester fluid, go to:
http://www.cargill.com/products/industrial/dielectric-fluid/index.jsp

Item 30 General Comments and Exceptions

- ABB Designs applicable to renewable energy offer standard features not typically supplied by others. Our experience in renewable energy led us to provide differentiators for optimal performance and customer satisfaction, among which are the following:

  -Dissolved Gas analysis results with Certified Test Report for each transformer
  -Core ground accessible and removable through the tank hand hole
  -Induction (flux density) well below core saturation levels which provides enhanced protection from system harmonics
  -Heavy 18" stainless steel door rods for improved safety in high wind speed conditions
  -Sloped cabinet cover to channel water, ice, and snow off of the cabinet and away from personnel
  -Auto-locking device for cabinet cover to allow one hand operation without compromising safety
  -Cabinet cover rotable nearly 180 degrees to provide optimal access during installation and maintenance

  TRANSFORMER APPLICATION CONDITIONS AND LIMITATIONS
  These transformers are designed for application up to 110% no load over-excitation or 105% full load over-excitation in accordance with IEEE C57.12.00, section 4.1.6.1. All other parameters in IEEE C57.12.00 also apply to the design of these transformers. Operations outside these parameters may void product warranty.

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ITEM	kVA	NL	TL	%Z	Iex	Sound
40	800	1388 @ 85	8977	5.75	0.77	51

ITEM	Shipment
40	10-12 Weeks

Quoted loss values are guaranteed average values.
Lead times for orders subject to drawing approval will be confirmed upon receipt of approval and release for manufacturing.

Description:

Type	:	Liquid-Filled MTR Padmounted Transformer
Fluid	:	Natural Ester Fluid
Core	:	Grain Oriented Steel
Phase	:	3 Phase
Frequency	:	60 Hz
Average Winding Rise	:	65 °C
Ambient Temperature	:	30 °C
High Voltage	:	27600 Delta
High Voltage Taps	:	+2 -2 2.5%
High Voltage BIL	:	150kV BIL
Low Voltage	:	360Y
Low Voltage BIL	:	30kV BIL
Feed Configuration	:	Loop feed
Color	:	Equipment green (Munsell 9GY 1.5/2.6)

Features (included in price):

TANK & CABINET
- Dry Nitrogen Blanket
- Ground strap from tank to cabinet
- No high low barrier
- Penta-head cabinet handle bolt

GROUNDING
- Ground bus
- Core Grounding - Accessible through handhole

BUSHINGS
- Threaded stud LV bushings x 3
- 600 amp dead-break bushings (dead front) x 6
- ANSI C57.12.26 Fig 2 & 3 HV bushing pattern (minimum)
- 6-hole NEMA spade terminals x 3
- ANSI C57.12.26 Fig 3&4a minimum stgrd LV bushing pattern
- Porcelain Ho With Spade

ARRESTERS
- 21 kV elbow arrester - 35 kV interface x 3

FUSES
- Internal expulsion fuse x 3
- Oil-immersed partial range current limiting fuse x 3

SWITCHES
- 2-position 300 amp LBOR transformer switch
- Two (2), 2-position 600 amp switch

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- Special off circuit switch label

MONITORING
- Liquid level gauge with alarm contacts
- Pressure relief valve
- Pressure vacuum gauge with alarm contacts
- Schrader valve
- Dial type thermometer with alarm contacts

FITTINGS
- Drain valve and sampler

MARKINGS
- Non-PCB label
- EEMAC decals (Canada)
- Special Canadian nameplate requirements

OTHER
- 30" deep cabinet
- Aluminum Electrostatic Shield
- Copper Electrostatic Shield
- Step-up application
- Dyn11 Phase Shift
- SST hardware
- CSA Standard

TESTS
- One Dissolved Gas Test ‡

Contains less-flammable biodegradable natural ester fluid with no detectable level of PCB, less than 1PPM, at the time of manufacture.

For information about natural ester fluid, go to:
http://www.cargill.com/products/industrial/dielectric-fluid/index.jsp

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  -Core ground accessible and removable through the tank hand hole
  -Induction (flux density) well below core saturation levels which provides enhanced protection from system harmonics
  -Heavy 18" stainless steel door rods for improved safety in high wind speed conditions
  -Sloped cabinet cover to channel water, ice, and snow off of the cabinet and away from personnel
  -Auto-locking device for cabinet cover to allow one hand operation without compromising safety
  -Cabinet cover rotable nearly 180 degrees to provide optimal access during installation and maintenance

  TRANSFORMER APPLICATION CONDITIONS AND LIMITATIONS
  These transformers are designed for application up to 110% no load over-excitation or 105% full load over-excitation in accordance with IEEE C57.12.00, section 4.1.6.1. All other parameters in IEEE C57.12.00 also apply to the design of these transformers. Operations outside these parameters may void product warranty.

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Terms and Conditions:

- Quote validity period: 30 days
- Payment Terms: Payment is due B_PAIDIN60DAYS_CIT from invoice date.
- Freight Terms: Shipment is DDP - Delivery Duty Paid (ONBU, CA)
- Warranty: 60 months from delivery or 54 months from commissioning, whichever occurs first.

Shipments:

- Lead times are subject to change based on availability of production space and/or materials at time of order. Please contact your ABB representative to confirm the lead time at order entry.
- Lead times for orders requiring drawing approval will be confirmed after receipt of approval and release for manufacturing.
- Transportation costs are based on truckload quantities and one stop within the 48 contiguous states of the United States. Multiple stops will be charged a minimum of $150 per stop.
- Packaging and handling beyond what is stated in the quote, including blue water transport, are at the expense of the purchaser.
- Shipments by dedicated truck must be specified as such on the purchase order and billed accordingly.
- This quote does not include installation, training and field testing unless noted otherwise.
- For destinations outside of the United States, purchaser is to identify seller for customs reporting as ABB Inc, 150 Ardmore Blvd. Suite 401, Pittsburgh, PA 15221, Attention: International Contracts Management.

Price Validity:

- Prices are valid for the quantities stated in this quote and subject to change for orders less than quoted.
- Approval order pricing is firm for 30 days after initial mailing date of approval drawings. Orders not released for manufacture within 30 days of the initial drawing date are subject to price adjustment.
- Prices and lead time are subject to change should there be changes to specifications, configurations and accessories.

Approval Drawings:

- Purchaser to provide e-mail address at time of order entry for transmission of drawings.
- Drawing lead times are typically 3 - 4 weeks after receipt of order for Padmount transformers.
- Drawing lead times are typically 5 - 6 weeks after receipt of order for Secondary Unit Substation transformers.
- Drawings in less than typical lead time are available upon request and will be priced accordingly.
- Drawings can be supplied in “pdf” format at customer request

NEC & NFPA Exception:

Product will be designed, built and tested in accordance with ANSI, NEMA and IEEE (and UL if applicable) standards. Cabinetry is designed in accordance with NEMA 3R unless stated otherwise in the body of the quote. Exception is taken to NEC & NFPA as compliance is the responsibility of the installing contractor and/or end user.

Testing:

- Routine production tests are in accordance with IEEE C57.12.00.
- Fluid supply is regularly tested for PCB content.
- Nameplates state “Filled with non-PCB fluid that contains less than 1 ppm at time of manufacture.”
- Comprehensive leak testing is completed on all products.
- Computer generated certified test reports provided as standard.

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Special Test Price Adders:

- Chopped Wave at $1,000 net each.
- Temperature Rise (base rating only) at $2,000 net each.
- Temperature Rise (base rating plus max) at $3,000 net each.
- Sound Level for product rated less than 2000 kVA at $1,000 net each
- Power Factor at $1,000 net each.
- Witness Testing at $5,000 net each. (may be of a similar unit depending on availability of product at time of testing)

General Notes:

Quote date: Feb 04, 2013.

Please verify bill of materials meets customer's requirements.

Complete bid includes general notes.

Quote expires under any of the following conditions referred to the quote's date listed above:

- After 30 days.
- If the cost of any of the 5 main materials increases by more than 5%.

Notes and Exceptions:

- Only routine test are included, if customer needs Special test please refer to the price list on the bottom of this Doc.
- ANSI/IEEE standards apply. We do not meet IEC or NEC standards
- Padlocks not supplied.
- Vegetable Oil (FR3) has some limitations in extreme low temperatures, please refer to Oil Specs for more detail or contact us, customer is responsible for the selection made.
- Standard Mineral Oil included, if Luminol is required please request a revision.
- Special certification upon request & confirmation, this offer does not include any Special Certification or Calculations.
- We do not build our transformers any differently verses step-up or step down. The HV will always be on the left with the LV on the right. It's up to the installer to bring the incoming lines to the transformer correctly.
- The Transformers provided in this quote are build with Mild Steel. Suitability for installation conditions, site characteristics, environment (gases, dust, etc) are responsibility of the company in charge of the engineering, planning and start up or commissioning not of ABB.
- Termination for the high voltage or low voltage connections not supplied unless suspectfully stated in the bill of material.
- ABB is only responsible for the bill of material as quoted. This is our best interpretation of the data supplied. If the transformer is manufactured, shipped and does not meet the customer's needs, it's solely the responsibility of the end user to rectify and bare all cost associated with the mistake. ABB will not be held liable for transformers made which do not meet the customer's needs.
- BayOnet Fuses are not available for HV 27.6 kV Delta
- Partial Range Current Limited Fuse included.
- If Seismic Anchor are needed please add $750 per unit.
- Transformer can be used with arresters and fuses only if power lines feeding transformers belong to a 4-wire multi-grounded neutral system. If power lines belong to a delta connected system; no fuses or arresters are applicable.
- Feed Thru inserts NOT available for 600A .
- Customer must use a Cooper T-OP Elbow connector to be able to connect the surge arresters to the 600A Bushing. Without this elbow customer cannot connect the surge arresters to the 600A Bushing.
- Exception to Cover mounted Primary Bushing, we are quoting Side Wall Mounted Bushings.
- Removable radiators can be provided, but will have TamperResistand issues. If Customer need us to include this feature we need confirmation.
- If Impact rec. are needed, please add $350 per unit.

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Please note:

- Quoted unit(s) as listed below. Any change in accessories and/or performance(s) may change price(s).Exception is taken to any requirement contained in a customer spec and not specifically identified above or contained in our standard product offering.
- Prices valid for total package - if individual items and/or less quantity(ies) are required; prices will change.
- Ex-works shipment time frame does not include time spent to design unit, send drawings for approval and received approved drawings.
- If shipments by dedicated truck are required; it must be specified in P.O.
- If dedicated truck shipment; it will be billed accordingly.
- Export crating not supplied unless listed in below bill of materials.
- The following guidelines apply for cancellation:
  - 10% After ABB has received P.O.
  - 20% After ABB has issued approval drawings and sent them to customer.
  - 50% After ABB has received approved drawings from customer.
  - 100% After ABB has released unit(s) for manufacturing.
- This quote assumes these products will have as final destination the country specified in the request for quote. Diverting them to a different country is prohibited and it may be punishable with fines and prison by USA Federal Laws.

Kirk key interlocks not provided in base price of quote. Please use adder of $450 per unit if needed.
Standard ANSI C57.12.28 provided. Paint process and coverages will be supplied. ABB Paint system meets or exceeds all applicable industry standards with a nominal 3 mil thickness. Since the paint thickness is not associated with the protection quality of the finish, we will not always meet the specified 4 mil minimum paint thickness.
Routine tests are listed below:

- Core demagnetization
- Transformer turns ratio
- Polarity
- No-load loss and exciting current test at rated voltage
- Resistance, load loss, and impedance test at rated voltage
- Low frequency test
- Induced voltage
- Impulse
- Leaks

- Witness test and inspection adders are as follows:
  - $2000 per unit tested for standard ANSI tests.
  - $2000 per order for inspection of final product.
  - Inspection must not interfere with production or manufacturing flow.
  - Adders for witness test and final inspection must be added to price quoted. Order must be entered with this adder; if not, then witness test and inspection requirements will be considered waived.
  - Transformer factory routine tests are free of charge.
  - Temperature rise test is design test. if required, add $2000 (base rating), $3000 (max rating) per unit. If not included with order, test will be considered waived.
  - Test reports of similar units may be available on request.
- If other tests are required; price adders are:

Test	Adder/unit
Fluid	$ 500
DGA	$ 350
Radio Interference Voltage	$ 2000
Insulation Power Factor	$ 2000
Insulation Resistance	$ 2000
Polarization Index	$ 2000
Sound Level	$ 2000
Short Circuit Force Withstand	$80000 plus price of transformer

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No-load loss and exciting current at 90 to 110% rated voltage in 5% steps	$ 3000
Resistance measurement on extreme taps	$ 2000
Impedance measurement on extreme taps	$ 2000
Chopped wave impulse test	$ 2000

- Zero-phase-sequence impedance voltage not required for Delta/Wye connected unit.
- Impulse test: Written approval allowing ANSI C57.12.90 section 10.4 method 1 test must accompany the order. Without written approval from customer the order will be returned.
- Photograph or oscilloscope display waveforms are available only with witness test.
- Above charges do not include transportation, meals or lodging expenses to visit plant and/or witness tests.

ABB Jefferson City takes exception to all documentation required except the following which can be provided.

- Drawings:
  Outline/Bill of Material Drawing
  Base Detail
  Bushing Details
  Wiring Drawings
  Nameplate
- Certified Test Reports
- Certificate of Compliance
- Instruction Manuals
- Spare Parts List
- Standard Cut Sheets for Monitoring, etc. Devices
- Inspection and Test Plan
- Milestone Schedule
- Fluid MSDS

- Order should reference this negotiation number and applicable items.
- Extended warranty available upon request and will be priced accordingly.
- Units are quoted for normal service conditions as defined by ANSI/IEEE standards.
- Notify ABB should unit(s) be subject to harmonics, motor starting, shovel duty or other.
- Accessories not included with the product are T-Ops, secondary terminating lugs, grounding lugs, padlocks, wrenches and warning signs unless noted otherwise in the quote.
- UL labeling and FM certification are available for most configurations upon request.
- Nameplates are laser etched anodized aluminum.
- Penta-head door fastening bolt compliant to ANSI C57.12.28-1998.
- Door fastening hardware made of stainless steel or silicon bronze.
- Paint system is compliant with ANSI/IEEE C57.12.28.
- Ground pads are made of stainless steel.
- Instruction manuals and order status information are available at www.abb.us/transformers. Select *United States of America* as a preference, click OK and then select *Jefferson City Distribution Transformer site.*

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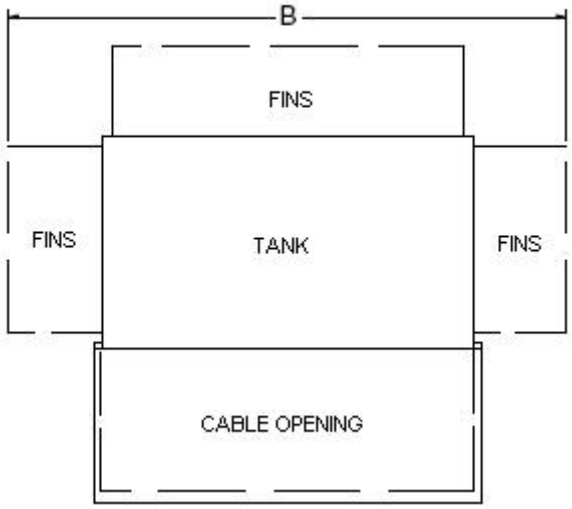
KVA	FEED	A	B	C	D	E	F	WT
1600	Loop (Dead)	72	96	88.8	74.8	70	30	12800
1000	Loop (Dead)	68	86	74.8	66.8	66	30	8200

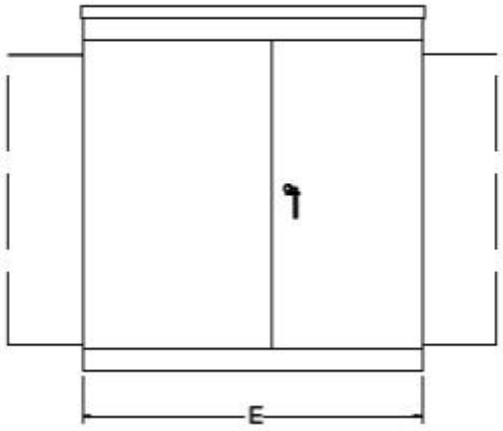
All weights and dimensions are approximate. Dimensions may change to meet specific customer requirements. Weights are in pounds. Dimensions are in inches.

Cooling fins may be required on the back and/or side of the tank if necessary. Maximum cooling fin depth is 16".

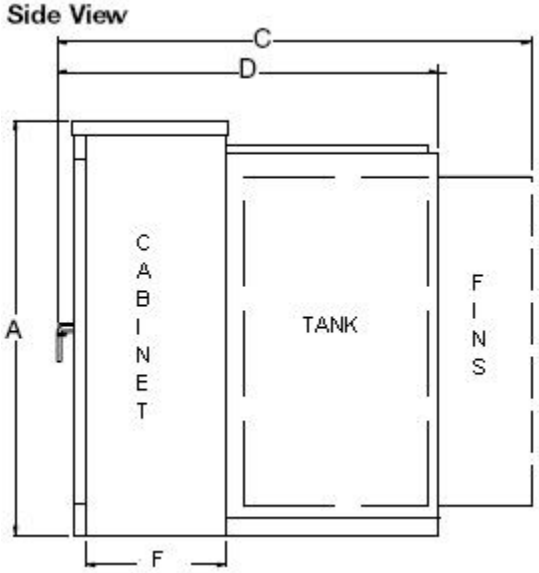
Top View



Front View



Side View



	Canada Solar -- SMA Inverters	
3/27/2013	**3-Phase Padmounted Transformer**	ABB Inc, Jefferson City, MO

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TERMS AND CONDITIONS OF SALE

These terms and conditions of sale shall apply to all services, equipment, goods or products manufactured, distributed or sold by ABB Inc. (“Seller”) unless otherwise agreed in writing by the Seller and the Purchaser.

1. ACCEPTANCE OF CONDITIONS

The Purchaser, upon receipt of the Seller's acknowledgement of an order, or upon receipt in whole or in part of the shipment sold under an order, or upon payment in whole or in part for the equipment, workmanship, goods, products, and the license of software, related materials supplied hereunder, ('Equipment') or rendition of services ('Services') or both shall be deemed an unconditional acceptance by Purchaser of these terms and conditions. Any deletions from, alterations or modifications or additions to the terms and conditions of this order, shall not be binding unless they are expressed in writing and signed by both the Seller and the Purchaser's authorized representatives.

2. DELIVERY

2.1 Equipment sold hereunder unless agreed otherwise shall be delivered Ex Works (... named place) as per Incoterms 2000, depending on specified means of transportation. Delivery dates specified in any quote are approximate, unless specified as binding. Delivery performance is dependent upon prompt receipt from the Purchaser of all specifications, final approved drawings and any other details essential to the proper execution of the Purchaser's order.

2.2 Upon notification of readiness of Equipment by Seller to Purchaser, Purchaser shall promptly take delivery of the Equipment. Purchaser's delay to take delivery of the Equipment shall result in Purchaser paying storage, maintenance and associated charges and Seller shall invoice Purchaser as if shipment or other performance had been made as originally scheduled. Such storage, handling maintenance shall be performed at Purchaser's cost and risk. Failure of Purchaser to take prompt delivery shall result in payment terms tied to such delivery becoming due immediately and payable. The Warranty Period hereinafter defined will begin upon such notification of readiness.

2.3 Unless otherwise agreed upon between the parties, Purchaser shall have the sole responsibility of choosing the carrier and routing from Seller's manufacturing facilities to the final destination.

3. FORCE MAJEURE

The Seller shall not be liable for delays in the execution of its obligations due to causes beyond its reasonable control including but not limited to acts of God, acts of the Purchaser, fires, strikes, labour disturbances, floods, epidemics, quarantine restrictions, war, insurrection or riot, acts of a civil or military authority, compliance with priority orders or preference ratings issued by any Government, acts of Government authorities with respect with to revocation of export or reexport permits/licenses, freight embargoes, car shortages, wrecks or delays in transportation, unusually severe weather, or inability to obtain necessary labour, materials or manufacturing facilities or supplies or delays of sub-contractors. In the event of any such delay, the date of shipment will be extended for a minimum of time equal to the period of the delay. The contract of sale will in no event be subject to cancellation by the Purchaser, due either to delay in delivery or to any other cause, without the prior written consent of the Seller. In the case of cancellation, cancellation charges judged adequate by Seller shall apply.

4. WARRANTIES

4.1 The Seller warrants that during the warranty period hereinafter defined the Equipment sold shall be free from defects in material and workmanship and shall be of the kind and quality designated or described in the specifications.

4.2 If within eighteen (18) months from the date of notification of readiness of shipment or twelve (12) months from date of first use by Purchaser or the end user, whichever date occurs first, the Equipment does not meet the warranties specified above, the Seller agrees to correct any defect, at its option, either by repairing any defective parts, or by making available Ex Works, repaired or replacement parts, provided the Purchaser notifies the Seller promptly of any such defects.

4.3 The cost of removal of the defective Equipment from its related system, site and/or ancillary equipment, and the cost of its reinstallation in such system, site and/or ancillary equipment, including all transportation costs to and from Seller's plant or repair shop, shall be borne exclusively by the Purchaser. The Purchaser shall not return or dispose of any Equipment or part thereof with respect to which it intends to make a claim under the foregoing warranty, without the Seller's express prior written authorization.

4.4 Seller warrants that it shall repair or replace, at its option and Ex Works, software products which fail in manner which significantly and adversely affects operating performance to conform to Seller's published software product description applicable to the specific software version as delivered to the Purchaser,

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provided Seller receives written notification of any such failure to conform within ninety (90) days from the readiness of shipment software. Seller does not warrant that the functions contained in the software will operate in combinations which may be selected for use by the Purchaser, or that the software products are free from errors.

4.5 Where Seller supplies Services, Seller warrants that it shall re-perform Services which are found to have been performed other than in a professional manner and in accordance with sound, generally accepted and professional practices in effect at the time of performance, provided Seller receives written notification of the defect within thirty (30) days from date of such performance.

4.6 Any repair or replacement to the foregoing warranties pursuant hereto shall not renew or extend the warranties. The foregoing warranties shall be void to any deficiency or defect resulting from, the Equipment being improperly installed or cared for, operated under abnormal conditions or contrary to specifications or instructions of Seller, normal wear and tear, modifications or alterations made by Purchaser or a third party without Seller's consent.

4.7 THE EXPRESS WARRANTIES SET FORTH IN THIS ARTICLE ARE EXCLUSIVE AND NO OTHER WARRANTIES OF ANY KIND, WHETHER STATUTORY, ORAL, WRITTEN, EXPRESS OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, SHALL APPLY. THE PURCHASER'S EXCLUSIVE REMEDIES AND THE SELLER'S ONLY OBLIGATIONS ARISING OUT OF OR IN CONNECTION WITH DEFECTIVE EQUIPMENT OR SERVICES OR BOTH, WHETHER BASED ON WARRANTY, CONTRACT, TORT (INCLUDING NEGLIGENCE) OR OTHERWISE, SHALL BE THOSE STATED HEREIN.

5. INSURANCE, CHARGES & PROPER CARE

So long as sums shall remain owing by Purchaser to Seller hereunder, Purchaser shall exercise proper care in the possession and use of the Equipment and shall keep same at all times in good repair and free of all liens, options, taxes, charges, pledges, privileges and encumbrances. Purchaser shall insure Equipment against loss, destruction or theft for the full value of the replacement purchase price of the Equipment.

6. TITLE & RISK

6.1 The title to and property in the Equipment sold hereunder and any substitutions or additions thereto and the right to possession thereof, whether attached to realty or otherwise, shall pass from the Seller to the Purchaser when the full purchase price of the Equipment has been paid. Upon failure to make any payment as herein provided, the whole purchase price and any note or security given on account therefore shall forthwith become due and payable and the Seller may immediately enter the premises where the Equipment is located and take possession of and remove the same as its personal property, and may retain any or all partial payments already received as a rental charge for the use of the Equipment without affecting any further or other claims which Seller may have against the Purchaser.

6.2 Equipment sold hereunder shall be at the Purchaser's risk on delivery to it as specified in Article 2 above, and the loss or destruction of all or part of said Equipment shall not release Purchaser from any obligations of payment hereunder.

7. LIMITATION OF LIABILITY

7.1 Modifications or adjustments to Purchaser's processes or equipment which is made by Purchaser upon the good faith recommendations of Seller shall be made at Purchaser's risk. In no event shall Seller be liable for conditions of Purchaser's site.

7.2 The liability of the Seller, its agents, directors, officers, subcontractors, suppliers, for all claims, actions, judgments, expenses related to or resulting from any loss or damage arising out of performance or non performance of obligations in connection with the design, manufacture, sale, delivery, storage, of the Equipment shall in no case exceed Seller's net unit price Ex Works of such Equipment or part thereof involved in a claim. Where Seller sells Services, the liability of the Seller, its agents, directors, officers, employees, subcontractors, suppliers for all claims, actions, judgment, expenses related to or resulting from any loss or damage arising out of performance or non performance of Services, shall in no case exceed in the aggregate the amount paid by the Purchaser to Seller for the Services performed under the order.

7.3 No such claim shall be asserted against the Seller, its agents, directors, officers, employees, subcontractors, suppliers, unless the injury, loss or damage giving rise to the claim is sustained prior to the expiration of the period of warranty herein and no suit or action thereon shall be instituted or maintained unless it is filed in a court of competent jurisdiction within one year after the date the cause of action accrues.

7.4 In no event shall Seller be liable for loss of profit and for any indirect, special, incidental or consequential damages of any nature or kind including but not limited to delays, loss of revenue, loss of use, loss of data, loss of production, costs of capital or costs of replacement power, even if Seller has been advised of the

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possibility of such damages.

7.5 The limitations set forth in this Article 7 shall apply and be effective with respect to any claim, cause of action, or legal theory whatsoever including, but not limited to, contract or warranty (including performance guarantees) or breach thereof, indemnity, tort (including negligence), strict liability.

8. PRICES & PAYMENT TERMS

8.1 Prices are valid thirty (30) days from date of quotation by Seller. Price adjustment clauses, if applicable, will be stated at the time of quotation and a copy will be included as part of these Terms and Conditions, in an Appendix thereto.

8.2 All prices are Ex Works unless otherwise specified in writing by Seller. Prices quoted do not include federal, provincial, local or any other taxes, charges, levies and duties, and if same are applicable these shall be promptly paid by the Purchaser. Purchaser shall reimburse Seller any late payment penalty.

8.3 In cases where Seller's price includes taxes, charges, levies and duties, in the event of any changes in any taxes, charges, levies or duties, imposed under any federal, provincial municipal or local legislation or authority, after the date of submitting of Seller's tender or quotation and applicable to Equipment sold hereunder, the Seller's sale price shall be adjusted to reflect such increases or decreases. Any penalty or interest charge levied against the Seller due to the Purchaser's late payment shall be to Purchaser's account.

8.4 Price information published in catalogues, bulletins or price lists is not a definite quotation or offer to sell.

8.5 Seller reserves the right to adjust prices on any order for any alterations or changes authorized or made by the Purchaser subsequent to acceptance of the order.

8.6 All prices are in Canadian Dollars unless otherwise specified.

8.7 Payment shall be made direct to Seller's office in accordance with the conditions stated in the order. Unless otherwise specified, payment shall be due net thirty (30) days from the date of sending of the relevant invoice by the Seller, and time is of the essence in Purchaser's execution of any payment hereunder. Any late payment shall bear interest at the rate set by the Seller from time to time which is one and a half percent (1.5%) per month, eighteen percent per annum (18%), at the date of issue, calculated and due on a monthly basis.

8.8 Where Seller supplies Services, In the event of a request by Purchaser for additional specialist services, the services will be invoiced at the current per diem per person rate for those services. Associated travel and living costs will be added to those invoices. For extended hours (beyond 8 hours/daily), the rate for specialist services will change to an hourly rate person at one and a half (1.5) times the equivalent rate based on the per diem. Similarly, weekend and holiday requirements will be charged at two (2) times the hourly rate. All prices/rates quoted are valid for ninety (90) days from proposal date. Otherwise, prices are subject to change without notice. Travel and lodging will be billed at actual cost plus a ten percent (10%) administration charge.

9. PATENT INFRINGEMENT

The Seller will, at Seller's expense, defend any suit which may be brought against the Purchaser based on a claim that any Equipment or part furnished under contract constitutes an infringement of any letter patent (provided the Seller is notified promptly of such suit and copies of all papers therein are promptly delivered to Seller) and the Seller agrees to pay all judgments and costs recovered for any reasonable costs or expenses incurred in the defense of any such claim or suits. In case said Equipment or any part is held to constitute infringement and the use of the Equipment or part is enjoined, the Seller shall, at its own expense, either procure for the Purchaser the right to continue using the Equipment or part; or replace with non-infringing Equipment; or modify it so that it becomes non-infringing; or remove the Equipment and refund the purchase price and the transportation and installation costs thereof. The foregoing states the entire liability of the Seller for patent infringement by the Equipment or any part thereof. This provision shall not apply to any equipment or part which is manufactured by Seller or third parties, to Purchaser's design or specifications. The Seller assumes no liability for any such infringement and the Purchaser agrees to defend any suit against Seller for alleged infringement arising through the manufacture and sale of Equipment made to Purchaser's design or specifications and to indemnify and hold Seller harmless from any liability arising from any such infringement.

10. DAMAGES & LOSS CLAIMS

10.1 Seller shall carefully pack all Equipment sold hereunder and the Seller shall assume no responsibility for damage after having received 'in good order' receipts from the carrier at Seller's works.

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10.2 All claims for loss, damage and delay in transit are to be transacted by the consignee directly with the carrier. Claims for shortages or incorrect equipment must be made in writing to the Seller within fifteen (15) days after receipt of the shipment. Failure to give such notice shall constitute unqualified acceptance and a waiver by the Purchaser of all claims for shortages or incorrect equipment.

11. CHANGES

Seller reserves the right to make changes in design or to add any improvement on Equipment or other goods at any time, without incurring any obligations to install same on equipment or goods previously purchased or leased. Any changes caused or requested by Purchaser affecting the Equipment or otherwise affecting the scope of work must be accepted by Seller and resulting adjustment to price, schedule, or both, mutually agreed in writing.

12. TESTING & ACCEPTANCE OF GOODS

12.1 Testing of the Equipment before shipment is carried out in accordance with Seller's test procedures and at Seller's cost. Additional tests shall be agreed upon specifically between Seller and Purchaser and shall be charged to the Purchaser.

12.2 The Purchaser shall examine the Equipment upon taking possession of same and shall inform Seller immediately in writing of all defects and deficiencies for which Seller is responsible. If Purchaser omits to so notify Seller within thirty (30) days of Purchaser's possession of the Equipment, same shall be deemed to have been accepted.

12.3 Acceptance tests are carried out only if they have been agreed upon in writing by the Seller. As far as circumstances allow, such tests will be carried out in Seller's factory. If, for reasons beyond Seller's control, the acceptance tests cannot be carried out within the specified time, the qualities to be determined by these tests shall be deemed proved.

12.4 If it is found from one of the aforementioned tests that the Equipment does not fulfill the terms of the order, the Purchaser shall make available to Seller suitable opportunity to remedy any deficiency.

12.5 The Purchaser shall have no other rights than the rights outlined above, in case of delivery of deficient equipment.

13. TECHNICAL DOCUMENTS

13.1 Technical documents, such as drawings, descriptions, illustrations and the like, and all weight data, shall serve as an approximate indication only, provided they have not been expressly specified as binding. Seller reserves the right to make any alterations considered necessary.

13.2 All plans, drawings, technical specifications, documents, software, microfilm, data, or proprietary information relating to the Equipment sold, distributed or manufactured hereunder shall be treated in confidence by the Purchaser, who shall ensure the confidentiality thereof. They remain Seller's exclusive property and may be neither copied nor reproduced nor communicated to a third party in any way whatever nor used for manufacture of the Equipment, or parts thereof. They may be used only for operation and maintenance of the Equipment, under terms and conditions specified by the Seller.

13.3 All documents submitted with tenders that do not result in an order shall be returned to Seller on request.

14. SOFTWARE

14.1 Where Seller supplies a system program, Seller hereby grants to Purchaser a revocable non-transferable and non-exclusive license to use the computer software packages, related materials, and the intellectual property contained therein, furnished hereunder (collectively, the “Program”) for the limited use described herein and in the other documents transmitted to Purchaser by Seller. This license shall remain in effect unless terminated by Seller due to Purchaser's breach of the provisions of this Agreement.

14.2 The Program shall be used only in connection with Seller's Equipment. Purchaser shall have no right to use, print, display modify or disclose the Program nor duplicate or copy the Program, with the exception that one copy may be made for security purposes.

14.3 The Program is proprietary to Seller and this license allows the Purchaser only the limited right to use the Program, and nothing contained herein shall be deemed to convey any title to or ownership in the Program to the Purchaser.

15. DELAYS

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Where Seller supplies Services, if there is a delay in the engineering or servicing due to any clause beyond the reasonable control of contractor, then the Purchaser shall pay the Seller all additional charges with respect to the delay, including but not limited to temporary relocation of contractor's personnel performing under this order.

16. RESPONSIBILITY OF PURCHASER

16.1 The operation of the Equipment is within the exclusive control of the Purchaser and the Purchaser shall indemnify and save the Seller harmless from any and all expense and liability (including attorney's fees) incurred by or imposed upon the Seller based upon injury to persons (including death) or damage to property (including the Equipment) resulting from the Purchaser's tests, cleaning, operation, or maintenance of the Equipment of from modifications to the Equipment by the Purchaser.

16.2 The Seller's Service Representative(s) are not authorized to supervise operation nor are they authorized or licensed to operate the Equipment and therefore neither the Seller not its representative(s) shall be deemed to have any responsibility for the operation of the Equipment.

16.3 Purchaser agrees to provide Seller with safety practices at site where Services will be performed and identify any potential health hazards or other hazardous working conditions. Seller agrees to comply with identified safety practices and applicable laws and regulations at such site. Purchaser shall be responsible for any influencing deficiencies at Purchaser's site, including, but not limited to input signals of poor quality, different environmental conditions, improper application engineering, process problems or difficulties and delays.

17. CANCELLATION

17.1 Where Seller supplies Services, either party may cancel a portion or all of this agreement with written notice one hundred and twenty (120) days in advance only under the following conditions:

17.2 Where Seller supplies Services, during the notification period, Seller will continue to deliver the full scope of supply.

17.3 Where Seller supplies Services, Purchaser will continue to pay the rate defined in the agreement during the one hundred and twenty (120) day period.

17.4 Cancellation of this agreement by Purchaser for any reason will result in a twenty percent (20%) cancellation charge unless Seller and Purchaser have agreed to any other amount in an addendum to this Agreement.

18. EXPORT CONTROL

18.1 Purchaser represents and warrants that the Equipment and Services provided hereunder and the 'direct product' thereof are intended for civil use only and will not be used, directly or indirectly, for the production of chemical or biological weapons or of precursor chemicals for such weapons, or for any direct or indirect nuclear end use. Purchaser agrees not to disclose, use, export or re-export, directly or indirectly, any information provided by Seller or the 'direct product' thereof as defined in the applicable Export Control Regulations, except in compliance with such Regulations.

18.2 If applicable, Seller shall file for an export license, but only after appropriate documentation for the license application has been provided by Purchaser. Purchaser shall furnish such documentation within a reasonable time after order acceptance. Any delay in obtaining such license shall suspend performance of this Agreement by Seller. If an export license is not granted or, if once granted, is thereafter revoked or modified by the appropriate authorities, this Agreement may be canceled by Seller without liability for damages of any kind resulting from such cancellation. At Seller's request, Purchaser shall provide to Seller a Letter of Assurance and End-User Statement in a form reasonably satisfactory to Seller.

19. GENERAL

19.1 Purchaser shall not assign this contract or any part thereof without the written consent of the Seller.

19.2 Any order received by the Seller is subject to credit approval and may be cancelled if the Purchaser's credit standing is not satisfactory to Seller.

19.3 This Agreement and any order or contract placed hereunder shall be interpreted according to the laws of the Canadian Province in which the Purchaser has placed the order under this Agreement, or failing such, the Province of Quebec; the Courts of the Canadian Province in which the Purchaser has placed the order under this Agreement shall have jurisdiction in any matter relating to same, but Seller shall also have access to the jurisdiction of the Courts of the residence of the Purchaser.

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19.4 No terms of Purchaser's purchase order shall apply to this contract, even if subsequent to the terms and conditions hereof, unless agreed in writing by an authorized representative of the Seller.

19.5 No penalties or liquidated damages shall apply pursuant to the in execution of Seller's obligations hereunder, unless accepted in writing by an officer of the Seller.

19.6 These terms and conditions shall supersede and abrogate all previous communications, obligations, commitments or agreements, oral or written, expressed or implied, between the Purchaser and the Seller, in relation to this Agreement and all provisions under the United Nations Convention on Contracts for the International Sale of Goods.

19.7 Purchaser and Seller acknowledge having specifically requested that this Agreement and all related documents and correspondence be drafted in English.

19.8 Any addenda or appendices to this Agreement, to be applicable to any order hereunder, must be signed by both Purchaser's and Seller's respective authorized representatives.

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0.8 MVA Inverter Transformer - Sound Power Calc. based on Manufacturer-specified rating of 51 dBA (ONAN)

Tranformer Length	74.0	in.
Transformer Width	61.0	in.
Transformer Height	74.0	in.
Horizontal surface area (transformer top + 0.3m)	8261	$in.^2$
Vertical Surface area (+ 0.3m in each direction)	26972	$in.^2$
	245	ft^2
Total Surface area	22.7	m^2

Lw = Lp + 10 x log (S)

Lp	51	dBA
Lw	64.57	dBA

Centre Frequency	Corr1	Corr2	PWL	add 5 dB	PWL (A-weighted)
31.5	-1	-2.4	61.17	66.17	66.17
63	5	-2.4	67.17	72.17	72.17
125	7	-2.4	69.17	74.17	74.17
250	2	-2.4	64.17	69.17	69.17
500	2	-2.4	64.17	69.17	69.17
1000	-4	-2.4	58.17	63.17	63.17
2000	-9	-2.4	53.17	58.17	58.17
4000	-14	-2.4	48.17	53.17	53.17
8000	-21	-2.4	41.17	46.17	46.17
Overall:			**73.2**	**78.2**	**78.2**

Lp: Sound pressure level
Lw: Sound Power Level

1.6 MVA Inverter Transformer - Sound Power Calc. based on Manufacturer-specified rating of 49 dBA (ONAN)

Tranformer Length	79.1	in.
Transformer Width	92.5	in.
Transformer Height	77.0	in.
Horizontal surface area (transformer top + 0.3m)	11926	$in.^2$
Vertical Surface area (+ 0.3m in each direction)	33699	$in.^2$
	317	ft^2
Total Surface area	29.5	m^2

Lw = Lp + 10 x log (S)

Lp	49	dBA
Lw	63.69	dBA

Centre Frequency	Corr1	Corr2	PWL	add 5 dB	PWL (A-weighted)
31.5	-1	-2.4	60.29	65.29	65.29
63	5	-2.4	66.29	71.29	71.29
125	7	-2.4	68.29	73.29	73.29
250	2	-2.4	63.29	68.29	68.29
500	2	-2.4	63.29	68.29	68.29
1000	-4	-2.4	57.29	62.29	62.29
2000	-9	-2.4	52.29	57.29	57.29
4000	-14	-2.4	47.29	52.29	52.29
8000	-21	-2.4	40.29	45.29	45.29
Overall:			**72.3**	**77.3**	**77.3**

Lp: Sound pressure level
Lw: Sound Power Level

Acoustic Environmental Test

SC 800CP-US central inverter

(Extract of Test report SC800CP-US-91:LE1613)

1 Overview

Project title:	SC800CP-US
Type of test / thresholds and requirements:	Sound level measurement according to DIN EN ISO 3744:2011-02 and DIN EN ISO 9614-2:2010-11 of sinusoidal, irregularly shaped, transient signals. Classification of ambient conditions in compliance with the German Noise Control Guidelines (TA Lärm). (according to Section 2)
Type of device:	e.g. solar central inverter for large-scale PV power plants
Type designation:	SC800CP-US
Test specification:	Level of emissions according to the German Noise Control Guidelines and acoustic power

2 Results

The EN 3744:04/2005 and German Noise Control Guidelines form the testing specification for the thresholds and requirements	Requirement		Results [dBA]/ without fan (distance 1m)	Results [dBA]/ with fan (distance 1m)
	Standard (Germany)	SMA		
EN 3744:2011-02 typical value; LAeq averaged [1]	-	-	-	78,74
§48 of the German Federal Emission Control ACT (BImSchG): 09-2002 German Noise Control Guidelines; L_{pa} [2]	-	-	-	77,81
EN 9614-2 sound power L_{WA} [3]	-	-	-	92,30
Sound pressure level in 10m L_{xpA} [4]	-	-	-	64,31
Sound pressure level in 50m L_{xpA} [4]	-	-	-	50,32
Overall result (if applicable)			*Standard requirments: - passed	

* Dependent on the local conditions at the mounting location (distance of 10m standard)

3 Operating States

The following states and configurations have been defined as operating conditions:

- Operation of the inverter.
- Operating conditions: UDC =820 V; 800 kW
- The device fans must be running.
- The unit under test must have reached its operating temperature.
- The unit under test must have reached an operating temperature of 25°C.

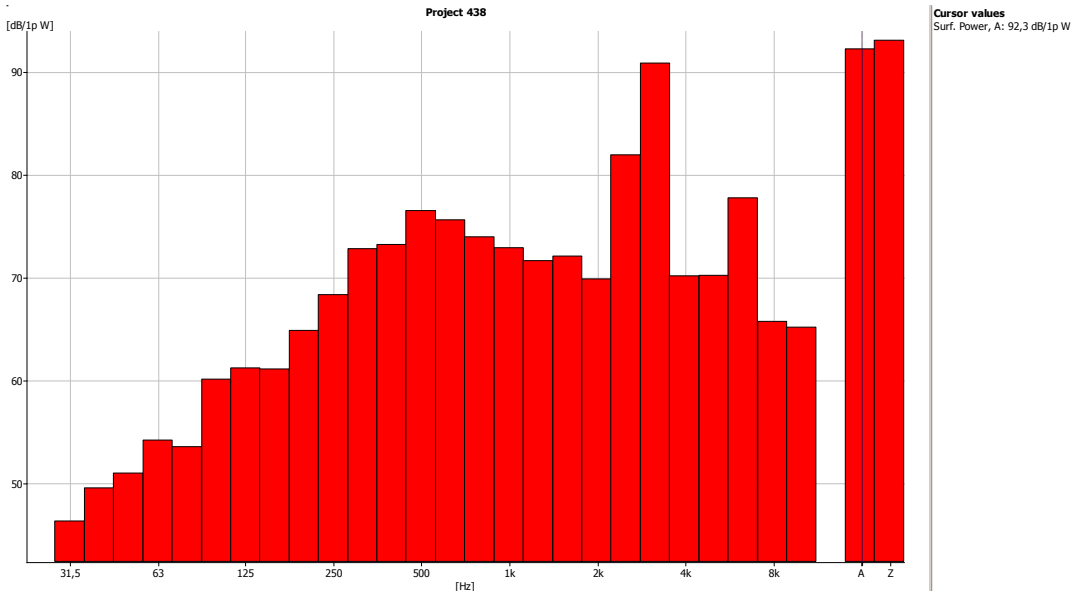
4 Calculating the Acoustic Power

L_{pA} =	average sound pressure level on the measurement surface [dB_A] *	77.81
S =	overall measurement surface [m^2]	28.09
S_0 =	1 [m^2]	

* This specified spatially/temporally averaged sound pressure level was determined using the calcu-lated acoustic power level.
$L_{PA} = L_{WA} - 10\log (S/S_0)$

Acoustic power of L_{WA}= 92,3 dBA/W results for the measurement.

Acoustic Power Levels of the Third Octave Band Frequencies According to EN ISO 9614-2



A-rated sound power = 92.3 $dB_{A/W}$

Z-rated sound power = 93.1 $dB_{A/W}$

A-rated acoustic power – based on physiologic human hearing

Z-rated acoustic power – technically linear measured value

5 Overview of the Acoustic Power

Third octave band center frequency [Hz]	Acoustic power- level LwA [dBA/pW] 880 kW	Acoustic power- level LwZ [dBA/pW] 880 kW
25 Hz	42,33	–
31.5 Hz	46,34	–
40 Hz	49,56	–
50 Hz	51	–
63 Hz	54,21	–
80 Hz	53,57	–
100 Hz	60,14	–
125 Hz	61,23	–
160 Hz	61,13	–
200 Hz	64,88	–
250 Hz	68,36	–
315 Hz	72,83	–
400 Hz	73,24	–
500 Hz	76,54	–
630 Hz	75,64	–
800 Hz	73,99	–
1 kHz	72,93	–
1.25 kHz	71,67	–
1.6 kHz	72,11	–
2 kHz	69,89	–
2.5 kHz	81,96	–
3.15 kHz	90,89	–
4 kHz	70,19	–
5 kHz	70,24	–
6.3 kHz	77,78	–
8 kHz	65,76	–
10 kHz	65,2	–
Acoustic power above the surface	A-rated	Z-rated
	92,3	93.1

6 Deriving the Emission Sound Pressure Level at a Distance

The calculated acoustic power can be used to derive an A-rated sound pressure level L_{xpA} for undirected sources at any distance x.

$$LxpA = LwA + Ko - 10 \cdot \log\left(4 \cdot \pi \cdot \frac{X^2}{So}\right)$$

K_0 = solid angle index on the floor 3 [dB]
X = distance from the source [m]
S_0 = 1 m

Device	Distance X [m]	Sound pressure level LxpA [dBA] without fan	Sound pressure level LxpA [dBA] with fan
SC800CP-US	10	–	64,30
	50	–	50.33

7 Appendix - Calculations

deriving sound pressure level at a distance

LxpA = LWA + K0 - 10log (4*PI*(x^2/S0))

LWA 92,3dB
K0 3dB
x 10m
S0 1m

LxpA 64,31dBA

SMA America, LLC
3801 N. Havana Street
Denver, CO 80239
+1 720 369 7712
ken.christensen@SMA-America.com

June 17, 2013

To whom it may concern:

The purpose of this letter is to confirm that the SMA SC 800CP-CA inverter is in every way technically equivalent to the SC 800CP-US inverter. The only difference between these two inverters is that the CP-CA is manufactured at Celestica to meet the local content requirements of projects in Ontario.

The installation manual and operators manual call out both the "CP-CA" and "CP-US" inverter names. A datasheet with the "CP-CA" name is currently being drafted and SMA will send that datasheet to you as soon as possible.

SMA values our established partnership and we look forward to supporting your PV solar projects in Ontario and the rest of the world. Should you have any questions or need additional information, please do not hesitate to contact me or anyone on the SMA team.

Sincerely,

Ken Christensen
Global Product Manager, North America

HYUNDAI HEAVY INDUSTRIES CO.,LTD.

Guarantee List

Serial No. 20133920TGD011

Description	Unit	Guarantee Value	Tolerance	Measured Value/Result
1. Construction & dimension		Approved Spec. & dwg.		Satisfied
2. No load losses at rated frequency at 20℃ (after 110% over excitation test)				
a) at 90% rated voltage	kW	-	-	39.257
b) at 100% rated voltage	kW	54.0	-	50.409
c) at 105% rated voltage	kW	-	-	57.150
d) at 110% rated voltage	kW	-	-	64.804
3. Exciting current at rated frequency				
65 MVA base rating				
a) at 90% rated voltage	%	-	-	0.134
b) at 100% rated voltage	%	-	-	0.141
c) at 105% rated voltage	%	-	-	0.140
d) at 110% rated voltage	%	-	-	0.136
4. Sound level (Power Level)				
a) Without cooling system (ONAN base)	dB	-	-	81.65
b) With cooling system (ONAF2 base)	dB	85.0	-	82.87
6. Percent impedance voltage at HV/LV side				
85℃ and ONAN (65) MVA base rating				
a) Tap No. 1	%	-	-	8.376
b) Tap No. 17	%	7.75	±7.5%	7.947
c) Tap No. 33	%	-	-	7.712
5. Load losses at HV/LV side				
85℃ and ONAF2 (108) MVA base rating				
a) Tap No. 1	kW	-	-	292.202
b) Tap No. 17	kW	303.0	-	294.564
c) Tap No. 33	kW	-	-	350.249
7. Efficiency at HV/LV side				
ONAF2 (108) MVA base rating & Tap No. 17				
a) at 125% load & 1.0 power factor	%	-	-	99.623
b) at 100% load & 1.0 power factor	%	-	-	99.682
c) at 75% load & 1.0 power factor	%	-	-	99.734
d) at 50% load & 1.0 power factor	%	-	-	99.772
e) at 25% load & 1.0 power factor	%	-	-	99.747

Date of Test : 2013. 03. 13

Tested by : H. S. Kim

KOREA/KR96
☑REVIEWED
☐WITNESSED

HYUNDAI HEAVY INDUSTRIES CO.,LTD.

Measurement of sound level

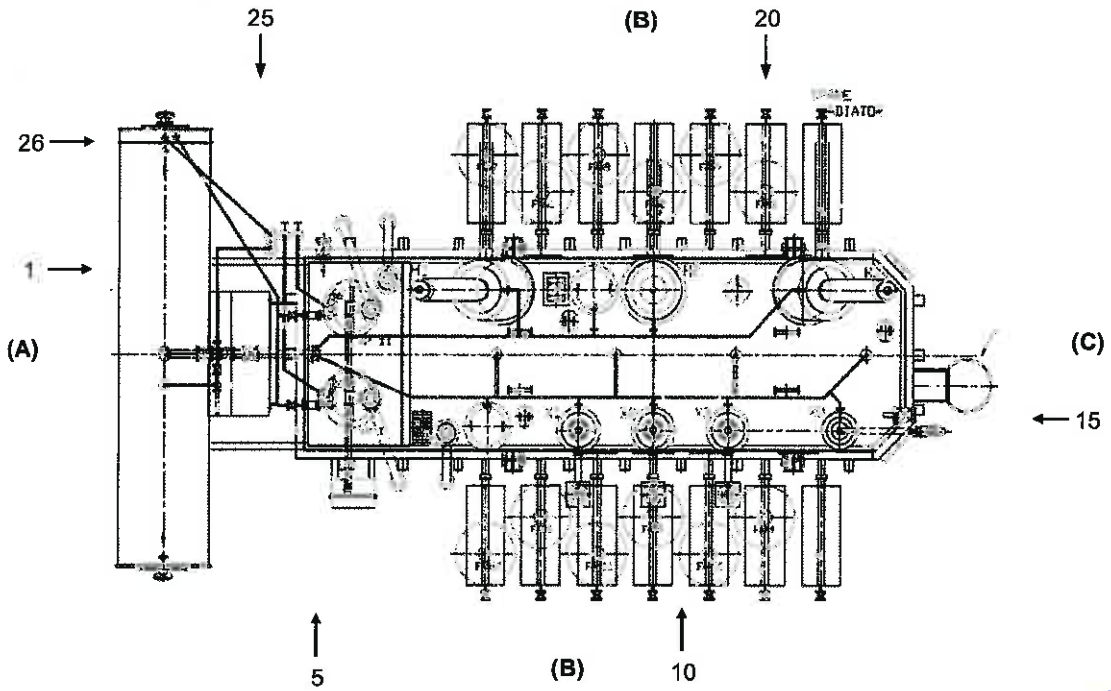
(100% Rated voltage No load condition)

Serial No. 20133920TGD011

At 100% of rated voltage 240 / 34.5 kV, frequency 60 Hz and type of cooling (ONAN)
in accordance with CAN/CSA-C88-M90

1. Guaranteed value (Pressure level) : - dBA
2. Measured value (Pressure level) : 62.6 dBA (Main tank 1.0 ft), Log sum
3. Corrected value Pressure level) : 60.2 dBA
4. Ambient sound level (at start of test) : 55.1 dBA (A : 55 B : 55 C : 56 D : 55)
5. Ambient sound level (at end of test) : 55.3 dBA (A : 55 B : 55 C : 56 D : 55)
6. Measured value (Unit : dB)

	1/3H	2/3H		1/3H	2/3H		1/3H	2/3H
1	66.0	64.0	12	62.1	62.9	23	64.8	61.8
2	66.4	62.0	13	62.8	59.3	24	59.7	60.7
3	63.5	66.3	14	62.1	61.0	25	60.4	59.9
4	64.6	59.5	15	60.7	59.9	26	63.3	63.6
5	64.3	58.2	16	60.1	60.5	27		
6	66.1	62.7	17	61.6	59.6	28		
7	62.4	63.4	18	60.9	60.3	29		
8	61.4	64.1	19	65.6	62.4	30		
9	60.6	64.6	20	63.3	63.1	31		
10	60.7	63.8	21	61.8	59.4	32		
11	57.7	64.1	22	59.3	59.8	33		



Date of Test : 2014. 03. 13

Tested by : J. H. Ryu

SGS KOREA/KR96 REVIEWED WITNESSED

Test Enviroment conditon : 500kV Test room

Test Room surface	Sv	=	7918	[m^2]	(Length 37×Width 37×Height 35ı
The length of test position	L	=	26	[m]	
Height of object	H	=	4.324	[m]	(TR 4.32 + Car 0.61 m)
Distance of test point		=	0.3	[m]	

11.1.2.2 Calculation of environmental correction Σ

The environmental correction Σ accounts for the influence of undesired sound reflections from room boundaries and/or reflecting objects near the test object. The magnitude of Σ depends principally on the ratio of the sound absorption area of the test room, A, to the area of the measurement surface, S. The calculated magnitude of Σ does not depend strongly on the location of the test object in the test room.

Σ shall be obtained from equation (10) or figure 6 by entering the abscissa with the appropriate value of A/S.

$$\Sigma = 10 \lg \left(1 + \frac{4}{A/S}\right) \qquad (10)$$

The value of S shall be calculated from the appropriate equation (equation (6), (7), (8) or (9)). The value of A in square metres is given by equation (11):

$$A = \alpha S_v \qquad (11)$$

where

α is the average acoustic absorption coefficient (see table 1);

S_v is the total area of the surface of the test room (walls, ceilings and floors) in square metres.

table 1. average acoustic absorption coefficient

	Test Laboratory				
	800kV	**500kV**	**400kV**	**300kV**	**200kV**
average acoustic absorption	**0.18**	**0.16**	**0.14**	**0.13**	**0.22**

$A = \alpha S_V$: sound absorption area

α : average acoustic absorption coefficient 0.16

S_V : total area of the surface of the test room, [m2]

A = 0.16 × 7918 = 1266.9 [m^2]

Environment collection factor K

$$K = 10 \log_{10} \left[1 + \frac{4}{(A/S)}\right]$$

$$= 10 \log_{10} \left[1 + \frac{4}{1267 \;/\; 140.53} \right] = 1.595$$

SGS KOREA/KR96 REVIEWED WITNESSED

Calculation of sound pressure level

Test condition : 100% Voltage, ONAN at 0.3m

$L_{pA,\ background}$	=	55.30 dB	$L_{pA,\ background}$ =	background noise
$L_{pA,\ object}$	=	62.65 dB	$L_{pA,\ object}$ =	sound pressure level of test object

The corrected average A-weighted sound pressure level, $\overline{L_{pA}}$, shall be calculated by using equation (16):

$$\overline{L_{pA}} = 10 \lg \left(10^{0.1 \overline{L_{pA0}}} - 10^{0.1 \overline{L_{pBA}}} \right) - K \qquad (16)$$

$\overline{L_{pA}}$ = 10 log (10 $^{0.1\times\ 62.6}$ - 10 $^{0.1\times\ 55.3}$) - K (K= environmental correction

= 10 log (10 $^{0.1\times\ 62.6}$ - 10 $^{0.1\times\ 55.3}$) - 1.595

= **60.17** dB

Calculation of sound power level

The A-weighted sound power level of the test object, L_{WA}

$$L_{WA} = \overline{L_{pA}} + 10 \lg \frac{S}{S_0}$$

where S is derived from equation (6), (7), (8) or (9), as appropriate, and S_0 is equal to the reference area (1 m^2).

10.1 **Measurements made at 0.3 m from the principal radiating surface**

The area S of the measurement surface, expressed in square metres, is given by equation (6):

$$S = 1.25\, h l_m \qquad (6)$$

where

h is either the height in metres of the transformer tank (figures 1, 2 or 3) or, for dry-type transformers without enclosures (figure 5), the height in metres of the core and its framework;

l_m is the length in metres of the prescribed contour;

1.25 is an empirical factor intended to take account of the sound energy radiated by the upper part of the test object.

S = 1.25 × 4.324 × 26 = 140.53 [m^2]

L_{WA} = 60.17 + 10 log (140.5)

= 81.65 dB

Calculated overall sound power level of the unit is 81.65 dB

SGS KOREA/KR96 REVIEWED WITNESSED

HYUNDAI HEAVY INDUSTRIES CO.,LTD.

Calculation of 1/3 octave band sound level

Serial No. 20133920TGD011

※ Test condition : No Load loss Test, without cooling (ONAN base)

Octave band Sound Level Calculation

No.	Hz	sound value	A-weighting	A-weighted	Lp/10	10^(Lp/10)
1	12.5	55.5	-63.4	-7.9	-0.79	0.2
2	16	58.3	-56.7	1.6	0.16	1.4
3	20	68.8	-50.5	18.3	1.83	68.2
4	25	61.1	-44.7	16.4	1.64	43.6
5	31.5	61.9	-39.4	22.5	2.25	178.4
6	40	60.4	-34.6	25.8	2.58	384.4
7	50	59.7	-30.2	29.5	2.95	900.7
8	63	58.5	-26.2	32.3	3.23	1700.3
9	80	58.5	-22.5	36.0	3.60	3977.9
10	100	57.2	-19.1	38.1	3.81	6456.8
11	125	65.6	-16.1	49.5	4.95	90067.7
12	160	54.5	-13.4	41.1	4.11	12982.1
13	200	56.6	-10.9	45.7	4.57	37138.7
14	250	66.0	-8.6	57.4	5.74	547532.7
15	315	58.6	-6.6	52.0	5.20	158611.1
16	400	62.0	-4.8	57.2	5.72	528807.1
17	500	53.7	-3.2	50.5	5.05	112011.4
18	630	49.6	-1.9	47.7	4.77	59368.3
19	800	48.2	-0.8	47.4	4.74	54661.4
20	1K	46.5	0.0	46.5	4.65	44726.8
21	1.25K	44.6	0.6	45.2	4.52	33448.9
22	1.6K	43.7	1.0	44.7	4.47	29602.3
23	2K	43.4	1.2	44.6	4.46	29146.1
24	2.5K	43.4	1.3	44.7	4.47	29351.2
25	3.15K	43.4	1.2	44.6	4.46	28822.7
26	4K	43.4	1.0	44.4	4.44	27416.4
27	5K	43.4	0.5	43.9	4.39	24434.9
28	6.3K	43.4	-0.1	43.3	4.33	21272.3
29	8K	43.4	-1.1	42.3	4.23	16889.8
30	10K	43.4	-2.5	40.9	4.09	12241.0
			ΣdB(A)	**62.8**	SUM	1912245

1) Sound pressure level : **62.3 dB**

2) Ambient noise level : **55.1 dB**

SGS KOREA/KR96 REVIEWED WITNESSED

Date of test : 2014. 03. 12 | Tested by : J. H. Ryu

HYUNDAI HEAVY INDUSTRIES CO.,LTD.

Measurement of sound level

(100% Rated voltage No load condition)

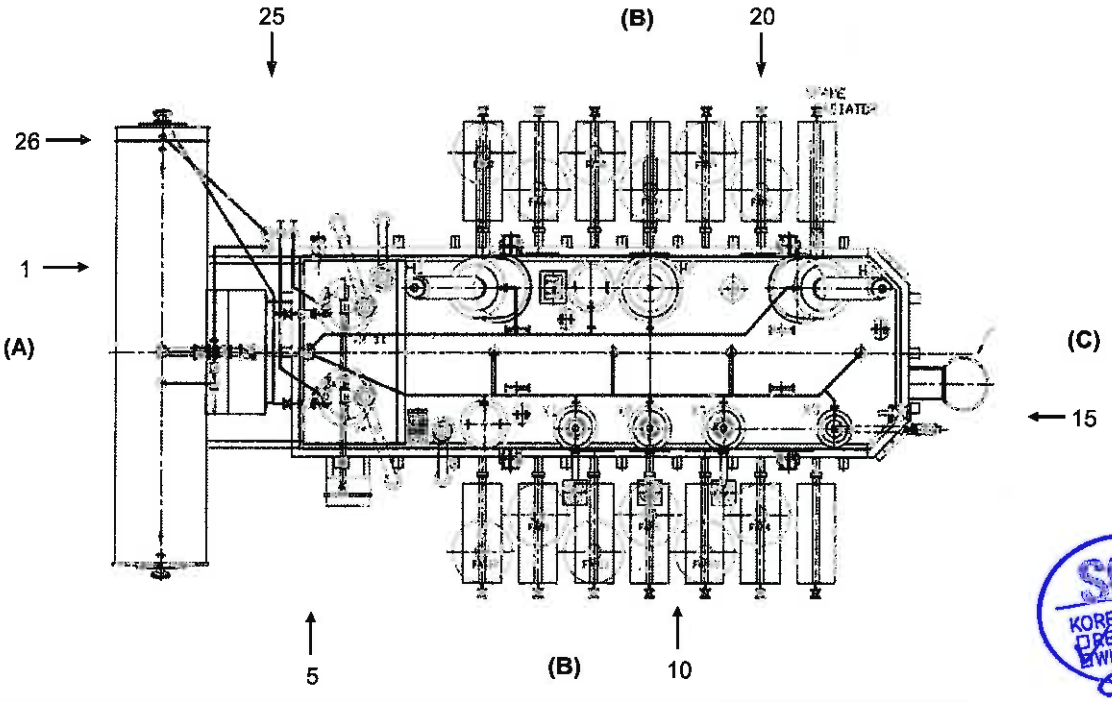
Serial No. 20133920TGD011

At 100% of rated voltage 240 / 34.5 kV, frequency 60 Hz and type of cooling (ONAF2)

in accordance with CAN/CSA-C88-M90

1. Guaranteed value (Pressure level) : - dBA
2. Measured value (Pressure level) : 63.6 dBA (Main tank 6.0 ft), Log sum
3. Corrected value Pressure level) : 61.2 dBA
4. Ambient sound level (at start of test) : 55.1 dBA (A : 55 B : 55 C : 56 D : 55)
5. Ambient sound level (at end of test) : 55.3 dBA (A : 55 B : 55 C : 56 D : 55)
6. Measured value (Unit : dB)

	1/3H	2/3H		1/3H	2/3H		1/3H	2/3H
1	67.2	62.4	12	62.8	61.6	23	63.9	64.1
2	66.7	63.0	13	61.9	61.5	24	61.8	62.9
3	65.0	64.1	14	61.2	60.0	25	62.1	62.5
4	62.7	63.9	15	60.4	61.7	26	64.5	61.9
5	63.0	65.4	16	63.9	60.4	27		
6	67.6	69.4	17	63.6	61.3	28		
7	64.5	61.3	18	62.2	62.8	29		
8	66.4	66.5	19	62.2	63.3	30		
9	62.8	61.8	20	63.3	60.7	31		
10	60.5	61.6	21	60.5	62.3	32		
11	63.8	62.5	22	63.0	61.8	33		



SGS KOREA/KR96 REVIEWED WITNESSED

Date of Test : 2014. 03. 13	Tested by : J. H. Ryu

Test Enviroment conditon : 500kV Test room

Test Room surface	Sv	=	7918	[m^2]	(Length 37×Width 37×Height 35
The length of test position	L	=	27	[m]	
Height of object	H	=	4.324	[m]	(TR 4.32 + Car 0.61 m)
Distance of test point		=	0.3	[m]	

11.1.2.2 Calculation of environmental correction E

The environmental correction E accounts for the influence of undesired sound reflections from room boundaries and/or reflecting objects near the test object. The magnitude of E depends principally on the ratio of the sound absorption area of the test room, A, to the area of the measurement surface, S. The calculated magnitude of E does not depend strongly on the location of the test object in the test room.

E shall be obtained from equation (10) or figure 6 by entering the abscissa with the appropriate value of A/S.

$$E = 10 \lg \left(1 + \frac{4}{A/S}\right) \quad (10)$$

The value of S shall be calculated from the appropriate equation (equation (6), (7), (8) or (8)). The value of A in square metres is given by equation (11):

$$A = \alpha S_v \quad (11)$$

where

α is the average acoustic absorption coefficient (see table 1);

S_v is the total area of the surface of the test room (walls, ceilings and floors) in square metres.

table 1. average acoustic absorption coefficient

	Test Laboratory				
	800kV	**500kV**	**400kV**	**300kV**	**200kV**
average acoustic absorption	**0.18**	**0.16**	**0.14**	**0.13**	**0.22**

$A = \alpha S_V$: sound absorption area

α : average acoustic absorption coefficient 0.16

S_V : total area of the surface of the test room, [m2]

A = 0.16 × 7918 = 1266.9 [m^2]

Environment collection factor K

$$K = 10 \log_{10} \left[1 + \frac{4}{(A/S)}\right]$$

$$= 10 \log_{10} \left[1 + \frac{4}{1267 / 145.94}\right] = 1.646$$

SGS KOREA/KR96 REVIEWED WITNESSED

Calculation of sound pressure level

Test condition : 100% Voltage, ONAF2 at 2.0m

$L_{pA,\ background}$ = 55.30 dB $L_{pA,\ background}$ = background noise

$L_{pA,\ object}$ = 63.58 dB $L_{pA,\ object}$ = sound pressure level of test object

The corrected average A-weighted sound pressure level, $\overline{L_{pA}}$, shall be calculated by using equation (16):

$$\overline{L_{pA}} = 10 \lg \left(10^{0.1 \overline{L_{pA+B}}} - 10^{0.1 \overline{L_{pA}}} \right) - K \qquad (16)$$

$\overline{L_{pA}}$ = 10 log ($10^{0.1\times 63.6}$ - $10^{0.1\times 55.3}$) - K (K= environmental correction

= 10 log ($10^{0.1\times 63.6}$ - $10^{0.1\times 55.3}$) - 1.646

= **61.23** dB

Calculation of sound power level

The A-weighted sound power level of the test object, L_{WA}

$$L_{WA} = \overline{L_{pA}} + 10 \lg \frac{S}{S_0}$$

where S is derived from equation (6), (7), (8) or (9), as appropriate, and S_0 is equal to the reference area (1 m^2).

10.1 **Measurements made at 0.3 m from the principal radiating surface**

The area S of the measurement surface, expressed in square metres, is given by equation (6):

$$S = 1.25\, h l_m \qquad (6)$$

where

h is either the height in metres of the transformer tank (figures 1, 2 or 3) or, for dry-type transformers without enclosures (figure 5), the height in metres of the core and its framework;

l_m is the length in metres of the prescribed contour;

1,25 is an empirical factor intended to take account of the sound energy radiated by the upper part of the test object.

S = 1.25 × 4.324 × 27 = 145.94 [m^2]

L_{WA} = 61.23 + 10 log (145.9)

= 82.87 dB

Calculated overall sound power level of the unit is 82.87 dB

108 MVA Substation Transformer - (ONAF2)

Lw (manufacturer specified)	82.87	dB(A)

Lw: Sound Power Level

Centre Frequency	Corr1	Corr2	PWL	add 5 dB	A-weighted correction	PWL (A-weighted)
31.5	-1	-2.4	79.47	84.47	-39.4	45.1
63	5	-2.4	85.47	90.47	-26.2	64.3
125	7	-2.4	87.47	92.47	-16.1	76.4
250	2	-2.4	82.47	87.47	-8.6	78.9
500	2	-2.4	82.47	87.47	-3.2	84.3
1000	-4	-2.4	76.47	81.47	0	81.5
2000	-9	-2.4	71.47	76.47	1.2	77.7
4000	-14	-2.4	66.47	71.47	1	72.5
8000	-21	-2.4	59.47	64.47	-1.1	63.4
Overall:			**91.5**	**96.5**		**87.8**

Purpose

The purpose of this document is to present the noise evaluation of the shunt reactor SHC-121488/454.

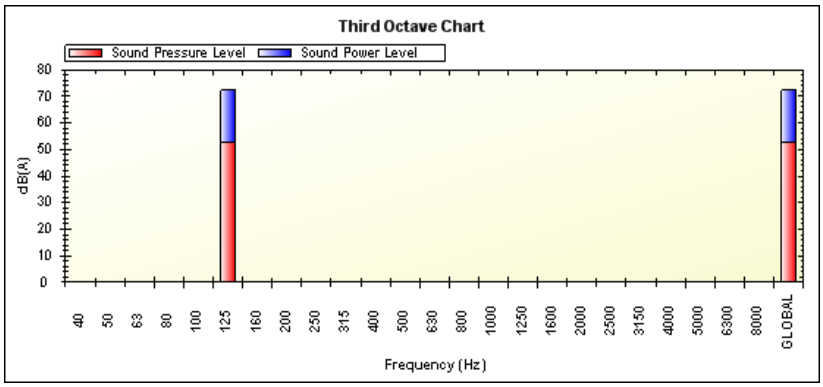
Reactor Data

Serial number	5192161931.10
Rated Inductance	121.488 mH (-5/+5%)
Rated Current	454 A
Rated Frequency	60 Hz
Rated Voltage	34.5 kV
Insulation Level	200 kVp

Considerations

In the noise evaluation of the reactor only the fundamental frequency (60 Hz) was taken into consideration. The program provides a total sound level per phase by element finites calculations. The sound pressure level is calculated at 2 meters from reactor's surface and in a free environment.

Equipment:	SHC-121488/454		
Designation:	ALSTOM		
Distance Emitter-Receiver (mm):	2000		
Result:	Frequency (Hz)	**Sound Pressure Level (dB(A))**	Sound Power Level (dB(A))
	125	**52.5**	72.2



Note:

Standard - Calculated sound pressure level based on IEC 60076-10 and IEEE C57.16-1996 standards.

Other - Calculated sound pressure level for cylindrical radiation (for long distances) or spherical radiation (for short distances).

Issue				**Modification**				**Revision**
Issued	Date	Approved	Control	Checked	Date	Approved	Control	**00**
ACF	06/05/2014	DGM	DGM					

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Line Reactor

Lw (manufacturer specified) - Single Coil	72.20	dB(A)
Lw (manufacturer specified) - Single Coil	72.20	dB(A)
Lw (manufacturer specified) - Single Coil	72.20	dB(A)
Total for Line reactor with 3 coils	**77.0**	**dB(A)**

Lw: Sound Power Level

Centre Frequency	Corr1	Corr2	PWL	add 5 dB	A-weighted correction	PWL (A-weighted)
31.5	-1	-2.4	73.57	78.57	-39.4	39.2
63	5	-2.4	79.57	84.57	-26.2	58.4
125	7	-2.4	81.57	86.57	-16.1	70.5
250	2	-2.4	76.57	81.57	-8.6	73.0
500	2	-2.4	76.57	81.57	-3.2	78.4
1000	-4	-2.4	70.57	75.57	0	75.6
2000	-9	-2.4	65.57	70.57	1.2	71.8
4000	-14	-2.4	60.57	65.57	1	66.6
8000	-21	-2.4	53.57	58.57	-1.1	57.5
Overall:			**85.6**	**90.6**		**81.9**

APPENDIX B

CADNA/A Noise Modelling and Calculations

DRAFT

Receiver: Existing Noise Receptor
ID: R1
X: 519828
Y: 4885842
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	INVERTER	MV37	520345.66	4884850.78	2	0	0	100.3	100.3	1	1118.26	3.25	0	71.97	0	-0.19	0	0	11.28	0	0	0	0	0	0	17.25	17.25
	INVERTER	MV38	520380.93	4884646.78	2	0	0	100.3	100.3	1	1316.93	3.25	0	73.39	0	-0.1	0	0	11.85	0	0	0	0	0	0	15.17	15.17
	INVERTER	MV39	520562.49	4884730.78	2	0	0	100.3	100.3	1	1332.03	3.25	0	73.49	0	-0.1	0	0	11.89	0	0	0	0	0	0	15.03	15.03
	INVERTER	MV41	520981.28	4884667.9	2	0	0	100.3	100.3	1	1645.77	3.25	0	75.33	0	0.02	0	0	12.68	0	0	0	0	0	0	12.29	12.29
	INVERTER	MV44	521154.3	4884833.37	2	0	0	100.3	100.3	1	1666.26	3.25	0	75.43	0	0.03	0	0	12.72	0	0	0	0	0	0	12.13	12.13
	INVERTER	MV42	521026.63	4884437.16	2	0	0	100.3	100.3	1	1846.7	3.25	0	76.33	0	0.08	0	0	13.13	0	0	0	0	0	0	10.77	10.77
	INVERTER	MV45	521201.3	4884593.26	2	0	0	100.3	100.3	1	1856.15	3.25	0	76.37	0	0.09	0	0	13.15	0	0	0	0	0	0	10.7	10.7
	INVERTER	MV40	520573.85	4884258.92	2	0	0	86.1	86.1	1	1749.98	3.25	0	75.86	0	0.85	0	0	7.63	0	0	0	0	0	0	1.72	1.72
	INV TRANSFORMER	MV37T	520345.16	4884856.58	2	0	0	68.7	68.7	1	1112.88	3.25	0	71.93	0	0.31	0	0	2.75	0	0	0	0	0	0	-6.31	-6.31
	INV TRANSFORMER	MV38T	520380.43	4884652.58	2	0	0	68.7	68.7	1	1311.45	3.25	0	73.36	0	0.36	0	0	3.13	0	0	0	0	0	0	-8.17	-8.17
	INV TRANSFORMER	MV39T	520562	4884736.58	2	0	0	68.7	68.7	1	1326.92	3.25	0	73.46	0	0.36	0	0	3.16	0	0	0	0	0	0	-8.31	-8.31
	INV TRANSFORMER	MV40T	520573.54	4884264.74	2	0	0	69.6	69.6	1	1744.59	3.25	0	75.83	0	0.47	0	0	3.92	0	0	0	0	0	0	-10.66	-10.66
	INV TRANSFORMER	MV41T	520981.91	4884662.11	2	0	0	68.7	68.7	1	1650.35	3.25	0	75.35	0	0.45	0	0	3.76	0	0	0	0	0	0	-10.88	-10.88
	INV TRANSFORMER	MV44T	521153.69	4884839.17	2	0	0	68.7	68.7	1	1662.27	3.25	0	75.41	0	0.45	0	0	3.78	0	0	0	0	0	0	-10.97	-10.97
	INV TRANSFORMER	MV42T	521027.26	4884431.37	2	0	0	68.7	68.7	1	1851.52	3.25	0	76.35	0	0.5	0	0	4.11	0	0	0	0	0	0	-12.29	-12.29
	INV TRANSFORMER	MV45T	521200.69	4884599.06	2	0	0	68.7	68.7	1	1851.81	3.25	0	76.35	0	0.5	0	0	4.11	0	0	0	0	0	0	-12.29	-12.29
mit. Value D/N:		0					0																				
Level D/N:		22.4831					22.4831																				

Receiver: Existing Noise Receptor
ID: R2
X: 520044
Y: 4885839
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	INVERTER	MV37	520345.66	4884850.78	2	0	0	100.3	100.3	1	1033.24	3.25	0	71.28	0	-0.23	0	0	11.02	0	0	0	0	0	0	18.24	18.24
	INVERTER	MV39	520562.49	4884730.78	2	0	0	100.3	100.3	1	1223.52	3.25	0	72.75	0	-0.14	0	0	11.59	0	0	0	0	0	0	16.11	16.11
	INVERTER	MV38	520380.93	4884646.78	2	0	0	100.3	100.3	1	1238.92	3.25	0	72.86	0	-0.14	0	0	11.64	0	0	0	0	0	0	15.95	15.95
	INVERTER	MV44	521154.3	4884833.37	2	0	0	100.3	100.3	1	1498.02	3.25	0	74.51	0	-0.03	0	0	12.32	0	0	0	0	0	0	13.52	13.52
	INVERTER	MV41	520981.28	4884667.9	2	0	0	100.3	100.3	1	1499.99	3.25	0	74.52	0	-0.03	0	0	12.32	0	0	0	0	0	0	13.5	13.5
	INVERTER	MV45	521201.3	4884593.26	2	0	0	100.3	100.3	1	1700.35	3.25	0	75.61	0	0.04	0	0	12.8	0	0	0	0	0	0	11.86	11.86
	INVERTER	MV42	521026.63	4884437.16	2	0	0	100.3	100.3	1	1711.94	3.25	0	75.67	0	0.04	0	0	12.83	0	0	0	0	0	0	11.77	11.77
	INVERTER	MV40	520573.85	4884258.92	2	0	0	86.1	86.1	1	1666.56	3.25	0	75.44	0	0.83	0	0	7.49	0	0	0	0	0	0	2.3	2.3
	INV TRANSFORMER	MV37T	520345.16	4884856.58	2	0	0	68.7	68.7	1	1027.55	3.25	0	71.24	0	0.29	0	0	2.58	0	0	0	0	0	0	-5.42	-5.42
	INV TRANSFORMER	MV39T	520562	4884736.58	2	0	0	68.7	68.7	1	1218.05	3.25	0	72.71	0	0.34	0	0	2.95	0	0	0	0	0	0	-7.32	-7.32
	INV TRANSFORMER	MV38T	520380.43	4884652.58	2	0	0	68.7	68.7	1	1233.2	3.25	0	72.82	0	0.34	0	0	2.98	0	0	0	0	0	0	-7.47	-7.47
	INV TRANSFORMER	MV44T	521153.69	4884839.17	2	0	0	68.7	68.7	1	1493.68	3.25	0	74.49	0	0.41	0	0	3.47	0	0	0	0	0	0	-9.69	-9.69
	INV TRANSFORMER	MV40T	520573.54	4884264.74	2	0	0	69.6	69.6	1	1660.94	3.25	0	75.41	0	0.45	0	0	3.78	0	0	0	0	0	0	-10.06	-10.06
	INV TRANSFORMER	MV41T	520981.91	4884662.11	2	0	0	68.7	68.7	1	1504.91	3.25	0	74.55	0	0.41	0	0	3.49	0	0	0	0	0	0	-9.78	-9.78
	INV TRANSFORMER	MV45T	521200.69	4884599.06	2	0	0	68.7	68.7	1	1695.7	3.25	0	75.59	0	0.46	0	0	3.84	0	0	0	0	0	0	-11.21	-11.21
	INV TRANSFORMER	MV42T	521027.26	4884431.37	2	0	0	68.7	68.7	1	1717.04	3.25	0	75.7	0	0.47	0	0	3.88	0	0	0	0	0	0	-11.36	-11.36
mit. Value D/N:		0					0																				
Level D/N:		23.5205					23.5205																				

Receiver: Existing Noise Receptor
ID: R3
X: 521911
Y: 4885662
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	INVERTER	MV44	521154.3	4884833.37	2	0	0	100.3	100.3	1	1122.15	3.25	0	72	0	-0.19	0	0	11.3	0	0	0	0	0	0	17.2	17.2
	INVERTER	MV45	521201.3	4884593.26	2	0	0	100.3	100.3	1	1282.92	3.25	0	73.16	0	-0.12	0	0	11.76	0	0	0	0	0	0	15.51	15.51
	INVERTER	MV41	520981.28	4884667.9	2	0	0	100.3	100.3	1	1361.11	3.25	0	73.68	0	-0.09	0	0	11.97	0	0	0	0	0	0	14.75	14.75
	INVERTER	MV42	521026.63	4884437.16	2	0	0	100.3	100.3	1	1510.74	3.25	0	74.58	0	-0.03	0	0	12.35	0	0	0	0	0	0	13.41	13.41
	INVERTER	MV39	520562.49	4884730.78	2	0	0	100.3	100.3	1	1638.8	3.25	0	75.29	0	0.02	0	0	12.66	0	0	0	0	0	0	12.35	12.35
	INVERTER	MV37	520345.66	4884850.78	2	0	0	100.3	100.3	1	1763.06	3.25	0	75.93	0	0.06	0	0	12.95	0	0	0	0	0	0	11.38	11.38
	INVERTER	MV38	520380.93	4884646.78	2	0	0	100.3	100.3	1	1836.25	3.25	0	76.28	0	0.08	0	0	13.11	0	0	0	0	0	0	10.84	10.84
	INVERTER	MV36	521687.36	4883832.75	2	0	0	100.3	100.3	1	1842.87	3.25	0	76.31	0	0.08	0	0	13.12	0	0	0	0	0	0	10.8	10.8
	INVERTER	MV40	520573.85	4884258.92	2	0	0	86.1	86.1	1	1938.2	3.25	0	76.75	0	0.89	0	0	7.94	0	0	0	0	0	0	0.47	0.47

	INV TRANSFORMER	MV44T	521153.69	4884839.17	2	0	0	68.7	68.7	1	1118.29	3.25	0	71.97	0	0.31	0	0	2.76	0	0	0	0	0	0	-6.36	-6.36
	INV TRANSFORMER	MV45T	521200.69	4884599.06	2	0	0	68.7	68.7	1	1278.44	3.25	0	73.13	0	0.35	0	0	3.07	0	0	0	0	0	0	-7.88	-7.88
	INV TRANSFORMER	MV41T	520981.91	4884662.11	2	0	0	68.7	68.7	1	1364.92	3.25	0	73.7	0	0.37	0	0	3.23	0	0	0	0	0	0	-8.63	-8.63
	INV TRANSFORMER	MV42T	521027.26	4884431.37	2	0	0	68.7	68.7	1	1515.08	3.25	0	74.61	0	0.41	0	0	3.51	0	0	0	0	0	0	-9.86	-9.86
	INV TRANSFORMER	MV39T	520562	4884736.58	2	0	0	68.7	68.7	1	1635.92	3.25	0	75.28	0	0.45	0	0	3.73	0	0	0	0	0	0	-10.78	-10.78
	INV TRANSFORMER	MV40T	520573.54	4884264.74	2	0	0	69.6	69.6	1	1934.21	3.25	0	76.73	0	0.53	0	0	4.25	0	0	0	0	0	0	-11.93	-11.93
	INV TRANSFORMER	MV37T	520345.16	4884856.58	2	0	0	68.7	68.7	1	1760.84	3.25	0	75.91	0	0.48	0	0	3.95	0	0	0	0	0	0	-11.67	-11.67
	INV TRANSFORMER	MV38T	520380.43	4884652.58	2	0	0	68.7	68.7	1	1833.46	3.25	0	76.27	0	0.5	0	0	4.08	0	0	0	0	0	0	-12.17	-12.17
	INV TRANSFORMER	MV36T	521686.86	4883838.56	2	0	0	68.7	68.7	1	1837.17	3.25	0	76.28	0	0.5	0	0	4.09	0	0	0	0	0	0	-12.19	-12.19
mit. Value D/N:	0	0																									
Level D/N:	22.9447	22.9447																									

Receiver: Existing Noise Receptor
ID: R4
X: 521857
Y: 4885474
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	INVERTER	MV44	521154.3	4884833.37	2	0	0	100.3	100.3	1	950.89	3.25	0	70.56	0	-0.27	0	0	10.75	0	0	0	0	0	0	19.27	19.27
	INVERTER	MV45	521201.3	4884593.26	2	0	0	100.3	100.3	1	1098.02	3.25	0	71.81	0	-0.2	0	0	11.22	0	0	0	0	0	0	17.48	17.48
	INVERTER	MV41	520981.28	4884667.9	2	0	0	100.3	100.3	1	1190.25	3.25	0	72.51	0	-0.16	0	0	11.5	0	0	0	0	0	0	16.46	16.46
	INVERTER	MV42	521026.63	4884437.16	2	0	0	100.3	100.3	1	1328.37	3.25	0	73.47	0	-0.1	0	0	11.88	0	0	0	0	0	0	15.06	15.06
	INVERTER	MV39	520562.49	4884730.78	2	0	0	100.3	100.3	1	1492.7	3.25	0	74.48	0	-0.04	0	0	12.31	0	0	0	0	0	0	13.56	13.56
	INVERTER	MV37	520345.66	4884850.78	2	0	0	100.3	100.3	1	1634.8	3.25	0	75.27	0	0.01	0	0	12.65	0	0	0	0	0	0	12.38	12.38
	INVERTER	MV36	521687.36	4883832.75	2	0	0	100.3	100.3	1	1649.99	3.25	0	75.35	0	0.02	0	0	12.69	0	0	0	0	0	0	12.26	12.26
	INVERTER	MV38	520380.93	4884646.78	2	0	0	100.3	100.3	1	1692.07	3.25	0	75.57	0	0.03	0	0	12.78	0	0	0	0	0	0	11.93	11.93
	INVERTER	MV35	521726.44	4883606.75	2	0	0	100.3	100.3	1	1871.81	3.25	0	76.45	0	0.09	0	0	13.19	0	0	0	0	0	0	10.59	10.59
	INVERTER	MV33	521543.7	4883556.75	2	0	0	100.3	100.3	1	1942.68	3.25	0	76.77	0	0.11	0	0	13.34	0	0	0	0	0	0	10.09	10.09
	INVERTER	MV22	520936.62	4883746.98	2	0	0	100.3	100.3	1	1956.96	3.25	0	76.83	0	0.12	0	0	13.37	0	0	0	0	0	0	9.99	9.99
	INVERTER	MV32	521521.23	4883686.75	2	0	0	97.3	97.3	1	1818.52	3.25	0	76.19	0	0.08	0	0	13.07	0	0	0	0	0	0	7.97	7.97
	INVERTER	MV30	521351.26	4883666.75	2	0	0	97.3	97.3	1	1876.68	3.25	0	76.47	0	0.09	0	0	13.2	0	0	0	0	0	0	7.55	7.55
	INVERTER	MV26	521131.56	4883726.75	2	0	0	97.3	97.3	1	1891.86	3.25	0	76.54	0	0.1	0	0	13.23	0	0	0	0	0	0	7.45	7.45
	INVERTER	MV40	520573.85	4884258.92	2	0	0	86.1	86.1	1	1767.17	3.25	0	75.95	0	0.85	0	0	7.66	0	0	0	0	0	0	1.6	1.6
	INV TRANSFORMER	MV44T	521153.69	4884839.17	2	0	0	68.7	68.7	1	947.45	3.25	0	70.53	0	0.27	0	0	2.41	0	0	0	0	0	0	-4.53	-4.53
	INV TRANSFORMER	MV45T	521200.69	4884599.06	2	0	0	68.7	68.7	1	1093.75	3.25	0	71.78	0	0.3	0	0	2.71	0	0	0	0	0	0	-6.11	-6.11
	INV TRANSFORMER	MV41T	520981.91	4884662.11	2	0	0	68.7	68.7	1	1193.72	3.25	0	72.54	0	0.33	0	0	2.9	0	0	0	0	0	0	-7.1	-7.1
	INV TRANSFORMER	MV42T	521027.26	4884431.37	2	0	0	68.7	68.7	1	1332.5	3.25	0	73.49	0	0.37	0	0	3.17	0	0	0	0	0	0	-8.35	-8.35
	INV TRANSFORMER	MV39T	520562	4884736.58	2	0	0	68.7	68.7	1	1490.24	3.25	0	74.47	0	0.41	0	0	3.47	0	0	0	0	0	0	-9.66	-9.66
	INV TRANSFORMER	MV40T	520573.54	4884264.74	2	0	0	69.6	69.6	1	1763.4	3.25	0	75.93	0	0.48	0	0	3.96	0	0	0	0	0	0	-10.79	-10.79
	INV TRANSFORMER	MV37T	520345.16	4884856.58	2	0	0	68.7	68.7	1	1633.06	3.25	0	75.26	0	0.44	0	0	3.73	0	0	0	0	0	0	-10.75	-10.75
	INV TRANSFORMER	MV32T	521520.73	4883692.56	2	0	0	69.6	69.6	1	1812.9	3.25	0	76.17	0	0.49	0	0	4.04	0	0	0	0	0	0	-11.13	-11.13
	INV TRANSFORMER	MV36T	521686.86	4883838.56	2	0	0	68.7	68.7	1	1644.27	3.25	0	75.32	0	0.45	0	0	3.75	0	0	0	0	0	0	-10.84	-10.84
	INV TRANSFORMER	MV30T	521350.76	4883672.56	2	0	0	69.6	69.6	1	1871.22	3.25	0	76.44	0	0.51	0	0	4.15	0	0	0	0	0	0	-11.52	-11.52
	INV TRANSFORMER	MV38T	520380.43	4884652.58	2	0	0	68.7	68.7	1	1689.67	3.25	0	75.56	0	0.46	0	0	3.83	0	0	0	0	0	0	-11.17	-11.17
	INV TRANSFORMER	MV26T	521131.06	4883732.56	2	0	0	69.6	69.6	1	1886.69	3.25	0	76.51	0	0.51	0	0	4.17	0	0	0	0	0	0	-11.62	-11.62
	INV TRANSFORMER	MV35T	521725.94	4883612.56	2	0	0	68.7	68.7	1	1866.05	3.25	0	76.42	0	0.51	0	0	4.14	0	0	0	0	0	0	-12.39	-12.39
	INV TRANSFORMER	MV33T	521543.21	4883562.56	2	0	0	68.7	68.7	1	1937.03	3.25	0	76.74	0	0.53	0	0	4.26	0	0	0	0	0	0	-12.85	-12.85
	INV TRANSFORMER	MV22T	520936.13	4883752.78	2	0	0	68.7	68.7	1	1952.08	3.25	0	76.81	0	0.53	0	0	4.28	0	0	0	0	0	0	-12.95	-12.95
	INV TRANSFORMER	MV27T	521153.54	4883602.56	2	0	0	68.7	68.7	1	1999.29	3.25	0	77.02	0	0.54	0	0	4.37	0	0	0	0	0	0	-13.25	-13.25
mit. Value D/N:	0	0																									
Level D/N:	25.3365	25.3365																									

Receiver: Existing Noise Receptor
ID: R5
X: 521930
Y: 4885381
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	INVERTER	MV44	521154.3	4884833.37	2	0	0	100.3	100.3	1	949.53	3.25	0	70.55	0	-0.27	0	0	10.74	0	0	0	0	0	0	19.29	19.29
	INVERTER	MV45	521201.3	4884593.26	2	0	0	100.3	100.3	1	1073.1	3.25	0	71.61	0	-0.21	0	0	11.15	0	0	0	0	0	0	17.76	17.76
	INVERTER	MV41	520981.28	4884667.9	2	0	0	100.3	100.3	1	1186.84	3.25	0	72.49	0	-0.16	0	0	11.49	0	0	0	0	0	0	16.5	16.5
	INVERTER	MV42	521026.63	4884437.16	2	0	0	100.3	100.3	1	1306.49	3.25	0	73.32	0	-0.11	0	0	11.82	0	0	0	0	0	0	15.28	15.28
	INVERTER	MV39	520562.49	4884730.78	2	0	0	100.3	100.3	1	1514.22	3.25	0	74.6	0	-0.03	0	0	12.36	0	0	0	0	0	0	13.38	13.38
	INVERTER	MV36	521687.36	4883832.75	2	0	0	100.3	100.3	1	1567.15	3.25	0	74.9	0	-0.01	0	0	12.49	0	0	0	0	0	0	12.93	12.93
	INVERTER	MV37	520345.66	4884850.78	2	0	0	100.3	100.3	1	1670.72	3.25	0	75.46	0	0.03	0	0	12.73	0	0	0	0	0	0	12.09	12.09
	INVERTER	MV38	520380.93	4884646.78	2	0	0	100.3	100.3	1	1714.27	3.25	0	75.68	0	0.04	0	0	12.84	0	0	0	0	0	0	11.75	11.75
	INVERTER	MV35	521726.44	4883606.75	2	0	0	100.3	100.3	1	1785.89	3.25	0	76.04	0	0.06	0	0	13	0	0	0	0	0	0	11.21	11.21
	INVERTER	MV33	521543.7	4883556.75	2	0	0	100.3	100.3	1	1864.7	3.25	0	76.41	0	0.09	0	0	13.17	0	0	0	0	0	0	10.64	10.64

INVERTER	MV22	520936.62	4883746.98	2	0	0	100.3	100.3	1	1912.28	3.25	0	76.63	0	0.1	0	0	13.27	0	0	0	0	0	0	10.3	10.3
INVERTER	MV31	521375.47	4883526.75	2	0	0	100.3	100.3	1	1935.39	3.25	0	76.74	0	0.11	0	0	13.32	0	0	0	0	0	0	10.14	10.14
INVERTER	MV27	521154.04	4883596.75	2	0	0	100.3	100.3	1	1945.68	3.25	0	76.78	0	0.11	0	0	13.35	0	0	0	0	0	0	10.07	10.07
INVERTER	MV32	521521.23	4883686.75	2	0	0	97.3	97.3	1	1742.86	3.25	0	75.83	0	0.05	0	0	12.9	0	0	0	0	0	0	8.54	8.54
INVERTER	MV30	521351.26	4883666.75	2	0	0	97.3	97.3	1	1809.31	3.25	0	76.15	0	0.07	0	0	13.05	0	0	0	0	0	0	8.04	8.04
INVERTER	MV26	521131.56	4883726.75	2	0	0	97.3	97.3	1	1836.86	3.25	0	76.28	0	0.08	0	0	13.11	0	0	0	0	0	0	7.84	7.84
INVERTER	MV40	520573.85	4884258.92	2	0	0	86.1	86.1	1	1760.18	3.25	0	75.91	0	0.85	0	0	7.65	0	0	0	0	0	0	1.65	1.65
INV TRANSFORMER	MV44T	521153.69	4884839.17	2	0	0	68.7	68.7	1	946.7	3.25	0	70.52	0	0.27	0	0	2.41	0	0	0	0	0	0	-4.52	-4.52
INV TRANSFORMER	MV45T	521200.69	4884599.06	2	0	0	68.7	68.7	1	1069.27	3.25	0	71.58	0	0.3	0	0	2.66	0	0	0	0	0	0	-5.86	-5.86
INV TRANSFORMER	MV41T	520981.91	4884662.11	2	0	0	68.7	68.7	1	1189.83	3.25	0	72.51	0	0.33	0	0	2.9	0	0	0	0	0	0	-7.06	-7.06
INV TRANSFORMER	MV42T	521027.26	4884431.37	2	0	0	68.7	68.7	1	1310.25	3.25	0	73.35	0	0.36	0	0	3.13	0	0	0	0	0	0	-8.16	-8.16
INV TRANSFORMER	MV39T	520562	4884736.58	2	0	0	68.7	68.7	1	1512.19	3.25	0	74.59	0	0.41	0	0	3.51	0	0	0	0	0	0	-9.83	-9.83
INV TRANSFORMER	MV36T	521686.86	4883838.56	2	0	0	68.7	68.7	1	1561.49	3.25	0	74.87	0	0.43	0	0	3.6	0	0	0	0	0	0	-10.22	-10.22
INV TRANSFORMER	MV32T	521520.73	4883692.56	2	0	0	69.6	69.6	1	1737.34	3.25	0	75.8	0	0.47	0	0	3.91	0	0	0	0	0	0	-10.61	-10.61
INV TRANSFORMER	MV40T	520573.54	4884264.74	2	0	0	69.6	69.6	1	1756.71	3.25	0	75.89	0	0.48	0	0	3.95	0	0	0	0	0	0	-10.74	-10.74
INV TRANSFORMER	MV30T	521350.76	4883672.56	2	0	0	69.6	69.6	1	1803.97	3.25	0	76.12	0	0.49	0	0	4.03	0	0	0	0	0	0	-11.07	-11.07
INV TRANSFORMER	MV26T	521131.06	4883732.56	2	0	0	69.6	69.6	1	1831.85	3.25	0	76.26	0	0.5	0	0	4.08	0	0	0	0	0	0	-11.26	-11.26
INV TRANSFORMER	MV37T	520345.16	4884856.58	2	0	0	68.7	68.7	1	1669.35	3.25	0	75.45	0	0.45	0	0	3.79	0	0	0	0	0	0	-11.02	-11.02
INV TRANSFORMER	MV38T	520380.43	4884652.58	2	0	0	68.7	68.7	1	1712.24	3.25	0	75.67	0	0.47	0	0	3.87	0	0	0	0	0	0	-11.33	-11.33
INV TRANSFORMER	MV35T	521725.94	4883612.56	2	0	0	68.7	68.7	1	1780.18	3.25	0	76.01	0	0.48	0	0	3.99	0	0	0	0	0	0	-11.8	-11.8
INV TRANSFORMER	MV33T	521543.21	4883562.56	2	0	0	68.7	68.7	1	1859.12	3.25	0	76.39	0	0.51	0	0	4.12	0	0	0	0	0	0	-12.34	-12.34
INV TRANSFORMER	MV22T	520936.13	4883752.78	2	0	0	68.7	68.7	1	1907.59	3.25	0	76.61	0	0.52	0	0	4.21	0	0	0	0	0	0	-12.66	-12.66
INV TRANSFORMER	MV31T	521374.97	4883532.56	2	0	0	68.7	68.7	1	1929.97	3.25	0	76.71	0	0.52	0	0	4.25	0	0	0	0	0	0	-12.81	-12.81
INV TRANSFORMER	MV27T	521153.54	4883602.56	2	0	0	68.7	68.7	1	1940.55	3.25	0	76.76	0	0.53	0	0	4.27	0	0	0	0	0	0	-12.87	-12.87
mit. Value D/N: 0	0																								
Level D/N: 25.7359	25.7359																								

Receiver: Existing Noise Receptor
ID: R6
X: 521950
Y: 4885315
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	INVERTER	MV44	521154.3	4884833.37	2	0	0	100.3	100.3	1	930.11	3.25	0	70.37	0	-0.28	0	0	10.67	0	0	0	0	0	0	19.55	19.55
	INVERTER	MV45	521201.3	4884593.26	2	0	0	100.3	100.3	1	1039.94	3.25	0	71.34	0	-0.23	0	0	11.04	0	0	0	0	0	0	18.16	18.16
	INVERTER	MV41	520981.28	4884667.9	2	0	0	100.3	100.3	1	1164.97	3.25	0	72.33	0	-0.17	0	0	11.42	0	0	0	0	0	0	16.73	16.73
	INVERTER	MV42	521026.63	4884437.16	2	0	0	100.3	100.3	1	1274.06	3.25	0	73.1	0	-0.12	0	0	11.73	0	0	0	0	0	0	15.6	15.6
	INVERTER	MV36	521687.36	4883832.75	2	0	0	100.3	100.3	1	1505.34	3.25	0	74.55	0	-0.03	0	0	12.34	0	0	0	0	0	0	13.45	13.45
	INVERTER	MV39	520562.49	4884730.78	2	0	0	100.3	100.3	1	1505.49	3.25	0	74.55	0	-0.03	0	0	12.34	0	0	0	0	0	0	13.45	13.45
	INVERTER	MV37	520345.66	4884850.78	2	0	0	100.3	100.3	1	1670.16	3.25	0	75.46	0	0.03	0	0	12.73	0	0	0	0	0	0	12.1	12.1
	INVERTER	MV38	520380.93	4884646.78	2	0	0	100.3	100.3	1	1705.44	3.25	0	75.64	0	0.04	0	0	12.81	0	0	0	0	0	0	11.82	11.82
	INVERTER	MV35	521726.44	4883606.75	2	0	0	100.3	100.3	1	1722.81	3.25	0	75.72	0	0.04	0	0	12.85	0	0	0	0	0	0	11.69	11.69
	INVERTER	MV33	521543.7	4883556.75	2	0	0	100.3	100.3	1	1804.58	3.25	0	76.13	0	0.07	0	0	13.04	0	0	0	0	0	0	11.07	11.07
	INVERTER	MV22	520936.62	4883746.98	2	0	0	100.3	100.3	1	1866.99	3.25	0	76.42	0	0.09	0	0	13.18	0	0	0	0	0	0	10.62	10.62
	INVERTER	MV31	521375.47	4883526.75	2	0	0	100.3	100.3	1	1878.28	3.25	0	76.48	0	0.09	0	0	13.2	0	0	0	0	0	0	10.54	10.54
	INVERTER	MV27	521154.04	4883596.75	2	0	0	100.3	100.3	1	1893.66	3.25	0	76.55	0	0.1	0	0	13.23	0	0	0	0	0	0	10.43	10.43
	INVERTER	MV32	521521.23	4883686.75	2	0	0	97.3	97.3	1	1683.76	3.25	0	75.53	0	0.03	0	0	12.76	0	0	0	0	0	0	8.99	8.99
	INVERTER	MV30	521351.26	4883666.75	2	0	0	97.3	97.3	1	1753.63	3.25	0	75.88	0	0.05	0	0	12.92	0	0	0	0	0	0	8.45	8.45
	INVERTER	MV26	521131.56	4883726.75	2	0	0	97.3	97.3	1	1786.72	3.25	0	76.04	0	0.06	0	0	13	0	0	0	0	0	0	8.21	8.21
	INVERTER	MV40	520573.85	4884258.92	2	0	0	86.1	86.1	1	1734.68	3.25	0	75.78	0	0.85	0	0	7.61	0	0	0	0	0	0	1.82	1.82
	INV TRANSFORMER	MV44T	521153.69	4884839.17	2	0	0	68.7	68.7	1	927.65	3.25	0	70.35	0	0.26	0	0	2.37	0	0	0	0	0	0	-4.3	-4.3
	INV TRANSFORMER	MV45T	521200.69	4884599.06	2	0	0	68.7	68.7	1	1036.37	3.25	0	71.31	0	0.29	0	0	2.59	0	0	0	0	0	0	-5.52	-5.52
	INV TRANSFORMER	MV41T	520981.91	4884662.11	2	0	0	68.7	68.7	1	1167.68	3.25	0	72.35	0	0.32	0	0	2.85	0	0	0	0	0	0	-6.85	-6.85
	INV TRANSFORMER	MV42T	521027.26	4884431.37	2	0	0	68.7	68.7	1	1277.6	3.25	0	73.13	0	0.35	0	0	3.07	0	0	0	0	0	0	-7.87	-7.87
	INV TRANSFORMER	MV36T	521686.86	4883838.56	2	0	0	68.7	68.7	1	1499.71	3.25	0	74.52	0	0.41	0	0	3.48	0	0	0	0	0	0	-9.74	-9.74
	INV TRANSFORMER	MV39T	520562	4884736.58	2	0	0	68.7	68.7	1	1503.71	3.25	0	74.54	0	0.41	0	0	3.49	0	0	0	0	0	0	-9.77	-9.77
	INV TRANSFORMER	MV32T	521520.73	4883692.56	2	0	0	69.6	69.6	1	1678.27	3.25	0	75.5	0	0.46	0	0	3.81	0	0	0	0	0	0	-10.18	-10.18
	INV TRANSFORMER	MV40T	520573.54	4884264.74	2	0	0	69.6	69.6	1	1731.39	3.25	0	75.77	0	0.47	0	0	3.9	0	0	0	0	0	0	-10.56	-10.56
	INV TRANSFORMER	MV30T	521350.76	4883672.56	2	0	0	69.6	69.6	1	1748.34	3.25	0	75.85	0	0.48	0	0	3.93	0	0	0	0	0	0	-10.68	-10.68
	INV TRANSFORMER	MV26T	521131.06	4883732.56	2	0	0	69.6	69.6	1	1781.79	3.25	0	76.02	0	0.48	0	0	3.99	0	0	0	0	0	0	-10.92	-10.92
	INV TRANSFORMER	MV37T	520345.16	4884856.58	2	0	0	68.7	68.7	1	1669.03	3.25	0	75.45	0	0.45	0	0	3.79	0	0	0	0	0	0	-11.02	-11.02
	INV TRANSFORMER	MV38T	520380.43	4884652.58	2	0	0	68.7	68.7	1	1703.63	3.25	0	75.63	0	0.46	0	0	3.85	0	0	0	0	0	0	-11.27	-11.27
	INV TRANSFORMER	MV35T	521725.94	4883612.56	2	0	0	68.7	68.7	1	1717.12	3.25	0	75.7	0	0.47	0	0	3.88	0	0	0	0	0	0	-11.36	-11.36
	INV TRANSFORMER	MV33T	521543.21	4883562.56	2	0	0	68.7	68.7	1	1799.04	3.25	0	76.1	0	0.49	0	0	4.02	0	0	0	0	0	0	-11.93	-11.93
	INV TRANSFORMER	MV22T	520936.13	4883752.78	2	0	0	68.7	68.7	1	1862.38	3.25	0	76.4	0	0.51	0	0	4.13	0	0	0	0	0	0	-12.36	-12.36
	INV TRANSFORMER	MV31T	521374.97	4883532.56	2	0	0	68.7	68.7	1	1872.9	3.25	0	76.45	0	0.51	0	0	4.15	0	0	0	0	0	0	-12.43	-12.43
	INV TRANSFORMER	MV27T	521153.54	4883602.56	2	0	0	68.7	68.7	1	1888.6	3.25	0	76.52	0	0.51	0	0	4.18	0	0	0	0	0	0	-12.54	-12.54
	INV TRANSFORMER	MV20T	520751.23	4883714.56	2	0	0	68.7	68.7	1	1999.62	3.25	0	77.02	0	0.54	0	0	4.37	0	0	0	0	0	0	-13.25	-13.25
mit. Value D/N: 0		0																									
Level D/N: 26.0349		26.0349																									

Receiver: Existing Noise Receptor
ID: R7
X: 521960
Y: 4885188
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	INVERTER	MV44	521154.3	4884833.37	2	0	0	100.3	100.3	1	880.29	3.25	0	69.89	0	-0.31	0	0	10.49	0	0	0	0	0	0	20.23	20.23
	INVERTER	MV45	521201.3	4884593.26	2	0	0	100.3	100.3	1	964.03	3.25	0	70.68	0	-0.26	0	0	10.79	0	0	0	0	0	0	19.1	19.1
	INVERTER	MV41	520981.28	4884667.9	2	0	0	100.3	100.3	1	1108.33	3.25	0	71.89	0	-0.2	0	0	11.25	0	0	0	0	0	0	17.36	17.36
	INVERTER	MV42	521026.63	4884437.16	2	0	0	100.3	100.3	1	1197.89	3.25	0	72.57	0	-0.16	0	0	11.52	0	0	0	0	0	0	16.38	16.38
	INVERTER	MV36	521687.36	4883832.75	2	0	0	100.3	100.3	1	1382.4	3.25	0	73.81	0	-0.08	0	0	12.03	0	0	0	0	0	0	14.55	14.55
	INVERTER	MV39	520562.49	4884730.78	2	0	0	100.3	100.3	1	1470.4	3.25	0	74.35	0	-0.04	0	0	12.25	0	0	0	0	0	0	13.76	13.76
	INVERTER	MV35	521726.44	4883606.75	2	0	0	100.3	100.3	1	1598.4	3.25	0	75.07	0	0	0	0	12.56	0	0	0	0	0	0	12.67	12.67
	INVERTER	MV37	520345.66	4884850.78	2	0	0	100.3	100.3	1	1649.19	3.25	0	75.35	0	0.02	0	0	12.68	0	0	0	0	0	0	12.26	12.26
	INVERTER	MV38	520380.93	4884646.78	2	0	0	100.3	100.3	1	1669.25	3.25	0	75.45	0	0.03	0	0	12.73	0	0	0	0	0	0	12.1	12.1
	INVERTER	MV33	521543.7	4883556.75	2	0	0	100.3	100.3	1	1683.53	3.25	0	75.52	0	0.03	0	0	12.76	0	0	0	0	0	0	11.99	11.99
	INVERTER	MV31	521375.47	4883526.75	2	0	0	100.3	100.3	1	1761.09	3.25	0	75.92	0	0.06	0	0	12.94	0	0	0	0	0	0	11.4	11.4
	INVERTER	MV22	520936.62	4883746.98	2	0	0	100.3	100.3	1	1767.44	3.25	0	75.95	0	0.06	0	0	12.96	0	0	0	0	0	0	11.35	11.35
	INVERTER	MV27	521154.04	4883596.75	2	0	0	100.3	100.3	1	1783.72	3.25	0	76.03	0	0.06	0	0	12.99	0	0	0	0	0	0	11.23	11.23
	INVERTER	MV23	520969.51	4883556.75	2	0	0	100.3	100.3	1	1908.41	3.25	0	76.61	0	0.1	0	0	13.27	0	0	0	0	0	0	10.33	10.33
	INVERTER	MV20	520751.73	4883708.75	2	0	0	100.3	100.3	1	1910	3.25	0	76.62	0	0.1	0	0	13.27	0	0	0	0	0	0	10.32	10.32
	INVERTER	MV28	521190.35	4883386.75	2	0	0	100.3	100.3	1	1958.79	3.25	0	76.84	0	0.12	0	0	13.37	0	0	0	0	0	0	9.98	9.98
	INVERTER	MV32	521521.23	4883686.75	2	0	0	97.3	97.3	1	1564.05	3.25	0	74.89	0	-0.01	0	0	12.48	0	0	0	0	0	0	9.96	9.96
	INVERTER	MV30	521351.26	4883666.75	2	0	0	97.3	97.3	1	1638.52	3.25	0	75.29	0	0.02	0	0	12.66	0	0	0	0	0	0	9.35	9.35
	INVERTER	MV26	521131.56	4883726.75	2	0	0	97.3	97.3	1	1679.75	3.25	0	75.5	0	0.03	0	0	12.76	0	0	0	0	0	0	9.02	9.02
	INVERTER	MV40	520573.85	4884258.92	2	0	0	86.1	86.1	1	1668.72	3.25	0	75.45	0	0.83	0	0	7.5	0	0	0	0	0	0	2.28	2.28
	INV TRANSFORMER	MV44T	521153.69	4884839.17	2	0	0	68.7	68.7	1	878.54	3.25	0	69.88	0	0.25	0	0	2.27	0	0	0	0	0	0	-3.72	-3.72
	INV TRANSFORMER	MV45T	521200.69	4884599.06	2	0	0	68.7	68.7	1	960.95	3.25	0	70.65	0	0.27	0	0	2.44	0	0	0	0	0	0	-4.69	-4.69
	INV TRANSFORMER	MV41T	520981.91	4884662.11	2	0	0	68.7	68.7	1	1110.51	3.25	0	71.91	0	0.31	0	0	2.74	0	0	0	0	0	0	-6.28	-6.28
	INV TRANSFORMER	MV42T	521027.26	4884431.37	2	0	0	68.7	68.7	1	1201.04	3.25	0	72.59	0	0.33	0	0	2.92	0	0	0	0	0	0	-7.16	-7.16
	INV TRANSFORMER	MV36T	521686.86	4883838.56	2	0	0	68.7	68.7	1	1376.81	3.25	0	73.78	0	0.38	0	0	3.26	0	0	0	0	0	0	-8.73	-8.73
	INV TRANSFORMER	MV32T	521520.73	4883692.56	2	0	0	69.6	69.6	1	1558.62	3.25	0	74.85	0	0.43	0	0	3.59	0	0	0	0	0	0	-9.29	-9.29
	INV TRANSFORMER	MV39T	520562	4884736.58	2	0	0	68.7	68.7	1	1469.08	3.25	0	74.34	0	0.4	0	0	3.43	0	0	0	0	0	0	-9.49	-9.49
	INV TRANSFORMER	MV30T	521350.76	4883672.56	2	0	0	69.6	69.6	1	1633.32	3.25	0	75.26	0	0.44	0	0	3.73	0	0	0	0	0	0	-9.86	-9.86
	INV TRANSFORMER	MV40T	520573.54	4884264.74	2	0	0	69.6	69.6	1	1665.74	3.25	0	75.43	0	0.45	0	0	3.78	0	0	0	0	0	0	-10.09	-10.09
	INV TRANSFORMER	MV26T	521131.06	4883732.56	2	0	0	69.6	69.6	1	1674.95	3.25	0	75.48	0	0.46	0	0	3.8	0	0	0	0	0	0	-10.16	-10.16
	INV TRANSFORMER	MV35T	521725.94	4883612.56	2	0	0	68.7	68.7	1	1592.74	3.25	0	75.04	0	0.43	0	0	3.65	0	0	0	0	0	0	-10.45	-10.45
	INV TRANSFORMER	MV37T	520345.16	4884856.58	2	0	0	68.7	68.7	1	1648.5	3.25	0	75.34	0	0.45	0	0	3.75	0	0	0	0	0	0	-10.87	-10.87
	INV TRANSFORMER	MV38T	520380.43	4884652.58	2	0	0	68.7	68.7	1	1667.85	3.25	0	75.44	0	0.45	0	0	3.79	0	0	0	0	0	0	-11.01	-11.01
	INV TRANSFORMER	MV33T	521543.21	4883562.56	2	0	0	68.7	68.7	1	1678.03	3.25	0	75.5	0	0.46	0	0	3.81	0	0	0	0	0	0	-11.08	-11.08
	INV TRANSFORMER	MV31T	521374.97	4883532.56	2	0	0	68.7	68.7	1	1755.78	3.25	0	75.89	0	0.48	0	0	3.94	0	0	0	0	0	0	-11.63	-11.63
	INV TRANSFORMER	MV22T	520936.13	4883752.78	2	0	0	68.7	68.7	1	1763	3.25	0	75.93	0	0.48	0	0	3.96	0	0	0	0	0	0	-11.69	-11.69
	INV TRANSFORMER	MV27T	521153.54	4883602.56	2	0	0	68.7	68.7	1	1778.77	3.25	0	76	0	0.48	0	0	3.98	0	0	0	0	0	0	-11.79	-11.79
	INV TRANSFORMER	MV23T	520969.02	4883562.56	2	0	0	68.7	68.7	1	1903.71	3.25	0	76.59	0	0.52	0	0	4.2	0	0	0	0	0	0	-12.63	-12.63
	INV TRANSFORMER	MV20T	520751.23	4883714.56	2	0	0	68.7	68.7	1	1905.82	3.25	0	76.6	0	0.52	0	0	4.21	0	0	0	0	0	0	-12.65	-12.65
	INV TRANSFORMER	MV28T	521189.85	4883392.56	2	0	0	68.7	68.7	1	1953.65	3.25	0	76.82	0	0.53	0	0	4.29	0	0	0	0	0	0	-12.96	-12.96
mit. Value D/N:	0	0																									
Level D/N:	27.0534	27.0534																									

Receiver: Existing Noise Receptor
ID: R8
X: 522044
Y: 4884698
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	INVERTER	MV45	521201.3	4884593.26	2	0	0	100.3	100.3	1	849.19	3.25	0	69.58	0	-0.32	0	0	10.38	0	0	0	0	0	0	20.68	20.68
	INVERTER	MV44	521154.3	4884833.37	2	0	0	100.3	100.3	1	899.94	3.25	0	70.08	0	-0.3	0	0	10.56	0	0	0	0	0	0	19.96	19.96
	INVERTER	MV36	521687.36	4883832.75	2	0	0	100.3	100.3	1	935.87	3.25	0	70.42	0	-0.28	0	0	10.69	0	0	0	0	0	0	19.47	19.47
	INVERTER	MV42	521026.63	4884437.16	2	0	0	100.3	100.3	1	1050.28	3.25	0	71.43	0	-0.22	0	0	11.07	0	0	0	0	0	0	18.03	18.03
	INVERTER	MV41	520981.28	4884667.9	2	0	0	100.3	100.3	1	1063.15	3.25	0	71.53	0	-0.22	0	0	11.11	0	0	0	0	0	0	17.88	17.88
	INVERTER	MV35	521726.44	4883606.75	2	0	0	100.3	100.3	1	1136.52	3.25	0	72.11	0	-0.18	0	0	11.34	0	0	0	0	0	0	17.04	17.04
	INVERTER	MV33	521543.7	4883556.75	2	0	0	100.3	100.3	1	1246.09	3.25	0	72.91	0	-0.13	0	0	11.66	0	0	0	0	0	0	15.88	15.88
	INVERTER	MV31	521375.47	4883526.75	2	0	0	100.3	100.3	1	1348.61	3.25	0	73.6	0	-0.09	0	0	11.94	0	0	0	0	0	0	14.87	14.87
	INVERTER	MV27	521154.04	4883596.75	2	0	0	100.3	100.3	1	1415.9	3.25	0	74.02	0	-0.07	0	0	12.11	0	0	0	0	0	0	14.24	14.24
	INVERTER	MV22	520936.62	4883746.98	2	0	0	100.3	100.3	1	1459.7	3.25	0	74.29	0	-0.05	0	0	12.22	0	0	0	0	0	0	13.85	13.85
	INVERTER	MV39	520562.49	4884730.78	2	0	0	100.3	100.3	1	1481.87	3.25	0	74.42	0	-0.04	0	0	12.28	0	0	0	0	0	0	13.66	13.66
	INVERTER	MV28	521190.35	4883386.75	2	0	0	100.3	100.3	1	1564.64	3.25	0	74.89	0	-0.01	0	0	12.48	0	0	0	0	0	0	12.95	12.95

INVERTER	MV23	520969.51	4883556.75	2	0	0	100.3	100.3	1	1567.47	3.25	0	74.9	0	-0.01	0	0	12.49	0	0	0	0	0	0	12.93	12.93
INVERTER	MV32	521521.23	4883686.75	2	0	0	97.3	97.3	1	1138.38	3.25	0	72.13	0	-0.18	0	0	11.34	0	0	0	0	0	0	14.02	14.02
INVERTER	MV20	520751.73	4883708.75	2	0	0	100.3	100.3	1	1627.45	3.25	0	75.23	0	0.01	0	0	12.63	0	0	0	0	0	0	12.44	12.44
INVERTER	MV38	520380.93	4884646.78	2	0	0	100.3	100.3	1	1663.86	3.25	0	75.42	0	0.02	0	0	12.72	0	0	0	0	0	0	12.15	12.15
INVERTER	MV24	521002.3	4883366.75	2	0	0	100.3	100.3	1	1690.37	3.25	0	75.56	0	0.03	0	0	12.78	0	0	0	0	0	0	11.94	11.94
INVERTER	MV37	520345.66	4884850.78	2	0	0	100.3	100.3	1	1705.2	3.25	0	75.64	0	0.04	0	0	12.81	0	0	0	0	0	0	11.82	11.82
INVERTER	MV29	521223.2	4883196.75	2	0	0	100.3	100.3	1	1710.98	3.25	0	75.66	0	0.04	0	0	12.83	0	0	0	0	0	0	11.78	11.78
INVERTER	MV21	520786.65	4883506.75	2	0	0	100.3	100.3	1	1732.05	3.25	0	75.77	0	0.05	0	0	12.88	0	0	0	0	0	0	11.62	11.62
INVERTER	MV30	521351.26	4883666.75	2	0	0	97.3	97.3	1	1242.32	3.25	0	72.88	0	-0.14	0	0	11.65	0	0	0	0	0	0	12.92	12.92
INVERTER	MV25	521036.94	4883166.75	2	0	0	100.3	100.3	1	1832.73	3.25	0	76.26	0	0.08	0	0	13.1	0	0	0	0	0	0	10.87	10.87
INVERTER	MV26	521131.56	4883726.75	2	0	0	97.3	97.3	1	1332.62	3.25	0	73.49	0	-0.1	0	0	11.89	0	0	0	0	0	0	12.02	12.02
INVERTER	MV40	520573.85	4884258.92	2	0	0	86.1	86.1	1	1534.32	3.25	0	74.72	0	0.8	0	0	7.27	0	0	0	0	0	0	3.27	3.27
INV TRANSFORMER	MV45T	521200.69	4884599.06	2	0	0	68.7	68.7	1	849.1	3.25	0	69.58	0	0.24	0	0	2.21	0	0	0	0	0	0	-3.35	-3.35
INV TRANSFORMER	MV44T	521153.69	4884839.17	2	0	0	68.7	68.7	1	901.43	3.25	0	70.1	0	0.25	0	0	2.32	0	0	0	0	0	0	-3.99	-3.99
INV TRANSFORMER	MV36T	521686.86	4883838.56	2	0	0	68.7	68.7	1	930.69	3.25	0	70.38	0	0.26	0	0	2.38	0	0	0	0	0	0	-4.34	-4.34
INV TRANSFORMER	MV32T	521520.73	4883692.56	2	0	0	69.6	69.6	1	1133.46	3.25	0	72.09	0	0.31	0	0	2.79	0	0	0	0	0	0	-5.61	-5.61
INV TRANSFORMER	MV42T	521027.26	4884431.37	2	0	0	68.7	68.7	1	1051.12	3.25	0	71.43	0	0.29	0	0	2.62	0	0	0	0	0	0	-5.67	-5.67
INV TRANSFORMER	MV41T	520981.91	4884662.11	2	0	0	68.7	68.7	1	1062.7	3.25	0	71.53	0	0.3	0	0	2.65	0	0	0	0	0	0	-5.79	-5.79
INV TRANSFORMER	MV30T	521350.76	4883672.56	2	0	0	69.6	69.6	1	1237.79	3.25	0	72.85	0	0.34	0	0	2.99	0	0	0	0	0	0	-6.61	-6.61
INV TRANSFORMER	MV35T	521725.94	4883612.56	2	0	0	68.7	68.7	1	1131.08	3.25	0	72.07	0	0.31	0	0	2.78	0	0	0	0	0	0	-6.49	-6.49
INV TRANSFORMER	MV26T	521131.06	4883732.56	2	0	0	69.6	69.6	1	1328.74	3.25	0	73.47	0	0.36	0	0	3.16	0	0	0	0	0	0	-7.42	-7.42
INV TRANSFORMER	MV33T	521543.21	4883562.56	2	0	0	68.7	68.7	1	1240.98	3.25	0	72.88	0	0.34	0	0	3	0	0	0	0	0	0	-7.54	-7.54
INV TRANSFORMER	MV31T	521374.97	4883532.56	2	0	0	68.7	68.7	1	1343.82	3.25	0	73.57	0	0.37	0	0	3.19	0	0	0	0	0	0	-8.45	-8.45
INV TRANSFORMER	MV40T	520573.54	4884264.74	2	0	0	69.6	69.6	1	1532.96	3.25	0	74.71	0	0.42	0	0	3.54	0	0	0	0	0	0	-9.1	-9.1
INV TRANSFORMER	MV27T	521153.54	4883602.56	2	0	0	68.7	68.7	1	1411.71	3.25	0	73.99	0	0.39	0	0	3.32	0	0	0	0	0	0	-9.02	-9.02
INV TRANSFORMER	MV22T	520936.13	4883752.78	2	0	0	68.7	68.7	1	1456.31	3.25	0	74.27	0	0.4	0	0	3.4	0	0	0	0	0	0	-9.39	-9.39
INV TRANSFORMER	MV39T	520562	4884736.58	2	0	0	68.7	68.7	1	1482.51	3.25	0	74.42	0	0.4	0	0	3.45	0	0	0	0	0	0	-9.6	-9.6
INV TRANSFORMER	MV28T	521189.85	4883392.56	2	0	0	68.7	68.7	1	1560.05	3.25	0	74.86	0	0.43	0	0	3.59	0	0	0	0	0	0	-10.21	-10.21
INV TRANSFORMER	MV23T	520969.02	4883562.56	2	0	0	68.7	68.7	1	1563.59	3.25	0	74.88	0	0.43	0	0	3.6	0	0	0	0	0	0	-10.23	-10.23
INV TRANSFORMER	MV20T	520751.23	4883714.56	2	0	0	68.7	68.7	1	1624.32	3.25	0	75.21	0	0.44	0	0	3.71	0	0	0	0	0	0	-10.69	-10.69
INV TRANSFORMER	MV38T	520380.43	4884652.58	2	0	0	68.7	68.7	1	1664.19	3.25	0	75.42	0	0.45	0	0	3.78	0	0	0	0	0	0	-10.98	-10.98
INV TRANSFORMER	MV24T	521001.8	4883372.56	2	0	0	68.7	68.7	1	1686.11	3.25	0	75.54	0	0.46	0	0	3.82	0	0	0	0	0	0	-11.14	-11.14
INV TRANSFORMER	MV29T	521222.7	4883202.56	2	0	0	68.7	68.7	1	1706.13	3.25	0	75.64	0	0.46	0	0	3.86	0	0	0	0	0	0	-11.28	-11.28
INV TRANSFORMER	MV37T	520345.16	4884856.58	2	0	0	68.7	68.7	1	1706.23	3.25	0	75.64	0	0.46	0	0	3.86	0	0	0	0	0	0	-11.29	-11.29
INV TRANSFORMER	MV21T	520786.16	4883512.56	2	0	0	68.7	68.7	1	1728.42	3.25	0	75.75	0	0.47	0	0	3.9	0	0	0	0	0	0	-11.44	-11.44
INV TRANSFORMER	MV25T	521036.45	4883172.56	2	0	0	68.7	68.7	1	1828.15	3.25	0	76.24	0	0.5	0	0	4.07	0	0	0	0	0	0	-12.13	-12.13

mit. Value D/N: 0 0

Level D/N: 29.2254 29.2254

Receiver: Existing Noise Receptor

ID: R9

X: 521972

Y: 4884286

Z: 4.5

Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	INVERTER	MV36	521687.36	4883832.75	2	0	0	100.3	100.3	1	535.22	3.25	0	65.57	0	-0.53	0	0	8.79	0	0	0	0	0	0	26.48	26.48
	INVERTER	MV35	521726.44	4883606.75	2	0	0	100.3	100.3	1	722.28	3.25	0	68.17	0	-0.4	0	0	9.84	0	0	0	0	0	0	22.69	22.69
	INVERTER	MV45	521201.3	4884593.26	2	0	0	100.3	100.3	1	829.7	3.25	0	69.38	0	-0.33	0	0	10.3	0	0	0	0	0	0	20.97	20.97
	INVERTER	MV33	521543.7	4883556.75	2	0	0	100.3	100.3	1	845.72	3.25	0	69.54	0	-0.33	0	0	10.36	0	0	0	0	0	0	20.73	20.73
	INVERTER	MV42	521026.63	4884437.16	2	0	0	100.3	100.3	1	957.38	3.25	0	70.62	0	-0.27	0	0	10.77	0	0	0	0	0	0	19.19	19.19
	INVERTER	MV31	521375.47	4883526.75	2	0	0	100.3	100.3	1	965.56	3.25	0	70.7	0	-0.26	0	0	10.8	0	0	0	0	0	0	19.08	19.08
	INVERTER	MV44	521154.3	4884833.37	2	0	0	100.3	100.3	1	984	3.25	0	70.86	0	-0.25	0	0	10.86	0	0	0	0	0	0	18.85	18.85
	INVERTER	MV32	521521.23	4883686.75	2	0	0	97.3	97.3	1	749.87	3.25	0	68.5	0	-0.38	0	0	9.97	0	0	0	0	0	0	19.23	19.23
	INVERTER	MV41	520981.28	4884667.9	2	0	0	100.3	100.3	1	1061.78	3.25	0	71.52	0	-0.22	0	0	11.11	0	0	0	0	0	0	17.9	17.9
	INVERTER	MV27	521154.04	4883596.75	2	0	0	100.3	100.3	1	1069.64	3.25	0	71.58	0	-0.21	0	0	11.13	0	0	0	0	0	0	17.81	17.81
	INVERTER	MV22	520936.62	4883746.98	2	0	0	100.3	100.3	1	1167.29	3.25	0	72.34	0	-0.17	0	0	11.43	0	0	0	0	0	0	16.71	16.71
	INVERTER	MV28	521190.35	4883386.75	2	0	0	100.3	100.3	1	1191.48	3.25	0	72.52	0	-0.16	0	0	11.5	0	0	0	0	0	0	16.45	16.45
	INVERTER	MV30	521351.26	4883666.75	2	0	0	97.3	97.3	1	876.81	3.25	0	69.86	0	-0.31	0	0	10.48	0	0	0	0	0	0	17.28	17.28
	INVERTER	MV23	520969.51	4883556.75	2	0	0	100.3	100.3	1	1239.67	3.25	0	72.87	0	-0.14	0	0	11.64	0	0	0	0	0	0	15.94	15.94
	INVERTER	MV29	521223.2	4883196.75	2	0	0	100.3	100.3	1	1321.81	3.25	0	73.42	0	-0.1	0	0	11.86	0	0	0	0	0	0	15.13	15.13
	INVERTER	MV24	521002.3	4883366.75	2	0	0	100.3	100.3	1	1336.16	3.25	0	73.52	0	-0.1	0	0	11.9	0	0	0	0	0	0	14.99	14.99
	INVERTER	MV20	520751.73	4883708.75	2	0	0	100.3	100.3	1	1349.92	3.25	0	73.61	0	-0.09	0	0	11.94	0	0	0	0	0	0	14.86	14.86
	INVERTER	MV21	520786.65	4883506.75	2	0	0	100.3	100.3	1	1418.55	3.25	0	74.04	0	-0.06	0	0	12.12	0	0	0	0	0	0	14.22	14.22
	INVERTER	MV26	521131.56	4883726.75	2	0	0	97.3	97.3	1	1009.51	3.25	0	71.08	0	-0.24	0	0	10.94	0	0	0	0	0	0	15.53	15.53
	INVERTER	MV25	521036.94	4883166.75	2	0	0	100.3	100.3	1	1458.44	3.25	0	74.28	0	-0.05	0	0	12.22	0	0	0	0	0	0	13.86	13.86
	INVERTER	MV39	520562.49	4884730.78	2	0	0	100.3	100.3	1	1478.02	3.25	0	74.39	0	-0.04	0	0	12.27	0	0	0	0	0	0	13.69	13.69
	INVERTER	MV38	520380.93	4884646.78	2	0	0	100.3	100.3	1	1631.46	3.25	0	75.25	0	0.01	0	0	12.64	0	0	0	0	0	0	12.4	12.4
	INVERTER	MV37	520345.66	4884850.78	2	0	0	100.3	100.3	1	1721.62	3.25	0	75.72	0	0.04	0	0	12.85	0	0	0	0	0	0	11.7	11.7
	INVERTER	MV40	520573.85	4884258.92	2	0	0	86.1	86.1	1	1398.41	3.25	0	73.91	0	0.77	0	0	7.03	0	0	0	0	0	0	4.34	4.34
	INV TRANSFORMER	MV36T	521686.86	4883838.56	2	0	0	68.7	68.7	1	530.58	3.25	0	65.49	0	0.19	0	0	1.5	0	0	0	0	0	0	1.49	1.49

INV TRANSFORMER	MV32T	521520.73	4883692.56	2	0	0	69.6	69.6	1	745.54	3.25	0	68.45	0	0.22	0	0	1.99	0	0	0	0	0	0	-1.08	-1.08
INV TRANSFORMER	MV35T	521725.94	4883612.56	2	0	0	68.7	68.7	1	716.99	3.25	0	68.11	0	0.21	0	0	1.92	0	0	0	0	0	0	-1.57	-1.57
INV TRANSFORMER	MV30T	521350.76	4883672.56	2	0	0	69.6	69.6	1	873.07	3.25	0	69.82	0	0.25	0	0	2.26	0	0	0	0	0	0	-2.75	-2.75
INV TRANSFORMER	MV45T	521200.69	4884599.06	2	0	0	68.7	68.7	1	832.43	3.25	0	69.41	0	0.24	0	0	2.17	0	0	0	0	0	0	-3.14	-3.14
INV TRANSFORMER	MV33T	521543.21	4883562.56	2	0	0	68.7	68.7	1	840.97	3.25	0	69.5	0	0.24	0	0	2.19	0	0	0	0	0	0	-3.25	-3.25
INV TRANSFORMER	MV26T	521131.06	4883732.56	2	0	0	69.6	69.6	1	1006.72	3.25	0	71.06	0	0.28	0	0	2.53	0	0	0	0	0	0	-4.3	-4.3
INV TRANSFORMER	MV42T	521027.26	4884431.37	2	0	0	68.7	68.7	1	955.86	3.25	0	70.61	0	0.27	0	0	2.43	0	0	0	0	0	0	-4.63	-4.63
INV TRANSFORMER	MV31T	521374.97	4883532.56	2	0	0	68.7	68.7	1	961.31	3.25	0	70.66	0	0.27	0	0	2.44	0	0	0	0	0	0	-4.69	-4.69
INV TRANSFORMER	MV44T	521153.69	4884839.17	2	0	0	68.7	68.7	1	987.74	3.25	0	70.89	0	0.28	0	0	2.49	0	0	0	0	0	0	-4.99	-4.99
INV TRANSFORMER	MV41T	520981.91	4884662.11	2	0	0	68.7	68.7	1	1059.13	3.25	0	71.5	0	0.29	0	0	2.64	0	0	0	0	0	0	-5.76	-5.76
INV TRANSFORMER	MV27T	521153.54	4883602.56	2	0	0	68.7	68.7	1	1066.29	3.25	0	71.56	0	0.3	0	0	2.65	0	0	0	0	0	0	-5.83	-5.83
INV TRANSFORMER	MV22T	520936.13	4883752.78	2	0	0	68.7	68.7	1	1165.06	3.25	0	72.33	0	0.32	0	0	2.85	0	0	0	0	0	0	-6.82	-6.82
INV TRANSFORMER	MV28T	521189.85	4883392.56	2	0	0	68.7	68.7	1	1187.44	3.25	0	72.49	0	0.33	0	0	2.89	0	0	0	0	0	0	-7.04	-7.04
INV TRANSFORMER	MV23T	520969.02	4883562.56	2	0	0	68.7	68.7	1	1236.67	3.25	0	72.85	0	0.34	0	0	2.99	0	0	0	0	0	0	-7.5	-7.5
INV TRANSFORMER	MV40T	520573.54	4884264.74	2	0	0	69.6	69.6	1	1398.62	3.25	0	73.91	0	0.38	0	0	3.3	0	0	0	0	0	0	-8.02	-8.02
INV TRANSFORMER	MV29T	521222.7	4883202.56	2	0	0	68.7	68.7	1	1317.31	3.25	0	73.39	0	0.36	0	0	3.14	0	0	0	0	0	0	-8.22	-8.22
INV TRANSFORMER	MV24T	521001.8	4883372.56	2	0	0	68.7	68.7	1	1332.54	3.25	0	73.49	0	0.37	0	0	3.17	0	0	0	0	0	0	-8.35	-8.35
INV TRANSFORMER	MV20T	520751.23	4883714.56	2	0	0	68.7	68.7	1	1347.9	3.25	0	73.59	0	0.37	0	0	3.2	0	0	0	0	0	0	-8.49	-8.49
INV TRANSFORMER	MV21T	520786.16	4883512.56	2	0	0	68.7	68.7	1	1415.78	3.25	0	74.02	0	0.39	0	0	3.33	0	0	0	0	0	0	-9.06	-9.06
INV TRANSFORMER	MV25T	521036.45	4883172.56	2	0	0	68.7	68.7	1	1454.31	3.25	0	74.25	0	0.4	0	0	3.4	0	0	0	0	0	0	-9.37	-9.37
INV TRANSFORMER	MV39T	520562	4884736.58	2	0	0	68.7	68.7	1	1480.25	3.25	0	74.41	0	0.4	0	0	3.45	0	0	0	0	0	0	-9.58	-9.58
INV TRANSFORMER	MV38T	520380.43	4884652.58	2	0	0	68.7	68.7	1	1633.24	3.25	0	75.26	0	0.44	0	0	3.73	0	0	0	0	0	0	-10.76	-10.76
INV TRANSFORMER	MV37T	520345.16	4884856.58	2	0	0	68.7	68.7	1	1724	3.25	0	75.73	0	0.47	0	0	3.89	0	0	0	0	0	0	-11.41	-11.41

mit. Value D/N: 0 0

Level D/N: 32.4342 32.4342

Receiver: Existing Noise Receptor

ID: R10

X: 522376

Y: 4884344

Z: 4.5

Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	INVERTER	MV36	521687.36	4883832.75	2	0	0	100.3	100.3	1	857.67	3.25	0	69.67	0	-0.32	0	0	10.41	0	0	0	0	0	0	20.56	20.56
	INVERTER	MV35	521726.44	4883606.75	2	0	0	100.3	100.3	1	982.58	3.25	0	70.85	0	-0.25	0	0	10.85	0	0	0	0	0	0	18.87	18.87
	INVERTER	MV33	521543.7	4883556.75	2	0	0	100.3	100.3	1	1145.63	3.25	0	72.18	0	-0.18	0	0	11.37	0	0	0	0	0	0	16.94	16.94
	INVERTER	MV45	521201.3	4884593.26	2	0	0	100.3	100.3	1	1200.86	3.25	0	72.59	0	-0.15	0	0	11.53	0	0	0	0	0	0	16.35	16.35
	INVERTER	MV31	521375.47	4883526.75	2	0	0	100.3	100.3	1	1291.88	3.25	0	73.22	0	-0.12	0	0	11.78	0	0	0	0	0	0	15.42	15.42
	INVERTER	MV44	521154.3	4884833.37	2	0	0	100.3	100.3	1	1316.07	3.25	0	73.39	0	-0.11	0	0	11.85	0	0	0	0	0	0	15.18	15.18
	INVERTER	MV42	521026.63	4884437.16	2	0	0	100.3	100.3	1	1352.58	3.25	0	73.62	0	-0.09	0	0	11.95	0	0	0	0	0	0	14.83	14.83
	INVERTER	MV41	520981.28	4884667.9	2	0	0	100.3	100.3	1	1431.84	3.25	0	74.12	0	-0.06	0	0	12.15	0	0	0	0	0	0	14.1	14.1
	INVERTER	MV27	521154.04	4883596.75	2	0	0	100.3	100.3	1	1432.33	3.25	0	74.12	0	-0.06	0	0	12.15	0	0	0	0	0	0	14.1	14.1
	INVERTER	MV32	521521.23	4883686.75	2	0	0	97.3	97.3	1	1078.25	3.25	0	71.65	0	-0.21	0	0	11.16	0	0	0	0	0	0	14.7	14.7
	INVERTER	MV28	521190.35	4883386.75	2	0	0	100.3	100.3	1	1523.84	3.25	0	74.66	0	-0.02	0	0	12.38	0	0	0	0	0	0	13.29	13.29
	INVERTER	MV22	520936.62	4883746.98	2	0	0	100.3	100.3	1	1558.28	3.25	0	74.85	0	-0.01	0	0	12.47	0	0	0	0	0	0	13	13
	INVERTER	MV23	520969.51	4883556.75	2	0	0	100.3	100.3	1	1611.82	3.25	0	75.15	0	0.01	0	0	12.6	0	0	0	0	0	0	12.56	12.56
	INVERTER	MV29	521223.2	4883196.75	2	0	0	100.3	100.3	1	1626.39	3.25	0	75.22	0	0.01	0	0	12.63	0	0	0	0	0	0	12.45	12.45
	INVERTER	MV24	521002.3	4883366.75	2	0	0	100.3	100.3	1	1685.84	3.25	0	75.54	0	0.03	0	0	12.77	0	0	0	0	0	0	11.97	11.97
	INVERTER	MV30	521351.26	4883666.75	2	0	0	97.3	97.3	1	1228.32	3.25	0	72.79	0	-0.14	0	0	11.61	0	0	0	0	0	0	13.06	13.06
	INVERTER	MV20	520751.73	4883708.75	2	0	0	100.3	100.3	1	1744.08	3.25	0	75.83	0	0.05	0	0	12.9	0	0	0	0	0	0	11.53	11.53
	INVERTER	MV25	521036.94	4883166.75	2	0	0	100.3	100.3	1	1782.97	3.25	0	76.02	0	0.06	0	0	12.99	0	0	0	0	0	0	11.23	11.23
	INVERTER	MV21	520786.65	4883506.75	2	0	0	100.3	100.3	1	1796.39	3.25	0	76.09	0	0.07	0	0	13.02	0	0	0	0	0	0	11.14	11.14
	INVERTER	MV39	520562.49	4884730.78	2	0	0	100.3	100.3	1	1854.3	3.25	0	76.36	0	0.09	0	0	13.15	0	0	0	0	0	0	10.71	10.71
	INVERTER	MV26	521131.56	4883726.75	2	0	0	97.3	97.3	1	1389.11	3.25	0	73.85	0	-0.08	0	0	12.04	0	0	0	0	0	0	11.49	11.49
	INVERTER	MV40	520573.85	4884258.92	2	0	0	86.1	86.1	1	1804.16	3.25	0	76.13	0	0.86	0	0	7.72	0	0	0	0	0	0	1.35	1.35
	INV TRANSFORMER	MV36T	521686.86	4883838.56	2	0	0	68.7	68.7	1	854.63	3.25	0	69.64	0	0.24	0	0	2.22	0	0	0	0	0	0	-3.42	-3.42
	INV TRANSFORMER	MV32T	521520.73	4883692.56	2	0	0	69.6	69.6	1	1075.11	3.25	0	71.63	0	0.3	0	0	2.67	0	0	0	0	0	0	-5.02	-5.02
	INV TRANSFORMER	MV35T	521725.94	4883612.56	2	0	0	68.7	68.7	1	978.57	3.25	0	70.81	0	0.27	0	0	2.48	0	0	0	0	0	0	-4.89	-4.89
	INV TRANSFORMER	MV30T	521350.76	4883672.56	2	0	0	69.6	69.6	1	1225.54	3.25	0	72.77	0	0.34	0	0	2.97	0	0	0	0	0	0	-6.49	-6.49
	INV TRANSFORMER	MV33T	521543.21	4883562.56	2	0	0	68.7	68.7	1	1142.02	3.25	0	72.15	0	0.32	0	0	2.8	0	0	0	0	0	0	-6.6	-6.6
	INV TRANSFORMER	MV45T	521200.69	4884599.06	2	0	0	68.7	68.7	1	1202.67	3.25	0	72.6	0	0.33	0	0	2.92	0	0	0	0	0	0	-7.18	-7.18
	INV TRANSFORMER	MV26T	521131.06	4883732.56	2	0	0	69.6	69.6	1	1386.99	3.25	0	73.84	0	0.38	0	0	3.27	0	0	0	0	0	0	-7.92	-7.92
	INV TRANSFORMER	MV31T	521374.97	4883532.56	2	0	0	68.7	68.7	1	1288.61	3.25	0	73.2	0	0.35	0	0	3.09	0	0	0	0	0	0	-7.97	-7.97
	INV TRANSFORMER	MV44T	521153.69	4884839.17	2	0	0	68.7	68.7	1	1318.8	3.25	0	73.4	0	0.36	0	0	3.15	0	0	0	0	0	0	-8.23	-8.23
	INV TRANSFORMER	MV42T	521027.26	4884431.37	2	0	0	68.7	68.7	1	1351.57	3.25	0	73.62	0	0.37	0	0	3.21	0	0	0	0	0	0	-8.52	-8.52
	INV TRANSFORMER	MV27T	521153.54	4883602.56	2	0	0	68.7	68.7	1	1429.74	3.25	0	74.11	0	0.39	0	0	3.35	0	0	0	0	0	0	-9.17	-9.17
	INV TRANSFORMER	MV41T	520981.91	4884662.11	2	0	0	68.7	68.7	1	1429.93	3.25	0	74.11	0	0.39	0	0	3.35	0	0	0	0	0	0	-9.18	-9.18
	INV TRANSFORMER	MV28T	521189.85	4883392.56	2	0	0	68.7	68.7	1	1520.59	3.25	0	74.64	0	0.41	0	0	3.52	0	0	0	0	0	0	-9.9	-9.9
	INV TRANSFORMER	MV22T	520936.13	4883752.78	2	0	0	68.7	68.7	1	1556.53	3.25	0	74.84	0	0.42	0	0	3.59	0	0	0	0	0	0	-10.18	-10.18
	INV TRANSFORMER	MV23T	520969.02	4883562.56	2	0	0	68.7	68.7	1	1609.43	3.25	0	75.13	0	0.44	0	0	3.68	0	0	0	0	0	0	-10.58	-10.58
	INV TRANSFORMER	MV29T	521222.7	4883202.56	2	0	0	68.7	68.7	1	1622.65	3.25	0	75.2	0	0.44	0	0	3.71	0	0	0	0	0	0	-10.68	-10.68

INV TRANSFORMER	MV40T	520573.54	4884264.74	2	0	0	69.6	69.6	1	1804.2	3.25	0	76.13	0	0.49	0	0	4.03	0	0	0	0	0	0	-11.07	-11.07
INV TRANSFORMER	MV24T	521001.8	4883372.56	2	0	0	68.7	68.7	1	1682.89	3.25	0	75.52	0	0.46	0	0	3.81	0	0	0	0	0	0	-11.12	-11.12
INV TRANSFORMER	MV20T	520751.23	4883714.56	2	0	0	68.7	68.7	1	1742.43	3.25	0	75.82	0	0.47	0	0	3.92	0	0	0	0	0	0	-11.54	-11.54
INV TRANSFORMER	MV25T	521036.45	4883172.56	2	0	0	68.7	68.7	1	1779.52	3.25	0	76.01	0	0.48	0	0	3.99	0	0	0	0	0	0	-11.8	-11.8
INV TRANSFORMER	MV21T	520786.16	4883512.56	2	0	0	68.7	68.7	1	1794.13	3.25	0	76.08	0	0.49	0	0	4.01	0	0	0	0	0	0	-11.9	-11.9
INV TRANSFORMER	MV39T	520562	4884736.58	2	0	0	68.7	68.7	1	1856	3.25	0	76.37	0	0.5	0	0	4.12	0	0	0	0	0	0	-12.32	-12.32
mit. Value D/N:	0	0																								
Level D/N:	28.1056	28.1056																								

Receiver: Existing Noise Receptor
ID: R11
X: 522594
Y: 4884570
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	INVERTER	MV36	521687.36	4883832.75	2	0	0	100.3	100.3	1	1168.56	3.25	0	72.35	0	-0.17	0	0	11.43	0	0	0	0	0	0	16.69	16.69
	INVERTER	MV35	521726.44	4883606.75	2	0	0	100.3	100.3	1	1296.35	3.25	0	73.25	0	-0.11	0	0	11.8	0	0	0	0	0	0	15.38	15.38
	INVERTER	MV45	521201.3	4884593.26	2	0	0	100.3	100.3	1	1392.9	3.25	0	73.88	0	-0.07	0	0	12.05	0	0	0	0	0	0	14.46	14.46
	INVERTER	MV33	521543.7	4883556.75	2	0	0	100.3	100.3	1	1459.38	3.25	0	74.28	0	-0.05	0	0	12.22	0	0	0	0	0	0	13.85	13.85
	INVERTER	MV44	521154.3	4884833.37	2	0	0	100.3	100.3	1	1463.59	3.25	0	74.31	0	-0.05	0	0	12.23	0	0	0	0	0	0	13.82	13.82
	INVERTER	MV42	521026.63	4884437.16	2	0	0	100.3	100.3	1	1572.99	3.25	0	74.93	0	-0.01	0	0	12.5	0	0	0	0	0	0	12.88	12.88
	INVERTER	MV31	521375.47	4883526.75	2	0	0	100.3	100.3	1	1604.12	3.25	0	75.1	0	0	0	0	12.58	0	0	0	0	0	0	12.63	12.63
	INVERTER	MV41	520981.28	4884667.9	2	0	0	100.3	100.3	1	1615.69	3.25	0	75.17	0	0.01	0	0	12.61	0	0	0	0	0	0	12.53	12.53
	INVERTER	MV27	521154.04	4883596.75	2	0	0	100.3	100.3	1	1738.02	3.25	0	75.8	0	0.05	0	0	12.89	0	0	0	0	0	0	11.57	11.57
	INVERTER	MV28	521190.35	4883386.75	2	0	0	100.3	100.3	1	1835.84	3.25	0	76.28	0	0.08	0	0	13.11	0	0	0	0	0	0	10.85	10.85
	INVERTER	MV22	520936.62	4883746.98	2	0	0	100.3	100.3	1	1850.48	3.25	0	76.35	0	0.08	0	0	13.14	0	0	0	0	0	0	10.74	10.74
	INVERTER	MV23	520969.51	4883556.75	2	0	0	100.3	100.3	1	1914.58	3.25	0	76.64	0	0.1	0	0	13.28	0	0	0	0	0	0	10.29	10.29
	INVERTER	MV29	521223.2	4883196.75	2	0	0	100.3	100.3	1	1940.34	3.25	0	76.76	0	0.11	0	0	13.34	0	0	0	0	0	0	10.11	10.11
	INVERTER	MV32	521521.23	4883686.75	2	0	0	97.3	97.3	1	1389.59	3.25	0	73.86	0	-0.08	0	0	12.04	0	0	0	0	0	0	11.49	11.49
	INVERTER	MV24	521002.3	4883366.75	2	0	0	100.3	100.3	1	1995.32	3.25	0	77	0	0.13	0	0	13.45	0	0	0	0	0	0	9.73	9.73
	INVERTER	MV30	521351.26	4883666.75	2	0	0	97.3	97.3	1	1536.31	3.25	0	74.73	0	-0.02	0	0	12.41	0	0	0	0	0	0	10.19	10.19
	INVERTER	MV26	521131.56	4883726.75	2	0	0	97.3	97.3	1	1688.14	3.25	0	75.55	0	0.03	0	0	12.78	0	0	0	0	0	0	8.96	8.96
	INV TRANSFORMER	MV36T	521686.86	4883838.56	2	0	0	68.7	68.7	1	1165.29	3.25	0	72.33	0	0.32	0	0	2.85	0	0	0	0	0	0	-6.82	-6.82
	INV TRANSFORMER	MV32T	521520.73	4883692.56	2	0	0	69.6	69.6	1	1386.3	3.25	0	73.84	0	0.38	0	0	3.27	0	0	0	0	0	0	-7.91	-7.91
	INV TRANSFORMER	MV35T	521725.94	4883612.56	2	0	0	68.7	68.7	1	1292.37	3.25	0	73.23	0	0.35	0	0	3.1	0	0	0	0	0	0	-8	-8
	INV TRANSFORMER	MV30T	521350.76	4883672.56	2	0	0	69.6	69.6	1	1533.31	3.25	0	74.71	0	0.42	0	0	3.54	0	0	0	0	0	0	-9.1	-9.1
	INV TRANSFORMER	MV45T	521200.69	4884599.06	2	0	0	68.7	68.7	1	1393.62	3.25	0	73.88	0	0.38	0	0	3.29	0	0	0	0	0	0	-8.87	-8.87
	INV TRANSFORMER	MV33T	521543.21	4883562.56	2	0	0	68.7	68.7	1	1455.72	3.25	0	74.26	0	0.4	0	0	3.4	0	0	0	0	0	0	-9.39	-9.39
	INV TRANSFORMER	MV44T	521153.69	4884839.17	2	0	0	68.7	68.7	1	1465.25	3.25	0	74.32	0	0.4	0	0	3.42	0	0	0	0	0	0	-9.46	-9.46
	INV TRANSFORMER	MV26T	521131.06	4883732.56	2	0	0	69.6	69.6	1	1685.68	3.25	0	75.54	0	0.46	0	0	3.82	0	0	0	0	0	0	-10.24	-10.24
	INV TRANSFORMER	MV42T	521027.26	4884431.37	2	0	0	68.7	68.7	1	1572.86	3.25	0	74.93	0	0.43	0	0	3.62	0	0	0	0	0	0	-10.3	-10.3
	INV TRANSFORMER	MV31T	521374.97	4883532.56	2	0	0	68.7	68.7	1	1600.73	3.25	0	75.09	0	0.44	0	0	3.67	0	0	0	0	0	0	-10.51	-10.51
	INV TRANSFORMER	MV41T	520981.91	4884662.11	2	0	0	68.7	68.7	1	1614.72	3.25	0	75.16	0	0.44	0	0	3.69	0	0	0	0	0	0	-10.62	-10.62
	INV TRANSFORMER	MV27T	521153.54	4883602.56	2	0	0	68.7	68.7	1	1735.19	3.25	0	75.79	0	0.47	0	0	3.91	0	0	0	0	0	0	-11.49	-11.49
	INV TRANSFORMER	MV28T	521189.85	4883392.56	2	0	0	68.7	68.7	1	1832.49	3.25	0	76.26	0	0.5	0	0	4.08	0	0	0	0	0	0	-12.16	-12.16
	INV TRANSFORMER	MV22T	520936.13	4883752.78	2	0	0	68.7	68.7	1	1848.35	3.25	0	76.34	0	0.5	0	0	4.11	0	0	0	0	0	0	-12.27	-12.27
	INV TRANSFORMER	MV23T	520969.02	4883562.56	2	0	0	68.7	68.7	1	1911.94	3.25	0	76.63	0	0.52	0	0	4.22	0	0	0	0	0	0	-12.69	-12.69
	INV TRANSFORMER	MV29T	521222.7	4883202.56	2	0	0	68.7	68.7	1	1936.59	3.25	0	76.74	0	0.53	0	0	4.26	0	0	0	0	0	0	-12.85	-12.85
	INV TRANSFORMER	MV24T	521001.8	4883372.56	2	0	0	68.7	68.7	1	1992.22	3.25	0	76.99	0	0.54	0	0	4.35	0	0	0	0	0	0	-13.21	-13.21
mit. Value D/N:	0	0																								
Level D/N:	24.9953	24.9953																								

Receiver: Existing Noise Receptor
ID: R12
X: 521505
Y: 4882229
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	INVERTER	MV29	521223.2	4883196.75	2	0	0	100.3	100.3	1	1007.95	3.25	0	71.07	0	-0.24	0	0	10.94	0	0	0	0	0	0	18.55	18.55
	INVERTER	MV25	521036.94	4883166.75	2	0	0	100.3	100.3	1	1048.08	3.25	0	71.41	0	-0.22	0	0	11.07	0	0	0	0	0	0	18.06	18.06
	INVERTER	MV28	521190.35	4883386.75	2	0	0	100.3	100.3	1	1199.75	3.25	0	72.58	0	-0.15	0	0	11.52	0	0	0	0	0	0	16.36	16.36
	INVERTER	MV24	521002.3	4883366.75	2	0	0	100.3	100.3	1	1243.86	3.25	0	72.9	0	-0.14	0	0	11.65	0	0	0	0	0	0	15.9	15.9
	INVERTER	MV31	521375.47	4883526.75	2	0	0	100.3	100.3	1	1304.2	3.25	0	73.31	0	-0.11	0	0	11.82	0	0	0	0	0	0	15.3	15.3
	INVERTER	MV33	521543.7	4883556.75	2	0	0	100.3	100.3	1	1328.32	3.25	0	73.47	0	-0.1	0	0	11.88	0	0	0	0	0	0	15.06	15.06
	INVERTER	MV35	521726.44	4883606.75	2	0	0	100.3	100.3	1	1395.44	3.25	0	73.89	0	-0.07	0	0	12.06	0	0	0	0	0	0	14.43	14.43
	INVERTER	MV27	521154.04	4883596.75	2	0	0	100.3	100.3	1	1412.07	3.25	0	74	0	-0.07	0	0	12.1	0	0	0	0	0	0	14.28	14.28
	INVERTER	MV23	520969.51	4883556.75	2	0	0	100.3	100.3	1	1431.67	3.25	0	74.12	0	-0.06	0	0	12.15	0	0	0	0	0	0	14.1	14.1
	INVERTER	MV21	520786.65	4883506.75	2	0	0	100.3	100.3	1	1465.84	3.25	0	74.32	0	-0.05	0	0	12.24	0	0	0	0	0	0	13.8	13.8

INVERTER	MV36	521687.36	4883832.75	2	0	0	100.3	100.3	1	1614.09	3.25	0	75.16	0	0.01	0	0	12.6	0	0	0	0	0	0	12.54	12.54
INVERTER	MV22	520936.62	4883746.98	2	0	0	100.3	100.3	1	1620.9	3.25	0	75.2	0	0.01	0	0	12.62	0	0	0	0	0	0	12.49	12.49
INVERTER	MV20	520751.73	4883708.75	2	0	0	100.3	100.3	1	1660.45	3.25	0	75.4	0	0.02	0	0	12.71	0	0	0	0	0	0	12.17	12.17
INVERTER	MV18	519724.65	4882303.86	2	0	0	100.3	100.3	1	1781.92	3.25	0	76.02	0	0.06	0	0	12.99	0	0	0	0	0	0	11.24	11.24
INVERTER	MV17	519691.86	4882493.86	2	0	0	100.3	100.3	1	1832.38	3.25	0	76.26	0	0.08	0	0	13.1	0	0	0	0	0	0	10.87	10.87
INVERTER	MV16	519639.48	4882701.1	2	0	0	100.3	100.3	1	1924.33	3.25	0	76.69	0	0.11	0	0	13.3	0	0	0	0	0	0	10.22	10.22
INVERTER	MV15	519559	4882060.35	2	0	0	100.3	100.3	1	1953.3	3.25	0	76.82	0	0.12	0	0	13.36	0	0	0	0	0	0	10.02	10.02
INVERTER	MV14	519549.01	4882213.86	2	0	0	100.3	100.3	1	1956.05	3.25	0	76.83	0	0.12	0	0	13.37	0	0	0	0	0	0	10	10
INVERTER	MV30	521351.26	4883666.75	2	0	0	97.3	97.3	1	1445.95	3.25	0	74.2	0	-0.05	0	0	12.19	0	0	0	0	0	0	10.97	10.97
INVERTER	MV32	521521.23	4883686.75	2	0	0	97.3	97.3	1	1457.85	3.25	0	74.27	0	-0.05	0	0	12.22	0	0	0	0	0	0	10.87	10.87
INVERTER	MV26	521131.56	4883726.75	2	0	0	97.3	97.3	1	1543.61	3.25	0	74.77	0	-0.02	0	0	12.43	0	0	0	0	0	0	10.13	10.13
INVERTER	MV19	519745.15	4882089.95	2	0	0	89.1	89.1	1	1765.33	3.25	0	75.94	0	0.85	0	0	7.66	0	0	0	0	0	0	4.61	4.61
INVERTER	MV47	519833.32	4883254.23	2	0	0	89.1	89.1	1	1961.02	3.25	0	76.85	0	0.9	0	0	7.98	0	0	0	0	0	0	3.33	3.33
INV TRANSFORMER	MV29T	521222.7	4883202.56	2	0	0	68.7	68.7	1	1013.66	3.25	0	71.12	0	0.28	0	0	2.55	0	0	0	0	0	0	-5.27	-5.27
INV TRANSFORMER	MV25T	521036.45	4883172.56	2	0	0	68.7	68.7	1	1053.49	3.25	0	71.45	0	0.29	0	0	2.63	0	0	0	0	0	0	-5.7	-5.7
INV TRANSFORMER	MV28T	521189.85	4883392.56	2	0	0	68.7	68.7	1	1205.48	3.25	0	72.62	0	0.33	0	0	2.93	0	0	0	0	0	0	-7.21	-7.21
INV TRANSFORMER	MV24T	521001.8	4883372.56	2	0	0	68.7	68.7	1	1249.37	3.25	0	72.93	0	0.34	0	0	3.01	0	0	0	0	0	0	-7.61	-7.61
INV TRANSFORMER	MV30T	521350.76	4883672.56	2	0	0	69.6	69.6	1	1451.78	3.25	0	74.24	0	0.4	0	0	3.39	0	0	0	0	0	0	-8.45	-8.45
INV TRANSFORMER	MV31T	521374.97	4883532.56	2	0	0	68.7	68.7	1	1310.03	3.25	0	73.35	0	0.36	0	0	3.13	0	0	0	0	0	0	-8.16	-8.16
INV TRANSFORMER	MV32T	521520.73	4883692.56	2	0	0	69.6	69.6	1	1463.64	3.25	0	74.31	0	0.4	0	0	3.42	0	0	0	0	0	0	-8.55	-8.55
INV TRANSFORMER	MV33T	521543.21	4883562.56	2	0	0	68.7	68.7	1	1334.11	3.25	0	73.5	0	0.37	0	0	3.17	0	0	0	0	0	0	-8.37	-8.37
INV TRANSFORMER	MV26T	521131.06	4883732.56	2	0	0	69.6	69.6	1	1549.36	3.25	0	74.8	0	0.42	0	0	3.57	0	0	0	0	0	0	-9.22	-9.22
INV TRANSFORMER	MV35T	521725.94	4883612.56	2	0	0	68.7	68.7	1	1401.09	3.25	0	73.93	0	0.38	0	0	3.3	0	0	0	0	0	0	-8.94	-8.94
INV TRANSFORMER	MV27T	521153.54	4883602.56	2	0	0	68.7	68.7	1	1417.81	3.25	0	74.03	0	0.39	0	0	3.33	0	0	0	0	0	0	-9.08	-9.08
INV TRANSFORMER	MV23T	520969.02	4883562.56	2	0	0	68.7	68.7	1	1437.24	3.25	0	74.15	0	0.39	0	0	3.37	0	0	0	0	0	0	-9.23	-9.23
INV TRANSFORMER	MV21T	520786.16	4883512.56	2	0	0	68.7	68.7	1	1471.14	3.25	0	74.35	0	0.4	0	0	3.43	0	0	0	0	0	0	-9.51	-9.51
INV TRANSFORMER	MV36T	521686.86	4883838.56	2	0	0	68.7	68.7	1	1619.8	3.25	0	75.19	0	0.44	0	0	3.7	0	0	0	0	0	0	-10.66	-10.66
INV TRANSFORMER	MV22T	520936.13	4883752.78	2	0	0	68.7	68.7	1	1626.51	3.25	0	75.23	0	0.44	0	0	3.71	0	0	0	0	0	0	-10.71	-10.71
INV TRANSFORMER	MV20T	520751.23	4883714.56	2	0	0	68.7	68.7	1	1665.85	3.25	0	75.43	0	0.45	0	0	3.78	0	0	0	0	0	0	-10.99	-10.99
INV TRANSFORMER	MV19T	519745.65	4882084.15	2	0	0	68.7	68.7	1	1765.31	3.25	0	75.94	0	0.48	0	0	3.96	0	0	0	0	0	0	-11.7	-11.7
INV TRANSFORMER	MV18T	519724.16	4882309.67	2	0	0	68.7	68.7	1	1782.67	3.25	0	76.02	0	0.49	0	0	3.99	0	0	0	0	0	0	-11.82	-11.82
INV TRANSFORMER	MV17T	519691.37	4882499.67	2	0	0	68.7	68.7	1	1833.72	3.25	0	76.27	0	0.5	0	0	4.08	0	0	0	0	0	0	-12.17	-12.17
INV TRANSFORMER	MV16T	519639.98	4882695.3	2	0	0	68.7	68.7	1	1922.43	3.25	0	76.68	0	0.52	0	0	4.23	0	0	0	0	0	0	-12.76	-12.76
INV TRANSFORMER	MV15T	519559.49	4882054.55	2	0	0	68.7	68.7	1	1953.31	3.25	0	76.82	0	0.53	0	0	4.29	0	0	0	0	0	0	-12.96	-12.96
INV TRANSFORMER	MV14T	519548.51	4882219.67	2	0	0	68.7	68.7	1	1956.51	3.25	0	76.83	0	0.53	0	0	4.29	0	0	0	0	0	0	-12.98	-12.98
INV TRANSFORMER	MV47T	519833.6	4883248.41	2	0	0	68.7	68.7	1	1957.75	3.25	0	76.84	0	0.53	0	0	4.29	0	0	0	0	0	0	-12.99	-12.99

mit. Value D/N: 0 0

Level D/N: 27.3162 27.3162

Receiver: Existing Noise Receptor

ID: R13

X: 521149

Y: 4881624

Z: 4.5

Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	INVERTER	MV25	521036.94	4883166.75	2	0	0	100.3	100.3	1	1546.82	3.25	0	74.79	0	-0.02	0	0	12.44	0	0	0	0	0	0	13.1	13.1
	INVERTER	MV29	521223.2	4883196.75	2	0	0	100.3	100.3	1	1574.51	3.25	0	74.94	0	-0.01	0	0	12.51	0	0	0	0	0	0	12.87	12.87
	INVERTER	MV18	519724.65	4882303.86	2	0	0	100.3	100.3	1	1578.29	3.25	0	74.96	0	-0.01	0	0	12.52	0	0	0	0	0	0	12.84	12.84
	INVERTER	MV15	519559	4882060.35	2	0	0	100.3	100.3	1	1648.79	3.25	0	75.34	0	0.02	0	0	12.68	0	0	0	0	0	0	12.27	12.27
	INVERTER	MV17	519691.86	4882493.86	2	0	0	100.3	100.3	1	1697.03	3.25	0	75.59	0	0.04	0	0	12.8	0	0	0	0	0	0	11.89	11.89
	INVERTER	MV14	519549.01	4882213.86	2	0	0	100.3	100.3	1	1705.26	3.25	0	75.64	0	0.04	0	0	12.81	0	0	0	0	0	0	11.82	11.82
	INVERTER	MV24	521002.3	4883366.75	2	0	0	100.3	100.3	1	1748.92	3.25	0	75.86	0	0.05	0	0	12.91	0	0	0	0	0	0	11.49	11.49
	INVERTER	MV28	521190.35	4883386.75	2	0	0	100.3	100.3	1	1763.24	3.25	0	75.93	0	0.06	0	0	12.95	0	0	0	0	0	0	11.38	11.38
	INVERTER	MV10	519383.44	4882003.86	2	0	0	100.3	100.3	1	1805.96	3.25	0	76.13	0	0.07	0	0	13.04	0	0	0	0	0	0	11.06	11.06
	INVERTER	MV13	519509.24	4882443.86	2	0	0	100.3	100.3	1	1833.3	3.25	0	76.26	0	0.08	0	0	13.1	0	0	0	0	0	0	10.86	10.86
	INVERTER	MV16	519639.48	4882701.1	2	0	0	100.3	100.3	1	1854.4	3.25	0	76.36	0	0.09	0	0	13.15	0	0	0	0	0	0	10.71	10.71
	INVERTER	MV31	521375.47	4883526.75	2	0	0	100.3	100.3	1	1916.19	3.25	0	76.65	0	0.1	0	0	13.28	0	0	0	0	0	0	10.28	10.28
	INVERTER	MV21	520786.65	4883506.75	2	0	0	100.3	100.3	1	1917.31	3.25	0	76.65	0	0.11	0	0	13.29	0	0	0	0	0	0	10.27	10.27
	INVERTER	MV23	520969.51	4883556.75	2	0	0	100.3	100.3	1	1941.07	3.25	0	76.76	0	0.11	0	0	13.34	0	0	0	0	0	0	10.1	10.1
	INVERTER	MV33	521543.7	4883556.75	2	0	0	100.3	100.3	1	1972.65	3.25	0	76.9	0	0.12	0	0	13.4	0	0	0	0	0	0	9.89	9.89
	INVERTER	MV27	521154.04	4883596.75	2	0	0	100.3	100.3	1	1972.76	3.25	0	76.9	0	0.12	0	0	13.4	0	0	0	0	0	0	9.88	9.88
	INVERTER	MV12	519470.71	4882665.21	2	0	0	100.3	100.3	1	1975.03	3.25	0	76.91	0	0.12	0	0	13.41	0	0	0	0	0	0	9.87	9.87
	INVERTER	MV7	519193.98	4881993.86	2	0	0	100.3	100.3	1	1989.7	3.25	0	76.98	0	0.13	0	0	13.44	0	0	0	0	0	0	9.77	9.77
	INVERTER	MV19	519745.15	4882089.95	2	0	0	89.1	89.1	1	1479.16	3.25	0	74.4	0	0.79	0	0	7.17	0	0	0	0	0	0	6.7	6.7
	INV TRANSFORMER	MV19T	519745.65	4882084.15	2	0	0	68.7	68.7	1	1476.87	3.25	0	74.39	0	0.4	0	0	3.44	0	0	0	0	0	0	-9.56	-9.56
	INV TRANSFORMER	MV25T	521036.45	4883172.56	2	0	0	68.7	68.7	1	1552.64	3.25	0	74.82	0	0.42	0	0	3.58	0	0	0	0	0	0	-10.15	-10.15
	INV TRANSFORMER	MV29T	521222.7	4883202.56	2	0	0	68.7	68.7	1	1580.28	3.25	0	74.97	0	0.43	0	0	3.63	0	0	0	0	0	0	-10.36	-10.36
	INV TRANSFORMER	MV18T	519724.16	4882309.67	2	0	0	68.7	68.7	1	1581.24	3.25	0	74.98	0	0.43	0	0	3.63	0	0	0	0	0	0	-10.37	-10.37
	INV TRANSFORMER	MV15T	519559.49	4882054.55	2	0	0	68.7	68.7	1	1646.79	3.25	0	75.33	0	0.45	0	0	3.75	0	0	0	0	0	0	-10.86	-10.86
	INV TRANSFORMER	MV17T	519691.37	4882499.67	2	0	0	68.7	68.7	1	1700.44	3.25	0	75.61	0	0.46	0	0	3.85	0	0	0	0	0	0	-11.24	-11.24

INV TRANSFORMER	MV14T	519548.51	4882219.67	2	0	0	68.7	68.7	1	1707.75	3.25	0	75.65	0	0.46	0	0	3.86	0	0	0	0	0	0	-11.3	-11.3
INV TRANSFORMER	MV24T	521001.8	4883372.56	2	0	0	68.7	68.7	1	1754.74	3.25	0	75.88	0	0.48	0	0	3.94	0	0	0	0	0	0	-11.63	-11.63
INV TRANSFORMER	MV28T	521189.85	4883392.56	2	0	0	68.7	68.7	1	1769.03	3.25	0	75.95	0	0.48	0	0	3.97	0	0	0	0	0	0	-11.73	-11.73
INV TRANSFORMER	MV10T	519382.94	4882009.67	2	0	0	68.7	68.7	1	1807.68	3.25	0	76.14	0	0.49	0	0	4.04	0	0	0	0	0	0	-11.99	-11.99
INV TRANSFORMER	MV13T	519508.74	4882449.67	2	0	0	68.7	68.7	1	1836.35	3.25	0	76.28	0	0.5	0	0	4.09	0	0	0	0	0	0	-12.19	-12.19
INV TRANSFORMER	MV16T	519639.98	4882695.3	2	0	0	68.7	68.7	1	1850.63	3.25	0	76.35	0	0.5	0	0	4.11	0	0	0	0	0	0	-12.28	-12.28
INV TRANSFORMER	MV31T	521374.97	4883532.56	2	0	0	68.7	68.7	1	1921.89	3.25	0	76.67	0	0.52	0	0	4.23	0	0	0	0	0	0	-12.75	-12.75
INV TRANSFORMER	MV21T	520786.16	4883512.56	2	0	0	68.7	68.7	1	1923.1	3.25	0	76.68	0	0.52	0	0	4.24	0	0	0	0	0	0	-12.76	-12.76
INV TRANSFORMER	MV23T	520969.02	4883562.56	2	0	0	68.7	68.7	1	1946.9	3.25	0	76.79	0	0.53	0	0	4.28	0	0	0	0	0	0	-12.92	-12.92
INV TRANSFORMER	MV33T	521543.21	4883562.56	2	0	0	68.7	68.7	1	1978.24	3.25	0	76.93	0	0.54	0	0	4.33	0	0	0	0	0	0	-13.12	-13.12
INV TRANSFORMER	MV12T	519470.22	4882671.01	2	0	0	68.7	68.7	1	1978.52	3.25	0	76.93	0	0.54	0	0	4.33	0	0	0	0	0	0	-13.12	-13.12
INV TRANSFORMER	MV27T	521153.54	4883602.56	2	0	0	68.7	68.7	1	1978.56	3.25	0	76.93	0	0.54	0	0	4.33	0	0	0	0	0	0	-13.12	-13.12
INV TRANSFORMER	MV7T	519193.49	4881999.67	2	0	0	68.7	68.7	1	1991.27	3.25	0	76.98	0	0.54	0	0	4.35	0	0	0	0	0	0	-13.2	-13.2
mit. Value D/N:	0	0																							
Level D/N:	23.9316	23.9316																							

Receiver: Existing Noise Receptor
ID: R14
X: 518878
Y: 4881090
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	INVERTER	MV7	519193.98	4881993.86	2	0	0	100.3	100.3	1	957.51	3.25	0	70.62	0	-0.27	0	0	10.77	0	0	0	0	0	0	19.19	19.19
	INVERTER	MV10	519383.44	4882003.86	2	0	0	100.3	100.3	1	1044.33	3.25	0	71.38	0	-0.22	0	0	11.05	0	0	0	0	0	0	18.11	18.11
	INVERTER	MV2	518973.41	4882163.86	2	0	0	100.3	100.3	1	1078.1	3.25	0	71.65	0	-0.21	0	0	11.16	0	0	0	0	0	0	17.71	17.71
	INVERTER	MV6	519159.47	4882193.86	2	0	0	100.3	100.3	1	1139.19	3.25	0	72.13	0	-0.18	0	0	11.35	0	0	0	0	0	0	17.01	17.01
	INVERTER	MV15	519559	4882060.35	2	0	0	100.3	100.3	1	1185.47	3.25	0	72.48	0	-0.16	0	0	11.48	0	0	0	0	0	0	16.51	16.51
	INVERTER	MV1	518942.28	4882343.86	2	0	0	100.3	100.3	1	1255.51	3.25	0	72.98	0	-0.13	0	0	11.68	0	0	0	0	0	0	15.78	15.78
	INVERTER	MV14	519549.01	4882213.86	2	0	0	100.3	100.3	1	1308.94	3.25	0	73.34	0	-0.11	0	0	11.83	0	0	0	0	0	0	15.25	15.25
	INVERTER	MV5	519126.62	4882383.86	2	0	0	100.3	100.3	1	1317.54	3.25	0	73.4	0	-0.1	0	0	11.85	0	0	0	0	0	0	15.17	15.17
	INVERTER	MV3	518997.61	4882023.86	2	0	0	97.3	97.3	1	941.5	3.25	0	70.48	0	-0.28	0	0	10.71	0	0	0	0	0	0	16.4	16.4
	INVERTER	MV9	519310.97	4882423.86	2	0	0	100.3	100.3	1	1402.38	3.25	0	73.94	0	-0.07	0	0	12.08	0	0	0	0	0	0	14.37	14.37
	INVERTER	MV18	519724.65	4882303.86	2	0	0	100.3	100.3	1	1479.96	3.25	0	74.41	0	-0.04	0	0	12.27	0	0	0	0	0	0	13.67	13.67
	INVERTER	MV13	519509.24	4882443.86	2	0	0	100.3	100.3	1	1493.79	3.25	0	74.49	0	-0.04	0	0	12.31	0	0	0	0	0	0	13.55	13.55
	INVERTER	MV4	519089.82	4882595.21	2	0	0	100.3	100.3	1	1520.04	3.25	0	74.64	0	-0.03	0	0	12.37	0	0	0	0	0	0	13.33	13.33
	INVERTER	MV8	519258.31	4882631.1	2	0	0	100.3	100.3	1	1587.34	3.25	0	75.01	0	0	0	0	12.54	0	0	0	0	0	0	12.76	12.76
	INVERTER	MV17	519691.86	4882493.86	2	0	0	100.3	100.3	1	1622.72	3.25	0	75.2	0	0.01	0	0	12.62	0	0	0	0	0	0	12.47	12.47
	INVERTER	MV12	519470.71	4882665.21	2	0	0	100.3	100.3	1	1683.03	3.25	0	75.52	0	0.03	0	0	12.76	0	0	0	0	0	0	12	12
	INVERTER	MV16	519639.48	4882701.1	2	0	0	100.3	100.3	1	1782	3.25	0	76.02	0	0.06	0	0	12.99	0	0	0	0	0	0	11.24	11.24
	INVERTER	MV11	519364.7	4882769.62	2	0	0	97.3	97.3	1	1748.71	3.25	0	75.85	0	0.05	0	0	12.91	0	0	0	0	0	0	8.49	8.49
	INVERTER	MV19	519745.15	4882089.95	2	0	0	89.1	89.1	1	1323.58	3.25	0	73.44	0	0.75	0	0	6.9	0	0	0	0	0	0	7.97	7.97
	INV TRANSFORMER	MV3T	518997.12	4882029.67	2	0	0	69.6	69.6	1	947.19	3.25	0	70.53	0	0.27	0	0	2.41	0	0	0	0	0	0	-3.63	-3.63
	INV TRANSFORMER	MV7T	519193.49	4881999.67	2	0	0	68.7	68.7	1	962.83	3.25	0	70.67	0	0.27	0	0	2.44	0	0	0	0	0	0	-4.71	-4.71
	INV TRANSFORMER	MV10T	519382.94	4882009.67	2	0	0	68.7	68.7	1	1049.17	3.25	0	71.42	0	0.29	0	0	2.62	0	0	0	0	0	0	-5.65	-5.65
	INV TRANSFORMER	MV2T	518972.91	4882169.67	2	0	0	68.7	68.7	1	1083.83	3.25	0	71.7	0	0.3	0	0	2.69	0	0	0	0	0	0	-6.01	-6.01
	INV TRANSFORMER	MV6T	519158.97	4882199.67	2	0	0	68.7	68.7	1	1144.69	3.25	0	72.17	0	0.32	0	0	2.81	0	0	0	0	0	0	-6.62	-6.62
	INV TRANSFORMER	MV15T	519559.49	4882054.55	2	0	0	68.7	68.7	1	1181.01	3.25	0	72.45	0	0.33	0	0	2.88	0	0	0	0	0	0	-6.97	-6.97
	INV TRANSFORMER	MV1T	518941.79	4882349.67	2	0	0	68.7	68.7	1	1261.28	3.25	0	73.02	0	0.35	0	0	3.04	0	0	0	0	0	0	-7.72	-7.72
	INV TRANSFORMER	MV14T	519548.51	4882219.67	2	0	0	68.7	68.7	1	1313.67	3.25	0	73.37	0	0.36	0	0	3.14	0	0	0	0	0	0	-8.19	-8.19
	INV TRANSFORMER	MV19T	519745.65	4882084.15	2	0	0	68.7	68.7	1	1319.53	3.25	0	73.41	0	0.36	0	0	3.15	0	0	0	0	0	0	-8.24	-8.24
	INV TRANSFORMER	MV5T	519126.12	4882389.67	2	0	0	68.7	68.7	1	1323.14	3.25	0	73.43	0	0.36	0	0	3.15	0	0	0	0	0	0	-8.27	-8.27
	INV TRANSFORMER	MV9T	519310.48	4882429.67	2	0	0	68.7	68.7	1	1407.75	3.25	0	73.97	0	0.39	0	0	3.31	0	0	0	0	0	0	-8.99	-8.99
	INV TRANSFORMER	MV18T	519724.16	4882309.67	2	0	0	68.7	68.7	1	1484.45	3.25	0	74.43	0	0.41	0	0	3.46	0	0	0	0	0	0	-9.62	-9.62
	INV TRANSFORMER	MV13T	519508.74	4882449.67	2	0	0	68.7	68.7	1	1498.85	3.25	0	74.52	0	0.41	0	0	3.48	0	0	0	0	0	0	-9.73	-9.73
	INV TRANSFORMER	MV4T	519089.32	4882601.01	2	0	0	68.7	68.7	1	1525.72	3.25	0	74.67	0	0.42	0	0	3.53	0	0	0	0	0	0	-9.94	-9.94
	INV TRANSFORMER	MV11T	519370.5	4882770.13	2	0	0	69.6	69.6	1	1750.83	3.25	0	75.86	0	0.48	0	0	3.94	0	0	0	0	0	0	-10.7	-10.7
	INV TRANSFORMER	MV8T	519258.81	4882625.3	2	0	0	68.7	68.7	1	1581.82	3.25	0	74.98	0	0.43	0	0	3.63	0	0	0	0	0	0	-10.37	-10.37
	INV TRANSFORMER	MV17T	519691.37	4882499.67	2	0	0	68.7	68.7	1	1627.49	3.25	0	75.23	0	0.44	0	0	3.72	0	0	0	0	0	0	-10.71	-10.71
	INV TRANSFORMER	MV12T	519470.22	4882671.01	2	0	0	68.7	68.7	1	1688.29	3.25	0	75.55	0	0.46	0	0	3.82	0	0	0	0	0	0	-11.16	-11.16
	INV TRANSFORMER	MV16T	519639.98	4882695.3	2	0	0	68.7	68.7	1	1776.96	3.25	0	75.99	0	0.48	0	0	3.98	0	0	0	0	0	0	-11.78	-11.78
mit. Value D/N:	0	0																									
Level D/N:	27.9697	27.9697																									

Receiver: Existing Noise Receptor
ID: R15
X: 518724
Y: 4881336
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	INVERTER	MV7	519193.98	4881993.86	2	0	0	100.3	100.3	1	808.5	3.25	0	69.15	0	-0.35	0	0	10.22	0	0	0	0	0	0	21.29	21.29
	INVERTER	MV2	518973.41	4882163.86	2	0	0	100.3	100.3	1	864.62	3.25	0	69.74	0	-0.32	0	0	10.43	0	0	0	0	0	0	20.46	20.46
	INVERTER	MV10	519383.44	4882003.86	2	0	0	100.3	100.3	1	938.57	3.25	0	70.45	0	-0.28	0	0	10.7	0	0	0	0	0	0	19.44	19.44
	INVERTER	MV6	519159.47	4882193.86	2	0	0	100.3	100.3	1	962.06	3.25	0	70.66	0	-0.27	0	0	10.78	0	0	0	0	0	0	19.13	19.13
	INVERTER	MV1	518942.28	4882343.86	2	0	0	100.3	100.3	1	1031.23	3.25	0	71.27	0	-0.23	0	0	11.01	0	0	0	0	0	0	18.26	18.26
	INVERTER	MV3	518997.61	4882023.86	2	0	0	97.3	97.3	1	740.29	3.25	0	68.39	0	-0.39	0	0	9.92	0	0	0	0	0	0	19.39	19.39
	INVERTER	MV15	519559	4882060.35	2	0	0	100.3	100.3	1	1105.4	3.25	0	71.87	0	-0.2	0	0	11.25	0	0	0	0	0	0	17.39	17.39
	INVERTER	MV5	519126.62	4882383.86	2	0	0	100.3	100.3	1	1122.55	3.25	0	72	0	-0.19	0	0	11.3	0	0	0	0	0	0	17.2	17.2
	INVERTER	MV14	519549.01	4882213.86	2	0	0	100.3	100.3	1	1204.69	3.25	0	72.62	0	-0.15	0	0	11.54	0	0	0	0	0	0	16.31	16.31
	INVERTER	MV9	519310.97	4882423.86	2	0	0	100.3	100.3	1	1236.12	3.25	0	72.84	0	-0.14	0	0	11.63	0	0	0	0	0	0	15.98	15.98
	INVERTER	MV4	519089.82	4882595.21	2	0	0	100.3	100.3	1	1311.27	3.25	0	73.35	0	-0.11	0	0	11.84	0	0	0	0	0	0	15.23	15.23
	INVERTER	MV13	519509.24	4882443.86	2	0	0	100.3	100.3	1	1357.93	3.25	0	73.66	0	-0.09	0	0	11.96	0	0	0	0	0	0	14.78	14.78
	INVERTER	MV18	519724.65	4882303.86	2	0	0	100.3	100.3	1	1392.15	3.25	0	73.87	0	-0.07	0	0	12.05	0	0	0	0	0	0	14.46	14.46
	INVERTER	MV8	519258.31	4882631.1	2	0	0	100.3	100.3	1	1401	3.25	0	73.93	0	-0.07	0	0	12.07	0	0	0	0	0	0	14.38	14.38
	INVERTER	MV17	519691.86	4882493.86	2	0	0	100.3	100.3	1	1509.11	3.25	0	74.57	0	-0.03	0	0	12.35	0	0	0	0	0	0	13.42	13.42
	INVERTER	MV12	519470.71	4882665.21	2	0	0	100.3	100.3	1	1524.59	3.25	0	74.66	0	-0.02	0	0	12.39	0	0	0	0	0	0	13.29	13.29
	INVERTER	MV16	519639.48	4882701.1	2	0	0	100.3	100.3	1	1643.66	3.25	0	75.32	0	0.02	0	0	12.67	0	0	0	0	0	0	12.31	12.31
	INVERTER	MV11	519364.7	4882769.62	2	0	0	97.3	97.3	1	1570.27	3.25	0	74.92	0	-0.01	0	0	12.5	0	0	0	0	0	0	9.9	9.9
	INVERTER	MV19	519745.15	4882089.95	2	0	0	89.1	89.1	1	1269.33	3.25	0	73.07	0	0.74	0	0	6.81	0	0	0	0	0	0	8.44	8.44
	INV TRANSFORMER	MV3T	518997.12	4882029.67	2	0	0	69.6	69.6	1	745.5	3.25	0	68.45	0	0.22	0	0	1.99	0	0	0	0	0	0	-1.08	-1.08
	INV TRANSFORMER	MV7T	519193.49	4881999.67	2	0	0	68.7	68.7	1	812.95	3.25	0	69.2	0	0.23	0	0	2.13	0	0	0	0	0	0	-2.89	-2.89
	INV TRANSFORMER	MV2T	518972.91	4882169.67	2	0	0	68.7	68.7	1	870.04	3.25	0	69.79	0	0.25	0	0	2.25	0	0	0	0	0	0	-3.61	-3.61
	INV TRANSFORMER	MV10T	519382.94	4882009.67	2	0	0	68.7	68.7	1	942.36	3.25	0	70.48	0	0.26	0	0	2.4	0	0	0	0	0	0	-4.47	-4.47
	INV TRANSFORMER	MV6T	519158.97	4882199.67	2	0	0	68.7	68.7	1	967.02	3.25	0	70.71	0	0.27	0	0	2.45	0	0	0	0	0	0	-4.76	-4.76
	INV TRANSFORMER	MV1T	518941.79	4882349.67	2	0	0	68.7	68.7	1	1036.8	3.25	0	71.31	0	0.29	0	0	2.59	0	0	0	0	0	0	-5.52	-5.52
	INV TRANSFORMER	MV15T	519559.49	4882054.55	2	0	0	68.7	68.7	1	1101.98	3.25	0	71.84	0	0.31	0	0	2.72	0	0	0	0	0	0	-6.2	-6.2
	INV TRANSFORMER	MV5T	519126.12	4882389.67	2	0	0	68.7	68.7	1	1127.8	3.25	0	72.04	0	0.31	0	0	2.78	0	0	0	0	0	0	-6.46	-6.46
	INV TRANSFORMER	MV14T	519548.51	4882219.67	2	0	0	68.7	68.7	1	1208.59	3.25	0	72.65	0	0.33	0	0	2.93	0	0	0	0	0	0	-7.24	-7.24
	INV TRANSFORMER	MV9T	519310.48	4882429.67	2	0	0	68.7	68.7	1	1241	3.25	0	72.88	0	0.34	0	0	3	0	0	0	0	0	0	-7.54	-7.54
	INV TRANSFORMER	MV19T	519745.65	4882084.15	2	0	0	68.7	68.7	1	1266.29	3.25	0	73.05	0	0.35	0	0	3.05	0	0	0	0	0	0	-7.77	-7.77
	INV TRANSFORMER	MV4T	519089.32	4882601.01	2	0	0	68.7	68.7	1	1316.71	3.25	0	73.39	0	0.36	0	0	3.14	0	0	0	0	0	0	-8.22	-8.22
	INV TRANSFORMER	MV13T	519508.74	4882449.67	2	0	0	68.7	68.7	1	1362.38	3.25	0	73.69	0	0.37	0	0	3.23	0	0	0	0	0	0	-8.61	-8.61
	INV TRANSFORMER	MV8T	519258.81	4882625.3	2	0	0	68.7	68.7	1	1395.82	3.25	0	73.9	0	0.38	0	0	3.29	0	0	0	0	0	0	-8.89	-8.89
	INV TRANSFORMER	MV18T	519724.16	4882309.67	2	0	0	68.7	68.7	1	1395.83	3.25	0	73.9	0	0.38	0	0	3.29	0	0	0	0	0	0	-8.89	-8.89
	INV TRANSFORMER	MV11T	519370.5	4882770.13	2	0	0	69.6	69.6	1	1573.12	3.25	0	74.94	0	0.43	0	0	3.62	0	0	0	0	0	0	-9.41	-9.41
	INV TRANSFORMER	MV17T	519691.37	4882499.67	2	0	0	68.7	68.7	1	1513.25	3.25	0	74.6	0	0.41	0	0	3.51	0	0	0	0	0	0	-9.84	-9.84
	INV TRANSFORMER	MV12T	519470.22	4882671.01	2	0	0	68.7	68.7	1	1529.41	3.25	0	74.69	0	0.42	0	0	3.54	0	0	0	0	0	0	-9.97	-9.97
	INV TRANSFORMER	MV16T	519639.98	4882695.3	2	0	0	68.7	68.7	1	1639.12	3.25	0	75.29	0	0.45	0	0	3.74	0	0	0	0	0	0	-10.8	-10.8
mit. Value D/N:	0	0																									
Level D/N:	29.82	29.82																									

Receiver: Existing Noise Receptor
ID: R16
X: 519058
Y: 4881746
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	INVERTER	MV7	519193.98	4881993.86	2	0	0	100.3	100.3	1	282.73	3.25	0	60.03	0	-0.64	0	0	6.14	0	0	0	0	0	0	34.79	34.79
	INVERTER	MV3	518997.61	4882023.86	2	0	0	97.3	97.3	1	284.36	3.25	0	60.08	0	-0.64	0	0	6.17	0	0	0	0	0	0	31.71	31.71
	INVERTER	MV10	519383.44	4882003.86	2	0	0	100.3	100.3	1	415.22	3.25	0	63.37	0	-0.61	0	0	7.78	0	0	0	0	0	0	29.78	29.78
	INVERTER	MV2	518973.41	4882163.86	2	0	0	100.3	100.3	1	426.35	3.25	0	63.6	0	-0.6	0	0	7.89	0	0	0	0	0	0	29.43	29.43
	INVERTER	MV6	519159.47	4882193.86	2	0	0	100.3	100.3	1	459.22	3.25	0	64.24	0	-0.58	0	0	8.19	0	0	0	0	0	0	28.46	28.46
	INVERTER	MV15	519559	4882060.35	2	0	0	100.3	100.3	1	591.46	3.25	0	66.44	0	-0.48	0	0	9.15	0	0	0	0	0	0	25.21	25.21
	INVERTER	MV1	518942.28	4882343.86	2	0	0	100.3	100.3	1	608.96	3.25	0	66.69	0	-0.47	0	0	9.26	0	0	0	0	0	0	24.84	24.84
	INVERTER	MV5	519126.62	4882383.86	2	0	0	100.3	100.3	1	641.55	3.25	0	67.14	0	-0.45	0	0	9.44	0	0	0	0	0	0	24.18	24.18
	INVERTER	MV14	519549.01	4882213.86	2	0	0	100.3	100.3	1	678.23	3.25	0	67.63	0	-0.43	0	0	9.63	0	0	0	0	0	0	23.48	23.48
	INVERTER	MV9	519310.97	4882423.86	2	0	0	100.3	100.3	1	723.53	3.25	0	68.19	0	-0.4	0	0	9.85	0	0	0	0	0	0	22.67	22.67
	INVERTER	MV13	519509.24	4882443.86	2	0	0	100.3	100.3	1	831.05	3.25	0	69.39	0	-0.33	0	0	10.3	0	0	0	0	0	0	20.95	20.95
	INVERTER	MV4	519089.82	4882595.21	2	0	0	100.3	100.3	1	849.8	3.25	0	69.59	0	-0.32	0	0	10.38	0	0	0	0	0	0	20.67	20.67
	INVERTER	MV18	519724.65	4882303.86	2	0	0	100.3	100.3	1	869.28	3.25	0	69.78	0	-0.31	0	0	10.45	0	0	0	0	0	0	20.39	20.39
	INVERTER	MV8	519258.31	4882631.1	2	0	0	100.3	100.3	1	907.49	3.25	0	70.16	0	-0.29	0	0	10.59	0	0	0	0	0	0	19.86	19.86
	INVERTER	MV17	519691.86	4882493.86	2	0	0	100.3	100.3	1	980.35	3.25	0	70.83	0	-0.26	0	0	10.85	0	0	0	0	0	0	18.89	18.89
	INVERTER	MV12	519470.71	4882665.21	2	0	0	100.3	100.3	1	1007.61	3.25	0	71.07	0	-0.24	0	0	10.94	0	0	0	0	0	0	18.55	18.55
	INVERTER	MV16	519639.48	4882701.1	2	0	0	100.3	100.3	1	1118.19	3.25	0	71.97	0	-0.19	0	0	11.28	0	0	0	0	0	0	17.25	17.25
	INVERTER	MV11	519364.7	4882769.62	2	0	0	97.3	97.3	1	1068.58	3.25	0	71.58	0	-0.21	0	0	11.13	0	0	0	0	0	0	14.82	14.82
	INVERTER	MV46	519569.31	4883250.26	2	0	0	97.3	97.3	1	1588.78	3.25	0	75.02	0	0	0	0	12.54	0	0	0	0	0	0	9.75	9.75
	DSTATCOM UNIT	DSTAT	519479.25	4883282.56	2.5	0	0	96.6	96.6	1	1593.26	3.5	0	75.05	0	3.13	0	0	1.47	0	0	0	0	0	0	16.99	16.99
	INVERTER	MV19	519745.15	4882089.95	2	0	0	89.1	89.1	1	768.43	3.25	0	68.71	0	0.63	0	0	5.85	0	0	0	0	0	0	13.86	13.86
	INVERTER	MV47	519833.32	4883254.23	2	0	0	89.1	89.1	1	1695.85	3.25	0	75.59	0	0.84	0	0	7.54	0	0	0	0	0	0	5.09	5.09

SUBSTATION TRANSFORMER	TRS	519493.37	4883252.44	3.5	0	0	87.9	87.9	1	1568.09	4	0	74.91	0	-0.74	0	0	3.61	0	0	0	0	0	0	10.1	10.1
INV TRANSFORMER	MV3T	518997.12	4882029.67	2	0	0	69.6	69.6	1	290.14	3.25	0	60.25	0	0.3	0	0	0.91	0	0	0	0	0	0	8.12	8.12
INV TRANSFORMER	MV7T	519193.49	4881999.67	2	0	0	68.7	68.7	1	287.6	3.25	0	60.18	0	0.3	0	0	0.9	0	0	0	0	0	0	7.3	7.3
LINE REACTOR	LR	519485	4883285	6.8	0	0	82	82	1	1597.14	5.65	0	75.07	0	-1.06	0	0	3.66	0	0	0	0	0	0	4.31	4.31
INV TRANSFORMER	MV10T	519382.94	4882009.67	2	0	0	68.7	68.7	1	418.47	3.25	0	63.43	0	0.2	0	0	1.23	0	0	0	0	0	0	3.81	3.81
INV TRANSFORMER	MV2T	518972.91	4882169.67	2	0	0	68.7	68.7	1	432.14	3.25	0	63.71	0	0.2	0	0	1.27	0	0	0	0	0	0	3.5	3.5
INV TRANSFORMER	MV6T	519158.97	4882199.67	2	0	0	68.7	68.7	1	464.78	3.25	0	64.34	0	0.19	0	0	1.35	0	0	0	0	0	0	2.79	2.79
INV TRANSFORMER	MV15T	519559.49	4882054.55	2	0	0	68.7	68.7	1	588.82	3.25	0	66.4	0	0.19	0	0	1.64	0	0	0	0	0	0	0.45	0.45
INV TRANSFORMER	MV1T	518941.79	4882349.67	2	0	0	68.7	68.7	1	614.76	3.25	0	66.77	0	0.19	0	0	1.7	0	0	0	0	0	0	0.01	0.01
INV TRANSFORMER	MV5T	519126.12	4882389.67	2	0	0	68.7	68.7	1	647.27	3.25	0	67.22	0	0.2	0	0	1.77	0	0	0	0	0	0	-0.51	-0.51
INV TRANSFORMER	MV14T	519548.51	4882219.67	2	0	0	68.7	68.7	1	681.89	3.25	0	67.67	0	0.2	0	0	1.85	0	0	0	0	0	0	-1.05	-1.05
INV TRANSFORMER	MV9T	519310.48	4882429.67	2	0	0	68.7	68.7	1	728.8	3.25	0	68.25	0	0.21	0	0	1.95	0	0	0	0	0	0	-1.74	-1.74
INV TRANSFORMER	MV19T	519745.65	4882084.15	2	0	0	68.7	68.7	1	766.3	3.25	0	68.69	0	0.22	0	0	2.03	0	0	0	0	0	0	-2.26	-2.26
INV TRANSFORMER	MV13T	519508.74	4882449.67	2	0	0	68.7	68.7	1	835.66	3.25	0	69.44	0	0.24	0	0	2.18	0	0	0	0	0	0	-3.18	-3.18
INV TRANSFORMER	MV4T	519089.32	4882601.01	2	0	0	68.7	68.7	1	855.59	3.25	0	69.65	0	0.24	0	0	2.22	0	0	0	0	0	0	-3.43	-3.43
INV TRANSFORMER	MV18T	519724.16	4882309.67	2	0	0	68.7	68.7	1	872.64	3.25	0	69.82	0	0.25	0	0	2.26	0	0	0	0	0	0	-3.64	-3.64
INV TRANSFORMER	MV8T	519258.81	4882625.3	2	0	0	68.7	68.7	1	901.94	3.25	0	70.1	0	0.25	0	0	2.32	0	0	0	0	0	0	-4	-4
INV TRANSFORMER	MV11T	519370.5	4882770.13	2	0	0	69.6	69.6	1	1070.75	3.25	0	71.59	0	0.3	0	0	2.66	0	0	0	0	0	0	-4.98	-4.98
INV TRANSFORMER	MV17T	519691.37	4882499.67	2	0	0	68.7	68.7	1	984.47	3.25	0	70.86	0	0.28	0	0	2.49	0	0	0	0	0	0	-4.95	-4.95
INV TRANSFORMER	MV12T	519470.22	4882671.01	2	0	0	68.7	68.7	1	1012.71	3.25	0	71.11	0	0.28	0	0	2.55	0	0	0	0	0	0	-5.26	-5.26
INV TRANSFORMER	MV16T	519639.98	4882695.3	2	0	0	68.7	68.7	1	1113.5	3.25	0	71.93	0	0.31	0	0	2.75	0	0	0	0	0	0	-6.31	-6.31
INV TRANSFORMER	MV46T	519569.03	4883256.08	2	0	0	69.6	69.6	1	1594.21	3.25	0	75.05	0	0.43	0	0	3.66	0	0	0	0	0	0	-9.56	-9.56
INV TRANSFORMER	MV47T	519833.6	4883248.41	2	0	0	68.7	68.7	1	1690.8	3.25	0	75.56	0	0.46	0	0	3.83	0	0	0	0	0	0	-11.17	-11.17
mit. Value D/N:	0	0																								
Level D/N:	39.6072	39.6072																								

Receiver: Existing Noise Receptor
ID: R17
X: 518588
Y: 4882002
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	INVERTER	MV2	518973.41	4882163.86	2	0	0	100.3	100.3	1	418.03	3.25	0	63.42	0	-0.61	0	0	7.81	0	0	0	0	0	0	29.69	29.69
	INVERTER	MV1	518942.28	4882343.86	2	0	0	100.3	100.3	1	492.34	3.25	0	64.85	0	-0.56	0	0	8.47	0	0	0	0	0	0	27.56	27.56
	INVERTER	MV3	518997.61	4882023.86	2	0	0	97.3	97.3	1	410.2	3.25	0	63.26	0	-0.61	0	0	7.73	0	0	0	0	0	0	26.94	26.94
	INVERTER	MV6	519159.47	4882193.86	2	0	0	100.3	100.3	1	602.82	3.25	0	66.6	0	-0.48	0	0	9.22	0	0	0	0	0	0	24.96	24.96
	INVERTER	MV7	519193.98	4881993.86	2	0	0	100.3	100.3	1	606.04	3.25	0	66.65	0	-0.47	0	0	9.24	0	0	0	0	0	0	24.9	24.9
	INVERTER	MV5	519126.62	4882383.86	2	0	0	100.3	100.3	1	660.25	3.25	0	67.39	0	-0.44	0	0	9.54	0	0	0	0	0	0	23.82	23.82
	INVERTER	MV4	519089.82	4882595.21	2	0	0	100.3	100.3	1	776.99	3.25	0	68.81	0	-0.36	0	0	10.08	0	0	0	0	0	0	21.78	21.78
	INVERTER	MV10	519383.44	4882003.86	2	0	0	100.3	100.3	1	795.45	3.25	0	69.01	0	-0.35	0	0	10.16	0	0	0	0	0	0	21.49	21.49
	INVERTER	MV9	519310.97	4882423.86	2	0	0	100.3	100.3	1	837.06	3.25	0	69.46	0	-0.33	0	0	10.33	0	0	0	0	0	0	20.86	20.86
	INVERTER	MV8	519258.31	4882631.1	2	0	0	100.3	100.3	1	919.29	3.25	0	70.27	0	-0.29	0	0	10.63	0	0	0	0	0	0	19.7	19.7
	INVERTER	MV15	519559	4882060.35	2	0	0	100.3	100.3	1	972.75	3.25	0	70.76	0	-0.26	0	0	10.82	0	0	0	0	0	0	18.99	18.99
	INVERTER	MV14	519549.01	4882213.86	2	0	0	100.3	100.3	1	984.09	3.25	0	70.86	0	-0.25	0	0	10.86	0	0	0	0	0	0	18.85	18.85
	INVERTER	MV13	519509.24	4882443.86	2	0	0	100.3	100.3	1	1021.73	3.25	0	71.19	0	-0.24	0	0	10.98	0	0	0	0	0	0	18.38	18.38
	INVERTER	MV12	519470.71	4882665.21	2	0	0	100.3	100.3	1	1104.1	3.25	0	71.86	0	-0.2	0	0	11.24	0	0	0	0	0	0	17.41	17.41
	INVERTER	MV18	519724.65	4882303.86	2	0	0	100.3	100.3	1	1176.06	3.25	0	72.41	0	-0.16	0	0	11.46	0	0	0	0	0	0	16.61	16.61
	INVERTER	MV17	519691.86	4882493.86	2	0	0	100.3	100.3	1	1208.49	3.25	0	72.64	0	-0.15	0	0	11.55	0	0	0	0	0	0	16.27	16.27
	INVERTER	MV16	519639.48	4882701.1	2	0	0	100.3	100.3	1	1262.68	3.25	0	73.03	0	-0.13	0	0	11.7	0	0	0	0	0	0	15.71	15.71
	INVERTER	MV11	519364.7	4882769.62	2	0	0	97.3	97.3	1	1092.02	3.25	0	71.76	0	-0.2	0	0	11.2	0	0	0	0	0	0	14.55	14.55
	INVERTER	MV46	519569.31	4883250.26	2	0	0	97.3	97.3	1	1587.8	3.25	0	75.02	0	0	0	0	12.54	0	0	0	0	0	0	9.76	9.76
	DSTATCOM UNIT	DSTAT	519479.25	4883282.56	2.5	0	0	96.6	96.6	1	1560.18	3.5	0	74.86	0	3.13	0	0	1.45	0	0	0	0	0	0	17.2	17.2
	INVERTER	MV19	519745.15	4882089.95	2	0	0	89.1	89.1	1	1160.49	3.25	0	72.29	0	0.72	0	0	6.61	0	0	0	0	0	0	9.44	9.44
	INVERTER	MV47	519833.32	4883254.23	2	0	0	89.1	89.1	1	1766.05	3.25	0	75.94	0	0.85	0	0	7.66	0	0	0	0	0	0	4.61	4.61
	SUBSTATION TRANSFORMER	TRS	519493.37	4883252.44	3.5	0	0	87.9	87.9	1	1543.79	4	0	74.77	0	-0.75	0	0	3.56	0	0	0	0	0	0	10.29	10.29
	LINE REACTOR	LR	519485	4883285	6.8	0	0	82	82	1	1565.47	5.65	0	74.89	0	-1.06	0	0	3.6	0	0	0	0	0	0	4.54	4.54
	INV TRANSFORMER	MV3T	518997.12	4882029.67	2	0	0	69.6	69.6	1	410.06	3.25	0	63.26	0	0.2	0	0	1.21	0	0	0	0	0	0	4.9	4.9
	INV TRANSFORMER	MV2T	518972.91	4882169.67	2	0	0	68.7	68.7	1	419.85	3.25	0	63.46	0	0.2	0	0	1.24	0	0	0	0	0	0	3.78	3.78
	INV TRANSFORMER	MV1T	518941.79	4882349.67	2	0	0	68.7	68.7	1	496.03	3.25	0	64.91	0	0.19	0	0	1.42	0	0	0	0	0	0	2.16	2.16
	INV TRANSFORMER	MV6T	519158.97	4882199.67	2	0	0	68.7	68.7	1	604.22	3.25	0	66.62	0	0.19	0	0	1.67	0	0	0	0	0	0	0.19	0.19
	INV TRANSFORMER	MV7T	519193.49	4881999.67	2	0	0	68.7	68.7	1	605.5	3.25	0	66.64	0	0.19	0	0	1.67	0	0	0	0	0	0	0.17	0.17
	INV TRANSFORMER	MV5T	519126.12	4882389.67	2	0	0	68.7	68.7	1	663.22	3.25	0	67.43	0	0.2	0	0	1.8	0	0	0	0	0	0	-0.76	-0.76
	INV TRANSFORMER	MV4T	519089.32	4882601.01	2	0	0	68.7	68.7	1	781.11	3.25	0	68.85	0	0.23	0	0	2.06	0	0	0	0	0	0	-2.47	-2.47
	INV TRANSFORMER	MV10T	519382.94	4882009.67	2	0	0	68.7	68.7	1	794.99	3.25	0	69.01	0	0.23	0	0	2.09	0	0	0	0	0	0	-2.65	-2.65
	INV TRANSFORMER	MV9T	519310.48	4882429.67	2	0	0	68.7	68.7	1	839.57	3.25	0	69.48	0	0.24	0	0	2.19	0	0	0	0	0	0	-3.23	-3.23
	INV TRANSFORMER	MV8T	519258.81	4882625.3	2	0	0	68.7	68.7	1	915.69	3.25	0	70.23	0	0.26	0	0	2.35	0	0	0	0	0	0	-4.16	-4.16
	INV TRANSFORMER	MV15T	519559.49	4882054.55	2	0	0	68.7	68.7	1	972.92	3.25	0	70.76	0	0.27	0	0	2.46	0	0	0	0	0	0	-4.82	-4.82
	INV TRANSFORMER	MV14T	519548.51	4882219.67	2	0	0	68.7	68.7	1	984.87	3.25	0	70.87	0	0.28	0	0	2.49	0	0	0	0	0	0	-4.96	-4.96
	INV TRANSFORMER	MV11T	519370.5	4882770.13	2	0	0	69.6	69.6	1	1096.51	3.25	0	71.8	0	0.3	0	0	2.71	0	0	0	0	0	0	-5.24	-5.24
	INV TRANSFORMER	MV13T	519508.74	4882449.67	2	0	0	68.7	68.7	1	1023.81	3.25	0	71.2	0	0.29	0	0	2.57	0	0	0	0	0	0	-5.38	-5.38

	INV TRANSFORMER	MV12T	519470.22	4882671.01	2	0	0	68.7	68.7	1	1107.2	3.25	0	71.88	0	0.31	0	0	2.73	0	0	0	0	0	0	-6.25	-6.25
	INV TRANSFORMER	MV19T	519745.65	4882084.15	2	0	0	68.7	68.7	1	1160.56	3.25	0	72.29	0	0.32	0	0	2.84	0	0	0	0	0	0	-6.78	-6.78
	INV TRANSFORMER	MV18T	519724.16	4882309.67	2	0	0	68.7	68.7	1	1177.08	3.25	0	72.42	0	0.32	0	0	2.87	0	0	0	0	0	0	-6.94	-6.94
	INV TRANSFORMER	MV17T	519691.37	4882499.67	2	0	0	68.7	68.7	1	1210.41	3.25	0	72.66	0	0.33	0	0	2.94	0	0	0	0	0	0	-7.25	-7.25
	INV TRANSFORMER	MV16T	519639.98	4882695.3	2	0	0	68.7	68.7	1	1259.89	3.25	0	73.01	0	0.35	0	0	3.03	0	0	0	0	0	0	-7.71	-7.71
	INV TRANSFORMER	MV46T	519569.03	4883256.08	2	0	0	69.6	69.6	1	1592.21	3.25	0	75.04	0	0.43	0	0	3.65	0	0	0	0	0	0	-9.55	-9.55
	INV TRANSFORMER	MV47T	519833.6	4883248.41	2	0	0	68.7	68.7	1	1762.12	3.25	0	75.92	0	0.48	0	0	3.96	0	0	0	0	0	0	-11.68	-11.68
mit. Value D/N:	0	0																								
Level D/N:	35.9114	35.9114																								

Receiver: Existing Noise Receptor
ID: R18
X: 518661
Y: 4882773
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	INVERTER	MV4	519089.82	4882595.21	2	0	0	100.3	100.3	1	464.22	3.25	0	64.33	0	-0.58	0	0	8.23	0	0	0	0	0	0	28.32	28.32
	INVERTER	MV1	518942.28	4882343.86	2	0	0	100.3	100.3	1	513.11	3.25	0	65.2	0	-0.54	0	0	8.62	0	0	0	0	0	0	27.02	27.02
	INVERTER	MV5	519126.62	4882383.86	2	0	0	100.3	100.3	1	606.82	3.25	0	66.66	0	-0.47	0	0	9.24	0	0	0	0	0	0	24.88	24.88
	INVERTER	MV8	519258.31	4882631.1	2	0	0	100.3	100.3	1	613.94	3.25	0	66.76	0	-0.47	0	0	9.29	0	0	0	0	0	0	24.73	24.73
	INVERTER	MV2	518973.41	4882163.86	2	0	0	100.3	100.3	1	684.58	3.25	0	67.71	0	-0.42	0	0	9.66	0	0	0	0	0	0	23.36	23.36
	INVERTER	MV9	519310.97	4882423.86	2	0	0	100.3	100.3	1	737.81	3.25	0	68.36	0	-0.39	0	0	9.91	0	0	0	0	0	0	22.43	22.43
	INVERTER	MV6	519159.47	4882193.86	2	0	0	100.3	100.3	1	764.12	3.25	0	68.66	0	-0.37	0	0	10.03	0	0	0	0	0	0	21.99	21.99
	INVERTER	MV12	519470.71	4882665.21	2	0	0	100.3	100.3	1	816.86	3.25	0	69.24	0	-0.34	0	0	10.25	0	0	0	0	0	0	21.16	21.16
	INVERTER	MV13	519509.24	4882443.86	2	0	0	100.3	100.3	1	909.86	3.25	0	70.18	0	-0.29	0	0	10.6	0	0	0	0	0	0	19.82	19.82
	INVERTER	MV7	519193.98	4881993.86	2	0	0	100.3	100.3	1	944	3.25	0	70.5	0	-0.27	0	0	10.72	0	0	0	0	0	0	19.37	19.37
	INVERTER	MV16	519639.48	4882701.1	2	0	0	100.3	100.3	1	981.12	3.25	0	70.83	0	-0.26	0	0	10.85	0	0	0	0	0	0	18.88	18.88
	INVERTER	MV11	519364.7	4882769.62	2	0	0	97.3	97.3	1	703.71	3.25	0	67.95	0	-0.41	0	0	9.76	0	0	0	0	0	0	20.02	20.02
	INVERTER	MV14	519549.01	4882213.86	2	0	0	100.3	100.3	1	1049.38	3.25	0	71.42	0	-0.22	0	0	11.07	0	0	0	0	0	0	18.04	18.04
	INVERTER	MV10	519383.44	4882003.86	2	0	0	100.3	100.3	1	1055.22	3.25	0	71.47	0	-0.22	0	0	11.09	0	0	0	0	0	0	17.98	17.98
	INVERTER	MV17	519691.86	4882493.86	2	0	0	100.3	100.3	1	1067.99	3.25	0	71.57	0	-0.21	0	0	11.13	0	0	0	0	0	0	17.82	17.82
	INVERTER	MV15	519559	4882060.35	2	0	0	100.3	100.3	1	1146.42	3.25	0	72.19	0	-0.18	0	0	11.37	0	0	0	0	0	0	16.93	16.93
	INVERTER	MV3	518997.61	4882023.86	2	0	0	97.3	97.3	1	821.29	3.25	0	69.29	0	-0.34	0	0	10.27	0	0	0	0	0	0	18.1	18.1
	INVERTER	MV18	519724.65	4882303.86	2	0	0	100.3	100.3	1	1162.52	3.25	0	72.31	0	-0.17	0	0	11.42	0	0	0	0	0	0	16.76	16.76
	INVERTER	MV46	519569.31	4883250.26	2	0	0	97.3	97.3	1	1026.06	3.25	0	71.22	0	-0.23	0	0	11	0	0	0	0	0	0	15.33	15.33
	DSTATCOM UNIT	DSTAT	519479.25	4883282.56	2.5	0	0	96.6	96.6	1	963.94	3.5	0	70.68	0	2.89	0	0	1.05	0	0	0	0	0	0	22.01	22.01
	SUBSTATION TRANSFORMER	TRS	519493.37	4883252.44	3.5	0	0	87.9	87.9	1	960.57	4	0	70.65	0	-0.8	0	0	2.44	0	0	0	0	0	0	15.59	15.59
	INVERTER	MV47	519833.32	4883254.23	2	0	0	89.1	89.1	1	1267.25	3.25	0	73.06	0	0.74	0	0	6.8	0	0	0	0	0	0	8.46	8.46
	INVERTER	MV19	519745.15	4882089.95	2	0	0	89.1	89.1	1	1281.38	3.25	0	73.15	0	0.74	0	0	6.83	0	0	0	0	0	0	8.33	8.33
	LINE REACTOR	LR	519485	4883285	6.8	0	0	82	82	1	970.12	5.65	0	70.74	0	-1.03	0	0	2.46	0	0	0	0	0	0	9.81	9.81
	INV TRANSFORMER	MV4T	519089.32	4882601.01	2	0	0	68.7	68.7	1	461.57	3.25	0	64.28	0	0.19	0	0	1.34	0	0	0	0	0	0	2.86	2.86
	INV TRANSFORMER	MV1T	518941.79	4882349.67	2	0	0	68.7	68.7	1	507.99	3.25	0	65.12	0	0.19	0	0	1.45	0	0	0	0	0	0	1.92	1.92
	INV TRANSFORMER	MV5T	519126.12	4882389.67	2	0	0	68.7	68.7	1	602.73	3.25	0	66.6	0	0.19	0	0	1.67	0	0	0	0	0	0	0.21	0.21
	INV TRANSFORMER	MV8T	519258.81	4882625.3	2	0	0	68.7	68.7	1	615.79	3.25	0	66.79	0	0.19	0	0	1.7	0	0	0	0	0	0	0	0
	INV TRANSFORMER	MV11T	519370.5	4882770.13	2	0	0	69.6	69.6	1	709.51	3.25	0	68.02	0	0.21	0	0	1.91	0	0	0	0	0	0	-0.56	-0.56
	INV TRANSFORMER	MV2T	518972.91	4882169.67	2	0	0	68.7	68.7	1	679.19	3.25	0	67.64	0	0.2	0	0	1.84	0	0	0	0	0	0	-1.01	-1.01
	INV TRANSFORMER	MV9T	519310.48	4882429.67	2	0	0	68.7	68.7	1	734.64	3.25	0	68.32	0	0.21	0	0	1.96	0	0	0	0	0	0	-1.82	-1.82
	INV TRANSFORMER	MV3T	518997.12	4882029.67	2	0	0	69.6	69.6	1	815.8	3.25	0	69.23	0	0.23	0	0	2.14	0	0	0	0	0	0	-2.03	-2.03
	INV TRANSFORMER	MV6T	519158.97	4882199.67	2	0	0	68.7	68.7	1	759.4	3.25	0	68.61	0	0.22	0	0	2.02	0	0	0	0	0	0	-2.17	-2.17
	INV TRANSFORMER	MV12T	519470.22	4882671.01	2	0	0	68.7	68.7	1	815.62	3.25	0	69.23	0	0.23	0	0	2.14	0	0	0	0	0	0	-2.92	-2.92
	INV TRANSFORMER	MV13T	519508.74	4882449.67	2	0	0	68.7	68.7	1	907.31	3.25	0	70.16	0	0.26	0	0	2.33	0	0	0	0	0	0	-4.06	-4.06
	INV TRANSFORMER	MV46T	519569.03	4883256.08	2	0	0	69.6	69.6	1	1028.54	3.25	0	71.24	0	0.29	0	0	2.58	0	0	0	0	0	0	-4.53	-4.53
	INV TRANSFORMER	MV7T	519193.49	4881999.67	2	0	0	68.7	68.7	1	938.93	3.25	0	70.45	0	0.26	0	0	2.39	0	0	0	0	0	0	-4.43	-4.43
	INV TRANSFORMER	MV16T	519639.98	4882695.3	2	0	0	68.7	68.7	1	982.06	3.25	0	70.84	0	0.27	0	0	2.48	0	0	0	0	0	0	-4.92	-4.92
	INV TRANSFORMER	MV14T	519548.51	4882219.67	2	0	0	68.7	68.7	1	1045.88	3.25	0	71.39	0	0.29	0	0	2.61	0	0	0	0	0	0	-5.62	-5.62
	INV TRANSFORMER	MV10T	519382.94	4882009.67	2	0	0	68.7	68.7	1	1050.66	3.25	0	71.43	0	0.29	0	0	2.62	0	0	0	0	0	0	-5.67	-5.67
	INV TRANSFORMER	MV17T	519691.37	4882499.67	2	0	0	68.7	68.7	1	1066.01	3.25	0	71.56	0	0.3	0	0	2.65	0	0	0	0	0	0	-5.83	-5.83
	INV TRANSFORMER	MV15T	519559.49	4882054.55	2	0	0	68.7	68.7	1	1150.42	3.25	0	72.22	0	0.32	0	0	2.82	0	0	0	0	0	0	-6.68	-6.68
	INV TRANSFORMER	MV18T	519724.16	4882309.67	2	0	0	68.7	68.7	1	1159.74	3.25	0	72.29	0	0.32	0	0	2.84	0	0	0	0	0	0	-6.77	-6.77
	INV TRANSFORMER	MV47T	519833.6	4883248.41	2	0	0	68.7	68.7	1	1265.31	3.25	0	73.04	0	0.35	0	0	3.04	0	0	0	0	0	0	-7.76	-7.76
	INV TRANSFORMER	MV19T	519745.65	4882084.15	2	0	0	68.7	68.7	1	1284.91	3.25	0	73.18	0	0.35	0	0	3.08	0	0	0	0	0	0	-7.93	-7.93
mit. Value D/N:	0	0																								
Level D/N:	35.3692	35.3692																								

Receiver: Existing Noise Receptor
ID: R19
X: 518410
Y: 4882883
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	INVERTER	MV4	519089.82	4882595.21	2	0	0	100.3	100.3	1	738.23	3.25	0	68.36	0	-0.39	0	0	9.92	0	0	0	0	0	0	22.42	22.42
	INVERTER	MV1	518942.28	4882343.86	2	0	0	100.3	100.3	1	757.63	3.25	0	68.59	0	-0.38	0	0	10	0	0	0	0	0	0	22.1	22.1
	INVERTER	MV5	519126.62	4882383.86	2	0	0	100.3	100.3	1	873.32	3.25	0	69.82	0	-0.31	0	0	10.47	0	0	0	0	0	0	20.33	20.33
	INVERTER	MV8	519258.31	4882631.1	2	0	0	100.3	100.3	1	884.93	3.25	0	69.94	0	-0.3	0	0	10.51	0	0	0	0	0	0	20.17	20.17
	INVERTER	MV2	518973.41	4882163.86	2	0	0	100.3	100.3	1	913.56	3.25	0	70.21	0	-0.29	0	0	10.61	0	0	0	0	0	0	19.77	19.77
	INVERTER	MV9	519310.97	4882423.86	2	0	0	100.3	100.3	1	1011.22	3.25	0	71.1	0	-0.24	0	0	10.95	0	0	0	0	0	0	18.51	18.51
	INVERTER	MV6	519159.47	4882193.86	2	0	0	100.3	100.3	1	1018.14	3.25	0	71.16	0	-0.24	0	0	10.97	0	0	0	0	0	0	18.42	18.42
	INVERTER	MV12	519470.71	4882665.21	2	0	0	100.3	100.3	1	1082.85	3.25	0	71.69	0	-0.21	0	0	11.18	0	0	0	0	0	0	17.65	17.65
	INVERTER	MV13	519509.24	4882443.86	2	0	0	100.3	100.3	1	1183.71	3.25	0	72.46	0	-0.16	0	0	11.48	0	0	0	0	0	0	16.53	16.53
	INVERTER	MV7	519193.98	4881993.86	2	0	0	100.3	100.3	1	1185.41	3.25	0	72.48	0	-0.16	0	0	11.48	0	0	0	0	0	0	16.51	16.51
	INVERTER	MV16	519639.48	4882701.1	2	0	0	100.3	100.3	1	1242.87	3.25	0	72.89	0	-0.14	0	0	11.65	0	0	0	0	0	0	15.91	15.91
	INVERTER	MV10	519383.44	4882003.86	2	0	0	100.3	100.3	1	1311.67	3.25	0	73.36	0	-0.11	0	0	11.84	0	0	0	0	0	0	15.23	15.23
	INVERTER	MV14	519549.01	4882213.86	2	0	0	100.3	100.3	1	1321.02	3.25	0	73.42	0	-0.1	0	0	11.86	0	0	0	0	0	0	15.13	15.13
	INVERTER	MV17	519691.86	4882493.86	2	0	0	100.3	100.3	1	1339.63	3.25	0	73.54	0	-0.1	0	0	11.91	0	0	0	0	0	0	14.96	14.96
	INVERTER	MV11	519364.7	4882769.62	2	0	0	97.3	97.3	1	961.41	3.25	0	70.66	0	-0.27	0	0	10.78	0	0	0	0	0	0	16.14	16.14
	INVERTER	MV15	519559	4882060.35	2	0	0	100.3	100.3	1	1413.14	3.25	0	74	0	-0.07	0	0	12.1	0	0	0	0	0	0	14.27	14.27
	INVERTER	MV18	519724.65	4882303.86	2	0	0	100.3	100.3	1	1436.56	3.25	0	74.15	0	-0.06	0	0	12.16	0	0	0	0	0	0	14.06	14.06
	INVERTER	MV3	518997.61	4882023.86	2	0	0	97.3	97.3	1	1040.87	3.25	0	71.35	0	-0.23	0	0	11.04	0	0	0	0	0	0	15.15	15.15
	INVERTER	MV46	519569.31	4883250.26	2	0	0	97.3	97.3	1	1216.09	3.25	0	72.7	0	-0.15	0	0	11.57	0	0	0	0	0	0	13.19	13.19
	DSTATCOM UNIT	DSTAT	519479.25	4883282.56	2.5	0	0	96.6	96.6	1	1141.47	3.5	0	72.15	0	3	0	0	1.17	0	0	0	0	0	0	20.31	20.31
	SUBSTATION TRANSFORMER	TRS	519493.37	4883252.44	3.5	0	0	87.9	87.9	1	1144.63	4	0	72.17	0	-0.79	0	0	2.81	0	0	0	0	0	0	13.69	13.69
	INVERTER	MV47	519833.32	4883254.23	2	0	0	89.1	89.1	1	1470.94	3.25	0	74.35	0	0.79	0	0	7.16	0	0	0	0	0	0	6.76	6.76
	INVERTER	MV19	519745.15	4882089.95	2	0	0	89.1	89.1	1	1552.92	3.25	0	74.82	0	0.8	0	0	7.3	0	0	0	0	0	0	6.13	6.13
	LINE REACTOR	LR	519485	4883285	6.8	0	0	82	82	1	1147.71	5.65	0	72.2	0	-1.05	0	0	2.81	0	0	0	0	0	0	8.02	8.02
	INV TRANSFORMER	MV4T	519089.32	4882601.01	2	0	0	68.7	68.7	1	735.53	3.25	0	68.33	0	0.22	0	0	1.96	0	0	0	0	0	0	-1.83	-1.83
	INV TRANSFORMER	MV1T	518941.79	4882349.67	2	0	0	68.7	68.7	1	753.16	3.25	0	68.54	0	0.22	0	0	2	0	0	0	0	0	0	-2.08	-2.08
	INV TRANSFORMER	MV5T	519126.12	4882389.67	2	0	0	68.7	68.7	1	869.6	3.25	0	69.79	0	0.25	0	0	2.25	0	0	0	0	0	0	-3.61	-3.61
	INV TRANSFORMER	MV11T	519370.5	4882770.13	2	0	0	69.6	69.6	1	967.11	3.25	0	70.71	0	0.27	0	0	2.45	0	0	0	0	0	0	-3.86	-3.86
	INV TRANSFORMER	MV8T	519258.81	4882625.3	2	0	0	68.7	68.7	1	887.07	3.25	0	69.96	0	0.25	0	0	2.29	0	0	0	0	0	0	-3.82	-3.82
	INV TRANSFORMER	MV2T	518972.91	4882169.67	2	0	0	68.7	68.7	1	908.69	3.25	0	70.17	0	0.26	0	0	2.33	0	0	0	0	0	0	-4.08	-4.08
	INV TRANSFORMER	MV3T	518997.12	4882029.67	2	0	0	69.6	69.6	1	1035.8	3.25	0	71.31	0	0.29	0	0	2.59	0	0	0	0	0	0	-4.61	-4.61
	INV TRANSFORMER	MV9T	519310.48	4882429.67	2	0	0	68.7	68.7	1	1008.15	3.25	0	71.07	0	0.28	0	0	2.54	0	0	0	0	0	0	-5.21	-5.21
	INV TRANSFORMER	MV6T	519158.97	4882199.67	2	0	0	68.7	68.7	1	1013.86	3.25	0	71.12	0	0.28	0	0	2.55	0	0	0	0	0	0	-5.27	-5.27
	INV TRANSFORMER	MV12T	519470.22	4882671.01	2	0	0	68.7	68.7	1	1081.21	3.25	0	71.68	0	0.3	0	0	2.68	0	0	0	0	0	0	-5.98	-5.98
	INV TRANSFORMER	MV46T	519569.03	4883256.08	2	0	0	69.6	69.6	1	1217.6	3.25	0	72.71	0	0.34	0	0	2.95	0	0	0	0	0	0	-6.42	-6.42
	INV TRANSFORMER	MV7T	519193.49	4881999.67	2	0	0	68.7	68.7	1	1180.74	3.25	0	72.44	0	0.33	0	0	2.88	0	0	0	0	0	0	-6.97	-6.97
	INV TRANSFORMER	MV13T	519508.74	4882449.67	2	0	0	68.7	68.7	1	1181.11	3.25	0	72.45	0	0.33	0	0	2.88	0	0	0	0	0	0	-6.98	-6.98
	INV TRANSFORMER	MV16T	519639.98	4882695.3	2	0	0	68.7	68.7	1	1244.22	3.25	0	72.9	0	0.34	0	0	3	0	0	0	0	0	0	-7.57	-7.57
	INV TRANSFORMER	MV10T	519382.94	4882009.67	2	0	0	68.7	68.7	1	1307.42	3.25	0	73.33	0	0.36	0	0	3.12	0	0	0	0	0	0	-8.13	-8.13
	INV TRANSFORMER	MV14T	519548.51	4882219.67	2	0	0	68.7	68.7	1	1317.66	3.25	0	73.4	0	0.36	0	0	3.14	0	0	0	0	0	0	-8.22	-8.22
	INV TRANSFORMER	MV17T	519691.37	4882499.67	2	0	0	68.7	68.7	1	1337.48	3.25	0	73.53	0	0.37	0	0	3.18	0	0	0	0	0	0	-8.4	-8.4
	INV TRANSFORMER	MV15T	519559.49	4882054.55	2	0	0	68.7	68.7	1	1416.93	3.25	0	74.03	0	0.39	0	0	3.33	0	0	0	0	0	0	-9.07	-9.07
	INV TRANSFORMER	MV18T	519724.16	4882309.67	2	0	0	68.7	68.7	1	1433.78	3.25	0	74.13	0	0.39	0	0	3.36	0	0	0	0	0	0	-9.21	-9.21
	INV TRANSFORMER	MV47T	519833.6	4883248.41	2	0	0	68.7	68.7	1	1469.75	3.25	0	74.34	0	0.4	0	0	3.43	0	0	0	0	0	0	-9.5	-9.5
	INV TRANSFORMER	MV19T	519745.65	4882084.15	2	0	0	68.7	68.7	1	1556.32	3.25	0	74.84	0	0.42	0	0	3.59	0	0	0	0	0	0	-10.18	-10.18
mit. Value D/N:	0	0																									
Level D/N:	31.3573	31.3573																									

Receiver: Existing Noise Receptor
ID: R20
X: 520335
Y: 4882026
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	INVERTER	MV18	519724.65	4882303.86	2	0	0	100.3	100.3	1	670.62	3.25	0	67.53	0	-0.43	0	0	9.59	0	0	0	0	0	0	23.62	23.62
	INVERTER	MV15	519559	4882060.35	2	0	0	100.3	100.3	1	776.77	3.25	0	68.81	0	-0.36	0	0	10.08	0	0	0	0	0	0	21.79	21.79
	INVERTER	MV17	519691.86	4882493.86	2	0	0	100.3	100.3	1	795.31	3.25	0	69.01	0	-0.35	0	0	10.16	0	0	0	0	0	0	21.49	21.49
	INVERTER	MV14	519549.01	4882213.86	2	0	0	100.3	100.3	1	808.14	3.25	0	69.15	0	-0.35	0	0	10.21	0	0	0	0	0	0	21.3	21.3
	INVERTER	MV13	519509.24	4882443.86	2	0	0	100.3	100.3	1	925.47	3.25	0	70.33	0	-0.28	0	0	10.66	0	0	0	0	0	0	19.61	19.61
	INVERTER	MV10	519383.44	4882003.86	2	0	0	100.3	100.3	1	951.82	3.25	0	70.57	0	-0.27	0	0	10.75	0	0	0	0	0	0	19.26	19.26
	INVERTER	MV16	519639.48	4882701.1	2	0	0	100.3	100.3	1	969.29	3.25	0	70.73	0	-0.26	0	0	10.81	0	0	0	0	0	0	19.04	19.04
	INVERTER	MV12	519470.71	4882665.21	2	0	0	100.3	100.3	1	1074.98	3.25	0	71.63	0	-0.21	0	0	11.15	0	0	0	0	0	0	17.74	17.74
	INVERTER	MV9	519310.97	4882423.86	2	0	0	100.3	100.3	1	1098.61	3.25	0	71.82	0	-0.2	0	0	11.22	0	0	0	0	0	0	17.47	17.47
	INVERTER	MV7	519193.98	4881993.86	2	0	0	100.3	100.3	1	1141.47	3.25	0	72.15	0	-0.18	0	0	11.35	0	0	0	0	0	0	16.99	16.99
	INVERTER	MV6	519159.47	4882193.86	2	0	0	100.3	100.3	1	1187.46	3.25	0	72.49	0	-0.16	0	0	11.49	0	0	0	0	0	0	16.49	16.49
	INVERTER	MV8	519258.31	4882631.1	2	0	0	100.3	100.3	1	1235.08	3.25	0	72.83	0	-0.14	0	0	11.63	0	0	0	0	0	0	15.99	15.99
	INVERTER	MV5	519126.62	4882383.86	2	0	0	100.3	100.3	1	1260.26	3.25	0	73.01	0	-0.13	0	0	11.7	0	0	0	0	0	0	15.74	15.74
	INVERTER	MV25	521036.94	4883166.75	2	0	0	100.3	100.3	1	1339.42	3.25	0	73.54	0	-0.1	0	0	11.91	0	0	0	0	0	0	14.96	14.96

INVERTER	MV2	518973.41	4882163.86	2	0	0	100.3	100.3	1	1368.56	3.25	0	73.73	0	-0.08	0	0	11.99	0	0	0	0	0	0	14.68	14.68
INVERTER	MV4	519089.82	4882595.21	2	0	0	100.3	100.3	1	1369.12	3.25	0	73.73	0	-0.08	0	0	11.99	0	0	0	0	0	0	14.68	14.68
INVERTER	MV1	518942.28	4882343.86	2	0	0	100.3	100.3	1	1428.53	3.25	0	74.1	0	-0.06	0	0	12.14	0	0	0	0	0	0	14.13	14.13
INVERTER	MV29	521223.2	4883196.75	2	0	0	100.3	100.3	1	1469.55	3.25	0	74.34	0	-0.04	0	0	12.25	0	0	0	0	0	0	13.76	13.76
INVERTER	MV24	521002.3	4883366.75	2	0	0	100.3	100.3	1	1497.64	3.25	0	74.51	0	-0.03	0	0	12.32	0	0	0	0	0	0	13.52	13.52
INVERTER	MV21	520786.65	4883506.75	2	0	0	100.3	100.3	1	1548.11	3.25	0	74.8	0	-0.02	0	0	12.44	0	0	0	0	0	0	13.09	13.09
INVERTER	MV28	521190.35	4883386.75	2	0	0	100.3	100.3	1	1607.26	3.25	0	75.12	0	0.01	0	0	12.59	0	0	0	0	0	0	12.6	12.6
INVERTER	MV23	520969.51	4883556.75	2	0	0	100.3	100.3	1	1657.05	3.25	0	75.39	0	0.02	0	0	12.7	0	0	0	0	0	0	12.2	12.2
INVERTER	MV11	519364.7	4882769.62	2	0	0	97.3	97.3	1	1222.48	3.25	0	72.74	0	-0.14	0	0	11.59	0	0	0	0	0	0	13.12	13.12
INVERTER	MV20	520751.73	4883708.75	2	0	0	100.3	100.3	1	1733.59	3.25	0	75.78	0	0.05	0	0	12.88	0	0	0	0	0	0	11.61	11.61
INVERTER	MV27	521154.04	4883596.75	2	0	0	100.3	100.3	1	1771.47	3.25	0	75.97	0	0.06	0	0	12.97	0	0	0	0	0	0	11.32	11.32
INVERTER	MV22	520936.62	4883746.98	2	0	0	100.3	100.3	1	1823.11	3.25	0	76.22	0	0.08	0	0	13.08	0	0	0	0	0	0	10.94	10.94
INVERTER	MV31	521375.47	4883526.75	2	0	0	100.3	100.3	1	1826.15	3.25	0	76.23	0	0.08	0	0	13.09	0	0	0	0	0	0	10.92	10.92
INVERTER	MV3	518997.61	4882023.86	2	0	0	97.3	97.3	1	1337.39	3.25	0	73.53	0	-0.1	0	0	11.91	0	0	0	0	0	0	11.98	11.98
INVERTER	MV33	521543.7	4883556.75	2	0	0	100.3	100.3	1	1950.43	3.25	0	76.8	0	0.11	0	0	13.36	0	0	0	0	0	0	10.04	10.04
INVERTER	MV46	519569.31	4883250.26	2	0	0	97.3	97.3	1	1443.99	3.25	0	74.19	0	-0.05	0	0	12.18	0	0	0	0	0	0	10.99	10.99
INVERTER	MV19	519745.15	4882089.95	2	0	0	89.1	89.1	1	593.31	3.25	0	66.47	0	0.57	0	0	5.43	0	0	0	0	0	0	16.59	16.59
DSTATCOM UNIT	DSTAT	519479.25	4883282.56	2.5	0	0	96.6	96.6	1	1520.28	3.5	0	74.64	0	3.12	0	0	1.42	0	0	0	0	0	0	17.46	17.46
INVERTER	MV26	521131.56	4883726.75	2	0	0	97.3	97.3	1	1878.05	3.25	0	76.47	0	0.09	0	0	13.2	0	0	0	0	0	0	7.54	7.54
INVERTER	MV30	521351.26	4883666.75	2	0	0	97.3	97.3	1	1929.99	3.25	0	76.71	0	0.11	0	0	13.31	0	0	0	0	0	0	7.18	7.18
INVERTER	MV47	519833.32	4883254.23	2	0	0	89.1	89.1	1	1326.74	3.25	0	73.46	0	0.75	0	0	6.91	0	0	0	0	0	0	7.94	7.94
SUBSTATION TRANSFORMER	TRS	519493.37	4883252.44	3.5	0	0	87.9	87.9	1	1487.45	4	0	74.45	0	-0.75	0	0	3.46	0	0	0	0	0	0	10.72	10.72
LINE REACTOR	LR	519485	4883285	6.8	0	0	82	82	1	1519.07	5.65	0	74.63	0	-1.07	0	0	3.52	0	0	0	0	0	0	4.89	4.89
INV TRANSFORMER	MV19T	519745.65	4882084.15	2	0	0	68.7	68.7	1	592.22	3.25	0	66.45	0	0.19	0	0	1.64	0	0	0	0	0	0	0.39	0.39
INV TRANSFORMER	MV18T	519724.16	4882309.67	2	0	0	68.7	68.7	1	673.5	3.25	0	67.57	0	0.2	0	0	1.83	0	0	0	0	0	0	-0.92	-0.92
INV TRANSFORMER	MV15T	519559.49	4882054.55	2	0	0	68.7	68.7	1	776.03	3.25	0	68.8	0	0.22	0	0	2.05	0	0	0	0	0	0	-2.4	-2.4
INV TRANSFORMER	MV17T	519691.37	4882499.67	2	0	0	68.7	68.7	1	799.14	3.25	0	69.05	0	0.23	0	0	2.1	0	0	0	0	0	0	-2.71	-2.71
INV TRANSFORMER	MV14T	519548.51	4882219.67	2	0	0	68.7	68.7	1	809.99	3.25	0	69.17	0	0.23	0	0	2.12	0	0	0	0	0	0	-2.85	-2.85
INV TRANSFORMER	MV13T	519508.74	4882449.67	2	0	0	68.7	68.7	1	928.55	3.25	0	70.36	0	0.26	0	0	2.37	0	0	0	0	0	0	-4.31	-4.31
INV TRANSFORMER	MV10T	519382.94	4882009.67	2	0	0	68.7	68.7	1	952.2	3.25	0	70.57	0	0.27	0	0	2.42	0	0	0	0	0	0	-4.59	-4.59
INV TRANSFORMER	MV16T	519639.98	4882695.3	2	0	0	68.7	68.7	1	964.89	3.25	0	70.69	0	0.27	0	0	2.45	0	0	0	0	0	0	-4.73	-4.73
INV TRANSFORMER	MV12T	519470.22	4882671.01	2	0	0	68.7	68.7	1	1078.84	3.25	0	71.66	0	0.3	0	0	2.68	0	0	0	0	0	0	-5.96	-5.96
INV TRANSFORMER	MV11T	519370.5	4882770.13	2	0	0	69.6	69.6	1	1218.2	3.25	0	72.71	0	0.34	0	0	2.95	0	0	0	0	0	0	-6.43	-6.43
INV TRANSFORMER	MV9T	519310.48	4882429.67	2	0	0	68.7	68.7	1	1101.18	3.25	0	71.84	0	0.31	0	0	2.72	0	0	0	0	0	0	-6.19	-6.19
INV TRANSFORMER	MV7T	519193.49	4881999.67	2	0	0	68.7	68.7	1	1141.82	3.25	0	72.15	0	0.32	0	0	2.8	0	0	0	0	0	0	-6.59	-6.59
INV TRANSFORMER	MV6T	519158.97	4882199.67	2	0	0	68.7	68.7	1	1188.78	3.25	0	72.5	0	0.33	0	0	2.9	0	0	0	0	0	0	-7.05	-7.05
INV TRANSFORMER	MV3T	518997.12	4882029.67	2	0	0	69.6	69.6	1	1337.89	3.25	0	73.53	0	0.37	0	0	3.18	0	0	0	0	0	0	-7.5	-7.5
INV TRANSFORMER	MV8T	519258.81	4882625.3	2	0	0	68.7	68.7	1	1231.81	3.25	0	72.81	0	0.34	0	0	2.98	0	0	0	0	0	0	-7.45	-7.45
INV TRANSFORMER	MV5T	519126.12	4882389.67	2	0	0	68.7	68.7	1	1262.4	3.25	0	73.02	0	0.35	0	0	3.04	0	0	0	0	0	0	-7.73	-7.73
INV TRANSFORMER	MV46T	519569.03	4883256.08	2	0	0	69.6	69.6	1	1449.07	3.25	0	74.22	0	0.4	0	0	3.39	0	0	0	0	0	0	-8.43	-8.43
INV TRANSFORMER	MV47T	519833.6	4883248.41	2	0	0	68.7	68.7	1	1321.25	3.25	0	73.42	0	0.36	0	0	3.15	0	0	0	0	0	0	-8.26	-8.26
INV TRANSFORMER	MV25T	521036.45	4883172.56	2	0	0	68.7	68.7	1	1344.11	3.25	0	73.57	0	0.37	0	0	3.19	0	0	0	0	0	0	-8.45	-8.45
INV TRANSFORMER	MV2T	518972.91	4882169.67	2	0	0	68.7	68.7	1	1369.65	3.25	0	73.73	0	0.38	0	0	3.24	0	0	0	0	0	0	-8.67	-8.67
INV TRANSFORMER	MV4T	519089.32	4882601.01	2	0	0	68.7	68.7	1	1371.99	3.25	0	73.75	0	0.38	0	0	3.25	0	0	0	0	0	0	-8.69	-8.69
INV TRANSFORMER	MV1T	518941.79	4882349.67	2	0	0	68.7	68.7	1	1430.32	3.25	0	74.11	0	0.39	0	0	3.36	0	0	0	0	0	0	-9.18	-9.18
INV TRANSFORMER	MV29T	521222.7	4883202.56	2	0	0	68.7	68.7	1	1473.88	3.25	0	74.37	0	0.4	0	0	3.44	0	0	0	0	0	0	-9.53	-9.53
INV TRANSFORMER	MV24T	521001.8	4883372.56	2	0	0	68.7	68.7	1	1502.62	3.25	0	74.54	0	0.41	0	0	3.49	0	0	0	0	0	0	-9.76	-9.76
INV TRANSFORMER	MV21T	520786.16	4883512.56	2	0	0	68.7	68.7	1	1553.51	3.25	0	74.83	0	0.42	0	0	3.58	0	0	0	0	0	0	-10.16	-10.16
INV TRANSFORMER	MV28T	521189.85	4883392.56	2	0	0	68.7	68.7	1	1611.91	3.25	0	75.15	0	0.44	0	0	3.69	0	0	0	0	0	0	-10.6	-10.6
INV TRANSFORMER	MV23T	520969.02	4883562.56	2	0	0	68.7	68.7	1	1662.23	3.25	0	75.41	0	0.45	0	0	3.78	0	0	0	0	0	0	-10.97	-10.97
INV TRANSFORMER	MV26T	521131.06	4883732.56	2	0	0	69.6	69.6	1	1883.1	3.25	0	76.5	0	0.51	0	0	4.17	0	0	0	0	0	0	-11.6	-11.6
INV TRANSFORMER	MV20T	520751.23	4883714.56	2	0	0	68.7	68.7	1	1739.1	3.25	0	75.81	0	0.47	0	0	3.91	0	0	0	0	0	0	-11.52	-11.52
INV TRANSFORMER	MV30T	521350.76	4883672.56	2	0	0	69.6	69.6	1	1934.67	3.25	0	76.73	0	0.53	0	0	4.26	0	0	0	0	0	0	-11.94	-11.94
INV TRANSFORMER	MV27T	521153.54	4883602.56	2	0	0	68.7	68.7	1	1776.39	3.25	0	75.99	0	0.48	0	0	3.98	0	0	0	0	0	0	-11.78	-11.78
INV TRANSFORMER	MV22T	520936.13	4883752.78	2	0	0	68.7	68.7	1	1828.42	3.25	0	76.24	0	0.5	0	0	4.07	0	0	0	0	0	0	-12.13	-12.13
INV TRANSFORMER	MV31T	521374.97	4883532.56	2	0	0	68.7	68.7	1	1830.65	3.25	0	76.25	0	0.5	0	0	4.08	0	0	0	0	0	0	-12.15	-12.15
INV TRANSFORMER	MV33T	521543.21	4883562.56	2	0	0	68.7	68.7	1	1954.68	3.25	0	76.82	0	0.53	0	0	4.29	0	0	0	0	0	0	-12.97	-12.97

mit. Value D/N: 0 0

Level D/N: 32.2279 32.2279

Receiver: Existing Noise Receptor

ID: R21

X: 520115

Y: 4882572

Z: 4.5

Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	INVERTER	MV17	519691.86	4882493.86	2	0	0	100.3	100.3	1	430.3	3.25	0	63.68	0	-0.6	0	0	7.93	0	0	0	0	0	0	29.31	29.31
	INVERTER	MV18	519724.65	4882303.86	2	0	0	100.3	100.3	1	473.58	3.25	0	64.51	0	-0.57	0	0	8.31	0	0	0	0	0	0	28.06	28.06
	INVERTER	MV16	519639.48	4882701.1	2	0	0	100.3	100.3	1	492.74	3.25	0	64.85	0	-0.56	0	0	8.47	0	0	0	0	0	0	27.55	27.55
	INVERTER	MV13	519509.24	4882443.86	2	0	0	100.3	100.3	1	619.17	3.25	0	66.84	0	-0.46	0	0	9.32	0	0	0	0	0	0	24.63	24.63

INVERTER	MV12	519470.71	4882665.21	2	0	0	100.3	100.3	1	651	3.25	0	67.27	0	-0.44	0	0	9.49	0	0	0	0	0	0	23.99	23.99
INVERTER	MV14	519549.01	4882213.86	2	0	0	100.3	100.3	1	669.79	3.25	0	67.52	0	-0.43	0	0	9.59	0	0	0	0	0	0	23.64	23.64
INVERTER	MV15	519559	4882060.35	2	0	0	100.3	100.3	1	755.6	3.25	0	68.57	0	-0.38	0	0	9.99	0	0	0	0	0	0	22.13	22.13
INVERTER	MV9	519310.97	4882423.86	2	0	0	100.3	100.3	1	817.56	3.25	0	69.25	0	-0.34	0	0	10.25	0	0	0	0	0	0	21.15	21.15
INVERTER	MV8	519258.31	4882631.1	2	0	0	100.3	100.3	1	858.73	3.25	0	69.68	0	-0.32	0	0	10.41	0	0	0	0	0	0	20.54	20.54
INVERTER	MV10	519383.44	4882003.86	2	0	0	100.3	100.3	1	926.26	3.25	0	70.33	0	-0.28	0	0	10.66	0	0	0	0	0	0	19.6	19.6
INVERTER	MV5	519126.62	4882383.86	2	0	0	100.3	100.3	1	1006.13	3.25	0	71.05	0	-0.24	0	0	10.93	0	0	0	0	0	0	18.57	18.57
INVERTER	MV4	519089.82	4882595.21	2	0	0	100.3	100.3	1	1025.45	3.25	0	71.22	0	-0.23	0	0	10.99	0	0	0	0	0	0	18.33	18.33
INVERTER	MV6	519159.47	4882193.86	2	0	0	100.3	100.3	1	1027.64	3.25	0	71.24	0	-0.23	0	0	11	0	0	0	0	0	0	18.31	18.31
INVERTER	MV7	519193.98	4881993.86	2	0	0	100.3	100.3	1	1087.44	3.25	0	71.73	0	-0.2	0	0	11.19	0	0	0	0	0	0	17.6	17.6
INVERTER	MV11	519364.7	4882769.62	2	0	0	97.3	97.3	1	775.9	3.25	0	68.8	0	-0.37	0	0	10.08	0	0	0	0	0	0	18.8	18.8
INVERTER	MV25	521036.94	4883166.75	2	0	0	100.3	100.3	1	1097.14	3.25	0	71.81	0	-0.2	0	0	11.22	0	0	0	0	0	0	17.49	17.49
INVERTER	MV21	520786.65	4883506.75	2	0	0	100.3	100.3	1	1151.04	3.25	0	72.22	0	-0.18	0	0	11.38	0	0	0	0	0	0	16.88	16.88
INVERTER	MV24	521002.3	4883366.75	2	0	0	100.3	100.3	1	1191.19	3.25	0	72.52	0	-0.16	0	0	11.5	0	0	0	0	0	0	16.45	16.45
INVERTER	MV1	518942.28	4882343.86	2	0	0	100.3	100.3	1	1194.7	3.25	0	72.55	0	-0.16	0	0	11.51	0	0	0	0	0	0	16.41	16.41
INVERTER	MV2	518973.41	4882163.86	2	0	0	100.3	100.3	1	1212.36	3.25	0	72.67	0	-0.15	0	0	11.56	0	0	0	0	0	0	16.23	16.23
INVERTER	MV46	519569.31	4883250.26	2	0	0	97.3	97.3	1	870.53	3.25	0	69.8	0	-0.31	0	0	10.46	0	0	0	0	0	0	17.37	17.37
INVERTER	MV29	521223.2	4883196.75	2	0	0	100.3	100.3	1	1272.17	3.25	0	73.09	0	-0.12	0	0	11.73	0	0	0	0	0	0	15.62	15.62
INVERTER	MV20	520751.73	4883708.75	2	0	0	100.3	100.3	1	1302.93	3.25	0	73.3	0	-0.11	0	0	11.81	0	0	0	0	0	0	15.31	15.31
INVERTER	MV23	520969.51	4883556.75	2	0	0	100.3	100.3	1	1303.82	3.25	0	73.3	0	-0.11	0	0	11.82	0	0	0	0	0	0	15.3	15.3
INVERTER	MV28	521190.35	4883386.75	2	0	0	100.3	100.3	1	1349.15	3.25	0	73.6	0	-0.09	0	0	11.94	0	0	0	0	0	0	14.87	14.87
INVERTER	MV22	520936.62	4883746.98	2	0	0	100.3	100.3	1	1433.75	3.25	0	74.13	0	-0.06	0	0	12.16	0	0	0	0	0	0	14.08	14.08
DSTATCOM UNIT	DSTAT	519479.25	4883282.56	2.5	0	0	96.6	96.6	1	953.45	3.5	0	70.59	0	2.88	0	0	1.04	0	0	0	0	0	0	22.12	22.12
INVERTER	MV27	521154.04	4883596.75	2	0	0	100.3	100.3	1	1459.36	3.25	0	74.28	0	-0.05	0	0	12.22	0	0	0	0	0	0	13.85	13.85
INVERTER	MV31	521375.47	4883526.75	2	0	0	100.3	100.3	1	1581.25	3.25	0	74.98	0	0	0	0	12.52	0	0	0	0	0	0	12.81	12.81
INVERTER	MV33	521543.7	4883556.75	2	0	0	100.3	100.3	1	1735.21	3.25	0	75.79	0	0.05	0	0	12.88	0	0	0	0	0	0	11.59	11.59
INVERTER	MV3	518997.61	4882023.86	2	0	0	97.3	97.3	1	1244.59	3.25	0	72.9	0	-0.13	0	0	11.65	0	0	0	0	0	0	12.89	12.89
INVERTER	MV35	521726.44	4883606.75	2	0	0	100.3	100.3	1	1915.06	3.25	0	76.64	0	0.1	0	0	13.28	0	0	0	0	0	0	10.28	10.28
INVERTER	MV26	521131.56	4883726.75	2	0	0	97.3	97.3	1	1538.46	3.25	0	74.74	0	-0.02	0	0	12.42	0	0	0	0	0	0	10.17	10.17
INVERTER	MV19	519745.15	4882089.95	2	0	0	89.1	89.1	1	607.59	3.25	0	66.67	0	0.58	0	0	5.47	0	0	0	0	0	0	16.34	16.34
INVERTER	MV30	521351.26	4883666.75	2	0	0	97.3	97.3	1	1651.31	3.25	0	75.36	0	0.02	0	0	12.69	0	0	0	0	0	0	9.25	9.25
INVERTER	MV32	521521.23	4883686.75	2	0	0	97.3	97.3	1	1794.48	3.25	0	76.08	0	0.07	0	0	13.02	0	0	0	0	0	0	8.15	8.15
INVERTER	MV47	519833.32	4883254.23	2	0	0	89.1	89.1	1	738.1	3.25	0	68.36	0	0.62	0	0	5.79	0	0	0	0	0	0	14.29	14.29
SUBSTATION TRANSFORMER	TRS	519493.37	4883252.44	3.5	0	0	87.9	87.9	1	921.64	4	0	70.29	0	-0.8	0	0	2.36	0	0	0	0	0	0	16.03	16.03
LINE REACTOR	LR	519485	4883285	6.8	0	0	82	82	1	951.46	5.65	0	70.57	0	-1.03	0	0	2.42	0	0	0	0	0	0	10.02	10.02
INVERTER	MV40	520573.85	4884258.92	2	0	0	86.1	86.1	1	1748.21	3.25	0	75.85	0	0.85	0	0	7.63	0	0	0	0	0	0	1.73	1.73
INV TRANSFORMER	MV17T	519691.37	4882499.67	2	0	0	68.7	68.7	1	429.77	3.25	0	63.66	0	0.2	0	0	1.26	0	0	0	0	0	0	3.55	3.55
INV TRANSFORMER	MV18T	519724.16	4882309.67	2	0	0	68.7	68.7	1	470.73	3.25	0	64.46	0	0.19	0	0	1.36	0	0	0	0	0	0	2.67	2.67
INV TRANSFORMER	MV16T	519639.98	4882695.3	2	0	0	68.7	68.7	1	490.77	3.25	0	64.82	0	0.19	0	0	1.41	0	0	0	0	0	0	2.26	2.26
INV TRANSFORMER	MV19T	519745.65	4882084.15	2	0	0	68.7	68.7	1	611.9	3.25	0	66.73	0	0.19	0	0	1.69	0	0	0	0	0	0	0.06	0.06
INV TRANSFORMER	MV13T	519508.74	4882449.67	2	0	0	68.7	68.7	1	618.48	3.25	0	66.83	0	0.19	0	0	1.7	0	0	0	0	0	0	-0.05	-0.05
INV TRANSFORMER	MV12T	519470.22	4882671.01	2	0	0	68.7	68.7	1	652.34	3.25	0	67.29	0	0.2	0	0	1.78	0	0	0	0	0	0	-0.59	-0.59
INV TRANSFORMER	MV14T	519548.51	4882219.67	2	0	0	68.7	68.7	1	667.12	3.25	0	67.48	0	0.2	0	0	1.81	0	0	0	0	0	0	-0.82	-0.82
INV TRANSFORMER	MV11T	519370.5	4882770.13	2	0	0	69.6	69.6	1	770.42	3.25	0	68.73	0	0.22	0	0	2.04	0	0	0	0	0	0	-1.42	-1.42
INV TRANSFORMER	MV47T	519833.6	4883248.41	2	0	0	68.7	68.7	1	732.62	3.25	0	68.3	0	0.21	0	0	1.96	0	0	0	0	0	0	-1.79	-1.79
INV TRANSFORMER	MV15T	519559.49	4882054.55	2	0	0	68.7	68.7	1	759.18	3.25	0	68.61	0	0.22	0	0	2.02	0	0	0	0	0	0	-2.17	-2.17
INV TRANSFORMER	MV46T	519569.03	4883256.08	2	0	0	69.6	69.6	1	875.24	3.25	0	69.84	0	0.25	0	0	2.26	0	0	0	0	0	0	-2.78	-2.78
INV TRANSFORMER	MV9T	519310.48	4882429.67	2	0	0	68.7	68.7	1	817.02	3.25	0	69.24	0	0.23	0	0	2.14	0	0	0	0	0	0	-2.94	-2.94
INV TRANSFORMER	MV8T	519258.81	4882625.3	2	0	0	68.7	68.7	1	857.85	3.25	0	69.67	0	0.24	0	0	2.23	0	0	0	0	0	0	-3.46	-3.46
INV TRANSFORMER	MV10T	519382.94	4882009.67	2	0	0	68.7	68.7	1	923.11	3.25	0	70.31	0	0.26	0	0	2.36	0	0	0	0	0	0	-4.25	-4.25
INV TRANSFORMER	MV5T	519126.12	4882389.67	2	0	0	68.7	68.7	1	1005.55	3.25	0	71.05	0	0.28	0	0	2.53	0	0	0	0	0	0	-5.18	-5.18
INV TRANSFORMER	MV6T	519158.97	4882199.67	2	0	0	68.7	68.7	1	1025.98	3.25	0	71.22	0	0.29	0	0	2.57	0	0	0	0	0	0	-5.4	-5.4
INV TRANSFORMER	MV4T	519089.32	4882601.01	2	0	0	68.7	68.7	1	1026.09	3.25	0	71.22	0	0.29	0	0	2.57	0	0	0	0	0	0	-5.41	-5.41
INV TRANSFORMER	MV7T	519193.49	4881999.67	2	0	0	68.7	68.7	1	1084.78	3.25	0	71.71	0	0.3	0	0	2.69	0	0	0	0	0	0	-6.02	-6.02
INV TRANSFORMER	MV25T	521036.45	4883172.56	2	0	0	68.7	68.7	1	1099.88	3.25	0	71.83	0	0.3	0	0	2.72	0	0	0	0	0	0	-6.18	-6.18
INV TRANSFORMER	MV3T	518997.12	4882029.67	2	0	0	69.6	69.6	1	1242.49	3.25	0	72.89	0	0.34	0	0	3	0	0	0	0	0	0	-6.65	-6.65
INV TRANSFORMER	MV21T	520786.16	4883512.56	2	0	0	68.7	68.7	1	1155.47	3.25	0	72.26	0	0.32	0	0	2.83	0	0	0	0	0	0	-6.73	-6.73
INV TRANSFORMER	MV1T	518941.79	4882349.67	2	0	0	68.7	68.7	1	1194.09	3.25	0	72.54	0	0.33	0	0	2.91	0	0	0	0	0	0	-7.1	-7.1
INV TRANSFORMER	MV24T	521001.8	4883372.56	2	0	0	68.7	68.7	1	1194.71	3.25	0	72.55	0	0.33	0	0	2.91	0	0	0	0	0	0	-7.1	-7.1
INV TRANSFORMER	MV2T	518972.91	4882169.67	2	0	0	68.7	68.7	1	1210.89	3.25	0	72.66	0	0.33	0	0	2.94	0	0	0	0	0	0	-7.26	-7.26
INV TRANSFORMER	MV29T	521222.7	4883202.56	2	0	0	68.7	68.7	1	1274.6	3.25	0	73.11	0	0.35	0	0	3.06	0	0	0	0	0	0	-7.84	-7.84
INV TRANSFORMER	MV20T	520751.23	4883714.56	2	0	0	68.7	68.7	1	1307.76	3.25	0	73.33	0	0.36	0	0	3.12	0	0	0	0	0	0	-8.14	-8.14
INV TRANSFORMER	MV23T	520969.02	4883562.56	2	0	0	68.7	68.7	1	1307.88	3.25	0	73.33	0	0.36	0	0	3.12	0	0	0	0	0	0	-8.14	-8.14
INV TRANSFORMER	MV28T	521189.85	4883392.56	2	0	0	68.7	68.7	1	1352.27	3.25	0	73.62	0	0.37	0	0	3.21	0	0	0	0	0	0	-8.52	-8.52
INV TRANSFORMER	MV26T	521131.06	4883732.56	2	0	0	69.6	69.6	1	1542.49	3.25	0	74.76	0	0.42	0	0	3.56	0	0	0	0	0	0	-9.17	-9.17
INV TRANSFORMER	MV22T	520936.13	4883752.78	2	0	0	68.7	68.7	1	1438.23	3.25	0	74.16	0	0.39	0	0	3.37	0	0	0	0	0	0	-9.24	-9.24
INV TRANSFORMER	MV27T	521153.54	4883602.56	2	0	0	68.7	68.7	1	1463.09	3.25	0	74.31	0	0.4	0	0	3.42	0	0	0	0	0	0	-9.44	-9.44
INV TRANSFORMER	MV30T	521350.76	4883672.56	2	0	0	69.6	69.6	1	1654.8	3.25	0	75.37	0	0.45	0	0	3.76	0	0	0	0	0	0	-10.01	-10.01
INV TRANSFORMER	MV40T	520573.54	4884264.74	2	0	0	69.6	69.6	1	1753.74	3.25	0	75.88	0	0.48	0	0	3.94	0	0	0	0	0	0	-10.72	-10.72
INV TRANSFORMER	MV31T	521374.97	4883532.56	2	0	0	68.7	68.7	1	1584.36	3.25	0	75	0	0.43	0	0	3.64	0	0	0	0	0	0	-10.39	-10.39
INV TRANSFORMER	MV32T	521520.73	4883692.56	2	0	0	69.6	69.6	1	1797.7	3.25	0	76.09	0	0.49	0	0	4.02	0	0	0	0	0	0	-11.02	-11.02
INV TRANSFORMER	MV33T	521543.21	4883562.56	2	0	0	68.7	68.7	1	1738.1	3.25	0	75.8	0	0.47	0	0	3.91	0	0	0	0	0	0	-11.51	-11.51

	INV TRANSFORMER	MV35T	521725.94	4883612.56	2	0	0	68.7	68.7	1	1917.78	3.25	0	76.66	0	0.52	0	0	4.23	0	0	0	0	0	0	-12.73	-12.73
mit. Value D/N:	0	0																								
Level D/N:	36.569	36.569																								

Receiver: Existing Noise Receptor
ID: R22
X: 520087
Y: 4881714
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	INVERTER	MV15	519559	4882060.35	2	0	0	100.3	100.3	1	631.47	3.25	0	67.01	0	-0.46	0	0	9.38	0	0	0	0	0	0	24.38	24.38
	INVERTER	MV18	519724.65	4882303.86	2	0	0	100.3	100.3	1	692.27	3.25	0	67.81	0	-0.42	0	0	9.7	0	0	0	0	0	0	23.22	23.22
	INVERTER	MV14	519549.01	4882213.86	2	0	0	100.3	100.3	1	734.38	3.25	0	68.32	0	-0.39	0	0	9.9	0	0	0	0	0	0	22.49	22.49
	INVERTER	MV10	519383.44	4882003.86	2	0	0	100.3	100.3	1	760.94	3.25	0	68.63	0	-0.37	0	0	10.02	0	0	0	0	0	0	22.04	22.04
	INVERTER	MV17	519691.86	4882493.86	2	0	0	100.3	100.3	1	874.26	3.25	0	69.83	0	-0.31	0	0	10.47	0	0	0	0	0	0	20.32	20.32
	INVERTER	MV13	519509.24	4882443.86	2	0	0	100.3	100.3	1	930.87	3.25	0	70.38	0	-0.28	0	0	10.68	0	0	0	0	0	0	19.54	19.54
	INVERTER	MV7	519193.98	4881993.86	2	0	0	100.3	100.3	1	935.85	3.25	0	70.42	0	-0.28	0	0	10.69	0	0	0	0	0	0	19.47	19.47
	INVERTER	MV6	519159.47	4882193.86	2	0	0	100.3	100.3	1	1044.31	3.25	0	71.38	0	-0.22	0	0	11.05	0	0	0	0	0	0	18.11	18.11
	INVERTER	MV9	519310.97	4882423.86	2	0	0	100.3	100.3	1	1051.73	3.25	0	71.44	0	-0.22	0	0	11.08	0	0	0	0	0	0	18.02	18.02
	INVERTER	MV16	519639.48	4882701.1	2	0	0	100.3	100.3	1	1083.81	3.25	0	71.7	0	-0.21	0	0	11.18	0	0	0	0	0	0	17.64	17.64
	INVERTER	MV12	519470.71	4882665.21	2	0	0	100.3	100.3	1	1133.4	3.25	0	72.09	0	-0.18	0	0	11.33	0	0	0	0	0	0	17.08	17.08
	INVERTER	MV5	519126.62	4882383.86	2	0	0	100.3	100.3	1	1170.92	3.25	0	72.37	0	-0.17	0	0	11.44	0	0	0	0	0	0	16.67	16.67
	INVERTER	MV2	518973.41	4882163.86	2	0	0	100.3	100.3	1	1201.03	3.25	0	72.59	0	-0.15	0	0	11.53	0	0	0	0	0	0	16.35	16.35
	INVERTER	MV8	519258.31	4882631.1	2	0	0	100.3	100.3	1	1236.04	3.25	0	72.84	0	-0.14	0	0	11.63	0	0	0	0	0	0	15.98	15.98
	INVERTER	MV1	518942.28	4882343.86	2	0	0	100.3	100.3	1	1306.56	3.25	0	73.32	0	-0.11	0	0	11.82	0	0	0	0	0	0	15.28	15.28
	INVERTER	MV4	519089.82	4882595.21	2	0	0	100.3	100.3	1	1330.75	3.25	0	73.48	0	-0.1	0	0	11.89	0	0	0	0	0	0	15.04	15.04
	INVERTER	MV3	518997.61	4882023.86	2	0	0	97.3	97.3	1	1132.6	3.25	0	72.08	0	-0.18	0	0	11.33	0	0	0	0	0	0	14.09	14.09
	INVERTER	MV25	521036.94	4883166.75	2	0	0	100.3	100.3	1	1735.77	3.25	0	75.79	0	0.05	0	0	12.88	0	0	0	0	0	0	11.59	11.59
	INVERTER	MV11	519364.7	4882769.62	2	0	0	97.3	97.3	1	1279.08	3.25	0	73.14	0	-0.12	0	0	11.75	0	0	0	0	0	0	12.55	12.55
	INVERTER	MV19	519745.15	4882089.95	2	0	0	89.1	89.1	1	508.14	3.25	0	65.12	0	0.53	0	0	5.17	0	0	0	0	0	0	18.24	18.24
	INVERTER	MV29	521223.2	4883196.75	2	0	0	100.3	100.3	1	1868.02	3.25	0	76.43	0	0.09	0	0	13.18	0	0	0	0	0	0	10.62	10.62
	INVERTER	MV24	521002.3	4883366.75	2	0	0	100.3	100.3	1	1889.28	3.25	0	76.53	0	0.1	0	0	13.23	0	0	0	0	0	0	10.46	10.46
	INVERTER	MV21	520786.65	4883506.75	2	0	0	100.3	100.3	1	1924.45	3.25	0	76.69	0	0.11	0	0	13.3	0	0	0	0	0	0	10.22	10.22
	INVERTER	MV46	519569.31	4883250.26	2	0	0	97.3	97.3	1	1621.14	3.25	0	75.2	0	0.01	0	0	12.62	0	0	0	0	0	0	9.49	9.49
	DSTATCOM UNIT	DSTAT	519479.25	4883282.56	2.5	0	0	96.6	96.6	1	1682.18	3.5	0	75.52	0	3.15	0	0	1.52	0	0	0	0	0	0	16.44	16.44
	INVERTER	MV47	519833.32	4883254.23	2	0	0	89.1	89.1	1	1560.98	3.25	0	74.87	0	0.81	0	0	7.31	0	0	0	0	0	0	6.07	6.07
	SUBSTATION TRANSFORMER	TRS	519493.37	4883252.44	3.5	0	0	87.9	87.9	1	1649	4	0	75.34	0	-0.73	0	0	3.75	0	0	0	0	0	0	9.51	9.51
	LINE REACTOR	LR	519485	4883285	6.8	0	0	82	82	1	1682.39	5.65	0	75.52	0	-1.06	0	0	3.81	0	0	0	0	0	0	3.71	3.71
	INV TRANSFORMER	MV19T	519745.65	4882084.15	2	0	0	68.7	68.7	1	503.52	3.25	0	65.04	0	0.19	0	0	1.44	0	0	0	0	0	0	2.01	2.01
	INV TRANSFORMER	MV15T	519559.49	4882054.55	2	0	0	68.7	68.7	1	627.89	3.25	0	66.96	0	0.2	0	0	1.73	0	0	0	0	0	0	-0.2	-0.2
	INV TRANSFORMER	MV18T	519724.16	4882309.67	2	0	0	68.7	68.7	1	697.48	3.25	0	67.87	0	0.21	0	0	1.88	0	0	0	0	0	0	-1.28	-1.28
	INV TRANSFORMER	MV14T	519548.51	4882219.67	2	0	0	68.7	68.7	1	738.7	3.25	0	68.37	0	0.22	0	0	1.97	0	0	0	0	0	0	-1.88	-1.88
	INV TRANSFORMER	MV10T	519382.94	4882009.67	2	0	0	68.7	68.7	1	763.62	3.25	0	68.66	0	0.22	0	0	2.02	0	0	0	0	0	0	-2.23	-2.23
	INV TRANSFORMER	MV17T	519691.37	4882499.67	2	0	0	68.7	68.7	1	879.66	3.25	0	69.89	0	0.25	0	0	2.27	0	0	0	0	0	0	-3.73	-3.73
	INV TRANSFORMER	MV13T	519508.74	4882449.67	2	0	0	68.7	68.7	1	935.73	3.25	0	70.42	0	0.26	0	0	2.39	0	0	0	0	0	0	-4.4	-4.4
	INV TRANSFORMER	MV7T	519193.49	4881999.67	2	0	0	68.7	68.7	1	938.07	3.25	0	70.44	0	0.26	0	0	2.39	0	0	0	0	0	0	-4.42	-4.42
	INV TRANSFORMER	MV3T	518997.12	4882029.67	2	0	0	69.6	69.6	1	1134.68	3.25	0	72.1	0	0.31	0	0	2.79	0	0	0	0	0	0	-5.62	-5.62
	INV TRANSFORMER	MV6T	519158.97	4882199.67	2	0	0	68.7	68.7	1	1047.43	3.25	0	71.4	0	0.29	0	0	2.62	0	0	0	0	0	0	-5.63	-5.63
	INV TRANSFORMER	MV9T	519310.48	4882429.67	2	0	0	68.7	68.7	1	1056.02	3.25	0	71.47	0	0.29	0	0	2.63	0	0	0	0	0	0	-5.72	-5.72
	INV TRANSFORMER	MV16T	519639.98	4882695.3	2	0	0	68.7	68.7	1	1078.32	3.25	0	71.65	0	0.3	0	0	2.68	0	0	0	0	0	0	-5.96	-5.96
	INV TRANSFORMER	MV12T	519470.22	4882671.01	2	0	0	68.7	68.7	1	1138.55	3.25	0	72.13	0	0.31	0	0	2.8	0	0	0	0	0	0	-6.56	-6.56
	INV TRANSFORMER	MV11T	519370.5	4882770.13	2	0	0	69.6	69.6	1	1276.24	3.25	0	73.12	0	0.35	0	0	3.06	0	0	0	0	0	0	-6.96	-6.96
	INV TRANSFORMER	MV5T	519126.12	4882389.67	2	0	0	68.7	68.7	1	1174.66	3.25	0	72.4	0	0.32	0	0	2.87	0	0	0	0	0	0	-6.91	-6.91
	INV TRANSFORMER	MV2T	518972.91	4882169.67	2	0	0	68.7	68.7	1	1203.67	3.25	0	72.61	0	0.33	0	0	2.92	0	0	0	0	0	0	-7.19	-7.19
	INV TRANSFORMER	MV8T	519258.81	4882625.3	2	0	0	68.7	68.7	1	1231.41	3.25	0	72.81	0	0.34	0	0	2.98	0	0	0	0	0	0	-7.45	-7.45
	INV TRANSFORMER	MV1T	518941.79	4882349.67	2	0	0	68.7	68.7	1	1309.8	3.25	0	73.34	0	0.36	0	0	3.13	0	0	0	0	0	0	-8.16	-8.16
	INV TRANSFORMER	MV4T	519089.32	4882601.01	2	0	0	68.7	68.7	1	1334.97	3.25	0	73.51	0	0.37	0	0	3.18	0	0	0	0	0	0	-8.38	-8.38
	INV TRANSFORMER	MV46T	519569.03	4883256.08	2	0	0	69.6	69.6	1	1626.74	3.25	0	75.23	0	0.44	0	0	3.71	0	0	0	0	0	0	-9.81	-9.81
	INV TRANSFORMER	MV47T	519833.6	4883248.41	2	0	0	68.7	68.7	1	1555.2	3.25	0	74.84	0	0.42	0	0	3.58	0	0	0	0	0	0	-10.17	-10.17
	INV TRANSFORMER	MV25T	521036.45	4883172.56	2	0	0	68.7	68.7	1	1740.36	3.25	0	75.81	0	0.47	0	0	3.92	0	0	0	0	0	0	-11.53	-11.53
	INV TRANSFORMER	MV29T	521222.7	4883202.56	2	0	0	68.7	68.7	1	1872.33	3.25	0	76.45	0	0.51	0	0	4.15	0	0	0	0	0	0	-12.43	-12.43
	INV TRANSFORMER	MV24T	521001.8	4883372.56	2	0	0	68.7	68.7	1	1894.12	3.25	0	76.55	0	0.51	0	0	4.19	0	0	0	0	0	0	-12.57	-12.57
	INV TRANSFORMER	MV21T	520786.16	4883512.56	2	0	0	68.7	68.7	1	1929.67	3.25	0	76.71	0	0.52	0	0	4.25	0	0	0	0	0	0	-12.8	-12.8
mit. Value D/N:	0	0																								
Level D/N:	32.4894	32.4894																								

Receiver: Existing Noise Receptor
ID: R23
X: 519858
Y: 4881880

Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	INVERTER	MV15	519559	4882060.35	2	0	0	100.3	100.3	1	349.19	3.25	0	61.86	0	-0.64	0	0	7.04	0	0	0	0	0	0	32.05	32.05
	INVERTER	MV18	519724.65	4882303.86	2	0	0	100.3	100.3	1	444.35	3.25	0	63.95	0	-0.59	0	0	8.06	0	0	0	0	0	0	28.89	28.89
	INVERTER	MV14	519549.01	4882213.86	2	0	0	100.3	100.3	1	454.92	3.25	0	64.16	0	-0.58	0	0	8.15	0	0	0	0	0	0	28.59	28.59
	INVERTER	MV10	519383.44	4882003.86	2	0	0	100.3	100.3	1	490.46	3.25	0	64.81	0	-0.56	0	0	8.45	0	0	0	0	0	0	27.61	27.61
	INVERTER	MV17	519691.86	4882493.86	2	0	0	100.3	100.3	1	635.95	3.25	0	67.07	0	-0.45	0	0	9.41	0	0	0	0	0	0	24.29	24.29
	INVERTER	MV13	519509.24	4882443.86	2	0	0	100.3	100.3	1	663.01	3.25	0	67.43	0	-0.44	0	0	9.55	0	0	0	0	0	0	23.76	23.76
	INVERTER	MV7	519193.98	4881993.86	2	0	0	100.3	100.3	1	673.71	3.25	0	67.57	0	-0.43	0	0	9.61	0	0	0	0	0	0	23.56	23.56
	INVERTER	MV6	519159.47	4882193.86	2	0	0	100.3	100.3	1	765.81	3.25	0	68.68	0	-0.37	0	0	10.04	0	0	0	0	0	0	21.96	21.96
	INVERTER	MV9	519310.97	4882423.86	2	0	0	100.3	100.3	1	771.38	3.25	0	68.75	0	-0.37	0	0	10.06	0	0	0	0	0	0	21.87	21.87
	INVERTER	MV16	519639.48	4882701.1	2	0	0	100.3	100.3	1	849.69	3.25	0	69.59	0	-0.32	0	0	10.38	0	0	0	0	0	0	20.67	20.67
	INVERTER	MV19	519745.15	4882089.95	2	0	0	89.1	89.1	1	238.37	3.25	0	58.55	0	0.34	0	0	3.62	0	0	0	0	0	0	26.56	26.56
	INVERTER	MV12	519470.71	4882665.21	2	0	0	100.3	100.3	1	875.52	3.25	0	69.85	0	-0.31	0	0	10.48	0	0	0	0	0	0	20.3	20.3
	INVERTER	MV5	519126.62	4882383.86	2	0	0	100.3	100.3	1	888.15	3.25	0	69.97	0	-0.3	0	0	10.52	0	0	0	0	0	0	20.12	20.12
	INVERTER	MV2	518973.41	4882163.86	2	0	0	100.3	100.3	1	929.03	3.25	0	70.36	0	-0.28	0	0	10.67	0	0	0	0	0	0	19.56	19.56
	INVERTER	MV8	519258.31	4882631.1	2	0	0	100.3	100.3	1	961.14	3.25	0	70.66	0	-0.27	0	0	10.78	0	0	0	0	0	0	19.14	19.14
	INVERTER	MV1	518942.28	4882343.86	2	0	0	100.3	100.3	1	1026.5	3.25	0	71.23	0	-0.23	0	0	11	0	0	0	0	0	0	18.32	18.32
	INVERTER	MV4	519089.82	4882595.21	2	0	0	100.3	100.3	1	1049.59	3.25	0	71.42	0	-0.22	0	0	11.07	0	0	0	0	0	0	18.04	18.04
	INVERTER	MV3	518997.61	4882023.86	2	0	0	97.3	97.3	1	872.33	3.25	0	69.81	0	-0.31	0	0	10.46	0	0	0	0	0	0	17.35	17.35
	INVERTER	MV11	519364.7	4882769.62	2	0	0	97.3	97.3	1	1017.24	3.25	0	71.15	0	-0.24	0	0	10.97	0	0	0	0	0	0	15.43	15.43
	INVERTER	MV25	521036.94	4883166.75	2	0	0	100.3	100.3	1	1745.18	3.25	0	75.84	0	0.05	0	0	12.91	0	0	0	0	0	0	11.52	11.52
	INVERTER	MV21	520786.65	4883506.75	2	0	0	100.3	100.3	1	1873.16	3.25	0	76.45	0	0.09	0	0	13.19	0	0	0	0	0	0	10.58	10.58
	INVERTER	MV24	521002.3	4883366.75	2	0	0	100.3	100.3	1	1876.13	3.25	0	76.47	0	0.09	0	0	13.2	0	0	0	0	0	0	10.56	10.56
	INVERTER	MV29	521223.2	4883196.75	2	0	0	100.3	100.3	1	1896.74	3.25	0	76.56	0	0.1	0	0	13.24	0	0	0	0	0	0	10.41	10.41
	INVERTER	MV46	519569.31	4883250.26	2	0	0	97.3	97.3	1	1400.34	3.25	0	73.92	0	-0.07	0	0	12.07	0	0	0	0	0	0	11.39	11.39
	DSTATCOM UNIT	DSTAT	519479.25	4883282.56	2.5	0	0	96.6	96.6	1	1452.8	3.5	0	74.24	0	3.1	0	0	1.38	0	0	0	0	0	0	17.91	17.91
	INVERTER	MV47	519833.32	4883254.23	2	0	0	89.1	89.1	1	1374.45	3.25	0	73.76	0	0.76	0	0	6.99	0	0	0	0	0	0	7.54	7.54
	SUBSTATION TRANSFORMER	TRS	519493.37	4883252.44	3.5	0	0	87.9	87.9	1	1420.05	4	0	74.05	0	-0.76	0	0	3.34	0	0	0	0	0	0	11.26	11.26
	INV TRANSFORMER	MV19T	519745.65	4882084.15	2	0	0	68.7	68.7	1	233.03	3.25	0	58.35	0	0.4	0	0	0.75	0	0	0	0	0	0	9.18	9.18
	LINE REACTOR	LR	519485	4883285	6.8	0	0	82	82	1	1453.67	5.65	0	74.25	0	-1.07	0	0	3.4	0	0	0	0	0	0	5.39	5.39
	INV TRANSFORMER	MV15T	519559.49	4882054.55	2	0	0	68.7	68.7	1	345.8	3.25	0	61.78	0	0.24	0	0	1.05	0	0	0	0	0	0	5.61	5.61
	INV TRANSFORMER	MV18T	519724.16	4882309.67	2	0	0	68.7	68.7	1	450.04	3.25	0	64.06	0	0.19	0	0	1.31	0	0	0	0	0	0	3.11	3.11
	INV TRANSFORMER	MV14T	519548.51	4882219.67	2	0	0	68.7	68.7	1	459.53	3.25	0	64.25	0	0.19	0	0	1.33	0	0	0	0	0	0	2.91	2.91
	INV TRANSFORMER	MV10T	519382.94	4882009.67	2	0	0	68.7	68.7	1	492.44	3.25	0	64.85	0	0.19	0	0	1.41	0	0	0	0	0	0	2.23	2.23
	INV TRANSFORMER	MV17T	519691.37	4882499.67	2	0	0	68.7	68.7	1	641.69	3.25	0	67.15	0	0.2	0	0	1.76	0	0	0	0	0	0	-0.42	-0.42
	INV TRANSFORMER	MV13T	519508.74	4882449.67	2	0	0	68.7	68.7	1	668.21	3.25	0	67.5	0	0.2	0	0	1.82	0	0	0	0	0	0	-0.84	-0.84
	INV TRANSFORMER	MV7T	519193.49	4881999.67	2	0	0	68.7	68.7	1	675.2	3.25	0	67.59	0	0.2	0	0	1.83	0	0	0	0	0	0	-0.95	-0.95
	INV TRANSFORMER	MV6T	519158.97	4882199.67	2	0	0	68.7	68.7	1	768.66	3.25	0	68.71	0	0.22	0	0	2.04	0	0	0	0	0	0	-2.3	-2.3
	INV TRANSFORMER	MV9T	519310.48	4882429.67	2	0	0	68.7	68.7	1	775.84	3.25	0	68.8	0	0.22	0	0	2.05	0	0	0	0	0	0	-2.39	-2.39
	INV TRANSFORMER	MV3T	518997.12	4882029.67	2	0	0	69.6	69.6	1	873.8	3.25	0	69.83	0	0.25	0	0	2.26	0	0	0	0	0	0	-2.76	-2.76
	INV TRANSFORMER	MV16T	519639.98	4882695.3	2	0	0	68.7	68.7	1	843.95	3.25	0	69.53	0	0.24	0	0	2.2	0	0	0	0	0	0	-3.29	-3.29
	INV TRANSFORMER	MV12T	519470.22	4882671.01	2	0	0	68.7	68.7	1	880.95	3.25	0	69.9	0	0.25	0	0	2.27	0	0	0	0	0	0	-3.75	-3.75
	INV TRANSFORMER	MV5T	519126.12	4882389.67	2	0	0	68.7	68.7	1	891.86	3.25	0	70.01	0	0.25	0	0	2.3	0	0	0	0	0	0	-3.88	-3.88
	INV TRANSFORMER	MV11T	519370.5	4882770.13	2	0	0	69.6	69.6	1	1014.89	3.25	0	71.13	0	0.28	0	0	2.55	0	0	0	0	0	0	-4.38	-4.38
	INV TRANSFORMER	MV2T	518972.91	4882169.67	2	0	0	68.7	68.7	1	931.29	3.25	0	70.38	0	0.26	0	0	2.38	0	0	0	0	0	0	-4.35	-4.35
	INV TRANSFORMER	MV8T	519258.81	4882625.3	2	0	0	68.7	68.7	1	956.3	3.25	0	70.61	0	0.27	0	0	2.43	0	0	0	0	0	0	-4.63	-4.63
	INV TRANSFORMER	MV1T	518941.79	4882349.67	2	0	0	68.7	68.7	1	1029.58	3.25	0	71.25	0	0.29	0	0	2.58	0	0	0	0	0	0	-5.44	-5.44
	INV TRANSFORMER	MV4T	519089.32	4882601.01	2	0	0	68.7	68.7	1	1053.91	3.25	0	71.46	0	0.29	0	0	2.63	0	0	0	0	0	0	-5.7	-5.7
	INV TRANSFORMER	MV46T	519569.03	4883256.08	2	0	0	69.6	69.6	1	1406.09	3.25	0	73.96	0	0.38	0	0	3.31	0	0	0	0	0	0	-8.08	-8.08
	INV TRANSFORMER	MV47T	519833.6	4883248.41	2	0	0	68.7	68.7	1	1368.63	3.25	0	73.73	0	0.37	0	0	3.24	0	0	0	0	0	0	-8.66	-8.66
	INV TRANSFORMER	MV25T	521036.45	4883172.56	2	0	0	68.7	68.7	1	1749.13	3.25	0	75.86	0	0.48	0	0	3.93	0	0	0	0	0	0	-11.59	-11.59
	INV TRANSFORMER	MV21T	520786.16	4883512.56	2	0	0	68.7	68.7	1	1877.96	3.25	0	76.47	0	0.51	0	0	4.16	0	0	0	0	0	0	-12.47	-12.47
	INV TRANSFORMER	MV24T	521001.8	4883372.56	2	0	0	68.7	68.7	1	1880.43	3.25	0	76.49	0	0.51	0	0	4.16	0	0	0	0	0	0	-12.48	-12.48
	INV TRANSFORMER	MV29T	521222.7	4883202.56	2	0	0	68.7	68.7	1	1900.41	3.25	0	76.58	0	0.52	0	0	4.2	0	0	0	0	0	0	-12.61	-12.61

mit. Value D/N: 0 0
Level D/N: 37.8284 37.8284

Receiver: Existing Noise Receptor
ID: R24
X: 518346
Y: 4883309
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	INVERTER	MV4	519089.82	4882595.21	2	0	0	100.3	100.3	1	1030.91	3.25	0	71.26	0	-0.23	0	0	11.01	0	0	0	0	0	0	18.27	18.27
	INVERTER	MV1	518942.28	4882343.86	2	0	0	100.3	100.3	1	1134.48	3.25	0	72.1	0	-0.18	0	0	11.33	0	0	0	0	0	0	17.07	17.07
	INVERTER	MV8	519258.31	4882631.1	2	0	0	100.3	100.3	1	1136.6	3.25	0	72.11	0	-0.18	0	0	11.34	0	0	0	0	0	0	17.04	17.04
	INVERTER	MV5	519126.62	4882383.86	2	0	0	100.3	100.3	1	1210.47	3.25	0	72.66	0	-0.15	0	0	11.56	0	0	0	0	0	0	16.25	16.25

INVERTER	MV12	519470.71	4882665.21	2	0	0	100.3	100.3	1	1295.94	3.25	0	73.25	0	-0.11	0	0	11.79	0	0	0	0	0	0	15.38	15.38
INVERTER	MV2	518973.41	4882163.86	2	0	0	100.3	100.3	1	1305.75	3.25	0	73.32	0	-0.11	0	0	11.82	0	0	0	0	0	0	15.28	15.28
INVERTER	MV9	519310.97	4882423.86	2	0	0	100.3	100.3	1	1309.44	3.25	0	73.34	0	-0.11	0	0	11.83	0	0	0	0	0	0	15.25	15.25
INVERTER	MV6	519159.47	4882193.86	2	0	0	100.3	100.3	1	1380.31	3.25	0	73.8	0	-0.08	0	0	12.02	0	0	0	0	0	0	14.57	14.57
INVERTER	MV16	519639.48	4882701.1	2	0	0	100.3	100.3	1	1429.21	3.25	0	74.1	0	-0.06	0	0	12.15	0	0	0	0	0	0	14.12	14.12
INVERTER	MV13	519509.24	4882443.86	2	0	0	100.3	100.3	1	1449.69	3.25	0	74.23	0	-0.05	0	0	12.2	0	0	0	0	0	0	13.94	13.94
INVERTER	MV7	519193.98	4881993.86	2	0	0	100.3	100.3	1	1564.82	3.25	0	74.89	0	-0.01	0	0	12.48	0	0	0	0	0	0	12.95	12.95
INVERTER	MV17	519691.86	4882493.86	2	0	0	100.3	100.3	1	1573.47	3.25	0	74.94	0	-0.01	0	0	12.5	0	0	0	0	0	0	12.88	12.88
INVERTER	MV14	519549.01	4882213.86	2	0	0	100.3	100.3	1	1626.82	3.25	0	75.23	0	0.01	0	0	12.63	0	0	0	0	0	0	12.44	12.44
INVERTER	MV11	519364.7	4882769.62	2	0	0	97.3	97.3	1	1152.69	3.25	0	72.23	0	-0.17	0	0	11.39	0	0	0	0	0	0	13.87	13.87
INVERTER	MV10	519383.44	4882003.86	2	0	0	100.3	100.3	1	1667.23	3.25	0	75.44	0	0.03	0	0	12.73	0	0	0	0	0	0	12.12	12.12
INVERTER	MV18	519724.65	4882303.86	2	0	0	100.3	100.3	1	1706.16	3.25	0	75.64	0	0.04	0	0	12.82	0	0	0	0	0	0	11.82	11.82
INVERTER	MV46	519569.31	4883250.26	2	0	0	97.3	97.3	1	1224.72	3.25	0	72.76	0	-0.14	0	0	11.6	0	0	0	0	0	0	13.1	13.1
DSTATCOM UNIT	DSTAT	519479.25	4883282.56	2.5	0	0	96.6	96.6	1	1133.56	3.5	0	72.09	0	2.99	0	0	1.17	0	0	0	0	0	0	20.38	20.38
INVERTER	MV15	519559	4882060.35	2	0	0	100.3	100.3	1	1740.83	3.25	0	75.82	0	0.05	0	0	12.9	0	0	0	0	0	0	11.55	11.55
INVERTER	MV3	518997.61	4882023.86	2	0	0	97.3	97.3	1	1440.9	3.25	0	74.17	0	-0.06	0	0	12.18	0	0	0	0	0	0	11.02	11.02
SUBSTATION TRANSFORMER	TRS	519493.37	4883252.44	3.5	0	0	87.9	87.9	1	1148.76	4	0	72.2	0	-0.79	0	0	2.82	0	0	0	0	0	0	13.65	13.65
INVERTER	MV47	519833.32	4883254.23	2	0	0	89.1	89.1	1	1488.33	3.25	0	74.45	0	0.79	0	0	7.19	0	0	0	0	0	0	6.63	6.63
INVERTER	MV19	519745.15	4882089.95	2	0	0	89.1	89.1	1	1855.72	3.25	0	76.37	0	0.87	0	0	7.81	0	0	0	0	0	0	4.01	4.01
LINE REACTOR	LR	519485	4883285	6.8	0	0	82	82	1	1139.26	5.65	0	72.13	0	-1.05	0	0	2.8	0	0	0	0	0	0	8.1	8.1
INV TRANSFORMER	MV4T	519089.32	4882601.01	2	0	0	68.7	68.7	1	1026.54	3.25	0	71.23	0	0.29	0	0	2.57	0	0	0	0	0	0	-5.41	-5.41
INV TRANSFORMER	MV11T	519370.5	4882770.13	2	0	0	69.6	69.6	1	1157.58	3.25	0	72.27	0	0.32	0	0	2.83	0	0	0	0	0	0	-5.85	-5.85
INV TRANSFORMER	MV46T	519569.03	4883256.08	2	0	0	69.6	69.6	1	1224.18	3.25	0	72.76	0	0.34	0	0	2.96	0	0	0	0	0	0	-6.48	-6.48
INV TRANSFORMER	MV1T	518941.79	4882349.67	2	0	0	68.7	68.7	1	1129.29	3.25	0	72.06	0	0.31	0	0	2.78	0	0	0	0	0	0	-6.47	-6.47
INV TRANSFORMER	MV8T	519258.81	4882625.3	2	0	0	68.7	68.7	1	1140.47	3.25	0	72.14	0	0.32	0	0	2.8	0	0	0	0	0	0	-6.58	-6.58
INV TRANSFORMER	MV5T	519126.12	4882389.67	2	0	0	68.7	68.7	1	1205.72	3.25	0	72.62	0	0.33	0	0	2.93	0	0	0	0	0	0	-7.21	-7.21
INV TRANSFORMER	MV12T	519470.22	4882671.01	2	0	0	68.7	68.7	1	1292.64	3.25	0	73.23	0	0.35	0	0	3.1	0	0	0	0	0	0	-8	-8
INV TRANSFORMER	MV3T	518997.12	4882029.67	2	0	0	69.6	69.6	1	1435.5	3.25	0	74.14	0	0.39	0	0	3.36	0	0	0	0	0	0	-8.32	-8.32
INV TRANSFORMER	MV2T	518972.91	4882169.67	2	0	0	68.7	68.7	1	1300.42	3.25	0	73.28	0	0.36	0	0	3.11	0	0	0	0	0	0	-8.07	-8.07
INV TRANSFORMER	MV9T	519310.48	4882429.67	2	0	0	68.7	68.7	1	1305.16	3.25	0	73.31	0	0.36	0	0	3.12	0	0	0	0	0	0	-8.11	-8.11
INV TRANSFORMER	MV6T	519158.97	4882199.67	2	0	0	68.7	68.7	1	1375.34	3.25	0	73.77	0	0.38	0	0	3.25	0	0	0	0	0	0	-8.72	-8.72
INV TRANSFORMER	MV16T	519639.98	4882695.3	2	0	0	68.7	68.7	1	1432.14	3.25	0	74.12	0	0.39	0	0	3.36	0	0	0	0	0	0	-9.19	-9.19
INV TRANSFORMER	MV13T	519508.74	4882449.67	2	0	0	68.7	68.7	1	1445.83	3.25	0	74.2	0	0.4	0	0	3.38	0	0	0	0	0	0	-9.3	-9.3
INV TRANSFORMER	MV47T	519833.6	4883248.41	2	0	0	68.7	68.7	1	1488.83	3.25	0	74.46	0	0.41	0	0	3.46	0	0	0	0	0	0	-9.65	-9.65
INV TRANSFORMER	MV7T	519193.49	4881999.67	2	0	0	68.7	68.7	1	1559.68	3.25	0	74.86	0	0.43	0	0	3.59	0	0	0	0	0	0	-10.2	-10.2
INV TRANSFORMER	MV17T	519691.37	4882499.67	2	0	0	68.7	68.7	1	1570.05	3.25	0	74.92	0	0.43	0	0	3.61	0	0	0	0	0	0	-10.28	-10.28
INV TRANSFORMER	MV14T	519548.51	4882219.67	2	0	0	68.7	68.7	1	1622.55	3.25	0	75.2	0	0.44	0	0	3.71	0	0	0	0	0	0	-10.68	-10.68
INV TRANSFORMER	MV10T	519382.94	4882009.67	2	0	0	68.7	68.7	1	1662.38	3.25	0	75.41	0	0.45	0	0	3.78	0	0	0	0	0	0	-10.97	-10.97
INV TRANSFORMER	MV18T	519724.16	4882309.67	2	0	0	68.7	68.7	1	1702.35	3.25	0	75.62	0	0.46	0	0	3.85	0	0	0	0	0	0	-11.26	-11.26
INV TRANSFORMER	MV15T	519559.49	4882054.55	2	0	0	68.7	68.7	1	1745.35	3.25	0	75.84	0	0.47	0	0	3.93	0	0	0	0	0	0	-11.56	-11.56
INV TRANSFORMER	MV19T	519745.65	4882084.15	2	0	0	68.7	68.7	1	1859.92	3.25	0	76.39	0	0.51	0	0	4.13	0	0	0	0	0	0	-12.35	-12.35

mit. Value D/N: 0 0

Level D/N: 28.4544 28.4544

Receiver: Existing Noise Receptor

ID: R25

X: 518717

Y: 4883567

Z: 4.5

Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	INVERTER	MV4	519089.82	4882595.21	2	0	0	100.3	100.3	1	1040.86	3.25	0	71.35	0	-0.23	0	0	11.04	0	0	0	0	0	0	18.15	18.15
	INVERTER	MV8	519258.31	4882631.1	2	0	0	100.3	100.3	1	1081.17	3.25	0	71.68	0	-0.21	0	0	11.17	0	0	0	0	0	0	17.67	17.67
	INVERTER	MV12	519470.71	4882665.21	2	0	0	100.3	100.3	1	1175.3	3.25	0	72.4	0	-0.16	0	0	11.45	0	0	0	0	0	0	16.62	16.62
	DSTATCOM UNIT	DSTAT	519479.25	4883282.56	2.5	0	0	96.6	96.6	1	813.59	3.5	0	69.21	0	2.73	0	0	0.95	0	0	0	0	0	0	23.74	23.74
	INVERTER	MV1	518942.28	4882343.86	2	0	0	100.3	100.3	1	1243.71	3.25	0	72.89	0	-0.14	0	0	11.65	0	0	0	0	0	0	15.9	15.9
	INVERTER	MV5	519126.62	4882383.86	2	0	0	100.3	100.3	1	1252.04	3.25	0	72.95	0	-0.13	0	0	11.67	0	0	0	0	0	0	15.82	15.82
	INVERTER	MV16	519639.48	4882701.1	2	0	0	100.3	100.3	1	1265.21	3.25	0	73.04	0	-0.13	0	0	11.71	0	0	0	0	0	0	15.69	15.69
	INVERTER	MV46	519569.31	4883250.26	2	0	0	97.3	97.3	1	909.26	3.25	0	70.17	0	-0.29	0	0	10.6	0	0	0	0	0	0	16.83	16.83
	INVERTER	MV9	519310.97	4882423.86	2	0	0	100.3	100.3	1	1288.24	3.25	0	73.2	0	-0.12	0	0	11.77	0	0	0	0	0	0	15.46	15.46
	INVERTER	MV13	519509.24	4882443.86	2	0	0	100.3	100.3	1	1374.44	3.25	0	73.76	0	-0.08	0	0	12	0	0	0	0	0	0	14.63	14.63
	INVERTER	MV2	518973.41	4882163.86	2	0	0	100.3	100.3	1	1426.37	3.25	0	74.08	0	-0.06	0	0	12.14	0	0	0	0	0	0	14.15	14.15
	INVERTER	MV6	519159.47	4882193.86	2	0	0	100.3	100.3	1	1442.67	3.25	0	74.18	0	-0.06	0	0	12.18	0	0	0	0	0	0	14	14
	INVERTER	MV17	519691.86	4882493.86	2	0	0	100.3	100.3	1	1449.82	3.25	0	74.23	0	-0.05	0	0	12.2	0	0	0	0	0	0	13.94	13.94
	INVERTER	MV11	519364.7	4882769.62	2	0	0	97.3	97.3	1	1027.3	3.25	0	71.23	0	-0.23	0	0	11	0	0	0	0	0	0	15.31	15.31
	INVERTER	MV14	519549.01	4882213.86	2	0	0	100.3	100.3	1	1588.46	3.25	0	75.02	0	0	0	0	12.54	0	0	0	0	0	0	12.75	12.75
	INVERTER	MV18	519724.65	4882303.86	2	0	0	100.3	100.3	1	1615.82	3.25	0	75.17	0	0.01	0	0	12.61	0	0	0	0	0	0	12.53	12.53
	INVERTER	MV7	519193.98	4881993.86	2	0	0	100.3	100.3	1	1643.86	3.25	0	75.32	0	0.02	0	0	12.67	0	0	0	0	0	0	12.31	12.31
	INVERTER	MV10	519383.44	4882003.86	2	0	0	100.3	100.3	1	1699.28	3.25	0	75.61	0	0.04	0	0	12.8	0	0	0	0	0	0	11.87	11.87
	INVERTER	MV15	519559	4882060.35	2	0	0	100.3	100.3	1	1725.97	3.25	0	75.74	0	0.05	0	0	12.86	0	0	0	0	0	0	11.66	11.66
	INVERTER	MV38	520380.93	4884646.78	2	0	0	100.3	100.3	1	1983.58	3.25	0	76.95	0	0.12	0	0	13.43	0	0	0	0	0	0	9.81	9.81

INVERTER	MV3	518997.61	4882023.86	2	0	0	97.3	97.3	1	1568.44	3.25	0	74.91	0	-0.01	0	0	12.49	0	0	0	0	0	0	9.92	9.92
SUBSTATION TRANSFORMER	TRS	519493.37	4883252.44	3.5	0	0	87.9	87.9	1	837.67	4	0	69.46	0	-0.8	0	0	2.18	0	0	0	0	0	0	17.03	17.03
INVERTER	MV47	519833.32	4883254.23	2	0	0	89.1	89.1	1	1159.31	3.25	0	72.28	0	0.72	0	0	6.61	0	0	0	0	0	0	9.45	9.45
INVERTER	MV19	519745.15	4882089.95	2	0	0	89.1	89.1	1	1799.66	3.25	0	76.1	0	0.86	0	0	7.71	0	0	0	0	0	0	4.38	4.38
LINE REACTOR	LR	519485	4883285	6.8	0	0	82	82	1	818.14	5.65	0	69.26	0	-1	0	0	2.14	0	0	0	0	0	0	11.57	11.57
INVERTER	MV40	520573.85	4884258.92	2	0	0	86.1	86.1	1	1981.58	3.25	0	76.94	0	0.9	0	0	8.02	0	0	0	0	0	0	0.2	0.2
INV TRANSFORMER	MV46T	519569.03	4883256.08	2	0	0	69.6	69.6	1	906.99	3.25	0	70.15	0	0.26	0	0	2.33	0	0	0	0	0	0	-3.16	-3.16
INV TRANSFORMER	MV11T	519370.5	4882770.13	2	0	0	69.6	69.6	1	1030.56	3.25	0	71.26	0	0.29	0	0	2.58	0	0	0	0	0	0	-4.55	-4.55
INV TRANSFORMER	MV4T	519089.32	4882601.01	2	0	0	68.7	68.7	1	1035.26	3.25	0	71.3	0	0.29	0	0	2.59	0	0	0	0	0	0	-5.5	-5.5
INV TRANSFORMER	MV8T	519258.81	4882625.3	2	0	0	68.7	68.7	1	1086.45	3.25	0	71.72	0	0.3	0	0	2.69	0	0	0	0	0	0	-6.04	-6.04
INV TRANSFORMER	MV47T	519833.6	4883248.41	2	0	0	68.7	68.7	1	1161.16	3.25	0	72.3	0	0.32	0	0	2.84	0	0	0	0	0	0	-6.78	-6.78
INV TRANSFORMER	MV12T	519470.22	4882671.01	2	0	0	68.7	68.7	1	1170.53	3.25	0	72.37	0	0.32	0	0	2.86	0	0	0	0	0	0	-6.87	-6.87
INV TRANSFORMER	MV1T	518941.79	4882349.67	2	0	0	68.7	68.7	1	1237.91	3.25	0	72.85	0	0.34	0	0	2.99	0	0	0	0	0	0	-7.51	-7.51
INV TRANSFORMER	MV5T	519126.12	4882389.67	2	0	0	68.7	68.7	1	1246.39	3.25	0	72.91	0	0.34	0	0	3.01	0	0	0	0	0	0	-7.59	-7.59
INV TRANSFORMER	MV16T	519639.98	4882695.3	2	0	0	68.7	68.7	1	1269.55	3.25	0	73.07	0	0.35	0	0	3.05	0	0	0	0	0	0	-7.8	-7.8
INV TRANSFORMER	MV9T	519310.48	4882429.67	2	0	0	68.7	68.7	1	1282.87	3.25	0	73.16	0	0.35	0	0	3.08	0	0	0	0	0	0	-7.92	-7.92
INV TRANSFORMER	MV13T	519508.74	4882449.67	2	0	0	68.7	68.7	1	1369.41	3.25	0	73.73	0	0.37	0	0	3.24	0	0	0	0	0	0	-8.67	-8.67
INV TRANSFORMER	MV3T	518997.12	4882029.67	2	0	0	69.6	69.6	1	1562.65	3.25	0	74.88	0	0.43	0	0	3.6	0	0	0	0	0	0	-9.33	-9.33
INV TRANSFORMER	MV2T	518972.91	4882169.67	2	0	0	68.7	68.7	1	1420.58	3.25	0	74.05	0	0.39	0	0	3.34	0	0	0	0	0	0	-9.1	-9.1
INV TRANSFORMER	MV6T	519158.97	4882199.67	2	0	0	68.7	68.7	1	1436.99	3.25	0	74.15	0	0.39	0	0	3.37	0	0	0	0	0	0	-9.23	-9.23
INV TRANSFORMER	MV17T	519691.37	4882499.67	2	0	0	68.7	68.7	1	1445.2	3.25	0	74.2	0	0.39	0	0	3.38	0	0	0	0	0	0	-9.3	-9.3
INV TRANSFORMER	MV14T	519548.51	4882219.67	2	0	0	68.7	68.7	1	1583.26	3.25	0	74.99	0	0.43	0	0	3.64	0	0	0	0	0	0	-10.38	-10.38
INV TRANSFORMER	MV18T	519724.16	4882309.67	2	0	0	68.7	68.7	1	1610.98	3.25	0	75.14	0	0.44	0	0	3.69	0	0	0	0	0	0	-10.59	-10.59
INV TRANSFORMER	MV7T	519193.49	4881999.67	2	0	0	68.7	68.7	1	1638.16	3.25	0	75.29	0	0.45	0	0	3.73	0	0	0	0	0	0	-10.79	-10.79
INV TRANSFORMER	MV10T	519382.94	4882009.67	2	0	0	68.7	68.7	1	1693.74	3.25	0	75.58	0	0.46	0	0	3.83	0	0	0	0	0	0	-11.2	-11.2
INV TRANSFORMER	MV15T	519559.49	4882054.55	2	0	0	68.7	68.7	1	1731.28	3.25	0	75.77	0	0.47	0	0	3.9	0	0	0	0	0	0	-11.46	-11.46
INV TRANSFORMER	MV40T	520573.54	4884264.74	2	0	0	69.6	69.6	1	1983.33	3.25	0	76.95	0	0.54	0	0	4.34	0	0	0	0	0	0	-12.25	-12.25
INV TRANSFORMER	MV19T	519745.65	4882084.15	2	0	0	68.7	68.7	1	1804.71	3.25	0	76.13	0	0.49	0	0	4.03	0	0	0	0	0	0	-11.97	-11.97
INV TRANSFORMER	MV38T	520380.43	4884652.58	2	0	0	68.7	68.7	1	1986.33	3.25	0	76.96	0	0.54	0	0	4.34	0	0	0	0	0	0	-13.17	-13.17

mit. Value D/N: 0 0

Level D/N: 29.6715 29.6715

Receiver: Existing Noise Receptor
ID: R26
X: 518236
Y: 4883477
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	INVERTER	MV4	519089.82	4882595.21	2	0	0	100.3	100.3	1	1227.42	3.25	0	72.78	0	-0.14	0	0	11.6	0	0	0	0	0	0	16.07	16.07
	INVERTER	MV8	519258.31	4882631.1	2	0	0	100.3	100.3	1	1326.9	3.25	0	73.46	0	-0.1	0	0	11.88	0	0	0	0	0	0	15.08	15.08
	INVERTER	MV1	518942.28	4882343.86	2	0	0	100.3	100.3	1	1335.23	3.25	0	73.51	0	-0.1	0	0	11.9	0	0	0	0	0	0	15	15
	INVERTER	MV5	519126.62	4882383.86	2	0	0	100.3	100.3	1	1410.02	3.25	0	73.98	0	-0.07	0	0	12.1	0	0	0	0	0	0	14.3	14.3
	INVERTER	MV12	519470.71	4882665.21	2	0	0	100.3	100.3	1	1477.68	3.25	0	74.39	0	-0.04	0	0	12.27	0	0	0	0	0	0	13.69	13.69
	INVERTER	MV9	519310.97	4882423.86	2	0	0	100.3	100.3	1	1504.88	3.25	0	74.55	0	-0.03	0	0	12.34	0	0	0	0	0	0	13.46	13.46
	INVERTER	MV2	518973.41	4882163.86	2	0	0	100.3	100.3	1	1506.02	3.25	0	74.56	0	-0.03	0	0	12.34	0	0	0	0	0	0	13.45	13.45
	INVERTER	MV6	519159.47	4882193.86	2	0	0	100.3	100.3	1	1580.9	3.25	0	74.98	0	0	0	0	12.52	0	0	0	0	0	0	12.82	12.82
	INVERTER	MV16	519639.48	4882701.1	2	0	0	100.3	100.3	1	1603.68	3.25	0	75.1	0	0	0	0	12.58	0	0	0	0	0	0	12.63	12.63
	INVERTER	MV13	519509.24	4882443.86	2	0	0	100.3	100.3	1	1639.67	3.25	0	75.3	0	0.02	0	0	12.66	0	0	0	0	0	0	12.34	12.34
	INVERTER	MV17	519691.86	4882493.86	2	0	0	100.3	100.3	1	1756.73	3.25	0	75.89	0	0.06	0	0	12.93	0	0	0	0	0	0	11.43	11.43
	INVERTER	MV7	519193.98	4881993.86	2	0	0	100.3	100.3	1	1765.63	3.25	0	75.94	0	0.06	0	0	12.95	0	0	0	0	0	0	11.36	11.36
	INVERTER	MV14	519549.01	4882213.86	2	0	0	100.3	100.3	1	1821.95	3.25	0	76.21	0	0.08	0	0	13.08	0	0	0	0	0	0	10.95	10.95
	INVERTER	MV10	519383.44	4882003.86	2	0	0	100.3	100.3	1	1867.29	3.25	0	76.42	0	0.09	0	0	13.18	0	0	0	0	0	0	10.62	10.62
	INVERTER	MV11	519364.7	4882769.62	2	0	0	97.3	97.3	1	1332.05	3.25	0	73.49	0	-0.1	0	0	11.89	0	0	0	0	0	0	12.03	12.03
	INVERTER	MV18	519724.65	4882303.86	2	0	0	100.3	100.3	1	1895.35	3.25	0	76.55	0	0.1	0	0	13.24	0	0	0	0	0	0	10.42	10.42
	INVERTER	MV46	519569.31	4883250.26	2	0	0	97.3	97.3	1	1352.45	3.25	0	73.62	0	-0.09	0	0	11.95	0	0	0	0	0	0	11.83	11.83
	DSTATCOM UNIT	DSTAT	519479.25	4883282.56	2.5	0	0	96.6	96.6	1	1258.36	3.5	0	73	0	3.04	0	0	1.25	0	0	0	0	0	0	19.34	19.34
	INVERTER	MV15	519559	4882060.35	2	0	0	100.3	100.3	1	1938.36	3.25	0	76.75	0	0.11	0	0	13.33	0	0	0	0	0	0	10.12	10.12
	INVERTER	MV3	518997.61	4882023.86	2	0	0	97.3	97.3	1	1640.63	3.25	0	75.3	0	0.02	0	0	12.66	0	0	0	0	0	0	9.33	9.33
	SUBSTATION TRANSFORMER	TRS	519493.37	4883252.44	3.5	0	0	87.9	87.9	1	1277.27	4	0	73.13	0	-0.78	0	0	3.07	0	0	0	0	0	0	12.46	12.46
	INVERTER	MV47	519833.32	4883254.23	2	0	0	89.1	89.1	1	1612.78	3.25	0	75.15	0	0.82	0	0	7.4	0	0	0	0	0	0	5.69	5.69
	LINE REACTOR	LR	519485	4883285	6.8	0	0	82	82	1	1263.67	5.65	0	73.03	0	-1.06	0	0	3.04	0	0	0	0	0	0	6.97	6.97
	INV TRANSFORMER	MV11T	519370.5	4882770.13	2	0	0	69.6	69.6	1	1336.7	3.25	0	73.52	0	0.37	0	0	3.18	0	0	0	0	0	0	-7.49	-7.49
	INV TRANSFORMER	MV46T	519569.03	4883256.08	2	0	0	69.6	69.6	1	1351.22	3.25	0	73.61	0	0.37	0	0	3.21	0	0	0	0	0	0	-7.62	-7.62
	INV TRANSFORMER	MV4T	519089.32	4882601.01	2	0	0	68.7	68.7	1	1222.91	3.25	0	72.75	0	0.34	0	0	2.96	0	0	0	0	0	0	-7.37	-7.37
	INV TRANSFORMER	MV1T	518941.79	4882349.67	2	0	0	68.7	68.7	1	1330.05	3.25	0	73.48	0	0.36	0	0	3.17	0	0	0	0	0	0	-8.33	-8.33
	INV TRANSFORMER	MV8T	519258.81	4882625.3	2	0	0	68.7	68.7	1	1330.99	3.25	0	73.48	0	0.36	0	0	3.17	0	0	0	0	0	0	-8.34	-8.34
	INV TRANSFORMER	MV5T	519126.12	4882389.67	2	0	0	68.7	68.7	1	1405.21	3.25	0	73.95	0	0.38	0	0	3.31	0	0	0	0	0	0	-8.97	-8.97
	INV TRANSFORMER	MV12T	519470.22	4882671.01	2	0	0	68.7	68.7	1	1474.08	3.25	0	74.37	0	0.4	0	0	3.44	0	0	0	0	0	0	-9.53	-9.53
	INV TRANSFORMER	MV3T	518997.12	4882029.67	2	0	0	69.6	69.6	1	1635.26	3.25	0	75.27	0	0.45	0	0	3.73	0	0	0	0	0	0	-9.87	-9.87
	INV TRANSFORMER	MV9T	519310.48	4882429.67	2	0	0	68.7	68.7	1	1500.47	3.25	0	74.52	0	0.41	0	0	3.48	0	0	0	0	0	0	-9.74	-9.74

INV TRANSFORMER	MV2T	518972.91	4882169.67	2	0	0	68.7	68.7	1	1500.72	3.25	0	74.53	0	0.41	0	0	3.49	0	0	0	0	0	0	-9.74	-9.74
INV TRANSFORMER	MV6T	519158.97	4882199.67	2	0	0	68.7	68.7	1	1575.9	3.25	0	74.95	0	0.43	0	0	3.62	0	0	0	0	0	0	-10.33	-10.33
INV TRANSFORMER	MV16T	519639.98	4882695.3	2	0	0	68.7	68.7	1	1606.93	3.25	0	75.12	0	0.44	0	0	3.68	0	0	0	0	0	0	-10.56	-10.56
INV TRANSFORMER	MV47T	519833.6	4883248.41	2	0	0	68.7	68.7	1	1613.87	3.25	0	75.16	0	0.44	0	0	3.69	0	0	0	0	0	0	-10.61	-10.61
INV TRANSFORMER	MV13T	519508.74	4882449.67	2	0	0	68.7	68.7	1	1635.63	3.25	0	75.27	0	0.45	0	0	3.73	0	0	0	0	0	0	-10.77	-10.77
INV TRANSFORMER	MV17T	519691.37	4882499.67	2	0	0	68.7	68.7	1	1753.08	3.25	0	75.88	0	0.48	0	0	3.94	0	0	0	0	0	0	-11.62	-11.62
INV TRANSFORMER	MV7T	519193.49	4881999.67	2	0	0	68.7	68.7	1	1760.48	3.25	0	75.91	0	0.48	0	0	3.95	0	0	0	0	0	0	-11.67	-11.67
INV TRANSFORMER	MV14T	519548.51	4882219.67	2	0	0	68.7	68.7	1	1817.57	3.25	0	76.19	0	0.49	0	0	4.05	0	0	0	0	0	0	-12.06	-12.06
INV TRANSFORMER	MV10T	519382.94	4882009.67	2	0	0	68.7	68.7	1	1862.4	3.25	0	76.4	0	0.51	0	0	4.13	0	0	0	0	0	0	-12.36	-12.36
INV TRANSFORMER	MV18T	519724.16	4882309.67	2	0	0	68.7	68.7	1	1891.37	3.25	0	76.54	0	0.51	0	0	4.18	0	0	0	0	0	0	-12.55	-12.55
INV TRANSFORMER	MV15T	519559.49	4882054.55	2	0	0	68.7	68.7	1	1942.94	3.25	0	76.77	0	0.53	0	0	4.27	0	0	0	0	0	0	-12.89	-12.89

mit. Value D/N: 0 0

Level D/N: 26.816 26.816

Receiver: Existing Noise Receptor

ID: R27

X: 519141

Y: 4883653

Z: 4.5

Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	DSTATCOM UNIT	DSTAT	519479.25	4883282.56	2.5	0	0	96.6	96.6	1	501.64	3.5	0	65.01	0	2.18	0	0	0.71	0	0	0	0	0	0	28.73	28.73
	INVERTER	MV46	519569.31	4883250.26	2	0	0	97.3	97.3	1	587.92	3.25	0	66.39	0	-0.49	0	0	9.13	0	0	0	0	0	0	22.28	22.28
	INVERTER	MV8	519258.31	4882631.1	2	0	0	100.3	100.3	1	1028.61	3.25	0	71.25	0	-0.23	0	0	11	0	0	0	0	0	0	18.29	18.29
	INVERTER	MV12	519470.71	4882665.21	2	0	0	100.3	100.3	1	1041.37	3.25	0	71.35	0	-0.23	0	0	11.05	0	0	0	0	0	0	18.14	18.14
	INVERTER	MV4	519089.82	4882595.21	2	0	0	100.3	100.3	1	1059.04	3.25	0	71.5	0	-0.22	0	0	11.1	0	0	0	0	0	0	17.93	17.93
	INVERTER	MV16	519639.48	4882701.1	2	0	0	100.3	100.3	1	1074.52	3.25	0	71.62	0	-0.21	0	0	11.15	0	0	0	0	0	0	17.75	17.75
	INVERTER	MV9	519310.97	4882423.86	2	0	0	100.3	100.3	1	1240.84	3.25	0	72.87	0	-0.14	0	0	11.64	0	0	0	0	0	0	15.93	15.93
	INVERTER	MV13	519509.24	4882443.86	2	0	0	100.3	100.3	1	1263.97	3.25	0	73.03	0	-0.13	0	0	11.71	0	0	0	0	0	0	15.7	15.7
	INVERTER	MV5	519126.62	4882383.86	2	0	0	100.3	100.3	1	1269.22	3.25	0	73.07	0	-0.12	0	0	11.72	0	0	0	0	0	0	15.65	15.65
	INVERTER	MV17	519691.86	4882493.86	2	0	0	100.3	100.3	1	1283.38	3.25	0	73.17	0	-0.12	0	0	11.76	0	0	0	0	0	0	15.5	15.5
	INVERTER	MV11	519364.7	4882769.62	2	0	0	97.3	97.3	1	911.27	3.25	0	70.19	0	-0.29	0	0	10.61	0	0	0	0	0	0	16.8	16.8
	INVERTER	MV1	518942.28	4882343.86	2	0	0	100.3	100.3	1	1324.13	3.25	0	73.44	0	-0.1	0	0	11.87	0	0	0	0	0	0	15.1	15.1
	INVERTER	MV6	519159.47	4882193.86	2	0	0	100.3	100.3	1	1459.26	3.25	0	74.28	0	-0.05	0	0	12.22	0	0	0	0	0	0	13.86	13.86
	INVERTER	MV18	519724.65	4882303.86	2	0	0	100.3	100.3	1	1469.97	3.25	0	74.35	0	-0.04	0	0	12.25	0	0	0	0	0	0	13.76	13.76
	INVERTER	MV14	519549.01	4882213.86	2	0	0	100.3	100.3	1	1495.86	3.25	0	74.5	0	-0.04	0	0	12.31	0	0	0	0	0	0	13.53	13.53
	INVERTER	MV2	518973.41	4882163.86	2	0	0	100.3	100.3	1	1498.54	3.25	0	74.51	0	-0.03	0	0	12.32	0	0	0	0	0	0	13.51	13.51
	INVERTER	MV38	520380.93	4884646.78	2	0	0	100.3	100.3	1	1589.03	3.25	0	75.02	0	0	0	0	12.54	0	0	0	0	0	0	12.75	12.75
	INVERTER	MV20	520751.73	4883708.75	2	0	0	100.3	100.3	1	1611.7	3.25	0	75.15	0	0.01	0	0	12.6	0	0	0	0	0	0	12.56	12.56
	INVERTER	MV15	519559	4882060.35	2	0	0	100.3	100.3	1	1646.59	3.25	0	75.33	0	0.02	0	0	12.68	0	0	0	0	0	0	12.28	12.28
	INVERTER	MV21	520786.65	4883506.75	2	0	0	100.3	100.3	1	1652.14	3.25	0	75.36	0	0.02	0	0	12.69	0	0	0	0	0	0	12.24	12.24
	INVERTER	MV7	519193.98	4881993.86	2	0	0	100.3	100.3	1	1659.98	3.25	0	75.4	0	0.02	0	0	12.71	0	0	0	0	0	0	12.18	12.18
	INVERTER	MV10	519383.44	4882003.86	2	0	0	100.3	100.3	1	1666.86	3.25	0	75.44	0	0.03	0	0	12.73	0	0	0	0	0	0	12.12	12.12
	INVERTER	MV37	520345.66	4884850.78	2	0	0	100.3	100.3	1	1698.79	3.25	0	75.6	0	0.04	0	0	12.8	0	0	0	0	0	0	11.87	11.87
	INVERTER	MV39	520562.49	4884730.78	2	0	0	100.3	100.3	1	1783.89	3.25	0	76.03	0	0.06	0	0	12.99	0	0	0	0	0	0	11.23	11.23
	INVERTER	MV22	520936.62	4883746.98	2	0	0	100.3	100.3	1	1798.08	3.25	0	76.1	0	0.07	0	0	13.02	0	0	0	0	0	0	11.12	11.12
	INVERTER	MV23	520969.51	4883556.75	2	0	0	100.3	100.3	1	1831.05	3.25	0	76.25	0	0.08	0	0	13.1	0	0	0	0	0	0	10.88	10.88
	INVERTER	MV24	521002.3	4883366.75	2	0	0	100.3	100.3	1	1883.18	3.25	0	76.5	0	0.09	0	0	13.21	0	0	0	0	0	0	10.51	10.51
	INVERTER	MV25	521036.94	4883166.75	2	0	0	100.3	100.3	1	1957.31	3.25	0	76.83	0	0.12	0	0	13.37	0	0	0	0	0	0	9.99	9.99
	SUBSTATION TRANSFORMER	TRS	519493.37	4883252.44	3.5	0	0	87.9	87.9	1	533.49	4	0	65.54	0	-0.75	0	0	1.51	0	0	0	0	0	0	21.57	21.57
	INVERTER	MV3	518997.61	4882023.86	2	0	0	97.3	97.3	1	1635.44	3.25	0	75.27	0	0.01	0	0	12.65	0	0	0	0	0	0	9.37	9.37
	INVERTER	MV26	521131.56	4883726.75	2	0	0	97.3	97.3	1	1991.93	3.25	0	76.99	0	0.13	0	0	13.44	0	0	0	0	0	0	6.75	6.75
	INVERTER	MV47	519833.32	4883254.23	2	0	0	89.1	89.1	1	798.96	3.25	0	69.05	0	0.64	0	0	5.92	0	0	0	0	0	0	13.45	13.45
	LINE REACTOR	LR	519485	4883285	6.8	0	0	82	82	1	503.75	5.65	0	65.04	0	-0.81	0	0	1.44	0	0	0	0	0	0	16.31	16.31
	INVERTER	MV19	519745.15	4882089.95	2	0	0	89.1	89.1	1	1675.75	3.25	0	75.48	0	0.83	0	0	7.51	0	0	0	0	0	0	5.23	5.23
	INVERTER	MV40	520573.85	4884258.92	2	0	0	86.1	86.1	1	1555.7	3.25	0	74.84	0	0.8	0	0	7.3	0	0	0	0	0	0	3.11	3.11
	INV TRANSFORMER	MV46T	519569.03	4883256.08	2	0	0	69.6	69.6	1	583.75	3.25	0	66.32	0	0.19	0	0	1.62	0	0	0	0	0	0	1.44	1.44
	INV TRANSFORMER	MV47T	519833.6	4883248.41	2	0	0	68.7	68.7	1	802.12	3.25	0	69.08	0	0.23	0	0	2.11	0	0	0	0	0	0	-2.75	-2.75
	INV TRANSFORMER	MV11T	519370.5	4882770.13	2	0	0	69.6	69.6	1	912.21	3.25	0	70.2	0	0.26	0	0	2.34	0	0	0	0	0	0	-3.22	-3.22
	INV TRANSFORMER	MV8T	519258.81	4882625.3	2	0	0	68.7	68.7	1	1034.44	3.25	0	71.29	0	0.29	0	0	2.59	0	0	0	0	0	0	-5.5	-5.5
	INV TRANSFORMER	MV12T	519470.22	4882671.01	2	0	0	68.7	68.7	1	1035.71	3.25	0	71.3	0	0.29	0	0	2.59	0	0	0	0	0	0	-5.51	-5.51
	INV TRANSFORMER	MV4T	519089.32	4882601.01	2	0	0	68.7	68.7	1	1053.26	3.25	0	71.45	0	0.29	0	0	2.63	0	0	0	0	0	0	-5.69	-5.69
	INV TRANSFORMER	MV16T	519639.98	4882695.3	2	0	0	68.7	68.7	1	1079.9	3.25	0	71.67	0	0.3	0	0	2.68	0	0	0	0	0	0	-5.97	-5.97
	INV TRANSFORMER	MV9T	519310.48	4882429.67	2	0	0	68.7	68.7	1	1235.02	3.25	0	72.83	0	0.34	0	0	2.99	0	0	0	0	0	0	-7.48	-7.48
	INV TRANSFORMER	MV13T	519508.74	4882449.67	2	0	0	68.7	68.7	1	1258.27	3.25	0	73	0	0.35	0	0	3.03	0	0	0	0	0	0	-7.69	-7.69
	INV TRANSFORMER	MV5T	519126.12	4882389.67	2	0	0	68.7	68.7	1	1263.42	3.25	0	73.03	0	0.35	0	0	3.04	0	0	0	0	0	0	-7.74	-7.74
	INV TRANSFORMER	MV17T	519691.37	4882499.67	2	0	0	68.7	68.7	1	1277.92	3.25	0	73.13	0	0.35	0	0	3.07	0	0	0	0	0	0	-7.87	-7.87
	INV TRANSFORMER	MV1T	518941.79	4882349.67	2	0	0	68.7	68.7	1	1318.47	3.25	0	73.4	0	0.36	0	0	3.14	0	0	0	0	0	0	-8.23	-8.23
	INV TRANSFORMER	MV40T	520573.54	4884264.74	2	0	0	69.6	69.6	1	1557.69	3.25	0	74.85	0	0.42	0	0	3.59	0	0	0	0	0	0	-9.29	-9.29
	INV TRANSFORMER	MV6T	519158.97	4882199.67	2	0	0	68.7	68.7	1	1453.45	3.25	0	74.25	0	0.4	0	0	3.4	0	0	0	0	0	0	-9.37	-9.37
	INV TRANSFORMER	MV18T	519724.16	4882309.67	2	0	0	68.7	68.7	1	1464.45	3.25	0	74.31	0	0.4	0	0	3.42	0	0	0	0	0	0	-9.46	-9.46

INV TRANSFORMER	MV3T	518997.12	4882029.67	2	0	0	69.6	69.6	1	1629.7	3.25	0	75.24	0	0.44	0	0	3.72	0	0	0	0	0	0	-9.83	-9.83
INV TRANSFORMER	MV14T	519548.51	4882219.67	2	0	0	68.7	68.7	1	1490.14	3.25	0	74.46	0	0.41	0	0	3.47	0	0	0	0	0	0	-9.66	-9.66
INV TRANSFORMER	MV2T	518972.91	4882169.67	2	0	0	68.7	68.7	1	1492.83	3.25	0	74.48	0	0.41	0	0	3.47	0	0	0	0	0	0	-9.68	-9.68
INV TRANSFORMER	MV38T	520380.43	4884652.58	2	0	0	68.7	68.7	1	1592.28	3.25	0	75.04	0	0.43	0	0	3.65	0	0	0	0	0	0	-10.45	-10.45
INV TRANSFORMER	MV20T	520751.23	4883714.56	2	0	0	68.7	68.7	1	1611.41	3.25	0	75.14	0	0.44	0	0	3.69	0	0	0	0	0	0	-10.59	-10.59
INV TRANSFORMER	MV21T	520786.16	4883512.56	2	0	0	68.7	68.7	1	1651.14	3.25	0	75.36	0	0.45	0	0	3.76	0	0	0	0	0	0	-10.89	-10.89
INV TRANSFORMER	MV15T	519559.49	4882054.55	2	0	0	68.7	68.7	1	1652.33	3.25	0	75.36	0	0.45	0	0	3.76	0	0	0	0	0	0	-10.9	-10.9
INV TRANSFORMER	MV7T	519193.49	4881999.67	2	0	0	68.7	68.7	1	1654.17	3.25	0	75.37	0	0.45	0	0	3.76	0	0	0	0	0	0	-10.91	-10.91
INV TRANSFORMER	MV10T	519382.94	4882009.67	2	0	0	68.7	68.7	1	1661.05	3.25	0	75.41	0	0.45	0	0	3.78	0	0	0	0	0	0	-10.96	-10.96
INV TRANSFORMER	MV19T	519745.65	4882084.15	2	0	0	68.7	68.7	1	1681.34	3.25	0	75.51	0	0.46	0	0	3.81	0	0	0	0	0	0	-11.11	-11.11
INV TRANSFORMER	MV37T	520345.16	4884856.58	2	0	0	68.7	68.7	1	1702.53	3.25	0	75.62	0	0.46	0	0	3.85	0	0	0	0	0	0	-11.26	-11.26
INV TRANSFORMER	MV39T	520562	4884736.58	2	0	0	68.7	68.7	1	1787	3.25	0	76.04	0	0.49	0	0	4	0	0	0	0	0	0	-11.85	-11.85
INV TRANSFORMER	MV26T	521131.06	4883732.56	2	0	0	69.6	69.6	1	1991.65	3.25	0	76.98	0	0.54	0	0	4.35	0	0	0	0	0	0	-12.3	-12.3
INV TRANSFORMER	MV22T	520936.13	4883752.78	2	0	0	68.7	68.7	1	1797.9	3.25	0	76.1	0	0.49	0	0	4.02	0	0	0	0	0	0	-11.93	-11.93
INV TRANSFORMER	MV23T	520969.02	4883562.56	2	0	0	68.7	68.7	1	1830.25	3.25	0	76.25	0	0.5	0	0	4.07	0	0	0	0	0	0	-12.15	-12.15
INV TRANSFORMER	MV24T	521001.8	4883372.56	2	0	0	68.7	68.7	1	1881.82	3.25	0	76.49	0	0.51	0	0	4.16	0	0	0	0	0	0	-12.49	-12.49
INV TRANSFORMER	MV25T	521036.45	4883172.56	2	0	0	68.7	68.7	1	1955.39	3.25	0	76.82	0	0.53	0	0	4.29	0	0	0	0	0	0	-12.97	-12.97
mit. Value D/N:	0	0																							
Level D/N:	32.7943	32.7943																							

Receiver: Existing Noise Receptor
ID: R28
X: 519616
Y: 4885730
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	INVERTER	MV37	520345.66	4884850.78	2	0	0	100.3	100.3	1	1142.56	3.25	0	72.16	0	-0.18	0	0	11.36	0	0	0	0	0	0	16.98	16.98
	INVERTER	MV38	520380.93	4884646.78	2	0	0	100.3	100.3	1	1326.08	3.25	0	73.45	0	-0.1	0	0	11.88	0	0	0	0	0	0	15.09	15.09
	INVERTER	MV39	520562.49	4884730.78	2	0	0	100.3	100.3	1	1376.34	3.25	0	73.77	0	-0.08	0	0	12.01	0	0	0	0	0	0	14.61	14.61
	INVERTER	MV41	520981.28	4884667.9	2	0	0	100.3	100.3	1	1729.75	3.25	0	75.76	0	0.05	0	0	12.87	0	0	0	0	0	0	11.64	11.64
	INVERTER	MV44	521154.3	4884833.37	2	0	0	100.3	100.3	1	1780.54	3.25	0	76.01	0	0.06	0	0	12.99	0	0	0	0	0	0	11.25	11.25
	INVERTER	MV42	521026.63	4884437.16	2	0	0	100.3	100.3	1	1913.46	3.25	0	76.64	0	0.1	0	0	13.28	0	0	0	0	0	0	10.29	10.29
	INVERTER	MV45	521201.3	4884593.26	2	0	0	100.3	100.3	1	1950.73	3.25	0	76.8	0	0.12	0	0	13.36	0	0	0	0	0	0	10.04	10.04
	INVERTER	MV40	520573.85	4884258.92	2	0	0	86.1	86.1	1	1755.44	3.25	0	75.89	0	0.85	0	0	7.64	0	0	0	0	0	0	1.68	1.68
	INV TRANSFORMER	MV37T	520345.16	4884856.58	2	0	0	68.7	68.7	1	1137.78	3.25	0	72.12	0	0.31	0	0	2.8	0	0	0	0	0	0	-6.55	-6.55
	INV TRANSFORMER	MV38T	520380.43	4884652.58	2	0	0	68.7	68.7	1	1321.06	3.25	0	73.42	0	0.36	0	0	3.15	0	0	0	0	0	0	-8.25	-8.25
	INV TRANSFORMER	MV39T	520562	4884736.58	2	0	0	68.7	68.7	1	1371.78	3.25	0	73.75	0	0.38	0	0	3.25	0	0	0	0	0	0	-8.69	-8.69
	INV TRANSFORMER	MV40T	520573.54	4884264.74	2	0	0	69.6	69.6	1	1750.4	3.25	0	75.86	0	0.48	0	0	3.93	0	0	0	0	0	0	-10.7	-10.7
	INV TRANSFORMER	MV41T	520981.91	4884662.11	2	0	0	68.7	68.7	1	1733.81	3.25	0	75.78	0	0.47	0	0	3.91	0	0	0	0	0	0	-11.48	-11.48
	INV TRANSFORMER	MV44T	521153.69	4884839.17	2	0	0	68.7	68.7	1	1777.1	3.25	0	75.99	0	0.48	0	0	3.98	0	0	0	0	0	0	-11.78	-11.78
	INV TRANSFORMER	MV42T	521027.26	4884431.37	2	0	0	68.7	68.7	1	1917.84	3.25	0	76.66	0	0.52	0	0	4.23	0	0	0	0	0	0	-12.73	-12.73
	INV TRANSFORMER	MV45T	521200.69	4884599.06	2	0	0	68.7	68.7	1	1946.86	3.25	0	76.79	0	0.53	0	0	4.28	0	0	0	0	0	0	-12.92	-12.92
mit. Value D/N:	0	0																									
Level D/N:	22.0953	22.0953																									

Receiver: Existing Noise Receptor
ID: R29
X: 520478
Y: 4885862
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	INVERTER	MV37	520345.66	4884850.78	2	0	0	100.3	100.3	1	1019.85	3.25	0	71.17	0	-0.24	0	0	10.98	0	0	0	0	0	0	18.4	18.4
	INVERTER	MV39	520562.49	4884730.78	2	0	0	100.3	100.3	1	1134.38	3.25	0	72.1	0	-0.18	0	0	11.33	0	0	0	0	0	0	17.07	17.07
	INVERTER	MV38	520380.93	4884646.78	2	0	0	100.3	100.3	1	1219.1	3.25	0	72.72	0	-0.15	0	0	11.58	0	0	0	0	0	0	16.16	16.16
	INVERTER	MV44	521154.3	4884833.37	2	0	0	100.3	100.3	1	1231.04	3.25	0	72.81	0	-0.14	0	0	11.61	0	0	0	0	0	0	16.03	16.03
	INVERTER	MV41	520981.28	4884667.9	2	0	0	100.3	100.3	1	1295.83	3.25	0	73.25	0	-0.11	0	0	11.79	0	0	0	0	0	0	15.38	15.38
	INVERTER	MV45	521201.3	4884593.26	2	0	0	100.3	100.3	1	1460.43	3.25	0	74.29	0	-0.05	0	0	12.23	0	0	0	0	0	0	13.85	13.85
	INVERTER	MV42	521026.63	4884437.16	2	0	0	100.3	100.3	1	1526.82	3.25	0	74.68	0	-0.02	0	0	12.39	0	0	0	0	0	0	13.27	13.27
	INVERTER	MV40	520573.85	4884258.92	2	0	0	86.1	86.1	1	1605.95	3.25	0	75.11	0	0.82	0	0	7.39	0	0	0	0	0	0	2.74	2.74
	INV TRANSFORMER	MV37T	520345.16	4884856.58	2	0	0	68.7	68.7	1	1014.16	3.25	0	71.12	0	0.28	0	0	2.55	0	0	0	0	0	0	-5.28	-5.28
	INV TRANSFORMER	MV39T	520562	4884736.58	2	0	0	68.7	68.7	1	1128.55	3.25	0	72.05	0	0.31	0	0	2.78	0	0	0	0	0	0	-6.46	-6.46
	INV TRANSFORMER	MV38T	520380.43	4884652.58	2	0	0	68.7	68.7	1	1213.35	3.25	0	72.68	0	0.33	0	0	2.94	0	0	0	0	0	0	-7.28	-7.28
	INV TRANSFORMER	MV44T	521153.69	4884839.17	2	0	0	68.7	68.7	1	1225.87	3.25	0	72.77	0	0.34	0	0	2.97	0	0	0	0	0	0	-7.4	-7.4
	INV TRANSFORMER	MV41T	520981.91	4884662.11	2	0	0	68.7	68.7	1	1301.41	3.25	0	73.29	0	0.36	0	0	3.11	0	0	0	0	0	0	-8.08	-8.08
	INV TRANSFORMER	MV40T	520573.54	4884264.74	2	0	0	69.6	69.6	1	1600.12	3.25	0	75.08	0	0.44	0	0	3.67	0	0	0	0	0	0	-9.61	-9.61
	INV TRANSFORMER	MV45T	521200.69	4884599.06	2	0	0	68.7	68.7	1	1455.1	3.25	0	74.26	0	0.4	0	0	3.4	0	0	0	0	0	0	-9.38	-9.38
	INV TRANSFORMER	MV42T	521027.26	4884431.37	2	0	0	68.7	68.7	1	1532.45	3.25	0	74.71	0	0.42	0	0	3.54	0	0	0	0	0	0	-9.99	-9.99
mit. Value D/N:	0	0																									

Level D/N: 24.5445 24.5445

Receiver: Existing Noise Receptor
ID: R30
X: 520324
Y: 4884070
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	INVERTER	MV20	520751.73	4883708.75	2	0	0	100.3	100.3	1	559.87	3.25	0	65.96	0	-0.51	0	0	8.95	0	0	0	0	0	0	25.9	25.9
	INVERTER	MV38	520380.93	4884646.78	2	0	0	100.3	100.3	1	579.58	3.25	0	66.26	0	-0.49	0	0	9.08	0	0	0	0	0	0	25.46	25.46
	INVERTER	MV22	520936.62	4883746.98	2	0	0	100.3	100.3	1	692.57	3.25	0	67.81	0	-0.42	0	0	9.7	0	0	0	0	0	0	23.22	23.22
	INVERTER	MV39	520562.49	4884730.78	2	0	0	100.3	100.3	1	702.5	3.25	0	67.93	0	-0.41	0	0	9.75	0	0	0	0	0	0	23.04	23.04
	INVERTER	MV21	520786.65	4883506.75	2	0	0	100.3	100.3	1	728.9	3.25	0	68.25	0	-0.39	0	0	9.87	0	0	0	0	0	0	22.58	22.58
	INVERTER	MV37	520345.66	4884850.78	2	0	0	100.3	100.3	1	781.08	3.25	0	68.85	0	-0.36	0	0	10.1	0	0	0	0	0	0	21.72	21.72
	INVERTER	MV42	521026.63	4884437.16	2	0	0	100.3	100.3	1	792.78	3.25	0	68.98	0	-0.36	0	0	10.15	0	0	0	0	0	0	21.53	21.53
	INVERTER	MV23	520969.51	4883556.75	2	0	0	100.3	100.3	1	824.69	3.25	0	69.33	0	-0.34	0	0	10.28	0	0	0	0	0	0	21.04	21.04
	INVERTER	MV41	520981.28	4884667.9	2	0	0	100.3	100.3	1	888.54	3.25	0	69.97	0	-0.3	0	0	10.52	0	0	0	0	0	0	20.12	20.12
	INVERTER	MV27	521154.04	4883596.75	2	0	0	100.3	100.3	1	955.47	3.25	0	70.6	0	-0.27	0	0	10.76	0	0	0	0	0	0	19.22	19.22
	INVERTER	MV24	521002.3	4883366.75	2	0	0	100.3	100.3	1	977.06	3.25	0	70.8	0	-0.26	0	0	10.83	0	0	0	0	0	0	18.94	18.94
	INVERTER	MV45	521201.3	4884593.26	2	0	0	100.3	100.3	1	1021.5	3.25	0	71.18	0	-0.24	0	0	10.98	0	0	0	0	0	0	18.38	18.38
	INVERTER	MV28	521190.35	4883386.75	2	0	0	100.3	100.3	1	1103.35	3.25	0	71.85	0	-0.2	0	0	11.24	0	0	0	0	0	0	17.42	17.42
	INVERTER	MV44	521154.3	4884833.37	2	0	0	100.3	100.3	1	1127.89	3.25	0	72.05	0	-0.19	0	0	11.31	0	0	0	0	0	0	17.14	17.14
	INVERTER	MV25	521036.94	4883166.75	2	0	0	100.3	100.3	1	1150.72	3.25	0	72.22	0	-0.18	0	0	11.38	0	0	0	0	0	0	16.89	16.89
	INVERTER	MV31	521375.47	4883526.75	2	0	0	100.3	100.3	1	1183.51	3.25	0	72.46	0	-0.16	0	0	11.48	0	0	0	0	0	0	16.53	16.53
	INVERTER	MV26	521131.56	4883726.75	2	0	0	97.3	97.3	1	877.48	3.25	0	69.86	0	-0.31	0	0	10.48	0	0	0	0	0	0	17.27	17.27
	INVERTER	MV29	521223.2	4883196.75	2	0	0	100.3	100.3	1	1253.44	3.25	0	72.96	0	-0.13	0	0	11.68	0	0	0	0	0	0	15.8	15.8
	INVERTER	MV33	521543.7	4883556.75	2	0	0	100.3	100.3	1	1323.29	3.25	0	73.43	0	-0.1	0	0	11.87	0	0	0	0	0	0	15.11	15.11
	INVERTER	MV36	521687.36	4883832.75	2	0	0	100.3	100.3	1	1383.85	3.25	0	73.82	0	-0.08	0	0	12.03	0	0	0	0	0	0	14.54	14.54
	INVERTER	MV35	521726.44	4883606.75	2	0	0	100.3	100.3	1	1476.97	3.25	0	74.39	0	-0.04	0	0	12.27	0	0	0	0	0	0	13.7	13.7
	INVERTER	MV16	519639.48	4882701.1	2	0	0	100.3	100.3	1	1530.51	3.25	0	74.7	0	-0.02	0	0	12.4	0	0	0	0	0	0	13.24	13.24
	INVERTER	MV30	521351.26	4883666.75	2	0	0	97.3	97.3	1	1103.57	3.25	0	71.86	0	-0.2	0	0	11.24	0	0	0	0	0	0	14.41	14.41
	INVERTER	MV46	519569.31	4883250.26	2	0	0	97.3	97.3	1	1114.25	3.25	0	71.94	0	-0.19	0	0	11.27	0	0	0	0	0	0	14.29	14.29
	INVERTER	MV40	520573.85	4884258.92	2	0	0	86.1	86.1	1	313.24	3.25	0	60.92	0	0.38	0	0	4.23	0	0	0	0	0	0	20.53	20.53
	INVERTER	MV12	519470.71	4882665.21	2	0	0	100.3	100.3	1	1643.64	3.25	0	75.32	0	0.02	0	0	12.67	0	0	0	0	0	0	12.31	12.31
	INVERTER	MV17	519691.86	4882493.86	2	0	0	100.3	100.3	1	1698.18	3.25	0	75.6	0	0.04	0	0	12.8	0	0	0	0	0	0	11.88	11.88
	DSTATCOM UNIT	DSTAT	519479.25	4883282.56	2.5	0	0	96.6	96.6	1	1154.85	3.5	0	72.25	0	3	0	0	1.18	0	0	0	0	0	0	20.19	20.19
	INVERTER	MV32	521521.23	4883686.75	2	0	0	97.3	97.3	1	1257.08	3.25	0	72.99	0	-0.13	0	0	11.69	0	0	0	0	0	0	12.77	12.77
	INVERTER	MV8	519258.31	4882631.1	2	0	0	100.3	100.3	1	1790.56	3.25	0	76.06	0	0.07	0	0	13.01	0	0	0	0	0	0	11.18	11.18
	INVERTER	MV13	519509.24	4882443.86	2	0	0	100.3	100.3	1	1818.84	3.25	0	76.2	0	0.08	0	0	13.07	0	0	0	0	0	0	10.97	10.97
	INVERTER	MV18	519724.65	4882303.86	2	0	0	100.3	100.3	1	1865.06	3.25	0	76.41	0	0.09	0	0	13.17	0	0	0	0	0	0	10.64	10.64
	INVERTER	MV4	519089.82	4882595.21	2	0	0	100.3	100.3	1	1923.08	3.25	0	76.68	0	0.11	0	0	13.3	0	0	0	0	0	0	10.23	10.23
	INVERTER	MV9	519310.97	4882423.86	2	0	0	100.3	100.3	1	1932.87	3.25	0	76.72	0	0.11	0	0	13.32	0	0	0	0	0	0	10.16	10.16
	INVERTER	MV11	519364.7	4882769.62	2	0	0	97.3	97.3	1	1615.94	3.25	0	75.17	0	0.01	0	0	12.61	0	0	0	0	0	0	9.53	9.53
	INVERTER	MV47	519833.32	4883254.23	2	0	0	89.1	89.1	1	951.97	3.25	0	70.57	0	0.67	0	0	6.22	0	0	0	0	0	0	11.59	11.59
	SUBSTATION TRANSFORMER	TRS	519493.37	4883252.44	3.5	0	0	87.9	87.9	1	1165.48	4	0	72.33	0	-0.79	0	0	2.85	0	0	0	0	0	0	13.49	13.49
	LINE REACTOR	LR	519485	4883285	6.8	0	0	82	82	1	1148.98	5.65	0	72.21	0	-1.05	0	0	2.82	0	0	0	0	0	0	8.01	8.01
	INV TRANSFORMER	MV40T	520573.54	4884264.74	2	0	0	69.6	69.6	1	316.54	3.25	0	61.01	0	0.27	0	0	0.98	0	0	0	0	0	0	7.33	7.33
	INV TRANSFORMER	MV20T	520751.23	4883714.56	2	0	0	68.7	68.7	1	555.76	3.25	0	65.9	0	0.19	0	0	1.56	0	0	0	0	0	0	1.03	1.03
	INV TRANSFORMER	MV38T	520380.43	4884652.58	2	0	0	68.7	68.7	1	585.31	3.25	0	66.35	0	0.19	0	0	1.63	0	0	0	0	0	0	0.51	0.51
	INV TRANSFORMER	MV22T	520936.13	4883752.78	2	0	0	68.7	68.7	1	689.44	3.25	0	67.77	0	0.21	0	0	1.86	0	0	0	0	0	0	-1.16	-1.16
	INV TRANSFORMER	MV39T	520562	4884736.58	2	0	0	68.7	68.7	1	707.8	3.25	0	68	0	0.21	0	0	1.9	0	0	0	0	0	0	-1.43	-1.43
	INV TRANSFORMER	MV21T	520786.16	4883512.56	2	0	0	68.7	68.7	1	724.11	3.25	0	68.2	0	0.21	0	0	1.94	0	0	0	0	0	0	-1.67	-1.67
	INV TRANSFORMER	MV37T	520345.16	4884856.58	2	0	0	68.7	68.7	1	786.87	3.25	0	68.92	0	0.23	0	0	2.07	0	0	0	0	0	0	-2.54	-2.54
	INV TRANSFORMER	MV26T	521131.06	4883732.56	2	0	0	69.6	69.6	1	874.77	3.25	0	69.84	0	0.25	0	0	2.26	0	0	0	0	0	0	-2.77	-2.77
	INV TRANSFORMER	MV42T	521027.26	4884431.37	2	0	0	68.7	68.7	1	790.68	3.25	0	68.96	0	0.23	0	0	2.08	0	0	0	0	0	0	-2.59	-2.59
	INV TRANSFORMER	MV23T	520969.02	4883562.56	2	0	0	68.7	68.7	1	820.7	3.25	0	69.28	0	0.23	0	0	2.15	0	0	0	0	0	0	-2.99	-2.99
	INV TRANSFORMER	MV41T	520981.91	4884662.11	2	0	0	68.7	68.7	1	885.12	3.25	0	69.94	0	0.25	0	0	2.28	0	0	0	0	0	0	-3.8	-3.8
	INV TRANSFORMER	MV27T	521153.54	4883602.56	2	0	0	68.7	68.7	1	952.18	3.25	0	70.57	0	0.27	0	0	2.42	0	0	0	0	0	0	-4.59	-4.59
	INV TRANSFORMER	MV47T	519833.6	4883248.41	2	0	0	68.7	68.7	1	956.82	3.25	0	70.62	0	0.27	0	0	2.43	0	0	0	0	0	0	-4.64	-4.64
	INV TRANSFORMER	MV24T	521001.8	4883372.56	2	0	0	68.7	68.7	1	972.55	3.25	0	70.76	0	0.27	0	0	2.46	0	0	0	0	0	0	-4.82	-4.82
	INV TRANSFORMER	MV30T	521350.76	4883672.56	2	0	0	69.6	69.6	1	1101	3.25	0	71.84	0	0.31	0	0	2.72	0	0	0	0	0	0	-5.29	-5.29
	INV TRANSFORMER	MV46T	519569.03	4883256.08	2	0	0	69.6	69.6	1	1110.16	3.25	0	71.91	0	0.31	0	0	2.74	0	0	0	0	0	0	-5.38	-5.38
	INV TRANSFORMER	MV45T	521200.69	4884599.06	2	0	0	68.7	68.7	1	1023.96	3.25	0	71.21	0	0.29	0	0	2.57	0	0	0	0	0	0	-5.38	-5.38
	INV TRANSFORMER	MV28T	521189.85	4883392.56	2	0	0	68.7	68.7	1	1099.38	3.25	0	71.82	0	0.3	0	0	2.72	0	0	0	0	0	0	-6.17	-6.17
	INV TRANSFORMER	MV32T	521520.73	4883692.56	2	0	0	69.6	69.6	1	1254.84	3.25	0	72.97	0	0.34	0	0	3.02	0	0	0	0	0	0	-6.76	-6.76
	INV TRANSFORMER	MV44T	521153.69	4884839.17	2	0	0	68.7	68.7	1	1131.37	3.25	0	72.07	0	0.31	0	0	2.78	0	0	0	0	0	0	-6.49	-6.49
	INV TRANSFORMER	MV25T	521036.45	4883172.56	2	0	0	68.7	68.7	1	1145.86	3.25	0	72.18	0	0.32	0	0	2.81	0	0	0	0	0	0	-6.63	-6.63
	INV TRANSFORMER	MV31T	521374.97	4883532.56	2	0	0	68.7	68.7	1	1180.42	3.25	0	72.44	0	0.33	0	0	2.88	0	0	0	0	0	0	-6.97	-6.97
	INV TRANSFORMER	MV29T	521222.7	4883202.56	2	0	0	68.7	68.7	1	1249.05	3.25	0	72.93	0	0.34	0	0	3.01	0	0	0	0	0	0	-7.61	-7.61
	INV TRANSFORMER	MV33T	521543.21	4883562.56	2	0	0	68.7	68.7	1	1320.6	3.25	0	73.42	0	0.36	0	0	3.15	0	0	0	0	0	0	-8.25	-8.25

INV TRANSFORMER	MV36T	521686.86	4883838.56	2	0	0	68.7	68.7	1	1382.38	3.25	0	73.81	0	0.38	0	0	3.27	0	0	0	0	0	0	-8.78	-8.78
INV TRANSFORMER	MV11T	519370.5	4882770.13	2	0	0	69.6	69.6	1	1612.09	3.25	0	75.15	0	0.44	0	0	3.69	0	0	0	0	0	0	-9.7	-9.7
INV TRANSFORMER	MV35T	521725.94	4883612.56	2	0	0	68.7	68.7	1	1474.69	3.25	0	74.37	0	0.4	0	0	3.44	0	0	0	0	0	0	-9.54	-9.54
INV TRANSFORMER	MV16T	519639.98	4882695.3	2	0	0	68.7	68.7	1	1535.48	3.25	0	74.72	0	0.42	0	0	3.55	0	0	0	0	0	0	-10.02	-10.02
INV TRANSFORMER	MV12T	519470.22	4882671.01	2	0	0	68.7	68.7	1	1638.94	3.25	0	75.29	0	0.45	0	0	3.74	0	0	0	0	0	0	-10.8	-10.8
INV TRANSFORMER	MV17T	519691.37	4882499.67	2	0	0	68.7	68.7	1	1692.98	3.25	0	75.57	0	0.46	0	0	3.83	0	0	0	0	0	0	-11.19	-11.19
INV TRANSFORMER	MV8T	519258.81	4882625.3	2	0	0	68.7	68.7	1	1794.94	3.25	0	76.08	0	0.49	0	0	4.01	0	0	0	0	0	0	-11.91	-11.91
INV TRANSFORMER	MV13T	519508.74	4882449.67	2	0	0	68.7	68.7	1	1813.87	3.25	0	76.17	0	0.49	0	0	4.05	0	0	0	0	0	0	-12.04	-12.04
INV TRANSFORMER	MV18T	519724.16	4882309.67	2	0	0	68.7	68.7	1	1859.73	3.25	0	76.39	0	0.51	0	0	4.13	0	0	0	0	0	0	-12.34	-12.34
INV TRANSFORMER	MV4T	519089.32	4882601.01	2	0	0	68.7	68.7	1	1918.95	3.25	0	76.66	0	0.52	0	0	4.23	0	0	0	0	0	0	-12.73	-12.73
INV TRANSFORMER	MV9T	519310.48	4882429.67	2	0	0	68.7	68.7	1	1928.19	3.25	0	76.7	0	0.52	0	0	4.24	0	0	0	0	0	0	-12.79	-12.79
mit. Value D/N: 0	0																								
Level D/N: 34.673	34.673																								

Receiver: Existing Noise Receptor
ID: R31
X: 520048
Y: 4884092
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	INVERTER	MV38	520380.93	4884646.78	2	0	0	100.3	100.3	1	647.01	3.25	0	67.22	0	-0.45	0	0	9.47	0	0	0	0	0	0	24.07	24.07
	INVERTER	MV20	520751.73	4883708.75	2	0	0	100.3	100.3	1	801.32	3.25	0	69.08	0	-0.35	0	0	10.19	0	0	0	0	0	0	21.4	21.4
	INVERTER	MV37	520345.66	4884850.78	2	0	0	100.3	100.3	1	815.08	3.25	0	69.22	0	-0.34	0	0	10.24	0	0	0	0	0	0	21.19	21.19
	INVERTER	MV39	520562.49	4884730.78	2	0	0	100.3	100.3	1	820.21	3.25	0	69.28	0	-0.34	0	0	10.26	0	0	0	0	0	0	21.11	21.11
	INVERTER	MV21	520786.65	4883506.75	2	0	0	100.3	100.3	1	942.41	3.25	0	70.48	0	-0.27	0	0	10.72	0	0	0	0	0	0	19.39	19.39
	INVERTER	MV22	520936.62	4883746.98	2	0	0	100.3	100.3	1	953.26	3.25	0	70.58	0	-0.27	0	0	10.75	0	0	0	0	0	0	19.24	19.24
	INVERTER	MV42	521026.63	4884437.16	2	0	0	100.3	100.3	1	1037.72	3.25	0	71.32	0	-0.23	0	0	11.03	0	0	0	0	0	0	18.18	18.18
	INVERTER	MV23	520969.51	4883556.75	2	0	0	100.3	100.3	1	1065.68	3.25	0	71.55	0	-0.21	0	0	11.12	0	0	0	0	0	0	17.85	17.85
	INVERTER	MV41	520981.28	4884667.9	2	0	0	100.3	100.3	1	1096.67	3.25	0	71.8	0	-0.2	0	0	11.22	0	0	0	0	0	0	17.49	17.49
	INVERTER	MV24	521002.3	4883366.75	2	0	0	100.3	100.3	1	1198.61	3.25	0	72.57	0	-0.15	0	0	11.52	0	0	0	0	0	0	16.37	16.37
	INVERTER	MV27	521154.04	4883596.75	2	0	0	100.3	100.3	1	1211.85	3.25	0	72.67	0	-0.15	0	0	11.56	0	0	0	0	0	0	16.23	16.23
	INVERTER	MV45	521201.3	4884593.26	2	0	0	100.3	100.3	1	1257.52	3.25	0	72.99	0	-0.13	0	0	11.69	0	0	0	0	0	0	15.76	15.76
	INVERTER	MV44	521154.3	4884833.37	2	0	0	100.3	100.3	1	1331.74	3.25	0	73.49	0	-0.1	0	0	11.89	0	0	0	0	0	0	15.03	15.03
	INVERTER	MV28	521190.35	4883386.75	2	0	0	100.3	100.3	1	1342.51	3.25	0	73.56	0	-0.09	0	0	11.92	0	0	0	0	0	0	14.93	14.93
	INVERTER	MV25	521036.94	4883166.75	2	0	0	100.3	100.3	1	1354.29	3.25	0	73.63	0	-0.09	0	0	11.95	0	0	0	0	0	0	14.82	14.82
	INVERTER	MV46	519569.31	4883250.26	2	0	0	97.3	97.3	1	968.34	3.25	0	70.72	0	-0.26	0	0	10.8	0	0	0	0	0	0	16.05	16.05
	INVERTER	MV31	521375.47	4883526.75	2	0	0	100.3	100.3	1	1442.8	3.25	0	74.18	0	-0.06	0	0	12.18	0	0	0	0	0	0	14	14
	INVERTER	MV16	519639.48	4882701.1	2	0	0	100.3	100.3	1	1449.65	3.25	0	74.23	0	-0.05	0	0	12.2	0	0	0	0	0	0	13.94	13.94
	INVERTER	MV29	521223.2	4883196.75	2	0	0	100.3	100.3	1	1477.35	3.25	0	74.39	0	-0.04	0	0	12.27	0	0	0	0	0	0	13.7	13.7
	DSTATCOM UNIT	DSTAT	519479.25	4883282.56	2.5	0	0	96.6	96.6	1	989.28	3.5	0	70.91	0	2.91	0	0	1.07	0	0	0	0	0	0	21.75	21.75
	INVERTER	MV12	519470.71	4882665.21	2	0	0	100.3	100.3	1	1539.16	3.25	0	74.75	0	-0.02	0	0	12.42	0	0	0	0	0	0	13.16	13.16
	INVERTER	MV33	521543.7	4883556.75	2	0	0	100.3	100.3	1	1588.59	3.25	0	75.02	0	0	0	0	12.54	0	0	0	0	0	0	12.75	12.75
	INVERTER	MV26	521131.56	4883726.75	2	0	0	97.3	97.3	1	1143.46	3.25	0	72.16	0	-0.18	0	0	11.36	0	0	0	0	0	0	13.97	13.97
	INVERTER	MV17	519691.86	4882493.86	2	0	0	100.3	100.3	1	1637.34	3.25	0	75.28	0	0.02	0	0	12.66	0	0	0	0	0	0	12.36	12.36
	INVERTER	MV36	521687.36	4883832.75	2	0	0	100.3	100.3	1	1659.73	3.25	0	75.4	0	0.02	0	0	12.71	0	0	0	0	0	0	12.18	12.18
	INVERTER	MV8	519258.31	4882631.1	2	0	0	100.3	100.3	1	1660.67	3.25	0	75.41	0	0.02	0	0	12.71	0	0	0	0	0	0	12.17	12.17
	INVERTER	MV13	519509.24	4882443.86	2	0	0	100.3	100.3	1	1733.96	3.25	0	75.78	0	0.05	0	0	12.88	0	0	0	0	0	0	11.6	11.6
	INVERTER	MV35	521726.44	4883606.75	2	0	0	100.3	100.3	1	1747.17	3.25	0	75.85	0	0.05	0	0	12.91	0	0	0	0	0	0	11.5	11.5
	INVERTER	MV4	519089.82	4882595.21	2	0	0	100.3	100.3	1	1777.22	3.25	0	75.99	0	0.06	0	0	12.98	0	0	0	0	0	0	11.28	11.28
	INVERTER	MV18	519724.65	4882303.86	2	0	0	100.3	100.3	1	1817.14	3.25	0	76.19	0	0.07	0	0	13.07	0	0	0	0	0	0	10.98	10.98
	INVERTER	MV9	519310.97	4882423.86	2	0	0	100.3	100.3	1	1823.7	3.25	0	76.22	0	0.08	0	0	13.08	0	0	0	0	0	0	10.93	10.93
	INVERTER	MV30	521351.26	4883666.75	2	0	0	97.3	97.3	1	1370.89	3.25	0	73.74	0	-0.08	0	0	11.99	0	0	0	0	0	0	11.66	11.66
	INVERTER	MV5	519126.62	4882383.86	2	0	0	100.3	100.3	1	1940.79	3.25	0	76.76	0	0.11	0	0	13.34	0	0	0	0	0	0	10.1	10.1
	INVERTER	MV14	519549.01	4882213.86	2	0	0	100.3	100.3	1	1943.3	3.25	0	76.77	0	0.11	0	0	13.34	0	0	0	0	0	0	10.09	10.09
	INVERTER	MV11	519364.7	4882769.62	2	0	0	97.3	97.3	1	1488.49	3.25	0	74.45	0	-0.04	0	0	12.3	0	0	0	0	0	0	10.6	10.6
	INVERTER	MV32	521521.23	4883686.75	2	0	0	97.3	97.3	1	1527.95	3.25	0	74.68	0	-0.02	0	0	12.39	0	0	0	0	0	0	10.26	10.26
	INVERTER	MV40	520573.85	4884258.92	2	0	0	86.1	86.1	1	551.71	3.25	0	65.83	0	0.55	0	0	5.31	0	0	0	0	0	0	14.36	14.36
	INVERTER	MV47	519833.32	4883254.23	2	0	0	89.1	89.1	1	864.84	3.25	0	69.74	0	0.65	0	0	6.05	0	0	0	0	0	0	12.61	12.61
	SUBSTATION TRANSFORMER	TRS	519493.37	4883252.44	3.5	0	0	87.9	87.9	1	1006.22	4	0	71.05	0	-0.8	0	0	2.53	0	0	0	0	0	0	15.09	15.09
	LINE REACTOR	LR	519485	4883285	6.8	0	0	82	82	1	983.98	5.65	0	70.86	0	-1.03	0	0	2.49	0	0	0	0	0	0	9.66	9.66
	INV TRANSFORMER	MV40T	520573.54	4884264.74	2	0	0	69.6	69.6	1	553.21	3.25	0	65.86	0	0.19	0	0	1.55	0	0	0	0	0	0	1.98	1.98
	INV TRANSFORMER	MV38T	520380.43	4884652.58	2	0	0	68.7	68.7	1	651.74	3.25	0	67.28	0	0.2	0	0	1.78	0	0	0	0	0	0	-0.58	-0.58
	INV TRANSFORMER	MV20T	520751.23	4883714.56	2	0	0	68.7	68.7	1	798.13	3.25	0	69.04	0	0.23	0	0	2.1	0	0	0	0	0	0	-2.69	-2.69
	INV TRANSFORMER	MV37T	520345.16	4884856.58	2	0	0	68.7	68.7	1	820.3	3.25	0	69.28	0	0.23	0	0	2.15	0	0	0	0	0	0	-2.98	-2.98
	INV TRANSFORMER	MV39T	520562	4884736.58	2	0	0	68.7	68.7	1	824.43	3.25	0	69.32	0	0.24	0	0	2.16	0	0	0	0	0	0	-3.04	-3.04
	INV TRANSFORMER	MV46T	519569.03	4883256.08	2	0	0	69.6	69.6	1	963.42	3.25	0	70.68	0	0.27	0	0	2.45	0	0	0	0	0	0	-3.81	-3.81
	INV TRANSFORMER	MV47T	519833.6	4883248.41	2	0	0	68.7	68.7	1	870.41	3.25	0	69.79	0	0.25	0	0	2.25	0	0	0	0	0	0	-3.62	-3.62
	INV TRANSFORMER	MV21T	520786.16	4883512.56	2	0	0	68.7	68.7	1	938.42	3.25	0	70.45	0	0.26	0	0	2.39	0	0	0	0	0	0	-4.43	-4.43
	INV TRANSFORMER	MV22T	520936.13	4883752.78	2	0	0	68.7	68.7	1	950.71	3.25	0	70.56	0	0.27	0	0	2.42	0	0	0	0	0	0	-4.57	-4.57
	INV TRANSFORMER	MV26T	521131.06	4883732.56	2	0	0	69.6	69.6	1	1141.15	3.25	0	72.15	0	0.32	0	0	2.8	0	0	0	0	0	0	-5.69	-5.69

INV TRANSFORMER	MV42T	521027.26	4884431.37	2	0	0	68.7	68.7	1	1036.4	3.25	0	71.31	0	0.29	0	0	2.59	0	0	0	0	0	0	-5.52	-5.52
INV TRANSFORMER	MV23T	520969.02	4883562.56	2	0	0	68.7	68.7	1	1062.35	3.25	0	71.53	0	0.3	0	0	2.65	0	0	0	0	0	0	-5.79	-5.79
INV TRANSFORMER	MV41T	520981.91	4884662.11	2	0	0	68.7	68.7	1	1094.17	3.25	0	71.78	0	0.3	0	0	2.71	0	0	0	0	0	0	-6.12	-6.12
INV TRANSFORMER	MV24T	521001.8	4883372.56	2	0	0	68.7	68.7	1	1194.72	3.25	0	72.55	0	0.33	0	0	2.91	0	0	0	0	0	0	-7.11	-7.11
INV TRANSFORMER	MV27T	521153.54	4883602.56	2	0	0	68.7	68.7	1	1209.04	3.25	0	72.65	0	0.33	0	0	2.93	0	0	0	0	0	0	-7.24	-7.24
INV TRANSFORMER	MV30T	521350.76	4883672.56	2	0	0	69.6	69.6	1	1368.62	3.25	0	73.73	0	0.37	0	0	3.24	0	0	0	0	0	0	-7.76	-7.76
INV TRANSFORMER	MV45T	521200.69	4884599.06	2	0	0	68.7	68.7	1	1259.28	3.25	0	73	0	0.35	0	0	3.03	0	0	0	0	0	0	-7.7	-7.7
INV TRANSFORMER	MV44T	521153.69	4884839.17	2	0	0	68.7	68.7	1	1334.47	3.25	0	73.51	0	0.37	0	0	3.18	0	0	0	0	0	0	-8.37	-8.37
INV TRANSFORMER	MV28T	521189.85	4883392.56	2	0	0	68.7	68.7	1	1339.05	3.25	0	73.54	0	0.37	0	0	3.18	0	0	0	0	0	0	-8.41	-8.41
INV TRANSFORMER	MV11T	519370.5	4882770.13	2	0	0	69.6	69.6	1	1485.38	3.25	0	74.44	0	0.41	0	0	3.46	0	0	0	0	0	0	-8.72	-8.72
INV TRANSFORMER	MV25T	521036.45	4883172.56	2	0	0	68.7	68.7	1	1349.97	3.25	0	73.61	0	0.37	0	0	3.2	0	0	0	0	0	0	-8.5	-8.5
INV TRANSFORMER	MV32T	521520.73	4883692.56	2	0	0	69.6	69.6	1	1525.94	3.25	0	74.67	0	0.42	0	0	3.53	0	0	0	0	0	0	-9.04	-9.04
INV TRANSFORMER	MV31T	521374.97	4883532.56	2	0	0	68.7	68.7	1	1440.08	3.25	0	74.17	0	0.39	0	0	3.37	0	0	0	0	0	0	-9.26	-9.26
INV TRANSFORMER	MV16T	519639.98	4882695.3	2	0	0	68.7	68.7	1	1455.08	3.25	0	74.26	0	0.4	0	0	3.4	0	0	0	0	0	0	-9.38	-9.38
INV TRANSFORMER	MV29T	521222.7	4883202.56	2	0	0	68.7	68.7	1	1473.44	3.25	0	74.37	0	0.4	0	0	3.44	0	0	0	0	0	0	-9.53	-9.53
INV TRANSFORMER	MV12T	519470.22	4882671.01	2	0	0	68.7	68.7	1	1533.97	3.25	0	74.72	0	0.42	0	0	3.55	0	0	0	0	0	0	-10	-10
INV TRANSFORMER	MV33T	521543.21	4883562.56	2	0	0	68.7	68.7	1	1586.18	3.25	0	75.01	0	0.43	0	0	3.64	0	0	0	0	0	0	-10.4	-10.4
INV TRANSFORMER	MV17T	519691.37	4882499.67	2	0	0	68.7	68.7	1	1631.78	3.25	0	75.25	0	0.44	0	0	3.72	0	0	0	0	0	0	-10.74	-10.74
INV TRANSFORMER	MV36T	521686.86	4883838.56	2	0	0	68.7	68.7	1	1658.35	3.25	0	75.39	0	0.45	0	0	3.77	0	0	0	0	0	0	-10.94	-10.94
INV TRANSFORMER	MV8T	519258.81	4882625.3	2	0	0	68.7	68.7	1	1665.55	3.25	0	75.43	0	0.45	0	0	3.78	0	0	0	0	0	0	-10.99	-10.99
INV TRANSFORMER	MV13T	519508.74	4882449.67	2	0	0	68.7	68.7	1	1728.6	3.25	0	75.75	0	0.47	0	0	3.9	0	0	0	0	0	0	-11.44	-11.44
INV TRANSFORMER	MV35T	521725.94	4883612.56	2	0	0	68.7	68.7	1	1745.09	3.25	0	75.84	0	0.47	0	0	3.93	0	0	0	0	0	0	-11.56	-11.56
INV TRANSFORMER	MV4T	519089.32	4882601.01	2	0	0	68.7	68.7	1	1772.61	3.25	0	75.97	0	0.48	0	0	3.97	0	0	0	0	0	0	-11.75	-11.75
INV TRANSFORMER	MV18T	519724.16	4882309.67	2	0	0	68.7	68.7	1	1811.52	3.25	0	76.16	0	0.49	0	0	4.04	0	0	0	0	0	0	-12.02	-12.02
INV TRANSFORMER	MV9T	519310.48	4882429.67	2	0	0	68.7	68.7	1	1818.6	3.25	0	76.19	0	0.49	0	0	4.05	0	0	0	0	0	0	-12.07	-12.07
INV TRANSFORMER	MV5T	519126.12	4882389.67	2	0	0	68.7	68.7	1	1935.92	3.25	0	76.74	0	0.53	0	0	4.26	0	0	0	0	0	0	-12.84	-12.84
INV TRANSFORMER	MV14T	519548.51	4882219.67	2	0	0	68.7	68.7	1	1937.81	3.25	0	76.75	0	0.53	0	0	4.26	0	0	0	0	0	0	-12.86	-12.86

mit. Value D/N: 0 0

Level D/N: 32.6067 32.6067

Receiver: Existing Noise Receptor
ID: R32
X: 521186
Y: 4884030
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	INVERTER	MV22	520936.62	4883746.98	2	0	0	100.3	100.3	1	377.22	3.25	0	62.53	0	-0.63	0	0	7.37	0	0	0	0	0	0	31.04	31.04
	INVERTER	MV27	521154.04	4883596.75	2	0	0	100.3	100.3	1	434.43	3.25	0	63.76	0	-0.6	0	0	7.96	0	0	0	0	0	0	29.19	29.19
	INVERTER	MV26	521131.56	4883726.75	2	0	0	97.3	97.3	1	308.1	3.25	0	60.77	0	-0.65	0	0	6.51	0	0	0	0	0	0	30.68	30.68
	INVERTER	MV42	521026.63	4884437.16	2	0	0	100.3	100.3	1	437.24	3.25	0	63.81	0	-0.6	0	0	7.99	0	0	0	0	0	0	29.1	29.1
	INVERTER	MV23	520969.51	4883556.75	2	0	0	100.3	100.3	1	520.42	3.25	0	65.33	0	-0.54	0	0	8.68	0	0	0	0	0	0	26.84	26.84
	INVERTER	MV31	521375.47	4883526.75	2	0	0	100.3	100.3	1	537.74	3.25	0	65.61	0	-0.52	0	0	8.8	0	0	0	0	0	0	26.42	26.42
	INVERTER	MV36	521687.36	4883832.75	2	0	0	100.3	100.3	1	538.77	3.25	0	65.63	0	-0.52	0	0	8.81	0	0	0	0	0	0	26.4	26.4
	INVERTER	MV20	520751.73	4883708.75	2	0	0	100.3	100.3	1	540.18	3.25	0	65.65	0	-0.52	0	0	8.82	0	0	0	0	0	0	26.36	26.36
	INVERTER	MV45	521201.3	4884593.26	2	0	0	100.3	100.3	1	563.48	3.25	0	66.02	0	-0.5	0	0	8.98	0	0	0	0	0	0	25.82	25.82
	INVERTER	MV30	521351.26	4883666.75	2	0	0	97.3	97.3	1	399.08	3.25	0	63.02	0	-0.62	0	0	7.61	0	0	0	0	0	0	27.3	27.3
	INVERTER	MV33	521543.7	4883556.75	2	0	0	100.3	100.3	1	593.23	3.25	0	66.46	0	-0.48	0	0	9.16	0	0	0	0	0	0	25.17	25.17
	INVERTER	MV28	521190.35	4883386.75	2	0	0	100.3	100.3	1	643.27	3.25	0	67.17	0	-0.45	0	0	9.45	0	0	0	0	0	0	24.14	24.14
	INVERTER	MV21	520786.65	4883506.75	2	0	0	100.3	100.3	1	658.23	3.25	0	67.37	0	-0.44	0	0	9.53	0	0	0	0	0	0	23.86	23.86
	INVERTER	MV41	520981.28	4884667.9	2	0	0	100.3	100.3	1	669.95	3.25	0	67.52	0	-0.43	0	0	9.59	0	0	0	0	0	0	23.63	23.63
	INVERTER	MV32	521521.23	4883686.75	2	0	0	97.3	97.3	1	479.79	3.25	0	64.62	0	-0.57	0	0	8.36	0	0	0	0	0	0	24.89	24.89
	INVERTER	MV35	521726.44	4883606.75	2	0	0	100.3	100.3	1	686.45	3.25	0	67.73	0	-0.42	0	0	9.67	0	0	0	0	0	0	23.33	23.33
	INVERTER	MV24	521002.3	4883366.75	2	0	0	100.3	100.3	1	688.22	3.25	0	67.75	0	-0.42	0	0	9.68	0	0	0	0	0	0	23.3	23.3
	INVERTER	MV44	521154.3	4884833.37	2	0	0	100.3	100.3	1	804	3.25	0	69.11	0	-0.35	0	0	10.2	0	0	0	0	0	0	21.36	21.36
	INVERTER	MV29	521223.2	4883196.75	2	0	0	100.3	100.3	1	834.08	3.25	0	69.42	0	-0.33	0	0	10.32	0	0	0	0	0	0	20.9	20.9
	INVERTER	MV25	521036.94	4883166.75	2	0	0	100.3	100.3	1	876.02	3.25	0	69.85	0	-0.31	0	0	10.48	0	0	0	0	0	0	20.29	20.29
	INVERTER	MV39	520562.49	4884730.78	2	0	0	100.3	100.3	1	938.01	3.25	0	70.44	0	-0.28	0	0	10.7	0	0	0	0	0	0	19.44	19.44
	INVERTER	MV38	520380.93	4884646.78	2	0	0	100.3	100.3	1	1014.18	3.25	0	71.12	0	-0.24	0	0	10.96	0	0	0	0	0	0	18.47	18.47
	INVERTER	MV37	520345.66	4884850.78	2	0	0	100.3	100.3	1	1174.67	3.25	0	72.4	0	-0.17	0	0	11.45	0	0	0	0	0	0	16.63	16.63
	INVERTER	MV46	519569.31	4883250.26	2	0	0	97.3	97.3	1	1794.91	3.25	0	76.08	0	0.07	0	0	13.02	0	0	0	0	0	0	8.15	8.15
	DSTATCOM UNIT	DSTAT	519479.25	4883282.56	2.5	0	0	96.6	96.6	1	1863.24	3.5	0	76.41	0	3.19	0	0	1.63	0	0	0	0	0	0	15.4	15.4
	INVERTER	MV40	520573.85	4884258.92	2	0	0	86.1	86.1	1	653.56	3.25	0	67.31	0	0.6	0	0	5.59	0	0	0	0	0	0	12.57	12.57
	INVERTER	MV47	519833.32	4883254.23	2	0	0	89.1	89.1	1	1559.35	3.25	0	74.86	0	0.81	0	0	7.31	0	0	0	0	0	0	6.08	6.08
	SUBSTATION TRANSFORMER	TRS	519493.37	4883252.44	3.5	0	0	87.9	87.9	1	1862.69	4	0	76.4	0	-0.69	0	0	4.13	0	0	0	0	0	0	8.04	8.04
	INV TRANSFORMER	MV26T	521131.06	4883732.56	2	0	0	69.6	69.6	1	302.48	3.25	0	60.61	0	0.28	0	0	0.94	0	0	0	0	0	0	7.74	7.74
	INV TRANSFORMER	MV30T	521350.76	4883672.56	2	0	0	69.6	69.6	1	393.6	3.25	0	62.9	0	0.21	0	0	1.17	0	0	0	0	0	0	5.29	5.29
	INV TRANSFORMER	MV22T	520936.13	4883752.78	2	0	0	68.7	68.7	1	373.22	3.25	0	62.44	0	0.22	0	0	1.12	0	0	0	0	0	0	4.89	4.89
	LINE REACTOR	LR	519485	4883285	6.8	0	0	82	82	1	1857	5.65	0	76.38	0	-1.05	0	0	4.12	0	0	0	0	0	0	2.53	2.53
	INV TRANSFORMER	MV32T	521520.73	4883692.56	2	0	0	69.6	69.6	1	475.31	3.25	0	64.54	0	0.19	0	0	1.37	0	0	0	0	0	0	3.48	3.48
	INV TRANSFORMER	MV27T	521153.54	4883602.56	2	0	0	68.7	68.7	1	428.68	3.25	0	63.64	0	0.2	0	0	1.26	0	0	0	0	0	0	3.58	3.58

INV TRANSFORMER	MV42T	521027.26	4884431.37	2	0	0	68.7	68.7	1	431.62	3.25	0	63.7	0	0.2	0	0	1.27	0	0	0	0	0	0	3.51	3.51
INV TRANSFORMER	MV23T	520969.02	4883562.56	2	0	0	68.7	68.7	1	515.35	3.25	0	65.24	0	0.19	0	0	1.47	0	0	0	0	0	0	1.78	1.78
INV TRANSFORMER	MV31T	521374.97	4883532.56	2	0	0	68.7	68.7	1	532.13	3.25	0	65.52	0	0.19	0	0	1.51	0	0	0	0	0	0	1.46	1.46
INV TRANSFORMER	MV36T	521686.86	4883838.56	2	0	0	68.7	68.7	1	536.21	3.25	0	65.59	0	0.19	0	0	1.52	0	0	0	0	0	0	1.39	1.39
INV TRANSFORMER	MV20T	520751.23	4883714.56	2	0	0	68.7	68.7	1	537.15	3.25	0	65.6	0	0.19	0	0	1.52	0	0	0	0	0	0	1.37	1.37
INV TRANSFORMER	MV45T	521200.69	4884599.06	2	0	0	68.7	68.7	1	569.25	3.25	0	66.11	0	0.19	0	0	1.59	0	0	0	0	0	0	0.79	0.79
INV TRANSFORMER	MV33T	521543.21	4883562.56	2	0	0	68.7	68.7	1	588.31	3.25	0	66.39	0	0.19	0	0	1.64	0	0	0	0	0	0	0.46	0.46
INV TRANSFORMER	MV40T	520573.54	4884264.74	2	0	0	69.6	69.6	1	655.91	3.25	0	67.34	0	0.2	0	0	1.79	0	0	0	0	0	0	0.25	0.25
INV TRANSFORMER	MV28T	521189.85	4883392.56	2	0	0	68.7	68.7	1	637.46	3.25	0	67.09	0	0.2	0	0	1.75	0	0	0	0	0	0	-0.36	-0.36
INV TRANSFORMER	MV21T	520786.16	4883512.56	2	0	0	68.7	68.7	1	653.93	3.25	0	67.31	0	0.2	0	0	1.78	0	0	0	0	0	0	-0.62	-0.62
INV TRANSFORMER	MV41T	520981.91	4884662.11	2	0	0	68.7	68.7	1	664.24	3.25	0	67.45	0	0.2	0	0	1.81	0	0	0	0	0	0	-0.78	-0.78
INV TRANSFORMER	MV35T	521725.94	4883612.56	2	0	0	68.7	68.7	1	682.5	3.25	0	67.68	0	0.2	0	0	1.85	0	0	0	0	0	0	-1.06	-1.06
INV TRANSFORMER	MV24T	521001.8	4883372.56	2	0	0	68.7	68.7	1	682.76	3.25	0	67.69	0	0.2	0	0	1.85	0	0	0	0	0	0	-1.06	-1.06
INV TRANSFORMER	MV44T	521153.69	4884839.17	2	0	0	68.7	68.7	1	809.81	3.25	0	69.17	0	0.23	0	0	2.12	0	0	0	0	0	0	-2.85	-2.85
INV TRANSFORMER	MV29T	521222.7	4883202.56	2	0	0	68.7	68.7	1	828.26	3.25	0	69.36	0	0.24	0	0	2.16	0	0	0	0	0	0	-3.09	-3.09
INV TRANSFORMER	MV25T	521036.45	4883172.56	2	0	0	68.7	68.7	1	870.39	3.25	0	69.79	0	0.25	0	0	2.25	0	0	0	0	0	0	-3.62	-3.62
INV TRANSFORMER	MV39T	520562	4884736.58	2	0	0	68.7	68.7	1	942.68	3.25	0	70.49	0	0.26	0	0	2.4	0	0	0	0	0	0	-4.48	-4.48
INV TRANSFORMER	MV38T	520380.43	4884652.58	2	0	0	68.7	68.7	1	1018.11	3.25	0	71.16	0	0.28	0	0	2.56	0	0	0	0	0	0	-5.32	-5.32
INV TRANSFORMER	MV37T	520345.16	4884856.58	2	0	0	68.7	68.7	1	1179.09	3.25	0	72.43	0	0.33	0	0	2.88	0	0	0	0	0	0	-6.96	-6.96
INV TRANSFORMER	MV47T	519833.6	4883248.41	2	0	0	68.7	68.7	1	1562.01	3.25	0	74.87	0	0.43	0	0	3.6	0	0	0	0	0	0	-10.22	-10.22
INV TRANSFORMER	MV46T	519569.03	4883256.08	2	0	0	69.6	69.6	1	1792.64	3.25	0	76.07	0	0.49	0	0	4.01	0	0	0	0	0	0	-10.99	-10.99
mit. Value D/N: 0	0																								
Level D/N: 39.67	39.67																								

Receiver: Existing Noise Receptor
ID: R33
X: 522280
Y: 4883191
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	INVERTER	MV35	521726.44	4883606.75	2	0	0	100.3	100.3	1	692.31	3.25	0	67.81	0	-0.42	0	0	9.7	0	0	0	0	0	0	23.22	23.22
	INVERTER	MV33	521543.7	4883556.75	2	0	0	100.3	100.3	1	822.14	3.25	0	69.3	0	-0.34	0	0	10.27	0	0	0	0	0	0	21.08	21.08
	INVERTER	MV36	521687.36	4883832.75	2	0	0	100.3	100.3	1	873.54	3.25	0	69.83	0	-0.31	0	0	10.47	0	0	0	0	0	0	20.33	20.33
	INVERTER	MV31	521375.47	4883526.75	2	0	0	100.3	100.3	1	964.84	3.25	0	70.69	0	-0.26	0	0	10.79	0	0	0	0	0	0	19.09	19.09
	INVERTER	MV29	521223.2	4883196.75	2	0	0	100.3	100.3	1	1056.82	3.25	0	71.48	0	-0.22	0	0	11.09	0	0	0	0	0	0	17.96	17.96
	INVERTER	MV28	521190.35	4883386.75	2	0	0	100.3	100.3	1	1107.1	3.25	0	71.88	0	-0.2	0	0	11.25	0	0	0	0	0	0	17.37	17.37
	INVERTER	MV27	521154.04	4883596.75	2	0	0	100.3	100.3	1	1196.84	3.25	0	72.56	0	-0.16	0	0	11.52	0	0	0	0	0	0	16.39	16.39
	INVERTER	MV25	521036.94	4883166.75	2	0	0	100.3	100.3	1	1243.29	3.25	0	72.89	0	-0.14	0	0	11.65	0	0	0	0	0	0	15.91	15.91
	INVERTER	MV32	521521.23	4883686.75	2	0	0	97.3	97.3	1	906.37	3.25	0	70.15	0	-0.29	0	0	10.59	0	0	0	0	0	0	16.87	16.87
	INVERTER	MV24	521002.3	4883366.75	2	0	0	100.3	100.3	1	1289.73	3.25	0	73.21	0	-0.12	0	0	11.78	0	0	0	0	0	0	15.44	15.44
	INVERTER	MV23	520969.51	4883556.75	2	0	0	100.3	100.3	1	1360.57	3.25	0	73.67	0	-0.09	0	0	11.97	0	0	0	0	0	0	14.76	14.76
	INVERTER	MV22	520936.62	4883746.98	2	0	0	100.3	100.3	1	1453.89	3.25	0	74.25	0	-0.05	0	0	12.21	0	0	0	0	0	0	13.9	13.9
	INVERTER	MV30	521351.26	4883666.75	2	0	0	97.3	97.3	1	1043.51	3.25	0	71.37	0	-0.23	0	0	11.05	0	0	0	0	0	0	15.12	15.12
	INVERTER	MV21	520786.65	4883506.75	2	0	0	100.3	100.3	1	1526.36	3.25	0	74.67	0	-0.02	0	0	12.39	0	0	0	0	0	0	13.27	13.27
	INVERTER	MV20	520751.73	4883708.75	2	0	0	100.3	100.3	1	1613.6	3.25	0	75.16	0	0.01	0	0	12.6	0	0	0	0	0	0	12.55	12.55
	INVERTER	MV42	521026.63	4884437.16	2	0	0	100.3	100.3	1	1767.44	3.25	0	75.95	0	0.06	0	0	12.96	0	0	0	0	0	0	11.35	11.35
	INVERTER	MV45	521201.3	4884593.26	2	0	0	100.3	100.3	1	1769.17	3.25	0	75.96	0	0.06	0	0	12.96	0	0	0	0	0	0	11.34	11.34
	INVERTER	MV26	521131.56	4883726.75	2	0	0	97.3	97.3	1	1267.26	3.25	0	73.06	0	-0.13	0	0	11.72	0	0	0	0	0	0	12.66	12.66
	INVERTER	MV41	520981.28	4884667.9	2	0	0	100.3	100.3	1	1966.7	3.25	0	76.87	0	0.12	0	0	13.39	0	0	0	0	0	0	9.93	9.93
	INVERTER	MV44	521154.3	4884833.37	2	0	0	100.3	100.3	1	1991.13	3.25	0	76.98	0	0.13	0	0	13.44	0	0	0	0	0	0	9.76	9.76
	INV TRANSFORMER	MV35T	521725.94	4883612.56	2	0	0	68.7	68.7	1	696.2	3.25	0	67.85	0	0.21	0	0	1.88	0	0	0	0	0	0	-1.26	-1.26
	INV TRANSFORMER	MV32T	521520.73	4883692.56	2	0	0	69.6	69.6	1	909.98	3.25	0	70.18	0	0.26	0	0	2.33	0	0	0	0	0	0	-3.2	-3.2
	INV TRANSFORMER	MV33T	521543.21	4883562.56	2	0	0	68.7	68.7	1	825.18	3.25	0	69.33	0	0.24	0	0	2.16	0	0	0	0	0	0	-3.05	-3.05
	INV TRANSFORMER	MV36T	521686.86	4883838.56	2	0	0	68.7	68.7	1	878.15	3.25	0	69.87	0	0.25	0	0	2.27	0	0	0	0	0	0	-3.71	-3.71
	INV TRANSFORMER	MV30T	521350.76	4883672.56	2	0	0	69.6	69.6	1	1046.61	3.25	0	71.4	0	0.29	0	0	2.61	0	0	0	0	0	0	-4.72	-4.72
	INV TRANSFORMER	MV31T	521374.97	4883532.56	2	0	0	68.7	68.7	1	967.34	3.25	0	70.71	0	0.27	0	0	2.45	0	0	0	0	0	0	-4.76	-4.76
	INV TRANSFORMER	MV29T	521222.7	4883202.56	2	0	0	68.7	68.7	1	1057.37	3.25	0	71.48	0	0.29	0	0	2.64	0	0	0	0	0	0	-5.74	-5.74
	INV TRANSFORMER	MV28T	521189.85	4883392.56	2	0	0	68.7	68.7	1	1108.63	3.25	0	71.9	0	0.31	0	0	2.74	0	0	0	0	0	0	-6.26	-6.26
	INV TRANSFORMER	MV26T	521131.06	4883732.56	2	0	0	69.6	69.6	1	1270.18	3.25	0	73.08	0	0.35	0	0	3.05	0	0	0	0	0	0	-6.9	-6.9
	INV TRANSFORMER	MV27T	521153.54	4883602.56	2	0	0	68.7	68.7	1	1199.29	3.25	0	72.58	0	0.33	0	0	2.92	0	0	0	0	0	0	-7.15	-7.15
	INV TRANSFORMER	MV25T	521036.45	4883172.56	2	0	0	68.7	68.7	1	1243.69	3.25	0	72.89	0	0.34	0	0	3	0	0	0	0	0	0	-7.56	-7.56
	INV TRANSFORMER	MV24T	521001.8	4883372.56	2	0	0	68.7	68.7	1	1291.03	3.25	0	73.22	0	0.35	0	0	3.09	0	0	0	0	0	0	-7.99	-7.99
	INV TRANSFORMER	MV23T	520969.02	4883562.56	2	0	0	68.7	68.7	1	1362.62	3.25	0	73.69	0	0.37	0	0	3.23	0	0	0	0	0	0	-8.61	-8.61
	INV TRANSFORMER	MV22T	520936.13	4883752.78	2	0	0	68.7	68.7	1	1456.57	3.25	0	74.27	0	0.4	0	0	3.4	0	0	0	0	0	0	-9.39	-9.39
	INV TRANSFORMER	MV21T	520786.16	4883512.56	2	0	0	68.7	68.7	1	1528.06	3.25	0	74.68	0	0.42	0	0	3.54	0	0	0	0	0	0	-9.96	-9.96
	INV TRANSFORMER	MV20T	520751.23	4883714.56	2	0	0	68.7	68.7	1	1615.94	3.25	0	75.17	0	0.44	0	0	3.69	0	0	0	0	0	0	-10.63	-10.63
	INV TRANSFORMER	MV42T	521027.26	4884431.37	2	0	0	68.7	68.7	1	1762.92	3.25	0	75.92	0	0.48	0	0	3.96	0	0	0	0	0	0	-11.68	-11.68
	INV TRANSFORMER	MV45T	521200.69	4884599.06	2	0	0	68.7	68.7	1	1774.13	3.25	0	75.98	0	0.48	0	0	3.98	0	0	0	0	0	0	-11.76	-11.76
	INV TRANSFORMER	MV41T	520981.91	4884662.11	2	0	0	68.7	68.7	1	1961.94	3.25	0	76.85	0	0.53	0	0	4.3	0	0	0	0	0	0	-13.01	-13.01
	INV TRANSFORMER	MV44T	521153.69	4884839.17	2	0	0	68.7	68.7	1	1996.25	3.25	0	77	0	0.54	0	0	4.36	0	0	0	0	0	0	-13.23	-13.23

mit. Value D/N: 0 0
Level D/N: 30.0282 30.0282

Receiver: Existing Noise Receptor
ID: R34
X: 522303
Y: 4883136
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	INVERTER	MV35	521726.44	4883606.75	2	0	0	100.3	100.3	1	744.34	3.25	0	68.44	0	-0.38	0	0	9.94	0	0	0	0	0	0	22.32	22.32
	INVERTER	MV33	521543.7	4883556.75	2	0	0	100.3	100.3	1	868.08	3.25	0	69.77	0	-0.31	0	0	10.45	0	0	0	0	0	0	20.41	20.41
	INVERTER	MV36	521687.36	4883832.75	2	0	0	100.3	100.3	1	929.78	3.25	0	70.37	0	-0.28	0	0	10.67	0	0	0	0	0	0	19.55	19.55
	INVERTER	MV31	521375.47	4883526.75	2	0	0	100.3	100.3	1	1006.49	3.25	0	71.06	0	-0.24	0	0	10.93	0	0	0	0	0	0	18.57	18.57
	INVERTER	MV29	521223.2	4883196.75	2	0	0	100.3	100.3	1	1081.51	3.25	0	71.68	0	-0.21	0	0	11.17	0	0	0	0	0	0	17.67	17.67
	INVERTER	MV28	521190.35	4883386.75	2	0	0	100.3	100.3	1	1140.56	3.25	0	72.14	0	-0.18	0	0	11.35	0	0	0	0	0	0	17	17
	INVERTER	MV27	521154.04	4883596.75	2	0	0	100.3	100.3	1	1237.91	3.25	0	72.85	0	-0.14	0	0	11.63	0	0	0	0	0	0	15.96	15.96
	INVERTER	MV25	521036.94	4883166.75	2	0	0	100.3	100.3	1	1266.43	3.25	0	73.05	0	-0.13	0	0	11.71	0	0	0	0	0	0	15.67	15.67
	INVERTER	MV24	521002.3	4883366.75	2	0	0	100.3	100.3	1	1321.01	3.25	0	73.42	0	-0.1	0	0	11.86	0	0	0	0	0	0	15.13	15.13
	INVERTER	MV32	521521.23	4883686.75	2	0	0	97.3	97.3	1	956.3	3.25	0	70.61	0	-0.27	0	0	10.76	0	0	0	0	0	0	16.2	16.2
	INVERTER	MV23	520969.51	4883556.75	2	0	0	100.3	100.3	1	1398.3	3.25	0	73.91	0	-0.07	0	0	12.07	0	0	0	0	0	0	14.41	14.41
	INVERTER	MV22	520936.62	4883746.98	2	0	0	100.3	100.3	1	1496.76	3.25	0	74.5	0	-0.03	0	0	12.32	0	0	0	0	0	0	13.53	13.53
	INVERTER	MV30	521351.26	4883666.75	2	0	0	97.3	97.3	1	1089.73	3.25	0	71.75	0	-0.2	0	0	11.2	0	0	0	0	0	0	14.57	14.57
	INVERTER	MV21	520786.65	4883506.75	2	0	0	100.3	100.3	1	1561.02	3.25	0	74.87	0	-0.01	0	0	12.47	0	0	0	0	0	0	12.98	12.98
	INVERTER	MV20	520751.73	4883708.75	2	0	0	100.3	100.3	1	1653.63	3.25	0	75.37	0	0.02	0	0	12.69	0	0	0	0	0	0	12.23	12.23
	INVERTER	MV42	521026.63	4884437.16	2	0	0	100.3	100.3	1	1822.67	3.25	0	76.21	0	0.08	0	0	13.08	0	0	0	0	0	0	10.94	10.94
	INVERTER	MV45	521201.3	4884593.26	2	0	0	100.3	100.3	1	1826.85	3.25	0	76.23	0	0.08	0	0	13.09	0	0	0	0	0	0	10.91	10.91
	INVERTER	MV26	521131.56	4883726.75	2	0	0	97.3	97.3	1	1311.97	3.25	0	73.36	0	-0.11	0	0	11.84	0	0	0	0	0	0	12.22	12.22
	INV TRANSFORMER	MV35T	521725.94	4883612.56	2	0	0	68.7	68.7	1	748.41	3.25	0	68.48	0	0.22	0	0	1.99	0	0	0	0	0	0	-2.02	-2.02
	INV TRANSFORMER	MV32T	521520.73	4883692.56	2	0	0	69.6	69.6	1	960.06	3.25	0	70.65	0	0.27	0	0	2.44	0	0	0	0	0	0	-3.78	-3.78
	INV TRANSFORMER	MV33T	521543.21	4883562.56	2	0	0	68.7	68.7	1	871.34	3.25	0	69.8	0	0.25	0	0	2.25	0	0	0	0	0	0	-3.63	-3.63
	INV TRANSFORMER	MV36T	521686.86	4883838.56	2	0	0	68.7	68.7	1	934.46	3.25	0	70.41	0	0.26	0	0	2.39	0	0	0	0	0	0	-4.38	-4.38
	INV TRANSFORMER	MV30T	521350.76	4883672.56	2	0	0	69.6	69.6	1	1093	3.25	0	71.77	0	0.3	0	0	2.71	0	0	0	0	0	0	-5.21	-5.21
	INV TRANSFORMER	MV31T	521374.97	4883532.56	2	0	0	68.7	68.7	1	1009.21	3.25	0	71.08	0	0.28	0	0	2.54	0	0	0	0	0	0	-5.22	-5.22
	INV TRANSFORMER	MV29T	521222.7	4883202.56	2	0	0	68.7	68.7	1	1082.35	3.25	0	71.69	0	0.3	0	0	2.69	0	0	0	0	0	0	-6	-6
	INV TRANSFORMER	MV28T	521189.85	4883392.56	2	0	0	68.7	68.7	1	1142.34	3.25	0	72.16	0	0.32	0	0	2.8	0	0	0	0	0	0	-6.6	-6.6
	INV TRANSFORMER	MV26T	521131.06	4883732.56	2	0	0	69.6	69.6	1	1315.04	3.25	0	73.38	0	0.36	0	0	3.14	0	0	0	0	0	0	-7.3	-7.3
	INV TRANSFORMER	MV27T	521153.54	4883602.56	2	0	0	68.7	68.7	1	1240.54	3.25	0	72.87	0	0.34	0	0	3	0	0	0	0	0	0	-7.53	-7.53
	INV TRANSFORMER	MV25T	521036.45	4883172.56	2	0	0	68.7	68.7	1	1267.08	3.25	0	73.06	0	0.35	0	0	3.05	0	0	0	0	0	0	-7.77	-7.77
	INV TRANSFORMER	MV24T	521001.8	4883372.56	2	0	0	68.7	68.7	1	1322.53	3.25	0	73.43	0	0.36	0	0	3.15	0	0	0	0	0	0	-8.27	-8.27
	INV TRANSFORMER	MV23T	520969.02	4883562.56	2	0	0	68.7	68.7	1	1400.52	3.25	0	73.93	0	0.38	0	0	3.3	0	0	0	0	0	0	-8.93	-8.93
	INV TRANSFORMER	MV22T	520936.13	4883752.78	2	0	0	68.7	68.7	1	1499.59	3.25	0	74.52	0	0.41	0	0	3.48	0	0	0	0	0	0	-9.74	-9.74
	INV TRANSFORMER	MV21T	520786.16	4883512.56	2	0	0	68.7	68.7	1	1562.88	3.25	0	74.88	0	0.43	0	0	3.6	0	0	0	0	0	0	-10.23	-10.23
	INV TRANSFORMER	MV20T	520751.23	4883714.56	2	0	0	68.7	68.7	1	1656.12	3.25	0	75.38	0	0.45	0	0	3.77	0	0	0	0	0	0	-10.92	-10.92
	INV TRANSFORMER	MV42T	521027.26	4884431.37	2	0	0	68.7	68.7	1	1818.1	3.25	0	76.19	0	0.49	0	0	4.05	0	0	0	0	0	0	-12.06	-12.06
	INV TRANSFORMER	MV45T	521200.69	4884599.06	2	0	0	68.7	68.7	1	1831.84	3.25	0	76.26	0	0.5	0	0	4.08	0	0	0	0	0	0	-12.16	-12.16

mit. Value D/N: 0 0
Level D/N: 29.3585 29.3585

Receiver: Existing Noise Receptor
ID: R35
X: 522346
Y: 4883022
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	INVERTER	MV35	521726.44	4883606.75	2	0	0	100.3	100.3	1	851.94	3.25	0	69.61	0	-0.32	0	0	10.39	0	0	0	0	0	0	20.64	20.64
	INVERTER	MV33	521543.7	4883556.75	2	0	0	100.3	100.3	1	964.18	3.25	0	70.68	0	-0.26	0	0	10.79	0	0	0	0	0	0	19.1	19.1
	INVERTER	MV36	521687.36	4883832.75	2	0	0	100.3	100.3	1	1044.57	3.25	0	71.38	0	-0.22	0	0	11.06	0	0	0	0	0	0	18.1	18.1
	INVERTER	MV31	521375.47	4883526.75	2	0	0	100.3	100.3	1	1093.95	3.25	0	71.78	0	-0.2	0	0	11.21	0	0	0	0	0	0	17.52	17.52
	INVERTER	MV29	521223.2	4883196.75	2	0	0	100.3	100.3	1	1136.32	3.25	0	72.11	0	-0.18	0	0	11.34	0	0	0	0	0	0	17.05	17.05
	INVERTER	MV28	521190.35	4883386.75	2	0	0	100.3	100.3	1	1211.85	3.25	0	72.67	0	-0.15	0	0	11.56	0	0	0	0	0	0	16.23	16.23
	INVERTER	MV25	521036.94	4883166.75	2	0	0	100.3	100.3	1	1317.04	3.25	0	73.39	0	-0.1	0	0	11.85	0	0	0	0	0	0	15.17	15.17
	INVERTER	MV27	521154.04	4883596.75	2	0	0	100.3	100.3	1	1323.3	3.25	0	73.43	0	-0.1	0	0	11.87	0	0	0	0	0	0	15.11	15.11
	INVERTER	MV24	521002.3	4883366.75	2	0	0	100.3	100.3	1	1387.22	3.25	0	73.84	0	-0.08	0	0	12.04	0	0	0	0	0	0	14.51	14.51
	INVERTER	MV23	520969.51	4883556.75	2	0	0	100.3	100.3	1	1476.71	3.25	0	74.39	0	-0.04	0	0	12.27	0	0	0	0	0	0	13.7	13.7
	INVERTER	MV32	521521.23	4883686.75	2	0	0	97.3	97.3	1	1059.32	3.25	0	71.5	0	-0.22	0	0	11.1	0	0	0	0	0	0	14.93	14.93
	INVERTER	MV22	520936.62	4883746.98	2	0	0	100.3	100.3	1	1584.91	3.25	0	75	0	0	0	0	12.53	0	0	0	0	0	0	12.78	12.78
	INVERTER	MV21	520786.65	4883506.75	2	0	0	100.3	100.3	1	1632.96	3.25	0	75.26	0	0.01	0	0	12.65	0	0	0	0	0	0	12.39	12.39
	INVERTER	MV30	521351.26	4883666.75	2	0	0	97.3	97.3	1	1185.42	3.25	0	72.48	0	-0.16	0	0	11.48	0	0	0	0	0	0	13.51	13.51

INVERTER	MV20	520751.73	4883708.75	2	0	0	100.3	100.3	1	1735.9	3.25	0	75.79	0	0.05	0	0	12.88	0	0	0	0	0	0	11.59	11.59
INVERTER	MV42	521026.63	4884437.16	2	0	0	100.3	100.3	1	1934.79	3.25	0	76.73	0	0.11	0	0	13.32	0	0	0	0	0	0	10.15	10.15
INVERTER	MV45	521201.3	4884593.26	2	0	0	100.3	100.3	1	1944.02	3.25	0	76.77	0	0.11	0	0	13.34	0	0	0	0	0	0	10.08	10.08
INVERTER	MV26	521131.56	4883726.75	2	0	0	97.3	97.3	1	1404.12	3.25	0	73.95	0	-0.07	0	0	12.08	0	0	0	0	0	0	11.35	11.35
INV TRANSFORMER	MV35T	521725.94	4883612.56	2	0	0	68.7	68.7	1	856.29	3.25	0	69.65	0	0.24	0	0	2.22	0	0	0	0	0	0	-3.44	-3.44
INV TRANSFORMER	MV32T	521520.73	4883692.56	2	0	0	69.6	69.6	1	1063.35	3.25	0	71.53	0	0.3	0	0	2.65	0	0	0	0	0	0	-4.9	-4.9
INV TRANSFORMER	MV33T	521543.21	4883562.56	2	0	0	68.7	68.7	1	967.82	3.25	0	70.72	0	0.27	0	0	2.45	0	0	0	0	0	0	-4.76	-4.76
INV TRANSFORMER	MV36T	521686.86	4883838.56	2	0	0	68.7	68.7	1	1049.4	3.25	0	71.42	0	0.29	0	0	2.62	0	0	0	0	0	0	-5.65	-5.65
INV TRANSFORMER	MV30T	521350.76	4883672.56	2	0	0	69.6	69.6	1	1189	3.25	0	72.5	0	0.33	0	0	2.9	0	0	0	0	0	0	-6.15	-6.15
INV TRANSFORMER	MV31T	521374.97	4883532.56	2	0	0	68.7	68.7	1	1097.08	3.25	0	71.8	0	0.3	0	0	2.71	0	0	0	0	0	0	-6.15	-6.15
INV TRANSFORMER	MV29T	521222.7	4883202.56	2	0	0	68.7	68.7	1	1137.72	3.25	0	72.12	0	0.31	0	0	2.8	0	0	0	0	0	0	-6.55	-6.55
INV TRANSFORMER	MV28T	521189.85	4883392.56	2	0	0	68.7	68.7	1	1214.09	3.25	0	72.68	0	0.33	0	0	2.94	0	0	0	0	0	0	-7.29	-7.29
INV TRANSFORMER	MV26T	521131.06	4883732.56	2	0	0	69.6	69.6	1	1407.47	3.25	0	73.97	0	0.38	0	0	3.31	0	0	0	0	0	0	-8.09	-8.09
INV TRANSFORMER	MV25T	521036.45	4883172.56	2	0	0	68.7	68.7	1	1318.18	3.25	0	73.4	0	0.36	0	0	3.14	0	0	0	0	0	0	-8.23	-8.23
INV TRANSFORMER	MV27T	521153.54	4883602.56	2	0	0	68.7	68.7	1	1326.28	3.25	0	73.45	0	0.36	0	0	3.16	0	0	0	0	0	0	-8.3	-8.3
INV TRANSFORMER	MV24T	521001.8	4883372.56	2	0	0	68.7	68.7	1	1389.16	3.25	0	73.86	0	0.38	0	0	3.28	0	0	0	0	0	0	-8.84	-8.84
INV TRANSFORMER	MV23T	520969.02	4883562.56	2	0	0	68.7	68.7	1	1479.29	3.25	0	74.4	0	0.4	0	0	3.45	0	0	0	0	0	0	-9.57	-9.57
INV TRANSFORMER	MV22T	520936.13	4883752.78	2	0	0	68.7	68.7	1	1588.02	3.25	0	75.02	0	0.43	0	0	3.64	0	0	0	0	0	0	-10.42	-10.42
INV TRANSFORMER	MV21T	520786.16	4883512.56	2	0	0	68.7	68.7	1	1635.16	3.25	0	75.27	0	0.45	0	0	3.73	0	0	0	0	0	0	-10.77	-10.77
INV TRANSFORMER	MV20T	520751.23	4883714.56	2	0	0	68.7	68.7	1	1738.66	3.25	0	75.8	0	0.47	0	0	3.91	0	0	0	0	0	0	-11.51	-11.51
INV TRANSFORMER	MV42T	521027.26	4884431.37	2	0	0	68.7	68.7	1	1930.13	3.25	0	76.71	0	0.52	0	0	4.25	0	0	0	0	0	0	-12.81	-12.81
INV TRANSFORMER	MV45T	521200.69	4884599.06	2	0	0	68.7	68.7	1	1949.07	3.25	0	76.8	0	0.53	0	0	4.28	0	0	0	0	0	0	-12.93	-12.93

mit. Value D/N: 0 0

Level D/N: 28.2596 28.2596

Receiver: Existing Noise Receptor

ID: R36

X: 521568

Y: 4884275

Z: 4.5

Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	INVERTER	MV36	521687.36	4883832.75	2	0	0	100.3	100.3	1	458.08	3.25	0	64.22	0	-0.58	0	0	8.18	0	0	0	0	0	0	28.5	28.5
	INVERTER	MV45	521201.3	4884593.26	2	0	0	100.3	100.3	1	485.56	3.25	0	64.72	0	-0.56	0	0	8.41	0	0	0	0	0	0	27.74	27.74
	INVERTER	MV42	521026.63	4884437.16	2	0	0	100.3	100.3	1	565.14	3.25	0	66.04	0	-0.5	0	0	8.99	0	0	0	0	0	0	25.79	25.79
	INVERTER	MV35	521726.44	4883606.75	2	0	0	100.3	100.3	1	686.78	3.25	0	67.74	0	-0.42	0	0	9.67	0	0	0	0	0	0	23.32	23.32
	INVERTER	MV44	521154.3	4884833.37	2	0	0	100.3	100.3	1	694.93	3.25	0	67.84	0	-0.41	0	0	9.71	0	0	0	0	0	0	23.18	23.18
	INVERTER	MV41	520981.28	4884667.9	2	0	0	100.3	100.3	1	706.13	3.25	0	67.98	0	-0.41	0	0	9.77	0	0	0	0	0	0	22.98	22.98
	INVERTER	MV33	521543.7	4883556.75	2	0	0	100.3	100.3	1	718.66	3.25	0	68.13	0	-0.4	0	0	9.83	0	0	0	0	0	0	22.76	22.76
	INVERTER	MV31	521375.47	4883526.75	2	0	0	100.3	100.3	1	772.62	3.25	0	68.76	0	-0.37	0	0	10.07	0	0	0	0	0	0	21.85	21.85
	INVERTER	MV27	521154.04	4883596.75	2	0	0	100.3	100.3	1	794.6	3.25	0	69	0	-0.35	0	0	10.16	0	0	0	0	0	0	21.51	21.51
	INVERTER	MV22	520936.62	4883746.98	2	0	0	100.3	100.3	1	823.07	3.25	0	69.31	0	-0.34	0	0	10.27	0	0	0	0	0	0	21.07	21.07
	INVERTER	MV32	521521.23	4883686.75	2	0	0	97.3	97.3	1	590.11	3.25	0	66.42	0	-0.49	0	0	9.14	0	0	0	0	0	0	22.23	22.23
	INVERTER	MV30	521351.26	4883666.75	2	0	0	97.3	97.3	1	645.71	3.25	0	67.2	0	-0.45	0	0	9.46	0	0	0	0	0	0	21.1	21.1
	INVERTER	MV23	520969.51	4883556.75	2	0	0	100.3	100.3	1	934.92	3.25	0	70.42	0	-0.28	0	0	10.69	0	0	0	0	0	0	19.49	19.49
	INVERTER	MV28	521190.35	4883386.75	2	0	0	100.3	100.3	1	965.2	3.25	0	70.69	0	-0.26	0	0	10.79	0	0	0	0	0	0	19.09	19.09
	INVERTER	MV26	521131.56	4883726.75	2	0	0	97.3	97.3	1	700.76	3.25	0	67.91	0	-0.41	0	0	9.74	0	0	0	0	0	0	20.07	20.07
	INVERTER	MV20	520751.73	4883708.75	2	0	0	100.3	100.3	1	993.45	3.25	0	70.94	0	-0.25	0	0	10.89	0	0	0	0	0	0	18.73	18.73
	INVERTER	MV24	521002.3	4883366.75	2	0	0	100.3	100.3	1	1070.02	3.25	0	71.59	0	-0.21	0	0	11.14	0	0	0	0	0	0	17.8	17.8
	INVERTER	MV21	520786.65	4883506.75	2	0	0	100.3	100.3	1	1095.77	3.25	0	71.79	0	-0.2	0	0	11.22	0	0	0	0	0	0	17.5	17.5
	INVERTER	MV39	520562.49	4884730.78	2	0	0	100.3	100.3	1	1103.99	3.25	0	71.86	0	-0.2	0	0	11.24	0	0	0	0	0	0	17.41	17.41
	INVERTER	MV29	521223.2	4883196.75	2	0	0	100.3	100.3	1	1132.04	3.25	0	72.08	0	-0.18	0	0	11.33	0	0	0	0	0	0	17.09	17.09
	INVERTER	MV25	521036.94	4883166.75	2	0	0	100.3	100.3	1	1228.92	3.25	0	72.79	0	-0.14	0	0	11.61	0	0	0	0	0	0	16.06	16.06
	INVERTER	MV38	520380.93	4884646.78	2	0	0	100.3	100.3	1	1243.93	3.25	0	72.9	0	-0.14	0	0	11.65	0	0	0	0	0	0	15.9	15.9
	INVERTER	MV37	520345.66	4884850.78	2	0	0	100.3	100.3	1	1351.17	3.25	0	73.61	0	-0.09	0	0	11.94	0	0	0	0	0	0	14.85	14.85
	INVERTER	MV40	520573.85	4884258.92	2	0	0	86.1	86.1	1	994.28	3.25	0	70.95	0	0.68	0	0	6.3	0	0	0	0	0	0	8.12	8.12
	INV TRANSFORMER	MV36T	521686.86	4883838.56	2	0	0	68.7	68.7	1	452.35	3.25	0	64.11	0	0.19	0	0	1.32	0	0	0	0	0	0	3.06	3.06
	INV TRANSFORMER	MV45T	521200.69	4884599.06	2	0	0	68.7	68.7	1	489.83	3.25	0	64.8	0	0.19	0	0	1.41	0	0	0	0	0	0	2.28	2.28
	INV TRANSFORMER	MV32T	521520.73	4883692.56	2	0	0	69.6	69.6	1	584.36	3.25	0	66.33	0	0.19	0	0	1.63	0	0	0	0	0	0	1.43	1.43
	INV TRANSFORMER	MV42T	521027.26	4884431.37	2	0	0	68.7	68.7	1	562.9	3.25	0	66.01	0	0.19	0	0	1.58	0	0	0	0	0	0	0.9	0.9
	INV TRANSFORMER	MV30T	521350.76	4883672.56	2	0	0	69.6	69.6	1	640.42	3.25	0	67.13	0	0.2	0	0	1.75	0	0	0	0	0	0	0.5	0.5
	INV TRANSFORMER	MV26T	521131.06	4883732.56	2	0	0	69.6	69.6	1	696.54	3.25	0	67.86	0	0.21	0	0	1.88	0	0	0	0	0	0	-0.37	-0.37
	INV TRANSFORMER	MV35T	521725.94	4883612.56	2	0	0	68.7	68.7	1	681.01	3.25	0	67.66	0	0.2	0	0	1.84	0	0	0	0	0	0	-1.03	-1.03
	INV TRANSFORMER	MV44T	521153.69	4884839.17	2	0	0	68.7	68.7	1	699.96	3.25	0	67.9	0	0.21	0	0	1.89	0	0	0	0	0	0	-1.32	-1.32
	INV TRANSFORMER	MV41T	520981.91	4884662.11	2	0	0	68.7	68.7	1	702.4	3.25	0	67.93	0	0.21	0	0	1.89	0	0	0	0	0	0	-1.35	-1.35
	INV TRANSFORMER	MV33T	521543.21	4883562.56	2	0	0	68.7	68.7	1	712.88	3.25	0	68.06	0	0.21	0	0	1.91	0	0	0	0	0	0	-1.51	-1.51
	INV TRANSFORMER	MV31T	521374.97	4883532.56	2	0	0	68.7	68.7	1	767.13	3.25	0	68.7	0	0.22	0	0	2.03	0	0	0	0	0	0	-2.28	-2.28
	INV TRANSFORMER	MV27T	521153.54	4883602.56	2	0	0	68.7	68.7	1	789.91	3.25	0	68.95	0	0.23	0	0	2.08	0	0	0	0	0	0	-2.58	-2.58
	INV TRANSFORMER	MV22T	520936.13	4883752.78	2	0	0	68.7	68.7	1	819.75	3.25	0	69.27	0	0.23	0	0	2.15	0	0	0	0	0	0	-2.98	-2.98
	INV TRANSFORMER	MV40T	520573.54	4884264.74	2	0	0	69.6	69.6	1	994.52	3.25	0	70.95	0	0.28	0	0	2.51	0	0	0	0	0	0	-4.16	-4.16
	INV TRANSFORMER	MV23T	520969.02	4883562.56	2	0	0	68.7	68.7	1	930.79	3.25	0	70.38	0	0.26	0	0	2.38	0	0	0	0	0	0	-4.34	-4.34

	INV TRANSFORMER	MV28T	521189.85	4883392.56	2	0	0	68.7	68.7	1	960.06	3.25	0	70.65	0	0.27	0	0	2.44	0	0	0	0	0	0	-4.68	-4.68
	INV TRANSFORMER	MV20T	520751.23	4883714.56	2	0	0	68.7	68.7	1	990.56	3.25	0	70.92	0	0.28	0	0	2.5	0	0	0	0	0	0	-5.02	-5.02
	INV TRANSFORMER	MV24T	521001.8	4883372.56	2	0	0	68.7	68.7	1	1065.36	3.25	0	71.55	0	0.3	0	0	2.65	0	0	0	0	0	0	-5.82	-5.82
	INV TRANSFORMER	MV21T	520786.16	4883512.56	2	0	0	68.7	68.7	1	1092.06	3.25	0	71.76	0	0.3	0	0	2.7	0	0	0	0	0	0	-6.1	-6.1
	INV TRANSFORMER	MV39T	520562	4884736.58	2	0	0	68.7	68.7	1	1106.85	3.25	0	71.88	0	0.31	0	0	2.73	0	0	0	0	0	0	-6.25	-6.25
	INV TRANSFORMER	MV29T	521222.7	4883202.56	2	0	0	68.7	68.7	1	1126.66	3.25	0	72.04	0	0.31	0	0	2.77	0	0	0	0	0	0	-6.44	-6.44
	INV TRANSFORMER	MV25T	521036.45	4883172.56	2	0	0	68.7	68.7	1	1223.9	3.25	0	72.75	0	0.34	0	0	2.96	0	0	0	0	0	0	-7.38	-7.38
	INV TRANSFORMER	MV38T	520380.43	4884652.58	2	0	0	68.7	68.7	1	1246.15	3.25	0	72.91	0	0.34	0	0	3.01	0	0	0	0	0	0	-7.58	-7.58
	INV TRANSFORMER	MV37T	520345.16	4884856.58	2	0	0	68.7	68.7	1	1354.1	3.25	0	73.63	0	0.37	0	0	3.21	0	0	0	0	0	0	-8.54	-8.54
mit. Value D/N:	0	0																								
Level D/N:	35.9211	35.9211																								

Receiver: Existing Noise Receptor
ID: R37
X: 522275
Y: 4884190
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	INVERTER	MV36	521687.36	4883832.75	2	0	0	100.3	100.3	1	687.71	3.25	0	67.75	0	-0.42	0	0	9.68	0	0	0	0	0	0	23.31	23.31
	INVERTER	MV35	521726.44	4883606.75	2	0	0	100.3	100.3	1	800.69	3.25	0	69.07	0	-0.35	0	0	10.18	0	0	0	0	0	0	21.41	21.41
	INVERTER	MV33	521543.7	4883556.75	2	0	0	100.3	100.3	1	967.37	3.25	0	70.71	0	-0.26	0	0	10.8	0	0	0	0	0	0	19.06	19.06
	INVERTER	MV31	521375.47	4883526.75	2	0	0	100.3	100.3	1	1117.61	3.25	0	71.97	0	-0.19	0	0	11.28	0	0	0	0	0	0	17.25	17.25
	INVERTER	MV45	521201.3	4884593.26	2	0	0	100.3	100.3	1	1146.94	3.25	0	72.19	0	-0.18	0	0	11.37	0	0	0	0	0	0	16.93	16.93
	INVERTER	MV27	521154.04	4883596.75	2	0	0	100.3	100.3	1	1268.27	3.25	0	73.06	0	-0.12	0	0	11.72	0	0	0	0	0	0	15.65	15.65
	INVERTER	MV42	521026.63	4884437.16	2	0	0	100.3	100.3	1	1272.6	3.25	0	73.09	0	-0.12	0	0	11.73	0	0	0	0	0	0	15.61	15.61
	INVERTER	MV32	521521.23	4883686.75	2	0	0	97.3	97.3	1	906.33	3.25	0	70.15	0	-0.29	0	0	10.59	0	0	0	0	0	0	16.87	16.87
	INVERTER	MV44	521154.3	4884833.37	2	0	0	100.3	100.3	1	1292.24	3.25	0	73.23	0	-0.11	0	0	11.78	0	0	0	0	0	0	15.42	15.42
	INVERTER	MV28	521190.35	4883386.75	2	0	0	100.3	100.3	1	1349.7	3.25	0	73.6	0	-0.09	0	0	11.94	0	0	0	0	0	0	14.86	14.86
	INVERTER	MV41	520981.28	4884667.9	2	0	0	100.3	100.3	1	1379.17	3.25	0	73.79	0	-0.08	0	0	12.02	0	0	0	0	0	0	14.58	14.58
	INVERTER	MV22	520936.62	4883746.98	2	0	0	100.3	100.3	1	1409.8	3.25	0	73.98	0	-0.07	0	0	12.1	0	0	0	0	0	0	14.3	14.3
	INVERTER	MV29	521223.2	4883196.75	2	0	0	100.3	100.3	1	1446.66	3.25	0	74.21	0	-0.05	0	0	12.19	0	0	0	0	0	0	13.97	13.97
	INVERTER	MV23	520969.51	4883556.75	2	0	0	100.3	100.3	1	1450.97	3.25	0	74.23	0	-0.05	0	0	12.2	0	0	0	0	0	0	13.93	13.93
	INVERTER	MV30	521351.26	4883666.75	2	0	0	97.3	97.3	1	1061.64	3.25	0	71.52	0	-0.22	0	0	11.11	0	0	0	0	0	0	14.9	14.9
	INVERTER	MV24	521002.3	4883366.75	2	0	0	100.3	100.3	1	1515.75	3.25	0	74.61	0	-0.03	0	0	12.36	0	0	0	0	0	0	13.36	13.36
	INVERTER	MV20	520751.73	4883708.75	2	0	0	100.3	100.3	1	1597.49	3.25	0	75.07	0	0	0	0	12.56	0	0	0	0	0	0	12.68	12.68
	INVERTER	MV25	521036.94	4883166.75	2	0	0	100.3	100.3	1	1606.18	3.25	0	75.12	0	0	0	0	12.58	0	0	0	0	0	0	12.61	12.61
	INVERTER	MV21	520786.65	4883506.75	2	0	0	100.3	100.3	1	1637.68	3.25	0	75.28	0	0.02	0	0	12.66	0	0	0	0	0	0	12.35	12.35
	INVERTER	MV26	521131.56	4883726.75	2	0	0	97.3	97.3	1	1233.72	3.25	0	72.82	0	-0.14	0	0	11.62	0	0	0	0	0	0	13.01	13.01
	INVERTER	MV39	520562.49	4884730.78	2	0	0	100.3	100.3	1	1795.87	3.25	0	76.09	0	0.07	0	0	13.02	0	0	0	0	0	0	11.14	11.14
	INVERTER	MV38	520380.93	4884646.78	2	0	0	100.3	100.3	1	1948.37	3.25	0	76.79	0	0.11	0	0	13.35	0	0	0	0	0	0	10.05	10.05
	INVERTER	MV40	520573.85	4884258.92	2	0	0	86.1	86.1	1	1702.55	3.25	0	75.62	0	0.84	0	0	7.55	0	0	0	0	0	0	2.05	2.05
	INV TRANSFORMER	MV36T	521686.86	4883838.56	2	0	0	68.7	68.7	1	685.14	3.25	0	67.72	0	0.2	0	0	1.85	0	0	0	0	0	0	-1.1	-1.1
	INV TRANSFORMER	MV35T	521725.94	4883612.56	2	0	0	68.7	68.7	1	796.81	3.25	0	69.03	0	0.23	0	0	2.1	0	0	0	0	0	0	-2.68	-2.68
	INV TRANSFORMER	MV32T	521520.73	4883692.56	2	0	0	69.6	69.6	1	903.53	3.25	0	70.12	0	0.25	0	0	2.32	0	0	0	0	0	0	-3.12	-3.12
	INV TRANSFORMER	MV30T	521350.76	4883672.56	2	0	0	69.6	69.6	1	1059.23	3.25	0	71.5	0	0.29	0	0	2.64	0	0	0	0	0	0	-4.86	-4.86
	INV TRANSFORMER	MV33T	521543.21	4883562.56	2	0	0	68.7	68.7	1	963.95	3.25	0	70.68	0	0.27	0	0	2.45	0	0	0	0	0	0	-4.72	-4.72
	INV TRANSFORMER	MV26T	521131.06	4883732.56	2	0	0	69.6	69.6	1	1232.01	3.25	0	72.81	0	0.34	0	0	2.98	0	0	0	0	0	0	-6.55	-6.55
	INV TRANSFORMER	MV31T	521374.97	4883532.56	2	0	0	68.7	68.7	1	1114.58	3.25	0	71.94	0	0.31	0	0	2.75	0	0	0	0	0	0	-6.32	-6.32
	INV TRANSFORMER	MV45T	521200.69	4884599.06	2	0	0	68.7	68.7	1	1149.56	3.25	0	72.21	0	0.32	0	0	2.82	0	0	0	0	0	0	-6.67	-6.67
	INV TRANSFORMER	MV27T	521153.54	4883602.56	2	0	0	68.7	68.7	1	1266	3.25	0	73.05	0	0.35	0	0	3.04	0	0	0	0	0	0	-7.76	-7.76
	INV TRANSFORMER	MV42T	521027.26	4884431.37	2	0	0	68.7	68.7	1	1270.87	3.25	0	73.08	0	0.35	0	0	3.05	0	0	0	0	0	0	-7.81	-7.81
	INV TRANSFORMER	MV44T	521153.69	4884839.17	2	0	0	68.7	68.7	1	1295.67	3.25	0	73.25	0	0.36	0	0	3.1	0	0	0	0	0	0	-8.03	-8.03
	INV TRANSFORMER	MV28T	521189.85	4883392.56	2	0	0	68.7	68.7	1	1346.65	3.25	0	73.59	0	0.37	0	0	3.2	0	0	0	0	0	0	-8.48	-8.48
	INV TRANSFORMER	MV41T	520981.91	4884662.11	2	0	0	68.7	68.7	1	1376.58	3.25	0	73.78	0	0.38	0	0	3.25	0	0	0	0	0	0	-8.73	-8.73
	INV TRANSFORMER	MV22T	520936.13	4883752.78	2	0	0	68.7	68.7	1	1408.46	3.25	0	73.97	0	0.39	0	0	3.31	0	0	0	0	0	0	-9	-9
	INV TRANSFORMER	MV29T	521222.7	4883202.56	2	0	0	68.7	68.7	1	1443.05	3.25	0	74.19	0	0.39	0	0	3.38	0	0	0	0	0	0	-9.28	-9.28
	INV TRANSFORMER	MV23T	520969.02	4883562.56	2	0	0	68.7	68.7	1	1448.89	3.25	0	74.22	0	0.4	0	0	3.39	0	0	0	0	0	0	-9.33	-9.33
	INV TRANSFORMER	MV24T	521001.8	4883372.56	2	0	0	68.7	68.7	1	1513.02	3.25	0	74.6	0	0.41	0	0	3.51	0	0	0	0	0	0	-9.84	-9.84
	INV TRANSFORMER	MV40T	520573.54	4884264.74	2	0	0	69.6	69.6	1	1703.1	3.25	0	75.62	0	0.46	0	0	3.85	0	0	0	0	0	0	-10.36	-10.36
	INV TRANSFORMER	MV20T	520751.23	4883714.56	2	0	0	68.7	68.7	1	1596.22	3.25	0	75.06	0	0.44	0	0	3.66	0	0	0	0	0	0	-10.48	-10.48
	INV TRANSFORMER	MV25T	521036.45	4883172.56	2	0	0	68.7	68.7	1	1602.87	3.25	0	75.1	0	0.44	0	0	3.67	0	0	0	0	0	0	-10.53	-10.53
	INV TRANSFORMER	MV21T	520786.16	4883512.56	2	0	0	68.7	68.7	1	1635.72	3.25	0	75.27	0	0.45	0	0	3.73	0	0	0	0	0	0	-10.77	-10.77
	INV TRANSFORMER	MV39T	520562	4884736.58	2	0	0	68.7	68.7	1	1798.09	3.25	0	76.1	0	0.49	0	0	4.02	0	0	0	0	0	0	-11.93	-11.93
	INV TRANSFORMER	MV38T	520380.43	4884652.58	2	0	0	68.7	68.7	1	1950.22	3.25	0	76.8	0	0.53	0	0	4.28	0	0	0	0	0	0	-12.94	-12.94
mit. Value D/N:	0	0																								
Level D/N:	29.9303	29.9303																								

Receiver: Existing Noise Receptor
ID: R38
X: 517912

Y: 4883290
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	INVERTER	MV4	519089.82	4882595.21	2	0	0	100.3	100.3	1	1367.48	3.25	0	73.72	0	-0.08	0	0	11.99	0	0	0	0	0	0	14.69	14.69
	INVERTER	MV1	518942.28	4882343.86	2	0	0	100.3	100.3	1	1398.81	3.25	0	73.92	0	-0.07	0	0	12.07	0	0	0	0	0	0	14.4	14.4
	INVERTER	MV8	519258.31	4882631.1	2	0	0	100.3	100.3	1	1498.9	3.25	0	74.52	0	-0.03	0	0	12.32	0	0	0	0	0	0	13.51	13.51
	INVERTER	MV5	519126.62	4882383.86	2	0	0	100.3	100.3	1	1515.38	3.25	0	74.61	0	-0.03	0	0	12.36	0	0	0	0	0	0	13.37	13.37
	INVERTER	MV2	518973.41	4882163.86	2	0	0	100.3	100.3	1	1547.51	3.25	0	74.79	0	-0.02	0	0	12.44	0	0	0	0	0	0	13.09	13.09
	INVERTER	MV9	519310.97	4882423.86	2	0	0	100.3	100.3	1	1645.39	3.25	0	75.33	0	0.02	0	0	12.68	0	0	0	0	0	0	12.29	12.29
	INVERTER	MV6	519159.47	4882193.86	2	0	0	100.3	100.3	1	1660.63	3.25	0	75.41	0	0.02	0	0	12.71	0	0	0	0	0	0	12.17	12.17
	INVERTER	MV12	519470.71	4882665.21	2	0	0	100.3	100.3	1	1679.28	3.25	0	75.5	0	0.03	0	0	12.75	0	0	0	0	0	0	12.03	12.03
	INVERTER	MV13	519509.24	4882443.86	2	0	0	100.3	100.3	1	1807.52	3.25	0	76.14	0	0.07	0	0	13.05	0	0	0	0	0	0	11.05	11.05
	INVERTER	MV7	519193.98	4881993.86	2	0	0	100.3	100.3	1	1823.04	3.25	0	76.22	0	0.08	0	0	13.08	0	0	0	0	0	0	10.94	10.94
	INVERTER	MV16	519639.48	4882701.1	2	0	0	100.3	100.3	1	1825.1	3.25	0	76.23	0	0.08	0	0	13.08	0	0	0	0	0	0	10.92	10.92
	INVERTER	MV17	519691.86	4882493.86	2	0	0	100.3	100.3	1	1949.81	3.25	0	76.8	0	0.11	0	0	13.36	0	0	0	0	0	0	10.04	10.04
	INVERTER	MV10	519383.44	4882003.86	2	0	0	100.3	100.3	1	1954.3	3.25	0	76.82	0	0.12	0	0	13.37	0	0	0	0	0	0	10.01	10.01
	INVERTER	MV14	519549.01	4882213.86	2	0	0	100.3	100.3	1	1959.05	3.25	0	76.84	0	0.12	0	0	13.38	0	0	0	0	0	0	9.98	9.98
	INVERTER	MV11	519364.7	4882769.62	2	0	0	97.3	97.3	1	1543.09	3.25	0	74.77	0	-0.02	0	0	12.43	0	0	0	0	0	0	10.13	10.13
	INVERTER	MV46	519569.31	4883250.26	2	0	0	97.3	97.3	1	1657.78	3.25	0	75.39	0	0.02	0	0	12.7	0	0	0	0	0	0	9.19	9.19
	INVERTER	MV3	518997.61	4882023.86	2	0	0	97.3	97.3	1	1667.83	3.25	0	75.44	0	0.03	0	0	12.73	0	0	0	0	0	0	9.12	9.12
	DSTATCOM UNIT	DSTAT	519479.25	4883282.56	2.5	0	0	96.6	96.6	1	1567.27	3.5	0	74.9	0	3.13	0	0	1.45	0	0	0	0	0	0	17.15	17.15
	SUBSTATION TRANSFORMER	TRS	519493.37	4883252.44	3.5	0	0	87.9	87.9	1	1581.82	4	0	74.98	0	-0.74	0	0	3.63	0	0	0	0	0	0	10	10
	INVERTER	MV47	519833.32	4883254.23	2	0	0	89.1	89.1	1	1921.66	3.25	0	76.67	0	0.89	0	0	7.92	0	0	0	0	0	0	3.58	3.58
	LINE REACTOR	LR	519485	4883285	6.8	0	0	82	82	1	1573.01	5.65	0	74.93	0	-1.06	0	0	3.62	0	0	0	0	0	0	4.49	4.49
	INV TRANSFORMER	MV4T	519089.32	4882601.01	2	0	0	68.7	68.7	1	1364.11	3.25	0	73.7	0	0.37	0	0	3.23	0	0	0	0	0	0	-8.63	-8.63
	INV TRANSFORMER	MV1T	518941.79	4882349.67	2	0	0	68.7	68.7	1	1394.52	3.25	0	73.89	0	0.38	0	0	3.29	0	0	0	0	0	0	-8.88	-8.88
	INV TRANSFORMER	MV11T	519370.5	4882770.13	2	0	0	69.6	69.6	1	1548.38	3.25	0	74.8	0	0.42	0	0	3.57	0	0	0	0	0	0	-9.22	-9.22
	INV TRANSFORMER	MV46T	519569.03	4883256.08	2	0	0	69.6	69.6	1	1657.38	3.25	0	75.39	0	0.45	0	0	3.77	0	0	0	0	0	0	-10.03	-10.03
	INV TRANSFORMER	MV3T	518997.12	4882029.67	2	0	0	69.6	69.6	1	1663.11	3.25	0	75.42	0	0.45	0	0	3.78	0	0	0	0	0	0	-10.07	-10.07
	INV TRANSFORMER	MV8T	519258.81	4882625.3	2	0	0	68.7	68.7	1	1501.91	3.25	0	74.53	0	0.41	0	0	3.49	0	0	0	0	0	0	-9.75	-9.75
	INV TRANSFORMER	MV5T	519126.12	4882389.67	2	0	0	68.7	68.7	1	1511.52	3.25	0	74.59	0	0.41	0	0	3.51	0	0	0	0	0	0	-9.83	-9.83
	INV TRANSFORMER	MV2T	518972.91	4882169.67	2	0	0	68.7	68.7	1	1542.95	3.25	0	74.77	0	0.42	0	0	3.56	0	0	0	0	0	0	-10.07	-10.07
	INV TRANSFORMER	MV9T	519310.48	4882429.67	2	0	0	68.7	68.7	1	1641.92	3.25	0	75.31	0	0.45	0	0	3.74	0	0	0	0	0	0	-10.82	-10.82
	INV TRANSFORMER	MV6T	519158.97	4882199.67	2	0	0	68.7	68.7	1	1656.43	3.25	0	75.38	0	0.45	0	0	3.77	0	0	0	0	0	0	-10.93	-10.93
	INV TRANSFORMER	MV12T	519470.22	4882671.01	2	0	0	68.7	68.7	1	1676.66	3.25	0	75.49	0	0.46	0	0	3.8	0	0	0	0	0	0	-11.07	-11.07
	INV TRANSFORMER	MV13T	519508.74	4882449.67	2	0	0	68.7	68.7	1	1804.37	3.25	0	76.13	0	0.49	0	0	4.03	0	0	0	0	0	0	-11.97	-11.97
	INV TRANSFORMER	MV7T	519193.49	4881999.67	2	0	0	68.7	68.7	1	1818.56	3.25	0	76.19	0	0.49	0	0	4.05	0	0	0	0	0	0	-12.07	-12.07
	INV TRANSFORMER	MV16T	519639.98	4882695.3	2	0	0	68.7	68.7	1	1827.45	3.25	0	76.24	0	0.5	0	0	4.07	0	0	0	0	0	0	-12.13	-12.13
	INV TRANSFORMER	MV47T	519833.6	4883248.41	2	0	0	68.7	68.7	1	1922.05	3.25	0	76.68	0	0.52	0	0	4.23	0	0	0	0	0	0	-12.75	-12.75
	INV TRANSFORMER	MV17T	519691.37	4882499.67	2	0	0	68.7	68.7	1	1946.99	3.25	0	76.79	0	0.53	0	0	4.28	0	0	0	0	0	0	-12.92	-12.92
	INV TRANSFORMER	MV10T	519382.94	4882009.67	2	0	0	68.7	68.7	1	1950.11	3.25	0	76.8	0	0.53	0	0	4.28	0	0	0	0	0	0	-12.94	-12.94
	INV TRANSFORMER	MV14T	519548.51	4882219.67	2	0	0	68.7	68.7	1	1955.45	3.25	0	76.82	0	0.53	0	0	4.29	0	0	0	0	0	0	-12.97	-12.97
mit. Value D/N:	0	0																									
Level D/N:	25.2349	25.2349																									

Receiver: Existing Noise Receptor
ID: R39
X: 520132
Y: 4883347
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	INVERTER	MV21	520786.65	4883506.75	2	0	0	100.3	100.3	1	673.87	3.25	0	67.57	0	-0.43	0	0	9.61	0	0	0	0	0	0	23.56	23.56
	INVERTER	MV20	520751.73	4883708.75	2	0	0	100.3	100.3	1	717.59	3.25	0	68.12	0	-0.4	0	0	9.82	0	0	0	0	0	0	22.77	22.77
	INVERTER	MV46	519569.31	4883250.26	2	0	0	97.3	97.3	1	570.95	3.25	0	66.13	0	-0.5	0	0	9.02	0	0	0	0	0	0	22.65	22.65
	INVERTER	MV16	519639.48	4882701.1	2	0	0	100.3	100.3	1	812.26	3.25	0	69.19	0	-0.34	0	0	10.23	0	0	0	0	0	0	21.23	21.23
	INVERTER	MV23	520969.51	4883556.75	2	0	0	100.3	100.3	1	863.38	3.25	0	69.72	0	-0.32	0	0	10.43	0	0	0	0	0	0	20.47	20.47
	INVERTER	MV24	521002.3	4883366.75	2	0	0	100.3	100.3	1	870.53	3.25	0	69.8	0	-0.31	0	0	10.46	0	0	0	0	0	0	20.37	20.37
	INVERTER	MV22	520936.62	4883746.98	2	0	0	100.3	100.3	1	898.56	3.25	0	70.07	0	-0.3	0	0	10.56	0	0	0	0	0	0	19.98	19.98
	INVERTER	MV25	521036.94	4883166.75	2	0	0	100.3	100.3	1	922.72	3.25	0	70.3	0	-0.29	0	0	10.65	0	0	0	0	0	0	19.65	19.65
	INVERTER	MV12	519470.71	4882665.21	2	0	0	100.3	100.3	1	949.82	3.25	0	70.55	0	-0.27	0	0	10.74	0	0	0	0	0	0	19.29	19.29
	INVERTER	MV17	519691.86	4882493.86	2	0	0	100.3	100.3	1	959.98	3.25	0	70.65	0	-0.27	0	0	10.78	0	0	0	0	0	0	19.16	19.16
	DSTATCOM UNIT	DSTAT	519479.25	4883282.56	2.5	0	0	96.6	96.6	1	655.93	3.5	0	67.34	0	2.49	0	0	0.83	0	0	0	0	0	0	25.97	25.97
	INVERTER	MV27	521154.04	4883596.75	2	0	0	100.3	100.3	1	1052.11	3.25	0	71.44	0	-0.22	0	0	11.08	0	0	0	0	0	0	18.01	18.01
	INVERTER	MV28	521190.35	4883386.75	2	0	0	100.3	100.3	1	1059.09	3.25	0	71.5	0	-0.22	0	0	11.1	0	0	0	0	0	0	17.93	17.93
	INVERTER	MV13	519509.24	4882443.86	2	0	0	100.3	100.3	1	1097.04	3.25	0	71.8	0	-0.2	0	0	11.22	0	0	0	0	0	0	17.49	17.49
	INVERTER	MV29	521223.2	4883196.75	2	0	0	100.3	100.3	1	1101.49	3.25	0	71.84	0	-0.2	0	0	11.23	0	0	0	0	0	0	17.44	17.44
	INVERTER	MV18	519724.65	4882303.86	2	0	0	100.3	100.3	1	1119.85	3.25	0	71.98	0	-0.19	0	0	11.29	0	0	0	0	0	0	17.23	17.23
	INVERTER	MV8	519258.31	4882631.1	2	0	0	100.3	100.3	1	1129.53	3.25	0	72.06	0	-0.19	0	0	11.32	0	0	0	0	0	0	17.12	17.12

INVERTER	MV47	519833.32	4883254.23	2	0	0	89.1	89.1	1	312.76	3.25	0	60.9	0	0.38	0	0	4.22	0	0	0	0	0	0	23.55	23.55
INVERTER	MV9	519310.97	4882423.86	2	0	0	100.3	100.3	1	1235.42	3.25	0	72.84	0	-0.14	0	0	11.63	0	0	0	0	0	0	15.99	15.99
INVERTER	MV31	521375.47	4883526.75	2	0	0	100.3	100.3	1	1256.39	3.25	0	72.98	0	-0.13	0	0	11.69	0	0	0	0	0	0	15.77	15.77
INVERTER	MV14	519549.01	4882213.86	2	0	0	100.3	100.3	1	1274.32	3.25	0	73.11	0	-0.12	0	0	11.73	0	0	0	0	0	0	15.59	15.59
INVERTER	MV4	519089.82	4882595.21	2	0	0	100.3	100.3	1	1285.05	3.25	0	73.18	0	-0.12	0	0	11.76	0	0	0	0	0	0	15.49	15.49
INVERTER	MV38	520380.93	4884646.78	2	0	0	100.3	100.3	1	1323.4	3.25	0	73.43	0	-0.1	0	0	11.87	0	0	0	0	0	0	15.11	15.11
INVERTER	MV11	519364.7	4882769.62	2	0	0	97.3	97.3	1	960.28	3.25	0	70.65	0	-0.27	0	0	10.78	0	0	0	0	0	0	16.15	16.15
INVERTER	MV5	519126.62	4882383.86	2	0	0	100.3	100.3	1	1392.28	3.25	0	73.87	0	-0.07	0	0	12.05	0	0	0	0	0	0	14.46	14.46
INVERTER	MV15	519559	4882060.35	2	0	0	100.3	100.3	1	1408.48	3.25	0	73.97	0	-0.07	0	0	12.09	0	0	0	0	0	0	14.31	14.31
INVERTER	MV42	521026.63	4884437.16	2	0	0	100.3	100.3	1	1410.26	3.25	0	73.99	0	-0.07	0	0	12.1	0	0	0	0	0	0	14.3	14.3
INVERTER	MV33	521543.7	4883556.75	2	0	0	100.3	100.3	1	1427.2	3.25	0	74.09	0	-0.06	0	0	12.14	0	0	0	0	0	0	14.14	14.14
INVERTER	MV39	520562.49	4884730.78	2	0	0	100.3	100.3	1	1449.2	3.25	0	74.22	0	-0.05	0	0	12.2	0	0	0	0	0	0	13.94	13.94
INVERTER	MV6	519159.47	4882193.86	2	0	0	100.3	100.3	1	1508.49	3.25	0	74.57	0	-0.03	0	0	12.35	0	0	0	0	0	0	13.43	13.43
INVERTER	MV26	521131.56	4883726.75	2	0	0	97.3	97.3	1	1069.27	3.25	0	71.58	0	-0.21	0	0	11.13	0	0	0	0	0	0	14.81	14.81
INVERTER	MV37	520345.66	4884850.78	2	0	0	100.3	100.3	1	1518.88	3.25	0	74.63	0	-0.03	0	0	12.37	0	0	0	0	0	0	13.34	13.34
INVERTER	MV10	519383.44	4882003.86	2	0	0	100.3	100.3	1	1537.65	3.25	0	74.74	0	-0.02	0	0	12.42	0	0	0	0	0	0	13.18	13.18
INVERTER	MV1	518942.28	4882343.86	2	0	0	100.3	100.3	1	1556.18	3.25	0	74.84	0	-0.01	0	0	12.46	0	0	0	0	0	0	13.02	13.02
INVERTER	MV41	520981.28	4884667.9	2	0	0	100.3	100.3	1	1570.37	3.25	0	74.92	0	-0.01	0	0	12.5	0	0	0	0	0	0	12.9	12.9
INVERTER	MV35	521726.44	4883606.75	2	0	0	100.3	100.3	1	1615.46	3.25	0	75.17	0	0.01	0	0	12.6	0	0	0	0	0	0	12.53	12.53
INVERTER	MV36	521687.36	4883832.75	2	0	0	100.3	100.3	1	1629.45	3.25	0	75.24	0	0.01	0	0	12.64	0	0	0	0	0	0	12.42	12.42
INVERTER	MV45	521201.3	4884593.26	2	0	0	100.3	100.3	1	1642.12	3.25	0	75.31	0	0.02	0	0	12.67	0	0	0	0	0	0	12.32	12.32
INVERTER	MV7	519193.98	4881993.86	2	0	0	100.3	100.3	1	1646.47	3.25	0	75.33	0	0.02	0	0	12.68	0	0	0	0	0	0	12.28	12.28
INVERTER	MV2	518973.41	4882163.86	2	0	0	100.3	100.3	1	1655.95	3.25	0	75.38	0	0.02	0	0	12.7	0	0	0	0	0	0	12.21	12.21
INVERTER	MV30	521351.26	4883666.75	2	0	0	97.3	97.3	1	1260.49	3.25	0	73.01	0	-0.13	0	0	11.7	0	0	0	0	0	0	12.73	12.73
INVERTER	MV44	521154.3	4884833.37	2	0	0	100.3	100.3	1	1804	3.25	0	76.12	0	0.07	0	0	13.04	0	0	0	0	0	0	11.08	11.08
INVERTER	MV32	521521.23	4883686.75	2	0	0	97.3	97.3	1	1430.17	3.25	0	74.11	0	-0.06	0	0	12.15	0	0	0	0	0	0	11.12	11.12
INVERTER	MV3	518997.61	4882023.86	2	0	0	97.3	97.3	1	1742.85	3.25	0	75.83	0	0.05	0	0	12.9	0	0	0	0	0	0	8.54	8.54
SUBSTATION TRANSFORMER	TRS	519493.37	4883252.44	3.5	0	0	87.9	87.9	1	645.59	4	0	67.2	0	-0.78	0	0	1.77	0	0	0	0	0	0	19.69	19.69
INVERTER	MV19	519745.15	4882089.95	2	0	0	89.1	89.1	1	1315.23	3.25	0	73.38	0	0.75	0	0	6.89	0	0	0	0	0	0	8.04	8.04
INVERTER	MV40	520573.85	4884258.92	2	0	0	86.1	86.1	1	1013.33	3.25	0	71.11	0	0.69	0	0	6.34	0	0	0	0	0	0	7.92	7.92
LINE REACTOR	LR	519485	4883285	6.8	0	0	82	82	1	649.97	5.65	0	67.26	0	-0.93	0	0	1.77	0	0	0	0	0	0	13.87	13.87
INV TRANSFORMER	MV47T	519833.6	4883248.41	2	0	0	68.7	68.7	1	314.28	3.25	0	60.95	0	0.27	0	0	0.97	0	0	0	0	0	0	6.49	6.49
INV TRANSFORMER	MV46T	519569.03	4883256.08	2	0	0	69.6	69.6	1	570.27	3.25	0	66.12	0	0.19	0	0	1.59	0	0	0	0	0	0	1.67	1.67
INV TRANSFORMER	MV21T	520786.16	4883512.56	2	0	0	68.7	68.7	1	674.79	3.25	0	67.58	0	0.2	0	0	1.83	0	0	0	0	0	0	-0.94	-0.94
INV TRANSFORMER	MV20T	520751.23	4883714.56	2	0	0	68.7	68.7	1	720.11	3.25	0	68.15	0	0.21	0	0	1.93	0	0	0	0	0	0	-1.61	-1.61
INV TRANSFORMER	MV16T	519639.98	4882695.3	2	0	0	68.7	68.7	1	816.58	3.25	0	69.24	0	0.23	0	0	2.14	0	0	0	0	0	0	-2.94	-2.94
INV TRANSFORMER	MV11T	519370.5	4882770.13	2	0	0	69.6	69.6	1	955.33	3.25	0	70.6	0	0.27	0	0	2.43	0	0	0	0	0	0	-3.72	-3.72
INV TRANSFORMER	MV23T	520969.02	4883562.56	2	0	0	68.7	68.7	1	864.33	3.25	0	69.73	0	0.25	0	0	2.24	0	0	0	0	0	0	-3.54	-3.54
INV TRANSFORMER	MV24T	521001.8	4883372.56	2	0	0	68.7	68.7	1	870.18	3.25	0	69.79	0	0.25	0	0	2.25	0	0	0	0	0	0	-3.61	-3.61
INV TRANSFORMER	MV22T	520936.13	4883752.78	2	0	0	68.7	68.7	1	900.71	3.25	0	70.09	0	0.25	0	0	2.32	0	0	0	0	0	0	-3.98	-3.98
INV TRANSFORMER	MV40T	520573.54	4884264.74	2	0	0	69.6	69.6	1	1018.43	3.25	0	71.16	0	0.28	0	0	2.56	0	0	0	0	0	0	-4.42	-4.42
INV TRANSFORMER	MV25T	521036.45	4883172.56	2	0	0	68.7	68.7	1	921.12	3.25	0	70.29	0	0.26	0	0	2.36	0	0	0	0	0	0	-4.23	-4.23
INV TRANSFORMER	MV12T	519470.22	4882671.01	2	0	0	68.7	68.7	1	946	3.25	0	70.52	0	0.27	0	0	2.41	0	0	0	0	0	0	-4.52	-4.52
INV TRANSFORMER	MV17T	519691.37	4882499.67	2	0	0	68.7	68.7	1	955.06	3.25	0	70.6	0	0.27	0	0	2.43	0	0	0	0	0	0	-4.62	-4.62
INV TRANSFORMER	MV26T	521131.06	4883732.56	2	0	0	69.6	69.6	1	1070.88	3.25	0	71.59	0	0.3	0	0	2.66	0	0	0	0	0	0	-4.98	-4.98
INV TRANSFORMER	MV27T	521153.54	4883602.56	2	0	0	68.7	68.7	1	1053.02	3.25	0	71.45	0	0.29	0	0	2.63	0	0	0	0	0	0	-5.69	-5.69
INV TRANSFORMER	MV28T	521189.85	4883392.56	2	0	0	68.7	68.7	1	1058.83	3.25	0	71.5	0	0.29	0	0	2.64	0	0	0	0	0	0	-5.75	-5.75
INV TRANSFORMER	MV13T	519508.74	4882449.67	2	0	0	68.7	68.7	1	1092.55	3.25	0	71.77	0	0.3	0	0	2.71	0	0	0	0	0	0	-6.1	-6.1
INV TRANSFORMER	MV29T	521222.7	4883202.56	2	0	0	68.7	68.7	1	1100.23	3.25	0	71.83	0	0.3	0	0	2.72	0	0	0	0	0	0	-6.18	-6.18
INV TRANSFORMER	MV18T	519724.16	4882309.67	2	0	0	68.7	68.7	1	1114.63	3.25	0	71.94	0	0.31	0	0	2.75	0	0	0	0	0	0	-6.32	-6.32
INV TRANSFORMER	MV8T	519258.81	4882625.3	2	0	0	68.7	68.7	1	1132.84	3.25	0	72.08	0	0.31	0	0	2.79	0	0	0	0	0	0	-6.51	-6.51
INV TRANSFORMER	MV30T	521350.76	4883672.56	2	0	0	69.6	69.6	1	1261.5	3.25	0	73.02	0	0.35	0	0	3.04	0	0	0	0	0	0	-6.82	-6.82
INV TRANSFORMER	MV9T	519310.48	4882429.67	2	0	0	68.7	68.7	1	1231.42	3.25	0	72.81	0	0.34	0	0	2.98	0	0	0	0	0	0	-7.45	-7.45
INV TRANSFORMER	MV31T	521374.97	4883532.56	2	0	0	68.7	68.7	1	1256.75	3.25	0	72.98	0	0.35	0	0	3.03	0	0	0	0	0	0	-7.68	-7.68
INV TRANSFORMER	MV14T	519548.51	4882219.67	2	0	0	68.7	68.7	1	1269.39	3.25	0	73.07	0	0.35	0	0	3.05	0	0	0	0	0	0	-7.8	-7.8
INV TRANSFORMER	MV4T	519089.32	4882601.01	2	0	0	68.7	68.7	1	1282.07	3.25	0	73.16	0	0.35	0	0	3.08	0	0	0	0	0	0	-7.91	-7.91
INV TRANSFORMER	MV32T	521520.73	4883692.56	2	0	0	69.6	69.6	1	1431.08	3.25	0	74.11	0	0.39	0	0	3.36	0	0	0	0	0	0	-8.28	-8.28
INV TRANSFORMER	MV19T	519745.65	4882084.15	2	0	0	68.7	68.7	1	1320.63	3.25	0	73.42	0	0.36	0	0	3.15	0	0	0	0	0	0	-8.25	-8.25
INV TRANSFORMER	MV38T	520380.43	4884652.58	2	0	0	68.7	68.7	1	1329.01	3.25	0	73.47	0	0.36	0	0	3.16	0	0	0	0	0	0	-8.32	-8.32
INV TRANSFORMER	MV5T	519126.12	4882389.67	2	0	0	68.7	68.7	1	1388.63	3.25	0	73.85	0	0.38	0	0	3.28	0	0	0	0	0	0	-8.83	-8.83
INV TRANSFORMER	MV42T	521027.26	4884431.37	2	0	0	68.7	68.7	1	1406.18	3.25	0	73.96	0	0.38	0	0	3.31	0	0	0	0	0	0	-8.98	-8.98
INV TRANSFORMER	MV15T	519559.49	4882054.55	2	0	0	68.7	68.7	1	1413.58	3.25	0	74.01	0	0.39	0	0	3.32	0	0	0	0	0	0	-9.04	-9.04
INV TRANSFORMER	MV33T	521543.21	4883562.56	2	0	0	68.7	68.7	1	1427.58	3.25	0	74.09	0	0.39	0	0	3.35	0	0	0	0	0	0	-9.16	-9.16
INV TRANSFORMER	MV39T	520562	4884736.58	2	0	0	68.7	68.7	1	1454.59	3.25	0	74.25	0	0.4	0	0	3.4	0	0	0	0	0	0	-9.38	-9.38
INV TRANSFORMER	MV6T	519158.97	4882199.67	2	0	0	68.7	68.7	1	1504.38	3.25	0	74.55	0	0.41	0	0	3.49	0	0	0	0	0	0	-9.77	-9.77
INV TRANSFORMER	MV37T	520345.16	4884856.58	2	0	0	68.7	68.7	1	1524.56	3.25	0	74.66	0	0.42	0	0	3.53	0	0	0	0	0	0	-9.93	-9.93
INV TRANSFORMER	MV10T	519382.94	4882009.67	2	0	0	68.7	68.7	1	1532.82	3.25	0	74.71	0	0.42	0	0	3.54	0	0	0	0	0	0	-10	-10
INV TRANSFORMER	MV1T	518941.79	4882349.67	2	0	0	68.7	68.7	1	1552.83	3.25	0	74.82	0	0.42	0	0	3.58	0	0	0	0	0	0	-10.15	-10.15
INV TRANSFORMER	MV41T	520981.91	4884662.11	2	0	0	68.7	68.7	1	1565.84	3.25	0	74.89	0	0.43	0	0	3.6	0	0	0	0	0	0	-10.25	-10.25
INV TRANSFORMER	MV3T	518997.12	4882029.67	2	0	0	69.6	69.6	1	1738.77	3.25	0	75.8	0	0.47	0	0	3.91	0	0	0	0	0	0	-10.62	-10.62
INV TRANSFORMER	MV35T	521725.94	4883612.56	2	0	0	68.7	68.7	1	1615.91	3.25	0	75.17	0	0.44	0	0	3.69	0	0	0	0	0	0	-10.63	-10.63
INV TRANSFORMER	MV36T	521686.86	4883838.56	2	0	0	68.7	68.7	1	1630.72	3.25	0	75.25	0	0.44	0	0	3.72	0	0	0	0	0	0	-10.74	-10.74

INV TRANSFORMER	MV7T	519193.49	4881999.67	2	0	0	68.7	68.7	1	1641.98	3.25	0	75.31	0	0.45	0	0	3.74	0	0	0	0	0	0	-10.82	-10.82
INV TRANSFORMER	MV45T	521200.69	4884599.06	2	0	0	68.7	68.7	1	1646.13	3.25	0	75.33	0	0.45	0	0	3.75	0	0	0	0	0	0	-10.85	-10.85
INV TRANSFORMER	MV2T	518972.91	4882169.67	2	0	0	68.7	68.7	1	1652.15	3.25	0	75.36	0	0.45	0	0	3.76	0	0	0	0	0	0	-10.89	-10.89
INV TRANSFORMER	MV44T	521153.69	4884839.17	2	0	0	68.7	68.7	1	1808.43	3.25	0	76.15	0	0.49	0	0	4.04	0	0	0	0	0	0	-12	-12
mit. Value D/N:	0	0																							
Level D/N:	34.8423	34.8423																							

Receiver: Existing Noise Receptor
ID: R40
X: 518629
Y: 4881104
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	INVERTER	MV7	519193.98	4881993.86	2	0	0	100.3	100.3	1	1054.07	3.25	0	71.46	0	-0.22	0	0	11.09	0	0	0	0	0	0	17.99	17.99
	INVERTER	MV2	518973.41	4882163.86	2	0	0	100.3	100.3	1	1114.42	3.25	0	71.94	0	-0.19	0	0	11.27	0	0	0	0	0	0	17.29	17.29
	INVERTER	MV10	519383.44	4882003.86	2	0	0	100.3	100.3	1	1174.28	3.25	0	72.4	0	-0.17	0	0	11.45	0	0	0	0	0	0	16.63	16.63
	INVERTER	MV6	519159.47	4882193.86	2	0	0	100.3	100.3	1	1212.11	3.25	0	72.67	0	-0.15	0	0	11.56	0	0	0	0	0	0	16.23	16.23
	INVERTER	MV1	518942.28	4882343.86	2	0	0	100.3	100.3	1	1278.83	3.25	0	73.14	0	-0.12	0	0	11.75	0	0	0	0	0	0	15.55	15.55
	INVERTER	MV15	519559	4882060.35	2	0	0	100.3	100.3	1	1333.98	3.25	0	73.5	0	-0.1	0	0	11.9	0	0	0	0	0	0	15.01	15.01
	INVERTER	MV5	519126.62	4882383.86	2	0	0	100.3	100.3	1	1373.2	3.25	0	73.75	0	-0.08	0	0	12	0	0	0	0	0	0	14.64	14.64
	INVERTER	MV3	518997.61	4882023.86	2	0	0	97.3	97.3	1	990.98	3.25	0	70.92	0	-0.25	0	0	10.88	0	0	0	0	0	0	15.76	15.76
	INVERTER	MV14	519549.01	4882213.86	2	0	0	100.3	100.3	1	1441.6	3.25	0	74.18	0	-0.06	0	0	12.18	0	0	0	0	0	0	14.01	14.01
	INVERTER	MV9	519310.97	4882423.86	2	0	0	100.3	100.3	1	1485.64	3.25	0	74.44	0	-0.04	0	0	12.29	0	0	0	0	0	0	13.62	13.62
	INVERTER	MV4	519089.82	4882595.21	2	0	0	100.3	100.3	1	1560.78	3.25	0	74.87	0	-0.01	0	0	12.47	0	0	0	0	0	0	12.98	12.98
	INVERTER	MV13	519509.24	4882443.86	2	0	0	100.3	100.3	1	1603.14	3.25	0	75.1	0	0	0	0	12.58	0	0	0	0	0	0	12.63	12.63
	INVERTER	MV18	519724.65	4882303.86	2	0	0	100.3	100.3	1	1624.85	3.25	0	75.22	0	0.01	0	0	12.63	0	0	0	0	0	0	12.46	12.46
	INVERTER	MV8	519258.31	4882631.1	2	0	0	100.3	100.3	1	1651.69	3.25	0	75.36	0	0.02	0	0	12.69	0	0	0	0	0	0	12.24	12.24
	INVERTER	MV17	519691.86	4882493.86	2	0	0	100.3	100.3	1	1749.69	3.25	0	75.86	0	0.05	0	0	12.92	0	0	0	0	0	0	11.48	11.48
	INVERTER	MV12	519470.71	4882665.21	2	0	0	100.3	100.3	1	1773.65	3.25	0	75.98	0	0.06	0	0	12.97	0	0	0	0	0	0	11.3	11.3
	INVERTER	MV16	519639.48	4882701.1	2	0	0	100.3	100.3	1	1889.93	3.25	0	76.53	0	0.1	0	0	13.23	0	0	0	0	0	0	10.46	10.46
	INVERTER	MV11	519364.7	4882769.62	2	0	0	97.3	97.3	1	1820.86	3.25	0	76.21	0	0.08	0	0	13.08	0	0	0	0	0	0	7.96	7.96
	INVERTER	MV19	519745.15	4882089.95	2	0	0	89.1	89.1	1	1489.26	3.25	0	74.46	0	0.79	0	0	7.19	0	0	0	0	0	0	6.62	6.62
	INV TRANSFORMER	MV3T	518997.12	4882029.67	2	0	0	69.6	69.6	1	996.18	3.25	0	70.97	0	0.28	0	0	2.51	0	0	0	0	0	0	-4.18	-4.18
	INV TRANSFORMER	MV7T	519193.49	4881999.67	2	0	0	68.7	68.7	1	1058.71	3.25	0	71.5	0	0.29	0	0	2.64	0	0	0	0	0	0	-5.75	-5.75
	INV TRANSFORMER	MV2T	518972.91	4882169.67	2	0	0	68.7	68.7	1	1119.79	3.25	0	71.98	0	0.31	0	0	2.76	0	0	0	0	0	0	-6.38	-6.38
	INV TRANSFORMER	MV10T	519382.94	4882009.67	2	0	0	68.7	68.7	1	1178.42	3.25	0	72.43	0	0.33	0	0	2.88	0	0	0	0	0	0	-6.95	-6.95
	INV TRANSFORMER	MV6T	519158.97	4882199.67	2	0	0	68.7	68.7	1	1217.11	3.25	0	72.71	0	0.34	0	0	2.95	0	0	0	0	0	0	-7.32	-7.32
	INV TRANSFORMER	MV1T	518941.79	4882349.67	2	0	0	68.7	68.7	1	1284.34	3.25	0	73.17	0	0.35	0	0	3.08	0	0	0	0	0	0	-7.93	-7.93
	INV TRANSFORMER	MV15T	519559.49	4882054.55	2	0	0	68.7	68.7	1	1330.17	3.25	0	73.48	0	0.36	0	0	3.17	0	0	0	0	0	0	-8.33	-8.33
	INV TRANSFORMER	MV5T	519126.12	4882389.67	2	0	0	68.7	68.7	1	1378.43	3.25	0	73.79	0	0.38	0	0	3.26	0	0	0	0	0	0	-8.75	-8.75
	INV TRANSFORMER	MV14T	519548.51	4882219.67	2	0	0	68.7	68.7	1	1445.76	3.25	0	74.2	0	0.4	0	0	3.38	0	0	0	0	0	0	-9.3	-9.3
	INV TRANSFORMER	MV19T	519745.65	4882084.15	2	0	0	68.7	68.7	1	1485.8	3.25	0	74.44	0	0.41	0	0	3.46	0	0	0	0	0	0	-9.63	-9.63
	INV TRANSFORMER	MV9T	519310.48	4882429.67	2	0	0	68.7	68.7	1	1490.57	3.25	0	74.47	0	0.41	0	0	3.47	0	0	0	0	0	0	-9.66	-9.66
	INV TRANSFORMER	MV4T	519089.32	4882601.01	2	0	0	68.7	68.7	1	1566.19	3.25	0	74.9	0	0.43	0	0	3.6	0	0	0	0	0	0	-10.25	-10.25
	INV TRANSFORMER	MV13T	519508.74	4882449.67	2	0	0	68.7	68.7	1	1607.72	3.25	0	75.12	0	0.44	0	0	3.68	0	0	0	0	0	0	-10.57	-10.57
	INV TRANSFORMER	MV18T	519724.16	4882309.67	2	0	0	68.7	68.7	1	1628.81	3.25	0	75.24	0	0.44	0	0	3.72	0	0	0	0	0	0	-10.72	-10.72
	INV TRANSFORMER	MV11T	519370.5	4882770.13	2	0	0	69.6	69.6	1	1823.69	3.25	0	76.22	0	0.5	0	0	4.06	0	0	0	0	0	0	-11.2	-11.2
	INV TRANSFORMER	MV8T	519258.81	4882625.3	2	0	0	68.7	68.7	1	1646.52	3.25	0	75.33	0	0.45	0	0	3.75	0	0	0	0	0	0	-10.85	-10.85
	INV TRANSFORMER	MV17T	519691.37	4882499.67	2	0	0	68.7	68.7	1	1754	3.25	0	75.88	0	0.48	0	0	3.94	0	0	0	0	0	0	-11.62	-11.62
	INV TRANSFORMER	MV12T	519470.22	4882671.01	2	0	0	68.7	68.7	1	1778.53	3.25	0	76	0	0.48	0	0	3.98	0	0	0	0	0	0	-11.79	-11.79
	INV TRANSFORMER	MV16T	519639.98	4882695.3	2	0	0	68.7	68.7	1	1885.29	3.25	0	76.51	0	0.51	0	0	4.17	0	0	0	0	0	0	-12.51	-12.51
mit. Value D/N:	0	0																									
Level D/N:	27.0916	27.0916																									

Receiver: Existing Noise Receptor
ID: R41
X: 518620
Y: 4881578
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	INVERTER	MV2	518973.41	4882163.86	2	0	0	100.3	100.3	1	684.21	3.25	0	67.7	0	-0.42	0	0	9.66	0	0	0	0	0	0	23.37	23.37
	INVERTER	MV7	519193.98	4881993.86	2	0	0	100.3	100.3	1	708.81	3.25	0	68.01	0	-0.41	0	0	9.78	0	0	0	0	0	0	22.93	22.93
	INVERTER	MV6	519159.47	4882193.86	2	0	0	100.3	100.3	1	818.73	3.25	0	69.26	0	-0.34	0	0	10.26	0	0	0	0	0	0	21.13	21.13
	INVERTER	MV3	518997.61	4882023.86	2	0	0	97.3	97.3	1	584.29	3.25	0	66.33	0	-0.49	0	0	9.11	0	0	0	0	0	0	22.36	22.36
	INVERTER	MV1	518942.28	4882343.86	2	0	0	100.3	100.3	1	830.92	3.25	0	69.39	0	-0.33	0	0	10.3	0	0	0	0	0	0	20.95	20.95
	INVERTER	MV10	519383.44	4882003.86	2	0	0	100.3	100.3	1	874.19	3.25	0	69.83	0	-0.31	0	0	10.47	0	0	0	0	0	0	20.32	20.32
	INVERTER	MV5	519126.62	4882383.86	2	0	0	100.3	100.3	1	951.88	3.25	0	70.57	0	-0.27	0	0	10.75	0	0	0	0	0	0	19.26	19.26
	INVERTER	MV15	519559	4882060.35	2	0	0	100.3	100.3	1	1055.65	3.25	0	71.47	0	-0.22	0	0	11.09	0	0	0	0	0	0	17.97	17.97

INVERTER	MV9	519310.97	4882423.86	2	0	0	100.3	100.3	1	1092.22	3.25	0	71.77	0	-0.2	0	0	11.2	0	0	0	0	0	0	17.54	17.54
INVERTER	MV4	519089.82	4882595.21	2	0	0	100.3	100.3	1	1120.46	3.25	0	71.99	0	-0.19	0	0	11.29	0	0	0	0	0	0	17.22	17.22
INVERTER	MV14	519549.01	4882213.86	2	0	0	100.3	100.3	1	1125.78	3.25	0	72.03	0	-0.19	0	0	11.31	0	0	0	0	0	0	17.16	17.16
INVERTER	MV8	519258.31	4882631.1	2	0	0	100.3	100.3	1	1231.45	3.25	0	72.81	0	-0.14	0	0	11.62	0	0	0	0	0	0	16.03	16.03
INVERTER	MV13	519509.24	4882443.86	2	0	0	100.3	100.3	1	1241.16	3.25	0	72.88	0	-0.14	0	0	11.64	0	0	0	0	0	0	15.93	15.93
INVERTER	MV18	519724.65	4882303.86	2	0	0	100.3	100.3	1	1321.8	3.25	0	73.42	0	-0.1	0	0	11.86	0	0	0	0	0	0	15.13	15.13
INVERTER	MV12	519470.71	4882665.21	2	0	0	100.3	100.3	1	1380.48	3.25	0	73.8	0	-0.08	0	0	12.02	0	0	0	0	0	0	14.57	14.57
INVERTER	MV17	519691.86	4882493.86	2	0	0	100.3	100.3	1	1409.86	3.25	0	73.98	0	-0.07	0	0	12.1	0	0	0	0	0	0	14.3	14.3
INVERTER	MV16	519639.48	4882701.1	2	0	0	100.3	100.3	1	1516.81	3.25	0	74.62	0	-0.03	0	0	12.37	0	0	0	0	0	0	13.35	13.35
INVERTER	MV11	519364.7	4882769.62	2	0	0	97.3	97.3	1	1405.18	3.25	0	73.95	0	-0.07	0	0	12.08	0	0	0	0	0	0	11.34	11.34
INVERTER	MV46	519569.31	4883250.26	2	0	0	97.3	97.3	1	1922.92	3.25	0	76.68	0	0.11	0	0	13.3	0	0	0	0	0	0	7.23	7.23
DSTATCOM UNIT	DSTAT	519479.25	4883282.56	2.5	0	0	96.6	96.6	1	1908.88	3.5	0	76.62	0	3.2	0	0	1.66	0	0	0	0	0	0	15.15	15.15
INVERTER	MV19	519745.15	4882089.95	2	0	0	89.1	89.1	1	1236.15	3.25	0	72.84	0	0.73	0	0	6.75	0	0	0	0	0	0	8.73	8.73
SUBSTATION TRANSFORMER	TRS	519493.37	4883252.44	3.5	0	0	87.9	87.9	1	1888.52	4	0	76.52	0	-0.69	0	0	4.18	0	0	0	0	0	0	7.87	7.87
LINE REACTOR	LR	519485	4883285	6.8	0	0	82	82	1	1913.66	5.65	0	76.64	0	-1.05	0	0	4.22	0	0	0	0	0	0	2.17	2.17
INV TRANSFORMER	MV3T	518997.12	4882029.67	2	0	0	69.6	69.6	1	588.41	3.25	0	66.39	0	0.19	0	0	1.64	0	0	0	0	0	0	1.36	1.36
INV TRANSFORMER	MV2T	518972.91	4882169.67	2	0	0	68.7	68.7	1	688.93	3.25	0	67.76	0	0.21	0	0	1.86	0	0	0	0	0	0	-1.15	-1.15
INV TRANSFORMER	MV7T	519193.49	4881999.67	2	0	0	68.7	68.7	1	711.83	3.25	0	68.05	0	0.21	0	0	1.91	0	0	0	0	0	0	-1.49	-1.49
INV TRANSFORMER	MV6T	519158.97	4882199.67	2	0	0	68.7	68.7	1	822.78	3.25	0	69.31	0	0.23	0	0	2.15	0	0	0	0	0	0	-3.02	-3.02
INV TRANSFORMER	MV1T	518941.79	4882349.67	2	0	0	68.7	68.7	1	836.08	3.25	0	69.44	0	0.24	0	0	2.18	0	0	0	0	0	0	-3.19	-3.19
INV TRANSFORMER	MV10T	519382.94	4882009.67	2	0	0	68.7	68.7	1	876.6	3.25	0	69.86	0	0.25	0	0	2.27	0	0	0	0	0	0	-3.69	-3.69
INV TRANSFORMER	MV5T	519126.12	4882389.67	2	0	0	68.7	68.7	1	956.54	3.25	0	70.61	0	0.27	0	0	2.43	0	0	0	0	0	0	-4.64	-4.64
INV TRANSFORMER	MV15T	519559.49	4882054.55	2	0	0	68.7	68.7	1	1053.45	3.25	0	71.45	0	0.29	0	0	2.63	0	0	0	0	0	0	-5.7	-5.7
INV TRANSFORMER	MV9T	519310.48	4882429.67	2	0	0	68.7	68.7	1	1096.4	3.25	0	71.8	0	0.3	0	0	2.71	0	0	0	0	0	0	-6.14	-6.14
INV TRANSFORMER	MV4T	519089.32	4882601.01	2	0	0	68.7	68.7	1	1125.53	3.25	0	72.03	0	0.31	0	0	2.77	0	0	0	0	0	0	-6.43	-6.43
INV TRANSFORMER	MV14T	519548.51	4882219.67	2	0	0	68.7	68.7	1	1128.66	3.25	0	72.05	0	0.31	0	0	2.78	0	0	0	0	0	0	-6.46	-6.46
INV TRANSFORMER	MV8T	519258.81	4882625.3	2	0	0	68.7	68.7	1	1226.75	3.25	0	72.78	0	0.34	0	0	2.97	0	0	0	0	0	0	-7.41	-7.41
INV TRANSFORMER	MV19T	519745.65	4882084.15	2	0	0	68.7	68.7	1	1234.21	3.25	0	72.83	0	0.34	0	0	2.98	0	0	0	0	0	0	-7.47	-7.47
INV TRANSFORMER	MV13T	519508.74	4882449.67	2	0	0	68.7	68.7	1	1244.86	3.25	0	72.9	0	0.34	0	0	3	0	0	0	0	0	0	-7.57	-7.57
INV TRANSFORMER	MV11T	519370.5	4882770.13	2	0	0	69.6	69.6	1	1408.7	3.25	0	73.98	0	0.39	0	0	3.31	0	0	0	0	0	0	-8.1	-8.1
INV TRANSFORMER	MV18T	519724.16	4882309.67	2	0	0	68.7	68.7	1	1324.58	3.25	0	73.44	0	0.36	0	0	3.16	0	0	0	0	0	0	-8.28	-8.28
INV TRANSFORMER	MV12T	519470.22	4882671.01	2	0	0	68.7	68.7	1	1384.75	3.25	0	73.83	0	0.38	0	0	3.27	0	0	0	0	0	0	-8.8	-8.8
INV TRANSFORMER	MV17T	519691.37	4882499.67	2	0	0	68.7	68.7	1	1413.26	3.25	0	74	0	0.39	0	0	3.32	0	0	0	0	0	0	-9.04	-9.04
INV TRANSFORMER	MV16T	519639.98	4882695.3	2	0	0	68.7	68.7	1	1512.85	3.25	0	74.6	0	0.41	0	0	3.51	0	0	0	0	0	0	-9.84	-9.84
INV TRANSFORMER	MV46T	519569.03	4883256.08	2	0	0	69.6	69.6	1	1927.85	3.25	0	76.7	0	0.52	0	0	4.24	0	0	0	0	0	0	-11.89	-11.89

mit. Value D/N: 0
0

Level D/N: 31.8156
31.8156

Receiver: Existing Noise Receptor
ID: R42
X: 518565
Y: 4882221
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	INVERTER	MV1	518942.28	4882343.86	2	0	0	100.3	100.3	1	396.79	3.25	0	62.97	0	-0.62	0	0	7.59	0	0	0	0	0	0	30.37	30.37
	INVERTER	MV2	518973.41	4882163.86	2	0	0	100.3	100.3	1	412.39	3.25	0	63.31	0	-0.61	0	0	7.75	0	0	0	0	0	0	29.87	29.87
	INVERTER	MV5	519126.62	4882383.86	2	0	0	100.3	100.3	1	584.76	3.25	0	66.34	0	-0.49	0	0	9.11	0	0	0	0	0	0	25.35	25.35
	INVERTER	MV6	519159.47	4882193.86	2	0	0	100.3	100.3	1	595.09	3.25	0	66.49	0	-0.48	0	0	9.17	0	0	0	0	0	0	25.13	25.13
	INVERTER	MV4	519089.82	4882595.21	2	0	0	100.3	100.3	1	644.57	3.25	0	67.19	0	-0.45	0	0	9.46	0	0	0	0	0	0	24.12	24.12
	INVERTER	MV7	519193.98	4881993.86	2	0	0	100.3	100.3	1	668.74	3.25	0	67.51	0	-0.43	0	0	9.58	0	0	0	0	0	0	23.66	23.66
	INVERTER	MV3	518997.61	4882023.86	2	0	0	97.3	97.3	1	475.42	3.25	0	64.54	0	-0.57	0	0	8.33	0	0	0	0	0	0	25.01	25.01
	INVERTER	MV9	519310.97	4882423.86	2	0	0	100.3	100.3	1	773.07	3.25	0	68.76	0	-0.37	0	0	10.07	0	0	0	0	0	0	21.85	21.85
	INVERTER	MV8	519258.31	4882631.1	2	0	0	100.3	100.3	1	805.53	3.25	0	69.12	0	-0.35	0	0	10.2	0	0	0	0	0	0	21.34	21.34
	INVERTER	MV10	519383.44	4882003.86	2	0	0	100.3	100.3	1	846.76	3.25	0	69.56	0	-0.33	0	0	10.37	0	0	0	0	0	0	20.72	20.72
	INVERTER	MV13	519509.24	4882443.86	2	0	0	100.3	100.3	1	970.19	3.25	0	70.74	0	-0.26	0	0	10.81	0	0	0	0	0	0	19.02	19.02
	INVERTER	MV14	519549.01	4882213.86	2	0	0	100.3	100.3	1	984.03	3.25	0	70.86	0	-0.25	0	0	10.86	0	0	0	0	0	0	18.85	18.85
	INVERTER	MV15	519559	4882060.35	2	0	0	100.3	100.3	1	1006.9	3.25	0	71.06	0	-0.24	0	0	10.93	0	0	0	0	0	0	18.56	18.56
	INVERTER	MV12	519470.71	4882665.21	2	0	0	100.3	100.3	1	1008.78	3.25	0	71.08	0	-0.24	0	0	10.94	0	0	0	0	0	0	18.54	18.54
	INVERTER	MV17	519691.86	4882493.86	2	0	0	100.3	100.3	1	1159.43	3.25	0	72.28	0	-0.17	0	0	11.41	0	0	0	0	0	0	16.79	16.79
	INVERTER	MV18	519724.65	4882303.86	2	0	0	100.3	100.3	1	1162.61	3.25	0	72.31	0	-0.17	0	0	11.42	0	0	0	0	0	0	16.76	16.76
	INVERTER	MV16	519639.48	4882701.1	2	0	0	100.3	100.3	1	1176.87	3.25	0	72.41	0	-0.16	0	0	11.46	0	0	0	0	0	0	16.6	16.6
	INVERTER	MV11	519364.7	4882769.62	2	0	0	97.3	97.3	1	969.79	3.25	0	70.73	0	-0.26	0	0	10.81	0	0	0	0	0	0	16.03	16.03
	INVERTER	MV46	519569.31	4883250.26	2	0	0	97.3	97.3	1	1438.06	3.25	0	74.16	0	-0.06	0	0	12.17	0	0	0	0	0	0	11.04	11.04
	DSTATCOM UNIT	DSTAT	519479.25	4883282.56	2.5	0	0	96.6	96.6	1	1400.98	3.5	0	73.93	0	3.09	0	0	1.34	0	0	0	0	0	0	18.27	18.27
	INVERTER	MV19	519745.15	4882089.95	2	0	0	89.1	89.1	1	1187.41	3.25	0	72.49	0	0.72	0	0	6.66	0	0	0	0	0	0	9.18	9.18
	SUBSTATION TRANSFORMER	TRS	519493.37	4883252.44	3.5	0	0	87.9	87.9	1	1387.71	4	0	73.85	0	-0.77	0	0	3.28	0	0	0	0	0	0	11.52	11.52
	INVERTER	MV47	519833.32	4883254.23	2	0	0	89.1	89.1	1	1635.91	3.25	0	75.28	0	0.82	0	0	7.44	0	0	0	0	0	0	5.52	5.52
	LINE REACTOR	LR	519485	4883285	6.8	0	0	82	82	1	1406.59	5.65	0	73.96	0	-1.07	0	0	3.31	0	0	0	0	0	0	5.77	5.77
	INV TRANSFORMER	MV1T	518941.79	4882349.67	2	0	0	68.7	68.7	1	398.16	3.25	0	63	0	0.21	0	0	1.18	0	0	0	0	0	0	4.28	4.28
	INV TRANSFORMER	MV2T	518972.91	4882169.67	2	0	0	68.7	68.7	1	411.14	3.25	0	63.28	0	0.2	0	0	1.22	0	0	0	0	0	0	3.98	3.98

INV TRANSFORMER	MV3T	518997.12	4882029.67	2	0	0	69.6	69.6	1	472.59	3.25	0	64.49	0	0.19	0	0	1.36	0	0	0	0	0	0	3.53	3.53
INV TRANSFORMER	MV5T	519126.12	4882389.67	2	0	0	68.7	68.7	1	585.93	3.25	0	66.36	0	0.19	0	0	1.63	0	0	0	0	0	0	0.5	0.5
INV TRANSFORMER	MV6T	519158.97	4882199.67	2	0	0	68.7	68.7	1	594.36	3.25	0	66.48	0	0.19	0	0	1.65	0	0	0	0	0	0	0.36	0.36
INV TRANSFORMER	MV4T	519089.32	4882601.01	2	0	0	68.7	68.7	1	647.55	3.25	0	67.23	0	0.2	0	0	1.77	0	0	0	0	0	0	-0.52	-0.52
INV TRANSFORMER	MV7T	519193.49	4881999.67	2	0	0	68.7	68.7	1	666.33	3.25	0	67.47	0	0.2	0	0	1.81	0	0	0	0	0	0	-0.81	-0.81
INV TRANSFORMER	MV9T	519310.48	4882429.67	2	0	0	68.7	68.7	1	774.13	3.25	0	68.78	0	0.22	0	0	2.05	0	0	0	0	0	0	-2.37	-2.37
INV TRANSFORMER	MV8T	519258.81	4882625.3	2	0	0	68.7	68.7	1	803.02	3.25	0	69.09	0	0.23	0	0	2.11	0	0	0	0	0	0	-2.76	-2.76
INV TRANSFORMER	MV10T	519382.94	4882009.67	2	0	0	68.7	68.7	1	844.81	3.25	0	69.54	0	0.24	0	0	2.2	0	0	0	0	0	0	-3.3	-3.3
INV TRANSFORMER	MV11T	519370.5	4882770.13	2	0	0	69.6	69.6	1	974.88	3.25	0	70.78	0	0.27	0	0	2.47	0	0	0	0	0	0	-3.94	-3.94
INV TRANSFORMER	MV13T	519508.74	4882449.67	2	0	0	68.7	68.7	1	971.05	3.25	0	70.74	0	0.27	0	0	2.46	0	0	0	0	0	0	-4.8	-4.8
INV TRANSFORMER	MV14T	519548.51	4882219.67	2	0	0	68.7	68.7	1	983.51	3.25	0	70.86	0	0.27	0	0	2.49	0	0	0	0	0	0	-4.94	-4.94
INV TRANSFORMER	MV15T	519559.49	4882054.55	2	0	0	68.7	68.7	1	1008.33	3.25	0	71.07	0	0.28	0	0	2.54	0	0	0	0	0	0	-5.21	-5.21
INV TRANSFORMER	MV12T	519470.22	4882671.01	2	0	0	68.7	68.7	1	1010.91	3.25	0	71.09	0	0.28	0	0	2.54	0	0	0	0	0	0	-5.24	-5.24
INV TRANSFORMER	MV17T	519691.37	4882499.67	2	0	0	68.7	68.7	1	1160.33	3.25	0	72.29	0	0.32	0	0	2.84	0	0	0	0	0	0	-6.78	-6.78
INV TRANSFORMER	MV18T	519724.16	4882309.67	2	0	0	68.7	68.7	1	1162.55	3.25	0	72.31	0	0.32	0	0	2.84	0	0	0	0	0	0	-6.8	-6.8
INV TRANSFORMER	MV16T	519639.98	4882695.3	2	0	0	68.7	68.7	1	1174.97	3.25	0	72.4	0	0.32	0	0	2.87	0	0	0	0	0	0	-6.92	-6.92
INV TRANSFORMER	MV19T	519745.65	4882084.15	2	0	0	68.7	68.7	1	1188.56	3.25	0	72.5	0	0.33	0	0	2.89	0	0	0	0	0	0	-7.05	-7.05
INV TRANSFORMER	MV46T	519569.03	4883256.08	2	0	0	69.6	69.6	1	1442.04	3.25	0	74.18	0	0.39	0	0	3.38	0	0	0	0	0	0	-8.37	-8.37
INV TRANSFORMER	MV47T	519833.6	4883248.41	2	0	0	68.7	68.7	1	1632.46	3.25	0	75.26	0	0.44	0	0	3.72	0	0	0	0	0	0	-10.75	-10.75

mit. Value D/N: 0 0

Level D/N: 36.579 36.579

Receiver: Existing Noise Receptor

ID: R43

X: 518406

Y: 4882721

Z: 4.5

Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	INVERTER	MV1	518942.28	4882343.86	2	0	0	100.3	100.3	1	655.62	3.25	0	67.33	0	-0.44	0	0	9.51	0	0	0	0	0	0	23.9	23.9
	INVERTER	MV4	519089.82	4882595.21	2	0	0	100.3	100.3	1	695.29	3.25	0	67.84	0	-0.41	0	0	9.71	0	0	0	0	0	0	23.17	23.17
	INVERTER	MV2	518973.41	4882163.86	2	0	0	100.3	100.3	1	795.21	3.25	0	69.01	0	-0.35	0	0	10.16	0	0	0	0	0	0	21.5	21.5
	INVERTER	MV5	519126.62	4882383.86	2	0	0	100.3	100.3	1	795.58	3.25	0	69.01	0	-0.35	0	0	10.16	0	0	0	0	0	0	21.49	21.49
	INVERTER	MV8	519258.31	4882631.1	2	0	0	100.3	100.3	1	857.04	3.25	0	69.66	0	-0.32	0	0	10.41	0	0	0	0	0	0	20.57	20.57
	INVERTER	MV6	519159.47	4882193.86	2	0	0	100.3	100.3	1	919.56	3.25	0	70.27	0	-0.29	0	0	10.64	0	0	0	0	0	0	19.69	19.69
	INVERTER	MV9	519310.97	4882423.86	2	0	0	100.3	100.3	1	952.51	3.25	0	70.58	0	-0.27	0	0	10.75	0	0	0	0	0	0	19.25	19.25
	INVERTER	MV12	519470.71	4882665.21	2	0	0	100.3	100.3	1	1066.18	3.25	0	71.56	0	-0.21	0	0	11.12	0	0	0	0	0	0	17.85	17.85
	INVERTER	MV7	519193.98	4881993.86	2	0	0	100.3	100.3	1	1072.22	3.25	0	71.61	0	-0.21	0	0	11.14	0	0	0	0	0	0	17.78	17.78
	INVERTER	MV13	519509.24	4882443.86	2	0	0	100.3	100.3	1	1137.52	3.25	0	72.12	0	-0.18	0	0	11.34	0	0	0	0	0	0	17.03	17.03
	INVERTER	MV10	519383.44	4882003.86	2	0	0	100.3	100.3	1	1212.3	3.25	0	72.67	0	-0.15	0	0	11.56	0	0	0	0	0	0	16.23	16.23
	INVERTER	MV16	519639.48	4882701.1	2	0	0	100.3	100.3	1	1233.65	3.25	0	72.82	0	-0.14	0	0	11.62	0	0	0	0	0	0	16.01	16.01
	INVERTER	MV14	519549.01	4882213.86	2	0	0	100.3	100.3	1	1250.46	3.25	0	72.94	0	-0.13	0	0	11.67	0	0	0	0	0	0	15.83	15.83
	INVERTER	MV3	518997.61	4882023.86	2	0	0	97.3	97.3	1	914.34	3.25	0	70.22	0	-0.29	0	0	10.62	0	0	0	0	0	0	16.76	16.76
	INVERTER	MV17	519691.86	4882493.86	2	0	0	100.3	100.3	1	1305.77	3.25	0	73.32	0	-0.11	0	0	11.82	0	0	0	0	0	0	15.28	15.28
	INVERTER	MV15	519559	4882060.35	2	0	0	100.3	100.3	1	1328.86	3.25	0	73.47	0	-0.1	0	0	11.88	0	0	0	0	0	0	15.06	15.06
	INVERTER	MV11	519364.7	4882769.62	2	0	0	97.3	97.3	1	959.93	3.25	0	70.64	0	-0.27	0	0	10.78	0	0	0	0	0	0	16.16	16.16
	INVERTER	MV18	519724.65	4882303.86	2	0	0	100.3	100.3	1	1383.06	3.25	0	73.82	0	-0.08	0	0	12.03	0	0	0	0	0	0	14.55	14.55
	INVERTER	MV46	519569.31	4883250.26	2	0	0	97.3	97.3	1	1278.05	3.25	0	73.13	0	-0.12	0	0	11.75	0	0	0	0	0	0	12.56	12.56
	DSTATCOM UNIT	DSTAT	519479.25	4883282.56	2.5	0	0	96.6	96.6	1	1211.29	3.5	0	72.66	0	3.03	0	0	1.22	0	0	0	0	0	0	19.72	19.72
	SUBSTATION TRANSFORMER	TRS	519493.37	4883252.44	3.5	0	0	87.9	87.9	1	1210.29	4	0	72.66	0	-0.79	0	0	2.94	0	0	0	0	0	0	13.07	13.07
	INVERTER	MV19	519745.15	4882089.95	2	0	0	89.1	89.1	1	1480.39	3.25	0	74.41	0	0.79	0	0	7.17	0	0	0	0	0	0	6.69	6.69
	INVERTER	MV47	519833.32	4883254.23	2	0	0	89.1	89.1	1	1523.68	3.25	0	74.66	0	0.8	0	0	7.25	0	0	0	0	0	0	6.35	6.35
	LINE REACTOR	LR	519485	4883285	6.8	0	0	82	82	1	1217.51	5.65	0	72.71	0	-1.06	0	0	2.95	0	0	0	0	0	0	7.37	7.37
	INV TRANSFORMER	MV1T	518941.79	4882349.67	2	0	0	68.7	68.7	1	651.89	3.25	0	67.28	0	0.2	0	0	1.78	0	0	0	0	0	0	-0.59	-0.59
	INV TRANSFORMER	MV4T	519089.32	4882601.01	2	0	0	68.7	68.7	1	693.78	3.25	0	67.82	0	0.21	0	0	1.87	0	0	0	0	0	0	-1.23	-1.23
	INV TRANSFORMER	MV2T	518972.91	4882169.67	2	0	0	68.7	68.7	1	790.8	3.25	0	68.96	0	0.23	0	0	2.08	0	0	0	0	0	0	-2.6	-2.6
	INV TRANSFORMER	MV5T	519126.12	4882389.67	2	0	0	68.7	68.7	1	792.69	3.25	0	68.98	0	0.23	0	0	2.09	0	0	0	0	0	0	-2.62	-2.62
	INV TRANSFORMER	MV3T	518997.12	4882029.67	2	0	0	69.6	69.6	1	909.6	3.25	0	70.18	0	0.26	0	0	2.33	0	0	0	0	0	0	-3.19	-3.19
	INV TRANSFORMER	MV8T	519258.81	4882625.3	2	0	0	68.7	68.7	1	858.17	3.25	0	69.67	0	0.24	0	0	2.23	0	0	0	0	0	0	-3.47	-3.47
	INV TRANSFORMER	MV11T	519370.5	4882770.13	2	0	0	69.6	69.6	1	965.75	3.25	0	70.7	0	0.27	0	0	2.45	0	0	0	0	0	0	-3.84	-3.84
	INV TRANSFORMER	MV6T	519158.97	4882199.67	2	0	0	68.7	68.7	1	915.84	3.25	0	70.24	0	0.26	0	0	2.35	0	0	0	0	0	0	-4.16	-4.16
	INV TRANSFORMER	MV9T	519310.48	4882429.67	2	0	0	68.7	68.7	1	950.24	3.25	0	70.56	0	0.27	0	0	2.42	0	0	0	0	0	0	-4.56	-4.56
	INV TRANSFORMER	MV12T	519470.22	4882671.01	2	0	0	68.7	68.7	1	1065.39	3.25	0	71.55	0	0.3	0	0	2.65	0	0	0	0	0	0	-5.82	-5.82
	INV TRANSFORMER	MV7T	519193.49	4881999.67	2	0	0	68.7	68.7	1	1067.93	3.25	0	71.57	0	0.3	0	0	2.66	0	0	0	0	0	0	-5.85	-5.85
	INV TRANSFORMER	MV13T	519508.74	4882449.67	2	0	0	68.7	68.7	1	1135.64	3.25	0	72.1	0	0.31	0	0	2.79	0	0	0	0	0	0	-6.53	-6.53
	INV TRANSFORMER	MV46T	519569.03	4883256.08	2	0	0	69.6	69.6	1	1280.22	3.25	0	73.15	0	0.35	0	0	3.07	0	0	0	0	0	0	-6.99	-6.99
	INV TRANSFORMER	MV10T	519382.94	4882009.67	2	0	0	68.7	68.7	1	1208.48	3.25	0	72.64	0	0.33	0	0	2.93	0	0	0	0	0	0	-7.23	-7.23
	INV TRANSFORMER	MV16T	519639.98	4882695.3	2	0	0	68.7	68.7	1	1234.25	3.25	0	72.83	0	0.34	0	0	2.98	0	0	0	0	0	0	-7.47	-7.47
	INV TRANSFORMER	MV14T	519548.51	4882219.67	2	0	0	68.7	68.7	1	1247.67	3.25	0	72.92	0	0.34	0	0	3.01	0	0	0	0	0	0	-7.6	-7.6
	INV TRANSFORMER	MV17T	519691.37	4882499.67	2	0	0	68.7	68.7	1	1304.29	3.25	0	73.31	0	0.36	0	0	3.12	0	0	0	0	0	0	-8.11	-8.11
	INV TRANSFORMER	MV15T	519559.49	4882054.55	2	0	0	68.7	68.7	1	1332.18	3.25	0	73.49	0	0.37	0	0	3.17	0	0	0	0	0	0	-8.35	-8.35

	INV TRANSFORMER	MV18T	519724.16	4882309.67	2	0	0	68.7	68.7	1	1380.85	3.25	0	73.8	0	0.38	0	0	3.26	0	0	0	0	0	0	-8.77	-8.77
	INV TRANSFORMER	MV19T	519745.65	4882084.15	2	0	0	68.7	68.7	1	1483.32	3.25	0	74.42	0	0.41	0	0	3.45	0	0	0	0	0	0	-9.61	-9.61
	INV TRANSFORMER	MV47T	519833.6	4883248.41	2	0	0	68.7	68.7	1	1521.91	3.25	0	74.65	0	0.42	0	0	3.52	0	0	0	0	0	0	-9.91	-9.91
mit. Value D/N:	0	0																									
Level D/N:	32.1863	32.1863																									

Receiver: Existing Noise Receptor
ID: R44
X: 520403
Y: 4883908
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	INVERTER	MV20	520751.73	4883708.75	2	0	0	100.3	100.3	1	401.64	3.25	0	63.08	0	-0.62	0	0	7.64	0	0	0	0	0	0	30.21	30.21
	INVERTER	MV21	520786.65	4883506.75	2	0	0	100.3	100.3	1	555.15	3.25	0	65.89	0	-0.51	0	0	8.92	0	0	0	0	0	0	26.01	26.01
	INVERTER	MV22	520936.62	4883746.98	2	0	0	100.3	100.3	1	557.39	3.25	0	65.92	0	-0.51	0	0	8.94	0	0	0	0	0	0	25.96	25.96
	INVERTER	MV23	520969.51	4883556.75	2	0	0	100.3	100.3	1	666.57	3.25	0	67.48	0	-0.43	0	0	9.57	0	0	0	0	0	0	23.7	23.7
	INVERTER	MV38	520380.93	4884646.78	2	0	0	100.3	100.3	1	739.11	3.25	0	68.37	0	-0.39	0	0	9.92	0	0	0	0	0	0	22.41	22.41
	INVERTER	MV24	521002.3	4883366.75	2	0	0	100.3	100.3	1	807.54	3.25	0	69.14	0	-0.35	0	0	10.21	0	0	0	0	0	0	21.3	21.3
	INVERTER	MV27	521154.04	4883596.75	2	0	0	100.3	100.3	1	812.98	3.25	0	69.2	0	-0.34	0	0	10.23	0	0	0	0	0	0	21.22	21.22
	INVERTER	MV42	521026.63	4884437.16	2	0	0	100.3	100.3	1	817.88	3.25	0	69.25	0	-0.34	0	0	10.25	0	0	0	0	0	0	21.15	21.15
	INVERTER	MV39	520562.49	4884730.78	2	0	0	100.3	100.3	1	838.1	3.25	0	69.47	0	-0.33	0	0	10.33	0	0	0	0	0	0	20.84	20.84
	INVERTER	MV28	521190.35	4883386.75	2	0	0	100.3	100.3	1	944.25	3.25	0	70.5	0	-0.27	0	0	10.72	0	0	0	0	0	0	19.36	19.36
	INVERTER	MV37	520345.66	4884850.78	2	0	0	100.3	100.3	1	944.52	3.25	0	70.5	0	-0.27	0	0	10.72	0	0	0	0	0	0	19.36	19.36
	INVERTER	MV41	520981.28	4884667.9	2	0	0	100.3	100.3	1	954.91	3.25	0	70.6	0	-0.27	0	0	10.76	0	0	0	0	0	0	19.22	19.22
	INVERTER	MV25	521036.94	4883166.75	2	0	0	100.3	100.3	1	975.37	3.25	0	70.78	0	-0.26	0	0	10.83	0	0	0	0	0	0	18.96	18.96
	INVERTER	MV31	521375.47	4883526.75	2	0	0	100.3	100.3	1	1044.53	3.25	0	71.38	0	-0.22	0	0	11.06	0	0	0	0	0	0	18.1	18.1
	INVERTER	MV45	521201.3	4884593.26	2	0	0	100.3	100.3	1	1052.08	3.25	0	71.44	0	-0.22	0	0	11.08	0	0	0	0	0	0	18.01	18.01
	INVERTER	MV26	521131.56	4883726.75	2	0	0	97.3	97.3	1	750.77	3.25	0	68.51	0	-0.38	0	0	9.97	0	0	0	0	0	0	19.21	19.21
	INVERTER	MV29	521223.2	4883196.75	2	0	0	100.3	100.3	1	1085.63	3.25	0	71.71	0	-0.21	0	0	11.18	0	0	0	0	0	0	17.62	17.62
	INVERTER	MV44	521154.3	4884833.37	2	0	0	100.3	100.3	1	1191.96	3.25	0	72.53	0	-0.16	0	0	11.5	0	0	0	0	0	0	16.44	16.44
	INVERTER	MV33	521543.7	4883556.75	2	0	0	100.3	100.3	1	1193.56	3.25	0	72.54	0	-0.16	0	0	11.51	0	0	0	0	0	0	16.43	16.43
	INVERTER	MV36	521687.36	4883832.75	2	0	0	100.3	100.3	1	1286.57	3.25	0	73.19	0	-0.12	0	0	11.77	0	0	0	0	0	0	15.47	15.47
	INVERTER	MV35	521726.44	4883606.75	2	0	0	100.3	100.3	1	1357.29	3.25	0	73.65	0	-0.09	0	0	11.96	0	0	0	0	0	0	14.79	14.79
	INVERTER	MV30	521351.26	4883666.75	2	0	0	97.3	97.3	1	978.47	3.25	0	70.81	0	-0.26	0	0	10.84	0	0	0	0	0	0	15.92	15.92
	INVERTER	MV16	519639.48	4882701.1	2	0	0	100.3	100.3	1	1428.13	3.25	0	74.1	0	-0.06	0	0	12.14	0	0	0	0	0	0	14.13	14.13
	INVERTER	MV46	519569.31	4883250.26	2	0	0	97.3	97.3	1	1061.92	3.25	0	71.52	0	-0.22	0	0	11.11	0	0	0	0	0	0	14.9	14.9
	INVERTER	MV12	519470.71	4882665.21	2	0	0	100.3	100.3	1	1553.61	3.25	0	74.83	0	-0.01	0	0	12.46	0	0	0	0	0	0	13.04	13.04
	INVERTER	MV17	519691.86	4882493.86	2	0	0	100.3	100.3	1	1582.88	3.25	0	74.99	0	0	0	0	12.53	0	0	0	0	0	0	12.8	12.8
	INVERTER	MV32	521521.23	4883686.75	2	0	0	97.3	97.3	1	1139.91	3.25	0	72.14	0	-0.18	0	0	11.35	0	0	0	0	0	0	14.01	14.01
	DSTATCOM UNIT	DSTAT	519479.25	4883282.56	2.5	0	0	96.6	96.6	1	1115.57	3.5	0	71.95	0	2.99	0	0	1.15	0	0	0	0	0	0	20.54	20.54
	INVERTER	MV8	519258.31	4882631.1	2	0	0	100.3	100.3	1	1714.87	3.25	0	75.68	0	0.04	0	0	12.84	0	0	0	0	0	0	11.75	11.75
	INVERTER	MV13	519509.24	4882443.86	2	0	0	100.3	100.3	1	1715.37	3.25	0	75.69	0	0.04	0	0	12.84	0	0	0	0	0	0	11.75	11.75
	INVERTER	MV18	519724.65	4882303.86	2	0	0	100.3	100.3	1	1741.67	3.25	0	75.82	0	0.05	0	0	12.9	0	0	0	0	0	0	11.54	11.54
	INVERTER	MV9	519310.97	4882423.86	2	0	0	100.3	100.3	1	1842.6	3.25	0	76.31	0	0.08	0	0	13.12	0	0	0	0	0	0	10.8	10.8
	INVERTER	MV4	519089.82	4882595.21	2	0	0	100.3	100.3	1	1856.85	3.25	0	76.38	0	0.09	0	0	13.15	0	0	0	0	0	0	10.7	10.7
	INVERTER	MV14	519549.01	4882213.86	2	0	0	100.3	100.3	1	1897.21	3.25	0	76.56	0	0.1	0	0	13.24	0	0	0	0	0	0	10.41	10.41
	INVERTER	MV5	519126.62	4882383.86	2	0	0	100.3	100.3	1	1988	3.25	0	76.97	0	0.13	0	0	13.44	0	0	0	0	0	0	9.78	9.78
	INVERTER	MV40	520573.85	4884258.92	2	0	0	86.1	86.1	1	390.31	3.25	0	62.83	0	0.45	0	0	4.68	0	0	0	0	0	0	18.1	18.1
	INVERTER	MV11	519364.7	4882769.62	2	0	0	97.3	97.3	1	1540.78	3.25	0	74.75	0	-0.02	0	0	12.43	0	0	0	0	0	0	10.15	10.15
	INVERTER	MV47	519833.32	4883254.23	2	0	0	89.1	89.1	1	867.15	3.25	0	69.76	0	0.66	0	0	6.06	0	0	0	0	0	0	12.58	12.58
	SUBSTATION TRANSFORMER	TRS	519493.37	4883252.44	3.5	0	0	87.9	87.9	1	1121.24	4	0	71.99	0	-0.79	0	0	2.76	0	0	0	0	0	0	13.91	13.91
	INVERTER	MV19	519745.15	4882089.95	2	0	0	89.1	89.1	1	1933.41	3.25	0	76.73	0	0.89	0	0	7.94	0	0	0	0	0	0	3.5	3.5
	LINE REACTOR	LR	519485	4883285	6.8	0	0	82	82	1	1109.44	5.65	0	71.9	0	-1.05	0	0	2.74	0	0	0	0	0	0	8.39	8.39
	INV TRANSFORMER	MV40T	520573.54	4884264.74	2	0	0	69.6	69.6	1	395.41	3.25	0	62.94	0	0.21	0	0	1.18	0	0	0	0	0	0	5.25	5.25
	INV TRANSFORMER	MV20T	520751.23	4883714.56	2	0	0	68.7	68.7	1	398.36	3.25	0	63.01	0	0.21	0	0	1.18	0	0	0	0	0	0	4.28	4.28
	INV TRANSFORMER	MV21T	520786.16	4883512.56	2	0	0	68.7	68.7	1	550.63	3.25	0	65.82	0	0.19	0	0	1.55	0	0	0	0	0	0	1.12	1.12
	INV TRANSFORMER	MV22T	520936.13	4883752.78	2	0	0	68.7	68.7	1	555.27	3.25	0	65.89	0	0.19	0	0	1.56	0	0	0	0	0	0	1.04	1.04
	INV TRANSFORMER	MV23T	520969.02	4883562.56	2	0	0	68.7	68.7	1	663.11	3.25	0	67.43	0	0.2	0	0	1.8	0	0	0	0	0	0	-0.76	-0.76
	INV TRANSFORMER	MV26T	521131.06	4883732.56	2	0	0	69.6	69.6	1	748.91	3.25	0	68.49	0	0.22	0	0	1.99	0	0	0	0	0	0	-1.12	-1.12
	INV TRANSFORMER	MV38T	520380.43	4884652.58	2	0	0	68.7	68.7	1	744.93	3.25	0	68.44	0	0.22	0	0	1.98	0	0	0	0	0	0	-1.97	-1.97
	INV TRANSFORMER	MV24T	521001.8	4883372.56	2	0	0	68.7	68.7	1	803.29	3.25	0	69.1	0	0.23	0	0	2.11	0	0	0	0	0	0	-2.76	-2.76
	INV TRANSFORMER	MV27T	521153.54	4883602.56	2	0	0	68.7	68.7	1	810.32	3.25	0	69.17	0	0.23	0	0	2.13	0	0	0	0	0	0	-2.85	-2.85
	INV TRANSFORMER	MV42T	521027.26	4884431.37	2	0	0	68.7	68.7	1	814.63	3.25	0	69.22	0	0.23	0	0	2.13	0	0	0	0	0	0	-2.91	-2.91
	INV TRANSFORMER	MV39T	520562	4884736.58	2	0	0	68.7	68.7	1	843.7	3.25	0	69.52	0	0.24	0	0	2.2	0	0	0	0	0	0	-3.28	-3.28
	INV TRANSFORMER	MV47T	519833.6	4883248.41	2	0	0	68.7	68.7	1	871.37	3.25	0	69.8	0	0.25	0	0	2.25	0	0	0	0	0	0	-3.63	-3.63
	INV TRANSFORMER	MV30T	521350.76	4883672.56	2	0	0	69.6	69.6	1	976.57	3.25	0	70.79	0	0.27	0	0	2.47	0	0	0	0	0	0	-3.96	-3.96
	INV TRANSFORMER	MV28T	521189.85	4883392.56	2	0	0	68.7	68.7	1	940.65	3.25	0	70.47	0	0.26	0	0	2.4	0	0	0	0	0	0	-4.45	-4.45
	INV TRANSFORMER	MV37T	520345.16	4884856.58	2	0	0	68.7	68.7	1	950.35	3.25	0	70.56	0	0.27	0	0	2.42	0	0	0	0	0	0	-4.57	-4.57
	INV TRANSFORMER	MV41T	520981.91	4884662.11	2	0	0	68.7	68.7	1	950.69	3.25	0	70.56	0	0.27	0	0	2.42	0	0	0	0	0	0	-4.57	-4.57
	INV TRANSFORMER	MV46T	519569.03	4883256.08	2	0	0	69.6	69.6	1	1058.54	3.25	0	71.49	0	0.29	0	0	2.64	0	0	0	0	0	0	-4.85	-4.85

INV TRANSFORMER	MV25T	521036.45	4883172.56	2	0	0	68.7	68.7	1	970.64	3.25	0	70.74	0	0.27	0	0	2.46	0	0	0	0	0	0	-4.8	-4.8
INV TRANSFORMER	MV32T	521520.73	4883692.56	2	0	0	69.6	69.6	1	1138.31	3.25	0	72.13	0	0.31	0	0	2.8	0	0	0	0	0	0	-5.66	-5.66
INV TRANSFORMER	MV31T	521374.97	4883532.56	2	0	0	68.7	68.7	1	1041.96	3.25	0	71.36	0	0.29	0	0	2.6	0	0	0	0	0	0	-5.58	-5.58
INV TRANSFORMER	MV45T	521200.69	4884599.06	2	0	0	68.7	68.7	1	1055.4	3.25	0	71.47	0	0.29	0	0	2.63	0	0	0	0	0	0	-5.72	-5.72
INV TRANSFORMER	MV29T	521222.7	4883202.56	2	0	0	68.7	68.7	1	1081.46	3.25	0	71.68	0	0.3	0	0	2.68	0	0	0	0	0	0	-5.99	-5.99
INV TRANSFORMER	MV33T	521543.21	4883562.56	2	0	0	68.7	68.7	1	1191.39	3.25	0	72.52	0	0.33	0	0	2.9	0	0	0	0	0	0	-7.07	-7.07
INV TRANSFORMER	MV44T	521153.69	4884839.17	2	0	0	68.7	68.7	1	1196.08	3.25	0	72.56	0	0.33	0	0	2.91	0	0	0	0	0	0	-7.12	-7.12
INV TRANSFORMER	MV36T	521686.86	4883838.56	2	0	0	68.7	68.7	1	1285.74	3.25	0	73.18	0	0.35	0	0	3.08	0	0	0	0	0	0	-7.94	-7.94
INV TRANSFORMER	MV35T	521725.94	4883612.56	2	0	0	68.7	68.7	1	1355.53	3.25	0	73.64	0	0.37	0	0	3.21	0	0	0	0	0	0	-8.55	-8.55
INV TRANSFORMER	MV11T	519370.5	4882770.13	2	0	0	69.6	69.6	1	1536.49	3.25	0	74.73	0	0.42	0	0	3.55	0	0	0	0	0	0	-9.12	-9.12
INV TRANSFORMER	MV16T	519639.98	4882695.3	2	0	0	68.7	68.7	1	1432.78	3.25	0	74.12	0	0.39	0	0	3.36	0	0	0	0	0	0	-9.2	-9.2
INV TRANSFORMER	MV12T	519470.22	4882671.01	2	0	0	68.7	68.7	1	1549.27	3.25	0	74.8	0	0.42	0	0	3.57	0	0	0	0	0	0	-10.12	-10.12
INV TRANSFORMER	MV17T	519691.37	4882499.67	2	0	0	68.7	68.7	1	1577.92	3.25	0	74.96	0	0.43	0	0	3.63	0	0	0	0	0	0	-10.34	-10.34
INV TRANSFORMER	MV13T	519508.74	4882449.67	2	0	0	68.7	68.7	1	1710.68	3.25	0	75.66	0	0.47	0	0	3.86	0	0	0	0	0	0	-11.32	-11.32
INV TRANSFORMER	MV8T	519258.81	4882625.3	2	0	0	68.7	68.7	1	1718.87	3.25	0	75.7	0	0.47	0	0	3.88	0	0	0	0	0	0	-11.38	-11.38
INV TRANSFORMER	MV18T	519724.16	4882309.67	2	0	0	68.7	68.7	1	1736.52	3.25	0	75.79	0	0.47	0	0	3.91	0	0	0	0	0	0	-11.5	-11.5
INV TRANSFORMER	MV9T	519310.48	4882429.67	2	0	0	68.7	68.7	1	1838.23	3.25	0	76.29	0	0.5	0	0	4.09	0	0	0	0	0	0	-12.2	-12.2
INV TRANSFORMER	MV4T	519089.32	4882601.01	2	0	0	68.7	68.7	1	1853.1	3.25	0	76.36	0	0.5	0	0	4.11	0	0	0	0	0	0	-12.3	-12.3
INV TRANSFORMER	MV14T	519548.51	4882219.67	2	0	0	68.7	68.7	1	1892.25	3.25	0	76.54	0	0.51	0	0	4.18	0	0	0	0	0	0	-12.56	-12.56
INV TRANSFORMER	MV19T	519745.65	4882084.15	2	0	0	68.7	68.7	1	1938.7	3.25	0	76.75	0	0.53	0	0	4.26	0	0	0	0	0	0	-12.86	-12.86
INV TRANSFORMER	MV5T	519126.12	4882389.67	2	0	0	68.7	68.7	1	1983.88	3.25	0	76.95	0	0.54	0	0	4.34	0	0	0	0	0	0	-13.15	-13.15

mit. Value D/N: 0 0

Level D/N: 36.0596 36.0596

Receiver: Existing Noise Receptor
ID: R45
X: 520787
Y: 4884216
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	INVERTER	MV42	521026.63	4884437.16	2	0	0	100.3	100.3	1	326.1	3.25	0	61.27	0	-0.65	0	0	6.75	0	0	0	0	0	0	32.94	32.94
	INVERTER	MV41	520981.28	4884667.9	2	0	0	100.3	100.3	1	491.9	3.25	0	64.84	0	-0.56	0	0	8.46	0	0	0	0	0	0	27.57	27.57
	INVERTER	MV22	520936.62	4883746.98	2	0	0	100.3	100.3	1	492.32	3.25	0	64.84	0	-0.56	0	0	8.46	0	0	0	0	0	0	27.56	27.56
	INVERTER	MV20	520751.73	4883708.75	2	0	0	100.3	100.3	1	508.48	3.25	0	65.13	0	-0.54	0	0	8.59	0	0	0	0	0	0	27.14	27.14
	INVERTER	MV45	521201.3	4884593.26	2	0	0	100.3	100.3	1	560.33	3.25	0	65.97	0	-0.51	0	0	8.96	0	0	0	0	0	0	25.89	25.89
	INVERTER	MV39	520562.49	4884730.78	2	0	0	100.3	100.3	1	561.61	3.25	0	65.99	0	-0.51	0	0	8.96	0	0	0	0	0	0	25.87	25.87
	INVERTER	MV38	520380.93	4884646.78	2	0	0	100.3	100.3	1	592	3.25	0	66.45	0	-0.48	0	0	9.16	0	0	0	0	0	0	25.19	25.19
	INVERTER	MV23	520969.51	4883556.75	2	0	0	100.3	100.3	1	684.05	3.25	0	67.7	0	-0.42	0	0	9.66	0	0	0	0	0	0	23.37	23.37
	INVERTER	MV21	520786.65	4883506.75	2	0	0	100.3	100.3	1	709.25	3.25	0	68.02	0	-0.41	0	0	9.78	0	0	0	0	0	0	22.92	22.92
	INVERTER	MV44	521154.3	4884833.37	2	0	0	100.3	100.3	1	718.38	3.25	0	68.13	0	-0.4	0	0	9.82	0	0	0	0	0	0	22.76	22.76
	INVERTER	MV27	521154.04	4883596.75	2	0	0	100.3	100.3	1	719.85	3.25	0	68.14	0	-0.4	0	0	9.83	0	0	0	0	0	0	22.73	22.73
	INVERTER	MV37	520345.66	4884850.78	2	0	0	100.3	100.3	1	773.13	3.25	0	68.77	0	-0.37	0	0	10.07	0	0	0	0	0	0	21.85	21.85
	INVERTER	MV26	521131.56	4883726.75	2	0	0	97.3	97.3	1	598.4	3.25	0	66.54	0	-0.48	0	0	9.19	0	0	0	0	0	0	22.06	22.06
	INVERTER	MV24	521002.3	4883366.75	2	0	0	100.3	100.3	1	876.12	3.25	0	69.85	0	-0.31	0	0	10.48	0	0	0	0	0	0	20.29	20.29
	INVERTER	MV31	521375.47	4883526.75	2	0	0	100.3	100.3	1	906.29	3.25	0	70.15	0	-0.29	0	0	10.59	0	0	0	0	0	0	19.87	19.87
	INVERTER	MV28	521190.35	4883386.75	2	0	0	100.3	100.3	1	922.14	3.25	0	70.3	0	-0.29	0	0	10.64	0	0	0	0	0	0	19.66	19.66
	INVERTER	MV36	521687.36	4883832.75	2	0	0	100.3	100.3	1	978.54	3.25	0	70.81	0	-0.26	0	0	10.84	0	0	0	0	0	0	18.92	18.92
	INVERTER	MV33	521543.7	4883556.75	2	0	0	100.3	100.3	1	1003.6	3.25	0	71.03	0	-0.24	0	0	10.92	0	0	0	0	0	0	18.6	18.6
	INVERTER	MV25	521036.94	4883166.75	2	0	0	100.3	100.3	1	1078.61	3.25	0	71.66	0	-0.21	0	0	11.16	0	0	0	0	0	0	17.7	17.7
	INVERTER	MV29	521223.2	4883196.75	2	0	0	100.3	100.3	1	1108.66	3.25	0	71.9	0	-0.19	0	0	11.26	0	0	0	0	0	0	17.36	17.36
	INVERTER	MV30	521351.26	4883666.75	2	0	0	97.3	97.3	1	787.44	3.25	0	68.92	0	-0.36	0	0	10.13	0	0	0	0	0	0	18.62	18.62
	INVERTER	MV35	521726.44	4883606.75	2	0	0	100.3	100.3	1	1119.7	3.25	0	71.98	0	-0.19	0	0	11.29	0	0	0	0	0	0	17.23	17.23
	INVERTER	MV40	520573.85	4884258.92	2	0	0	86.1	86.1	1	217.44	3.25	0	57.75	0	0.33	0	0	3.41	0	0	0	0	0	0	24.57	24.57
	INVERTER	MV32	521521.23	4883686.75	2	0	0	97.3	97.3	1	905.1	3.25	0	70.13	0	-0.29	0	0	10.58	0	0	0	0	0	0	16.89	16.89
	INVERTER	MV16	519639.48	4882701.1	2	0	0	100.3	100.3	1	1900.45	3.25	0	76.58	0	0.1	0	0	13.25	0	0	0	0	0	0	10.39	10.39
	INVERTER	MV46	519569.31	4883250.26	2	0	0	97.3	97.3	1	1554.17	3.25	0	74.83	0	-0.01	0	0	12.46	0	0	0	0	0	0	10.04	10.04
	DSTATCOM UNIT	DSTAT	519479.25	4883282.56	2.5	0	0	96.6	96.6	1	1606.71	3.5	0	75.12	0	3.14	0	0	1.47	0	0	0	0	0	0	16.9	16.9
	INVERTER	MV47	519833.32	4883254.23	2	0	0	89.1	89.1	1	1354.44	3.25	0	73.64	0	0.76	0	0	6.96	0	0	0	0	0	0	7.71	7.71
	SUBSTATION TRANSFORMER	TRS	519493.37	4883252.44	3.5	0	0	87.9	87.9	1	1613.05	4	0	75.15	0	-0.74	0	0	3.69	0	0	0	0	0	0	9.77	9.77
	INV TRANSFORMER	MV40T	520573.54	4884264.74	2	0	0	69.6	69.6	1	218.97	3.25	0	57.81	0	0.44	0	0	0.71	0	0	0	0	0	0	10.62	10.62
	INV TRANSFORMER	MV42T	521027.26	4884431.37	2	0	0	68.7	68.7	1	322.67	3.25	0	61.18	0	0.26	0	0	0.99	0	0	0	0	0	0	6.25	6.25
	LINE REACTOR	LR	519485	4883285	6.8	0	0	82	82	1	1600.62	5.65	0	75.09	0	-1.06	0	0	3.67	0	0	0	0	0	0	4.29	4.29
	INV TRANSFORMER	MV22T	520936.13	4883752.78	2	0	0	68.7	68.7	1	486.64	3.25	0	64.74	0	0.19	0	0	1.4	0	0	0	0	0	0	2.35	2.35
	INV TRANSFORMER	MV41T	520981.91	4884662.11	2	0	0	68.7	68.7	1	486.83	3.25	0	64.75	0	0.19	0	0	1.4	0	0	0	0	0	0	2.34	2.34
	INV TRANSFORMER	MV20T	520751.23	4883714.56	2	0	0	68.7	68.7	1	502.72	3.25	0	65.03	0	0.19	0	0	1.44	0	0	0	0	0	0	2.03	2.03
	INV TRANSFORMER	MV26T	521131.06	4883732.56	2	0	0	69.6	69.6	1	593.38	3.25	0	66.47	0	0.19	0	0	1.65	0	0	0	0	0	0	1.27	1.27
	INV TRANSFORMER	MV45T	521200.69	4884599.06	2	0	0	68.7	68.7	1	563.8	3.25	0	66.02	0	0.19	0	0	1.58	0	0	0	0	0	0	0.89	0.89
	INV TRANSFORMER	MV39T	520562	4884736.58	2	0	0	68.7	68.7	1	567.13	3.25	0	66.07	0	0.19	0	0	1.59	0	0	0	0	0	0	0.83	0.83
	INV TRANSFORMER	MV38T	520380.43	4884652.58	2	0	0	68.7	68.7	1	596.58	3.25	0	66.51	0	0.19	0	0	1.65	0	0	0	0	0	0	0.32	0.32
	INV TRANSFORMER	MV23T	520969.02	4883562.56	2	0	0	68.7	68.7	1	678.32	3.25	0	67.63	0	0.2	0	0	1.84	0	0	0	0	0	0	-0.99	-0.99

INV TRANSFORMER	MV21T	520786.16	4883512.56	2	0	0	68.7	68.7	1	703.45	3.25	0	67.94	0	0.21	0	0	1.89	0	0	0	0	0	0	-1.37	-1.37
INV TRANSFORMER	MV30T	521350.76	4883672.56	2	0	0	69.6	69.6	1	783.05	3.25	0	68.88	0	0.23	0	0	2.07	0	0	0	0	0	0	-1.59	-1.59
INV TRANSFORMER	MV27T	521153.54	4883602.56	2	0	0	68.7	68.7	1	714.61	3.25	0	68.08	0	0.21	0	0	1.92	0	0	0	0	0	0	-1.53	-1.53
INV TRANSFORMER	MV44T	521153.69	4884839.17	2	0	0	68.7	68.7	1	723.05	3.25	0	68.18	0	0.21	0	0	1.94	0	0	0	0	0	0	-1.66	-1.66
INV TRANSFORMER	MV37T	520345.16	4884856.58	2	0	0	68.7	68.7	1	778.19	3.25	0	68.82	0	0.22	0	0	2.06	0	0	0	0	0	0	-2.43	-2.43
INV TRANSFORMER	MV32T	521520.73	4883692.56	2	0	0	69.6	69.6	1	901.31	3.25	0	70.1	0	0.25	0	0	2.32	0	0	0	0	0	0	-3.09	-3.09
INV TRANSFORMER	MV24T	521001.8	4883372.56	2	0	0	68.7	68.7	1	870.37	3.25	0	69.79	0	0.25	0	0	2.25	0	0	0	0	0	0	-3.62	-3.62
INV TRANSFORMER	MV31T	521374.97	4883532.56	2	0	0	68.7	68.7	1	901.56	3.25	0	70.1	0	0.25	0	0	2.32	0	0	0	0	0	0	-4	-4
INV TRANSFORMER	MV28T	521189.85	4883392.56	2	0	0	68.7	68.7	1	916.71	3.25	0	70.24	0	0.26	0	0	2.35	0	0	0	0	0	0	-4.18	-4.18
INV TRANSFORMER	MV36T	521686.86	4883838.56	2	0	0	68.7	68.7	1	975.82	3.25	0	70.79	0	0.27	0	0	2.47	0	0	0	0	0	0	-4.85	-4.85
INV TRANSFORMER	MV33T	521543.21	4883562.56	2	0	0	68.7	68.7	1	999.42	3.25	0	70.99	0	0.28	0	0	2.52	0	0	0	0	0	0	-5.12	-5.12
INV TRANSFORMER	MV25T	521036.45	4883172.56	2	0	0	68.7	68.7	1	1072.85	3.25	0	71.61	0	0.3	0	0	2.67	0	0	0	0	0	0	-5.9	-5.9
INV TRANSFORMER	MV29T	521222.7	4883202.56	2	0	0	68.7	68.7	1	1103.13	3.25	0	71.85	0	0.31	0	0	2.73	0	0	0	0	0	0	-6.21	-6.21
INV TRANSFORMER	MV35T	521725.94	4883612.56	2	0	0	68.7	68.7	1	1116.14	3.25	0	71.95	0	0.31	0	0	2.75	0	0	0	0	0	0	-6.34	-6.34
INV TRANSFORMER	MV47T	519833.6	4883248.41	2	0	0	68.7	68.7	1	1358.38	3.25	0	73.66	0	0.37	0	0	3.22	0	0	0	0	0	0	-8.58	-8.58
INV TRANSFORMER	MV46T	519569.03	4883256.08	2	0	0	69.6	69.6	1	1550.78	3.25	0	74.81	0	0.42	0	0	3.58	0	0	0	0	0	0	-9.23	-9.23
INV TRANSFORMER	MV16T	519639.98	4882695.3	2	0	0	68.7	68.7	1	1904.78	3.25	0	76.6	0	0.52	0	0	4.2	0	0	0	0	0	0	-12.64	-12.64
mit. Value D/N:	0																								
Level D/N:	38.4376																								

Receiver:	Existing Noise Receptor
ID:	R46
X:	521493
Y:	4884328
Z:	4.5
Ground:	0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	INVERTER	MV45	521201.3	4884593.26	2	0	0	100.3	100.3	1	394.29	3.25	0	62.92	0	-0.62	0	0	7.56	0	0	0	0	0	0	30.46	30.46
	INVERTER	MV42	521026.63	4884437.16	2	0	0	100.3	100.3	1	478.98	3.25	0	64.61	0	-0.57	0	0	8.36	0	0	0	0	0	0	27.91	27.91
	INVERTER	MV36	521687.36	4883832.75	2	0	0	100.3	100.3	1	532.03	3.25	0	65.52	0	-0.53	0	0	8.76	0	0	0	0	0	0	26.56	26.56
	INVERTER	MV44	521154.3	4884833.37	2	0	0	100.3	100.3	1	608.38	3.25	0	66.68	0	-0.47	0	0	9.25	0	0	0	0	0	0	24.85	24.85
	INVERTER	MV41	520981.28	4884667.9	2	0	0	100.3	100.3	1	614.33	3.25	0	66.77	0	-0.47	0	0	9.29	0	0	0	0	0	0	24.73	24.73
	INVERTER	MV35	521726.44	4883606.75	2	0	0	100.3	100.3	1	758.09	3.25	0	68.59	0	-0.38	0	0	10	0	0	0	0	0	0	22.09	22.09
	INVERTER	MV33	521543.7	4883556.75	2	0	0	100.3	100.3	1	772.92	3.25	0	68.76	0	-0.37	0	0	10.07	0	0	0	0	0	0	21.85	21.85
	INVERTER	MV22	520936.62	4883746.98	2	0	0	100.3	100.3	1	804.46	3.25	0	69.11	0	-0.35	0	0	10.2	0	0	0	0	0	0	21.35	21.35
	INVERTER	MV27	521154.04	4883596.75	2	0	0	100.3	100.3	1	805.99	3.25	0	69.13	0	-0.35	0	0	10.2	0	0	0	0	0	0	21.33	21.33
	INVERTER	MV31	521375.47	4883526.75	2	0	0	100.3	100.3	1	809.82	3.25	0	69.17	0	-0.35	0	0	10.22	0	0	0	0	0	0	21.27	21.27
	INVERTER	MV32	521521.23	4883686.75	2	0	0	97.3	97.3	1	641.87	3.25	0	67.15	0	-0.45	0	0	9.44	0	0	0	0	0	0	21.17	21.17
	INVERTER	MV23	520969.51	4883556.75	2	0	0	100.3	100.3	1	932.13	3.25	0	70.39	0	-0.28	0	0	10.68	0	0	0	0	0	0	19.52	19.52
	INVERTER	MV30	521351.26	4883666.75	2	0	0	97.3	97.3	1	676.27	3.25	0	67.6	0	-0.43	0	0	9.62	0	0	0	0	0	0	20.52	20.52
	INVERTER	MV20	520751.73	4883708.75	2	0	0	100.3	100.3	1	965.9	3.25	0	70.7	0	-0.26	0	0	10.8	0	0	0	0	0	0	19.08	19.08
	INVERTER	MV28	521190.35	4883386.75	2	0	0	100.3	100.3	1	988.71	3.25	0	70.9	0	-0.25	0	0	10.87	0	0	0	0	0	0	18.79	18.79
	INVERTER	MV26	521131.56	4883726.75	2	0	0	97.3	97.3	1	701.53	3.25	0	67.92	0	-0.41	0	0	9.74	0	0	0	0	0	0	20.06	20.06
	INVERTER	MV39	520562.49	4884730.78	2	0	0	100.3	100.3	1	1013.94	3.25	0	71.12	0	-0.24	0	0	10.96	0	0	0	0	0	0	18.47	18.47
	INVERTER	MV24	521002.3	4883366.75	2	0	0	100.3	100.3	1	1079.25	3.25	0	71.66	0	-0.21	0	0	11.16	0	0	0	0	0	0	17.69	17.69
	INVERTER	MV21	520786.65	4883506.75	2	0	0	100.3	100.3	1	1083.22	3.25	0	71.69	0	-0.21	0	0	11.18	0	0	0	0	0	0	17.65	17.65
	INVERTER	MV38	520380.93	4884646.78	2	0	0	100.3	100.3	1	1156.86	3.25	0	72.27	0	-0.17	0	0	11.4	0	0	0	0	0	0	16.82	16.82
	INVERTER	MV29	521223.2	4883196.75	2	0	0	100.3	100.3	1	1162.98	3.25	0	72.31	0	-0.17	0	0	11.42	0	0	0	0	0	0	16.75	16.75
	INVERTER	MV25	521036.94	4883166.75	2	0	0	100.3	100.3	1	1247.59	3.25	0	72.92	0	-0.13	0	0	11.66	0	0	0	0	0	0	15.86	15.86
	INVERTER	MV37	520345.66	4884850.78	2	0	0	100.3	100.3	1	1260.83	3.25	0	73.01	0	-0.13	0	0	11.7	0	0	0	0	0	0	15.73	15.73
	INVERTER	MV40	520573.85	4884258.92	2	0	0	86.1	86.1	1	921.75	3.25	0	70.29	0	0.67	0	0	6.17	0	0	0	0	0	0	8.93	8.93
	INVERTER	MV47	519833.32	4883254.23	2	0	0	89.1	89.1	1	1976.74	3.25	0	76.92	0	0.9	0	0	8.01	0	0	0	0	0	0	3.23	3.23
	INV TRANSFORMER	MV45T	521200.69	4884599.06	2	0	0	68.7	68.7	1	398.65	3.25	0	63.01	0	0.21	0	0	1.18	0	0	0	0	0	0	4.27	4.27
	INV TRANSFORMER	MV42T	521027.26	4884431.37	2	0	0	68.7	68.7	1	477.08	3.25	0	64.57	0	0.19	0	0	1.38	0	0	0	0	0	0	2.54	2.54
	INV TRANSFORMER	MV36T	521686.86	4883838.56	2	0	0	68.7	68.7	1	526.44	3.25	0	65.43	0	0.19	0	0	1.49	0	0	0	0	0	0	1.57	1.57
	INV TRANSFORMER	MV32T	521520.73	4883692.56	2	0	0	69.6	69.6	1	636.05	3.25	0	67.07	0	0.2	0	0	1.74	0	0	0	0	0	0	0.57	0.57
	INV TRANSFORMER	MV30T	521350.76	4883672.56	2	0	0	69.6	69.6	1	670.7	3.25	0	67.53	0	0.2	0	0	1.82	0	0	0	0	0	0	0.02	0.02
	INV TRANSFORMER	MV41T	520981.91	4884662.11	2	0	0	68.7	68.7	1	610.61	3.25	0	66.72	0	0.19	0	0	1.69	0	0	0	0	0	0	0.08	0.08
	INV TRANSFORMER	MV44T	521153.69	4884839.17	2	0	0	68.7	68.7	1	613.54	3.25	0	66.76	0	0.19	0	0	1.69	0	0	0	0	0	0	0.03	0.03
	INV TRANSFORMER	MV26T	521131.06	4883732.56	2	0	0	69.6	69.6	1	696.82	3.25	0	67.86	0	0.21	0	0	1.88	0	0	0	0	0	0	-0.37	-0.37
	INV TRANSFORMER	MV35T	521725.94	4883612.56	2	0	0	68.7	68.7	1	752.41	3.25	0	68.53	0	0.22	0	0	2	0	0	0	0	0	0	-2.07	-2.07
	INV TRANSFORMER	MV33T	521543.21	4883562.56	2	0	0	68.7	68.7	1	767.09	3.25	0	68.7	0	0.22	0	0	2.03	0	0	0	0	0	0	-2.27	-2.27
	INV TRANSFORMER	MV22T	520936.13	4883752.78	2	0	0	68.7	68.7	1	800.62	3.25	0	69.07	0	0.23	0	0	2.1	0	0	0	0	0	0	-2.73	-2.73
	INV TRANSFORMER	MV27T	521153.54	4883602.56	2	0	0	68.7	68.7	1	800.94	3.25	0	69.07	0	0.23	0	0	2.11	0	0	0	0	0	0	-2.73	-2.73
	INV TRANSFORMER	MV31T	521374.97	4883532.56	2	0	0	68.7	68.7	1	804.15	3.25	0	69.11	0	0.23	0	0	2.11	0	0	0	0	0	0	-2.77	-2.77
	INV TRANSFORMER	MV40T	520573.54	4884264.74	2	0	0	69.6	69.6	1	921.64	3.25	0	70.29	0	0.26	0	0	2.36	0	0	0	0	0	0	-3.33	-3.33
	INV TRANSFORMER	MV23T	520969.02	4883562.56	2	0	0	68.7	68.7	1	927.61	3.25	0	70.35	0	0.26	0	0	2.37	0	0	0	0	0	0	-4.3	-4.3
	INV TRANSFORMER	MV20T	520751.23	4883714.56	2	0	0	68.7	68.7	1	962.57	3.25	0	70.67	0	0.27	0	0	2.44	0	0	0	0	0	0	-4.71	-4.71
	INV TRANSFORMER	MV28T	521189.85	4883392.56	2	0	0	68.7	68.7	1	983.34	3.25	0	70.85	0	0.27	0	0	2.49	0	0	0	0	0	0	-4.94	-4.94
	INV TRANSFORMER	MV39T	520562	4884736.58	2	0	0	68.7	68.7	1	1016.72	3.25	0	71.14	0	0.28	0	0	2.55	0	0	0	0	0	0	-5.3	-5.3
	INV TRANSFORMER	MV24T	521001.8	4883372.56	2	0	0	68.7	68.7	1	1074.31	3.25	0	71.62	0	0.3	0	0	2.67	0	0	0	0	0	0	-5.91	-5.91

INV TRANSFORMER	MV21T	520786.16	4883512.56	2	0	0	68.7	68.7	1	1079.16	3.25	0	71.66	0	0.3	0	0	2.68	0	0	0	0	0	0	-5.96	-5.96
INV TRANSFORMER	MV29T	521222.7	4883202.56	2	0	0	68.7	68.7	1	1157.45	3.25	0	72.27	0	0.32	0	0	2.83	0	0	0	0	0	0	-6.75	-6.75
INV TRANSFORMER	MV38T	520380.43	4884652.58	2	0	0	68.7	68.7	1	1158.95	3.25	0	72.28	0	0.32	0	0	2.84	0	0	0	0	0	0	-6.76	-6.76
INV TRANSFORMER	MV25T	521036.45	4883172.56	2	0	0	68.7	68.7	1	1242.37	3.25	0	72.89	0	0.34	0	0	3	0	0	0	0	0	0	-7.55	-7.55
INV TRANSFORMER	MV37T	520345.16	4884856.58	2	0	0	68.7	68.7	1	1263.7	3.25	0	73.03	0	0.35	0	0	3.04	0	0	0	0	0	0	-7.74	-7.74
INV TRANSFORMER	MV47T	519833.6	4883248.41	2	0	0	68.7	68.7	1	1979.68	3.25	0	76.93	0	0.54	0	0	4.33	0	0	0	0	0	0	-13.13	-13.13
mit. Value D/N:	0	0																								
Level D/N:	36.5151	36.5151																								

Receiver: Existing Noise Receptor
ID: R47
X: 520935
Y: 4882063
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	INVERTER	MV25	521036.94	4883166.75	2	0	0	100.3	100.3	1	1108.45	3.25	0	71.89	0	-0.19	0	0	11.25	0	0	0	0	0	0	17.36	17.36
	INVERTER	MV29	521223.2	4883196.75	2	0	0	100.3	100.3	1	1169.81	3.25	0	72.36	0	-0.17	0	0	11.44	0	0	0	0	0	0	16.68	16.68
	INVERTER	MV18	519724.65	4882303.86	2	0	0	100.3	100.3	1	1234.08	3.25	0	72.83	0	-0.14	0	0	11.62	0	0	0	0	0	0	16	16
	INVERTER	MV24	521002.3	4883366.75	2	0	0	100.3	100.3	1	1305.49	3.25	0	73.32	0	-0.11	0	0	11.82	0	0	0	0	0	0	15.29	15.29
	INVERTER	MV17	519691.86	4882493.86	2	0	0	100.3	100.3	1	1315.69	3.25	0	73.38	0	-0.11	0	0	11.85	0	0	0	0	0	0	15.19	15.19
	INVERTER	MV28	521190.35	4883386.75	2	0	0	100.3	100.3	1	1348.16	3.25	0	73.59	0	-0.09	0	0	11.93	0	0	0	0	0	0	14.87	14.87
	INVERTER	MV15	519559	4882060.35	2	0	0	100.3	100.3	1	1376.01	3.25	0	73.77	0	-0.08	0	0	12.01	0	0	0	0	0	0	14.61	14.61
	INVERTER	MV14	519549.01	4882213.86	2	0	0	100.3	100.3	1	1394.18	3.25	0	73.89	0	-0.07	0	0	12.06	0	0	0	0	0	0	14.44	14.44
	INVERTER	MV16	519639.48	4882701.1	2	0	0	100.3	100.3	1	1444.14	3.25	0	74.19	0	-0.05	0	0	12.18	0	0	0	0	0	0	13.99	13.99
	INVERTER	MV21	520786.65	4883506.75	2	0	0	100.3	100.3	1	1451.36	3.25	0	74.24	0	-0.05	0	0	12.2	0	0	0	0	0	0	13.93	13.93
	INVERTER	MV13	519509.24	4882443.86	2	0	0	100.3	100.3	1	1475.76	3.25	0	74.38	0	-0.04	0	0	12.26	0	0	0	0	0	0	13.71	13.71
	INVERTER	MV23	520969.51	4883556.75	2	0	0	100.3	100.3	1	1494.15	3.25	0	74.49	0	-0.04	0	0	12.31	0	0	0	0	0	0	13.55	13.55
	INVERTER	MV31	521375.47	4883526.75	2	0	0	100.3	100.3	1	1528.59	3.25	0	74.69	0	-0.02	0	0	12.4	0	0	0	0	0	0	13.25	13.25
	INVERTER	MV27	521154.04	4883596.75	2	0	0	100.3	100.3	1	1549.32	3.25	0	74.8	0	-0.02	0	0	12.45	0	0	0	0	0	0	13.08	13.08
	INVERTER	MV10	519383.44	4882003.86	2	0	0	100.3	100.3	1	1552.69	3.25	0	74.82	0	-0.01	0	0	12.45	0	0	0	0	0	0	13.05	13.05
	INVERTER	MV12	519470.71	4882665.21	2	0	0	100.3	100.3	1	1583.28	3.25	0	74.99	0	0	0	0	12.53	0	0	0	0	0	0	12.8	12.8
	INVERTER	MV33	521543.7	4883556.75	2	0	0	100.3	100.3	1	1613.02	3.25	0	75.15	0	0.01	0	0	12.6	0	0	0	0	0	0	12.55	12.55
	INVERTER	MV20	520751.73	4883708.75	2	0	0	100.3	100.3	1	1655.93	3.25	0	75.38	0	0.02	0	0	12.7	0	0	0	0	0	0	12.21	12.21
	INVERTER	MV9	519310.97	4882423.86	2	0	0	100.3	100.3	1	1663.64	3.25	0	75.42	0	0.02	0	0	12.72	0	0	0	0	0	0	12.15	12.15
	INVERTER	MV22	520936.62	4883746.98	2	0	0	100.3	100.3	1	1683.98	3.25	0	75.53	0	0.03	0	0	12.77	0	0	0	0	0	0	11.99	11.99
	INVERTER	MV35	521726.44	4883606.75	2	0	0	100.3	100.3	1	1734.81	3.25	0	75.79	0	0.05	0	0	12.88	0	0	0	0	0	0	11.6	11.6
	INVERTER	MV7	519193.98	4881993.86	2	0	0	100.3	100.3	1	1742.39	3.25	0	75.82	0	0.05	0	0	12.9	0	0	0	0	0	0	11.54	11.54
	INVERTER	MV8	519258.31	4882631.1	2	0	0	100.3	100.3	1	1770.32	3.25	0	75.96	0	0.06	0	0	12.96	0	0	0	0	0	0	11.33	11.33
	INVERTER	MV6	519159.47	4882193.86	2	0	0	100.3	100.3	1	1780.35	3.25	0	76.01	0	0.06	0	0	12.98	0	0	0	0	0	0	11.25	11.25
	INVERTER	MV5	519126.62	4882383.86	2	0	0	100.3	100.3	1	1836.63	3.25	0	76.28	0	0.08	0	0	13.11	0	0	0	0	0	0	10.84	10.84
	INVERTER	MV4	519089.82	4882595.21	2	0	0	100.3	100.3	1	1920.4	3.25	0	76.67	0	0.11	0	0	13.29	0	0	0	0	0	0	10.25	10.25
	INVERTER	MV36	521687.36	4883832.75	2	0	0	100.3	100.3	1	1923.04	3.25	0	76.68	0	0.11	0	0	13.3	0	0	0	0	0	0	10.23	10.23
	INVERTER	MV2	518973.41	4882163.86	2	0	0	100.3	100.3	1	1964.19	3.25	0	76.86	0	0.12	0	0	13.39	0	0	0	0	0	0	9.94	9.94
	INVERTER	MV30	521351.26	4883666.75	2	0	0	97.3	97.3	1	1656.9	3.25	0	75.39	0	0.02	0	0	12.7	0	0	0	0	0	0	9.2	9.2
	INVERTER	MV26	521131.56	4883726.75	2	0	0	97.3	97.3	1	1675.33	3.25	0	75.48	0	0.03	0	0	12.75	0	0	0	0	0	0	9.06	9.06
	INVERTER	MV11	519364.7	4882769.62	2	0	0	97.3	97.3	1	1721.97	3.25	0	75.72	0	0.04	0	0	12.85	0	0	0	0	0	0	8.69	8.69
	INVERTER	MV32	521521.23	4883686.75	2	0	0	97.3	97.3	1	1726.34	3.25	0	75.74	0	0.05	0	0	12.86	0	0	0	0	0	0	8.66	8.66
	INVERTER	MV46	519569.31	4883250.26	2	0	0	97.3	97.3	1	1809.62	3.25	0	76.15	0	0.07	0	0	13.05	0	0	0	0	0	0	8.04	8.04
	INVERTER	MV3	518997.61	4882023.86	2	0	0	97.3	97.3	1	1937.78	3.25	0	76.75	0	0.11	0	0	13.33	0	0	0	0	0	0	7.12	7.12
	DSTATCOM UNIT	DSTAT	519479.25	4883282.56	2.5	0	0	96.6	96.6	1	1899.09	3.5	0	76.57	0	3.2	0	0	1.66	0	0	0	0	0	0	15.2	15.2
	INVERTER	MV19	519745.15	4882089.95	2	0	0	89.1	89.1	1	1190.16	3.25	0	72.51	0	0.73	0	0	6.66	0	0	0	0	0	0	9.16	9.16
	INVERTER	MV47	519833.32	4883254.23	2	0	0	89.1	89.1	1	1622.57	3.25	0	75.2	0	0.82	0	0	7.42	0	0	0	0	0	0	5.62	5.62
	SUBSTATION TRANSFORMER	TRS	519493.37	4883252.44	3.5	0	0	87.9	87.9	1	1868.97	4	0	76.43	0	-0.69	0	0	4.14	0	0	0	0	0	0	8	8
	LINE REACTOR	LR	519485	4883285	6.8	0	0	82	82	1	1896.26	5.65	0	76.56	0	-1.05	0	0	4.19	0	0	0	0	0	0	2.28	2.28
	INV TRANSFORMER	MV25T	521036.45	4883172.56	2	0	0	68.7	68.7	1	1114.19	3.25	0	71.94	0	0.31	0	0	2.75	0	0	0	0	0	0	-6.32	-6.32
	INV TRANSFORMER	MV29T	521222.7	4883202.56	2	0	0	68.7	68.7	1	1175.32	3.25	0	72.4	0	0.32	0	0	2.87	0	0	0	0	0	0	-6.92	-6.92
	INV TRANSFORMER	MV19T	519745.65	4882084.15	2	0	0	68.7	68.7	1	1189.54	3.25	0	72.51	0	0.33	0	0	2.9	0	0	0	0	0	0	-7.06	-7.06
	INV TRANSFORMER	MV18T	519724.16	4882309.67	2	0	0	68.7	68.7	1	1235.71	3.25	0	72.84	0	0.34	0	0	2.99	0	0	0	0	0	0	-7.49	-7.49
	INV TRANSFORMER	MV24T	521001.8	4883372.56	2	0	0	68.7	68.7	1	1311.26	3.25	0	73.35	0	0.36	0	0	3.13	0	0	0	0	0	0	-8.17	-8.17
	INV TRANSFORMER	MV17T	519691.37	4882499.67	2	0	0	68.7	68.7	1	1318.07	3.25	0	73.4	0	0.36	0	0	3.14	0	0	0	0	0	0	-8.23	-8.23
	INV TRANSFORMER	MV28T	521189.85	4883392.56	2	0	0	68.7	68.7	1	1353.76	3.25	0	73.63	0	0.37	0	0	3.21	0	0	0	0	0	0	-8.54	-8.54
	INV TRANSFORMER	MV15T	519559.49	4882054.55	2	0	0	68.7	68.7	1	1375.53	3.25	0	73.77	0	0.38	0	0	3.25	0	0	0	0	0	0	-8.72	-8.72
	INV TRANSFORMER	MV14T	519548.51	4882219.67	2	0	0	68.7	68.7	1	1395.32	3.25	0	73.89	0	0.38	0	0	3.29	0	0	0	0	0	0	-8.89	-8.89
	INV TRANSFORMER	MV16T	519639.98	4882695.3	2	0	0	68.7	68.7	1	1441.14	3.25	0	74.17	0	0.39	0	0	3.38	0	0	0	0	0	0	-9.27	-9.27
	INV TRANSFORMER	MV21T	520786.16	4883512.56	2	0	0	68.7	68.7	1	1457.18	3.25	0	74.27	0	0.4	0	0	3.4	0	0	0	0	0	0	-9.4	-9.4
	INV TRANSFORMER	MV13T	519508.74	4882449.67	2	0	0	68.7	68.7	1	1477.74	3.25	0	74.39	0	0.4	0	0	3.44	0	0	0	0	0	0	-9.56	-9.56
	INV TRANSFORMER	MV30T	521350.76	4883672.56	2	0	0	69.6	69.6	1	1662.39	3.25	0	75.41	0	0.45	0	0	3.78	0	0	0	0	0	0	-10.07	-10.07
	INV TRANSFORMER	MV23T	520969.02	4883562.56	2	0	0	68.7	68.7	1	1499.95	3.25	0	74.52	0	0.41	0	0	3.48	0	0	0	0	0	0	-9.74	-9.74
	INV TRANSFORMER	MV26T	521131.06	4883732.56	2	0	0	69.6	69.6	1	1681.03	3.25	0	75.51	0	0.46	0	0	3.81	0	0	0	0	0	0	-10.2	-10.2
	INV TRANSFORMER	MV31T	521374.97	4883532.56	2	0	0	68.7	68.7	1	1534.01	3.25	0	74.72	0	0.42	0	0	3.55	0	0	0	0	0	0	-10	-10

INV TRANSFORMER	MV11T	519370.5	4882770.13	2	0	0	69.6	69.6	1	1716.89	3.25	0	75.69	0	0.47	0	0	3.88	0	0	0	0	0	0	-10.46	-10.46
INV TRANSFORMER	MV10T	519382.94	4882009.67	2	0	0	68.7	68.7	1	1552.97	3.25	0	74.82	0	0.42	0	0	3.58	0	0	0	0	0	0	-10.15	-10.15
INV TRANSFORMER	MV27T	521153.54	4883602.56	2	0	0	68.7	68.7	1	1554.99	3.25	0	74.83	0	0.42	0	0	3.58	0	0	0	0	0	0	-10.17	-10.17
INV TRANSFORMER	MV32T	521520.73	4883692.56	2	0	0	69.6	69.6	1	1731.63	3.25	0	75.77	0	0.47	0	0	3.9	0	0	0	0	0	0	-10.57	-10.57
INV TRANSFORMER	MV12T	519470.22	4882671.01	2	0	0	68.7	68.7	1	1585.96	3.25	0	75.01	0	0.43	0	0	3.64	0	0	0	0	0	0	-10.4	-10.4
INV TRANSFORMER	MV47T	519833.6	4883248.41	2	0	0	68.7	68.7	1	1618.11	3.25	0	75.18	0	0.44	0	0	3.7	0	0	0	0	0	0	-10.64	-10.64
INV TRANSFORMER	MV33T	521543.21	4883562.56	2	0	0	68.7	68.7	1	1618.21	3.25	0	75.18	0	0.44	0	0	3.7	0	0	0	0	0	0	-10.64	-10.64
INV TRANSFORMER	MV46T	519569.03	4883256.08	2	0	0	69.6	69.6	1	1813.65	3.25	0	76.17	0	0.49	0	0	4.05	0	0	0	0	0	0	-11.13	-11.13
INV TRANSFORMER	MV20T	520751.23	4883714.56	2	0	0	68.7	68.7	1	1661.75	3.25	0	75.41	0	0.45	0	0	3.78	0	0	0	0	0	0	-10.96	-10.96
INV TRANSFORMER	MV9T	519310.48	4882429.67	2	0	0	68.7	68.7	1	1665.39	3.25	0	75.43	0	0.45	0	0	3.78	0	0	0	0	0	0	-10.99	-10.99
INV TRANSFORMER	MV22T	520936.13	4883752.78	2	0	0	68.7	68.7	1	1689.78	3.25	0	75.56	0	0.46	0	0	3.83	0	0	0	0	0	0	-11.17	-11.17
INV TRANSFORMER	MV35T	521725.94	4883612.56	2	0	0	68.7	68.7	1	1739.75	3.25	0	75.81	0	0.47	0	0	3.92	0	0	0	0	0	0	-11.52	-11.52
INV TRANSFORMER	MV7T	519193.49	4881999.67	2	0	0	68.7	68.7	1	1742.66	3.25	0	75.82	0	0.47	0	0	3.92	0	0	0	0	0	0	-11.54	-11.54
INV TRANSFORMER	MV3T	518997.12	4882029.67	2	0	0	69.6	69.6	1	1938.17	3.25	0	76.75	0	0.53	0	0	4.26	0	0	0	0	0	0	-11.96	-11.96
INV TRANSFORMER	MV8T	519258.81	4882625.3	2	0	0	68.7	68.7	1	1767.99	3.25	0	75.95	0	0.48	0	0	3.97	0	0	0	0	0	0	-11.72	-11.72
INV TRANSFORMER	MV6T	519158.97	4882199.67	2	0	0	68.7	68.7	1	1781.28	3.25	0	76.01	0	0.48	0	0	3.99	0	0	0	0	0	0	-11.81	-11.81
INV TRANSFORMER	MV5T	519126.12	4882389.67	2	0	0	68.7	68.7	1	1838.14	3.25	0	76.29	0	0.5	0	0	4.09	0	0	0	0	0	0	-12.2	-12.2
INV TRANSFORMER	MV4T	519089.32	4882601.01	2	0	0	68.7	68.7	1	1922.5	3.25	0	76.68	0	0.52	0	0	4.23	0	0	0	0	0	0	-12.76	-12.76
INV TRANSFORMER	MV36T	521686.86	4883838.56	2	0	0	68.7	68.7	1	1928.19	3.25	0	76.7	0	0.52	0	0	4.24	0	0	0	0	0	0	-12.79	-12.79
INV TRANSFORMER	MV2T	518972.91	4882169.67	2	0	0	68.7	68.7	1	1964.99	3.25	0	76.87	0	0.53	0	0	4.31	0	0	0	0	0	0	-13.03	-13.03
mit. Value D/N:	0	0																							
Level D/N:	28.6726	28.6726																							

Receiver: Existing Noise Receptor
ID: R48
X: 520666
Y: 4882250
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	INVERTER	MV18	519724.65	4882303.86	2	0	0	100.3	100.3	1	942.89	3.25	0	70.49	0	-0.27	0	0	10.72	0	0	0	0	0	0	19.38	19.38
	INVERTER	MV25	521036.94	4883166.75	2	0	0	100.3	100.3	1	988.96	3.25	0	70.9	0	-0.25	0	0	10.87	0	0	0	0	0	0	18.79	18.79
	INVERTER	MV17	519691.86	4882493.86	2	0	0	100.3	100.3	1	1004.2	3.25	0	71.04	0	-0.24	0	0	10.92	0	0	0	0	0	0	18.59	18.59
	INVERTER	MV29	521223.2	4883196.75	2	0	0	100.3	100.3	1	1098.55	3.25	0	71.82	0	-0.2	0	0	11.22	0	0	0	0	0	0	17.47	17.47
	INVERTER	MV14	519549.01	4882213.86	2	0	0	100.3	100.3	1	1117.58	3.25	0	71.97	0	-0.19	0	0	11.28	0	0	0	0	0	0	17.25	17.25
	INVERTER	MV16	519639.48	4882701.1	2	0	0	100.3	100.3	1	1121.27	3.25	0	71.99	0	-0.19	0	0	11.29	0	0	0	0	0	0	17.21	17.21
	INVERTER	MV15	519559	4882060.35	2	0	0	100.3	100.3	1	1123.13	3.25	0	72.01	0	-0.19	0	0	11.3	0	0	0	0	0	0	17.19	17.19
	INVERTER	MV24	521002.3	4883366.75	2	0	0	100.3	100.3	1	1166.29	3.25	0	72.34	0	-0.17	0	0	11.43	0	0	0	0	0	0	16.72	16.72
	INVERTER	MV13	519509.24	4882443.86	2	0	0	100.3	100.3	1	1172.9	3.25	0	72.39	0	-0.17	0	0	11.45	0	0	0	0	0	0	16.65	16.65
	INVERTER	MV28	521190.35	4883386.75	2	0	0	100.3	100.3	1	1251.86	3.25	0	72.95	0	-0.13	0	0	11.67	0	0	0	0	0	0	15.82	15.82
	INVERTER	MV21	520786.65	4883506.75	2	0	0	100.3	100.3	1	1262.53	3.25	0	73.02	0	-0.13	0	0	11.7	0	0	0	0	0	0	15.71	15.71
	INVERTER	MV12	519470.71	4882665.21	2	0	0	100.3	100.3	1	1265.35	3.25	0	73.04	0	-0.13	0	0	11.71	0	0	0	0	0	0	15.68	15.68
	INVERTER	MV10	519383.44	4882003.86	2	0	0	100.3	100.3	1	1305.97	3.25	0	73.32	0	-0.11	0	0	11.82	0	0	0	0	0	0	15.28	15.28
	INVERTER	MV23	520969.51	4883556.75	2	0	0	100.3	100.3	1	1341.54	3.25	0	73.55	0	-0.09	0	0	11.92	0	0	0	0	0	0	14.94	14.94
	INVERTER	MV9	519310.97	4882423.86	2	0	0	100.3	100.3	1	1366.14	3.25	0	73.71	0	-0.08	0	0	11.98	0	0	0	0	0	0	14.7	14.7
	INVERTER	MV27	521154.04	4883596.75	2	0	0	100.3	100.3	1	1432.46	3.25	0	74.12	0	-0.06	0	0	12.15	0	0	0	0	0	0	14.09	14.09
	INVERTER	MV8	519258.31	4882631.1	2	0	0	100.3	100.3	1	1458.36	3.25	0	74.28	0	-0.05	0	0	12.22	0	0	0	0	0	0	13.86	13.86
	INVERTER	MV31	521375.47	4883526.75	2	0	0	100.3	100.3	1	1460.63	3.25	0	74.29	0	-0.05	0	0	12.23	0	0	0	0	0	0	13.84	13.84
	INVERTER	MV20	520751.73	4883708.75	2	0	0	100.3	100.3	1	1461.27	3.25	0	74.29	0	-0.05	0	0	12.23	0	0	0	0	0	0	13.84	13.84
	INVERTER	MV7	519193.98	4881993.86	2	0	0	100.3	100.3	1	1494.14	3.25	0	74.49	0	-0.04	0	0	12.31	0	0	0	0	0	0	13.55	13.55
	INVERTER	MV6	519159.47	4882193.86	2	0	0	100.3	100.3	1	1507.58	3.25	0	74.57	0	-0.03	0	0	12.34	0	0	0	0	0	0	13.43	13.43
	INVERTER	MV22	520936.62	4883746.98	2	0	0	100.3	100.3	1	1521.24	3.25	0	74.64	0	-0.03	0	0	12.38	0	0	0	0	0	0	13.32	13.32
	INVERTER	MV5	519126.62	4882383.86	2	0	0	100.3	100.3	1	1545.2	3.25	0	74.78	0	-0.02	0	0	12.44	0	0	0	0	0	0	13.11	13.11
	INVERTER	MV33	521543.7	4883556.75	2	0	0	100.3	100.3	1	1574.16	3.25	0	74.94	0	-0.01	0	0	12.51	0	0	0	0	0	0	12.87	12.87
	INVERTER	MV4	519089.82	4882595.21	2	0	0	100.3	100.3	1	1613.55	3.25	0	75.16	0	0.01	0	0	12.6	0	0	0	0	0	0	12.55	12.55
	INVERTER	MV2	518973.41	4882163.86	2	0	0	100.3	100.3	1	1694.78	3.25	0	75.58	0	0.04	0	0	12.79	0	0	0	0	0	0	11.9	11.9
	INVERTER	MV35	521726.44	4883606.75	2	0	0	100.3	100.3	1	1722.01	3.25	0	75.72	0	0.04	0	0	12.85	0	0	0	0	0	0	11.69	11.69
	INVERTER	MV1	518942.28	4882343.86	2	0	0	100.3	100.3	1	1726.27	3.25	0	75.74	0	0.05	0	0	12.86	0	0	0	0	0	0	11.66	11.66
	INVERTER	MV36	521687.36	4883832.75	2	0	0	100.3	100.3	1	1883.69	3.25	0	76.5	0	0.1	0	0	13.21	0	0	0	0	0	0	10.5	10.5
	INVERTER	MV11	519364.7	4882769.62	2	0	0	97.3	97.3	1	1401.21	3.25	0	73.93	0	-0.07	0	0	12.07	0	0	0	0	0	0	11.38	11.38
	INVERTER	MV46	519569.31	4883250.26	2	0	0	97.3	97.3	1	1484.34	3.25	0	74.43	0	-0.04	0	0	12.29	0	0	0	0	0	0	10.64	10.64
	INVERTER	MV26	521131.56	4883726.75	2	0	0	97.3	97.3	1	1548.4	3.25	0	74.8	0	-0.02	0	0	12.44	0	0	0	0	0	0	10.09	10.09
	INVERTER	MV30	521351.26	4883666.75	2	0	0	97.3	97.3	1	1573.78	3.25	0	74.94	0	-0.01	0	0	12.51	0	0	0	0	0	0	9.87	9.87
	INVERTER	MV32	521521.23	4883686.75	2	0	0	97.3	97.3	1	1672.03	3.25	0	75.46	0	0.03	0	0	12.74	0	0	0	0	0	0	9.08	9.08
	INVERTER	MV3	518997.61	4882023.86	2	0	0	97.3	97.3	1	1683.64	3.25	0	75.53	0	0.03	0	0	12.76	0	0	0	0	0	0	8.99	8.99
	DSTATCOM UNIT	DSTAT	519479.25	4883282.56	2.5	0	0	96.6	96.6	1	1573.07	3.5	0	74.93	0	3.13	0	0	1.45	0	0	0	0	0	0	17.11	17.11
	INVERTER	MV19	519745.15	4882089.95	2	0	0	89.1	89.1	1	934.66	3.25	0	70.41	0	0.67	0	0	6.19	0	0	0	0	0	0	11.78	11.78
	INVERTER	MV47	519833.32	4883254.23	2	0	0	89.1	89.1	1	1304.54	3.25	0	73.31	0	0.75	0	0	6.87	0	0	0	0	0	0	8.13	8.13
	SUBSTATION TRANSFORMER	TRS	519493.37	4883252.44	3.5	0	0	87.9	87.9	1	1542.71	4	0	74.77	0	-0.75	0	0	3.56	0	0	0	0	0	0	10.29	10.29
	LINE REACTOR	LR	519485	4883285	6.8	0	0	82	82	1	1570.35	5.65	0	74.92	0	-1.06	0	0	3.61	0	0	0	0	0	0	4.51	4.51
	INV TRANSFORMER	MV19T	519745.65	4882084.15	2	0	0	68.7	68.7	1	935.18	3.25	0	70.42	0	0.26	0	0	2.39	0	0	0	0	0	0	-4.39	-4.39

INV TRANSFORMER	MV18T	519724.16	4882309.67	2	0	0	68.7	68.7	1	943.73	3.25	0	70.5	0	0.26	0	0	2.4	0	0	0	0	0	0	-4.49	-4.49
INV TRANSFORMER	MV25T	521036.45	4883172.56	2	0	0	68.7	68.7	1	994.16	3.25	0	70.95	0	0.28	0	0	2.51	0	0	0	0	0	0	-5.06	-5.06
INV TRANSFORMER	MV17T	519691.37	4882499.67	2	0	0	68.7	68.7	1	1006.1	3.25	0	71.05	0	0.28	0	0	2.53	0	0	0	0	0	0	-5.19	-5.19
INV TRANSFORMER	MV29T	521222.7	4883202.56	2	0	0	68.7	68.7	1	1103.31	3.25	0	71.85	0	0.31	0	0	2.73	0	0	0	0	0	0	-6.21	-6.21
INV TRANSFORMER	MV14T	519548.51	4882219.67	2	0	0	68.7	68.7	1	1117.9	3.25	0	71.97	0	0.31	0	0	2.76	0	0	0	0	0	0	-6.36	-6.36
INV TRANSFORMER	MV16T	519639.98	4882695.3	2	0	0	68.7	68.7	1	1118.49	3.25	0	71.97	0	0.31	0	0	2.76	0	0	0	0	0	0	-6.36	-6.36
INV TRANSFORMER	MV15T	519559.49	4882054.55	2	0	0	68.7	68.7	1	1123.64	3.25	0	72.01	0	0.31	0	0	2.77	0	0	0	0	0	0	-6.41	-6.41
INV TRANSFORMER	MV24T	521001.8	4883372.56	2	0	0	68.7	68.7	1	1171.71	3.25	0	72.38	0	0.32	0	0	2.86	0	0	0	0	0	0	-6.89	-6.89
INV TRANSFORMER	MV13T	519508.74	4882449.67	2	0	0	68.7	68.7	1	1174.36	3.25	0	72.4	0	0.32	0	0	2.87	0	0	0	0	0	0	-6.91	-6.91
INV TRANSFORMER	MV28T	521189.85	4883392.56	2	0	0	68.7	68.7	1	1256.93	3.25	0	72.99	0	0.35	0	0	3.03	0	0	0	0	0	0	-7.68	-7.68
INV TRANSFORMER	MV11T	519370.5	4882770.13	2	0	0	69.6	69.6	1	1396.02	3.25	0	73.9	0	0.38	0	0	3.29	0	0	0	0	0	0	-7.99	-7.99
INV TRANSFORMER	MV12T	519470.22	4882671.01	2	0	0	68.7	68.7	1	1267.73	3.25	0	73.06	0	0.35	0	0	3.05	0	0	0	0	0	0	-7.78	-7.78
INV TRANSFORMER	MV21T	520786.16	4883512.56	2	0	0	68.7	68.7	1	1268.27	3.25	0	73.06	0	0.35	0	0	3.05	0	0	0	0	0	0	-7.79	-7.79
INV TRANSFORMER	MV47T	519833.6	4883248.41	2	0	0	68.7	68.7	1	1299.89	3.25	0	73.28	0	0.36	0	0	3.11	0	0	0	0	0	0	-8.07	-8.07
INV TRANSFORMER	MV10T	519382.94	4882009.67	2	0	0	68.7	68.7	1	1305.37	3.25	0	73.31	0	0.36	0	0	3.12	0	0	0	0	0	0	-8.12	-8.12
INV TRANSFORMER	MV46T	519569.03	4883256.08	2	0	0	69.6	69.6	1	1488.47	3.25	0	74.45	0	0.41	0	0	3.46	0	0	0	0	0	0	-8.75	-8.75
INV TRANSFORMER	MV23T	520969.02	4883562.56	2	0	0	68.7	68.7	1	1347.08	3.25	0	73.59	0	0.37	0	0	3.2	0	0	0	0	0	0	-8.48	-8.48
INV TRANSFORMER	MV9T	519310.48	4882429.67	2	0	0	68.7	68.7	1	1367.38	3.25	0	73.72	0	0.37	0	0	3.24	0	0	0	0	0	0	-8.65	-8.65
INV TRANSFORMER	MV26T	521131.06	4883732.56	2	0	0	69.6	69.6	1	1553.79	3.25	0	74.83	0	0.42	0	0	3.58	0	0	0	0	0	0	-9.26	-9.26
INV TRANSFORMER	MV30T	521350.76	4883672.56	2	0	0	69.6	69.6	1	1578.79	3.25	0	74.97	0	0.43	0	0	3.63	0	0	0	0	0	0	-9.45	-9.45
INV TRANSFORMER	MV27T	521153.54	4883602.56	2	0	0	68.7	68.7	1	1437.75	3.25	0	74.15	0	0.39	0	0	3.37	0	0	0	0	0	0	-9.24	-9.24
INV TRANSFORMER	MV8T	519258.81	4882625.3	2	0	0	68.7	68.7	1	1456.38	3.25	0	74.27	0	0.4	0	0	3.4	0	0	0	0	0	0	-9.39	-9.39
INV TRANSFORMER	MV31T	521374.97	4883532.56	2	0	0	68.7	68.7	1	1465.47	3.25	0	74.32	0	0.4	0	0	3.42	0	0	0	0	0	0	-9.46	-9.46
INV TRANSFORMER	MV20T	520751.23	4883714.56	2	0	0	68.7	68.7	1	1467.04	3.25	0	74.33	0	0.4	0	0	3.42	0	0	0	0	0	0	-9.48	-9.48
INV TRANSFORMER	MV7T	519193.49	4881999.67	2	0	0	68.7	68.7	1	1493.64	3.25	0	74.48	0	0.41	0	0	3.47	0	0	0	0	0	0	-9.69	-9.69
INV TRANSFORMER	MV6T	519158.97	4882199.67	2	0	0	68.7	68.7	1	1507.87	3.25	0	74.57	0	0.41	0	0	3.5	0	0	0	0	0	0	-9.8	-9.8
INV TRANSFORMER	MV32T	521520.73	4883692.56	2	0	0	69.6	69.6	1	1676.77	3.25	0	75.49	0	0.46	0	0	3.8	0	0	0	0	0	0	-10.17	-10.17
INV TRANSFORMER	MV3T	518997.12	4882029.67	2	0	0	69.6	69.6	1	1683.37	3.25	0	75.52	0	0.46	0	0	3.82	0	0	0	0	0	0	-10.22	-10.22
INV TRANSFORMER	MV22T	520936.13	4883752.78	2	0	0	68.7	68.7	1	1526.87	3.25	0	74.68	0	0.42	0	0	3.53	0	0	0	0	0	0	-9.95	-9.95
INV TRANSFORMER	MV5T	519126.12	4882389.67	2	0	0	68.7	68.7	1	1546.2	3.25	0	74.79	0	0.42	0	0	3.57	0	0	0	0	0	0	-10.1	-10.1
INV TRANSFORMER	MV33T	521543.21	4883562.56	2	0	0	68.7	68.7	1	1578.71	3.25	0	74.97	0	0.43	0	0	3.63	0	0	0	0	0	0	-10.35	-10.35
INV TRANSFORMER	MV4T	519089.32	4882601.01	2	0	0	68.7	68.7	1	1615.28	3.25	0	75.16	0	0.44	0	0	3.69	0	0	0	0	0	0	-10.62	-10.62
INV TRANSFORMER	MV2T	518972.91	4882169.67	2	0	0	68.7	68.7	1	1695	3.25	0	75.58	0	0.46	0	0	3.84	0	0	0	0	0	0	-11.2	-11.2
INV TRANSFORMER	MV35T	521725.94	4883612.56	2	0	0	68.7	68.7	1	1726.28	3.25	0	75.74	0	0.47	0	0	3.89	0	0	0	0	0	0	-11.43	-11.43
INV TRANSFORMER	MV1T	518941.79	4882349.67	2	0	0	68.7	68.7	1	1727.09	3.25	0	75.75	0	0.47	0	0	3.89	0	0	0	0	0	0	-11.43	-11.43
INV TRANSFORMER	MV36T	521686.86	4883838.56	2	0	0	68.7	68.7	1	1888.3	3.25	0	76.52	0	0.51	0	0	4.18	0	0	0	0	0	0	-12.53	-12.53

mit. Value D/N: 0 0

Level D/N: 30.7225 30.7225

Receiver: Existing Noise Receptor

ID: R49

X: 520857

Y: 4881730

Z: 4.5

Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	INVERTER	MV18	519724.65	4882303.86	2	0	0	100.3	100.3	1	1269.46	3.25	0	73.07	0	-0.12	0	0	11.72	0	0	0	0	0	0	15.64	15.64
	INVERTER	MV15	519559	4882060.35	2	0	0	100.3	100.3	1	1339.38	3.25	0	73.54	0	-0.1	0	0	11.91	0	0	0	0	0	0	14.96	14.96
	INVERTER	MV17	519691.86	4882493.86	2	0	0	100.3	100.3	1	1393.21	3.25	0	73.88	0	-0.07	0	0	12.05	0	0	0	0	0	0	14.45	14.45
	INVERTER	MV14	519549.01	4882213.86	2	0	0	100.3	100.3	1	1394.63	3.25	0	73.89	0	-0.07	0	0	12.06	0	0	0	0	0	0	14.44	14.44
	INVERTER	MV25	521036.94	4883166.75	2	0	0	100.3	100.3	1	1447.98	3.25	0	74.22	0	-0.05	0	0	12.19	0	0	0	0	0	0	13.96	13.96
	INVERTER	MV10	519383.44	4882003.86	2	0	0	100.3	100.3	1	1498.8	3.25	0	74.51	0	-0.03	0	0	12.32	0	0	0	0	0	0	13.51	13.51
	INVERTER	MV29	521223.2	4883196.75	2	0	0	100.3	100.3	1	1511.78	3.25	0	74.59	0	-0.03	0	0	12.35	0	0	0	0	0	0	13.4	13.4
	INVERTER	MV13	519509.24	4882443.86	2	0	0	100.3	100.3	1	1525.15	3.25	0	74.67	0	-0.02	0	0	12.39	0	0	0	0	0	0	13.28	13.28
	INVERTER	MV16	519639.48	4882701.1	2	0	0	100.3	100.3	1	1557.37	3.25	0	74.85	0	-0.01	0	0	12.47	0	0	0	0	0	0	13.01	13.01
	INVERTER	MV24	521002.3	4883366.75	2	0	0	100.3	100.3	1	1643.19	3.25	0	75.31	0	0.02	0	0	12.67	0	0	0	0	0	0	12.31	12.31
	INVERTER	MV12	519470.71	4882665.21	2	0	0	100.3	100.3	1	1672.24	3.25	0	75.47	0	0.03	0	0	12.74	0	0	0	0	0	0	12.08	12.08
	INVERTER	MV7	519193.98	4881993.86	2	0	0	100.3	100.3	1	1683.82	3.25	0	75.53	0	0.03	0	0	12.77	0	0	0	0	0	0	11.99	11.99
	INVERTER	MV28	521190.35	4883386.75	2	0	0	100.3	100.3	1	1689.96	3.25	0	75.56	0	0.03	0	0	12.78	0	0	0	0	0	0	11.94	11.94
	INVERTER	MV9	519310.97	4882423.86	2	0	0	100.3	100.3	1	1694.6	3.25	0	75.58	0	0.03	0	0	12.79	0	0	0	0	0	0	11.91	11.91
	INVERTER	MV6	519159.47	4882193.86	2	0	0	100.3	100.3	1	1759.77	3.25	0	75.91	0	0.06	0	0	12.94	0	0	0	0	0	0	11.41	11.41
	INVERTER	MV21	520786.65	4883506.75	2	0	0	100.3	100.3	1	1778.15	3.25	0	76	0	0.06	0	0	12.98	0	0	0	0	0	0	11.27	11.27
	INVERTER	MV23	520969.51	4883556.75	2	0	0	100.3	100.3	1	1830.22	3.25	0	76.25	0	0.08	0	0	13.1	0	0	0	0	0	0	10.89	10.89
	INVERTER	MV8	519258.31	4882631.1	2	0	0	100.3	100.3	1	1835.15	3.25	0	76.27	0	0.08	0	0	13.11	0	0	0	0	0	0	10.85	10.85
	INVERTER	MV5	519126.62	4882383.86	2	0	0	100.3	100.3	1	1849.8	3.25	0	76.34	0	0.08	0	0	13.14	0	0	0	0	0	0	10.75	10.75
	INVERTER	MV31	521375.47	4883526.75	2	0	0	100.3	100.3	1	1870.06	3.25	0	76.44	0	0.09	0	0	13.18	0	0	0	0	0	0	10.6	10.6
	INVERTER	MV27	521154.04	4883596.75	2	0	0	100.3	100.3	1	1890.24	3.25	0	76.53	0	0.1	0	0	13.23	0	0	0	0	0	0	10.46	10.46
	INVERTER	MV2	518973.41	4882163.86	2	0	0	100.3	100.3	1	1932.92	3.25	0	76.72	0	0.11	0	0	13.32	0	0	0	0	0	0	10.16	10.16
	INVERTER	MV33	521543.7	4883556.75	2	0	0	100.3	100.3	1	1951.56	3.25	0	76.81	0	0.12	0	0	13.36	0	0	0	0	0	0	10.03	10.03
	INVERTER	MV4	519089.82	4882595.21	2	0	0	100.3	100.3	1	1967.62	3.25	0	76.88	0	0.12	0	0	13.39	0	0	0	0	0	0	9.92	9.92
	INVERTER	MV20	520751.73	4883708.75	2	0	0	100.3	100.3	1	1981.55	3.25	0	76.94	0	0.12	0	0	13.42	0	0	0	0	0	0	9.82	9.82

	INVERTER	MV11	519364.7	4882769.62	2	0	0	97.3	97.3	1	1818.73	3.25	0	76.2	0	0.08	0	0	13.07	0	0	0	0	0	0	7.97	7.97
	INVERTER	MV3	518997.61	4882023.86	2	0	0	97.3	97.3	1	1882.47	3.25	0	76.49	0	0.09	0	0	13.21	0	0	0	0	0	0	7.51	7.51
	INVERTER	MV46	519569.31	4883250.26	2	0	0	97.3	97.3	1	1992.32	3.25	0	76.99	0	0.13	0	0	13.45	0	0	0	0	0	0	6.75	6.75
	INVERTER	MV30	521351.26	4883666.75	2	0	0	97.3	97.3	1	1998.83	3.25	0	77.02	0	0.13	0	0	13.46	0	0	0	0	0	0	6.71	6.71
	INVERTER	MV19	519745.15	4882089.95	2	0	0	89.1	89.1	1	1168.66	3.25	0	72.35	0	0.72	0	0	6.63	0	0	0	0	0	0	9.36	9.36
	INVERTER	MV47	519833.32	4883254.23	2	0	0	89.1	89.1	1	1836.08	3.25	0	76.28	0	0.87	0	0	7.78	0	0	0	0	0	0	4.14	4.14
	INV TRANSFORMER	MV19T	519745.65	4882084.15	2	0	0	68.7	68.7	1	1166.42	3.25	0	72.34	0	0.32	0	0	2.85	0	0	0	0	0	0	-6.83	-6.83
	INV TRANSFORMER	MV18T	519724.16	4882309.67	2	0	0	68.7	68.7	1	1272.54	3.25	0	73.09	0	0.35	0	0	3.06	0	0	0	0	0	0	-7.82	-7.82
	INV TRANSFORMER	MV15T	519559.49	4882054.55	2	0	0	68.7	68.7	1	1337.48	3.25	0	73.53	0	0.37	0	0	3.18	0	0	0	0	0	0	-8.4	-8.4
	INV TRANSFORMER	MV17T	519691.37	4882499.67	2	0	0	68.7	68.7	1	1396.81	3.25	0	73.9	0	0.38	0	0	3.29	0	0	0	0	0	0	-8.9	-8.9
	INV TRANSFORMER	MV14T	519548.51	4882219.67	2	0	0	68.7	68.7	1	1397.11	3.25	0	73.9	0	0.38	0	0	3.29	0	0	0	0	0	0	-8.9	-8.9
	INV TRANSFORMER	MV25T	521036.45	4883172.56	2	0	0	68.7	68.7	1	1453.68	3.25	0	74.25	0	0.4	0	0	3.4	0	0	0	0	0	0	-9.37	-9.37
	INV TRANSFORMER	MV10T	519382.94	4882009.67	2	0	0	68.7	68.7	1	1500.35	3.25	0	74.52	0	0.41	0	0	3.48	0	0	0	0	0	0	-9.74	-9.74
	INV TRANSFORMER	MV29T	521222.7	4883202.56	2	0	0	68.7	68.7	1	1517.29	3.25	0	74.62	0	0.41	0	0	3.52	0	0	0	0	0	0	-9.87	-9.87
	INV TRANSFORMER	MV13T	519508.74	4882449.67	2	0	0	68.7	68.7	1	1528.31	3.25	0	74.68	0	0.42	0	0	3.54	0	0	0	0	0	0	-9.96	-9.96
	INV TRANSFORMER	MV16T	519639.98	4882695.3	2	0	0	68.7	68.7	1	1553.37	3.25	0	74.83	0	0.42	0	0	3.58	0	0	0	0	0	0	-10.15	-10.15
	INV TRANSFORMER	MV11T	519370.5	4882770.13	2	0	0	69.6	69.6	1	1814.27	3.25	0	76.17	0	0.49	0	0	4.05	0	0	0	0	0	0	-11.14	-11.14
	INV TRANSFORMER	MV24T	521001.8	4883372.56	2	0	0	68.7	68.7	1	1648.93	3.25	0	75.34	0	0.45	0	0	3.75	0	0	0	0	0	0	-10.87	-10.87
	INV TRANSFORMER	MV12T	519470.22	4882671.01	2	0	0	68.7	68.7	1	1675.91	3.25	0	75.49	0	0.46	0	0	3.8	0	0	0	0	0	0	-11.07	-11.07
	INV TRANSFORMER	MV7T	519193.49	4881999.67	2	0	0	68.7	68.7	1	1685.23	3.25	0	75.53	0	0.46	0	0	3.82	0	0	0	0	0	0	-11.13	-11.13
	INV TRANSFORMER	MV28T	521189.85	4883392.56	2	0	0	68.7	68.7	1	1695.55	3.25	0	75.59	0	0.46	0	0	3.84	0	0	0	0	0	0	-11.21	-11.21
	INV TRANSFORMER	MV9T	519310.48	4882429.67	2	0	0	68.7	68.7	1	1697.43	3.25	0	75.6	0	0.46	0	0	3.84	0	0	0	0	0	0	-11.22	-11.22
	INV TRANSFORMER	MV3T	518997.12	4882029.67	2	0	0	69.6	69.6	1	1883.87	3.25	0	76.5	0	0.51	0	0	4.17	0	0	0	0	0	0	-11.6	-11.6
	INV TRANSFORMER	MV6T	519158.97	4882199.67	2	0	0	68.7	68.7	1	1761.79	3.25	0	75.92	0	0.48	0	0	3.95	0	0	0	0	0	0	-11.68	-11.68
	INV TRANSFORMER	MV21T	520786.16	4883512.56	2	0	0	68.7	68.7	1	1783.97	3.25	0	76.03	0	0.49	0	0	3.99	0	0	0	0	0	0	-11.83	-11.83
	INV TRANSFORMER	MV46T	519569.03	4883256.08	2	0	0	69.6	69.6	1	1996.94	3.25	0	77.01	0	0.54	0	0	4.36	0	0	0	0	0	0	-12.33	-12.33
	INV TRANSFORMER	MV47T	519833.6	4883248.41	2	0	0	68.7	68.7	1	1831.1	3.25	0	76.25	0	0.5	0	0	4.08	0	0	0	0	0	0	-12.15	-12.15
	INV TRANSFORMER	MV8T	519258.81	4882625.3	2	0	0	68.7	68.7	1	1831.88	3.25	0	76.26	0	0.5	0	0	4.08	0	0	0	0	0	0	-12.16	-12.16
	INV TRANSFORMER	MV23T	520969.02	4883562.56	2	0	0	68.7	68.7	1	1835.98	3.25	0	76.28	0	0.5	0	0	4.08	0	0	0	0	0	0	-12.18	-12.18
	INV TRANSFORMER	MV5T	519126.12	4882389.67	2	0	0	68.7	68.7	1	1852.33	3.25	0	76.35	0	0.5	0	0	4.11	0	0	0	0	0	0	-12.29	-12.29
	INV TRANSFORMER	MV31T	521374.97	4883532.56	2	0	0	68.7	68.7	1	1875.5	3.25	0	76.46	0	0.51	0	0	4.15	0	0	0	0	0	0	-12.45	-12.45
	INV TRANSFORMER	MV27T	521153.54	4883602.56	2	0	0	68.7	68.7	1	1895.89	3.25	0	76.56	0	0.52	0	0	4.19	0	0	0	0	0	0	-12.58	-12.58
	INV TRANSFORMER	MV2T	518972.91	4882169.67	2	0	0	68.7	68.7	1	1934.71	3.25	0	76.73	0	0.53	0	0	4.26	0	0	0	0	0	0	-12.84	-12.84
	INV TRANSFORMER	MV33T	521543.21	4883562.56	2	0	0	68.7	68.7	1	1956.82	3.25	0	76.83	0	0.53	0	0	4.29	0	0	0	0	0	0	-12.98	-12.98
	INV TRANSFORMER	MV4T	519089.32	4882601.01	2	0	0	68.7	68.7	1	1970.62	3.25	0	76.89	0	0.54	0	0	4.32	0	0	0	0	0	0	-13.07	-13.07
	INV TRANSFORMER	MV20T	520751.23	4883714.56	2	0	0	68.7	68.7	1	1987.38	3.25	0	76.97	0	0.54	0	0	4.35	0	0	0	0	0	0	-13.17	-13.17
mit. Value D/N:	0	0																								
Level D/N:	26.7703	26.7703																								

Receiver: Existing Noise Receptor
ID: R50
X: 519168
Y: 4881628
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	INVERTER	MV7	519193.98	4881993.86	2	0	0	100.3	100.3	1	366.79	3.25	0	62.29	0	-0.64	0	0	7.26	0	0	0	0	0	0	31.4	31.4
	INVERTER	MV10	519383.44	4882003.86	2	0	0	100.3	100.3	1	433.24	3.25	0	63.73	0	-0.6	0	0	7.95	0	0	0	0	0	0	29.22	29.22
	INVERTER	MV6	519159.47	4882193.86	2	0	0	100.3	100.3	1	565.93	3.25	0	66.06	0	-0.5	0	0	8.99	0	0	0	0	0	0	25.77	25.77
	INVERTER	MV2	518973.41	4882163.86	2	0	0	100.3	100.3	1	570.11	3.25	0	66.12	0	-0.5	0	0	9.02	0	0	0	0	0	0	25.67	25.67
	INVERTER	MV15	519559	4882060.35	2	0	0	100.3	100.3	1	582.94	3.25	0	66.31	0	-0.49	0	0	9.1	0	0	0	0	0	0	25.39	25.39
	INVERTER	MV3	518997.61	4882023.86	2	0	0	97.3	97.3	1	430.98	3.25	0	63.69	0	-0.6	0	0	7.93	0	0	0	0	0	0	26.29	26.29
	INVERTER	MV14	519549.01	4882213.86	2	0	0	100.3	100.3	1	698.86	3.25	0	67.89	0	-0.41	0	0	9.73	0	0	0	0	0	0	23.1	23.1
	INVERTER	MV1	518942.28	4882343.86	2	0	0	100.3	100.3	1	750.61	3.25	0	68.51	0	-0.38	0	0	9.97	0	0	0	0	0	0	22.21	22.21
	INVERTER	MV5	519126.62	4882383.86	2	0	0	100.3	100.3	1	757	3.25	0	68.58	0	-0.38	0	0	10	0	0	0	0	0	0	22.11	22.11
	INVERTER	MV9	519310.97	4882423.86	2	0	0	100.3	100.3	1	808.61	3.25	0	69.15	0	-0.35	0	0	10.22	0	0	0	0	0	0	21.29	21.29
	INVERTER	MV18	519724.65	4882303.86	2	0	0	100.3	100.3	1	875.59	3.25	0	69.85	0	-0.31	0	0	10.48	0	0	0	0	0	0	20.3	20.3
	INVERTER	MV13	519509.24	4882443.86	2	0	0	100.3	100.3	1	884.35	3.25	0	69.93	0	-0.31	0	0	10.51	0	0	0	0	0	0	20.18	20.18
	INVERTER	MV4	519089.82	4882595.21	2	0	0	100.3	100.3	1	970.36	3.25	0	70.74	0	-0.26	0	0	10.81	0	0	0	0	0	0	19.02	19.02
	INVERTER	MV8	519258.31	4882631.1	2	0	0	100.3	100.3	1	1007.16	3.25	0	71.06	0	-0.24	0	0	10.93	0	0	0	0	0	0	18.56	18.56
	INVERTER	MV17	519691.86	4882493.86	2	0	0	100.3	100.3	1	1012.01	3.25	0	71.1	0	-0.24	0	0	10.95	0	0	0	0	0	0	18.5	18.5
	INVERTER	MV12	519470.71	4882665.21	2	0	0	100.3	100.3	1	1080.48	3.25	0	71.67	0	-0.21	0	0	11.17	0	0	0	0	0	0	17.68	17.68
	INVERTER	MV16	519639.48	4882701.1	2	0	0	100.3	100.3	1	1172.11	3.25	0	72.38	0	-0.17	0	0	11.44	0	0	0	0	0	0	16.65	16.65
	INVERTER	MV11	519364.7	4882769.62	2	0	0	97.3	97.3	1	1158.44	3.25	0	72.28	0	-0.17	0	0	11.4	0	0	0	0	0	0	13.8	13.8
	INVERTER	MV46	519569.31	4883250.26	2	0	0	97.3	97.3	1	1671.16	3.25	0	75.46	0	0.03	0	0	12.74	0	0	0	0	0	0	9.09	9.09
	DSTATCOM UNIT	DSTAT	519479.25	4883282.56	2.5	0	0	96.6	96.6	1	1683.58	3.5	0	75.52	0	3.15	0	0	1.52	0	0	0	0	0	0	16.43	16.43
	INVERTER	MV19	519745.15	4882089.95	2	0	0	89.1	89.1	1	739.26	3.25	0	68.38	0	0.62	0	0	5.79	0	0	0	0	0	0	14.27	14.27
	INVERTER	MV47	519833.32	4883254.23	2	0	0	89.1	89.1	1	1757.07	3.25	0	75.9	0	0.85	0	0	7.64	0	0	0	0	0	0	4.67	4.67
	SUBSTATION TRANSFORMER	TRS	519493.37	4883252.44	3.5	0	0	87.9	87.9	1	1656.71	4	0	75.38	0	-0.73	0	0	3.77	0	0	0	0	0	0	9.45	9.45
	LINE REACTOR	LR	519485	4883285	6.8	0	0	82	82	1	1687.05	5.65	0	75.54	0	-1.06	0	0	3.82	0	0	0	0	0	0	3.67	3.67
	INV TRANSFORMER	MV7T	519193.49	4881999.67	2	0	0	68.7	68.7	1	372.55	3.25	0	62.42	0	0.22	0	0	1.12	0	0	0	0	0	0	4.91	4.91

INV TRANSFORMER	MV3T	518997.12	4882029.67	2	0	0	69.6	69.6	1	436.51	3.25	0	63.8	0	0.2	0	0	1.28	0	0	0	0	0	0	4.3	4.3
INV TRANSFORMER	MV10T	519382.94	4882009.67	2	0	0	68.7	68.7	1	438.04	3.25	0	63.83	0	0.2	0	0	1.28	0	0	0	0	0	0	3.37	3.37
INV TRANSFORMER	MV6T	519158.97	4882199.67	2	0	0	68.7	68.7	1	571.74	3.25	0	66.14	0	0.19	0	0	1.6	0	0	0	0	0	0	0.75	0.75
INV TRANSFORMER	MV2T	518972.91	4882169.67	2	0	0	68.7	68.7	1	575.73	3.25	0	66.2	0	0.19	0	0	1.61	0	0	0	0	0	0	0.68	0.68
INV TRANSFORMER	MV15T	519559.49	4882054.55	2	0	0	68.7	68.7	1	578.98	3.25	0	66.25	0	0.19	0	0	1.61	0	0	0	0	0	0	0.62	0.62
INV TRANSFORMER	MV14T	519548.51	4882219.67	2	0	0	68.7	68.7	1	703.47	3.25	0	67.94	0	0.21	0	0	1.89	0	0	0	0	0	0	-1.37	-1.37
INV TRANSFORMER	MV19T	519745.65	4882084.15	2	0	0	68.7	68.7	1	736.04	3.25	0	68.34	0	0.22	0	0	1.97	0	0	0	0	0	0	-1.84	-1.84
INV TRANSFORMER	MV1T	518941.79	4882349.67	2	0	0	68.7	68.7	1	756.3	3.25	0	68.57	0	0.22	0	0	2.01	0	0	0	0	0	0	-2.13	-2.13
INV TRANSFORMER	MV5T	519126.12	4882389.67	2	0	0	68.7	68.7	1	762.82	3.25	0	68.65	0	0.22	0	0	2.02	0	0	0	0	0	0	-2.22	-2.22
INV TRANSFORMER	MV9T	519310.48	4882429.67	2	0	0	68.7	68.7	1	814.23	3.25	0	69.21	0	0.23	0	0	2.13	0	0	0	0	0	0	-2.9	-2.9
INV TRANSFORMER	MV18T	519724.16	4882309.67	2	0	0	68.7	68.7	1	879.77	3.25	0	69.89	0	0.25	0	0	2.27	0	0	0	0	0	0	-3.73	-3.73
INV TRANSFORMER	MV13T	519508.74	4882449.67	2	0	0	68.7	68.7	1	889.52	3.25	0	69.98	0	0.25	0	0	2.29	0	0	0	0	0	0	-3.85	-3.85
INV TRANSFORMER	MV4T	519089.32	4882601.01	2	0	0	68.7	68.7	1	976.19	3.25	0	70.79	0	0.27	0	0	2.47	0	0	0	0	0	0	-4.86	-4.86
INV TRANSFORMER	MV8T	519258.81	4882625.3	2	0	0	68.7	68.7	1	1001.43	3.25	0	71.01	0	0.28	0	0	2.52	0	0	0	0	0	0	-5.14	-5.14
INV TRANSFORMER	MV17T	519691.37	4882499.67	2	0	0	68.7	68.7	1	1016.72	3.25	0	71.14	0	0.28	0	0	2.55	0	0	0	0	0	0	-5.3	-5.3
INV TRANSFORMER	MV11T	519370.5	4882770.13	2	0	0	69.6	69.6	1	1159.95	3.25	0	72.29	0	0.32	0	0	2.84	0	0	0	0	0	0	-5.87	-5.87
INV TRANSFORMER	MV12T	519470.22	4882671.01	2	0	0	68.7	68.7	1	1085.91	3.25	0	71.72	0	0.3	0	0	2.69	0	0	0	0	0	0	-6.03	-6.03
INV TRANSFORMER	MV16T	519639.98	4882695.3	2	0	0	68.7	68.7	1	1167	3.25	0	72.34	0	0.32	0	0	2.85	0	0	0	0	0	0	-6.84	-6.84
INV TRANSFORMER	MV46T	519569.03	4883256.08	2	0	0	69.6	69.6	1	1676.74	3.25	0	75.49	0	0.46	0	0	3.8	0	0	0	0	0	0	-10.17	-10.17
INV TRANSFORMER	MV47T	519833.6	4883248.41	2	0	0	68.7	68.7	1	1751.79	3.25	0	75.87	0	0.48	0	0	3.94	0	0	0	0	0	0	-11.61	-11.61
mit. Value D/N: 0	0																									
Level D/N: 37.0559	37.0559																									

Receiver: Vacant Lot Noise Receptor
ID: VLR1
X: 518133
Y: 4881463
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	INVERTER	MV2	518973.41	4882163.86	2	0	0	100.3	100.3	1	1094.3	3.25	0	71.78	0	-0.2	0	0	11.21	0	0	0	0	0	0	17.52	17.52
	INVERTER	MV7	519193.98	4881993.86	2	0	0	100.3	100.3	1	1186.39	3.25	0	72.48	0	-0.16	0	0	11.49	0	0	0	0	0	0	16.5	16.5
	INVERTER	MV1	518942.28	4882343.86	2	0	0	100.3	100.3	1	1196.19	3.25	0	72.56	0	-0.16	0	0	11.51	0	0	0	0	0	0	16.4	16.4
	INVERTER	MV6	519159.47	4882193.86	2	0	0	100.3	100.3	1	1260.08	3.25	0	73.01	0	-0.13	0	0	11.7	0	0	0	0	0	0	15.74	15.74
	INVERTER	MV5	519126.62	4882383.86	2	0	0	100.3	100.3	1	1354.72	3.25	0	73.64	0	-0.09	0	0	11.95	0	0	0	0	0	0	14.81	14.81
	INVERTER	MV10	519383.44	4882003.86	2	0	0	100.3	100.3	1	1362.4	3.25	0	73.69	0	-0.09	0	0	11.97	0	0	0	0	0	0	14.74	14.74
	INVERTER	MV3	518997.61	4882023.86	2	0	0	97.3	97.3	1	1030.6	3.25	0	71.26	0	-0.23	0	0	11.01	0	0	0	0	0	0	15.27	15.27
	INVERTER	MV4	519089.82	4882595.21	2	0	0	100.3	100.3	1	1482.36	3.25	0	74.42	0	-0.04	0	0	12.28	0	0	0	0	0	0	13.65	13.65
	INVERTER	MV9	519310.97	4882423.86	2	0	0	100.3	100.3	1	1520.16	3.25	0	74.64	0	-0.03	0	0	12.37	0	0	0	0	0	0	13.33	13.33
	INVERTER	MV15	519559	4882060.35	2	0	0	100.3	100.3	1	1546.06	3.25	0	74.78	0	-0.02	0	0	12.44	0	0	0	0	0	0	13.11	13.11
	INVERTER	MV14	519549.01	4882213.86	2	0	0	100.3	100.3	1	1602.77	3.25	0	75.1	0	0	0	0	12.57	0	0	0	0	0	0	12.64	12.64
	INVERTER	MV8	519258.31	4882631.1	2	0	0	100.3	100.3	1	1621.97	3.25	0	75.2	0	0.01	0	0	12.62	0	0	0	0	0	0	12.48	12.48
	INVERTER	MV13	519509.24	4882443.86	2	0	0	100.3	100.3	1	1690.01	3.25	0	75.56	0	0.03	0	0	12.78	0	0	0	0	0	0	11.94	11.94
	INVERTER	MV12	519470.71	4882665.21	2	0	0	100.3	100.3	1	1798.55	3.25	0	76.1	0	0.07	0	0	13.03	0	0	0	0	0	0	11.12	11.12
	INVERTER	MV18	519724.65	4882303.86	2	0	0	100.3	100.3	1	1800.12	3.25	0	76.11	0	0.07	0	0	13.03	0	0	0	0	0	0	11.11	11.11
	INVERTER	MV17	519691.86	4882493.86	2	0	0	100.3	100.3	1	1868.89	3.25	0	76.43	0	0.09	0	0	13.18	0	0	0	0	0	0	10.61	10.61
	INVERTER	MV16	519639.48	4882701.1	2	0	0	100.3	100.3	1	1949.97	3.25	0	76.8	0	0.11	0	0	13.36	0	0	0	0	0	0	10.04	10.04
	INVERTER	MV11	519364.7	4882769.62	2	0	0	97.3	97.3	1	1795.64	3.25	0	76.08	0	0.07	0	0	13.02	0	0	0	0	0	0	8.14	8.14
	INVERTER	MV19	519745.15	4882089.95	2	0	0	89.1	89.1	1	1729.77	3.25	0	75.76	0	0.84	0	0	7.6	0	0	0	0	0	0	4.86	4.86
	INV TRANSFORMER	MV3T	518997.12	4882029.67	2	0	0	69.6	69.6	1	1033.35	3.25	0	71.28	0	0.29	0	0	2.59	0	0	0	0	0	0	-4.58	-4.58
	INV TRANSFORMER	MV2T	518972.91	4882169.67	2	0	0	68.7	68.7	1	1097.65	3.25	0	71.81	0	0.3	0	0	2.72	0	0	0	0	0	0	-6.15	-6.15
	INV TRANSFORMER	MV7T	519193.49	4881999.67	2	0	0	68.7	68.7	1	1188.55	3.25	0	72.5	0	0.33	0	0	2.89	0	0	0	0	0	0	-7.05	-7.05
	INV TRANSFORMER	MV1T	518941.79	4882349.67	2	0	0	68.7	68.7	1	1200.14	3.25	0	72.58	0	0.33	0	0	2.92	0	0	0	0	0	0	-7.16	-7.16
	INV TRANSFORMER	MV6T	519158.97	4882199.67	2	0	0	68.7	68.7	1	1263.05	3.25	0	73.03	0	0.35	0	0	3.04	0	0	0	0	0	0	-7.74	-7.74
	INV TRANSFORMER	MV5T	519126.12	4882389.67	2	0	0	68.7	68.7	1	1358.31	3.25	0	73.66	0	0.37	0	0	3.22	0	0	0	0	0	0	-8.58	-8.58
	INV TRANSFORMER	MV10T	519382.94	4882009.67	2	0	0	68.7	68.7	1	1364.26	3.25	0	73.7	0	0.37	0	0	3.23	0	0	0	0	0	0	-8.63	-8.63
	INV TRANSFORMER	MV4T	519089.32	4882601.01	2	0	0	68.7	68.7	1	1486.48	3.25	0	74.44	0	0.41	0	0	3.46	0	0	0	0	0	0	-9.63	-9.63
	INV TRANSFORMER	MV9T	519310.48	4882429.67	2	0	0	68.7	68.7	1	1523.45	3.25	0	74.66	0	0.42	0	0	3.53	0	0	0	0	0	0	-9.92	-9.92
	INV TRANSFORMER	MV15T	519559.49	4882054.55	2	0	0	68.7	68.7	1	1544.29	3.25	0	74.77	0	0.42	0	0	3.56	0	0	0	0	0	0	-10.08	-10.08
	INV TRANSFORMER	MV14T	519548.51	4882219.67	2	0	0	68.7	68.7	1	1605.06	3.25	0	75.11	0	0.44	0	0	3.68	0	0	0	0	0	0	-10.55	-10.55
	INV TRANSFORMER	MV8T	519258.81	4882625.3	2	0	0	68.7	68.7	1	1618.14	3.25	0	75.18	0	0.44	0	0	3.7	0	0	0	0	0	0	-10.64	-10.64
	INV TRANSFORMER	MV11T	519370.5	4882770.13	2	0	0	69.6	69.6	1	1800	3.25	0	76.11	0	0.49	0	0	4.02	0	0	0	0	0	0	-11.04	-11.04
	INV TRANSFORMER	MV13T	519508.74	4882449.67	2	0	0	68.7	68.7	1	1692.98	3.25	0	75.57	0	0.46	0	0	3.83	0	0	0	0	0	0	-11.19	-11.19
	INV TRANSFORMER	MV19T	519745.65	4882084.15	2	0	0	68.7	68.7	1	1728.14	3.25	0	75.75	0	0.47	0	0	3.9	0	0	0	0	0	0	-11.44	-11.44
	INV TRANSFORMER	MV12T	519470.22	4882671.01	2	0	0	68.7	68.7	1	1802.07	3.25	0	76.12	0	0.49	0	0	4.03	0	0	0	0	0	0	-11.95	-11.95
	INV TRANSFORMER	MV18T	519724.16	4882309.67	2	0	0	68.7	68.7	1	1802.4	3.25	0	76.12	0	0.49	0	0	4.03	0	0	0	0	0	0	-11.96	-11.96
	INV TRANSFORMER	MV17T	519691.37	4882499.67	2	0	0	68.7	68.7	1	1871.68	3.25	0	76.44	0	0.51	0	0	4.15	0	0	0	0	0	0	-12.42	-12.42
	INV TRANSFORMER	MV16T	519639.98	4882695.3	2	0	0	68.7	68.7	1	1946.68	3.25	0	76.79	0	0.53	0	0	4.28	0	0	0	0	0	0	-12.91	-12.91
mit. Value D/N: 0	0																										
Level D/N: 26.5534	26.5534																										

Receiver: Vacant Lot Noise Receptor
ID: VLR2
X: 519108
Y: 4881632
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	INVERTER	MV7	519193.98	4881993.86	2	0	0	100.3	100.3	1	371.95	3.25	0	62.41	0	-0.63	0	0	7.31	0	0	0	0	0	0	31.22	31.22
	INVERTER	MV10	519383.44	4882003.86	2	0	0	100.3	100.3	1	462.77	3.25	0	64.31	0	-0.58	0	0	8.22	0	0	0	0	0	0	28.36	28.36
	INVERTER	MV2	518973.41	4882163.86	2	0	0	100.3	100.3	1	548.64	3.25	0	65.79	0	-0.52	0	0	8.88	0	0	0	0	0	0	26.16	26.16
	INVERTER	MV6	519159.47	4882193.86	2	0	0	100.3	100.3	1	564.22	3.25	0	66.03	0	-0.5	0	0	8.98	0	0	0	0	0	0	25.81	25.81
	INVERTER	MV3	518997.61	4882023.86	2	0	0	97.3	97.3	1	407.12	3.25	0	63.19	0	-0.62	0	0	7.7	0	0	0	0	0	0	27.04	27.04
	INVERTER	MV15	519559	4882060.35	2	0	0	100.3	100.3	1	622.01	3.25	0	66.88	0	-0.46	0	0	9.33	0	0	0	0	0	0	24.57	24.57
	INVERTER	MV14	519549.01	4882213.86	2	0	0	100.3	100.3	1	730.11	3.25	0	68.27	0	-0.39	0	0	9.88	0	0	0	0	0	0	22.56	22.56
	INVERTER	MV1	518942.28	4882343.86	2	0	0	100.3	100.3	1	730.9	3.25	0	68.28	0	-0.39	0	0	9.88	0	0	0	0	0	0	22.54	22.54
	INVERTER	MV5	519126.62	4882383.86	2	0	0	100.3	100.3	1	752.1	3.25	0	68.53	0	-0.38	0	0	9.98	0	0	0	0	0	0	22.19	22.19
	INVERTER	MV9	519310.97	4882423.86	2	0	0	100.3	100.3	1	817.47	3.25	0	69.25	0	-0.34	0	0	10.25	0	0	0	0	0	0	21.15	21.15
	INVERTER	MV13	519509.24	4882443.86	2	0	0	100.3	100.3	1	905.61	3.25	0	70.14	0	-0.29	0	0	10.59	0	0	0	0	0	0	19.88	19.88
	INVERTER	MV18	519724.65	4882303.86	2	0	0	100.3	100.3	1	911.96	3.25	0	70.2	0	-0.29	0	0	10.61	0	0	0	0	0	0	19.79	19.79
	INVERTER	MV4	519089.82	4882595.21	2	0	0	100.3	100.3	1	963.38	3.25	0	70.68	0	-0.26	0	0	10.79	0	0	0	0	0	0	19.11	19.11
	INVERTER	MV8	519258.31	4882631.1	2	0	0	100.3	100.3	1	1010.35	3.25	0	71.09	0	-0.24	0	0	10.95	0	0	0	0	0	0	18.52	18.52
	INVERTER	MV17	519691.86	4882493.86	2	0	0	100.3	100.3	1	1041.02	3.25	0	71.35	0	-0.23	0	0	11.04	0	0	0	0	0	0	18.15	18.15
	INVERTER	MV12	519470.71	4882665.21	2	0	0	100.3	100.3	1	1095.03	3.25	0	71.79	0	-0.2	0	0	11.21	0	0	0	0	0	0	17.51	17.51
	INVERTER	MV16	519639.48	4882701.1	2	0	0	100.3	100.3	1	1193.93	3.25	0	72.54	0	-0.16	0	0	11.51	0	0	0	0	0	0	16.42	16.42
	INVERTER	MV11	519364.7	4882769.62	2	0	0	97.3	97.3	1	1166.22	3.25	0	72.34	0	-0.17	0	0	11.43	0	0	0	0	0	0	13.72	13.72
	INVERTER	MV46	519569.31	4883250.26	2	0	0	97.3	97.3	1	1682.73	3.25	0	75.52	0	0.03	0	0	12.76	0	0	0	0	0	0	9	9
	DSTATCOM UNIT	DSTAT	519479.25	4883282.56	2.5	0	0	96.6	96.6	1	1691.79	3.5	0	75.57	0	3.16	0	0	1.53	0	0	0	0	0	0	16.38	16.38
	INVERTER	MV19	519745.15	4882089.95	2	0	0	89.1	89.1	1	784.66	3.25	0	68.89	0	0.64	0	0	5.89	0	0	0	0	0	0	13.64	13.64
	INVERTER	MV47	519833.32	4883254.23	2	0	0	89.1	89.1	1	1777	3.25	0	75.99	0	0.86	0	0	7.68	0	0	0	0	0	0	4.53	4.53
	SUBSTATION TRANSFORMER	TRS	519493.37	4883252.44	3.5	0	0	87.9	87.9	1	1665.63	4	0	75.43	0	-0.73	0	0	3.78	0	0	0	0	0	0	9.39	9.39
	LINE REACTOR	LR	519485	4883285	6.8	0	0	82	82	1	1695.45	5.65	0	75.59	0	-1.06	0	0	3.84	0	0	0	0	0	0	3.61	3.61
	INV TRANSFORMER	MV3T	518997.12	4882029.67	2	0	0	69.6	69.6	1	412.84	3.25	0	63.32	0	0.2	0	0	1.22	0	0	0	0	0	0	4.84	4.84
	INV TRANSFORMER	MV7T	519193.49	4881999.67	2	0	0	68.7	68.7	1	377.48	3.25	0	62.54	0	0.22	0	0	1.13	0	0	0	0	0	0	4.79	4.79
	INV TRANSFORMER	MV10T	519382.94	4882009.67	2	0	0	68.7	68.7	1	467.15	3.25	0	64.39	0	0.19	0	0	1.35	0	0	0	0	0	0	2.74	2.74
	INV TRANSFORMER	MV2T	518972.91	4882169.67	2	0	0	68.7	68.7	1	554.38	3.25	0	65.88	0	0.19	0	0	1.56	0	0	0	0	0	0	1.06	1.06
	INV TRANSFORMER	MV6T	519158.97	4882199.67	2	0	0	68.7	68.7	1	569.96	3.25	0	66.12	0	0.19	0	0	1.59	0	0	0	0	0	0	0.78	0.78
	INV TRANSFORMER	MV15T	519559.49	4882054.55	2	0	0	68.7	68.7	1	618.38	3.25	0	66.83	0	0.19	0	0	1.7	0	0	0	0	0	0	-0.05	-0.05
	INV TRANSFORMER	MV14T	519548.51	4882219.67	2	0	0	68.7	68.7	1	734.44	3.25	0	68.32	0	0.21	0	0	1.96	0	0	0	0	0	0	-1.82	-1.82
	INV TRANSFORMER	MV1T	518941.79	4882349.67	2	0	0	68.7	68.7	1	736.67	3.25	0	68.35	0	0.22	0	0	1.97	0	0	0	0	0	0	-1.85	-1.85
	INV TRANSFORMER	MV5T	519126.12	4882389.67	2	0	0	68.7	68.7	1	757.89	3.25	0	68.59	0	0.22	0	0	2.01	0	0	0	0	0	0	-2.15	-2.15
	INV TRANSFORMER	MV19T	519745.65	4882084.15	2	0	0	68.7	68.7	1	781.69	3.25	0	68.86	0	0.23	0	0	2.06	0	0	0	0	0	0	-2.47	-2.47
	INV TRANSFORMER	MV9T	519310.48	4882429.67	2	0	0	68.7	68.7	1	822.97	3.25	0	69.31	0	0.24	0	0	2.15	0	0	0	0	0	0	-3.02	-3.02
	INV TRANSFORMER	MV13T	519508.74	4882449.67	2	0	0	68.7	68.7	1	910.59	3.25	0	70.19	0	0.26	0	0	2.34	0	0	0	0	0	0	-4.1	-4.1
	INV TRANSFORMER	MV18T	519724.16	4882309.67	2	0	0	68.7	68.7	1	915.91	3.25	0	70.24	0	0.26	0	0	2.35	0	0	0	0	0	0	-4.17	-4.17
	INV TRANSFORMER	MV4T	519089.32	4882601.01	2	0	0	68.7	68.7	1	969.19	3.25	0	70.73	0	0.27	0	0	2.46	0	0	0	0	0	0	-4.78	-4.78
	INV TRANSFORMER	MV8T	519258.81	4882625.3	2	0	0	68.7	68.7	1	1004.68	3.25	0	71.04	0	0.28	0	0	2.53	0	0	0	0	0	0	-5.17	-5.17
	INV TRANSFORMER	MV17T	519691.37	4882499.67	2	0	0	68.7	68.7	1	1045.55	3.25	0	71.39	0	0.29	0	0	2.61	0	0	0	0	0	0	-5.61	-5.61
	INV TRANSFORMER	MV11T	519370.5	4882770.13	2	0	0	69.6	69.6	1	1168.02	3.25	0	72.35	0	0.32	0	0	2.85	0	0	0	0	0	0	-5.95	-5.95
	INV TRANSFORMER	MV12T	519470.22	4882671.01	2	0	0	68.7	68.7	1	1100.34	3.25	0	71.83	0	0.3	0	0	2.72	0	0	0	0	0	0	-6.18	-6.18
	INV TRANSFORMER	MV16T	519639.98	4882695.3	2	0	0	68.7	68.7	1	1188.95	3.25	0	72.5	0	0.33	0	0	2.9	0	0	0	0	0	0	-7.05	-7.05
	INV TRANSFORMER	MV46T	519569.03	4883256.08	2	0	0	69.6	69.6	1	1688.25	3.25	0	75.55	0	0.46	0	0	3.82	0	0	0	0	0	0	-10.26	-10.26
	INV TRANSFORMER	MV47T	519833.6	4883248.41	2	0	0	68.7	68.7	1	1771.8	3.25	0	75.97	0	0.48	0	0	3.97	0	0	0	0	0	0	-11.75	-11.75
mit. Value D/N:		0																									
Level D/N:		36.8949																									

Receiver: Vacant Lot Noise Receptor
ID: VLR3
X: 518832
Y: 4881323
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	INVERTER	MV7	519193.98	4881993.86	2	0	0	100.3	100.3	1	762.3	3.25	0	68.64	0	-0.37	0	0	10.02	0	0	0	0	0	0	22.02	22.02
	INVERTER	MV2	518973.41	4882163.86	2	0	0	100.3	100.3	1	852.67	3.25	0	69.62	0	-0.32	0	0	10.39	0	0	0	0	0	0	20.63	20.63
	INVERTER	MV10	519383.44	4882003.86	2	0	0	100.3	100.3	1	876.17	3.25	0	69.85	0	-0.31	0	0	10.48	0	0	0	0	0	0	20.29	20.29
	INVERTER	MV6	519159.47	4882193.86	2	0	0	100.3	100.3	1	930.4	3.25	0	70.37	0	-0.28	0	0	10.67	0	0	0	0	0	0	19.55	19.55
	INVERTER	MV3	518997.61	4882023.86	2	0	0	97.3	97.3	1	720.17	3.25	0	68.15	0	-0.4	0	0	9.83	0	0	0	0	0	0	19.73	19.73
	INVERTER	MV1	518942.28	4882343.86	2	0	0	100.3	100.3	1	1026.81	3.25	0	71.23	0	-0.23	0	0	11	0	0	0	0	0	0	18.32	18.32
	INVERTER	MV15	519559	4882060.35	2	0	0	100.3	100.3	1	1035.48	3.25	0	71.3	0	-0.23	0	0	11.03	0	0	0	0	0	0	18.21	18.21
	INVERTER	MV5	519126.62	4882383.86	2	0	0	100.3	100.3	1	1101.02	3.25	0	71.84	0	-0.2	0	0	11.23	0	0	0	0	0	0	17.44	17.44

INVERTER	MV14	519549.01	4882213.86	2	0	0	100.3	100.3	1	1143.57	3.25	0	72.17	0	-0.18	0	0	11.36	0	0	0	0	0	0	16.97	16.97
INVERTER	MV9	519310.97	4882423.86	2	0	0	100.3	100.3	1	1200.55	3.25	0	72.59	0	-0.15	0	0	11.53	0	0	0	0	0	0	16.35	16.35
INVERTER	MV4	519089.82	4882595.21	2	0	0	100.3	100.3	1	1298.07	3.25	0	73.27	0	-0.11	0	0	11.8	0	0	0	0	0	0	15.36	15.36
INVERTER	MV13	519509.24	4882443.86	2	0	0	100.3	100.3	1	1309.58	3.25	0	73.34	0	-0.11	0	0	11.83	0	0	0	0	0	0	15.25	15.25
INVERTER	MV18	519724.65	4882303.86	2	0	0	100.3	100.3	1	1326.25	3.25	0	73.45	0	-0.1	0	0	11.88	0	0	0	0	0	0	15.08	15.08
INVERTER	MV8	519258.31	4882631.1	2	0	0	100.3	100.3	1	1375.82	3.25	0	73.77	0	-0.08	0	0	12.01	0	0	0	0	0	0	14.61	14.61
INVERTER	MV17	519691.86	4882493.86	2	0	0	100.3	100.3	1	1452.69	3.25	0	74.24	0	-0.05	0	0	12.21	0	0	0	0	0	0	13.91	13.91
INVERTER	MV12	519470.71	4882665.21	2	0	0	100.3	100.3	1	1486.43	3.25	0	74.44	0	-0.04	0	0	12.29	0	0	0	0	0	0	13.62	13.62
INVERTER	MV16	519639.48	4882701.1	2	0	0	100.3	100.3	1	1597.25	3.25	0	75.07	0	0	0	0	12.56	0	0	0	0	0	0	12.68	12.68
INVERTER	MV11	519364.7	4882769.62	2	0	0	97.3	97.3	1	1541.58	3.25	0	74.76	0	-0.02	0	0	12.43	0	0	0	0	0	0	10.14	10.14
INVERTER	MV19	519745.15	4882089.95	2	0	0	89.1	89.1	1	1192.51	3.25	0	72.53	0	0.73	0	0	6.67	0	0	0	0	0	0	9.13	9.13
INV TRANSFORMER	MV3T	518997.12	4882029.67	2	0	0	69.6	69.6	1	725.71	3.25	0	68.22	0	0.21	0	0	1.94	0	0	0	0	0	0	-0.79	-0.79
INV TRANSFORMER	MV7T	519193.49	4881999.67	2	0	0	68.7	68.7	1	767.18	3.25	0	68.7	0	0.22	0	0	2.03	0	0	0	0	0	0	-2.28	-2.28
INV TRANSFORMER	MV2T	518972.91	4882169.67	2	0	0	68.7	68.7	1	858.32	3.25	0	69.67	0	0.24	0	0	2.23	0	0	0	0	0	0	-3.47	-3.47
INV TRANSFORMER	MV10T	519382.94	4882009.67	2	0	0	68.7	68.7	1	880.37	3.25	0	69.89	0	0.25	0	0	2.27	0	0	0	0	0	0	-3.74	-3.74
INV TRANSFORMER	MV6T	519158.97	4882199.67	2	0	0	68.7	68.7	1	935.66	3.25	0	70.42	0	0.26	0	0	2.39	0	0	0	0	0	0	-4.4	-4.4
INV TRANSFORMER	MV15T	519559.49	4882054.55	2	0	0	68.7	68.7	1	1031.7	3.25	0	71.27	0	0.29	0	0	2.58	0	0	0	0	0	0	-5.47	-5.47
INV TRANSFORMER	MV1T	518941.79	4882349.67	2	0	0	68.7	68.7	1	1032.52	3.25	0	71.28	0	0.29	0	0	2.59	0	0	0	0	0	0	-5.47	-5.47
INV TRANSFORMER	MV5T	519126.12	4882389.67	2	0	0	68.7	68.7	1	1106.48	3.25	0	71.88	0	0.31	0	0	2.73	0	0	0	0	0	0	-6.24	-6.24
INV TRANSFORMER	MV14T	519548.51	4882219.67	2	0	0	68.7	68.7	1	1147.78	3.25	0	72.2	0	0.32	0	0	2.82	0	0	0	0	0	0	-6.65	-6.65
INV TRANSFORMER	MV19T	519745.65	4882084.15	2	0	0	68.7	68.7	1	1189.16	3.25	0	72.5	0	0.33	0	0	2.9	0	0	0	0	0	0	-7.05	-7.05
INV TRANSFORMER	MV9T	519310.48	4882429.67	2	0	0	68.7	68.7	1	1205.68	3.25	0	72.62	0	0.33	0	0	2.93	0	0	0	0	0	0	-7.21	-7.21
INV TRANSFORMER	MV4T	519089.32	4882601.01	2	0	0	68.7	68.7	1	1303.66	3.25	0	73.3	0	0.36	0	0	3.12	0	0	0	0	0	0	-8.1	-8.1
INV TRANSFORMER	MV13T	519508.74	4882449.67	2	0	0	68.7	68.7	1	1314.29	3.25	0	73.37	0	0.36	0	0	3.14	0	0	0	0	0	0	-8.19	-8.19
INV TRANSFORMER	MV18T	519724.16	4882309.67	2	0	0	68.7	68.7	1	1330.21	3.25	0	73.48	0	0.36	0	0	3.17	0	0	0	0	0	0	-8.33	-8.33
INV TRANSFORMER	MV8T	519258.81	4882625.3	2	0	0	68.7	68.7	1	1370.46	3.25	0	73.74	0	0.38	0	0	3.24	0	0	0	0	0	0	-8.68	-8.68
INV TRANSFORMER	MV11T	519370.5	4882770.13	2	0	0	69.6	69.6	1	1544.08	3.25	0	74.77	0	0.42	0	0	3.56	0	0	0	0	0	0	-9.18	-9.18
INV TRANSFORMER	MV17T	519691.37	4882499.67	2	0	0	68.7	68.7	1	1457.08	3.25	0	74.27	0	0.4	0	0	3.4	0	0	0	0	0	0	-9.4	-9.4
INV TRANSFORMER	MV12T	519470.22	4882671.01	2	0	0	68.7	68.7	1	1491.46	3.25	0	74.47	0	0.41	0	0	3.47	0	0	0	0	0	0	-9.67	-9.67
INV TRANSFORMER	MV16T	519639.98	4882695.3	2	0	0	68.7	68.7	1	1592.49	3.25	0	75.04	0	0.43	0	0	3.65	0	0	0	0	0	0	-10.45	-10.45

mit. Value D/N: 0 0

Level D/N: 30.2822 30.2822

Receiver: Vacant Lot Noise Receptor

ID: VLR4

X: 518493

Y: 4882602

Z: 4.5

Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	INVERTER	MV1	518942.28	4882343.86	2	0	0	100.3	100.3	1	518.17	3.25	0	65.29	0	-0.54	0	0	8.66	0	0	0	0	0	0	26.9	26.9
	INVERTER	MV4	519089.82	4882595.21	2	0	0	100.3	100.3	1	596.86	3.25	0	66.52	0	-0.48	0	0	9.18	0	0	0	0	0	0	25.09	25.09
	INVERTER	MV2	518973.41	4882163.86	2	0	0	100.3	100.3	1	650.2	3.25	0	67.26	0	-0.44	0	0	9.49	0	0	0	0	0	0	24.01	24.01
	INVERTER	MV5	519126.62	4882383.86	2	0	0	100.3	100.3	1	670.12	3.25	0	67.52	0	-0.43	0	0	9.59	0	0	0	0	0	0	23.63	23.63
	INVERTER	MV8	519258.31	4882631.1	2	0	0	100.3	100.3	1	765.87	3.25	0	68.68	0	-0.37	0	0	10.04	0	0	0	0	0	0	21.96	21.96
	INVERTER	MV6	519159.47	4882193.86	2	0	0	100.3	100.3	1	781.51	3.25	0	68.86	0	-0.36	0	0	10.1	0	0	0	0	0	0	21.71	21.71
	INVERTER	MV9	519310.97	4882423.86	2	0	0	100.3	100.3	1	837.15	3.25	0	69.46	0	-0.33	0	0	10.33	0	0	0	0	0	0	20.86	20.86
	INVERTER	MV7	519193.98	4881993.86	2	0	0	100.3	100.3	1	928.02	3.25	0	70.35	0	-0.28	0	0	10.67	0	0	0	0	0	0	19.58	19.58
	INVERTER	MV12	519470.71	4882665.21	2	0	0	100.3	100.3	1	979.76	3.25	0	70.82	0	-0.26	0	0	10.84	0	0	0	0	0	0	18.9	18.9
	INVERTER	MV13	519509.24	4882443.86	2	0	0	100.3	100.3	1	1028.47	3.25	0	71.24	0	-0.23	0	0	11	0	0	0	0	0	0	18.3	18.3
	INVERTER	MV10	519383.44	4882003.86	2	0	0	100.3	100.3	1	1072.69	3.25	0	71.61	0	-0.21	0	0	11.14	0	0	0	0	0	0	17.77	17.77
	INVERTER	MV3	518997.61	4882023.86	2	0	0	97.3	97.3	1	767.39	3.25	0	68.7	0	-0.37	0	0	10.04	0	0	0	0	0	0	18.94	18.94
	INVERTER	MV14	519549.01	4882213.86	2	0	0	100.3	100.3	1	1125.08	3.25	0	72.02	0	-0.19	0	0	11.31	0	0	0	0	0	0	17.17	17.17
	INVERTER	MV16	519639.48	4882701.1	2	0	0	100.3	100.3	1	1150.76	3.25	0	72.22	0	-0.18	0	0	11.38	0	0	0	0	0	0	16.89	16.89
	INVERTER	MV15	519559	4882060.35	2	0	0	100.3	100.3	1	1195.72	3.25	0	72.55	0	-0.16	0	0	11.51	0	0	0	0	0	0	16.4	16.4
	INVERTER	MV17	519691.86	4882493.86	2	0	0	100.3	100.3	1	1203.73	3.25	0	72.61	0	-0.15	0	0	11.54	0	0	0	0	0	0	16.32	16.32
	INVERTER	MV11	519364.7	4882769.62	2	0	0	97.3	97.3	1	887.67	3.25	0	69.97	0	-0.3	0	0	10.52	0	0	0	0	0	0	17.13	17.13
	INVERTER	MV18	519724.65	4882303.86	2	0	0	100.3	100.3	1	1267.23	3.25	0	73.06	0	-0.13	0	0	11.72	0	0	0	0	0	0	15.67	15.67
	INVERTER	MV46	519569.31	4883250.26	2	0	0	97.3	97.3	1	1256.46	3.25	0	72.98	0	-0.13	0	0	11.69	0	0	0	0	0	0	12.77	12.77
	DSTATCOM UNIT	DSTAT	519479.25	4883282.56	2.5	0	0	96.6	96.6	1	1198.27	3.5	0	72.57	0	3.02	0	0	1.21	0	0	0	0	0	0	19.83	19.83
	INVERTER	MV19	519745.15	4882089.95	2	0	0	89.1	89.1	1	1352.81	3.25	0	73.62	0	0.76	0	0	6.95	0	0	0	0	0	0	7.72	7.72
	SUBSTATION TRANSFORMER	TRS	519493.37	4883252.44	3.5	0	0	87.9	87.9	1	1193.24	4	0	72.53	0	-0.79	0	0	2.9	0	0	0	0	0	0	13.23	13.23
	INVERTER	MV47	519833.32	4883254.23	2	0	0	89.1	89.1	1	1490.6	3.25	0	74.47	0	0.79	0	0	7.19	0	0	0	0	0	0	6.61	6.61
	LINE REACTOR	LR	519485	4883285	6.8	0	0	82	82	1	1204.39	5.65	0	72.62	0	-1.06	0	0	2.93	0	0	0	0	0	0	7.49	7.49
	INV TRANSFORMER	MV1T	518941.79	4882349.67	2	0	0	68.7	68.7	1	514.87	3.25	0	65.23	0	0.19	0	0	1.47	0	0	0	0	0	0	1.79	1.79
	INV TRANSFORMER	MV4T	519089.32	4882601.01	2	0	0	68.7	68.7	1	596.33	3.25	0	66.51	0	0.19	0	0	1.65	0	0	0	0	0	0	0.32	0.32
	INV TRANSFORMER	MV2T	518972.91	4882169.67	2	0	0	68.7	68.7	1	645.94	3.25	0	67.2	0	0.2	0	0	1.77	0	0	0	0	0	0	-0.49	-0.49
	INV TRANSFORMER	MV5T	519126.12	4882389.67	2	0	0	68.7	68.7	1	667.78	3.25	0	67.49	0	0.2	0	0	1.81	0	0	0	0	0	0	-0.83	-0.83
	INV TRANSFORMER	MV3T	518997.12	4882029.67	2	0	0	69.6	69.6	1	762.7	3.25	0	68.65	0	0.22	0	0	2.02	0	0	0	0	0	0	-1.31	-1.31
	INV TRANSFORMER	MV8T	519258.81	4882625.3	2	0	0	68.7	68.7	1	766.17	3.25	0	68.69	0	0.22	0	0	2.03	0	0	0	0	0	0	-2.26	-2.26
	INV TRANSFORMER	MV6T	519158.97	4882199.67	2	0	0	68.7	68.7	1	778.07	3.25	0	68.82	0	0.22	0	0	2.06	0	0	0	0	0	0	-2.42	-2.42

INV TRANSFORMER	MV11T	519370.5	4882770.13	2	0	0	69.6	69.6	1	893.47	3.25	0	70.02	0	0.25	0	0	2.3	0	0	0	0	0	0	-3	-3
INV TRANSFORMER	MV9T	519310.48	4882429.67	2	0	0	68.7	68.7	1	835.45	3.25	0	69.44	0	0.24	0	0	2.18	0	0	0	0	0	0	-3.18	-3.18
INV TRANSFORMER	MV7T	519193.49	4881999.67	2	0	0	68.7	68.7	1	923.85	3.25	0	70.31	0	0.26	0	0	2.36	0	0	0	0	0	0	-4.26	-4.26
INV TRANSFORMER	MV12T	519470.22	4882671.01	2	0	0	68.7	68.7	1	979.66	3.25	0	70.82	0	0.27	0	0	2.48	0	0	0	0	0	0	-4.9	-4.9
INV TRANSFORMER	MV13T	519508.74	4882449.67	2	0	0	68.7	68.7	1	1027.1	3.25	0	71.23	0	0.29	0	0	2.57	0	0	0	0	0	0	-5.42	-5.42
INV TRANSFORMER	MV10T	519382.94	4882009.67	2	0	0	68.7	68.7	1	1069.05	3.25	0	71.58	0	0.3	0	0	2.66	0	0	0	0	0	0	-5.86	-5.86
INV TRANSFORMER	MV14T	519548.51	4882219.67	2	0	0	68.7	68.7	1	1122.62	3.25	0	72	0	0.31	0	0	2.77	0	0	0	0	0	0	-6.4	-6.4
INV TRANSFORMER	MV46T	519569.03	4883256.08	2	0	0	69.6	69.6	1	1259.23	3.25	0	73	0	0.35	0	0	3.03	0	0	0	0	0	0	-6.8	-6.8
INV TRANSFORMER	MV16T	519639.98	4882695.3	2	0	0	68.7	68.7	1	1150.77	3.25	0	72.22	0	0.32	0	0	2.82	0	0	0	0	0	0	-6.68	-6.68
INV TRANSFORMER	MV15T	519559.49	4882054.55	2	0	0	68.7	68.7	1	1198.8	3.25	0	72.57	0	0.33	0	0	2.91	0	0	0	0	0	0	-7.14	-7.14
INV TRANSFORMER	MV17T	519691.37	4882499.67	2	0	0	68.7	68.7	1	1202.73	3.25	0	72.6	0	0.33	0	0	2.92	0	0	0	0	0	0	-7.18	-7.18
INV TRANSFORMER	MV18T	519724.16	4882309.67	2	0	0	68.7	68.7	1	1265.39	3.25	0	73.04	0	0.35	0	0	3.04	0	0	0	0	0	0	-7.76	-7.76
INV TRANSFORMER	MV19T	519745.65	4882084.15	2	0	0	68.7	68.7	1	1355.47	3.25	0	73.64	0	0.37	0	0	3.21	0	0	0	0	0	0	-8.55	-8.55
INV TRANSFORMER	MV47T	519833.6	4883248.41	2	0	0	68.7	68.7	1	1488.31	3.25	0	74.45	0	0.41	0	0	3.46	0	0	0	0	0	0	-9.65	-9.65

mit. Value D/N: 0 0

Level D/N: 34.0385 34.0385

Receiver: Vacant Lot Noise Receptor

ID: VLR5

X: 520011

Y: 4883135

Z: 4.5

Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	INVERTER	MV16	519639.48	4882701.1	2	0	0	100.3	100.3	1	571.22	3.25	0	66.14	0	-0.5	0	0	9.03	0	0	0	0	0	0	25.65	25.65
	INVERTER	MV46	519569.31	4883250.26	2	0	0	97.3	97.3	1	456.49	3.25	0	64.19	0	-0.58	0	0	8.17	0	0	0	0	0	0	25.54	25.54
	INVERTER	MV12	519470.71	4882665.21	2	0	0	100.3	100.3	1	715.98	3.25	0	68.1	0	-0.4	0	0	9.81	0	0	0	0	0	0	22.8	22.8
	INVERTER	MV17	519691.86	4882493.86	2	0	0	100.3	100.3	1	716.18	3.25	0	68.1	0	-0.4	0	0	9.81	0	0	0	0	0	0	22.8	22.8
	INVERTER	MV47	519833.32	4883254.23	2	0	0	89.1	89.1	1	213.99	3.25	0	57.61	0	0.34	0	0	3.37	0	0	0	0	0	0	27.74	27.74
	DSTATCOM UNIT	DSTAT	519479.25	4883282.56	2.5	0	0	96.6	96.6	1	551.85	3.5	0	65.84	0	2.29	0	0	0.75	0	0	0	0	0	0	27.75	27.75
	INVERTER	MV13	519509.24	4882443.86	2	0	0	100.3	100.3	1	854.07	3.25	0	69.63	0	-0.32	0	0	10.39	0	0	0	0	0	0	20.61	20.61
	INVERTER	MV21	520786.65	4883506.75	2	0	0	100.3	100.3	1	860.14	3.25	0	69.69	0	-0.32	0	0	10.42	0	0	0	0	0	0	20.52	20.52
	INVERTER	MV18	519724.65	4882303.86	2	0	0	100.3	100.3	1	879.08	3.25	0	69.88	0	-0.31	0	0	10.49	0	0	0	0	0	0	20.25	20.25
	INVERTER	MV8	519258.31	4882631.1	2	0	0	100.3	100.3	1	905.79	3.25	0	70.14	0	-0.29	0	0	10.59	0	0	0	0	0	0	19.88	19.88
	INVERTER	MV20	520751.73	4883708.75	2	0	0	100.3	100.3	1	936.95	3.25	0	70.43	0	-0.28	0	0	10.7	0	0	0	0	0	0	19.46	19.46
	INVERTER	MV9	519310.97	4882423.86	2	0	0	100.3	100.3	1	997.88	3.25	0	70.98	0	-0.25	0	0	10.9	0	0	0	0	0	0	18.67	18.67
	INVERTER	MV24	521002.3	4883366.75	2	0	0	100.3	100.3	1	1018.03	3.25	0	71.16	0	-0.24	0	0	10.97	0	0	0	0	0	0	18.42	18.42
	INVERTER	MV25	521036.94	4883166.75	2	0	0	100.3	100.3	1	1026.44	3.25	0	71.23	0	-0.23	0	0	11	0	0	0	0	0	0	18.32	18.32
	INVERTER	MV14	519549.01	4882213.86	2	0	0	100.3	100.3	1	1030.5	3.25	0	71.26	0	-0.23	0	0	11.01	0	0	0	0	0	0	18.27	18.27
	INVERTER	MV23	520969.51	4883556.75	2	0	0	100.3	100.3	1	1047.2	3.25	0	71.4	0	-0.22	0	0	11.06	0	0	0	0	0	0	18.07	18.07
	INVERTER	MV11	519364.7	4882769.62	2	0	0	97.3	97.3	1	742.44	3.25	0	68.41	0	-0.39	0	0	9.93	0	0	0	0	0	0	19.35	19.35
	INVERTER	MV4	519089.82	4882595.21	2	0	0	100.3	100.3	1	1067.69	3.25	0	71.57	0	-0.21	0	0	11.13	0	0	0	0	0	0	17.83	17.83
	INVERTER	MV22	520936.62	4883746.98	2	0	0	100.3	100.3	1	1109.64	3.25	0	71.9	0	-0.19	0	0	11.26	0	0	0	0	0	0	17.34	17.34
	INVERTER	MV5	519126.62	4882383.86	2	0	0	100.3	100.3	1	1160.32	3.25	0	72.29	0	-0.17	0	0	11.41	0	0	0	0	0	0	16.78	16.78
	INVERTER	MV15	519559	4882060.35	2	0	0	100.3	100.3	1	1165.84	3.25	0	72.33	0	-0.17	0	0	11.43	0	0	0	0	0	0	16.72	16.72
	INVERTER	MV28	521190.35	4883386.75	2	0	0	100.3	100.3	1	1205.92	3.25	0	72.63	0	-0.15	0	0	11.54	0	0	0	0	0	0	16.29	16.29
	INVERTER	MV29	521223.2	4883196.75	2	0	0	100.3	100.3	1	1213.77	3.25	0	72.68	0	-0.15	0	0	11.57	0	0	0	0	0	0	16.21	16.21
	INVERTER	MV27	521154.04	4883596.75	2	0	0	100.3	100.3	1	1232.78	3.25	0	72.82	0	-0.14	0	0	11.62	0	0	0	0	0	0	16.02	16.02
	INVERTER	MV6	519159.47	4882193.86	2	0	0	100.3	100.3	1	1269.19	3.25	0	73.07	0	-0.12	0	0	11.72	0	0	0	0	0	0	15.65	15.65
	INVERTER	MV10	519383.44	4882003.86	2	0	0	100.3	100.3	1	1293.56	3.25	0	73.24	0	-0.11	0	0	11.79	0	0	0	0	0	0	15.4	15.4
	INVERTER	MV1	518942.28	4882343.86	2	0	0	100.3	100.3	1	1329.68	3.25	0	73.47	0	-0.1	0	0	11.89	0	0	0	0	0	0	15.05	15.05
	INVERTER	MV7	519193.98	4881993.86	2	0	0	100.3	100.3	1	1403.46	3.25	0	73.94	0	-0.07	0	0	12.08	0	0	0	0	0	0	14.36	14.36
	INVERTER	MV31	521375.47	4883526.75	2	0	0	100.3	100.3	1	1419.59	3.25	0	74.04	0	-0.06	0	0	12.12	0	0	0	0	0	0	14.21	14.21
	INVERTER	MV2	518973.41	4882163.86	2	0	0	100.3	100.3	1	1421.17	3.25	0	74.05	0	-0.06	0	0	12.13	0	0	0	0	0	0	14.2	14.2
	INVERTER	MV38	520380.93	4884646.78	2	0	0	100.3	100.3	1	1556.38	3.25	0	74.84	0	-0.01	0	0	12.46	0	0	0	0	0	0	13.02	13.02
	INVERTER	MV33	521543.7	4883556.75	2	0	0	100.3	100.3	1	1589.68	3.25	0	75.03	0	0	0	0	12.54	0	0	0	0	0	0	12.74	12.74
	INVERTER	MV42	521026.63	4884437.16	2	0	0	100.3	100.3	1	1651.4	3.25	0	75.36	0	0.02	0	0	12.69	0	0	0	0	0	0	12.25	12.25
	INVERTER	MV39	520562.49	4884730.78	2	0	0	100.3	100.3	1	1688.39	3.25	0	75.55	0	0.03	0	0	12.78	0	0	0	0	0	0	11.95	11.95
	INVERTER	MV37	520345.66	4884850.78	2	0	0	100.3	100.3	1	1748.11	3.25	0	75.85	0	0.05	0	0	12.91	0	0	0	0	0	0	11.5	11.5
	INVERTER	MV35	521726.44	4883606.75	2	0	0	100.3	100.3	1	1779.12	3.25	0	76	0	0.06	0	0	12.98	0	0	0	0	0	0	11.26	11.26
	INVERTER	MV26	521131.56	4883726.75	2	0	0	97.3	97.3	1	1267.21	3.25	0	73.06	0	-0.13	0	0	11.72	0	0	0	0	0	0	12.67	12.67
	INVERTER	MV41	520981.28	4884667.9	2	0	0	100.3	100.3	1	1814.18	3.25	0	76.17	0	0.07	0	0	13.06	0	0	0	0	0	0	11	11
	INVERTER	MV36	521687.36	4883832.75	2	0	0	100.3	100.3	1	1815.78	3.25	0	76.18	0	0.07	0	0	13.06	0	0	0	0	0	0	10.99	10.99
	INVERTER	MV45	521201.3	4884593.26	2	0	0	100.3	100.3	1	1882.38	3.25	0	76.49	0	0.09	0	0	13.21	0	0	0	0	0	0	10.51	10.51
	INVERTER	MV30	521351.26	4883666.75	2	0	0	97.3	97.3	1	1441.9	3.25	0	74.18	0	-0.06	0	0	12.18	0	0	0	0	0	0	11.01	11.01
	INVERTER	MV3	518997.61	4882023.86	2	0	0	97.3	97.3	1	1503.86	3.25	0	74.54	0	-0.03	0	0	12.33	0	0	0	0	0	0	10.47	10.47
	SUBSTATION TRANSFORMER	TRS	519493.37	4883252.44	3.5	0	0	87.9	87.9	1	530.79	4	0	65.5	0	-0.75	0	0	1.5	0	0	0	0	0	0	21.62	21.62
	INVERTER	MV32	521521.23	4883686.75	2	0	0	97.3	97.3	1	1607.86	3.25	0	75.12	0	0.01	0	0	12.59	0	0	0	0	0	0	9.59	9.59
	INVERTER	MV19	519745.15	4882089.95	2	0	0	89.1	89.1	1	1078.34	3.25	0	71.66	0	0.7	0	0	6.46	0	0	0	0	0	0	10.24	10.24
	LINE REACTOR	LR	519485	4883285	6.8	0	0	82	82	1	546.97	5.65	0	65.76	0	-0.85	0	0	1.54	0	0	0	0	0	0	15.53	15.53
	INVERTER	MV40	520573.85	4884258.92	2	0	0	86.1	86.1	1	1256.98	3.25	0	72.99	0	0.74	0	0	6.78	0	0	0	0	0	0	5.55	5.55

INV TRANSFORMER	MV47T	519833.6	4883248.41	2	0	0	68.7	68.7	1	210.57	3.25	0	57.47	0	0.46	0	0	0.69	0	0	0	0	0	0	10.06	10.06
INV TRANSFORMER	MV46T	519569.03	4883256.08	2	0	0	69.6	69.6	1	458.26	3.25	0	64.22	0	0.19	0	0	1.33	0	0	0	0	0	0	3.83	3.83
INV TRANSFORMER	MV16T	519639.98	4882695.3	2	0	0	68.7	68.7	1	575.33	3.25	0	66.2	0	0.19	0	0	1.61	0	0	0	0	0	0	0.68	0.68
INV TRANSFORMER	MV11T	519370.5	4882770.13	2	0	0	69.6	69.6	1	737.14	3.25	0	68.35	0	0.22	0	0	1.97	0	0	0	0	0	0	-0.96	-0.96
INV TRANSFORMER	MV17T	519691.37	4882499.67	2	0	0	68.7	68.7	1	711.21	3.25	0	68.04	0	0.21	0	0	1.91	0	0	0	0	0	0	-1.48	-1.48
INV TRANSFORMER	MV12T	519470.22	4882671.01	2	0	0	68.7	68.7	1	712.56	3.25	0	68.06	0	0.21	0	0	1.91	0	0	0	0	0	0	-1.5	-1.5
INV TRANSFORMER	MV13T	519508.74	4882449.67	2	0	0	68.7	68.7	1	849.68	3.25	0	69.59	0	0.24	0	0	2.21	0	0	0	0	0	0	-3.36	-3.36
INV TRANSFORMER	MV21T	520786.16	4883512.56	2	0	0	68.7	68.7	1	862.22	3.25	0	69.71	0	0.24	0	0	2.24	0	0	0	0	0	0	-3.52	-3.52
INV TRANSFORMER	MV18T	519724.16	4882309.67	2	0	0	68.7	68.7	1	873.76	3.25	0	69.83	0	0.25	0	0	2.26	0	0	0	0	0	0	-3.66	-3.66
INV TRANSFORMER	MV8T	519258.81	4882625.3	2	0	0	68.7	68.7	1	908.62	3.25	0	70.17	0	0.26	0	0	2.33	0	0	0	0	0	0	-4.08	-4.08
INV TRANSFORMER	MV20T	520751.23	4883714.56	2	0	0	68.7	68.7	1	940.13	3.25	0	70.46	0	0.26	0	0	2.4	0	0	0	0	0	0	-4.45	-4.45
INV TRANSFORMER	MV9T	519310.48	4882429.67	2	0	0	68.7	68.7	1	994.1	3.25	0	70.95	0	0.28	0	0	2.51	0	0	0	0	0	0	-5.06	-5.06
INV TRANSFORMER	MV24T	521001.8	4883372.56	2	0	0	68.7	68.7	1	1018.89	3.25	0	71.16	0	0.28	0	0	2.56	0	0	0	0	0	0	-5.33	-5.33
INV TRANSFORMER	MV14T	519548.51	4882219.67	2	0	0	68.7	68.7	1	1025.54	3.25	0	71.22	0	0.29	0	0	2.57	0	0	0	0	0	0	-5.4	-5.4
INV TRANSFORMER	MV25T	521036.45	4883172.56	2	0	0	68.7	68.7	1	1026.14	3.25	0	71.22	0	0.29	0	0	2.57	0	0	0	0	0	0	-5.41	-5.41
INV TRANSFORMER	MV23T	520969.02	4883562.56	2	0	0	68.7	68.7	1	1049.1	3.25	0	71.42	0	0.29	0	0	2.62	0	0	0	0	0	0	-5.65	-5.65
INV TRANSFORMER	MV4T	519089.32	4882601.01	2	0	0	68.7	68.7	1	1065.2	3.25	0	71.55	0	0.3	0	0	2.65	0	0	0	0	0	0	-5.82	-5.82
INV TRANSFORMER	MV19T	519745.65	4882084.15	2	0	0	68.7	68.7	1	1083.84	3.25	0	71.7	0	0.3	0	0	2.69	0	0	0	0	0	0	-6.01	-6.01
INV TRANSFORMER	MV22T	520936.13	4883752.78	2	0	0	68.7	68.7	1	1112.44	3.25	0	71.93	0	0.31	0	0	2.75	0	0	0	0	0	0	-6.3	-6.3
INV TRANSFORMER	MV40T	520573.54	4884264.74	2	0	0	69.6	69.6	1	1262.05	3.25	0	73.02	0	0.35	0	0	3.04	0	0	0	0	0	0	-6.83	-6.83
INV TRANSFORMER	MV26T	521131.06	4883732.56	2	0	0	69.6	69.6	1	1269.5	3.25	0	73.07	0	0.35	0	0	3.05	0	0	0	0	0	0	-6.9	-6.9
INV TRANSFORMER	MV5T	519126.12	4882389.67	2	0	0	68.7	68.7	1	1156.95	3.25	0	72.27	0	0.32	0	0	2.83	0	0	0	0	0	0	-6.74	-6.74
INV TRANSFORMER	MV15T	519559.49	4882054.55	2	0	0	68.7	68.7	1	1171	3.25	0	72.37	0	0.32	0	0	2.86	0	0	0	0	0	0	-6.88	-6.88
INV TRANSFORMER	MV28T	521189.85	4883392.56	2	0	0	68.7	68.7	1	1206.66	3.25	0	72.63	0	0.33	0	0	2.93	0	0	0	0	0	0	-7.22	-7.22
INV TRANSFORMER	MV29T	521222.7	4883202.56	2	0	0	68.7	68.7	1	1213.59	3.25	0	72.68	0	0.33	0	0	2.94	0	0	0	0	0	0	-7.28	-7.28
INV TRANSFORMER	MV27T	521153.54	4883602.56	2	0	0	68.7	68.7	1	1234.51	3.25	0	72.83	0	0.34	0	0	2.98	0	0	0	0	0	0	-7.48	-7.48
INV TRANSFORMER	MV6T	519158.97	4882199.67	2	0	0	68.7	68.7	1	1265.23	3.25	0	73.04	0	0.35	0	0	3.04	0	0	0	0	0	0	-7.76	-7.76
INV TRANSFORMER	MV10T	519382.94	4882009.67	2	0	0	68.7	68.7	1	1288.73	3.25	0	73.2	0	0.35	0	0	3.09	0	0	0	0	0	0	-7.97	-7.97
INV TRANSFORMER	MV30T	521350.76	4883672.56	2	0	0	69.6	69.6	1	1443.59	3.25	0	74.19	0	0.39	0	0	3.38	0	0	0	0	0	0	-8.39	-8.39
INV TRANSFORMER	MV1T	518941.79	4882349.67	2	0	0	68.7	68.7	1	1326.64	3.25	0	73.46	0	0.36	0	0	3.16	0	0	0	0	0	0	-8.3	-8.3
INV TRANSFORMER	MV3T	518997.12	4882029.67	2	0	0	69.6	69.6	1	1499.91	3.25	0	74.52	0	0.41	0	0	3.48	0	0	0	0	0	0	-8.84	-8.84
INV TRANSFORMER	MV7T	519193.49	4881999.67	2	0	0	68.7	68.7	1	1399.04	3.25	0	73.92	0	0.38	0	0	3.3	0	0	0	0	0	0	-8.92	-8.92
INV TRANSFORMER	MV2T	518972.91	4882169.67	2	0	0	68.7	68.7	1	1417.57	3.25	0	74.03	0	0.39	0	0	3.33	0	0	0	0	0	0	-9.07	-9.07
INV TRANSFORMER	MV31T	521374.97	4883532.56	2	0	0	68.7	68.7	1	1420.73	3.25	0	74.05	0	0.39	0	0	3.34	0	0	0	0	0	0	-9.1	-9.1
INV TRANSFORMER	MV32T	521520.73	4883692.56	2	0	0	69.6	69.6	1	1609.4	3.25	0	75.13	0	0.44	0	0	3.68	0	0	0	0	0	0	-9.68	-9.68
INV TRANSFORMER	MV38T	520380.43	4884652.58	2	0	0	68.7	68.7	1	1561.9	3.25	0	74.87	0	0.43	0	0	3.6	0	0	0	0	0	0	-10.22	-10.22
INV TRANSFORMER	MV33T	521543.21	4883562.56	2	0	0	68.7	68.7	1	1590.75	3.25	0	75.03	0	0.43	0	0	3.65	0	0	0	0	0	0	-10.44	-10.44
INV TRANSFORMER	MV42T	521027.26	4884431.37	2	0	0	68.7	68.7	1	1647.23	3.25	0	75.34	0	0.45	0	0	3.75	0	0	0	0	0	0	-10.86	-10.86
INV TRANSFORMER	MV39T	520562	4884736.58	2	0	0	68.7	68.7	1	1693.71	3.25	0	75.58	0	0.46	0	0	3.83	0	0	0	0	0	0	-11.2	-11.2
INV TRANSFORMER	MV37T	520345.16	4884856.58	2	0	0	68.7	68.7	1	1753.71	3.25	0	75.88	0	0.48	0	0	3.94	0	0	0	0	0	0	-11.62	-11.62
INV TRANSFORMER	MV35T	521725.94	4883612.56	2	0	0	68.7	68.7	1	1780.19	3.25	0	76.01	0	0.48	0	0	3.99	0	0	0	0	0	0	-11.8	-11.8
INV TRANSFORMER	MV41T	520981.91	4884662.11	2	0	0	68.7	68.7	1	1809.62	3.25	0	76.15	0	0.49	0	0	4.04	0	0	0	0	0	0	-12.01	-12.01
INV TRANSFORMER	MV36T	521686.86	4883838.56	2	0	0	68.7	68.7	1	1817.56	3.25	0	76.19	0	0.49	0	0	4.05	0	0	0	0	0	0	-12.06	-12.06
INV TRANSFORMER	MV45T	521200.69	4884599.06	2	0	0	68.7	68.7	1	1886.48	3.25	0	76.51	0	0.51	0	0	4.17	0	0	0	0	0	0	-12.52	-12.52
mit. Value D/N: 0	0																									
Level D/N: 36.1988	36.1988																									

Receiver: Vacant Lot Noise Receptor
ID: VLR6
X: 520196
Y: 4881971
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	INVERTER	MV18	519724.65	4882303.86	2	0	0	100.3	100.3	1	577.04	3.25	0	66.22	0	-0.49	0	0	9.06	0	0	0	0	0	0	25.52	25.52
	INVERTER	MV15	519559	4882060.35	2	0	0	100.3	100.3	1	643.24	3.25	0	67.17	0	-0.45	0	0	9.45	0	0	0	0	0	0	24.14	24.14
	INVERTER	MV14	519549.01	4882213.86	2	0	0	100.3	100.3	1	691.08	3.25	0	67.79	0	-0.42	0	0	9.69	0	0	0	0	0	0	23.24	23.24
	INVERTER	MV17	519691.86	4882493.86	2	0	0	100.3	100.3	1	726.32	3.25	0	68.22	0	-0.4	0	0	9.86	0	0	0	0	0	0	22.62	22.62
	INVERTER	MV10	519383.44	4882003.86	2	0	0	100.3	100.3	1	813.23	3.25	0	69.2	0	-0.34	0	0	10.23	0	0	0	0	0	0	21.22	21.22
	INVERTER	MV13	519509.24	4882443.86	2	0	0	100.3	100.3	1	833.82	3.25	0	69.42	0	-0.33	0	0	10.32	0	0	0	0	0	0	20.91	20.91
	INVERTER	MV16	519639.48	4882701.1	2	0	0	100.3	100.3	1	918.02	3.25	0	70.26	0	-0.29	0	0	10.63	0	0	0	0	0	0	19.71	19.71
	INVERTER	MV9	519310.97	4882423.86	2	0	0	100.3	100.3	1	994.17	3.25	0	70.95	0	-0.25	0	0	10.89	0	0	0	0	0	0	18.72	18.72
	INVERTER	MV7	519193.98	4881993.86	2	0	0	100.3	100.3	1	1002.28	3.25	0	71.02	0	-0.25	0	0	10.92	0	0	0	0	0	0	18.62	18.62
	INVERTER	MV12	519470.71	4882665.21	2	0	0	100.3	100.3	1	1003.98	3.25	0	71.03	0	-0.24	0	0	10.92	0	0	0	0	0	0	18.6	18.6
	INVERTER	MV6	519159.47	4882193.86	2	0	0	100.3	100.3	1	1060.22	3.25	0	71.51	0	-0.22	0	0	11.11	0	0	0	0	0	0	17.92	17.92
	INVERTER	MV5	519126.62	4882383.86	2	0	0	100.3	100.3	1	1146.32	3.25	0	72.19	0	-0.18	0	0	11.37	0	0	0	0	0	0	16.94	16.94
	INVERTER	MV8	519258.31	4882631.1	2	0	0	100.3	100.3	1	1146.73	3.25	0	72.19	0	-0.18	0	0	11.37	0	0	0	0	0	0	16.93	16.93
	INVERTER	MV2	518973.41	4882163.86	2	0	0	100.3	100.3	1	1237.71	3.25	0	72.85	0	-0.14	0	0	11.63	0	0	0	0	0	0	15.96	15.96
	INVERTER	MV4	519089.82	4882595.21	2	0	0	100.3	100.3	1	1270.15	3.25	0	73.08	0	-0.12	0	0	11.72	0	0	0	0	0	0	15.64	15.64
	INVERTER	MV1	518942.28	4882343.86	2	0	0	100.3	100.3	1	1307.99	3.25	0	73.33	0	-0.11	0	0	11.83	0	0	0	0	0	0	15.26	15.26
	INVERTER	MV25	521036.94	4883166.75	2	0	0	100.3	100.3	1	1461.86	3.25	0	74.3	0	-0.05	0	0	12.23	0	0	0	0	0	0	13.83	13.83

INVERTER	MV29	521223.2	4883196.75	2	0	0	100.3	100.3	1	1599.25	3.25	0	75.08	0	0	0	0	12.57	0	0	0	0	0	0	12.67	12.67
INVERTER	MV24	521002.3	4883366.75	2	0	0	100.3	100.3	1	1611.91	3.25	0	75.15	0	0.01	0	0	12.6	0	0	0	0	0	0	12.56	12.56
INVERTER	MV11	519364.7	4882769.62	2	0	0	97.3	97.3	1	1152.76	3.25	0	72.23	0	-0.17	0	0	11.39	0	0	0	0	0	0	13.86	13.86
INVERTER	MV21	520786.65	4883506.75	2	0	0	100.3	100.3	1	1645.42	3.25	0	75.33	0	0.02	0	0	12.68	0	0	0	0	0	0	12.29	12.29
INVERTER	MV3	518997.61	4882023.86	2	0	0	97.3	97.3	1	1199.55	3.25	0	72.58	0	-0.15	0	0	11.52	0	0	0	0	0	0	13.36	13.36
INVERTER	MV19	519745.15	4882089.95	2	0	0	89.1	89.1	1	466.28	3.25	0	64.37	0	0.5	0	0	5.02	0	0	0	0	0	0	19.16	19.16
INVERTER	MV28	521190.35	4883386.75	2	0	0	100.3	100.3	1	1730.05	3.25	0	75.76	0	0.05	0	0	12.87	0	0	0	0	0	0	11.63	11.63
INVERTER	MV23	520969.51	4883556.75	2	0	0	100.3	100.3	1	1764.35	3.25	0	75.93	0	0.06	0	0	12.95	0	0	0	0	0	0	11.37	11.37
INVERTER	MV20	520751.73	4883708.75	2	0	0	100.3	100.3	1	1824.45	3.25	0	76.22	0	0.08	0	0	13.08	0	0	0	0	0	0	10.93	10.93
INVERTER	MV27	521154.04	4883596.75	2	0	0	100.3	100.3	1	1887.04	3.25	0	76.52	0	0.1	0	0	13.22	0	0	0	0	0	0	10.48	10.48
INVERTER	MV22	520936.62	4883746.98	2	0	0	100.3	100.3	1	1924.22	3.25	0	76.69	0	0.11	0	0	13.3	0	0	0	0	0	0	10.22	10.22
INVERTER	MV31	521375.47	4883526.75	2	0	0	100.3	100.3	1	1952.31	3.25	0	76.81	0	0.12	0	0	13.36	0	0	0	0	0	0	10.02	10.02
INVERTER	MV46	519569.31	4883250.26	2	0	0	97.3	97.3	1	1424.52	3.25	0	74.07	0	-0.06	0	0	12.13	0	0	0	0	0	0	11.17	11.17
DSTATCOM UNIT	DSTAT	519479.25	4883282.56	2.5	0	0	96.6	96.6	1	1494.63	3.5	0	74.49	0	3.11	0	0	1.4	0	0	0	0	0	0	17.63	17.63
INVERTER	MV26	521131.56	4883726.75	2	0	0	97.3	97.3	1	1989.46	3.25	0	76.97	0	0.13	0	0	13.44	0	0	0	0	0	0	6.77	6.77
INVERTER	MV47	519833.32	4883254.23	2	0	0	89.1	89.1	1	1333.5	3.25	0	73.5	0	0.76	0	0	6.92	0	0	0	0	0	0	7.88	7.88
SUBSTATION TRANSFORMER	TRS	519493.37	4883252.44	3.5	0	0	87.9	87.9	1	1461.43	4	0	74.3	0	-0.76	0	0	3.41	0	0	0	0	0	0	10.93	10.93
LINE REACTOR	LR	519485	4883285	6.8	0	0	82	82	1	1494.03	5.65	0	74.49	0	-1.07	0	0	3.47	0	0	0	0	0	0	5.08	5.08
INV TRANSFORMER	MV19T	519745.65	4882084.15	2	0	0	68.7	68.7	1	464.35	3.25	0	64.34	0	0.19	0	0	1.34	0	0	0	0	0	0	2.8	2.8
INV TRANSFORMER	MV18T	519724.16	4882309.67	2	0	0	68.7	68.7	1	580.81	3.25	0	66.28	0	0.19	0	0	1.62	0	0	0	0	0	0	0.59	0.59
INV TRANSFORMER	MV15T	519559.49	4882054.55	2	0	0	68.7	68.7	1	641.97	3.25	0	67.15	0	0.2	0	0	1.76	0	0	0	0	0	0	-0.43	-0.43
INV TRANSFORMER	MV14T	519548.51	4882219.67	2	0	0	68.7	68.7	1	693.6	3.25	0	67.82	0	0.21	0	0	1.87	0	0	0	0	0	0	-1.22	-1.22
INV TRANSFORMER	MV17T	519691.37	4882499.67	2	0	0	68.7	68.7	1	730.85	3.25	0	68.28	0	0.21	0	0	1.95	0	0	0	0	0	0	-1.77	-1.77
INV TRANSFORMER	MV10T	519382.94	4882009.67	2	0	0	68.7	68.7	1	813.98	3.25	0	69.21	0	0.23	0	0	2.13	0	0	0	0	0	0	-2.9	-2.9
INV TRANSFORMER	MV13T	519508.74	4882449.67	2	0	0	68.7	68.7	1	837.53	3.25	0	69.46	0	0.24	0	0	2.18	0	0	0	0	0	0	-3.2	-3.2
INV TRANSFORMER	MV16T	519639.98	4882695.3	2	0	0	68.7	68.7	1	913.11	3.25	0	70.21	0	0.26	0	0	2.34	0	0	0	0	0	0	-4.13	-4.13
INV TRANSFORMER	MV9T	519310.48	4882429.67	2	0	0	68.7	68.7	1	997.26	3.25	0	70.98	0	0.28	0	0	2.51	0	0	0	0	0	0	-5.09	-5.09
INV TRANSFORMER	MV7T	519193.49	4881999.67	2	0	0	68.7	68.7	1	1002.92	3.25	0	71.03	0	0.28	0	0	2.53	0	0	0	0	0	0	-5.15	-5.15
INV TRANSFORMER	MV12T	519470.22	4882671.01	2	0	0	68.7	68.7	1	1008.35	3.25	0	71.07	0	0.28	0	0	2.54	0	0	0	0	0	0	-5.21	-5.21
INV TRANSFORMER	MV11T	519370.5	4882770.13	2	0	0	69.6	69.6	1	1148.94	3.25	0	72.21	0	0.32	0	0	2.82	0	0	0	0	0	0	-5.76	-5.76
INV TRANSFORMER	MV6T	519158.97	4882199.67	2	0	0	68.7	68.7	1	1061.94	3.25	0	71.52	0	0.3	0	0	2.64	0	0	0	0	0	0	-5.79	-5.79
INV TRANSFORMER	MV3T	518997.12	4882029.67	2	0	0	69.6	69.6	1	1200.32	3.25	0	72.59	0	0.33	0	0	2.92	0	0	0	0	0	0	-6.26	-6.26
INV TRANSFORMER	MV8T	519258.81	4882625.3	2	0	0	68.7	68.7	1	1143	3.25	0	72.16	0	0.32	0	0	2.81	0	0	0	0	0	0	-6.61	-6.61
INV TRANSFORMER	MV5T	519126.12	4882389.67	2	0	0	68.7	68.7	1	1148.88	3.25	0	72.21	0	0.32	0	0	2.82	0	0	0	0	0	0	-6.66	-6.66
INV TRANSFORMER	MV2T	518972.91	4882169.67	2	0	0	68.7	68.7	1	1239.12	3.25	0	72.86	0	0.34	0	0	2.99	0	0	0	0	0	0	-7.52	-7.52
INV TRANSFORMER	MV4T	519089.32	4882601.01	2	0	0	68.7	68.7	1	1273.44	3.25	0	73.1	0	0.35	0	0	3.06	0	0	0	0	0	0	-7.83	-7.83
INV TRANSFORMER	MV46T	519569.03	4883256.08	2	0	0	69.6	69.6	1	1429.87	3.25	0	74.11	0	0.39	0	0	3.35	0	0	0	0	0	0	-8.27	-8.27
INV TRANSFORMER	MV1T	518941.79	4882349.67	2	0	0	68.7	68.7	1	1310.13	3.25	0	73.35	0	0.36	0	0	3.13	0	0	0	0	0	0	-8.16	-8.16
INV TRANSFORMER	MV47T	519833.6	4883248.41	2	0	0	68.7	68.7	1	1327.83	3.25	0	73.46	0	0.36	0	0	3.16	0	0	0	0	0	0	-8.31	-8.31
INV TRANSFORMER	MV25T	521036.45	4883172.56	2	0	0	68.7	68.7	1	1466.32	3.25	0	74.32	0	0.4	0	0	3.42	0	0	0	0	0	0	-9.47	-9.47
INV TRANSFORMER	MV29T	521222.7	4883202.56	2	0	0	68.7	68.7	1	1603.39	3.25	0	75.1	0	0.44	0	0	3.67	0	0	0	0	0	0	-10.53	-10.53
INV TRANSFORMER	MV24T	521001.8	4883372.56	2	0	0	68.7	68.7	1	1616.69	3.25	0	75.17	0	0.44	0	0	3.7	0	0	0	0	0	0	-10.63	-10.63
INV TRANSFORMER	MV21T	520786.16	4883512.56	2	0	0	68.7	68.7	1	1650.67	3.25	0	75.35	0	0.45	0	0	3.76	0	0	0	0	0	0	-10.88	-10.88
INV TRANSFORMER	MV28T	521189.85	4883392.56	2	0	0	68.7	68.7	1	1734.52	3.25	0	75.78	0	0.47	0	0	3.91	0	0	0	0	0	0	-11.49	-11.49
INV TRANSFORMER	MV23T	520969.02	4883562.56	2	0	0	68.7	68.7	1	1769.36	3.25	0	75.96	0	0.48	0	0	3.97	0	0	0	0	0	0	-11.73	-11.73
INV TRANSFORMER	MV26T	521131.06	4883732.56	2	0	0	69.6	69.6	1	1994.35	3.25	0	77	0	0.54	0	0	4.36	0	0	0	0	0	0	-12.32	-12.32
INV TRANSFORMER	MV20T	520751.23	4883714.56	2	0	0	68.7	68.7	1	1829.83	3.25	0	76.25	0	0.5	0	0	4.07	0	0	0	0	0	0	-12.14	-12.14
INV TRANSFORMER	MV27T	521153.54	4883602.56	2	0	0	68.7	68.7	1	1891.79	3.25	0	76.54	0	0.51	0	0	4.18	0	0	0	0	0	0	-12.56	-12.56
INV TRANSFORMER	MV22T	520936.13	4883752.78	2	0	0	68.7	68.7	1	1929.39	3.25	0	76.71	0	0.52	0	0	4.25	0	0	0	0	0	0	-12.8	-12.8
INV TRANSFORMER	MV31T	521374.97	4883532.56	2	0	0	68.7	68.7	1	1956.64	3.25	0	76.83	0	0.53	0	0	4.29	0	0	0	0	0	0	-12.98	-12.98

mit. Value D/N: 0 0

Level D/N: 33.4941 33.4941

Receiver: Vacant Lot Noise Receptor

ID: VLR7

X: 520133

Y: 4882452

Z: 4.5

Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	INVERTER	MV18	519724.65	4882303.86	2	0	0	100.3	100.3	1	434.39	3.25	0	63.76	0	-0.6	0	0	7.96	0	0	0	0	0	0	29.19	29.19
	INVERTER	MV17	519691.86	4882493.86	2	0	0	100.3	100.3	1	443.12	3.25	0	63.93	0	-0.59	0	0	8.05	0	0	0	0	0	0	28.93	28.93
	INVERTER	MV16	519639.48	4882701.1	2	0	0	100.3	100.3	1	552.83	3.25	0	65.85	0	-0.51	0	0	8.91	0	0	0	0	0	0	26.07	26.07
	INVERTER	MV13	519509.24	4882443.86	2	0	0	100.3	100.3	1	623.82	3.25	0	66.9	0	-0.46	0	0	9.34	0	0	0	0	0	0	24.53	24.53
	INVERTER	MV14	519549.01	4882213.86	2	0	0	100.3	100.3	1	630.69	3.25	0	67	0	-0.46	0	0	9.38	0	0	0	0	0	0	24.39	24.39
	INVERTER	MV15	519559	4882060.35	2	0	0	100.3	100.3	1	694.89	3.25	0	67.84	0	-0.41	0	0	9.71	0	0	0	0	0	0	23.18	23.18
	INVERTER	MV12	519470.71	4882665.21	2	0	0	100.3	100.3	1	695.76	3.25	0	67.85	0	-0.41	0	0	9.72	0	0	0	0	0	0	23.16	23.16
	INVERTER	MV9	519310.97	4882423.86	2	0	0	100.3	100.3	1	822.51	3.25	0	69.3	0	-0.34	0	0	10.27	0	0	0	0	0	0	21.08	21.08
	INVERTER	MV10	519383.44	4882003.86	2	0	0	100.3	100.3	1	873.31	3.25	0	69.82	0	-0.31	0	0	10.47	0	0	0	0	0	0	20.33	20.33
	INVERTER	MV8	519258.31	4882631.1	2	0	0	100.3	100.3	1	892.84	3.25	0	70.02	0	-0.3	0	0	10.54	0	0	0	0	0	0	20.06	20.06
	INVERTER	MV6	519159.47	4882193.86	2	0	0	100.3	100.3	1	1007.18	3.25	0	71.06	0	-0.24	0	0	10.93	0	0	0	0	0	0	18.56	18.56

INVERTER	MV5	519126.62	4882383.86	2	0	0	100.3	100.3	1	1008.69	3.25	0	71.08	0	-0.24	0	0	10.94	0	0	0	0	0	0	18.54	18.54
INVERTER	MV7	519193.98	4881993.86	2	0	0	100.3	100.3	1	1044.82	3.25	0	71.38	0	-0.22	0	0	11.06	0	0	0	0	0	0	18.1	18.1
INVERTER	MV4	519089.82	4882595.21	2	0	0	100.3	100.3	1	1052.97	3.25	0	71.45	0	-0.22	0	0	11.08	0	0	0	0	0	0	18	18
INVERTER	MV25	521036.94	4883166.75	2	0	0	100.3	100.3	1	1152.39	3.25	0	72.23	0	-0.18	0	0	11.39	0	0	0	0	0	0	16.87	16.87
INVERTER	MV11	519364.7	4882769.62	2	0	0	97.3	97.3	1	831.37	3.25	0	69.4	0	-0.33	0	0	10.31	0	0	0	0	0	0	17.94	17.94
INVERTER	MV2	518973.41	4882163.86	2	0	0	100.3	100.3	1	1194.86	3.25	0	72.55	0	-0.16	0	0	11.51	0	0	0	0	0	0	16.41	16.41
INVERTER	MV1	518942.28	4882343.86	2	0	0	100.3	100.3	1	1195.62	3.25	0	72.55	0	-0.16	0	0	11.51	0	0	0	0	0	0	16.4	16.4
INVERTER	MV21	520786.65	4883506.75	2	0	0	100.3	100.3	1	1240.88	3.25	0	72.87	0	-0.14	0	0	11.64	0	0	0	0	0	0	15.93	15.93
INVERTER	MV24	521002.3	4883366.75	2	0	0	100.3	100.3	1	1261.93	3.25	0	73.02	0	-0.13	0	0	11.7	0	0	0	0	0	0	15.72	15.72
INVERTER	MV29	521223.2	4883196.75	2	0	0	100.3	100.3	1	1320.3	3.25	0	73.41	0	-0.1	0	0	11.86	0	0	0	0	0	0	15.14	15.14
INVERTER	MV46	519569.31	4883250.26	2	0	0	97.3	97.3	1	977.23	3.25	0	70.8	0	-0.26	0	0	10.84	0	0	0	0	0	0	15.93	15.93
INVERTER	MV23	520969.51	4883556.75	2	0	0	100.3	100.3	1	1385.73	3.25	0	73.83	0	-0.08	0	0	12.03	0	0	0	0	0	0	14.52	14.52
INVERTER	MV20	520751.73	4883708.75	2	0	0	100.3	100.3	1	1400.81	3.25	0	73.93	0	-0.07	0	0	12.07	0	0	0	0	0	0	14.38	14.38
INVERTER	MV28	521190.35	4883386.75	2	0	0	100.3	100.3	1	1411.29	3.25	0	73.99	0	-0.07	0	0	12.1	0	0	0	0	0	0	14.29	14.29
INVERTER	MV22	520936.62	4883746.98	2	0	0	100.3	100.3	1	1524.07	3.25	0	74.66	0	-0.02	0	0	12.38	0	0	0	0	0	0	13.29	13.29
INVERTER	MV27	521154.04	4883596.75	2	0	0	100.3	100.3	1	1533.94	3.25	0	74.72	0	-0.02	0	0	12.41	0	0	0	0	0	0	13.21	13.21
DSTATCOM UNIT	DSTAT	519479.25	4883282.56	2.5	0	0	96.6	96.6	1	1056.99	3.5	0	71.48	0	2.95	0	0	1.12	0	0	0	0	0	0	21.08	21.08
INVERTER	MV31	521375.47	4883526.75	2	0	0	100.3	100.3	1	1642.81	3.25	0	75.31	0	0.02	0	0	12.67	0	0	0	0	0	0	12.31	12.31
INVERTER	MV3	518997.61	4882023.86	2	0	0	97.3	97.3	1	1213.43	3.25	0	72.68	0	-0.15	0	0	11.56	0	0	0	0	0	0	13.22	13.22
INVERTER	MV33	521543.7	4883556.75	2	0	0	100.3	100.3	1	1791.81	3.25	0	76.07	0	0.07	0	0	13.01	0	0	0	0	0	0	11.17	11.17
INVERTER	MV19	519745.15	4882089.95	2	0	0	89.1	89.1	1	530.58	3.25	0	65.49	0	0.54	0	0	5.25	0	0	0	0	0	0	17.77	17.77
INVERTER	MV35	521726.44	4883606.75	2	0	0	100.3	100.3	1	1967.87	3.25	0	76.88	0	0.12	0	0	13.39	0	0	0	0	0	0	9.92	9.92
INVERTER	MV26	521131.56	4883726.75	2	0	0	97.3	97.3	1	1619.3	3.25	0	75.19	0	0.01	0	0	12.61	0	0	0	0	0	0	9.5	9.5
INVERTER	MV30	521351.26	4883666.75	2	0	0	97.3	97.3	1	1720.4	3.25	0	75.71	0	0.04	0	0	12.85	0	0	0	0	0	0	8.71	8.71
INVERTER	MV32	521521.23	4883686.75	2	0	0	97.3	97.3	1	1857.9	3.25	0	76.38	0	0.09	0	0	13.16	0	0	0	0	0	0	7.69	7.69
INVERTER	MV47	519833.32	4883254.23	2	0	0	89.1	89.1	1	856.38	3.25	0	69.65	0	0.65	0	0	6.04	0	0	0	0	0	0	12.72	12.72
SUBSTATION TRANSFORMER	TRS	519493.37	4883252.44	3.5	0	0	87.9	87.9	1	1024.61	4	0	71.21	0	-0.8	0	0	2.57	0	0	0	0	0	0	14.9	14.9
LINE REACTOR	LR	519485	4883285	6.8	0	0	82	82	1	1055.37	5.65	0	71.47	0	-1.04	0	0	2.63	0	0	0	0	0	0	8.92	8.92
INVERTER	MV40	520573.85	4884258.92	2	0	0	86.1	86.1	1	1859.92	3.25	0	76.39	0	0.87	0	0	7.81	0	0	0	0	0	0	0.98	0.98
INV TRANSFORMER	MV18T	519724.16	4882309.67	2	0	0	68.7	68.7	1	432.92	3.25	0	63.73	0	0.2	0	0	1.27	0	0	0	0	0	0	3.48	3.48
INV TRANSFORMER	MV17T	519691.37	4882499.67	2	0	0	68.7	68.7	1	444.2	3.25	0	63.95	0	0.19	0	0	1.3	0	0	0	0	0	0	3.23	3.23
INV TRANSFORMER	MV19T	519745.65	4882084.15	2	0	0	68.7	68.7	1	534.19	3.25	0	65.55	0	0.19	0	0	1.51	0	0	0	0	0	0	1.43	1.43
INV TRANSFORMER	MV16T	519639.98	4882695.3	2	0	0	68.7	68.7	1	549.79	3.25	0	65.8	0	0.19	0	0	1.55	0	0	0	0	0	0	1.14	1.14
INV TRANSFORMER	MV13T	519508.74	4882449.67	2	0	0	68.7	68.7	1	624.27	3.25	0	66.91	0	0.19	0	0	1.72	0	0	0	0	0	0	-0.14	-0.14
INV TRANSFORMER	MV14T	519548.51	4882219.67	2	0	0	68.7	68.7	1	628.98	3.25	0	66.97	0	0.2	0	0	1.73	0	0	0	0	0	0	-0.22	-0.22
INV TRANSFORMER	MV15T	519559.49	4882054.55	2	0	0	68.7	68.7	1	697.77	3.25	0	67.87	0	0.21	0	0	1.88	0	0	0	0	0	0	-1.29	-1.29
INV TRANSFORMER	MV12T	519470.22	4882671.01	2	0	0	68.7	68.7	1	698.03	3.25	0	67.88	0	0.21	0	0	1.88	0	0	0	0	0	0	-1.29	-1.29
INV TRANSFORMER	MV11T	519370.5	4882770.13	2	0	0	69.6	69.6	1	826.21	3.25	0	69.34	0	0.24	0	0	2.16	0	0	0	0	0	0	-2.16	-2.16
INV TRANSFORMER	MV9T	519310.48	4882429.67	2	0	0	68.7	68.7	1	822.83	3.25	0	69.31	0	0.23	0	0	2.15	0	0	0	0	0	0	-3.02	-3.02
INV TRANSFORMER	MV47T	519833.6	4883248.41	2	0	0	68.7	68.7	1	850.83	3.25	0	69.6	0	0.24	0	0	2.21	0	0	0	0	0	0	-3.37	-3.37
INV TRANSFORMER	MV10T	519382.94	4882009.67	2	0	0	68.7	68.7	1	870.77	3.25	0	69.8	0	0.25	0	0	2.25	0	0	0	0	0	0	-3.62	-3.62
INV TRANSFORMER	MV46T	519569.03	4883256.08	2	0	0	69.6	69.6	1	982.14	3.25	0	70.84	0	0.27	0	0	2.48	0	0	0	0	0	0	-4.03	-4.03
INV TRANSFORMER	MV8T	519258.81	4882625.3	2	0	0	68.7	68.7	1	891.21	3.25	0	70	0	0.25	0	0	2.3	0	0	0	0	0	0	-3.87	-3.87
INV TRANSFORMER	MV6T	519158.97	4882199.67	2	0	0	68.7	68.7	1	1006.19	3.25	0	71.05	0	0.28	0	0	2.53	0	0	0	0	0	0	-5.19	-5.19
INV TRANSFORMER	MV5T	519126.12	4882389.67	2	0	0	68.7	68.7	1	1008.81	3.25	0	71.08	0	0.28	0	0	2.54	0	0	0	0	0	0	-5.22	-5.22
INV TRANSFORMER	MV7T	519193.49	4881999.67	2	0	0	68.7	68.7	1	1042.73	3.25	0	71.36	0	0.29	0	0	2.61	0	0	0	0	0	0	-5.58	-5.58
INV TRANSFORMER	MV4T	519089.32	4882601.01	2	0	0	68.7	68.7	1	1054.27	3.25	0	71.46	0	0.29	0	0	2.63	0	0	0	0	0	0	-5.7	-5.7
INV TRANSFORMER	MV3T	518997.12	4882029.67	2	0	0	69.6	69.6	1	1211.86	3.25	0	72.67	0	0.33	0	0	2.94	0	0	0	0	0	0	-6.37	-6.37
INV TRANSFORMER	MV25T	521036.45	4883172.56	2	0	0	68.7	68.7	1	1155.61	3.25	0	72.26	0	0.32	0	0	2.83	0	0	0	0	0	0	-6.73	-6.73
INV TRANSFORMER	MV2T	518972.91	4882169.67	2	0	0	68.7	68.7	1	1193.95	3.25	0	72.54	0	0.33	0	0	2.91	0	0	0	0	0	0	-7.1	-7.1
INV TRANSFORMER	MV1T	518941.79	4882349.67	2	0	0	68.7	68.7	1	1195.6	3.25	0	72.55	0	0.33	0	0	2.91	0	0	0	0	0	0	-7.11	-7.11
INV TRANSFORMER	MV21T	520786.16	4883512.56	2	0	0	68.7	68.7	1	1245.55	3.25	0	72.91	0	0.34	0	0	3.01	0	0	0	0	0	0	-7.58	-7.58
INV TRANSFORMER	MV24T	521001.8	4883372.56	2	0	0	68.7	68.7	1	1265.8	3.25	0	73.05	0	0.35	0	0	3.04	0	0	0	0	0	0	-7.76	-7.76
INV TRANSFORMER	MV29T	521222.7	4883202.56	2	0	0	68.7	68.7	1	1323.17	3.25	0	73.43	0	0.36	0	0	3.15	0	0	0	0	0	0	-8.27	-8.27
INV TRANSFORMER	MV23T	520969.02	4883562.56	2	0	0	68.7	68.7	1	1390.06	3.25	0	73.86	0	0.38	0	0	3.28	0	0	0	0	0	0	-8.84	-8.84
INV TRANSFORMER	MV20T	520751.23	4883714.56	2	0	0	68.7	68.7	1	1405.8	3.25	0	73.96	0	0.38	0	0	3.31	0	0	0	0	0	0	-8.98	-8.98
INV TRANSFORMER	MV28T	521189.85	4883392.56	2	0	0	68.7	68.7	1	1414.77	3.25	0	74.01	0	0.39	0	0	3.33	0	0	0	0	0	0	-9.05	-9.05
INV TRANSFORMER	MV26T	521131.06	4883732.56	2	0	0	69.6	69.6	1	1623.57	3.25	0	75.21	0	0.44	0	0	3.71	0	0	0	0	0	0	-9.78	-9.78
INV TRANSFORMER	MV22T	520936.13	4883752.78	2	0	0	68.7	68.7	1	1528.74	3.25	0	74.69	0	0.42	0	0	3.54	0	0	0	0	0	0	-9.96	-9.96
INV TRANSFORMER	MV27T	521153.54	4883602.56	2	0	0	68.7	68.7	1	1537.95	3.25	0	74.74	0	0.42	0	0	3.55	0	0	0	0	0	0	-10.04	-10.04
INV TRANSFORMER	MV30T	521350.76	4883672.56	2	0	0	69.6	69.6	1	1724.16	3.25	0	75.73	0	0.47	0	0	3.89	0	0	0	0	0	0	-10.51	-10.51
INV TRANSFORMER	MV31T	521374.97	4883532.56	2	0	0	68.7	68.7	1	1646.24	3.25	0	75.33	0	0.45	0	0	3.75	0	0	0	0	0	0	-10.85	-10.85
INV TRANSFORMER	MV32T	521520.73	4883692.56	2	0	0	69.6	69.6	1	1861.39	3.25	0	76.4	0	0.51	0	0	4.13	0	0	0	0	0	0	-11.46	-11.46
INV TRANSFORMER	MV40T	520573.54	4884264.74	2	0	0	69.6	69.6	1	1865.5	3.25	0	76.42	0	0.51	0	0	4.14	0	0	0	0	0	0	-11.48	-11.48
INV TRANSFORMER	MV33T	521543.21	4883562.56	2	0	0	68.7	68.7	1	1795	3.25	0	76.08	0	0.49	0	0	4.01	0	0	0	0	0	0	-11.91	-11.91
INV TRANSFORMER	MV35T	521725.94	4883612.56	2	0	0	68.7	68.7	1	1970.88	3.25	0	76.89	0	0.54	0	0	4.32	0	0	0	0	0	0	-13.07	-13.07

mit. Value D/N: 0 0

Level D/N: 36.4496 36.4496

Receiver: Vacant Lot Noise Receptor

ID: VLR8

X: 521831

Y: 4884149
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	INVERTER	MV36	521687.36	4883832.75	2	0	0	100.3	100.3	1	347.35	3.25	0	61.82	0	-0.64	0	0	7.02	0	0	0	0	0	0	32.12	32.12
	INVERTER	MV35	521726.44	4883606.75	2	0	0	100.3	100.3	1	552.24	3.25	0	65.84	0	-0.51	0	0	8.9	0	0	0	0	0	0	26.08	26.08
	INVERTER	MV33	521543.7	4883556.75	2	0	0	100.3	100.3	1	658.26	3.25	0	67.37	0	-0.44	0	0	9.53	0	0	0	0	0	0	23.85	23.85
	INVERTER	MV45	521201.3	4884593.26	2	0	0	100.3	100.3	1	770.65	3.25	0	68.74	0	-0.37	0	0	10.06	0	0	0	0	0	0	21.89	21.89
	INVERTER	MV31	521375.47	4883526.75	2	0	0	100.3	100.3	1	771.17	3.25	0	68.74	0	-0.37	0	0	10.06	0	0	0	0	0	0	21.88	21.88
	INVERTER	MV32	521521.23	4883686.75	2	0	0	97.3	97.3	1	556.45	3.25	0	65.91	0	-0.51	0	0	8.93	0	0	0	0	0	0	22.98	22.98
	INVERTER	MV42	521026.63	4884437.16	2	0	0	100.3	100.3	1	854.43	3.25	0	69.63	0	-0.32	0	0	10.4	0	0	0	0	0	0	20.6	20.6
	INVERTER	MV27	521154.04	4883596.75	2	0	0	100.3	100.3	1	873.65	3.25	0	69.83	0	-0.31	0	0	10.47	0	0	0	0	0	0	20.33	20.33
	INVERTER	MV30	521351.26	4883666.75	2	0	0	97.3	97.3	1	680.23	3.25	0	67.65	0	-0.42	0	0	9.64	0	0	0	0	0	0	20.44	20.44
	INVERTER	MV44	521154.3	4884833.37	2	0	0	100.3	100.3	1	962.44	3.25	0	70.67	0	-0.26	0	0	10.78	0	0	0	0	0	0	19.12	19.12
	INVERTER	MV22	520936.62	4883746.98	2	0	0	100.3	100.3	1	980.58	3.25	0	70.83	0	-0.26	0	0	10.85	0	0	0	0	0	0	18.89	18.89
	INVERTER	MV41	520981.28	4884667.9	2	0	0	100.3	100.3	1	995.63	3.25	0	70.96	0	-0.25	0	0	10.9	0	0	0	0	0	0	18.7	18.7
	INVERTER	MV28	521190.35	4883386.75	2	0	0	100.3	100.3	1	995.72	3.25	0	70.96	0	-0.25	0	0	10.9	0	0	0	0	0	0	18.7	18.7
	INVERTER	MV23	520969.51	4883556.75	2	0	0	100.3	100.3	1	1045.43	3.25	0	71.39	0	-0.22	0	0	11.06	0	0	0	0	0	0	18.09	18.09
	INVERTER	MV29	521223.2	4883196.75	2	0	0	100.3	100.3	1	1129.69	3.25	0	72.06	0	-0.19	0	0	11.32	0	0	0	0	0	0	17.12	17.12
	INVERTER	MV24	521002.3	4883366.75	2	0	0	100.3	100.3	1	1139.59	3.25	0	72.13	0	-0.18	0	0	11.35	0	0	0	0	0	0	17.01	17.01
	INVERTER	MV26	521131.56	4883726.75	2	0	0	97.3	97.3	1	817.02	3.25	0	69.24	0	-0.34	0	0	10.25	0	0	0	0	0	0	18.16	18.16
	INVERTER	MV20	520751.73	4883708.75	2	0	0	100.3	100.3	1	1165.61	3.25	0	72.33	0	-0.17	0	0	11.43	0	0	0	0	0	0	16.72	16.72
	INVERTER	MV21	520786.65	4883506.75	2	0	0	100.3	100.3	1	1226.03	3.25	0	72.77	0	-0.14	0	0	11.6	0	0	0	0	0	0	16.09	16.09
	INVERTER	MV25	521036.94	4883166.75	2	0	0	100.3	100.3	1	1263.07	3.25	0	73.03	0	-0.13	0	0	11.7	0	0	0	0	0	0	15.71	15.71
	INVERTER	MV39	520562.49	4884730.78	2	0	0	100.3	100.3	1	1395.56	3.25	0	73.89	0	-0.07	0	0	12.06	0	0	0	0	0	0	14.43	14.43
	INVERTER	MV38	520380.93	4884646.78	2	0	0	100.3	100.3	1	1533.13	3.25	0	74.71	0	-0.02	0	0	12.41	0	0	0	0	0	0	13.22	13.22
	INVERTER	MV37	520345.66	4884850.78	2	0	0	100.3	100.3	1	1642.79	3.25	0	75.31	0	0.02	0	0	12.67	0	0	0	0	0	0	12.31	12.31
	INVERTER	MV40	520573.85	4884258.92	2	0	0	86.1	86.1	1	1261.95	3.25	0	73.02	0	0.74	0	0	6.79	0	0	0	0	0	0	5.5	5.5
	INV TRANSFORMER	MV36T	521686.86	4883838.56	2	0	0	68.7	68.7	1	342.28	3.25	0	61.69	0	0.24	0	0	1.04	0	0	0	0	0	0	5.7	5.7
	INV TRANSFORMER	MV32T	521520.73	4883692.56	2	0	0	69.6	69.6	1	551.92	3.25	0	65.84	0	0.19	0	0	1.55	0	0	0	0	0	0	2	2
	INV TRANSFORMER	MV35T	521725.94	4883612.56	2	0	0	68.7	68.7	1	546.64	3.25	0	65.75	0	0.19	0	0	1.54	0	0	0	0	0	0	1.2	1.2
	INV TRANSFORMER	MV30T	521350.76	4883672.56	2	0	0	69.6	69.6	1	676.48	3.25	0	67.61	0	0.2	0	0	1.83	0	0	0	0	0	0	-0.07	-0.07
	INV TRANSFORMER	MV33T	521543.21	4883562.56	2	0	0	68.7	68.7	1	653.26	3.25	0	67.3	0	0.2	0	0	1.78	0	0	0	0	0	0	-0.61	-0.61
	INV TRANSFORMER	MV26T	521131.06	4883732.56	2	0	0	69.6	69.6	1	814.46	3.25	0	69.22	0	0.23	0	0	2.13	0	0	0	0	0	0	-2.01	-2.01
	INV TRANSFORMER	MV31T	521374.97	4883532.56	2	0	0	68.7	68.7	1	766.79	3.25	0	68.69	0	0.22	0	0	2.03	0	0	0	0	0	0	-2.27	-2.27
	INV TRANSFORMER	MV45T	521200.69	4884599.06	2	0	0	68.7	68.7	1	774.5	3.25	0	68.78	0	0.22	0	0	2.05	0	0	0	0	0	0	-2.38	-2.38
	INV TRANSFORMER	MV42T	521027.26	4884431.37	2	0	0	68.7	68.7	1	851.9	3.25	0	69.61	0	0.24	0	0	2.21	0	0	0	0	0	0	-3.39	-3.39
	INV TRANSFORMER	MV27T	521153.54	4883602.56	2	0	0	68.7	68.7	1	870.38	3.25	0	69.79	0	0.25	0	0	2.25	0	0	0	0	0	0	-3.62	-3.62
	INV TRANSFORMER	MV44T	521153.69	4884839.17	2	0	0	68.7	68.7	1	967	3.25	0	70.71	0	0.27	0	0	2.45	0	0	0	0	0	0	-4.76	-4.76
	INV TRANSFORMER	MV22T	520936.13	4883752.78	2	0	0	68.7	68.7	1	978.67	3.25	0	70.81	0	0.27	0	0	2.48	0	0	0	0	0	0	-4.89	-4.89
	INV TRANSFORMER	MV28T	521189.85	4883392.56	2	0	0	68.7	68.7	1	991.61	3.25	0	70.93	0	0.28	0	0	2.5	0	0	0	0	0	0	-5.03	-5.03
	INV TRANSFORMER	MV41T	520981.91	4884662.11	2	0	0	68.7	68.7	1	992.09	3.25	0	70.93	0	0.28	0	0	2.5	0	0	0	0	0	0	-5.04	-5.04
	INV TRANSFORMER	MV23T	520969.02	4883562.56	2	0	0	68.7	68.7	1	1042.56	3.25	0	71.36	0	0.29	0	0	2.61	0	0	0	0	0	0	-5.58	-5.58
	INV TRANSFORMER	MV29T	521222.7	4883202.56	2	0	0	68.7	68.7	1	1125.07	3.25	0	72.02	0	0.31	0	0	2.77	0	0	0	0	0	0	-6.43	-6.43
	INV TRANSFORMER	MV24T	521001.8	4883372.56	2	0	0	68.7	68.7	1	1135.97	3.25	0	72.11	0	0.31	0	0	2.79	0	0	0	0	0	0	-6.54	-6.54
	INV TRANSFORMER	MV40T	520573.54	4884264.74	2	0	0	69.6	69.6	1	1262.78	3.25	0	73.03	0	0.35	0	0	3.04	0	0	0	0	0	0	-6.84	-6.84
	INV TRANSFORMER	MV20T	520751.23	4883714.56	2	0	0	68.7	68.7	1	1163.89	3.25	0	72.32	0	0.32	0	0	2.85	0	0	0	0	0	0	-6.81	-6.81
	INV TRANSFORMER	MV21T	520786.16	4883512.56	2	0	0	68.7	68.7	1	1223.42	3.25	0	72.75	0	0.34	0	0	2.96	0	0	0	0	0	0	-7.37	-7.37
	INV TRANSFORMER	MV25T	521036.45	4883172.56	2	0	0	68.7	68.7	1	1258.87	3.25	0	73	0	0.35	0	0	3.03	0	0	0	0	0	0	-7.7	-7.7
	INV TRANSFORMER	MV39T	520562	4884736.58	2	0	0	68.7	68.7	1	1398.44	3.25	0	73.91	0	0.38	0	0	3.3	0	0	0	0	0	0	-8.91	-8.91
	INV TRANSFORMER	MV38T	520380.43	4884652.58	2	0	0	68.7	68.7	1	1535.5	3.25	0	74.72	0	0.42	0	0	3.55	0	0	0	0	0	0	-10.02	-10.02
	INV TRANSFORMER	MV37T	520345.16	4884856.58	2	0	0	68.7	68.7	1	1645.72	3.25	0	75.33	0	0.45	0	0	3.75	0	0	0	0	0	0	-10.85	-10.85
mit. Value D/N:	0	0																									
Level D/N:	35.8717	35.8717																									

Receiver: Vacant Lot Noise Receptor
ID: VLR9
X: 521982
Y: 4885094
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	INVERTER	MV44	521154.3	4884833.37	2	0	0	100.3	100.3	1	867.77	3.25	0	69.77	0	-0.31	0	0	10.45	0	0	0	0	0	0	20.41	20.41
	INVERTER	MV45	521201.3	4884593.26	2	0	0	100.3	100.3	1	927.49	3.25	0	70.35	0	-0.28	0	0	10.66	0	0	0	0	0	0	19.58	19.58
	INVERTER	MV41	520981.28	4884667.9	2	0	0	100.3	100.3	1	1087.66	3.25	0	71.73	0	-0.2	0	0	11.19	0	0	0	0	0	0	17.6	17.6
	INVERTER	MV42	521026.63	4884437.16	2	0	0	100.3	100.3	1	1159.38	3.25	0	72.28	0	-0.17	0	0	11.41	0	0	0	0	0	0	16.79	16.79
	INVERTER	MV36	521687.36	4883832.75	2	0	0	100.3	100.3	1	1295.21	3.25	0	73.25	0	-0.11	0	0	11.79	0	0	0	0	0	0	15.39	15.39
	INVERTER	MV39	520562.49	4884730.78	2	0	0	100.3	100.3	1	1465.24	3.25	0	74.32	0	-0.05	0	0	12.24	0	0	0	0	0	0	13.8	13.8
	INVERTER	MV35	521726.44	4883606.75	2	0	0	100.3	100.3	1	1509.05	3.25	0	74.57	0	-0.03	0	0	12.35	0	0	0	0	0	0	13.42	13.42
	INVERTER	MV33	521543.7	4883556.75	2	0	0	100.3	100.3	1	1598.51	3.25	0	75.07	0	0	0	0	12.56	0	0	0	0	0	0	12.67	12.67

INVERTER	MV37	520345.66	4884850.78	2	0	0	100.3	100.3	1	1654.32	3.25	0	75.37	0	0.02	0	0	12.7	0	0	0	0	0	0	12.22	12.22
INVERTER	MV38	520380.93	4884646.78	2	0	0	100.3	100.3	1	1662.36	3.25	0	75.41	0	0.02	0	0	12.72	0	0	0	0	0	0	12.16	12.16
INVERTER	MV31	521375.47	4883526.75	2	0	0	100.3	100.3	1	1680.52	3.25	0	75.51	0	0.03	0	0	12.76	0	0	0	0	0	0	12.02	12.02
INVERTER	MV22	520936.62	4883746.98	2	0	0	100.3	100.3	1	1705.08	3.25	0	75.63	0	0.04	0	0	12.81	0	0	0	0	0	0	11.82	11.82
INVERTER	MV27	521154.04	4883596.75	2	0	0	100.3	100.3	1	1710.93	3.25	0	75.66	0	0.04	0	0	12.83	0	0	0	0	0	0	11.78	11.78
INVERTER	MV23	520969.51	4883556.75	2	0	0	100.3	100.3	1	1840.72	3.25	0	76.3	0	0.08	0	0	13.12	0	0	0	0	0	0	10.81	10.81
INVERTER	MV20	520751.73	4883708.75	2	0	0	100.3	100.3	1	1852.7	3.25	0	76.36	0	0.09	0	0	13.15	0	0	0	0	0	0	10.72	10.72
INVERTER	MV28	521190.35	4883386.75	2	0	0	100.3	100.3	1	1881.86	3.25	0	76.49	0	0.09	0	0	13.21	0	0	0	0	0	0	10.52	10.52
INVERTER	MV24	521002.3	4883366.75	2	0	0	100.3	100.3	1	1985.75	3.25	0	76.96	0	0.13	0	0	13.43	0	0	0	0	0	0	9.8	9.8
INVERTER	MV21	520786.65	4883506.75	2	0	0	100.3	100.3	1	1987.01	3.25	0	76.96	0	0.13	0	0	13.43	0	0	0	0	0	0	9.79	9.79
INVERTER	MV32	521521.23	4883686.75	2	0	0	97.3	97.3	1	1480.76	3.25	0	74.41	0	-0.04	0	0	12.28	0	0	0	0	0	0	10.67	10.67
INVERTER	MV30	521351.26	4883666.75	2	0	0	97.3	97.3	1	1560.41	3.25	0	74.86	0	-0.01	0	0	12.47	0	0	0	0	0	0	9.99	9.99
INVERTER	MV26	521131.56	4883726.75	2	0	0	97.3	97.3	1	1610.16	3.25	0	75.14	0	0.01	0	0	12.59	0	0	0	0	0	0	9.58	9.58
INVERTER	MV40	520573.85	4884258.92	2	0	0	86.1	86.1	1	1637.15	3.25	0	75.28	0	0.82	0	0	7.44	0	0	0	0	0	0	2.51	2.51
INV TRANSFORMER	MV44T	521153.69	4884839.17	2	0	0	68.7	68.7	1	866.63	3.25	0	69.76	0	0.25	0	0	2.24	0	0	0	0	0	0	-3.57	-3.57
INV TRANSFORMER	MV45T	521200.69	4884599.06	2	0	0	68.7	68.7	1	924.89	3.25	0	70.32	0	0.26	0	0	2.37	0	0	0	0	0	0	-4.27	-4.27
INV TRANSFORMER	MV41T	520981.91	4884662.11	2	0	0	68.7	68.7	1	1089.37	3.25	0	71.74	0	0.3	0	0	2.7	0	0	0	0	0	0	-6.07	-6.07
INV TRANSFORMER	MV42T	521027.26	4884431.37	2	0	0	68.7	68.7	1	1162.16	3.25	0	72.31	0	0.32	0	0	2.84	0	0	0	0	0	0	-6.79	-6.79
INV TRANSFORMER	MV36T	521686.86	4883838.56	2	0	0	68.7	68.7	1	1289.67	3.25	0	73.21	0	0.35	0	0	3.09	0	0	0	0	0	0	-7.98	-7.98
INV TRANSFORMER	MV32T	521520.73	4883692.56	2	0	0	69.6	69.6	1	1475.4	3.25	0	74.38	0	0.4	0	0	3.44	0	0	0	0	0	0	-8.64	-8.64
INV TRANSFORMER	MV30T	521350.76	4883672.56	2	0	0	69.6	69.6	1	1555.3	3.25	0	74.84	0	0.42	0	0	3.59	0	0	0	0	0	0	-9.27	-9.27
INV TRANSFORMER	MV26T	521131.06	4883732.56	2	0	0	69.6	69.6	1	1605.5	3.25	0	75.11	0	0.44	0	0	3.68	0	0	0	0	0	0	-9.65	-9.65
INV TRANSFORMER	MV39T	520562	4884736.58	2	0	0	68.7	68.7	1	1464.3	3.25	0	74.31	0	0.4	0	0	3.42	0	0	0	0	0	0	-9.45	-9.45
INV TRANSFORMER	MV40T	520573.54	4884264.74	2	0	0	69.6	69.6	1	1634.46	3.25	0	75.27	0	0.45	0	0	3.73	0	0	0	0	0	0	-9.86	-9.86
INV TRANSFORMER	MV35T	521725.94	4883612.56	2	0	0	68.7	68.7	1	1503.41	3.25	0	74.54	0	0.41	0	0	3.49	0	0	0	0	0	0	-9.77	-9.77
INV TRANSFORMER	MV33T	521543.21	4883562.56	2	0	0	68.7	68.7	1	1593.07	3.25	0	75.04	0	0.43	0	0	3.65	0	0	0	0	0	0	-10.46	-10.46
INV TRANSFORMER	MV37T	520345.16	4884856.58	2	0	0	68.7	68.7	1	1653.97	3.25	0	75.37	0	0.45	0	0	3.76	0	0	0	0	0	0	-10.91	-10.91
INV TRANSFORMER	MV38T	520380.43	4884652.58	2	0	0	68.7	68.7	1	1661.29	3.25	0	75.41	0	0.45	0	0	3.78	0	0	0	0	0	0	-10.96	-10.96
INV TRANSFORMER	MV31T	521374.97	4883532.56	2	0	0	68.7	68.7	1	1675.29	3.25	0	75.48	0	0.46	0	0	3.8	0	0	0	0	0	0	-11.06	-11.06
INV TRANSFORMER	MV22T	520936.13	4883752.78	2	0	0	68.7	68.7	1	1700.8	3.25	0	75.61	0	0.46	0	0	3.85	0	0	0	0	0	0	-11.25	-11.25
INV TRANSFORMER	MV27T	521153.54	4883602.56	2	0	0	68.7	68.7	1	1706.09	3.25	0	75.64	0	0.46	0	0	3.86	0	0	0	0	0	0	-11.28	-11.28
INV TRANSFORMER	MV23T	520969.02	4883562.56	2	0	0	68.7	68.7	1	1836.15	3.25	0	76.28	0	0.5	0	0	4.08	0	0	0	0	0	0	-12.19	-12.19
INV TRANSFORMER	MV20T	520751.23	4883714.56	2	0	0	68.7	68.7	1	1848.69	3.25	0	76.34	0	0.5	0	0	4.11	0	0	0	0	0	0	-12.27	-12.27
INV TRANSFORMER	MV28T	521189.85	4883392.56	2	0	0	68.7	68.7	1	1876.81	3.25	0	76.47	0	0.51	0	0	4.16	0	0	0	0	0	0	-12.46	-12.46
INV TRANSFORMER	MV24T	521001.8	4883372.56	2	0	0	68.7	68.7	1	1980.95	3.25	0	76.94	0	0.54	0	0	4.33	0	0	0	0	0	0	-13.13	-13.13
INV TRANSFORMER	MV21T	520786.16	4883512.56	2	0	0	68.7	68.7	1	1982.68	3.25	0	76.95	0	0.54	0	0	4.34	0	0	0	0	0	0	-13.14	-13.14

mit. Value D/N: 0 0

Level D/N: 27.5891 27.5891

Receiver: Vacant Lot Noise Receptor

ID: VLR10

X: 519032

Y: 4883494

Z: 4.5

Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	DSTATCOM UNIT	DSTAT	519479.25	4883282.56	2.5	0	0	96.6	96.6	1	494.72	3.5	0	64.89	0	2.17	0	0	0.71	0	0	0	0	0	0	28.87	28.87
	INVERTER	MV46	519569.31	4883250.26	2	0	0	97.3	97.3	1	590.01	3.25	0	66.42	0	-0.49	0	0	9.14	0	0	0	0	0	0	22.24	22.24
	INVERTER	MV8	519258.31	4882631.1	2	0	0	100.3	100.3	1	892.08	3.25	0	70.01	0	-0.3	0	0	10.54	0	0	0	0	0	0	20.07	20.07
	INVERTER	MV4	519089.82	4882595.21	2	0	0	100.3	100.3	1	900.66	3.25	0	70.09	0	-0.3	0	0	10.57	0	0	0	0	0	0	19.95	19.95
	INVERTER	MV12	519470.71	4882665.21	2	0	0	100.3	100.3	1	937.75	3.25	0	70.44	0	-0.28	0	0	10.7	0	0	0	0	0	0	19.45	19.45
	INVERTER	MV16	519639.48	4882701.1	2	0	0	100.3	100.3	1	998.86	3.25	0	70.99	0	-0.25	0	0	10.91	0	0	0	0	0	0	18.66	18.66
	INVERTER	MV9	519310.97	4882423.86	2	0	0	100.3	100.3	1	1105.9	3.25	0	71.87	0	-0.2	0	0	11.25	0	0	0	0	0	0	17.39	17.39
	INVERTER	MV5	519126.62	4882383.86	2	0	0	100.3	100.3	1	1114.16	3.25	0	71.94	0	-0.19	0	0	11.27	0	0	0	0	0	0	17.29	17.29
	INVERTER	MV11	519364.7	4882769.62	2	0	0	97.3	97.3	1	797.14	3.25	0	69.03	0	-0.35	0	0	10.17	0	0	0	0	0	0	18.47	18.47
	INVERTER	MV13	519509.24	4882443.86	2	0	0	100.3	100.3	1	1153.49	3.25	0	72.24	0	-0.17	0	0	11.39	0	0	0	0	0	0	16.86	16.86
	INVERTER	MV1	518942.28	4882343.86	2	0	0	100.3	100.3	1	1153.63	3.25	0	72.24	0	-0.17	0	0	11.39	0	0	0	0	0	0	16.85	16.85
	INVERTER	MV17	519691.86	4882493.86	2	0	0	100.3	100.3	1	1198.21	3.25	0	72.57	0	-0.15	0	0	11.52	0	0	0	0	0	0	16.38	16.38
	INVERTER	MV6	519159.47	4882193.86	2	0	0	100.3	100.3	1	1306.37	3.25	0	73.32	0	-0.11	0	0	11.82	0	0	0	0	0	0	15.28	15.28
	INVERTER	MV2	518973.41	4882163.86	2	0	0	100.3	100.3	1	1331.43	3.25	0	73.49	0	-0.1	0	0	11.89	0	0	0	0	0	0	15.03	15.03
	INVERTER	MV18	519724.65	4882303.86	2	0	0	100.3	100.3	1	1377.03	3.25	0	73.78	0	-0.08	0	0	12.01	0	0	0	0	0	0	14.6	14.6
	INVERTER	MV14	519549.01	4882213.86	2	0	0	100.3	100.3	1	1380.6	3.25	0	73.8	0	-0.08	0	0	12.02	0	0	0	0	0	0	14.57	14.57
	INVERTER	MV7	519193.98	4881993.86	2	0	0	100.3	100.3	1	1508.86	3.25	0	74.57	0	-0.03	0	0	12.35	0	0	0	0	0	0	13.42	13.42
	INVERTER	MV15	519559	4882060.35	2	0	0	100.3	100.3	1	1527.44	3.25	0	74.68	0	-0.02	0	0	12.39	0	0	0	0	0	0	13.26	13.26
	INVERTER	MV10	519383.44	4882003.86	2	0	0	100.3	100.3	1	1531.02	3.25	0	74.7	0	-0.02	0	0	12.4	0	0	0	0	0	0	13.23	13.23
	INVERTER	MV20	520751.73	4883708.75	2	0	0	100.3	100.3	1	1733.09	3.25	0	75.78	0	0.05	0	0	12.88	0	0	0	0	0	0	11.61	11.61
	INVERTER	MV21	520786.65	4883506.75	2	0	0	100.3	100.3	1	1754.7	3.25	0	75.88	0	0.05	0	0	12.93	0	0	0	0	0	0	11.45	11.45
	INVERTER	MV38	520380.93	4884646.78	2	0	0	100.3	100.3	1	1774.4	3.25	0	75.98	0	0.06	0	0	12.97	0	0	0	0	0	0	11.3	11.3
	INVERTER	MV37	520345.66	4884850.78	2	0	0	100.3	100.3	1	1888.53	3.25	0	76.52	0	0.1	0	0	13.22	0	0	0	0	0	0	10.47	10.47
	INVERTER	MV22	520936.62	4883746.98	2	0	0	100.3	100.3	1	1921.35	3.25	0	76.67	0	0.11	0	0	13.29	0	0	0	0	0	0	10.24	10.24
	INVERTER	MV23	520969.51	4883556.75	2	0	0	100.3	100.3	1	1938.53	3.25	0	76.75	0	0.11	0	0	13.33	0	0	0	0	0	0	10.12	10.12

INVERTER	MV39	520562.49	4884730.78	2	0	0	100.3	100.3	1	1967.75	3.25	0	76.88	0	0.12	0	0	13.39	0	0	0	0	0	0	9.92	9.92
INVERTER	MV24	521002.3	4883366.75	2	0	0	100.3	100.3	1	1974.41	3.25	0	76.91	0	0.12	0	0	13.41	0	0	0	0	0	0	9.87	9.87
INVERTER	MV3	518997.61	4882023.86	2	0	0	97.3	97.3	1	1470.54	3.25	0	74.35	0	-0.04	0	0	12.25	0	0	0	0	0	0	10.76	10.76
SUBSTATION TRANSFORMER	TRS	519493.37	4883252.44	3.5	0	0	87.9	87.9	1	520.78	4	0	65.33	0	-0.74	0	0	1.48	0	0	0	0	0	0	21.81	21.81
INVERTER	MV47	519833.32	4883254.23	2	0	0	89.1	89.1	1	836.43	3.25	0	69.45	0	0.65	0	0	6	0	0	0	0	0	0	12.97	12.97
LINE REACTOR	LR	519485	4883285	6.8	0	0	82	82	1	498.89	5.65	0	64.96	0	-0.81	0	0	1.43	0	0	0	0	0	0	16.4	16.4
INVERTER	MV19	519745.15	4882089.95	2	0	0	89.1	89.1	1	1574.78	3.25	0	74.94	0	0.81	0	0	7.34	0	0	0	0	0	0	5.97	5.97
INVERTER	MV40	520573.85	4884258.92	2	0	0	86.1	86.1	1	1721.16	3.25	0	75.72	0	0.84	0	0	7.58	0	0	0	0	0	0	1.92	1.92
INV TRANSFORMER	MV46T	519569.03	4883256.08	2	0	0	69.6	69.6	1	587.38	3.25	0	66.38	0	0.19	0	0	1.63	0	0	0	0	0	0	1.37	1.37
INV TRANSFORMER	MV11T	519370.5	4882770.13	2	0	0	69.6	69.6	1	799.1	3.25	0	69.05	0	0.23	0	0	2.1	0	0	0	0	0	0	-1.81	-1.81
INV TRANSFORMER	MV47T	519833.6	4883248.41	2	0	0	68.7	68.7	1	838.38	3.25	0	69.47	0	0.24	0	0	2.18	0	0	0	0	0	0	-3.22	-3.22
INV TRANSFORMER	MV4T	519089.32	4882601.01	2	0	0	68.7	68.7	1	894.83	3.25	0	70.03	0	0.25	0	0	2.3	0	0	0	0	0	0	-3.91	-3.91
INV TRANSFORMER	MV8T	519258.81	4882625.3	2	0	0	68.7	68.7	1	897.83	3.25	0	70.06	0	0.25	0	0	2.31	0	0	0	0	0	0	-3.95	-3.95
INV TRANSFORMER	MV12T	519470.22	4882671.01	2	0	0	68.7	68.7	1	932.39	3.25	0	70.39	0	0.26	0	0	2.38	0	0	0	0	0	0	-4.36	-4.36
INV TRANSFORMER	MV16T	519639.98	4882695.3	2	0	0	68.7	68.7	1	1003.78	3.25	0	71.03	0	0.28	0	0	2.53	0	0	0	0	0	0	-5.16	-5.16
INV TRANSFORMER	MV9T	519310.48	4882429.67	2	0	0	68.7	68.7	1	1100.16	3.25	0	71.83	0	0.3	0	0	2.72	0	0	0	0	0	0	-6.18	-6.18
INV TRANSFORMER	MV5T	519126.12	4882389.67	2	0	0	68.7	68.7	1	1108.34	3.25	0	71.89	0	0.31	0	0	2.74	0	0	0	0	0	0	-6.26	-6.26
INV TRANSFORMER	MV1T	518941.79	4882349.67	2	0	0	68.7	68.7	1	1147.89	3.25	0	72.2	0	0.32	0	0	2.82	0	0	0	0	0	0	-6.65	-6.65
INV TRANSFORMER	MV13T	519508.74	4882449.67	2	0	0	68.7	68.7	1	1148.01	3.25	0	72.2	0	0.32	0	0	2.82	0	0	0	0	0	0	-6.66	-6.66
INV TRANSFORMER	MV17T	519691.37	4882499.67	2	0	0	68.7	68.7	1	1193.09	3.25	0	72.53	0	0.33	0	0	2.9	0	0	0	0	0	0	-7.09	-7.09
INV TRANSFORMER	MV6T	519158.97	4882199.67	2	0	0	68.7	68.7	1	1300.55	3.25	0	73.28	0	0.36	0	0	3.11	0	0	0	0	0	0	-8.07	-8.07
INV TRANSFORMER	MV3T	518997.12	4882029.67	2	0	0	69.6	69.6	1	1464.75	3.25	0	74.32	0	0.4	0	0	3.42	0	0	0	0	0	0	-8.56	-8.56
INV TRANSFORMER	MV2T	518972.91	4882169.67	2	0	0	68.7	68.7	1	1325.65	3.25	0	73.45	0	0.36	0	0	3.16	0	0	0	0	0	0	-8.29	-8.29
INV TRANSFORMER	MV18T	519724.16	4882309.67	2	0	0	68.7	68.7	1	1371.76	3.25	0	73.75	0	0.38	0	0	3.25	0	0	0	0	0	0	-8.69	-8.69
INV TRANSFORMER	MV14T	519548.51	4882219.67	2	0	0	68.7	68.7	1	1375.03	3.25	0	73.77	0	0.38	0	0	3.25	0	0	0	0	0	0	-8.72	-8.72
INV TRANSFORMER	MV7T	519193.49	4881999.67	2	0	0	68.7	68.7	1	1503.03	3.25	0	74.54	0	0.41	0	0	3.49	0	0	0	0	0	0	-9.76	-9.76
INV TRANSFORMER	MV10T	519382.94	4882009.67	2	0	0	68.7	68.7	1	1525.26	3.25	0	74.67	0	0.42	0	0	3.53	0	0	0	0	0	0	-9.94	-9.94
INV TRANSFORMER	MV15T	519559.49	4882054.55	2	0	0	68.7	68.7	1	1533.06	3.25	0	74.71	0	0.42	0	0	3.54	0	0	0	0	0	0	-10	-10
INV TRANSFORMER	MV40T	520573.54	4884264.74	2	0	0	69.6	69.6	1	1723.48	3.25	0	75.73	0	0.47	0	0	3.89	0	0	0	0	0	0	-10.51	-10.51
INV TRANSFORMER	MV19T	519745.65	4882084.15	2	0	0	68.7	68.7	1	1580.19	3.25	0	74.97	0	0.43	0	0	3.63	0	0	0	0	0	0	-10.36	-10.36
INV TRANSFORMER	MV20T	520751.23	4883714.56	2	0	0	68.7	68.7	1	1733.32	3.25	0	75.78	0	0.47	0	0	3.9	0	0	0	0	0	0	-11.48	-11.48
INV TRANSFORMER	MV21T	520786.16	4883512.56	2	0	0	68.7	68.7	1	1754.26	3.25	0	75.88	0	0.48	0	0	3.94	0	0	0	0	0	0	-11.62	-11.62
INV TRANSFORMER	MV38T	520380.43	4884652.58	2	0	0	68.7	68.7	1	1777.8	3.25	0	76	0	0.48	0	0	3.98	0	0	0	0	0	0	-11.79	-11.79
INV TRANSFORMER	MV37T	520345.16	4884856.58	2	0	0	68.7	68.7	1	1892.36	3.25	0	76.54	0	0.51	0	0	4.18	0	0	0	0	0	0	-12.56	-12.56
INV TRANSFORMER	MV22T	520936.13	4883752.78	2	0	0	68.7	68.7	1	1921.63	3.25	0	76.67	0	0.52	0	0	4.23	0	0	0	0	0	0	-12.75	-12.75
INV TRANSFORMER	MV23T	520969.02	4883562.56	2	0	0	68.7	68.7	1	1938.23	3.25	0	76.75	0	0.53	0	0	4.26	0	0	0	0	0	0	-12.86	-12.86
INV TRANSFORMER	MV39T	520562	4884736.58	2	0	0	68.7	68.7	1	1971.02	3.25	0	76.89	0	0.54	0	0	4.32	0	0	0	0	0	0	-13.07	-13.07
INV TRANSFORMER	MV24T	521001.8	4883372.56	2	0	0	68.7	68.7	1	1973.55	3.25	0	76.9	0	0.54	0	0	4.32	0	0	0	0	0	0	-13.09	-13.09

mit. Value D/N: 0 0

Level D/N: 33.3016 33.3016

Receiver: Vacant Lot Noise Receptor

ID: VLR11

X: 522109

Y: 4885064

Z: 4.5

Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	INVERTER	MV44	521154.3	4884833.37	2	0	0	100.3	100.3	1	982.16	3.25	0	70.84	0	-0.26	0	0	10.85	0	0	0	0	0	0	18.87	18.87
	INVERTER	MV45	521201.3	4884593.26	2	0	0	100.3	100.3	1	1022.51	3.25	0	71.19	0	-0.24	0	0	10.98	0	0	0	0	0	0	18.37	18.37
	INVERTER	MV41	520981.28	4884667.9	2	0	0	100.3	100.3	1	1195.26	3.25	0	72.55	0	-0.16	0	0	11.51	0	0	0	0	0	0	16.41	16.41
	INVERTER	MV42	521026.63	4884437.16	2	0	0	100.3	100.3	1	1250.78	3.25	0	72.94	0	-0.13	0	0	11.67	0	0	0	0	0	0	15.83	15.83
	INVERTER	MV36	521687.36	4883832.75	2	0	0	100.3	100.3	1	1301.44	3.25	0	73.29	0	-0.11	0	0	11.81	0	0	0	0	0	0	15.33	15.33
	INVERTER	MV35	521726.44	4883606.75	2	0	0	100.3	100.3	1	1506.63	3.25	0	74.56	0	-0.03	0	0	12.34	0	0	0	0	0	0	13.44	13.44
	INVERTER	MV39	520562.49	4884730.78	2	0	0	100.3	100.3	1	1582	3.25	0	74.98	0	0	0	0	12.52	0	0	0	0	0	0	12.81	12.81
	INVERTER	MV33	521543.7	4883556.75	2	0	0	100.3	100.3	1	1609.77	3.25	0	75.14	0	0.01	0	0	12.59	0	0	0	0	0	0	12.58	12.58
	INVERTER	MV31	521375.47	4883526.75	2	0	0	100.3	100.3	1	1703.29	3.25	0	75.63	0	0.04	0	0	12.81	0	0	0	0	0	0	11.84	11.84
	INVERTER	MV27	521154.04	4883596.75	2	0	0	100.3	100.3	1	1750.65	3.25	0	75.86	0	0.05	0	0	12.92	0	0	0	0	0	0	11.48	11.48
	INVERTER	MV22	520936.62	4883746.98	2	0	0	100.3	100.3	1	1763.24	3.25	0	75.93	0	0.06	0	0	12.95	0	0	0	0	0	0	11.38	11.38
	INVERTER	MV37	520345.66	4884850.78	2	0	0	100.3	100.3	1	1776.19	3.25	0	75.99	0	0.06	0	0	12.98	0	0	0	0	0	0	11.28	11.28
	INVERTER	MV38	520380.93	4884646.78	2	0	0	100.3	100.3	1	1777.73	3.25	0	76	0	0.06	0	0	12.98	0	0	0	0	0	0	11.27	11.27
	INVERTER	MV23	520969.51	4883556.75	2	0	0	100.3	100.3	1	1889.5	3.25	0	76.53	0	0.1	0	0	13.23	0	0	0	0	0	0	10.46	10.46
	INVERTER	MV28	521190.35	4883386.75	2	0	0	100.3	100.3	1	1912.35	3.25	0	76.63	0	0.1	0	0	13.28	0	0	0	0	0	0	10.3	10.3
	INVERTER	MV20	520751.73	4883708.75	2	0	0	100.3	100.3	1	1918.04	3.25	0	76.66	0	0.11	0	0	13.29	0	0	0	0	0	0	10.26	10.26
	INVERTER	MV32	521521.23	4883686.75	2	0	0	97.3	97.3	1	1497.43	3.25	0	74.51	0	-0.03	0	0	12.32	0	0	0	0	0	0	10.52	10.52
	INVERTER	MV30	521351.26	4883666.75	2	0	0	97.3	97.3	1	1589.49	3.25	0	75.03	0	0	0	0	12.54	0	0	0	0	0	0	9.75	9.75
	INVERTER	MV26	521131.56	4883726.75	2	0	0	97.3	97.3	1	1656.39	3.25	0	75.38	0	0.02	0	0	12.7	0	0	0	0	0	0	9.21	9.21
	INVERTER	MV40	520573.85	4884258.92	2	0	0	86.1	86.1	1	1733.45	3.25	0	75.78	0	0.85	0	0	7.6	0	0	0	0	0	0	1.83	1.83
	INV TRANSFORMER	MV44T	521153.69	4884839.17	2	0	0	68.7	68.7	1	981.41	3.25	0	70.84	0	0.27	0	0	2.48	0	0	0	0	0	0	-4.92	-4.92
	INV TRANSFORMER	MV45T	521200.69	4884599.06	2	0	0	68.7	68.7	1	1020.4	3.25	0	71.18	0	0.28	0	0	2.56	0	0	0	0	0	0	-5.34	-5.34
	INV TRANSFORMER	MV41T	520981.91	4884662.11	2	0	0	68.7	68.7	1	1196.6	3.25	0	72.56	0	0.33	0	0	2.91	0	0	0	0	0	0	-7.12	-7.12

INV TRANSFORMER	MV42T	521027.26	4884431.37	2	0	0	68.7	68.7	1	1253.15	3.25	0	72.96	0	0.34	0	0	3.02	0	0	0	0	0	0	-7.65	-7.65
INV TRANSFORMER	MV36T	521686.86	4883838.56	2	0	0	68.7	68.7	1	1296.11	3.25	0	73.25	0	0.36	0	0	3.1	0	0	0	0	0	0	-8.03	-8.03
INV TRANSFORMER	MV32T	521520.73	4883692.56	2	0	0	69.6	69.6	1	1492.29	3.25	0	74.48	0	0.41	0	0	3.47	0	0	0	0	0	0	-8.78	-8.78
INV TRANSFORMER	MV30T	521350.76	4883672.56	2	0	0	69.6	69.6	1	1584.63	3.25	0	75	0	0.43	0	0	3.64	0	0	0	0	0	0	-9.49	-9.49
INV TRANSFORMER	MV26T	521131.06	4883732.56	2	0	0	69.6	69.6	1	1652	3.25	0	75.36	0	0.45	0	0	3.76	0	0	0	0	0	0	-9.99	-9.99
INV TRANSFORMER	MV35T	521725.94	4883612.56	2	0	0	68.7	68.7	1	1501.14	3.25	0	74.53	0	0.41	0	0	3.49	0	0	0	0	0	0	-9.75	-9.75
INV TRANSFORMER	MV40T	520573.54	4884264.74	2	0	0	69.6	69.6	1	1731.03	3.25	0	75.77	0	0.47	0	0	3.9	0	0	0	0	0	0	-10.56	-10.56
INV TRANSFORMER	MV39T	520562	4884736.58	2	0	0	68.7	68.7	1	1581.28	3.25	0	74.98	0	0.43	0	0	3.63	0	0	0	0	0	0	-10.37	-10.37
INV TRANSFORMER	MV33T	521543.21	4883562.56	2	0	0	68.7	68.7	1	1604.51	3.25	0	75.11	0	0.44	0	0	3.67	0	0	0	0	0	0	-10.54	-10.54
INV TRANSFORMER	MV31T	521374.97	4883532.56	2	0	0	68.7	68.7	1	1698.27	3.25	0	75.6	0	0.46	0	0	3.84	0	0	0	0	0	0	-11.23	-11.23
INV TRANSFORMER	MV27T	521153.54	4883602.56	2	0	0	68.7	68.7	1	1746.06	3.25	0	75.84	0	0.48	0	0	3.93	0	0	0	0	0	0	-11.57	-11.57
INV TRANSFORMER	MV22T	520936.13	4883752.78	2	0	0	68.7	68.7	1	1759.24	3.25	0	75.91	0	0.48	0	0	3.95	0	0	0	0	0	0	-11.66	-11.66
INV TRANSFORMER	MV37T	520345.16	4884856.58	2	0	0	68.7	68.7	1	1776	3.25	0	75.99	0	0.48	0	0	3.98	0	0	0	0	0	0	-11.78	-11.78
INV TRANSFORMER	MV38T	520380.43	4884652.58	2	0	0	68.7	68.7	1	1776.86	3.25	0	75.99	0	0.48	0	0	3.98	0	0	0	0	0	0	-11.78	-11.78
INV TRANSFORMER	MV23T	520969.02	4883562.56	2	0	0	68.7	68.7	1	1885.18	3.25	0	76.51	0	0.51	0	0	4.17	0	0	0	0	0	0	-12.51	-12.51
INV TRANSFORMER	MV28T	521189.85	4883392.56	2	0	0	68.7	68.7	1	1907.5	3.25	0	76.61	0	0.52	0	0	4.21	0	0	0	0	0	0	-12.66	-12.66
INV TRANSFORMER	MV20T	520751.23	4883714.56	2	0	0	68.7	68.7	1	1914.3	3.25	0	76.64	0	0.52	0	0	4.22	0	0	0	0	0	0	-12.7	-12.7

mit. Value D/N: 0 0

Level D/N: 26.5945 26.5945

Receiver: Vacant Lot Noise Receptor

ID: VLR12

X: 518431

Y: 4882960

Z: 4.5

Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	INVERTER	MV4	519089.82	4882595.21	2	0	0	100.3	100.3	1	753.07	3.25	0	68.54	0	-0.38	0	0	9.98	0	0	0	0	0	0	22.17	22.17
	INVERTER	MV1	518942.28	4882343.86	2	0	0	100.3	100.3	1	800.65	3.25	0	69.07	0	-0.35	0	0	10.18	0	0	0	0	0	0	21.41	21.41
	INVERTER	MV8	519258.31	4882631.1	2	0	0	100.3	100.3	1	890.3	3.25	0	69.99	0	-0.3	0	0	10.53	0	0	0	0	0	0	20.09	20.09
	INVERTER	MV5	519126.62	4882383.86	2	0	0	100.3	100.3	1	903.23	3.25	0	70.12	0	-0.3	0	0	10.58	0	0	0	0	0	0	19.91	19.91
	INVERTER	MV2	518973.41	4882163.86	2	0	0	100.3	100.3	1	963.35	3.25	0	70.68	0	-0.26	0	0	10.79	0	0	0	0	0	0	19.11	19.11
	INVERTER	MV9	519310.97	4882423.86	2	0	0	100.3	100.3	1	1030.44	3.25	0	71.26	0	-0.23	0	0	11.01	0	0	0	0	0	0	18.27	18.27
	INVERTER	MV6	519159.47	4882193.86	2	0	0	100.3	100.3	1	1057.18	3.25	0	71.48	0	-0.22	0	0	11.1	0	0	0	0	0	0	17.95	17.95
	INVERTER	MV12	519470.71	4882665.21	2	0	0	100.3	100.3	1	1080.7	3.25	0	71.67	0	-0.21	0	0	11.17	0	0	0	0	0	0	17.68	17.68
	INVERTER	MV13	519509.24	4882443.86	2	0	0	100.3	100.3	1	1195.41	3.25	0	72.55	0	-0.16	0	0	11.51	0	0	0	0	0	0	16.41	16.41
	INVERTER	MV7	519193.98	4881993.86	2	0	0	100.3	100.3	1	1231.09	3.25	0	72.81	0	-0.14	0	0	11.61	0	0	0	0	0	0	16.03	16.03
	INVERTER	MV16	519639.48	4882701.1	2	0	0	100.3	100.3	1	1235.91	3.25	0	72.84	0	-0.14	0	0	11.63	0	0	0	0	0	0	15.98	15.98
	INVERTER	MV14	519549.01	4882213.86	2	0	0	100.3	100.3	1	1344.12	3.25	0	73.57	0	-0.09	0	0	11.92	0	0	0	0	0	0	14.91	14.91
	INVERTER	MV17	519691.86	4882493.86	2	0	0	100.3	100.3	1	1344.27	3.25	0	73.57	0	-0.09	0	0	11.92	0	0	0	0	0	0	14.91	14.91
	INVERTER	MV11	519364.7	4882769.62	2	0	0	97.3	97.3	1	952.91	3.25	0	70.58	0	-0.27	0	0	10.75	0	0	0	0	0	0	16.25	16.25
	INVERTER	MV10	519383.44	4882003.86	2	0	0	100.3	100.3	1	1349.57	3.25	0	73.6	0	-0.09	0	0	11.94	0	0	0	0	0	0	14.86	14.86
	INVERTER	MV15	519559	4882060.35	2	0	0	100.3	100.3	1	1442.83	3.25	0	74.18	0	-0.06	0	0	12.18	0	0	0	0	0	0	14	14
	INVERTER	MV18	519724.65	4882303.86	2	0	0	100.3	100.3	1	1450.54	3.25	0	74.23	0	-0.05	0	0	12.2	0	0	0	0	0	0	13.93	13.93
	INVERTER	MV3	518997.61	4882023.86	2	0	0	97.3	97.3	1	1094.26	3.25	0	71.78	0	-0.2	0	0	11.21	0	0	0	0	0	0	14.52	14.52
	INVERTER	MV46	519569.31	4883250.26	2	0	0	97.3	97.3	1	1174.73	3.25	0	72.4	0	-0.17	0	0	11.45	0	0	0	0	0	0	13.63	13.63
	DSTATCOM UNIT	DSTAT	519479.25	4883282.56	2.5	0	0	96.6	96.6	1	1096.76	3.5	0	71.8	0	2.98	0	0	1.14	0	0	0	0	0	0	20.71	20.71
	SUBSTATION TRANSFORMER	TRS	519493.37	4883252.44	3.5	0	0	87.9	87.9	1	1101.89	4	0	71.84	0	-0.8	0	0	2.72	0	0	0	0	0	0	14.1	14.1
	INVERTER	MV47	519833.32	4883254.23	2	0	0	89.1	89.1	1	1432.86	3.25	0	74.12	0	0.78	0	0	7.09	0	0	0	0	0	0	7.06	7.06
	INVERTER	MV19	519745.15	4882089.95	2	0	0	89.1	89.1	1	1576.07	3.25	0	74.95	0	0.81	0	0	7.34	0	0	0	0	0	0	5.96	5.96
	LINE REACTOR	LR	519485	4883285	6.8	0	0	82	82	1	1102.97	5.65	0	71.85	0	-1.05	0	0	2.73	0	0	0	0	0	0	8.45	8.45
	INV TRANSFORMER	MV4T	519089.32	4882601.01	2	0	0	68.7	68.7	1	749.84	3.25	0	68.5	0	0.22	0	0	2	0	0	0	0	0	0	-2.04	-2.04
	INV TRANSFORMER	MV1T	518941.79	4882349.67	2	0	0	68.7	68.7	1	795.87	3.25	0	69.02	0	0.23	0	0	2.09	0	0	0	0	0	0	-2.66	-2.66
	INV TRANSFORMER	MV11T	519370.5	4882770.13	2	0	0	69.6	69.6	1	958.5	3.25	0	70.63	0	0.27	0	0	2.44	0	0	0	0	0	0	-3.76	-3.76
	INV TRANSFORMER	MV8T	519258.81	4882625.3	2	0	0	68.7	68.7	1	892.92	3.25	0	70.02	0	0.25	0	0	2.3	0	0	0	0	0	0	-3.89	-3.89
	INV TRANSFORMER	MV5T	519126.12	4882389.67	2	0	0	68.7	68.7	1	899.15	3.25	0	70.08	0	0.25	0	0	2.31	0	0	0	0	0	0	-3.97	-3.97
	INV TRANSFORMER	MV2T	518972.91	4882169.67	2	0	0	68.7	68.7	1	958.28	3.25	0	70.63	0	0.27	0	0	2.43	0	0	0	0	0	0	-4.66	-4.66
	INV TRANSFORMER	MV3T	518997.12	4882029.67	2	0	0	69.6	69.6	1	1089.04	3.25	0	71.74	0	0.3	0	0	2.7	0	0	0	0	0	0	-5.17	-5.17
	INV TRANSFORMER	MV9T	519310.48	4882429.67	2	0	0	68.7	68.7	1	1027	3.25	0	71.23	0	0.29	0	0	2.57	0	0	0	0	0	0	-5.42	-5.42
	INV TRANSFORMER	MV6T	519158.97	4882199.67	2	0	0	68.7	68.7	1	1052.64	3.25	0	71.45	0	0.29	0	0	2.63	0	0	0	0	0	0	-5.69	-5.69
	INV TRANSFORMER	MV46T	519569.03	4883256.08	2	0	0	69.6	69.6	1	1175.92	3.25	0	72.41	0	0.32	0	0	2.87	0	0	0	0	0	0	-6.03	-6.03
	INV TRANSFORMER	MV12T	519470.22	4882671.01	2	0	0	68.7	68.7	1	1078.66	3.25	0	71.66	0	0.3	0	0	2.68	0	0	0	0	0	0	-5.96	-5.96
	INV TRANSFORMER	MV13T	519508.74	4882449.67	2	0	0	68.7	68.7	1	1192.47	3.25	0	72.53	0	0.33	0	0	2.9	0	0	0	0	0	0	-7.08	-7.08
	INV TRANSFORMER	MV7T	519193.49	4881999.67	2	0	0	68.7	68.7	1	1226.23	3.25	0	72.77	0	0.34	0	0	2.97	0	0	0	0	0	0	-7.4	-7.4
	INV TRANSFORMER	MV16T	519639.98	4882695.3	2	0	0	68.7	68.7	1	1237.62	3.25	0	72.85	0	0.34	0	0	2.99	0	0	0	0	0	0	-7.51	-7.51
	INV TRANSFORMER	MV14T	519548.51	4882219.67	2	0	0	68.7	68.7	1	1340.49	3.25	0	73.55	0	0.37	0	0	3.19	0	0	0	0	0	0	-8.42	-8.42
	INV TRANSFORMER	MV17T	519691.37	4882499.67	2	0	0	68.7	68.7	1	1341.81	3.25	0	73.55	0	0.37	0	0	3.19	0	0	0	0	0	0	-8.43	-8.43
	INV TRANSFORMER	MV10T	519382.94	4882009.67	2	0	0	68.7	68.7	1	1345.12	3.25	0	73.58	0	0.37	0	0	3.2	0	0	0	0	0	0	-8.46	-8.46
	INV TRANSFORMER	MV47T	519833.6	4883248.41	2	0	0	68.7	68.7	1	1431.95	3.25	0	74.12	0	0.39	0	0	3.36	0	0	0	0	0	0	-9.19	-9.19
	INV TRANSFORMER	MV15T	519559.49	4882054.55	2	0	0	68.7	68.7	1	1446.84	3.25	0	74.21	0	0.4	0	0	3.39	0	0	0	0	0	0	-9.31	-9.31
	INV TRANSFORMER	MV18T	519724.16	4882309.67	2	0	0	68.7	68.7	1	1447.48	3.25	0	74.21	0	0.4	0	0	3.39	0	0	0	0	0	0	-9.32	-9.32

	INV TRANSFORMER	MV19T	519745.65	4882084.15	2	0	0	68.7	68.7	1	1579.69	3.25	0	74.97	0	0.43	0	0	3.63	0	0	0	0	0	0	-10.36	-10.36
mit. Value D/N:	0	0																								
Level D/N:	31.1319	31.1319																								

Receiver: Vacant Lot Noise Receptor
ID: VLR13
X: 519254
Y: 4883529
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	DSTATCOM UNIT	DSTAT	519479.25	4883282.56	2.5	0	0	96.6	96.6	1	333.88	3.5	0	61.47	0	1.87	0	0	0.57	0	0	0	0	0	0	32.72	32.72
	INVERTER	MV46	519569.31	4883250.26	2	0	0	97.3	97.3	1	420.86	3.25	0	63.48	0	-0.61	0	0	7.83	0	0	0	0	0	0	26.6	26.6
	INVERTER	MV12	519470.71	4882665.21	2	0	0	100.3	100.3	1	890.57	3.25	0	69.99	0	-0.3	0	0	10.53	0	0	0	0	0	0	20.09	20.09
	INVERTER	MV8	519258.31	4882631.1	2	0	0	100.3	100.3	1	897.91	3.25	0	70.06	0	-0.3	0	0	10.56	0	0	0	0	0	0	19.99	19.99
	INVERTER	MV16	519639.48	4882701.1	2	0	0	100.3	100.3	1	913.25	3.25	0	70.21	0	-0.29	0	0	10.61	0	0	0	0	0	0	19.78	19.78
	INVERTER	MV4	519089.82	4882595.21	2	0	0	100.3	100.3	1	948.12	3.25	0	70.54	0	-0.27	0	0	10.74	0	0	0	0	0	0	19.31	19.31
	INVERTER	MV11	519364.7	4882769.62	2	0	0	97.3	97.3	1	767.41	3.25	0	68.7	0	-0.37	0	0	10.04	0	0	0	0	0	0	18.94	18.94
	INVERTER	MV9	519310.97	4882423.86	2	0	0	100.3	100.3	1	1106.61	3.25	0	71.88	0	-0.2	0	0	11.25	0	0	0	0	0	0	17.38	17.38
	INVERTER	MV13	519509.24	4882443.86	2	0	0	100.3	100.3	1	1114.75	3.25	0	71.94	0	-0.19	0	0	11.27	0	0	0	0	0	0	17.29	17.29
	INVERTER	MV17	519691.86	4882493.86	2	0	0	100.3	100.3	1	1123.94	3.25	0	72.01	0	-0.19	0	0	11.3	0	0	0	0	0	0	17.18	17.18
	INVERTER	MV5	519126.62	4882383.86	2	0	0	100.3	100.3	1	1152.2	3.25	0	72.23	0	-0.18	0	0	11.39	0	0	0	0	0	0	16.87	16.87
	INVERTER	MV1	518942.28	4882343.86	2	0	0	100.3	100.3	1	1225.45	3.25	0	72.77	0	-0.14	0	0	11.6	0	0	0	0	0	0	16.09	16.09
	INVERTER	MV18	519724.65	4882303.86	2	0	0	100.3	100.3	1	1312.43	3.25	0	73.36	0	-0.11	0	0	11.84	0	0	0	0	0	0	15.22	15.22
	INVERTER	MV6	519159.47	4882193.86	2	0	0	100.3	100.3	1	1338.48	3.25	0	73.53	0	-0.1	0	0	11.91	0	0	0	0	0	0	14.97	14.97
	INVERTER	MV14	519549.01	4882213.86	2	0	0	100.3	100.3	1	1347.82	3.25	0	73.59	0	-0.09	0	0	11.93	0	0	0	0	0	0	14.88	14.88
	INVERTER	MV2	518973.41	4882163.86	2	0	0	100.3	100.3	1	1393.68	3.25	0	73.88	0	-0.07	0	0	12.05	0	0	0	0	0	0	14.45	14.45
	INVERTER	MV15	519559	4882060.35	2	0	0	100.3	100.3	1	1499.99	3.25	0	74.52	0	-0.03	0	0	12.32	0	0	0	0	0	0	13.5	13.5
	INVERTER	MV20	520751.73	4883708.75	2	0	0	100.3	100.3	1	1508.48	3.25	0	74.57	0	-0.03	0	0	12.35	0	0	0	0	0	0	13.43	13.43
	INVERTER	MV10	519383.44	4882003.86	2	0	0	100.3	100.3	1	1530.62	3.25	0	74.7	0	-0.02	0	0	12.4	0	0	0	0	0	0	13.24	13.24
	SUBSTATION TRANSFORMER	TRS	519493.37	4883252.44	3.5	0	0	87.9	87.9	1	365.77	4	0	62.26	0	-0.61	0	0	1.1	0	0	0	0	0	0	25.12	25.12
	INVERTER	MV21	520786.65	4883506.75	2	0	0	100.3	100.3	1	1532.82	3.25	0	74.71	0	-0.02	0	0	12.41	0	0	0	0	0	0	13.22	13.22
	INVERTER	MV7	519193.98	4881993.86	2	0	0	100.3	100.3	1	1536.31	3.25	0	74.73	0	-0.02	0	0	12.41	0	0	0	0	0	0	13.19	13.19
	INVERTER	MV38	520380.93	4884646.78	2	0	0	100.3	100.3	1	1587.26	3.25	0	75.01	0	0	0	0	12.54	0	0	0	0	0	0	12.76	12.76
	INVERTER	MV22	520936.62	4883746.98	2	0	0	100.3	100.3	1	1696.68	3.25	0	75.59	0	0.04	0	0	12.79	0	0	0	0	0	0	11.89	11.89
	INVERTER	MV37	520345.66	4884850.78	2	0	0	100.3	100.3	1	1714.3	3.25	0	75.68	0	0.04	0	0	12.84	0	0	0	0	0	0	11.75	11.75
	INVERTER	MV23	520969.51	4883556.75	2	0	0	100.3	100.3	1	1715.74	3.25	0	75.69	0	0.04	0	0	12.84	0	0	0	0	0	0	11.74	11.74
	INVERTER	MV24	521002.3	4883366.75	2	0	0	100.3	100.3	1	1755.81	3.25	0	75.89	0	0.06	0	0	12.93	0	0	0	0	0	0	11.44	11.44
	INVERTER	MV39	520562.49	4884730.78	2	0	0	100.3	100.3	1	1776.63	3.25	0	75.99	0	0.06	0	0	12.98	0	0	0	0	0	0	11.28	11.28
	INVERTER	MV25	521036.94	4883166.75	2	0	0	100.3	100.3	1	1819.37	3.25	0	76.2	0	0.08	0	0	13.07	0	0	0	0	0	0	10.97	10.97
	INVERTER	MV27	521154.04	4883596.75	2	0	0	100.3	100.3	1	1901.25	3.25	0	76.58	0	0.1	0	0	13.25	0	0	0	0	0	0	10.38	10.38
	INVERTER	MV28	521190.35	4883386.75	2	0	0	100.3	100.3	1	1941.56	3.25	0	76.76	0	0.11	0	0	13.34	0	0	0	0	0	0	10.1	10.1
	INVERTER	MV42	521026.63	4884437.16	2	0	0	100.3	100.3	1	1991.73	3.25	0	76.98	0	0.13	0	0	13.44	0	0	0	0	0	0	9.76	9.76
	INVERTER	MV29	521223.2	4883196.75	2	0	0	100.3	100.3	1	1997.03	3.25	0	77.01	0	0.13	0	0	13.46	0	0	0	0	0	0	9.72	9.72
	INVERTER	MV3	518997.61	4882023.86	2	0	0	97.3	97.3	1	1526.82	3.25	0	74.68	0	-0.02	0	0	12.39	0	0	0	0	0	0	10.27	10.27
	INVERTER	MV47	519833.32	4883254.23	2	0	0	89.1	89.1	1	641.19	3.25	0	67.14	0	0.59	0	0	5.56	0	0	0	0	0	0	15.77	15.77
	INVERTER	MV26	521131.56	4883726.75	2	0	0	97.3	97.3	1	1887.95	3.25	0	76.52	0	0.1	0	0	13.22	0	0	0	0	0	0	7.47	7.47
	LINE REACTOR	LR	519485	4883285	6.8	0	0	82	82	1	336.01	5.65	0	61.53	0	-0.55	0	0	1.03	0	0	0	0	0	0	19.97	19.97
	INVERTER	MV19	519745.15	4882089.95	2	0	0	89.1	89.1	1	1520.56	3.25	0	74.64	0	0.8	0	0	7.24	0	0	0	0	0	0	6.38	6.38
	INVERTER	MV40	520573.85	4884258.92	2	0	0	86.1	86.1	1	1508.24	3.25	0	74.57	0	0.79	0	0	7.22	0	0	0	0	0	0	3.47	3.47
	INV TRANSFORMER	MV46T	519569.03	4883256.08	2	0	0	69.6	69.6	1	416.82	3.25	0	63.4	0	0.2	0	0	1.23	0	0	0	0	0	0	4.75	4.75
	INV TRANSFORMER	MV47T	519833.6	4883248.41	2	0	0	68.7	68.7	1	643.95	3.25	0	67.18	0	0.2	0	0	1.76	0	0	0	0	0	0	-0.46	-0.46
	INV TRANSFORMER	MV11T	519370.5	4882770.13	2	0	0	69.6	69.6	1	767.76	3.25	0	68.7	0	0.22	0	0	2.03	0	0	0	0	0	0	-1.38	-1.38
	INV TRANSFORMER	MV12T	519470.22	4882671.01	2	0	0	68.7	68.7	1	884.82	3.25	0	69.94	0	0.25	0	0	2.28	0	0	0	0	0	0	-3.79	-3.79
	INV TRANSFORMER	MV8T	519258.81	4882625.3	2	0	0	68.7	68.7	1	903.72	3.25	0	70.12	0	0.25	0	0	2.32	0	0	0	0	0	0	-4.02	-4.02
	INV TRANSFORMER	MV16T	519639.98	4882695.3	2	0	0	68.7	68.7	1	918.72	3.25	0	70.26	0	0.26	0	0	2.35	0	0	0	0	0	0	-4.2	-4.2
	INV TRANSFORMER	MV4T	519089.32	4882601.01	2	0	0	68.7	68.7	1	942.49	3.25	0	70.49	0	0.26	0	0	2.4	0	0	0	0	0	0	-4.48	-4.48
	INV TRANSFORMER	MV9T	519310.48	4882429.67	2	0	0	68.7	68.7	1	1100.78	3.25	0	71.83	0	0.31	0	0	2.72	0	0	0	0	0	0	-6.18	-6.18
	INV TRANSFORMER	MV13T	519508.74	4882449.67	2	0	0	68.7	68.7	1	1108.99	3.25	0	71.9	0	0.31	0	0	2.74	0	0	0	0	0	0	-6.27	-6.27
	INV TRANSFORMER	MV17T	519691.37	4882499.67	2	0	0	68.7	68.7	1	1118.4	3.25	0	71.97	0	0.31	0	0	2.76	0	0	0	0	0	0	-6.36	-6.36
	INV TRANSFORMER	MV5T	519126.12	4882389.67	2	0	0	68.7	68.7	1	1146.49	3.25	0	72.19	0	0.32	0	0	2.81	0	0	0	0	0	0	-6.64	-6.64
	INV TRANSFORMER	MV1T	518941.79	4882349.67	2	0	0	68.7	68.7	1	1219.96	3.25	0	72.73	0	0.34	0	0	2.96	0	0	0	0	0	0	-7.34	-7.34
	INV TRANSFORMER	MV18T	519724.16	4882309.67	2	0	0	68.7	68.7	1	1306.84	3.25	0	73.32	0	0.36	0	0	3.12	0	0	0	0	0	0	-8.13	-8.13
	INV TRANSFORMER	MV6T	519158.97	4882199.67	2	0	0	68.7	68.7	1	1332.73	3.25	0	73.49	0	0.37	0	0	3.17	0	0	0	0	0	0	-8.36	-8.36
	INV TRANSFORMER	MV14T	519548.51	4882219.67	2	0	0	68.7	68.7	1	1342.05	3.25	0	73.56	0	0.37	0	0	3.19	0	0	0	0	0	0	-8.44	-8.44
	INV TRANSFORMER	MV40T	520573.54	4884264.74	2	0	0	69.6	69.6	1	1510.79	3.25	0	74.58	0	0.41	0	0	3.5	0	0	0	0	0	0	-8.92	-8.92
	INV TRANSFORMER	MV3T	518997.12	4882029.67	2	0	0	69.6	69.6	1	1521.18	3.25	0	74.64	0	0.42	0	0	3.52	0	0	0	0	0	0	-9.01	-9.01
	INV TRANSFORMER	MV2T	518972.91	4882169.67	2	0	0	68.7	68.7	1	1388.09	3.25	0	73.85	0	0.38	0	0	3.28	0	0	0	0	0	0	-8.83	-8.83
	INV TRANSFORMER	MV15T	519559.49	4882054.55	2	0	0	68.7	68.7	1	1505.77	3.25	0	74.56	0	0.41	0	0	3.49	0	0	0	0	0	0	-9.78	-9.78
	INV TRANSFORMER	MV20T	520751.23	4883714.56	2	0	0	68.7	68.7	1	1508.69	3.25	0	74.57	0	0.41	0	0	3.5	0	0	0	0	0	0	-9.81	-9.81
	INV TRANSFORMER	MV10T	519382.94	4882009.67	2	0	0	68.7	68.7	1	1524.8	3.25	0	74.66	0	0.42	0	0	3.53	0	0	0	0	0	0	-9.93	-9.93

INV TRANSFORMER	MV19T	519745.65	4882084.15	2	0	0	68.7	68.7	1	1526.21	3.25	0	74.67	0	0.42	0	0	3.53	0	0	0	0	0	0	-9.94	-9.94
INV TRANSFORMER	MV7T	519193.49	4881999.67	2	0	0	68.7	68.7	1	1530.53	3.25	0	74.7	0	0.42	0	0	3.54	0	0	0	0	0	0	-9.98	-9.98
INV TRANSFORMER	MV21T	520786.16	4883512.56	2	0	0	68.7	68.7	1	1532.25	3.25	0	74.71	0	0.42	0	0	3.54	0	0	0	0	0	0	-9.99	-9.99
INV TRANSFORMER	MV38T	520380.43	4884652.58	2	0	0	68.7	68.7	1	1591	3.25	0	75.03	0	0.43	0	0	3.65	0	0	0	0	0	0	-10.44	-10.44
INV TRANSFORMER	MV22T	520936.13	4883752.78	2	0	0	68.7	68.7	1	1696.95	3.25	0	75.59	0	0.46	0	0	3.84	0	0	0	0	0	0	-11.22	-11.22
INV TRANSFORMER	MV26T	521131.06	4883732.56	2	0	0	69.6	69.6	1	1888.07	3.25	0	76.52	0	0.51	0	0	4.17	0	0	0	0	0	0	-11.63	-11.63
INV TRANSFORMER	MV23T	520969.02	4883562.56	2	0	0	68.7	68.7	1	1715.35	3.25	0	75.69	0	0.47	0	0	3.87	0	0	0	0	0	0	-11.35	-11.35
INV TRANSFORMER	MV37T	520345.16	4884856.58	2	0	0	68.7	68.7	1	1718.46	3.25	0	75.7	0	0.47	0	0	3.88	0	0	0	0	0	0	-11.37	-11.37
INV TRANSFORMER	MV24T	521001.8	4883372.56	2	0	0	68.7	68.7	1	1754.79	3.25	0	75.88	0	0.48	0	0	3.94	0	0	0	0	0	0	-11.63	-11.63
INV TRANSFORMER	MV39T	520562	4884736.58	2	0	0	68.7	68.7	1	1780.2	3.25	0	76.01	0	0.48	0	0	3.99	0	0	0	0	0	0	-11.8	-11.8
INV TRANSFORMER	MV25T	521036.45	4883172.56	2	0	0	68.7	68.7	1	1817.74	3.25	0	76.19	0	0.49	0	0	4.05	0	0	0	0	0	0	-12.06	-12.06
INV TRANSFORMER	MV27T	521153.54	4883602.56	2	0	0	68.7	68.7	1	1900.97	3.25	0	76.58	0	0.52	0	0	4.2	0	0	0	0	0	0	-12.62	-12.62
INV TRANSFORMER	MV28T	521189.85	4883392.56	2	0	0	68.7	68.7	1	1940.65	3.25	0	76.76	0	0.53	0	0	4.27	0	0	0	0	0	0	-12.88	-12.88
INV TRANSFORMER	MV42T	521027.26	4884431.37	2	0	0	68.7	68.7	1	1989.66	3.25	0	76.98	0	0.54	0	0	4.35	0	0	0	0	0	0	-13.19	-13.19
INV TRANSFORMER	MV29T	521222.7	4883202.56	2	0	0	68.7	68.7	1	1995.58	3.25	0	77	0	0.54	0	0	4.36	0	0	0	0	0	0	-13.23	-13.23
mit. Value D/N:	0	0																							
Level D/N:	35.9182	35.9182																							

Receiver: Project land owner receptor
ID: P1
X: 518788
Y: 4882517
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	INVERTER	MV1	518942.28	4882343.86	2	0	0	100.3	100.3	1	231.92	3.25	0	58.31	0	-0.6	0	0	5.32	0	0	0	0	0	0	37.28	37.28
	INVERTER	MV4	519089.82	4882595.21	2	0	0	100.3	100.3	1	311.79	3.25	0	60.88	0	-0.65	0	0	6.56	0	0	0	0	0	0	33.52	33.52
	INVERTER	MV5	519126.62	4882383.86	2	0	0	100.3	100.3	1	363.86	3.25	0	62.22	0	-0.64	0	0	7.22	0	0	0	0	0	0	31.51	31.51
	INVERTER	MV2	518973.41	4882163.86	2	0	0	100.3	100.3	1	398.86	3.25	0	63.02	0	-0.62	0	0	7.61	0	0	0	0	0	0	30.31	30.31
	INVERTER	MV8	519258.31	4882631.1	2	0	0	100.3	100.3	1	483.96	3.25	0	64.7	0	-0.56	0	0	8.4	0	0	0	0	0	0	27.78	27.78
	INVERTER	MV6	519159.47	4882193.86	2	0	0	100.3	100.3	1	492.35	3.25	0	64.85	0	-0.56	0	0	8.47	0	0	0	0	0	0	27.56	27.56
	INVERTER	MV9	519310.97	4882423.86	2	0	0	100.3	100.3	1	531.21	3.25	0	65.51	0	-0.53	0	0	8.76	0	0	0	0	0	0	26.58	26.58
	INVERTER	MV7	519193.98	4881993.86	2	0	0	100.3	100.3	1	662.19	3.25	0	67.42	0	-0.44	0	0	9.55	0	0	0	0	0	0	23.78	23.78
	INVERTER	MV12	519470.71	4882665.21	2	0	0	100.3	100.3	1	698.62	3.25	0	67.88	0	-0.41	0	0	9.73	0	0	0	0	0	0	23.11	23.11
	INVERTER	MV13	519509.24	4882443.86	2	0	0	100.3	100.3	1	724.94	3.25	0	68.21	0	-0.4	0	0	9.85	0	0	0	0	0	0	22.65	22.65
	INVERTER	MV3	518997.61	4882023.86	2	0	0	97.3	97.3	1	535.84	3.25	0	65.58	0	-0.52	0	0	8.79	0	0	0	0	0	0	23.47	23.47
	INVERTER	MV10	519383.44	4882003.86	2	0	0	100.3	100.3	1	786.04	3.25	0	68.91	0	-0.36	0	0	10.12	0	0	0	0	0	0	21.64	21.64
	INVERTER	MV14	519549.01	4882213.86	2	0	0	100.3	100.3	1	819.16	3.25	0	69.27	0	-0.34	0	0	10.26	0	0	0	0	0	0	21.13	21.13
	INVERTER	MV16	519639.48	4882701.1	2	0	0	100.3	100.3	1	871.16	3.25	0	69.8	0	-0.31	0	0	10.46	0	0	0	0	0	0	20.36	20.36
	INVERTER	MV11	519364.7	4882769.62	2	0	0	97.3	97.3	1	629.6	3.25	0	66.98	0	-0.46	0	0	9.37	0	0	0	0	0	0	21.41	21.41
	INVERTER	MV15	519559	4882060.35	2	0	0	100.3	100.3	1	896.09	3.25	0	70.05	0	-0.3	0	0	10.55	0	0	0	0	0	0	20.01	20.01
	INVERTER	MV17	519691.86	4882493.86	2	0	0	100.3	100.3	1	904.16	3.25	0	70.12	0	-0.29	0	0	10.58	0	0	0	0	0	0	19.9	19.9
	INVERTER	MV18	519724.65	4882303.86	2	0	0	100.3	100.3	1	960.6	3.25	0	70.65	0	-0.27	0	0	10.78	0	0	0	0	0	0	19.15	19.15
	INVERTER	MV46	519569.31	4883250.26	2	0	0	97.3	97.3	1	1071.5	3.25	0	71.6	0	-0.21	0	0	11.14	0	0	0	0	0	0	14.78	14.78
	DSTATCOM UNIT	DSTAT	519479.25	4883282.56	2.5	0	0	96.6	96.6	1	1031.46	3.5	0	71.27	0	2.94	0	0	1.1	0	0	0	0	0	0	21.33	21.33
	INVERTER	MV19	519745.15	4882089.95	2	0	0	89.1	89.1	1	1048.1	3.25	0	71.41	0	0.7	0	0	6.41	0	0	0	0	0	0	10.55	10.55
	SUBSTATION TRANSFORMER	TRS	519493.37	4883252.44	3.5	0	0	87.9	87.9	1	1019.03	4	0	71.16	0	-0.8	0	0	2.56	0	0	0	0	0	0	14.95	14.95
	INVERTER	MV47	519833.32	4883254.23	2	0	0	89.1	89.1	1	1279.15	3.25	0	73.14	0	0.74	0	0	6.82	0	0	0	0	0	0	8.35	8.35
	LINE REACTOR	LR	519485	4883285	6.8	0	0	82	82	1	1037.13	5.65	0	71.32	0	-1.04	0	0	2.59	0	0	0	0	0	0	9.11	9.11
	INV TRANSFORMER	MV1T	518941.79	4882349.67	2	0	0	68.7	68.7	1	227.28	3.25	0	58.13	0	0.41	0	0	0.74	0	0	0	0	0	0	9.39	9.39
	INV TRANSFORMER	MV4T	519089.32	4882601.01	2	0	0	68.7	68.7	1	312.82	3.25	0	60.91	0	0.27	0	0	0.97	0	0	0	0	0	0	6.53	6.53
	INV TRANSFORMER	MV5T	519126.12	4882389.67	2	0	0	68.7	68.7	1	361.31	3.25	0	62.16	0	0.23	0	0	1.09	0	0	0	0	0	0	5.2	5.2
	INV TRANSFORMER	MV2T	518972.91	4882169.67	2	0	0	68.7	68.7	1	393.49	3.25	0	62.9	0	0.21	0	0	1.17	0	0	0	0	0	0	4.39	4.39
	INV TRANSFORMER	MV3T	518997.12	4882029.67	2	0	0	69.6	69.6	1	530.31	3.25	0	65.49	0	0.19	0	0	1.5	0	0	0	0	0	0	2.4	2.4
	INV TRANSFORMER	MV8T	519258.81	4882625.3	2	0	0	68.7	68.7	1	483.11	3.25	0	64.68	0	0.19	0	0	1.39	0	0	0	0	0	0	2.42	2.42
	INV TRANSFORMER	MV6T	519158.97	4882199.67	2	0	0	68.7	68.7	1	488.19	3.25	0	64.77	0	0.19	0	0	1.4	0	0	0	0	0	0	2.31	2.31
	INV TRANSFORMER	MV9T	519310.48	4882429.67	2	0	0	68.7	68.7	1	529.73	3.25	0	65.48	0	0.19	0	0	1.5	0	0	0	0	0	0	1.51	1.51
	INV TRANSFORMER	MV11T	519370.5	4882770.13	2	0	0	69.6	69.6	1	635.13	3.25	0	67.06	0	0.2	0	0	1.74	0	0	0	0	0	0	0.58	0.58
	INV TRANSFORMER	MV7T	519193.49	4881999.67	2	0	0	68.7	68.7	1	657.31	3.25	0	67.36	0	0.2	0	0	1.79	0	0	0	0	0	0	-0.67	-0.67
	INV TRANSFORMER	MV12T	519470.22	4882671.01	2	0	0	68.7	68.7	1	699.39	3.25	0	67.89	0	0.21	0	0	1.88	0	0	0	0	0	0	-1.31	-1.31
	INV TRANSFORMER	MV13T	519508.74	4882449.67	2	0	0	68.7	68.7	1	723.88	3.25	0	68.19	0	0.21	0	0	1.94	0	0	0	0	0	0	-1.67	-1.67
	INV TRANSFORMER	MV10T	519382.94	4882009.67	2	0	0	68.7	68.7	1	781.89	3.25	0	68.86	0	0.23	0	0	2.06	0	0	0	0	0	0	-2.48	-2.48
	INV TRANSFORMER	MV14T	519548.51	4882219.67	2	0	0	68.7	68.7	1	816.57	3.25	0	69.24	0	0.23	0	0	2.14	0	0	0	0	0	0	-2.94	-2.94
	INV TRANSFORMER	MV16T	519639.98	4882695.3	2	0	0	68.7	68.7	1	870.44	3.25	0	69.79	0	0.25	0	0	2.25	0	0	0	0	0	0	-3.62	-3.62
	INV TRANSFORMER	MV15T	519559.49	4882054.55	2	0	0	68.7	68.7	1	899.49	3.25	0	70.08	0	0.25	0	0	2.31	0	0	0	0	0	0	-3.97	-3.97
	INV TRANSFORMER	MV17T	519691.37	4882499.67	2	0	0	68.7	68.7	1	903.54	3.25	0	70.12	0	0.25	0	0	2.32	0	0	0	0	0	0	-4.02	-4.02
	INV TRANSFORMER	MV18T	519724.16	4882309.67	2	0	0	68.7	68.7	1	958.84	3.25	0	70.63	0	0.27	0	0	2.44	0	0	0	0	0	0	-4.66	-4.66
	INV TRANSFORMER	MV46T	519569.03	4883256.08	2	0	0	69.6	69.6	1	1075.29	3.25	0	71.63	0	0.3	0	0	2.67	0	0	0	0	0	0	-5.02	-5.02
	INV TRANSFORMER	MV19T	519745.65	4882084.15	2	0	0	68.7	68.7	1	1050.93	3.25	0	71.43	0	0.29	0	0	2.62	0	0	0	0	0	0	-5.67	-5.67
	INV TRANSFORMER	MV47T	519833.6	4883248.41	2	0	0	68.7	68.7	1	1276.03	3.25	0	73.12	0	0.35	0	0	3.06	0	0	0	0	0	0	-7.86	-7.86
mit. Value D/N:	0	0																									

Level D/N: 41.341 41.341

Receiver: Project land owner receptor
ID: P2
X: 518692
Y: 4882037
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	INVERTER	MV2	518973.41	4882163.86	2	0	0	100.3	100.3	1	308.69	3.25	0	60.79	0	-0.65	0	0	6.52	0	0	0	0	0	0	33.65	33.65
	INVERTER	MV1	518942.28	4882343.86	2	0	0	100.3	100.3	1	396	3.25	0	62.95	0	-0.62	0	0	7.58	0	0	0	0	0	0	30.4	30.4
	INVERTER	MV3	518997.61	4882023.86	2	0	0	97.3	97.3	1	305.91	3.25	0	60.71	0	-0.65	0	0	6.48	0	0	0	0	0	0	30.77	30.77
	INVERTER	MV6	519159.47	4882193.86	2	0	0	100.3	100.3	1	493.09	3.25	0	64.86	0	-0.56	0	0	8.47	0	0	0	0	0	0	27.54	27.54
	INVERTER	MV7	519193.98	4881993.86	2	0	0	100.3	100.3	1	503.84	3.25	0	65.05	0	-0.55	0	0	8.55	0	0	0	0	0	0	27.26	27.26
	INVERTER	MV5	519126.62	4882383.86	2	0	0	100.3	100.3	1	556.07	3.25	0	65.9	0	-0.51	0	0	8.93	0	0	0	0	0	0	25.99	25.99
	INVERTER	MV4	519089.82	4882595.21	2	0	0	100.3	100.3	1	685.46	3.25	0	67.72	0	-0.42	0	0	9.67	0	0	0	0	0	0	23.35	23.35
	INVERTER	MV10	519383.44	4882003.86	2	0	0	100.3	100.3	1	692.24	3.25	0	67.81	0	-0.42	0	0	9.7	0	0	0	0	0	0	23.22	23.22
	INVERTER	MV9	519310.97	4882423.86	2	0	0	100.3	100.3	1	729.93	3.25	0	68.27	0	-0.39	0	0	9.88	0	0	0	0	0	0	22.56	22.56
	INVERTER	MV8	519258.31	4882631.1	2	0	0	100.3	100.3	1	820.78	3.25	0	69.28	0	-0.34	0	0	10.26	0	0	0	0	0	0	21.1	21.1
	INVERTER	MV15	519559	4882060.35	2	0	0	100.3	100.3	1	867.32	3.25	0	69.76	0	-0.31	0	0	10.44	0	0	0	0	0	0	20.42	20.42
	INVERTER	MV14	519549.01	4882213.86	2	0	0	100.3	100.3	1	875.07	3.25	0	69.84	0	-0.31	0	0	10.47	0	0	0	0	0	0	20.31	20.31
	INVERTER	MV13	519509.24	4882443.86	2	0	0	100.3	100.3	1	912.92	3.25	0	70.21	0	-0.29	0	0	10.61	0	0	0	0	0	0	19.78	19.78
	INVERTER	MV12	519470.71	4882665.21	2	0	0	100.3	100.3	1	1000.52	3.25	0	71	0	-0.25	0	0	10.91	0	0	0	0	0	0	18.64	18.64
	INVERTER	MV18	519724.65	4882303.86	2	0	0	100.3	100.3	1	1066.58	3.25	0	71.56	0	-0.21	0	0	11.13	0	0	0	0	0	0	17.84	17.84
	INVERTER	MV17	519691.86	4882493.86	2	0	0	100.3	100.3	1	1099.3	3.25	0	71.82	0	-0.2	0	0	11.23	0	0	0	0	0	0	17.46	17.46
	INVERTER	MV16	519639.48	4882701.1	2	0	0	100.3	100.3	1	1157.05	3.25	0	72.27	0	-0.17	0	0	11.4	0	0	0	0	0	0	16.82	16.82
	INVERTER	MV11	519364.7	4882769.62	2	0	0	97.3	97.3	1	994.61	3.25	0	70.95	0	-0.25	0	0	10.89	0	0	0	0	0	0	15.71	15.71
	INVERTER	MV46	519569.31	4883250.26	2	0	0	97.3	97.3	1	1497.22	3.25	0	74.51	0	-0.03	0	0	12.32	0	0	0	0	0	0	10.52	10.52
	DSTATCOM UNIT	DSTAT	519479.25	4883282.56	2.5	0	0	96.6	96.6	1	1473.49	3.5	0	74.37	0	3.11	0	0	1.39	0	0	0	0	0	0	17.77	17.77
	INVERTER	MV19	519745.15	4882089.95	2	0	0	89.1	89.1	1	1054.49	3.25	0	71.46	0	0.7	0	0	6.42	0	0	0	0	0	0	10.48	10.48
	SUBSTATION TRANSFORMER	TRS	519493.37	4883252.44	3.5	0	0	87.9	87.9	1	1455.85	4	0	74.26	0	-0.76	0	0	3.4	0	0	0	0	0	0	10.97	10.97
	INVERTER	MV47	519833.32	4883254.23	2	0	0	89.1	89.1	1	1668.61	3.25	0	75.45	0	0.83	0	0	7.5	0	0	0	0	0	0	5.29	5.29
	INV TRANSFORMER	MV3T	518997.12	4882029.67	2	0	0	69.6	69.6	1	305.22	3.25	0	60.69	0	0.28	0	0	0.95	0	0	0	0	0	0	7.66	7.66
	INV TRANSFORMER	MV2T	518972.91	4882169.67	2	0	0	68.7	68.7	1	310.67	3.25	0	60.85	0	0.27	0	0	0.96	0	0	0	0	0	0	6.6	6.6
	LINE REACTOR	LR	519485	4883285	6.8	0	0	82	82	1	1478.63	5.65	0	74.4	0	-1.07	0	0	3.44	0	0	0	0	0	0	5.2	5.2
	INV TRANSFORMER	MV1T	518941.79	4882349.67	2	0	0	68.7	68.7	1	400.2	3.25	0	63.05	0	0.21	0	0	1.19	0	0	0	0	0	0	4.23	4.23
	INV TRANSFORMER	MV6T	519158.97	4882199.67	2	0	0	68.7	68.7	1	494.5	3.25	0	64.88	0	0.19	0	0	1.42	0	0	0	0	0	0	2.19	2.19
	INV TRANSFORMER	MV7T	519193.49	4881999.67	2	0	0	68.7	68.7	1	502.88	3.25	0	65.03	0	0.19	0	0	1.44	0	0	0	0	0	0	2.02	2.02
	INV TRANSFORMER	MV5T	519126.12	4882389.67	2	0	0	68.7	68.7	1	559.32	3.25	0	65.95	0	0.19	0	0	1.57	0	0	0	0	0	0	0.97	0.97
	INV TRANSFORMER	MV4T	519089.32	4882601.01	2	0	0	68.7	68.7	1	689.91	3.25	0	67.78	0	0.21	0	0	1.86	0	0	0	0	0	0	-1.17	-1.17
	INV TRANSFORMER	MV10T	519382.94	4882009.67	2	0	0	68.7	68.7	1	691.49	3.25	0	67.8	0	0.21	0	0	1.87	0	0	0	0	0	0	-1.19	-1.19
	INV TRANSFORMER	MV9T	519310.48	4882429.67	2	0	0	68.7	68.7	1	732.6	3.25	0	68.3	0	0.21	0	0	1.96	0	0	0	0	0	0	-1.79	-1.79
	INV TRANSFORMER	MV8T	519258.81	4882625.3	2	0	0	68.7	68.7	1	816.93	3.25	0	69.24	0	0.23	0	0	2.14	0	0	0	0	0	0	-2.94	-2.94
	INV TRANSFORMER	MV15T	519559.49	4882054.55	2	0	0	68.7	68.7	1	867.68	3.25	0	69.77	0	0.25	0	0	2.25	0	0	0	0	0	0	-3.58	-3.58
	INV TRANSFORMER	MV14T	519548.51	4882219.67	2	0	0	68.7	68.7	1	875.78	3.25	0	69.85	0	0.25	0	0	2.26	0	0	0	0	0	0	-3.68	-3.68
	INV TRANSFORMER	MV11T	519370.5	4882770.13	2	0	0	69.6	69.6	1	998.93	3.25	0	70.99	0	0.28	0	0	2.52	0	0	0	0	0	0	-4.21	-4.21
	INV TRANSFORMER	MV13T	519508.74	4882449.67	2	0	0	68.7	68.7	1	915.08	3.25	0	70.23	0	0.26	0	0	2.35	0	0	0	0	0	0	-4.16	-4.16
	INV TRANSFORMER	MV12T	519470.22	4882671.01	2	0	0	68.7	68.7	1	1003.79	3.25	0	71.03	0	0.28	0	0	2.53	0	0	0	0	0	0	-5.16	-5.16
	INV TRANSFORMER	MV19T	519745.65	4882084.15	2	0	0	68.7	68.7	1	1054.71	3.25	0	71.46	0	0.29	0	0	2.63	0	0	0	0	0	0	-5.71	-5.71
	INV TRANSFORMER	MV18T	519724.16	4882309.67	2	0	0	68.7	68.7	1	1067.57	3.25	0	71.57	0	0.3	0	0	2.66	0	0	0	0	0	0	-5.84	-5.84
	INV TRANSFORMER	MV17T	519691.37	4882499.67	2	0	0	68.7	68.7	1	1101.28	3.25	0	71.84	0	0.31	0	0	2.72	0	0	0	0	0	0	-6.19	-6.19
	INV TRANSFORMER	MV16T	519639.98	4882695.3	2	0	0	68.7	68.7	1	1154.13	3.25	0	72.25	0	0.32	0	0	2.83	0	0	0	0	0	0	-6.72	-6.72
	INV TRANSFORMER	MV46T	519569.03	4883256.08	2	0	0	69.6	69.6	1	1501.78	3.25	0	74.53	0	0.41	0	0	3.49	0	0	0	0	0	0	-8.85	-8.85
	INV TRANSFORMER	MV47T	519833.6	4883248.41	2	0	0	68.7	68.7	1	1664.56	3.25	0	75.43	0	0.45	0	0	3.78	0	0	0	0	0	0	-10.99	-10.99

mit. Value D/N: 0 0
Level D/N: 38.7825 38.7825

Receiver: Project land owner receptor
ID: P3
X: 520467
Y: 4884471
Z: 4.5
Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	INVERTER	MV38	520380.93	4884646.78	2	0	0	100.3	100.3	1	195.74	3.25	0	56.83	0	-0.52	0	0	4.67	0	0	0	0	0	0	39.33	39.33
	INVERTER	MV39	520562.49	4884730.78	2	0	0	100.3	100.3	1	276.78	3.25	0	59.84	0	-0.64	0	0	6.05	0	0	0	0	0	0	35.06	35.06
	INVERTER	MV37	520345.66	4884850.78	2	0	0	100.3	100.3	1	398.7	3.25	0	63.01	0	-0.62	0	0	7.61	0	0	0	0	0	0	30.31	30.31
	INVERTER	MV41	520981.28	4884667.9	2	0	0	100.3	100.3	1	550.69	3.25	0	65.82	0	-0.51	0	0	8.89	0	0	0	0	0	0	26.12	26.12
	INVERTER	MV42	521026.63	4884437.16	2	0	0	100.3	100.3	1	560.66	3.25	0	65.97	0	-0.51	0	0	8.96	0	0	0	0	0	0	25.89	25.89
	INVERTER	MV45	521201.3	4884593.26	2	0	0	100.3	100.3	1	744.41	3.25	0	68.44	0	-0.38	0	0	9.94	0	0	0	0	0	0	22.32	22.32

INVERTER	MV44	521154.3	4884833.37	2	0	0	100.3	100.3	1	776.98	3.25	0	68.81	0	-0.36	0	0	10.08	0	0	0	0	0	0	21.78	21.78
INVERTER	MV20	520751.73	4883708.75	2	0	0	100.3	100.3	1	813.69	3.25	0	69.21	0	-0.34	0	0	10.24	0	0	0	0	0	0	21.21	21.21
INVERTER	MV22	520936.62	4883746.98	2	0	0	100.3	100.3	1	862.99	3.25	0	69.72	0	-0.32	0	0	10.43	0	0	0	0	0	0	20.48	20.48
INVERTER	MV21	520786.65	4883506.75	2	0	0	100.3	100.3	1	1015.85	3.25	0	71.14	0	-0.24	0	0	10.96	0	0	0	0	0	0	18.45	18.45
INVERTER	MV23	520969.51	4883556.75	2	0	0	100.3	100.3	1	1043.25	3.25	0	71.37	0	-0.23	0	0	11.05	0	0	0	0	0	0	18.12	18.12
INVERTER	MV27	521154.04	4883596.75	2	0	0	100.3	100.3	1	1111.9	3.25	0	71.92	0	-0.19	0	0	11.27	0	0	0	0	0	0	17.32	17.32
INVERTER	MV40	520573.85	4884258.92	2	0	0	86.1	86.1	1	237.49	3.25	0	58.51	0	0.34	0	0	3.61	0	0	0	0	0	0	23.6	23.6
INVERTER	MV24	521002.3	4883366.75	2	0	0	100.3	100.3	1	1227.16	3.25	0	72.78	0	-0.14	0	0	11.6	0	0	0	0	0	0	16.07	16.07
INVERTER	MV28	521190.35	4883386.75	2	0	0	100.3	100.3	1	1303.39	3.25	0	73.3	0	-0.11	0	0	11.81	0	0	0	0	0	0	15.31	15.31
INVERTER	MV31	521375.47	4883526.75	2	0	0	100.3	100.3	1	1310.31	3.25	0	73.35	0	-0.11	0	0	11.83	0	0	0	0	0	0	15.24	15.24
INVERTER	MV36	521687.36	4883832.75	2	0	0	100.3	100.3	1	1377.19	3.25	0	73.78	0	-0.08	0	0	12.01	0	0	0	0	0	0	14.6	14.6
INVERTER	MV26	521131.56	4883726.75	2	0	0	97.3	97.3	1	997.77	3.25	0	70.98	0	-0.25	0	0	10.9	0	0	0	0	0	0	15.68	15.68
INVERTER	MV33	521543.7	4883556.75	2	0	0	100.3	100.3	1	1412.5	3.25	0	74	0	-0.07	0	0	12.1	0	0	0	0	0	0	14.28	14.28
INVERTER	MV25	521036.94	4883166.75	2	0	0	100.3	100.3	1	1423.34	3.25	0	74.07	0	-0.06	0	0	12.13	0	0	0	0	0	0	14.18	14.18
INVERTER	MV29	521223.2	4883196.75	2	0	0	100.3	100.3	1	1481.74	3.25	0	74.42	0	-0.04	0	0	12.28	0	0	0	0	0	0	13.66	13.66
INVERTER	MV35	521726.44	4883606.75	2	0	0	100.3	100.3	1	1527.45	3.25	0	74.68	0	-0.02	0	0	12.39	0	0	0	0	0	0	13.26	13.26
INVERTER	MV30	521351.26	4883666.75	2	0	0	97.3	97.3	1	1195.3	3.25	0	72.55	0	-0.16	0	0	11.51	0	0	0	0	0	0	13.41	13.41
INVERTER	MV32	521521.23	4883686.75	2	0	0	97.3	97.3	1	1313.94	3.25	0	73.37	0	-0.11	0	0	11.84	0	0	0	0	0	0	12.2	12.2
INVERTER	MV16	519639.48	4882701.1	2	0	0	100.3	100.3	1	1953.8	3.25	0	76.82	0	0.12	0	0	13.36	0	0	0	0	0	0	10.01	10.01
INVERTER	MV46	519569.31	4883250.26	2	0	0	97.3	97.3	1	1515.28	3.25	0	74.61	0	-0.03	0	0	12.36	0	0	0	0	0	0	10.37	10.37
DSTATCOM UNIT	DSTAT	519479.25	4883282.56	2.5	0	0	96.6	96.6	1	1545.33	3.5	0	74.78	0	3.12	0	0	1.44	0	0	0	0	0	0	17.29	17.29
INVERTER	MV47	519833.32	4883254.23	2	0	0	89.1	89.1	1	1371.89	3.25	0	73.75	0	0.76	0	0	6.99	0	0	0	0	0	0	7.56	7.56
SUBSTATION TRANSFORMER	TRS	519493.37	4883252.44	3.5	0	0	87.9	87.9	1	1559.76	4	0	74.86	0	-0.74	0	0	3.59	0	0	0	0	0	0	10.17	10.17
INV TRANSFORMER	MV38T	520380.43	4884652.58	2	0	0	68.7	68.7	1	201.18	3.25	0	57.07	0	0.49	0	0	0.66	0	0	0	0	0	0	10.45	10.45
INV TRANSFORMER	MV40T	520573.54	4884264.74	2	0	0	69.6	69.6	1	232.17	3.25	0	58.32	0	0.4	0	0	0.75	0	0	0	0	0	0	10.11	10.11
INV TRANSFORMER	MV39T	520562	4884736.58	2	0	0	68.7	68.7	1	282.07	3.25	0	60.01	0	0.31	0	0	0.89	0	0	0	0	0	0	7.48	7.48
LINE REACTOR	LR	519485	4883285	6.8	0	0	82	82	1	1539.78	5.65	0	74.75	0	-1.07	0	0	3.56	0	0	0	0	0	0	4.74	4.74
INV TRANSFORMER	MV37T	520345.16	4884856.58	2	0	0	68.7	68.7	1	404.38	3.25	0	63.14	0	0.21	0	0	1.2	0	0	0	0	0	0	4.14	4.14
INV TRANSFORMER	MV41T	520981.91	4884662.11	2	0	0	68.7	68.7	1	549.23	3.25	0	65.8	0	0.19	0	0	1.55	0	0	0	0	0	0	1.15	1.15
INV TRANSFORMER	MV42T	521027.26	4884431.37	2	0	0	68.7	68.7	1	561.67	3.25	0	65.99	0	0.19	0	0	1.57	0	0	0	0	0	0	0.92	0.92
INV TRANSFORMER	MV45T	521200.69	4884599.06	2	0	0	68.7	68.7	1	744.78	3.25	0	68.44	0	0.22	0	0	1.98	0	0	0	0	0	0	-1.97	-1.97
INV TRANSFORMER	MV44T	521153.69	4884839.17	2	0	0	68.7	68.7	1	779.16	3.25	0	68.83	0	0.22	0	0	2.06	0	0	0	0	0	0	-2.44	-2.44
INV TRANSFORMER	MV20T	520751.23	4883714.56	2	0	0	68.7	68.7	1	808.08	3.25	0	69.15	0	0.23	0	0	2.12	0	0	0	0	0	0	-2.82	-2.82
INV TRANSFORMER	MV22T	520936.13	4883752.78	2	0	0	68.7	68.7	1	857.86	3.25	0	69.67	0	0.24	0	0	2.23	0	0	0	0	0	0	-3.46	-3.46
INV TRANSFORMER	MV26T	521131.06	4883732.56	2	0	0	69.6	69.6	1	993.12	3.25	0	70.94	0	0.28	0	0	2.51	0	0	0	0	0	0	-4.15	-4.15
INV TRANSFORMER	MV21T	520786.16	4883512.56	2	0	0	68.7	68.7	1	1010.19	3.25	0	71.09	0	0.28	0	0	2.54	0	0	0	0	0	0	-5.23	-5.23
INV TRANSFORMER	MV23T	520969.02	4883562.56	2	0	0	68.7	68.7	1	1037.93	3.25	0	71.32	0	0.29	0	0	2.6	0	0	0	0	0	0	-5.53	-5.53
INV TRANSFORMER	MV30T	521350.76	4883672.56	2	0	0	69.6	69.6	1	1191.03	3.25	0	72.52	0	0.33	0	0	2.9	0	0	0	0	0	0	-6.17	-6.17
INV TRANSFORMER	MV27T	521153.54	4883602.56	2	0	0	68.7	68.7	1	1107.04	3.25	0	71.88	0	0.31	0	0	2.73	0	0	0	0	0	0	-6.25	-6.25
INV TRANSFORMER	MV32T	521520.73	4883692.56	2	0	0	69.6	69.6	1	1310.09	3.25	0	73.35	0	0.36	0	0	3.13	0	0	0	0	0	0	-7.26	-7.26
INV TRANSFORMER	MV24T	521001.8	4883372.56	2	0	0	68.7	68.7	1	1221.72	3.25	0	72.74	0	0.34	0	0	2.96	0	0	0	0	0	0	-7.36	-7.36
INV TRANSFORMER	MV28T	521189.85	4883392.56	2	0	0	68.7	68.7	1	1298.29	3.25	0	73.27	0	0.36	0	0	3.11	0	0	0	0	0	0	-8.05	-8.05
INV TRANSFORMER	MV31T	521374.97	4883532.56	2	0	0	68.7	68.7	1	1305.79	3.25	0	73.32	0	0.36	0	0	3.12	0	0	0	0	0	0	-8.12	-8.12
INV TRANSFORMER	MV46T	519569.03	4883256.08	2	0	0	69.6	69.6	1	1510.76	3.25	0	74.58	0	0.41	0	0	3.5	0	0	0	0	0	0	-8.92	-8.92
INV TRANSFORMER	MV36T	521686.86	4883838.56	2	0	0	68.7	68.7	1	1374.07	3.25	0	73.76	0	0.38	0	0	3.25	0	0	0	0	0	0	-8.71	-8.71
INV TRANSFORMER	MV47T	519833.6	4883248.41	2	0	0	68.7	68.7	1	1376.93	3.25	0	73.78	0	0.38	0	0	3.26	0	0	0	0	0	0	-8.73	-8.73
INV TRANSFORMER	MV33T	521543.21	4883562.56	2	0	0	68.7	68.7	1	1408.37	3.25	0	73.97	0	0.39	0	0	3.31	0	0	0	0	0	0	-9	-9
INV TRANSFORMER	MV25T	521036.45	4883172.56	2	0	0	68.7	68.7	1	1417.83	3.25	0	74.03	0	0.39	0	0	3.33	0	0	0	0	0	0	-9.08	-9.08
INV TRANSFORMER	MV29T	521222.7	4883202.56	2	0	0	68.7	68.7	1	1476.49	3.25	0	74.38	0	0.4	0	0	3.44	0	0	0	0	0	0	-9.55	-9.55
INV TRANSFORMER	MV35T	521725.94	4883612.56	2	0	0	68.7	68.7	1	1523.77	3.25	0	74.66	0	0.42	0	0	3.53	0	0	0	0	0	0	-9.93	-9.93
INV TRANSFORMER	MV16T	519639.98	4882695.3	2	0	0	68.7	68.7	1	1958.85	3.25	0	76.84	0	0.53	0	0	4.3	0	0	0	0	0	0	-12.99	-12.99

mit. Value D/N: 0 0

Level D/N: 41.7803 41.7803

Receiver: Project land owner receptor

ID: P4

X: 521201

Y: 4884253

Z: 4.5

Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	INVERTER	MV42	521026.63	4884437.16	2	0	0	100.3	100.3	1	253.62	3.25	0	59.08	0	-0.62	0	0	5.69	0	0	0	0	0	0	36.16	36.16
	INVERTER	MV45	521201.3	4884593.26	2	0	0	100.3	100.3	1	340.27	3.25	0	61.64	0	-0.65	0	0	6.93	0	0	0	0	0	0	32.39	32.39
	INVERTER	MV41	520981.28	4884667.9	2	0	0	100.3	100.3	1	469.49	3.25	0	64.43	0	-0.57	0	0	8.28	0	0	0	0	0	0	28.17	28.17
	INVERTER	MV22	520936.62	4883746.98	2	0	0	100.3	100.3	1	570.93	3.25	0	66.13	0	-0.5	0	0	9.02	0	0	0	0	0	0	25.66	25.66
	INVERTER	MV44	521154.3	4884833.37	2	0	0	100.3	100.3	1	582.25	3.25	0	66.3	0	-0.49	0	0	9.1	0	0	0	0	0	0	25.41	25.41
	INVERTER	MV36	521687.36	4883832.75	2	0	0	100.3	100.3	1	642.77	3.25	0	67.16	0	-0.45	0	0	9.45	0	0	0	0	0	0	24.15	24.15
	INVERTER	MV27	521154.04	4883596.75	2	0	0	100.3	100.3	1	657.93	3.25	0	67.36	0	-0.44	0	0	9.53	0	0	0	0	0	0	23.86	23.86
	INVERTER	MV20	520751.73	4883708.75	2	0	0	100.3	100.3	1	705.73	3.25	0	67.97	0	-0.41	0	0	9.76	0	0	0	0	0	0	22.98	22.98
	INVERTER	MV23	520969.51	4883556.75	2	0	0	100.3	100.3	1	733.72	3.25	0	68.31	0	-0.39	0	0	9.89	0	0	0	0	0	0	22.5	22.5
	INVERTER	MV31	521375.47	4883526.75	2	0	0	100.3	100.3	1	746.91	3.25	0	68.47	0	-0.38	0	0	9.95	0	0	0	0	0	0	22.28	22.28

INVERTER	MV26	521131.56	4883726.75	2	0	0	97.3	97.3	1	530.81	3.25	0	65.5	0	-0.53	0	0	8.75	0	0	0	0	0	0	23.59	23.59
INVERTER	MV33	521543.7	4883556.75	2	0	0	100.3	100.3	1	776.02	3.25	0	68.8	0	-0.37	0	0	10.08	0	0	0	0	0	0	21.8	21.8
INVERTER	MV39	520562.49	4884730.78	2	0	0	100.3	100.3	1	797.48	3.25	0	69.03	0	-0.35	0	0	10.17	0	0	0	0	0	0	21.46	21.46
INVERTER	MV35	521726.44	4883606.75	2	0	0	100.3	100.3	1	832.9	3.25	0	69.41	0	-0.33	0	0	10.31	0	0	0	0	0	0	20.92	20.92
INVERTER	MV21	520786.65	4883506.75	2	0	0	100.3	100.3	1	853.56	3.25	0	69.62	0	-0.32	0	0	10.39	0	0	0	0	0	0	20.62	20.62
INVERTER	MV30	521351.26	4883666.75	2	0	0	97.3	97.3	1	605.2	3.25	0	66.64	0	-0.47	0	0	9.23	0	0	0	0	0	0	21.91	21.91
INVERTER	MV28	521190.35	4883386.75	2	0	0	100.3	100.3	1	866.32	3.25	0	69.75	0	-0.31	0	0	10.44	0	0	0	0	0	0	20.43	20.43
INVERTER	MV24	521002.3	4883366.75	2	0	0	100.3	100.3	1	908.25	3.25	0	70.16	0	-0.29	0	0	10.6	0	0	0	0	0	0	19.85	19.85
INVERTER	MV38	520380.93	4884646.78	2	0	0	100.3	100.3	1	909.72	3.25	0	70.18	0	-0.29	0	0	10.6	0	0	0	0	0	0	19.83	19.83
INVERTER	MV32	521521.23	4883686.75	2	0	0	97.3	97.3	1	650.53	3.25	0	67.27	0	-0.44	0	0	9.49	0	0	0	0	0	0	21	21
INVERTER	MV37	520345.66	4884850.78	2	0	0	100.3	100.3	1	1043.53	3.25	0	71.37	0	-0.23	0	0	11.05	0	0	0	0	0	0	18.11	18.11
INVERTER	MV29	521223.2	4883196.75	2	0	0	100.3	100.3	1	1056.48	3.25	0	71.48	0	-0.22	0	0	11.09	0	0	0	0	0	0	17.96	17.96
INVERTER	MV25	521036.94	4883166.75	2	0	0	100.3	100.3	1	1098.57	3.25	0	71.82	0	-0.2	0	0	11.22	0	0	0	0	0	0	17.47	17.47
INVERTER	MV46	519569.31	4883250.26	2	0	0	97.3	97.3	1	1915.18	3.25	0	76.64	0	0.1	0	0	13.28	0	0	0	0	0	0	7.28	7.28
DSTATCOM UNIT	DSTAT	519479.25	4883282.56	2.5	0	0	96.6	96.6	1	1976.41	3.5	0	76.92	0	3.22	0	0	1.7	0	0	0	0	0	0	14.79	14.79
INVERTER	MV40	520573.85	4884258.92	2	0	0	86.1	86.1	1	627.18	3.25	0	66.95	0	0.59	0	0	5.52	0	0	0	0	0	0	13	13
INVERTER	MV47	519833.32	4883254.23	2	0	0	89.1	89.1	1	1693.54	3.25	0	75.58	0	0.84	0	0	7.54	0	0	0	0	0	0	5.11	5.11
SUBSTATION TRANSFORMER	TRS	519493.37	4883252.44	3.5	0	0	87.9	87.9	1	1979.17	4	0	76.93	0	-0.67	0	0	4.33	0	0	0	0	0	0	7.29	7.29
INV TRANSFORMER	MV42T	521027.26	4884431.37	2	0	0	68.7	68.7	1	249.01	3.25	0	58.92	0	0.37	0	0	0.8	0	0	0	0	0	0	8.59	8.59
INV TRANSFORMER	MV45T	521200.69	4884599.06	2	0	0	68.7	68.7	1	346.07	3.25	0	61.78	0	0.24	0	0	1.05	0	0	0	0	0	0	5.6	5.6
LINE REACTOR	LR	519485	4883285	6.8	0	0	82	82	1	1970.2	5.65	0	76.89	0	-1.05	0	0	4.32	0	0	0	0	0	0	1.82	1.82
INV TRANSFORMER	MV41T	520981.91	4884662.11	2	0	0	68.7	68.7	1	464.09	3.25	0	64.33	0	0.19	0	0	1.34	0	0	0	0	0	0	2.81	2.81
INV TRANSFORMER	MV26T	521131.06	4883732.56	2	0	0	69.6	69.6	1	525.13	3.25	0	65.41	0	0.19	0	0	1.49	0	0	0	0	0	0	2.5	2.5
INV TRANSFORMER	MV30T	521350.76	4883672.56	2	0	0	69.6	69.6	1	599.46	3.25	0	66.56	0	0.19	0	0	1.66	0	0	0	0	0	0	1.17	1.17
INV TRANSFORMER	MV40T	520573.54	4884264.74	2	0	0	69.6	69.6	1	627.57	3.25	0	66.95	0	0.2	0	0	1.72	0	0	0	0	0	0	0.7	0.7
INV TRANSFORMER	MV22T	520936.13	4883752.78	2	0	0	68.7	68.7	1	566.02	3.25	0	66.06	0	0.19	0	0	1.58	0	0	0	0	0	0	0.85	0.85
INV TRANSFORMER	MV32T	521520.73	4883692.56	2	0	0	69.6	69.6	1	645.24	3.25	0	67.19	0	0.2	0	0	1.76	0	0	0	0	0	0	0.42	0.42
INV TRANSFORMER	MV44T	521153.69	4884839.17	2	0	0	68.7	68.7	1	588.08	3.25	0	66.39	0	0.19	0	0	1.63	0	0	0	0	0	0	0.46	0.46
INV TRANSFORMER	MV36T	521686.86	4883838.56	2	0	0	68.7	68.7	1	638.62	3.25	0	67.1	0	0.2	0	0	1.75	0	0	0	0	0	0	-0.37	-0.37
INV TRANSFORMER	MV27T	521153.54	4883602.56	2	0	0	68.7	68.7	1	652.18	3.25	0	67.29	0	0.2	0	0	1.78	0	0	0	0	0	0	-0.59	-0.59
INV TRANSFORMER	MV20T	520751.23	4883714.56	2	0	0	68.7	68.7	1	701.58	3.25	0	67.92	0	0.21	0	0	1.89	0	0	0	0	0	0	-1.34	-1.34
INV TRANSFORMER	MV23T	520969.02	4883562.56	2	0	0	68.7	68.7	1	728.38	3.25	0	68.25	0	0.21	0	0	1.95	0	0	0	0	0	0	-1.73	-1.73
INV TRANSFORMER	MV31T	521374.97	4883532.56	2	0	0	68.7	68.7	1	741.15	3.25	0	68.4	0	0.22	0	0	1.98	0	0	0	0	0	0	-1.91	-1.91
INV TRANSFORMER	MV33T	521543.21	4883562.56	2	0	0	68.7	68.7	1	770.6	3.25	0	68.74	0	0.22	0	0	2.04	0	0	0	0	0	0	-2.32	-2.32
INV TRANSFORMER	MV39T	520562	4884736.58	2	0	0	68.7	68.7	1	801.36	3.25	0	69.08	0	0.23	0	0	2.11	0	0	0	0	0	0	-2.74	-2.74
INV TRANSFORMER	MV35T	521725.94	4883612.56	2	0	0	68.7	68.7	1	828.09	3.25	0	69.36	0	0.24	0	0	2.16	0	0	0	0	0	0	-3.08	-3.08
INV TRANSFORMER	MV21T	520786.16	4883512.56	2	0	0	68.7	68.7	1	848.74	3.25	0	69.58	0	0.24	0	0	2.21	0	0	0	0	0	0	-3.35	-3.35
INV TRANSFORMER	MV28T	521189.85	4883392.56	2	0	0	68.7	68.7	1	860.52	3.25	0	69.7	0	0.24	0	0	2.23	0	0	0	0	0	0	-3.49	-3.49
INV TRANSFORMER	MV24T	521001.8	4883372.56	2	0	0	68.7	68.7	1	902.7	3.25	0	70.11	0	0.25	0	0	2.32	0	0	0	0	0	0	-4.01	-4.01
INV TRANSFORMER	MV38T	520380.43	4884652.58	2	0	0	68.7	68.7	1	912.69	3.25	0	70.21	0	0.26	0	0	2.34	0	0	0	0	0	0	-4.13	-4.13
INV TRANSFORMER	MV37T	520345.16	4884856.58	2	0	0	68.7	68.7	1	1047.27	3.25	0	71.4	0	0.29	0	0	2.62	0	0	0	0	0	0	-5.63	-5.63
INV TRANSFORMER	MV29T	521222.7	4883202.56	2	0	0	68.7	68.7	1	1050.67	3.25	0	71.43	0	0.29	0	0	2.62	0	0	0	0	0	0	-5.67	-5.67
INV TRANSFORMER	MV25T	521036.45	4883172.56	2	0	0	68.7	68.7	1	1092.9	3.25	0	71.77	0	0.3	0	0	2.71	0	0	0	0	0	0	-6.1	-6.1
INV TRANSFORMER	MV47T	519833.6	4883248.41	2	0	0	68.7	68.7	1	1696.76	3.25	0	75.59	0	0.46	0	0	3.84	0	0	0	0	0	0	-11.22	-11.22
INV TRANSFORMER	MV46T	519569.03	4883256.08	2	0	0	69.6	69.6	1	1912.38	3.25	0	76.63	0	0.52	0	0	4.22	0	0	0	0	0	0	-11.79	-11.79

mit. Value D/N: 0 0

Level D/N: 39.96 39.96

Receiver: Project land owner receptor

ID: P5

X: 520764

Y: 4883947

Z: 4.5

Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	INVERTER	MV20	520751.73	4883708.75	2	0	0	100.3	100.3	1	238.57	3.25	0	58.55	0	-0.61	0	0	5.44	0	0	0	0	0	0	36.93	36.93
	INVERTER	MV22	520936.62	4883746.98	2	0	0	100.3	100.3	1	264.22	3.25	0	59.44	0	-0.63	0	0	5.86	0	0	0	0	0	0	35.65	35.65
	INVERTER	MV21	520786.65	4883506.75	2	0	0	100.3	100.3	1	440.84	3.25	0	63.89	0	-0.59	0	0	8.02	0	0	0	0	0	0	29	29
	INVERTER	MV23	520969.51	4883556.75	2	0	0	100.3	100.3	1	441.06	3.25	0	63.89	0	-0.59	0	0	8.03	0	0	0	0	0	0	28.99	28.99
	INVERTER	MV27	521154.04	4883596.75	2	0	0	100.3	100.3	1	524.22	3.25	0	65.39	0	-0.53	0	0	8.71	0	0	0	0	0	0	26.75	26.75
	INVERTER	MV42	521026.63	4884437.16	2	0	0	100.3	100.3	1	556.09	3.25	0	65.9	0	-0.51	0	0	8.93	0	0	0	0	0	0	25.99	25.99
	INVERTER	MV26	521131.56	4883726.75	2	0	0	97.3	97.3	1	428.5	3.25	0	63.64	0	-0.6	0	0	7.91	0	0	0	0	0	0	26.37	26.37
	INVERTER	MV24	521002.3	4883366.75	2	0	0	100.3	100.3	1	627.28	3.25	0	66.95	0	-0.46	0	0	9.36	0	0	0	0	0	0	24.46	24.46
	INVERTER	MV28	521190.35	4883386.75	2	0	0	100.3	100.3	1	704.03	3.25	0	67.95	0	-0.41	0	0	9.76	0	0	0	0	0	0	23.01	23.01
	INVERTER	MV31	521375.47	4883526.75	2	0	0	100.3	100.3	1	741.96	3.25	0	68.41	0	-0.39	0	0	9.93	0	0	0	0	0	0	22.36	22.36
	INVERTER	MV41	520981.28	4884667.9	2	0	0	100.3	100.3	1	752.94	3.25	0	68.54	0	-0.38	0	0	9.98	0	0	0	0	0	0	22.18	22.18
	INVERTER	MV45	521201.3	4884593.26	2	0	0	100.3	100.3	1	780.31	3.25	0	68.85	0	-0.36	0	0	10.1	0	0	0	0	0	0	21.73	21.73
	INVERTER	MV38	520380.93	4884646.78	2	0	0	100.3	100.3	1	797.77	3.25	0	69.04	0	-0.35	0	0	10.17	0	0	0	0	0	0	21.46	21.46
	INVERTER	MV39	520562.49	4884730.78	2	0	0	100.3	100.3	1	809.27	3.25	0	69.16	0	-0.35	0	0	10.22	0	0	0	0	0	0	21.28	21.28
	INVERTER	MV25	521036.94	4883166.75	2	0	0	100.3	100.3	1	826.61	3.25	0	69.35	0	-0.34	0	0	10.29	0	0	0	0	0	0	21.01	21.01
	INVERTER	MV33	521543.7	4883556.75	2	0	0	100.3	100.3	1	871.92	3.25	0	69.81	0	-0.31	0	0	10.46	0	0	0	0	0	0	20.35	20.35

INVERTER	MV29	521223.2	4883196.75	2	0	0	100.3	100.3	1	879.62	3.25	0	69.89	0	-0.31	0	0	10.49	0	0	0	0	0	0	20.24	20.24
INVERTER	MV30	521351.26	4883666.75	2	0	0	97.3	97.3	1	650.71	3.25	0	67.27	0	-0.44	0	0	9.49	0	0	0	0	0	0	21	21
INVERTER	MV36	521687.36	4883832.75	2	0	0	100.3	100.3	1	930.4	3.25	0	70.37	0	-0.28	0	0	10.67	0	0	0	0	0	0	19.55	19.55
INVERTER	MV44	521154.3	4884833.37	2	0	0	100.3	100.3	1	968.5	3.25	0	70.72	0	-0.26	0	0	10.81	0	0	0	0	0	0	19.05	19.05
INVERTER	MV37	520345.66	4884850.78	2	0	0	100.3	100.3	1	995.91	3.25	0	70.96	0	-0.25	0	0	10.9	0	0	0	0	0	0	18.7	18.7
INVERTER	MV35	521726.44	4883606.75	2	0	0	100.3	100.3	1	1020.81	3.25	0	71.18	0	-0.24	0	0	10.98	0	0	0	0	0	0	18.39	18.39
INVERTER	MV32	521521.23	4883686.75	2	0	0	97.3	97.3	1	800.7	3.25	0	69.07	0	-0.35	0	0	10.18	0	0	0	0	0	0	18.41	18.41
INVERTER	MV16	519639.48	4882701.1	2	0	0	100.3	100.3	1	1678.33	3.25	0	75.5	0	0.03	0	0	12.75	0	0	0	0	0	0	12.03	12.03
INVERTER	MV17	519691.86	4882493.86	2	0	0	100.3	100.3	1	1805.85	3.25	0	76.13	0	0.07	0	0	13.04	0	0	0	0	0	0	11.07	11.07
INVERTER	MV12	519470.71	4882665.21	2	0	0	100.3	100.3	1	1820.88	3.25	0	76.21	0	0.08	0	0	13.08	0	0	0	0	0	0	10.96	10.96
INVERTER	MV40	520573.85	4884258.92	2	0	0	86.1	86.1	1	365.32	3.25	0	62.25	0	0.43	0	0	4.55	0	0	0	0	0	0	18.83	18.83
INVERTER	MV18	519724.65	4882303.86	2	0	0	100.3	100.3	1	1944.26	3.25	0	76.78	0	0.11	0	0	13.34	0	0	0	0	0	0	10.08	10.08
INVERTER	MV46	519569.31	4883250.26	2	0	0	97.3	97.3	1	1383.02	3.25	0	73.82	0	-0.08	0	0	12.03	0	0	0	0	0	0	11.55	11.55
INVERTER	MV13	519509.24	4882443.86	2	0	0	100.3	100.3	1	1958.02	3.25	0	76.84	0	0.12	0	0	13.37	0	0	0	0	0	0	9.99	9.99
INVERTER	MV8	519258.31	4882631.1	2	0	0	100.3	100.3	1	1999.67	3.25	0	77.02	0	0.13	0	0	13.46	0	0	0	0	0	0	9.7	9.7
DSTATCOM UNIT	DSTAT	519479.25	4883282.56	2.5	0	0	96.6	96.6	1	1446.4	3.5	0	74.21	0	3.1	0	0	1.37	0	0	0	0	0	0	17.95	17.95
INVERTER	MV11	519364.7	4882769.62	2	0	0	97.3	97.3	1	1828.74	3.25	0	76.24	0	0.08	0	0	13.09	0	0	0	0	0	0	7.9	7.9
INVERTER	MV47	519833.32	4883254.23	2	0	0	89.1	89.1	1	1160.21	3.25	0	72.29	0	0.72	0	0	6.61	0	0	0	0	0	0	9.44	9.44
SUBSTATION TRANSFORMER	TRS	519493.37	4883252.44	3.5	0	0	87.9	87.9	1	1448.07	4	0	74.22	0	-0.76	0	0	3.39	0	0	0	0	0	0	11.03	11.03
INV TRANSFORMER	MV20T	520751.23	4883714.56	2	0	0	68.7	68.7	1	232.81	3.25	0	58.34	0	0.4	0	0	0.75	0	0	0	0	0	0	9.18	9.18
INV TRANSFORMER	MV22T	520936.13	4883752.78	2	0	0	68.7	68.7	1	259.53	3.25	0	59.28	0	0.35	0	0	0.82	0	0	0	0	0	0	8.22	8.22
LINE REACTOR	LR	519485	4883285	6.8	0	0	82	82	1	1440.17	5.65	0	74.17	0	-1.07	0	0	3.37	0	0	0	0	0	0	5.5	5.5
INV TRANSFORMER	MV40T	520573.54	4884264.74	2	0	0	69.6	69.6	1	370.46	3.25	0	62.37	0	0.22	0	0	1.11	0	0	0	0	0	0	5.86	5.86
INV TRANSFORMER	MV26T	521131.06	4883732.56	2	0	0	69.6	69.6	1	425.12	3.25	0	63.57	0	0.2	0	0	1.25	0	0	0	0	0	0	4.56	4.56
INV TRANSFORMER	MV21T	520786.16	4883512.56	2	0	0	68.7	68.7	1	435.01	3.25	0	63.77	0	0.2	0	0	1.27	0	0	0	0	0	0	3.44	3.44
INV TRANSFORMER	MV23T	520969.02	4883562.56	2	0	0	68.7	68.7	1	435.7	3.25	0	63.78	0	0.2	0	0	1.28	0	0	0	0	0	0	3.42	3.42
INV TRANSFORMER	MV27T	521153.54	4883602.56	2	0	0	68.7	68.7	1	519.99	3.25	0	65.32	0	0.19	0	0	1.48	0	0	0	0	0	0	1.69	1.69
INV TRANSFORMER	MV42T	521027.26	4884431.37	2	0	0	68.7	68.7	1	551.29	3.25	0	65.83	0	0.19	0	0	1.55	0	0	0	0	0	0	1.11	1.11
INV TRANSFORMER	MV30T	521350.76	4883672.56	2	0	0	69.6	69.6	1	647.78	3.25	0	67.23	0	0.2	0	0	1.77	0	0	0	0	0	0	0.38	0.38
INV TRANSFORMER	MV24T	521001.8	4883372.56	2	0	0	68.7	68.7	1	621.72	3.25	0	66.87	0	0.19	0	0	1.71	0	0	0	0	0	0	-0.1	-0.1
INV TRANSFORMER	MV28T	521189.85	4883392.56	2	0	0	68.7	68.7	1	699.11	3.25	0	67.89	0	0.21	0	0	1.88	0	0	0	0	0	0	-1.31	-1.31
INV TRANSFORMER	MV32T	521520.73	4883692.56	2	0	0	69.6	69.6	1	798.37	3.25	0	69.04	0	0.23	0	0	2.1	0	0	0	0	0	0	-1.8	-1.8
INV TRANSFORMER	MV31T	521374.97	4883532.56	2	0	0	68.7	68.7	1	738.28	3.25	0	68.36	0	0.22	0	0	1.97	0	0	0	0	0	0	-1.87	-1.87
INV TRANSFORMER	MV41T	520981.91	4884662.11	2	0	0	68.7	68.7	1	747.58	3.25	0	68.47	0	0.22	0	0	1.99	0	0	0	0	0	0	-2	-2
INV TRANSFORMER	MV45T	521200.69	4884599.06	2	0	0	68.7	68.7	1	784.78	3.25	0	68.89	0	0.23	0	0	2.07	0	0	0	0	0	0	-2.52	-2.52
INV TRANSFORMER	MV38T	520380.43	4884652.58	2	0	0	68.7	68.7	1	803.1	3.25	0	69.1	0	0.23	0	0	2.11	0	0	0	0	0	0	-2.76	-2.76
INV TRANSFORMER	MV39T	520562	4884736.58	2	0	0	68.7	68.7	1	815.02	3.25	0	69.22	0	0.23	0	0	2.14	0	0	0	0	0	0	-2.92	-2.92
INV TRANSFORMER	MV25T	521036.45	4883172.56	2	0	0	68.7	68.7	1	820.97	3.25	0	69.29	0	0.23	0	0	2.15	0	0	0	0	0	0	-2.99	-2.99
INV TRANSFORMER	MV33T	521543.21	4883562.56	2	0	0	68.7	68.7	1	868.89	3.25	0	69.78	0	0.25	0	0	2.25	0	0	0	0	0	0	-3.6	-3.6
INV TRANSFORMER	MV29T	521222.7	4883202.56	2	0	0	68.7	68.7	1	874.42	3.25	0	69.83	0	0.25	0	0	2.26	0	0	0	0	0	0	-3.67	-3.67
INV TRANSFORMER	MV36T	521686.86	4883838.56	2	0	0	68.7	68.7	1	929.22	3.25	0	70.36	0	0.26	0	0	2.37	0	0	0	0	0	0	-4.32	-4.32
INV TRANSFORMER	MV44T	521153.69	4884839.17	2	0	0	68.7	68.7	1	973.56	3.25	0	70.77	0	0.27	0	0	2.47	0	0	0	0	0	0	-4.83	-4.83
INV TRANSFORMER	MV37T	520345.16	4884856.58	2	0	0	68.7	68.7	1	1001.39	3.25	0	71.01	0	0.28	0	0	2.52	0	0	0	0	0	0	-5.14	-5.14
INV TRANSFORMER	MV35T	521725.94	4883612.56	2	0	0	68.7	68.7	1	1018.42	3.25	0	71.16	0	0.28	0	0	2.56	0	0	0	0	0	0	-5.32	-5.32
INV TRANSFORMER	MV47T	519833.6	4883248.41	2	0	0	68.7	68.7	1	1163.48	3.25	0	72.32	0	0.32	0	0	2.85	0	0	0	0	0	0	-6.81	-6.81
INV TRANSFORMER	MV46T	519569.03	4883256.08	2	0	0	69.6	69.6	1	1380.34	3.25	0	73.8	0	0.38	0	0	3.26	0	0	0	0	0	0	-7.86	-7.86
INV TRANSFORMER	MV11T	519370.5	4882770.13	2	0	0	69.6	69.6	1	1823.97	3.25	0	76.22	0	0.5	0	0	4.06	0	0	0	0	0	0	-11.2	-11.2
INV TRANSFORMER	MV16T	519639.98	4882695.3	2	0	0	68.7	68.7	1	1682.32	3.25	0	75.52	0	0.46	0	0	3.81	0	0	0	0	0	0	-11.11	-11.11
INV TRANSFORMER	MV17T	519691.37	4882499.67	2	0	0	68.7	68.7	1	1801.48	3.25	0	76.11	0	0.49	0	0	4.02	0	0	0	0	0	0	-11.95	-11.95
INV TRANSFORMER	MV12T	519470.22	4882671.01	2	0	0	68.7	68.7	1	1817.15	3.25	0	76.19	0	0.49	0	0	4.05	0	0	0	0	0	0	-12.06	-12.06
INV TRANSFORMER	MV18T	519724.16	4882309.67	2	0	0	68.7	68.7	1	1939.62	3.25	0	76.75	0	0.53	0	0	4.26	0	0	0	0	0	0	-12.87	-12.87
INV TRANSFORMER	MV13T	519508.74	4882449.67	2	0	0	68.7	68.7	1	1953.89	3.25	0	76.82	0	0.53	0	0	4.29	0	0	0	0	0	0	-12.96	-12.96

mit. Value D/N: 0 0

Level D/N: 41.4218 41.4218

Receiver: Project land owner receptor

ID: P6

X: 521593

Y: 4884117

Z: 4.5

Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	INVERTER	MV36	521687.36	4883832.75	2	0	0	100.3	100.3	1	299.51	3.25	0	60.53	0	-0.65	0	0	6.39	0	0	0	0	0	0	34.04	34.04
	INVERTER	MV35	521726.44	4883606.75	2	0	0	100.3	100.3	1	527.41	3.25	0	65.44	0	-0.53	0	0	8.73	0	0	0	0	0	0	26.67	26.67
	INVERTER	MV33	521543.7	4883556.75	2	0	0	100.3	100.3	1	562.42	3.25	0	66	0	-0.51	0	0	8.97	0	0	0	0	0	0	25.85	25.85
	INVERTER	MV32	521521.23	4883686.75	2	0	0	97.3	97.3	1	436.2	3.25	0	63.79	0	-0.6	0	0	7.98	0	0	0	0	0	0	26.13	26.13
	INVERTER	MV45	521201.3	4884593.26	2	0	0	100.3	100.3	1	616.65	3.25	0	66.8	0	-0.47	0	0	9.3	0	0	0	0	0	0	24.68	24.68
	INVERTER	MV31	521375.47	4883526.75	2	0	0	100.3	100.3	1	629.06	3.25	0	66.97	0	-0.46	0	0	9.37	0	0	0	0	0	0	24.43	24.43
	INVERTER	MV42	521026.63	4884437.16	2	0	0	100.3	100.3	1	650.6	3.25	0	67.27	0	-0.44	0	0	9.49	0	0	0	0	0	0	24	24
	INVERTER	MV27	521154.04	4883596.75	2	0	0	100.3	100.3	1	680.7	3.25	0	67.66	0	-0.42	0	0	9.64	0	0	0	0	0	0	23.43	23.43
	INVERTER	MV30	521351.26	4883666.75	2	0	0	97.3	97.3	1	511.04	3.25	0	65.17	0	-0.54	0	0	8.61	0	0	0	0	0	0	24.08	24.08

INVERTER	MV22	520936.62	4883746.98	2	0	0	100.3	100.3	1	753.49	3.25	0	68.54	0	-0.38	0	0	9.98	0	0	0	0	0	0	22.17	22.17
INVERTER	MV41	520981.28	4884667.9	2	0	0	100.3	100.3	1	823.22	3.25	0	69.31	0	-0.34	0	0	10.27	0	0	0	0	0	0	21.07	21.07
INVERTER	MV28	521190.35	4883386.75	2	0	0	100.3	100.3	1	833.9	3.25	0	69.42	0	-0.33	0	0	10.32	0	0	0	0	0	0	20.91	20.91
INVERTER	MV23	520969.51	4883556.75	2	0	0	100.3	100.3	1	838.22	3.25	0	69.47	0	-0.33	0	0	10.33	0	0	0	0	0	0	20.84	20.84
INVERTER	MV44	521154.3	4884833.37	2	0	0	100.3	100.3	1	840.03	3.25	0	69.49	0	-0.33	0	0	10.34	0	0	0	0	0	0	20.82	20.82
INVERTER	MV26	521131.56	4883726.75	2	0	0	97.3	97.3	1	604.34	3.25	0	66.63	0	-0.48	0	0	9.23	0	0	0	0	0	0	21.93	21.93
INVERTER	MV20	520751.73	4883708.75	2	0	0	100.3	100.3	1	935.1	3.25	0	70.42	0	-0.28	0	0	10.69	0	0	0	0	0	0	19.48	19.48
INVERTER	MV24	521002.3	4883366.75	2	0	0	100.3	100.3	1	954.88	3.25	0	70.6	0	-0.27	0	0	10.76	0	0	0	0	0	0	19.22	19.22
INVERTER	MV29	521223.2	4883196.75	2	0	0	100.3	100.3	1	991.77	3.25	0	70.93	0	-0.25	0	0	10.88	0	0	0	0	0	0	18.75	18.75
INVERTER	MV21	520786.65	4883506.75	2	0	0	100.3	100.3	1	1011.24	3.25	0	71.1	0	-0.24	0	0	10.95	0	0	0	0	0	0	18.51	18.51
INVERTER	MV25	521036.94	4883166.75	2	0	0	100.3	100.3	1	1100.99	3.25	0	71.84	0	-0.2	0	0	11.23	0	0	0	0	0	0	17.44	17.44
INVERTER	MV39	520562.49	4884730.78	2	0	0	100.3	100.3	1	1199.45	3.25	0	72.58	0	-0.15	0	0	11.52	0	0	0	0	0	0	16.36	16.36
INVERTER	MV38	520380.93	4884646.78	2	0	0	100.3	100.3	1	1322.8	3.25	0	73.43	0	-0.1	0	0	11.87	0	0	0	0	0	0	15.12	15.12
INVERTER	MV37	520345.66	4884850.78	2	0	0	100.3	100.3	1	1447.17	3.25	0	74.21	0	-0.05	0	0	12.19	0	0	0	0	0	0	13.96	13.96
INVERTER	MV40	520573.85	4884258.92	2	0	0	86.1	86.1	1	1028.99	3.25	0	71.25	0	0.69	0	0	6.37	0	0	0	0	0	0	7.75	7.75
INVERTER	MV47	519833.32	4883254.23	2	0	0	89.1	89.1	1	1959.81	3.25	0	76.84	0	0.9	0	0	7.98	0	0	0	0	0	0	3.34	3.34
INV TRANSFORMER	MV36T	521686.86	4883838.56	2	0	0	68.7	68.7	1	293.85	3.25	0	60.36	0	0.29	0	0	0.92	0	0	0	0	0	0	7.1	7.1
INV TRANSFORMER	MV32T	521520.73	4883692.56	2	0	0	69.6	69.6	1	430.56	3.25	0	63.68	0	0.2	0	0	1.26	0	0	0	0	0	0	4.43	4.43
INV TRANSFORMER	MV30T	521350.76	4883672.56	2	0	0	69.6	69.6	1	506.17	3.25	0	65.09	0	0.19	0	0	1.44	0	0	0	0	0	0	2.86	2.86
INV TRANSFORMER	MV35T	521725.94	4883612.56	2	0	0	68.7	68.7	1	521.67	3.25	0	65.35	0	0.19	0	0	1.48	0	0	0	0	0	0	1.66	1.66
INV TRANSFORMER	MV26T	521131.06	4883732.56	2	0	0	69.6	69.6	1	600.99	3.25	0	66.58	0	0.19	0	0	1.66	0	0	0	0	0	0	1.14	1.14
INV TRANSFORMER	MV33T	521543.21	4883562.56	2	0	0	68.7	68.7	1	556.68	3.25	0	65.91	0	0.19	0	0	1.56	0	0	0	0	0	0	1.01	1.01
INV TRANSFORMER	MV45T	521200.69	4884599.06	2	0	0	68.7	68.7	1	621.53	3.25	0	66.87	0	0.19	0	0	1.71	0	0	0	0	0	0	-0.1	-0.1
INV TRANSFORMER	MV31T	521374.97	4883532.56	2	0	0	68.7	68.7	1	623.79	3.25	0	66.9	0	0.19	0	0	1.72	0	0	0	0	0	0	-0.14	-0.14
INV TRANSFORMER	MV42T	521027.26	4884431.37	2	0	0	68.7	68.7	1	647.22	3.25	0	67.22	0	0.2	0	0	1.77	0	0	0	0	0	0	-0.51	-0.51
INV TRANSFORMER	MV27T	521153.54	4883602.56	2	0	0	68.7	68.7	1	676.6	3.25	0	67.61	0	0.2	0	0	1.83	0	0	0	0	0	0	-0.97	-0.97
INV TRANSFORMER	MV22T	520936.13	4883752.78	2	0	0	68.7	68.7	1	751.1	3.25	0	68.51	0	0.22	0	0	2	0	0	0	0	0	0	-2.05	-2.05
INV TRANSFORMER	MV41T	520981.91	4884662.11	2	0	0	68.7	68.7	1	818.89	3.25	0	69.26	0	0.23	0	0	2.14	0	0	0	0	0	0	-2.97	-2.97
INV TRANSFORMER	MV28T	521189.85	4883392.56	2	0	0	68.7	68.7	1	829.07	3.25	0	69.37	0	0.24	0	0	2.17	0	0	0	0	0	0	-3.1	-3.1
INV TRANSFORMER	MV23T	520969.02	4883562.56	2	0	0	68.7	68.7	1	834.73	3.25	0	69.43	0	0.24	0	0	2.18	0	0	0	0	0	0	-3.17	-3.17
INV TRANSFORMER	MV44T	521153.69	4884839.17	2	0	0	68.7	68.7	1	845.29	3.25	0	69.54	0	0.24	0	0	2.2	0	0	0	0	0	0	-3.3	-3.3
INV TRANSFORMER	MV40T	520573.54	4884264.74	2	0	0	69.6	69.6	1	1030.11	3.25	0	71.26	0	0.29	0	0	2.58	0	0	0	0	0	0	-4.55	-4.55
INV TRANSFORMER	MV20T	520751.23	4883714.56	2	0	0	68.7	68.7	1	933.03	3.25	0	70.4	0	0.26	0	0	2.38	0	0	0	0	0	0	-4.37	-4.37
INV TRANSFORMER	MV24T	521001.8	4883372.56	2	0	0	68.7	68.7	1	950.64	3.25	0	70.56	0	0.27	0	0	2.42	0	0	0	0	0	0	-4.57	-4.57
INV TRANSFORMER	MV29T	521222.7	4883202.56	2	0	0	68.7	68.7	1	986.58	3.25	0	70.88	0	0.28	0	0	2.49	0	0	0	0	0	0	-4.97	-4.97
INV TRANSFORMER	MV21T	520786.16	4883512.56	2	0	0	68.7	68.7	1	1008.14	3.25	0	71.07	0	0.28	0	0	2.54	0	0	0	0	0	0	-5.21	-5.21
INV TRANSFORMER	MV25T	521036.45	4883172.56	2	0	0	68.7	68.7	1	1096.23	3.25	0	71.8	0	0.3	0	0	2.71	0	0	0	0	0	0	-6.14	-6.14
INV TRANSFORMER	MV39T	520562	4884736.58	2	0	0	68.7	68.7	1	1202.85	3.25	0	72.6	0	0.33	0	0	2.92	0	0	0	0	0	0	-7.18	-7.18
INV TRANSFORMER	MV38T	520380.43	4884652.58	2	0	0	68.7	68.7	1	1325.58	3.25	0	73.45	0	0.36	0	0	3.16	0	0	0	0	0	0	-8.29	-8.29
INV TRANSFORMER	MV37T	520345.16	4884856.58	2	0	0	68.7	68.7	1	1450.55	3.25	0	74.23	0	0.4	0	0	3.39	0	0	0	0	0	0	-9.34	-9.34
INV TRANSFORMER	MV47T	519833.6	4883248.41	2	0	0	68.7	68.7	1	1962.13	3.25	0	76.85	0	0.53	0	0	4.3	0	0	0	0	0	0	-13.01	-13.01

mit. Value D/N: 0 0

Level D/N: 38.0714 38.0714

Receiver: Project land owner receptor

ID: P7

X: 518741

Y: 4882209

Z: 4.5

Ground: 0

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	INVERTER	MV2	518973.41	4882163.86	2	0	0	100.3	100.3	1	236.76	3.25	0	58.49	0	-0.6	0	0	5.41	0	0	0	0	0	0	37.02	37.02
	INVERTER	MV1	518942.28	4882343.86	2	0	0	100.3	100.3	1	242.3	3.25	0	58.69	0	-0.61	0	0	5.5	0	0	0	0	0	0	36.74	36.74
	INVERTER	MV6	519159.47	4882193.86	2	0	0	100.3	100.3	1	418.75	3.25	0	63.44	0	-0.61	0	0	7.81	0	0	0	0	0	0	29.67	29.67
	INVERTER	MV5	519126.62	4882383.86	2	0	0	100.3	100.3	1	423.42	3.25	0	63.54	0	-0.6	0	0	7.86	0	0	0	0	0	0	29.52	29.52
	INVERTER	MV3	518997.61	4882023.86	2	0	0	97.3	97.3	1	316.44	3.25	0	61.01	0	-0.65	0	0	6.62	0	0	0	0	0	0	30.33	30.33
	INVERTER	MV7	519193.98	4881993.86	2	0	0	100.3	100.3	1	501.48	3.25	0	65.01	0	-0.55	0	0	8.54	0	0	0	0	0	0	27.32	27.32
	INVERTER	MV4	519089.82	4882595.21	2	0	0	100.3	100.3	1	520.42	3.25	0	65.33	0	-0.54	0	0	8.68	0	0	0	0	0	0	26.84	26.84
	INVERTER	MV9	519310.97	4882423.86	2	0	0	100.3	100.3	1	609.13	3.25	0	66.69	0	-0.47	0	0	9.26	0	0	0	0	0	0	24.83	24.83
	INVERTER	MV8	519258.31	4882631.1	2	0	0	100.3	100.3	1	667.68	3.25	0	67.49	0	-0.43	0	0	9.58	0	0	0	0	0	0	23.68	23.68
	INVERTER	MV10	519383.44	4882003.86	2	0	0	100.3	100.3	1	674.4	3.25	0	67.58	0	-0.43	0	0	9.61	0	0	0	0	0	0	23.55	23.55
	INVERTER	MV13	519509.24	4882443.86	2	0	0	100.3	100.3	1	803.34	3.25	0	69.1	0	-0.35	0	0	10.19	0	0	0	0	0	0	21.37	21.37
	INVERTER	MV14	519549.01	4882213.86	2	0	0	100.3	100.3	1	808.02	3.25	0	69.15	0	-0.35	0	0	10.21	0	0	0	0	0	0	21.3	21.3
	INVERTER	MV15	519559	4882060.35	2	0	0	100.3	100.3	1	831.4	3.25	0	69.4	0	-0.33	0	0	10.31	0	0	0	0	0	0	20.94	20.94
	INVERTER	MV12	519470.71	4882665.21	2	0	0	100.3	100.3	1	860.59	3.25	0	69.7	0	-0.32	0	0	10.42	0	0	0	0	0	0	20.51	20.51
	INVERTER	MV18	519724.65	4882303.86	2	0	0	100.3	100.3	1	988.22	3.25	0	70.9	0	-0.25	0	0	10.87	0	0	0	0	0	0	18.8	18.8
	INVERTER	MV17	519691.86	4882493.86	2	0	0	100.3	100.3	1	992.62	3.25	0	70.94	0	-0.25	0	0	10.89	0	0	0	0	0	0	18.74	18.74
	INVERTER	MV16	519639.48	4882701.1	2	0	0	100.3	100.3	1	1024.42	3.25	0	71.21	0	-0.23	0	0	10.99	0	0	0	0	0	0	18.35	18.35
	INVERTER	MV11	519364.7	4882769.62	2	0	0	97.3	97.3	1	838.63	3.25	0	69.47	0	-0.33	0	0	10.33	0	0	0	0	0	0	17.84	17.84
	INVERTER	MV46	519569.31	4883250.26	2	0	0	97.3	97.3	1	1330.53	3.25	0	73.48	0	-0.1	0	0	11.89	0	0	0	0	0	0	12.04	12.04
	DSTATCOM UNIT	DSTAT	519479.25	4883282.56	2.5	0	0	96.6	96.6	1	1302.9	3.5	0	73.3	0	3.06	0	0	1.28	0	0	0	0	0	0	18.99	18.99

INVERTER	MV19	519745.15	4882089.95	2	0	0	89.1	89.1	1	1011.19	3.25	0	71.1	0	0.69	0	0	6.34	0	0	0	0	0	0	10.94	10.94
SUBSTATION TRANSFORMER	TRS	519493.37	4883252.44	3.5	0	0	87.9	87.9	1	1286.4	4	0	73.19	0	-0.78	0	0	3.08	0	0	0	0	0	0	12.38	12.38
INVERTER	MV47	519833.32	4883254.23	2	0	0	89.1	89.1	1	1511.85	3.25	0	74.59	0	0.8	0	0	7.23	0	0	0	0	0	0	6.44	6.44
INV TRANSFORMER	MV2T	518972.91	4882169.67	2	0	0	68.7	68.7	1	235.24	3.25	0	58.43	0	0.4	0	0	0.76	0	0	0	0	0	0	9.09	9.09
INV TRANSFORMER	MV1T	518941.79	4882349.67	2	0	0	68.7	68.7	1	245.17	3.25	0	58.79	0	0.37	0	0	0.79	0	0	0	0	0	0	8.73	8.73
INV TRANSFORMER	MV3T	518997.12	4882029.67	2	0	0	69.6	69.6	1	312.67	3.25	0	60.9	0	0.27	0	0	0.97	0	0	0	0	0	0	7.44	7.44
LINE REACTOR	LR	519485	4883285	6.8	0	0	82	82	1	1308.17	5.65	0	73.33	0	-1.06	0	0	3.13	0	0	0	0	0	0	6.58	6.58
INV TRANSFORMER	MV6T	519158.97	4882199.67	2	0	0	68.7	68.7	1	418.08	3.25	0	63.43	0	0.2	0	0	1.23	0	0	0	0	0	0	3.82	3.82
INV TRANSFORMER	MV5T	519126.12	4882389.67	2	0	0	68.7	68.7	1	425.4	3.25	0	63.58	0	0.2	0	0	1.25	0	0	0	0	0	0	3.65	3.65
INV TRANSFORMER	MV7T	519193.49	4881999.67	2	0	0	68.7	68.7	1	498.57	3.25	0	64.95	0	0.19	0	0	1.43	0	0	0	0	0	0	2.11	2.11
INV TRANSFORMER	MV4T	519089.32	4882601.01	2	0	0	68.7	68.7	1	524.41	3.25	0	65.39	0	0.19	0	0	1.49	0	0	0	0	0	0	1.61	1.61
INV TRANSFORMER	MV9T	519310.48	4882429.67	2	0	0	68.7	68.7	1	610.74	3.25	0	66.72	0	0.19	0	0	1.69	0	0	0	0	0	0	0.08	0.08
INV TRANSFORMER	MV8T	519258.81	4882625.3	2	0	0	68.7	68.7	1	664.41	3.25	0	67.45	0	0.2	0	0	1.81	0	0	0	0	0	0	-0.78	-0.78
INV TRANSFORMER	MV10T	519382.94	4882009.67	2	0	0	68.7	68.7	1	672.18	3.25	0	67.55	0	0.2	0	0	1.82	0	0	0	0	0	0	-0.9	-0.9
INV TRANSFORMER	MV11T	519370.5	4882770.13	2	0	0	69.6	69.6	1	843.3	3.25	0	69.52	0	0.24	0	0	2.2	0	0	0	0	0	0	-2.38	-2.38
INV TRANSFORMER	MV13T	519508.74	4882449.67	2	0	0	68.7	68.7	1	804.58	3.25	0	69.11	0	0.23	0	0	2.11	0	0	0	0	0	0	-2.78	-2.78
INV TRANSFORMER	MV14T	519548.51	4882219.67	2	0	0	68.7	68.7	1	807.58	3.25	0	69.14	0	0.23	0	0	2.12	0	0	0	0	0	0	-2.82	-2.82
INV TRANSFORMER	MV15T	519559.49	4882054.55	2	0	0	68.7	68.7	1	832.94	3.25	0	69.41	0	0.24	0	0	2.17	0	0	0	0	0	0	-3.15	-3.15
INV TRANSFORMER	MV12T	519470.22	4882671.01	2	0	0	68.7	68.7	1	863.26	3.25	0	69.72	0	0.24	0	0	2.24	0	0	0	0	0	0	-3.53	-3.53
INV TRANSFORMER	MV18T	519724.16	4882309.67	2	0	0	68.7	68.7	1	988.3	3.25	0	70.9	0	0.28	0	0	2.5	0	0	0	0	0	0	-4.99	-4.99
INV TRANSFORMER	MV17T	519691.37	4882499.67	2	0	0	68.7	68.7	1	993.83	3.25	0	70.95	0	0.28	0	0	2.51	0	0	0	0	0	0	-5.05	-5.05
INV TRANSFORMER	MV19T	519745.65	4882084.15	2	0	0	68.7	68.7	1	1012.38	3.25	0	71.11	0	0.28	0	0	2.54	0	0	0	0	0	0	-5.26	-5.26
INV TRANSFORMER	MV16T	519639.98	4882695.3	2	0	0	68.7	68.7	1	1022.08	3.25	0	71.19	0	0.28	0	0	2.56	0	0	0	0	0	0	-5.36	-5.36
INV TRANSFORMER	MV46T	519569.03	4883256.08	2	0	0	69.6	69.6	1	1334.92	3.25	0	73.51	0	0.37	0	0	3.18	0	0	0	0	0	0	-7.47	-7.47
INV TRANSFORMER	MV47T	519833.6	4883248.41	2	0	0	68.7	68.7	1	1508.03	3.25	0	74.57	0	0.41	0	0	3.5	0	0	0	0	0	0	-9.8	-9.8
mit. Value D/N:	0	0																							
Level D/N:	41.8757	41.8757																							

Receiver: Existing Noise Receptor
ID: R32
X: 521186
Y: 4884030
Z: 4.5
Ground: 0

Spectrum model output for most impacted receptor: R32

ISO	Description	ID	X	Y	Z	Ground	ReflOrd	LxT	LxN	L/A	Dist.	hm	Freq	Adiv	K0b	Agr	Abar	z	Aatm	Afol	Ahous	Cmet	CmetN	Dc	RL	LtotT	LtotN
	INVERTER	MV22	520936.62	4883746.98	2	0	0	59.8	59.8	1	377.22	3.25	32	62.53	0	-4.45	0	0	0.01	0	0	0	0	0	0	1.71	1.71
	INVERTER	MV22	520936.62	4883746.98	2	0	0	65.9	65.9	1	377.22	3.25	63	62.53	0	-4.45	0	0	0.05	0	0	0	0	0	0	7.77	7.77
	INVERTER	MV22	520936.62	4883746.98	2	0	0	73.6	73.6	1	377.22	3.25	125	62.53	0	2.54	0	0	0.16	0	0	0	0	0	0	8.37	8.37
	INVERTER	MV22	520936.62	4883746.98	2	0	0	82.6	82.6	1	377.22	3.25	250	62.53	0	3.84	0	0	0.39	0	0	0	0	0	0	15.84	15.84
	INVERTER	MV22	520936.62	4883746.98	2	0	0	88.1	88.1	1	377.22	3.25	500	62.53	0	0.22	0	0	0.73	0	0	0	0	0	0	24.62	24.62
	INVERTER	MV22	520936.62	4883746.98	2	0	0	85.7	85.7	1	377.22	3.25	1000	62.53	0	-1.24	0	0	1.38	0	0	0	0	0	0	23.03	23.03
	INVERTER	MV22	520936.62	4883746.98	2	0	0	90.6	90.6	1	377.22	3.25	2000	62.53	0	-1.33	0	0	3.65	0	0	0	0	0	0	25.76	25.76
	INVERTER	MV22	520936.62	4883746.98	2	0	0	99	99	1	377.22	3.25	4000	62.53	0	-1.33	0	0	12.36	0	0	0	0	0	0	25.44	25.44
	INVERTER	MV22	520936.62	4883746.98	2	0	0	86.3	86.3	1	377.22	3.25	8000	62.53	0	-1.33	0	0	44.09	0	0	0	0	0	0	-18.99	-18.99
	INVERTER	MV27	521154.04	4883596.75	2	0	0	59.8	59.8	1	434.43	3.25	32	63.76	0	-4.65	0	0	0.01	0	0	0	0	0	0	0.68	0.68
	INVERTER	MV27	521154.04	4883596.75	2	0	0	65.9	65.9	1	434.43	3.25	63	63.76	0	-4.65	0	0	0.05	0	0	0	0	0	0	6.74	6.74
	INVERTER	MV27	521154.04	4883596.75	2	0	0	73.6	73.6	1	434.43	3.25	125	63.76	0	2.76	0	0	0.18	0	0	0	0	0	0	6.9	6.9
	INVERTER	MV27	521154.04	4883596.75	2	0	0	82.6	82.6	1	434.43	3.25	250	63.76	0	3.78	0	0	0.45	0	0	0	0	0	0	14.61	14.61
	INVERTER	MV27	521154.04	4883596.75	2	0	0	88.1	88.1	1	434.43	3.25	500	63.76	0	0.16	0	0	0.84	0	0	0	0	0	0	23.34	23.34
	INVERTER	MV27	521154.04	4883596.75	2	0	0	85.7	85.7	1	434.43	3.25	1000	63.76	0	-1.3	0	0	1.59	0	0	0	0	0	0	21.65	21.65
	INVERTER	MV27	521154.04	4883596.75	2	0	0	90.6	90.6	1	434.43	3.25	2000	63.76	0	-1.4	0	0	4.2	0	0	0	0	0	0	24.04	24.04
	INVERTER	MV27	521154.04	4883596.75	2	0	0	99	99	1	434.43	3.25	4000	63.76	0	-1.4	0	0	14.24	0	0	0	0	0	0	22.4	22.4
	INVERTER	MV27	521154.04	4883596.75	2	0	0	86.3	86.3	1	434.43	3.25	8000	63.76	0	-1.4	0	0	50.78	0	0	0	0	0	0	-26.84	-26.84
	INVERTER	MV26	521131.56	4883726.75	2	0	0	56.8	56.8	1	308.1	3.25	32	60.77	0	-4.1	0	0	0.01	0	0	0	0	0	0	0.12	0.12
	INVERTER	MV26	521131.56	4883726.75	2	0	0	62.9	62.9	1	308.1	3.25	63	60.77	0	-4.1	0	0	0.04	0	0	0	0	0	0	6.19	6.19
	INVERTER	MV26	521131.56	4883726.75	2	0	0	70.6	70.6	1	308.1	3.25	125	60.77	0	2.32	0	0	0.13	0	0	0	0	0	0	7.38	7.38
	INVERTER	MV26	521131.56	4883726.75	2	0	0	79.6	79.6	1	308.1	3.25	250	60.77	0	3.93	0	0	0.32	0	0	0	0	0	0	14.57	14.57
	INVERTER	MV26	521131.56	4883726.75	2	0	0	85.1	85.1	1	308.1	3.25	500	60.77	0	0.32	0	0	0.59	0	0	0	0	0	0	23.41	23.41
	INVERTER	MV26	521131.56	4883726.75	2	0	0	82.7	82.7	1	308.1	3.25	1000	60.77	0	-1.13	0	0	1.13	0	0	0	0	0	0	21.93	21.93
	INVERTER	MV26	521131.56	4883726.75	2	0	0	87.6	87.6	1	308.1	3.25	2000	60.77	0	-1.23	0	0	2.98	0	0	0	0	0	0	25.08	25.08
	INVERTER	MV26	521131.56	4883726.75	2	0	0	96	96	1	308.1	3.25	4000	60.77	0	-1.23	0	0	10.1	0	0	0	0	0	0	26.36	26.36
	INVERTER	MV26	521131.56	4883726.75	2	0	0	83.3	83.3	1	308.1	3.25	8000	60.77	0	-1.23	0	0	36.01	0	0	0	0	0	0	-12.26	-12.26
	INVERTER	MV42	521026.63	4884437.16	2	0	0	59.8	59.8	1	437.24	3.25	32	63.81	0	-4.66	0	0	0.01	0	0	0	0	0	0	0.63	0.63
	INVERTER	MV42	521026.63	4884437.16	2	0	0	65.9	65.9	1	437.24	3.25	63	63.81	0	-4.66	0	0	0.05	0	0	0	0	0	0	6.69	6.69
	INVERTER	MV42	521026.63	4884437.16	2	0	0	73.6	73.6	1	437.24	3.25	125	63.81	0	2.77	0	0	0.18	0	0	0	0	0	0	6.83	6.83
	INVERTER	MV42	521026.63	4884437.16	2	0	0	82.6	82.6	1	437.24	3.25	250	63.81	0	3.77	0	0	0.46	0	0	0	0	0	0	14.56	14.56
	INVERTER	MV42	521026.63	4884437.16	2	0	0	88.1	88.1	1	437.24	3.25	500	63.81	0	0.16	0	0	0.84	0	0	0	0	0	0	23.28	23.28
	INVERTER	MV42	521026.63	4884437.16	2	0	0	85.7	85.7	1	437.24	3.25	1000	63.81	0	-1.3	0	0	1.6	0	0	0	0	0	0	21.59	21.59
	INVERTER	MV42	521026.63	4884437.16	2	0	0	90.6	90.6	1	437.24	3.25	2000	63.81	0	-1.4	0	0	4.23	0	0	0	0	0	0	23.96	23.96
	INVERTER	MV42	521026.63	4884437.16	2	0	0	99	99	1	437.24	3.25	4000	63.81	0	-1.4	0	0	14.33	0	0	0	0	0	0	22.26	22.26
	INVERTER	MV42	521026.63	4884437.16	2	0	0	86.3	86.3	1	437.24	3.25	8000	63.81	0	-1.4	0	0	51.11	0	0	0	0	0	0	-27.22	-27.22
	INVERTER	MV23	520969.51	4883556.75	2	0	0	59.8	59.8	1	520.42	3.25	32	65.33	0	-4.88	0	0	0.02	0	0	0	0	0	0	-0.67	-0.67
	INVERTER	MV23	520969.51	4883556.75	2	0	0	65.9	65.9	1	520.42	3.25	63	65.33	0	-4.88	0	0	0.06	0	0	0	0	0	0	5.39	5.39
	INVERTER	MV23	520969.51	4883556.75	2	0	0	73.6	73.6	1	520.42	3.25	125	65.33	0	3.11	0	0	0.21	0	0	0	0	0	0	4.95	4.95
	INVERTER	MV23	520969.51	4883556.75	2	0	0	82.6	82.6	1	520.42	3.25	250	65.33	0	3.71	0	0	0.54	0	0	0	0	0	0	13.02	13.02
	INVERTER	MV23	520969.51	4883556.75	2	0	0	88.1	88.1	1	520.42	3.25	500	65.33	0	0.09	0	0	1	0	0	0	0	0	0	21.68	21.68
	INVERTER	MV23	520969.51	4883556.75	2	0	0	85.7	85.7	1	520.42	3.25	1000	65.33	0	-1.37	0	0	1.9	0	0	0	0	0	0	19.84	19.84
	INVERTER	MV23	520969.51	4883556.75	2	0	0	90.6	90.6	1	520.42	3.25	2000	65.33	0	-1.46	0	0	5.03	0	0	0	0	0	0	21.71	21.71
	INVERTER	MV23	520969.51	4883556.75	2	0	0	99	99	1	520.42	3.25	4000	65.33	0	-1.46	0	0	17.05	0	0	0	0	0	0	18.08	18.08
	INVERTER	MV23	520969.51	4883556.75	2	0	0	86.3	86.3	1	520.42	3.25	8000	65.33	0	-1.46	0	0	60.83	0	0	0	0	0	0	-38.39	-38.39
	INVERTER	MV31	521375.47	4883526.75	2	0	0	59.8	59.8	1	537.74	3.25	32	65.61	0	-4.91	0	0	0.02	0	0	0	0	0	0	-0.92	-0.92
	INVERTER	MV31	521375.47	4883526.75	2	0	0	65.9	65.9	1	537.74	3.25	63	65.61	0	-4.91	0	0	0.07	0	0	0	0	0	0	5.14	5.14
	INVERTER	MV31	521375.47	4883526.75	2	0	0	73.6	73.6	1	537.74	3.25	125	65.61	0	3.18	0	0	0.22	0	0	0	0	0	0	4.59	4.59
	INVERTER	MV31	521375.47	4883526.75	2	0	0	82.6	82.6	1	537.74	3.25	250	65.61	0	3.7	0	0	0.56	0	0	0	0	0	0	12.73	12.73
	INVERTER	MV31	521375.47	4883526.75	2	0	0	88.1	88.1	1	537.74	3.25	500	65.61	0	0.08	0	0	1.04	0	0	0	0	0	0	21.37	21.37
	INVERTER	MV31	521375.47	4883526.75	2	0	0	85.7	85.7	1	537.74	3.25	1000	65.61	0	-1.38	0	0	1.97	0	0	0	0	0	0	19.5	19.5
	INVERTER	MV31	521375.47	4883526.75	2	0	0	90.6	90.6	1	537.74	3.25	2000	65.61	0	-1.47	0	0	5.2	0	0	0	0	0	0	21.27	21.27
	INVERTER	MV31	521375.47	4883526.75	2	0	0	99	99	1	537.74	3.25	4000	65.61	0	-1.47	0	0	17.62	0	0	0	0	0	0	17.24	17.24
	INVERTER	MV31	521375.47	4883526.75	2	0	0	86.3	86.3	1	537.74	3.25	8000	65.61	0	-1.47	0	0	62.85	0	0	0	0	0	0	-40.69	-40.69
	INVERTER	MV36	521687.36	4883832.75	2	0	0	59.8	59.8	1	538.77	3.25	32	65.63	0	-4.91	0	0	0.02	0	0	0	0	0	0	-0.93	-0.93
	INVERTER	MV36	521687.36	4883832.75	2	0	0	65.9	65.9	1	538.77	3.25	63	65.63	0	-4.91	0	0	0.07	0	0	0	0	0	0	5.12	5.12
	INVERTER	MV36	521687.36	4883832.75	2	0	0	73.6	73.6	1	538.77	3.25	125	65.63	0	3.18	0	0	0.22	0	0	0	0	0	0	4.57	4.57
	INVERTER	MV36	521687.36	4883832.75	2	0	0	82.6	82.6	1	538.77	3.25	250	65.63	0	3.7	0	0	0.56	0	0	0	0	0	0	12.71	12.71
	INVERTER	MV36	521687.36	4883832.75	2	0	0	88.1	88.1	1	538.77	3.25	500	65.63	0	0.08	0	0	1.04	0	0	0	0	0	0	21.35	21.35
	INVERTER	MV36	521687.36	4883832.75	2	0	0	85.7	85.7	1	538.77	3.25	1000	65.63	0	-1.38	0	0	1.97	0	0	0	0	0	0	19.48	19.48
	INVERTER	MV36	521687.36	4883832.75	2	0	0	90.6	90.6	1	538.77	3.25	2000	65.63	0	-1.47	0	0	5.21	0	0	0	0	0	0	21.24	21.24
	INVERTER	MV36	521687.36	4883832.75	2	0	0	99	99	1	538.77	3.25	4000	65.63	0	-1.47	0	0	17.66	0	0	0	0	0	0	17.19	17.19

INVERTER	MV36	521687.36	4883832.75	2	0	0	86.3	86.3	1	538.77	3.25	8000	65.63	0	-1.47	0	0	62.97	0	0	0	0	0	0	-40.83	-40.83
INVERTER	MV20	520751.73	4883708.75	2	0	0	59.8	59.8	1	540.18	3.25	32	65.65	0	-4.92	0	0	0.02	0	0	0	0	0	0	-0.95	-0.95
INVERTER	MV20	520751.73	4883708.75	2	0	0	65.9	65.9	1	540.18	3.25	63	65.65	0	-4.92	0	0	0.07	0	0	0	0	0	0	5.1	5.1
INVERTER	MV20	520751.73	4883708.75	2	0	0	73.6	73.6	1	540.18	3.25	125	65.65	0	3.19	0	0	0.22	0	0	0	0	0	0	4.54	4.54
INVERTER	MV20	520751.73	4883708.75	2	0	0	82.6	82.6	1	540.18	3.25	250	65.65	0	3.7	0	0	0.56	0	0	0	0	0	0	12.69	12.69
INVERTER	MV20	520751.73	4883708.75	2	0	0	88.1	88.1	1	540.18	3.25	500	65.65	0	0.08	0	0	1.04	0	0	0	0	0	0	21.33	21.33
INVERTER	MV20	520751.73	4883708.75	2	0	0	85.7	85.7	1	540.18	3.25	1000	65.65	0	-1.38	0	0	1.98	0	0	0	0	0	0	19.45	19.45
INVERTER	MV20	520751.73	4883708.75	2	0	0	90.6	90.6	1	540.18	3.25	2000	65.65	0	-1.48	0	0	5.22	0	0	0	0	0	0	21.2	21.2
INVERTER	MV20	520751.73	4883708.75	2	0	0	99	99	1	540.18	3.25	4000	65.65	0	-1.48	0	0	17.7	0	0	0	0	0	0	17.12	17.12
INVERTER	MV20	520751.73	4883708.75	2	0	0	86.3	86.3	1	540.18	3.25	8000	65.65	0	-1.48	0	0	63.14	0	0	0	0	0	0	-41.01	-41.01
INVERTER	MV45	521201.3	4884593.26	2	0	0	59.8	59.8	1	563.48	3.25	32	66.02	0	-4.96	0	0	0.02	0	0	0	0	0	0	-1.27	-1.27
INVERTER	MV45	521201.3	4884593.26	2	0	0	65.9	65.9	1	563.48	3.25	63	66.02	0	-4.96	0	0	0.07	0	0	0	0	0	0	4.78	4.78
INVERTER	MV45	521201.3	4884593.26	2	0	0	73.6	73.6	1	563.48	3.25	125	66.02	0	3.28	0	0	0.23	0	0	0	0	0	0	4.07	4.07
INVERTER	MV45	521201.3	4884593.26	2	0	0	82.6	82.6	1	563.48	3.25	250	66.02	0	3.68	0	0	0.59	0	0	0	0	0	0	12.31	12.31
INVERTER	MV45	521201.3	4884593.26	2	0	0	88.1	88.1	1	563.48	3.25	500	66.02	0	0.07	0	0	1.09	0	0	0	0	0	0	20.93	20.93
INVERTER	MV45	521201.3	4884593.26	2	0	0	85.7	85.7	1	563.48	3.25	1000	66.02	0	-1.39	0	0	2.06	0	0	0	0	0	0	19.01	19.01
INVERTER	MV45	521201.3	4884593.26	2	0	0	90.6	90.6	1	563.48	3.25	2000	66.02	0	-1.49	0	0	5.45	0	0	0	0	0	0	20.63	20.63
INVERTER	MV45	521201.3	4884593.26	2	0	0	99	99	1	563.48	3.25	4000	66.02	0	-1.49	0	0	18.47	0	0	0	0	0	0	16.01	16.01
INVERTER	MV45	521201.3	4884593.26	2	0	0	86.3	86.3	1	563.48	3.25	8000	66.02	0	-1.49	0	0	65.86	0	0	0	0	0	0	-44.09	-44.09
INVERTER	MV30	521351.26	4883666.75	2	0	0	56.8	56.8	1	399.08	3.25	32	63.02	0	-4.53	0	0	0.01	0	0	0	0	0	0	-1.7	-1.7
INVERTER	MV30	521351.26	4883666.75	2	0	0	62.9	62.9	1	399.08	3.25	63	63.02	0	-4.53	0	0	0.05	0	0	0	0	0	0	4.36	4.36
INVERTER	MV30	521351.26	4883666.75	2	0	0	70.6	70.6	1	399.08	3.25	125	63.02	0	2.62	0	0	0.16	0	0	0	0	0	0	4.79	4.79
INVERTER	MV30	521351.26	4883666.75	2	0	0	79.6	79.6	1	399.08	3.25	250	63.02	0	3.81	0	0	0.42	0	0	0	0	0	0	12.35	12.35
INVERTER	MV30	521351.26	4883666.75	2	0	0	85.1	85.1	1	399.08	3.25	500	63.02	0	0.2	0	0	0.77	0	0	0	0	0	0	21.11	21.11
INVERTER	MV30	521351.26	4883666.75	2	0	0	82.7	82.7	1	399.08	3.25	1000	63.02	0	-1.26	0	0	1.46	0	0	0	0	0	0	19.48	19.48
INVERTER	MV30	521351.26	4883666.75	2	0	0	87.6	87.6	1	399.08	3.25	2000	63.02	0	-1.36	0	0	3.86	0	0	0	0	0	0	22.08	22.08
INVERTER	MV30	521351.26	4883666.75	2	0	0	96	96	1	399.08	3.25	4000	63.02	0	-1.36	0	0	13.08	0	0	0	0	0	0	21.26	21.26
INVERTER	MV30	521351.26	4883666.75	2	0	0	83.3	83.3	1	399.08	3.25	8000	63.02	0	-1.36	0	0	46.65	0	0	0	0	0	0	-25.01	-25.01
INVERTER	MV33	521543.7	4883556.75	2	0	0	59.8	59.8	1	593.23	3.25	32	66.46	0	-5.01	0	0	0.02	0	0	0	0	0	0	-1.67	-1.67
INVERTER	MV33	521543.7	4883556.75	2	0	0	65.9	65.9	1	593.23	3.25	63	66.46	0	-5.01	0	0	0.07	0	0	0	0	0	0	4.38	4.38
INVERTER	MV33	521543.7	4883556.75	2	0	0	73.6	73.6	1	593.23	3.25	125	66.46	0	3.4	0	0	0.24	0	0	0	0	0	0	3.5	3.5
INVERTER	MV33	521543.7	4883556.75	2	0	0	82.6	82.6	1	593.23	3.25	250	66.46	0	3.67	0	0	0.62	0	0	0	0	0	0	11.85	11.85
INVERTER	MV33	521543.7	4883556.75	2	0	0	88.1	88.1	1	593.23	3.25	500	66.46	0	0.05	0	0	1.14	0	0	0	0	0	0	20.44	20.44
INVERTER	MV33	521543.7	4883556.75	2	0	0	85.7	85.7	1	593.23	3.25	1000	66.46	0	-1.41	0	0	2.17	0	0	0	0	0	0	18.47	18.47
INVERTER	MV33	521543.7	4883556.75	2	0	0	90.6	90.6	1	593.23	3.25	2000	66.46	0	-1.5	0	0	5.73	0	0	0	0	0	0	19.91	19.91
INVERTER	MV33	521543.7	4883556.75	2	0	0	99	99	1	593.23	3.25	4000	66.46	0	-1.5	0	0	19.44	0	0	0	0	0	0	14.6	14.6
INVERTER	MV33	521543.7	4883556.75	2	0	0	86.3	86.3	1	593.23	3.25	8000	66.46	0	-1.5	0	0	69.34	0	0	0	0	0	0	-48	-48
INVERTER	MV28	521190.35	4883386.75	2	0	0	59.8	59.8	1	643.27	3.25	32	67.17	0	-5.09	0	0	0.02	0	0	0	0	0	0	-2.3	-2.3
INVERTER	MV28	521190.35	4883386.75	2	0	0	65.9	65.9	1	643.27	3.25	63	67.17	0	-5.09	0	0	0.08	0	0	0	0	0	0	3.74	3.74
INVERTER	MV28	521190.35	4883386.75	2	0	0	73.6	73.6	1	643.27	3.25	125	67.17	0	3.58	0	0	0.26	0	0	0	0	0	0	2.59	2.59
INVERTER	MV28	521190.35	4883386.75	2	0	0	82.6	82.6	1	643.27	3.25	250	67.17	0	3.65	0	0	0.67	0	0	0	0	0	0	11.12	11.12
INVERTER	MV28	521190.35	4883386.75	2	0	0	88.1	88.1	1	643.27	3.25	500	67.17	0	0.03	0	0	1.24	0	0	0	0	0	0	19.66	19.66
INVERTER	MV28	521190.35	4883386.75	2	0	0	85.7	85.7	1	643.27	3.25	1000	67.17	0	-1.43	0	0	2.35	0	0	0	0	0	0	17.61	17.61
INVERTER	MV28	521190.35	4883386.75	2	0	0	90.6	90.6	1	643.27	3.25	2000	67.17	0	-1.53	0	0	6.22	0	0	0	0	0	0	18.74	18.74
INVERTER	MV28	521190.35	4883386.75	2	0	0	99	99	1	643.27	3.25	4000	67.17	0	-1.53	0	0	21.08	0	0	0	0	0	0	12.28	12.28
INVERTER	MV28	521190.35	4883386.75	2	0	0	86.3	86.3	1	643.27	3.25	8000	67.17	0	-1.53	0	0	75.19	0	0	0	0	0	0	-54.53	-54.53
INVERTER	MV21	520786.65	4883506.75	2	0	0	59.8	59.8	1	658.23	3.25	32	67.37	0	-5.11	0	0	0.02	0	0	0	0	0	0	-2.48	-2.48
INVERTER	MV21	520786.65	4883506.75	2	0	0	65.9	65.9	1	658.23	3.25	63	67.37	0	-5.11	0	0	0.08	0	0	0	0	0	0	3.56	3.56
INVERTER	MV21	520786.65	4883506.75	2	0	0	73.6	73.6	1	658.23	3.25	125	67.37	0	3.63	0	0	0.27	0	0	0	0	0	0	2.33	2.33
INVERTER	MV21	520786.65	4883506.75	2	0	0	82.6	82.6	1	658.23	3.25	250	67.37	0	3.64	0	0	0.69	0	0	0	0	0	0	10.91	10.91
INVERTER	MV21	520786.65	4883506.75	2	0	0	88.1	88.1	1	658.23	3.25	500	67.37	0	0.02	0	0	1.27	0	0	0	0	0	0	19.44	19.44
INVERTER	MV21	520786.65	4883506.75	2	0	0	85.7	85.7	1	658.23	3.25	1000	67.37	0	-1.44	0	0	2.41	0	0	0	0	0	0	17.36	17.36
INVERTER	MV21	520786.65	4883506.75	2	0	0	90.6	90.6	1	658.23	3.25	2000	67.37	0	-1.53	0	0	6.36	0	0	0	0	0	0	18.4	18.4
INVERTER	MV21	520786.65	4883506.75	2	0	0	99	99	1	658.23	3.25	4000	67.37	0	-1.53	0	0	21.57	0	0	0	0	0	0	11.6	11.6
INVERTER	MV21	520786.65	4883506.75	2	0	0	86.3	86.3	1	658.23	3.25	8000	67.37	0	-1.53	0	0	76.94	0	0	0	0	0	0	-56.47	-56.47
INVERTER	MV41	520981.28	4884667.9	2	0	0	59.8	59.8	1	669.95	3.25	32	67.52	0	-5.13	0	0	0.02	0	0	0	0	0	0	-2.62	-2.62
INVERTER	MV41	520981.28	4884667.9	2	0	0	65.9	65.9	1	669.95	3.25	63	67.52	0	-5.13	0	0	0.08	0	0	0	0	0	0	3.42	3.42
INVERTER	MV41	520981.28	4884667.9	2	0	0	73.6	73.6	1	669.95	3.25	125	67.52	0	3.67	0	0	0.28	0	0	0	0	0	0	2.14	2.14
INVERTER	MV41	520981.28	4884667.9	2	0	0	82.6	82.6	1	669.95	3.25	250	67.52	0	3.63	0	0	0.7	0	0	0	0	0	0	10.75	10.75
INVERTER	MV41	520981.28	4884667.9	2	0	0	88.1	88.1	1	669.95	3.25	500	67.52	0	0.02	0	0	1.29	0	0	0	0	0	0	19.27	19.27
INVERTER	MV41	520981.28	4884667.9	2	0	0	85.7	85.7	1	669.95	3.25	1000	67.52	0	-1.44	0	0	2.45	0	0	0	0	0	0	17.17	17.17
INVERTER	MV41	520981.28	4884667.9	2	0	0	90.6	90.6	1	669.95	3.25	2000	67.52	0	-1.54	0	0	6.47	0	0	0	0	0	0	18.14	18.14
INVERTER	MV41	520981.28	4884667.9	2	0	0	99	99	1	669.95	3.25	4000	67.52	0	-1.54	0	0	21.95	0	0	0	0	0	0	11.06	11.06
INVERTER	MV41	520981.28	4884667.9	2	0	0	86.3	86.3	1	669.95	3.25	8000	67.52	0	-1.54	0	0	78.31	0	0	0	0	0	0	-57.99	-57.99
INVERTER	MV32	521521.23	4883686.75	2	0	0	56.8	56.8	1	479.79	3.25	32	64.62	0	-4.78	0	0	0.02	0	0	0	0	0	0	-3.06	-3.06
INVERTER	MV32	521521.23	4883686.75	2	0	0	62.9	62.9	1	479.79	3.25	63	64.62	0	-4.78	0	0	0.06	0	0	0	0	0	0	3	3
INVERTER	MV32	521521.23	4883686.75	2	0	0	70.6	70.6	1	479.79	3.25	125	64.62	0	2.95	0	0	0.2	0	0	0	0	0	0	2.84	2.84
INVERTER	MV32	521521.23	4883686.75	2	0	0	79.6	79.6	1	479.79	3.25	250	64.62	0	3.74	0	0	0.5	0	0	0	0	0	0	10.74	10.74
INVERTER	MV32	521521.23	4883686.75	2	0	0	85.1	85.1	1	479.79	3.25	500	64.62	0	0.12	0	0	0.92	0	0	0	0	0	0	19.43	19.43
INVERTER	MV32	521521.23	4883686.75	2	0	0	82.7	82.7	1	479.79	3.25	1000	64.62	0	-1.34	0	0	1.75	0	0	0	0	0	0	17.66	17.66
INVERTER	MV32	521521.23	4883686.75	2	0	0	87.6	87.6	1	479.79	3.25	2000	64.62	0	-1.43	0	0	4.64	0	0	0	0	0	0	19.78	19.78
INVERTER	MV32	521521.23	4883686.75	2	0	0	96	96	1	479.79	3.25	4000	64.62	0	-1.43	0	0	15.72	0	0	0	0	0	0	17.09	17.09

INVERTER	MV32	521521.23	4883686.75	2	0	0	83.3	83.3	1	479.79	3.25	8000	64.62	0	-1.43	0	0	56.08	0	0	0	0	0	0	-35.97	-35.97
INVERTER	MV35	521726.44	4883606.75	2	0	0	59.8	59.8	1	686.45	3.25	32	67.73	0	-5.15	0	0	0.02	0	0	0	0	0	0	-2.81	-2.81
INVERTER	MV35	521726.44	4883606.75	2	0	0	65.9	65.9	1	686.45	3.25	63	67.73	0	-5.15	0	0	0.08	0	0	0	0	0	0	3.23	3.23
INVERTER	MV35	521726.44	4883606.75	2	0	0	73.6	73.6	1	686.45	3.25	125	67.73	0	3.72	0	0	0.28	0	0	0	0	0	0	1.87	1.87
INVERTER	MV35	521726.44	4883606.75	2	0	0	82.6	82.6	1	686.45	3.25	250	67.73	0	3.63	0	0	0.72	0	0	0	0	0	0	10.52	10.52
INVERTER	MV35	521726.44	4883606.75	2	0	0	88.1	88.1	1	686.45	3.25	500	67.73	0	0.01	0	0	1.32	0	0	0	0	0	0	19.03	19.03
INVERTER	MV35	521726.44	4883606.75	2	0	0	85.7	85.7	1	686.45	3.25	1000	67.73	0	-1.45	0	0	2.51	0	0	0	0	0	0	16.91	16.91
INVERTER	MV35	521726.44	4883606.75	2	0	0	90.6	90.6	1	686.45	3.25	2000	67.73	0	-1.54	0	0	6.63	0	0	0	0	0	0	17.78	17.78
INVERTER	MV35	521726.44	4883606.75	2	0	0	99	99	1	686.45	3.25	4000	67.73	0	-1.54	0	0	22.5	0	0	0	0	0	0	10.32	10.32
INVERTER	MV35	521726.44	4883606.75	2	0	0	86.3	86.3	1	686.45	3.25	8000	67.73	0	-1.54	0	0	80.23	0	0	0	0	0	0	-60.12	-60.12
INVERTER	MV24	521002.3	4883366.75	2	0	0	59.8	59.8	1	688.22	3.25	32	67.75	0	-5.15	0	0	0.02	0	0	0	0	0	0	-2.83	-2.83
INVERTER	MV24	521002.3	4883366.75	2	0	0	65.9	65.9	1	688.22	3.25	63	67.75	0	-5.15	0	0	0.08	0	0	0	0	0	0	3.21	3.21
INVERTER	MV24	521002.3	4883366.75	2	0	0	73.6	73.6	1	688.22	3.25	125	67.75	0	3.72	0	0	0.28	0	0	0	0	0	0	1.84	1.84
INVERTER	MV24	521002.3	4883366.75	2	0	0	82.6	82.6	1	688.22	3.25	250	67.75	0	3.63	0	0	0.72	0	0	0	0	0	0	10.5	10.5
INVERTER	MV24	521002.3	4883366.75	2	0	0	88.1	88.1	1	688.22	3.25	500	67.75	0	0.01	0	0	1.33	0	0	0	0	0	0	19.01	19.01
INVERTER	MV24	521002.3	4883366.75	2	0	0	85.7	85.7	1	688.22	3.25	1000	67.75	0	-1.45	0	0	2.52	0	0	0	0	0	0	16.88	16.88
INVERTER	MV24	521002.3	4883366.75	2	0	0	90.6	90.6	1	688.22	3.25	2000	67.75	0	-1.54	0	0	6.65	0	0	0	0	0	0	17.74	17.74
INVERTER	MV24	521002.3	4883366.75	2	0	0	99	99	1	688.22	3.25	4000	67.75	0	-1.54	0	0	22.55	0	0	0	0	0	0	10.24	10.24
INVERTER	MV24	521002.3	4883366.75	2	0	0	86.3	86.3	1	688.22	3.25	8000	67.75	0	-1.54	0	0	80.44	0	0	0	0	0	0	-60.35	-60.35
INVERTER	MV44	521154.3	4884833.37	2	0	0	59.8	59.8	1	804	3.25	32	69.11	0	-5.27	0	0	0.03	0	0	0	0	0	0	-4.06	-4.06
INVERTER	MV44	521154.3	4884833.37	2	0	0	65.9	65.9	1	804	3.25	63	69.11	0	-5.27	0	0	0.1	0	0	0	0	0	0	1.97	1.97
INVERTER	MV44	521154.3	4884833.37	2	0	0	73.6	73.6	1	804	3.25	125	69.11	0	4.04	0	0	0.33	0	0	0	0	0	0	0.13	0.13
INVERTER	MV44	521154.3	4884833.37	2	0	0	82.6	82.6	1	804	3.25	250	69.11	0	3.59	0	0	0.84	0	0	0	0	0	0	9.06	9.06
INVERTER	MV44	521154.3	4884833.37	2	0	0	88.1	88.1	1	804	3.25	500	69.11	0	-0.02	0	0	1.55	0	0	0	0	0	0	17.47	17.47
INVERTER	MV44	521154.3	4884833.37	2	0	0	85.7	85.7	1	804	3.25	1000	69.11	0	-1.49	0	0	2.94	0	0	0	0	0	0	15.14	15.14
INVERTER	MV44	521154.3	4884833.37	2	0	0	90.6	90.6	1	804	3.25	2000	69.11	0	-1.58	0	0	7.77	0	0	0	0	0	0	15.31	15.31
INVERTER	MV44	521154.3	4884833.37	2	0	0	99	99	1	804	3.25	4000	69.11	0	-1.58	0	0	26.35	0	0	0	0	0	0	5.13	5.13
INVERTER	MV44	521154.3	4884833.37	2	0	0	86.3	86.3	1	804	3.25	8000	69.11	0	-1.58	0	0	93.97	0	0	0	0	0	0	-75.2	-75.2
INVERTER	MV29	521223.2	4883196.75	2	0	0	59.8	59.8	1	834.08	3.25	32	69.42	0	-5.3	0	0	0.03	0	0	0	0	0	0	-4.35	-4.35
INVERTER	MV29	521223.2	4883196.75	2	0	0	65.9	65.9	1	834.08	3.25	63	69.42	0	-5.3	0	0	0.1	0	0	0	0	0	0	1.67	1.67
INVERTER	MV29	521223.2	4883196.75	2	0	0	73.6	73.6	1	834.08	3.25	125	69.42	0	4.1	0	0	0.34	0	0	0	0	0	0	-0.27	-0.27
INVERTER	MV29	521223.2	4883196.75	2	0	0	82.6	82.6	1	834.08	3.25	250	69.42	0	3.58	0	0	0.87	0	0	0	0	0	0	8.72	8.72
INVERTER	MV29	521223.2	4883196.75	2	0	0	88.1	88.1	1	834.08	3.25	500	69.42	0	-0.03	0	0	1.61	0	0	0	0	0	0	17.1	17.1
INVERTER	MV29	521223.2	4883196.75	2	0	0	85.7	85.7	1	834.08	3.25	1000	69.42	0	-1.49	0	0	3.05	0	0	0	0	0	0	14.72	14.72
INVERTER	MV29	521223.2	4883196.75	2	0	0	90.6	90.6	1	834.08	3.25	2000	69.42	0	-1.59	0	0	8.06	0	0	0	0	0	0	14.7	14.7
INVERTER	MV29	521223.2	4883196.75	2	0	0	99	99	1	834.08	3.25	4000	69.42	0	-1.59	0	0	27.33	0	0	0	0	0	0	3.83	3.83
INVERTER	MV29	521223.2	4883196.75	2	0	0	86.3	86.3	1	834.08	3.25	8000	69.42	0	-1.59	0	0	97.49	0	0	0	0	0	0	-79.02	-79.02
INVERTER	MV25	521036.94	4883166.75	2	0	0	59.8	59.8	1	876.02	3.25	32	69.85	0	-5.33	0	0	0.03	0	0	0	0	0	0	-4.75	-4.75
INVERTER	MV25	521036.94	4883166.75	2	0	0	65.9	65.9	1	876.02	3.25	63	69.85	0	-5.33	0	0	0.11	0	0	0	0	0	0	1.28	1.28
INVERTER	MV25	521036.94	4883166.75	2	0	0	73.6	73.6	1	876.02	3.25	125	69.85	0	4.18	0	0	0.36	0	0	0	0	0	0	-0.79	-0.79
INVERTER	MV25	521036.94	4883166.75	2	0	0	82.6	82.6	1	876.02	3.25	250	69.85	0	3.57	0	0	0.91	0	0	0	0	0	0	8.26	8.26
INVERTER	MV25	521036.94	4883166.75	2	0	0	88.1	88.1	1	876.02	3.25	500	69.85	0	-0.04	0	0	1.69	0	0	0	0	0	0	16.6	16.6
INVERTER	MV25	521036.94	4883166.75	2	0	0	85.7	85.7	1	876.02	3.25	1000	69.85	0	-1.5	0	0	3.2	0	0	0	0	0	0	14.15	14.15
INVERTER	MV25	521036.94	4883166.75	2	0	0	90.6	90.6	1	876.02	3.25	2000	69.85	0	-1.6	0	0	8.47	0	0	0	0	0	0	13.88	13.88
INVERTER	MV25	521036.94	4883166.75	2	0	0	99	99	1	876.02	3.25	4000	69.85	0	-1.6	0	0	28.71	0	0	0	0	0	0	2.04	2.04
INVERTER	MV25	521036.94	4883166.75	2	0	0	86.3	86.3	1	876.02	3.25	8000	69.85	0	-1.6	0	0	102.39	0	0	0	0	0	0	-84.34	-84.34
INVERTER	MV39	520562.49	4884730.78	2	0	0	59.8	59.8	1	938.01	3.25	32	70.44	0	-5.38	0	0	0.03	0	0	0	0	0	0	-5.3	-5.3
INVERTER	MV39	520562.49	4884730.78	2	0	0	65.9	65.9	1	938.01	3.25	63	70.44	0	-5.38	0	0	0.11	0	0	0	0	0	0	0.72	0.72
INVERTER	MV39	520562.49	4884730.78	2	0	0	73.6	73.6	1	938.01	3.25	125	70.44	0	4.27	0	0	0.39	0	0	0	0	0	0	-1.5	-1.5
INVERTER	MV39	520562.49	4884730.78	2	0	0	82.6	82.6	1	938.01	3.25	250	70.44	0	3.56	0	0	0.98	0	0	0	0	0	0	7.62	7.62
INVERTER	MV39	520562.49	4884730.78	2	0	0	88.1	88.1	1	938.01	3.25	500	70.44	0	-0.06	0	0	1.81	0	0	0	0	0	0	15.9	15.9
INVERTER	MV39	520562.49	4884730.78	2	0	0	85.7	85.7	1	938.01	3.25	1000	70.44	0	-1.52	0	0	3.43	0	0	0	0	0	0	13.34	13.34
INVERTER	MV39	520562.49	4884730.78	2	0	0	90.6	90.6	1	938.01	3.25	2000	70.44	0	-1.61	0	0	9.06	0	0	0	0	0	0	12.7	12.7
INVERTER	MV39	520562.49	4884730.78	2	0	0	99	99	1	938.01	3.25	4000	70.44	0	-1.61	0	0	30.74	0	0	0	0	0	0	-0.57	-0.57
INVERTER	MV39	520562.49	4884730.78	2	0	0	86.3	86.3	1	938.01	3.25	8000	70.44	0	-1.61	0	0	109.64	0	0	0	0	0	0	-92.17	-92.17
INVERTER	MV38	520380.93	4884646.78	2	0	0	59.8	59.8	1	1014.18	3.25	32	71.12	0	-5.42	0	0	0.03	0	0	0	0	0	0	-5.93	-5.93
INVERTER	MV38	520380.93	4884646.78	2	0	0	65.9	65.9	1	1014.18	3.25	63	71.12	0	-5.42	0	0	0.12	0	0	0	0	0	0	0.08	0.08
INVERTER	MV38	520380.93	4884646.78	2	0	0	73.6	73.6	1	1014.18	3.25	125	71.12	0	4.36	0	0	0.42	0	0	0	0	0	0	-2.3	-2.3
INVERTER	MV38	520380.93	4884646.78	2	0	0	82.6	82.6	1	1014.18	3.25	250	71.12	0	3.55	0	0	1.06	0	0	0	0	0	0	6.87	6.87
INVERTER	MV38	520380.93	4884646.78	2	0	0	88.1	88.1	1	1014.18	3.25	500	71.12	0	-0.07	0	0	1.96	0	0	0	0	0	0	15.09	15.09
INVERTER	MV38	520380.93	4884646.78	2	0	0	85.7	85.7	1	1014.18	3.25	1000	71.12	0	-1.53	0	0	3.71	0	0	0	0	0	0	12.4	12.4
INVERTER	MV38	520380.93	4884646.78	2	0	0	90.6	90.6	1	1014.18	3.25	2000	71.12	0	-1.63	0	0	9.8	0	0	0	0	0	0	11.3	11.3
INVERTER	MV38	520380.93	4884646.78	2	0	0	99	99	1	1014.18	3.25	4000	71.12	0	-1.63	0	0	33.23	0	0	0	0	0	0	-3.73	-3.73
INVERTER	MV38	520380.93	4884646.78	2	0	0	86.3	86.3	1	1014.18	3.25	8000	71.12	0	-1.63	0	0	118.54	0	0	0	0	0	0	-101.73	-101.73
INVERTER	MV37	520345.66	4884850.78	2	0	0	59.8	59.8	1	1174.67	3.25	32	72.4	0	-5.5	0	0	0.04	0	0	0	0	0	0	-7.13	-7.13
INVERTER	MV37	520345.66	4884850.78	2	0	0	65.9	65.9	1	1174.67	3.25	63	72.4	0	-5.5	0	0	0.14	0	0	0	0	0	0	-1.14	-1.14
INVERTER	MV37	520345.66	4884850.78	2	0	0	73.6	73.6	1	1174.67	3.25	125	72.4	0	4.46	0	0	0.48	0	0	0	0	0	0	-3.74	-3.74
INVERTER	MV37	520345.66	4884850.78	2	0	0	82.6	82.6	1	1174.67	3.25	250	72.4	0	3.52	0	0	1.23	0	0	0	0	0	0	5.45	5.45
INVERTER	MV37	520345.66	4884850.78	2	0	0	88.1	88.1	1	1174.67	3.25	500	72.4	0	-0.09	0	0	2.26	0	0	0	0	0	0	13.53	13.53
INVERTER	MV37	520345.66	4884850.78	2	0	0	85.7	85.7	1	1174.67	3.25	1000	72.4	0	-1.55	0	0	4.3	0	0	0	0	0	0	10.56	10.56
INVERTER	MV37	520345.66	4884850.78	2	0	0	90.6	90.6	1	1174.67	3.25	2000	72.4	0	-1.65	0	0	11.35	0	0	0	0	0	0	8.5	8.5
INVERTER	MV37	520345.66	4884850.78	2	0	0	99	99	1	1174.67	3.25	4000	72.4	0	-1.65	0	0	38.49	0	0	0	0	0	0	-10.24	-10.24

INVERTER	MV37	520345.66	4884850.78	2	0	0	86.3	86.3	1	1174.67	3.25	8000	72.4	0	-1.65	0	0	137.3	0	0	0	0	0	0	-121.75	-121.75
INVERTER	MV46	519569.31	4883250.26	2	0	0	56.8	56.8	1	1794.91	3.25	32	76.08	0	-5.67	0	0	0.06	0	0	0	0	0	0	-13.66	-13.66
INVERTER	MV46	519569.31	4883250.26	2	0	0	62.9	62.9	1	1794.91	3.25	63	76.08	0	-5.67	0	0	0.22	0	0	0	0	0	0	-7.73	-7.73
INVERTER	MV46	519569.31	4883250.26	2	0	0	70.6	70.6	1	1794.91	3.25	125	76.08	0	4.48	0	0	0.74	0	0	0	0	0	0	-10.7	-10.7
INVERTER	MV46	519569.31	4883250.26	2	0	0	79.6	79.6	1	1794.91	3.25	250	76.08	0	3.47	0	0	1.87	0	0	0	0	0	0	-1.82	-1.82
INVERTER	MV46	519569.31	4883250.26	2	0	0	85.1	85.1	1	1794.91	3.25	500	76.08	0	-0.14	0	0	3.46	0	0	0	0	0	0	5.7	5.7
INVERTER	MV46	519569.31	4883250.26	2	0	0	82.7	82.7	1	1794.91	3.25	1000	76.08	0	-1.61	0	0	6.57	0	0	0	0	0	0	1.66	1.66
INVERTER	MV46	519569.31	4883250.26	2	0	0	87.6	87.6	1	1794.91	3.25	2000	76.08	0	-1.7	0	0	17.35	0	0	0	0	0	0	-4.12	-4.12
INVERTER	MV46	519569.31	4883250.26	2	0	0	96	96	1	1794.91	3.25	4000	76.08	0	-1.7	0	0	58.82	0	0	0	0	0	0	-37.2	-37.2
INVERTER	MV46	519569.31	4883250.26	2	0	0	83.3	83.3	1	1794.91	3.25	8000	76.08	0	-1.7	0	0	209.79	0	0	0	0	0	0	-200.87	-200.87
DSTATCOM UNIT	DSTAT	519479.25	4883282.56	2.5	0	0	66.8	66.8	1	1863.24	3.5	63	76.41	0	-5.66	0	0	0.23	0	0	0	0	0	0	-4.17	-4.17
DSTATCOM UNIT	DSTAT	519479.25	4883282.56	2.5	0	0	94.9	94.9	1	1863.24	3.5	125	76.41	0	4.25	0	0	0.77	0	0	0	0	0	0	13.48	13.48
DSTATCOM UNIT	DSTAT	519479.25	4883282.56	2.5	0	0	86.4	86.4	1	1863.24	3.5	250	76.41	0	2.7	0	0	1.94	0	0	0	0	0	0	5.35	5.35
DSTATCOM UNIT	DSTAT	519479.25	4883282.56	2.5	0	0	87.8	87.8	1	1863.24	3.5	500	76.41	0	-1.14	0	0	3.59	0	0	0	0	0	0	8.95	8.95
DSTATCOM UNIT	DSTAT	519479.25	4883282.56	2.5	0	0	80	80	1	1863.24	3.5	1000	76.41	0	-1.69	0	0	6.82	0	0	0	0	0	0	-1.53	-1.53
DSTATCOM UNIT	DSTAT	519479.25	4883282.56	2.5	0	0	75.2	75.2	1	1863.24	3.5	2000	76.41	0	-1.7	0	0	18.01	0	0	0	0	0	0	-17.51	-17.51
DSTATCOM UNIT	DSTAT	519479.25	4883282.56	2.5	0	0	85	85	1	1863.24	3.5	4000	76.41	0	-1.7	0	0	61.06	0	0	0	0	0	0	-50.77	-50.77
DSTATCOM UNIT	DSTAT	519479.25	4883282.56	2.5	0	0	72.9	72.9	1	1863.24	3.5	8000	76.41	0	-1.7	0	0	217.78	0	0	0	0	0	0	-219.59	-219.59
INVERTER	MV40	520573.85	4884258.92	2	0	0	66.6	66.6	1	653.56	3.25	125	67.31	0	3.61	0	0	0.27	0	0	0	0	0	0	-4.59	-4.59
INVERTER	MV40	520573.85	4884258.92	2	0	0	75.6	75.6	1	653.56	3.25	250	67.31	0	3.64	0	0	0.68	0	0	0	0	0	0	3.97	3.97
INVERTER	MV40	520573.85	4884258.92	2	0	0	79.1	79.1	1	653.56	3.25	500	67.31	0	0.03	0	0	1.26	0	0	0	0	0	0	10.51	10.51
INVERTER	MV40	520573.85	4884258.92	2	0	0	72.7	72.7	1	653.56	3.25	1000	67.31	0	-1.44	0	0	2.39	0	0	0	0	0	0	4.44	4.44
INVERTER	MV40	520573.85	4884258.92	2	0	0	70.6	70.6	1	653.56	3.25	2000	67.31	0	-1.53	0	0	6.32	0	0	0	0	0	0	-1.49	-1.49
INVERTER	MV40	520573.85	4884258.92	2	0	0	84	84	1	653.56	3.25	4000	67.31	0	-1.53	0	0	21.42	0	0	0	0	0	0	-3.19	-3.19
INVERTER	MV47	519833.32	4883254.23	2	0	0	69.6	69.6	1	1559.35	3.25	125	74.86	0	4.49	0	0	0.64	0	0	0	0	0	0	-10.39	-10.39
INVERTER	MV47	519833.32	4883254.23	2	0	0	78.6	78.6	1	1559.35	3.25	250	74.86	0	3.49	0	0	1.63	0	0	0	0	0	0	-1.37	-1.37
INVERTER	MV47	519833.32	4883254.23	2	0	0	82.1	82.1	1	1559.35	3.25	500	74.86	0	-0.13	0	0	3.01	0	0	0	0	0	0	4.37	4.37
INVERTER	MV47	519833.32	4883254.23	2	0	0	75.7	75.7	1	1559.35	3.25	1000	74.86	0	-1.59	0	0	5.7	0	0	0	0	0	0	-3.27	-3.27
INVERTER	MV47	519833.32	4883254.23	2	0	0	73.6	73.6	1	1559.35	3.25	2000	74.86	0	-1.69	0	0	15.07	0	0	0	0	0	0	-14.64	-14.64
INVERTER	MV47	519833.32	4883254.23	2	0	0	87	87	1	1559.35	3.25	4000	74.86	0	-1.69	0	0	51.1	0	0	0	0	0	0	-37.27	-37.27
SUBSTATION TRANSFORMER	TRS	519493.37	4883252.44	3.5	0	0	45.1	45.1	1	1862.69	4	32	76.4	0	-5.61	0	0	0.06	0	0	0	0	0	0	-25.75	-25.75
SUBSTATION TRANSFORMER	TRS	519493.37	4883252.44	3.5	0	0	64.3	64.3	1	1862.69	4	63	76.4	0	-5.61	0	0	0.23	0	0	0	0	0	0	-6.72	-6.72
SUBSTATION TRANSFORMER	TRS	519493.37	4883252.44	3.5	0	0	76.4	76.4	1	1862.69	4	125	76.4	0	3.93	0	0	0.77	0	0	0	0	0	0	-4.69	-4.69
SUBSTATION TRANSFORMER	TRS	519493.37	4883252.44	3.5	0	0	78.9	78.9	1	1862.69	4	250	76.4	0	1.29	0	0	1.94	0	0	0	0	0	0	-0.73	-0.73
SUBSTATION TRANSFORMER	TRS	519493.37	4883252.44	3.5	0	0	84.3	84.3	1	1862.69	4	500	76.4	0	-1.65	0	0	3.59	0	0	0	0	0	0	5.95	5.95
SUBSTATION TRANSFORMER	TRS	519493.37	4883252.44	3.5	0	0	81.5	81.5	1	1862.69	4	1000	76.4	0	-1.68	0	0	6.81	0	0	0	0	0	0	-0.03	-0.03
SUBSTATION TRANSFORMER	TRS	519493.37	4883252.44	3.5	0	0	77.7	77.7	1	1862.69	4	2000	76.4	0	-1.68	0	0	18	0	0	0	0	0	0	-15.02	-15.02
SUBSTATION TRANSFORMER	TRS	519493.37	4883252.44	3.5	0	0	72.5	72.5	1	1862.69	4	4000	76.4	0	-1.68	0	0	61.04	0	0	0	0	0	0	-63.26	-63.26
SUBSTATION TRANSFORMER	TRS	519493.37	4883252.44	3.5	0	0	63.4	63.4	1	1862.69	4	8000	76.4	0	-1.68	0	0	217.71	0	0	0	0	0	0	-229.03	-229.03
INV TRANSFORMER	MV26T	521131.06	4883732.56	2	0	0	26.8	26.8	1	302.48	3.25	32	60.61	0	-4.07	0	0	0.01	0	0	0	0	0	0	-29.76	-29.76
INV TRANSFORMER	MV26T	521131.06	4883732.56	2	0	0	46	46	1	302.48	3.25	63	60.61	0	-4.07	0	0	0.04	0	0	0	0	0	0	-10.58	-10.58
INV TRANSFORMER	MV26T	521131.06	4883732.56	2	0	0	58.1	58.1	1	302.48	3.25	125	60.61	0	2.3	0	0	0.12	0	0	0	0	0	0	-4.94	-4.94
INV TRANSFORMER	MV26T	521131.06	4883732.56	2	0	0	60.6	60.6	1	302.48	3.25	250	60.61	0	3.94	0	0	0.32	0	0	0	0	0	0	-4.27	-4.27
INV TRANSFORMER	MV26T	521131.06	4883732.56	2	0	0	66	66	1	302.48	3.25	500	60.61	0	0.33	0	0	0.58	0	0	0	0	0	0	4.47	4.47
INV TRANSFORMER	MV26T	521131.06	4883732.56	2	0	0	63.2	63.2	1	302.48	3.25	1000	60.61	0	-1.12	0	0	1.11	0	0	0	0	0	0	2.6	2.6
INV TRANSFORMER	MV26T	521131.06	4883732.56	2	0	0	59.4	59.4	1	302.48	3.25	2000	60.61	0	-1.22	0	0	2.92	0	0	0	0	0	0	-2.92	-2.92
INV TRANSFORMER	MV26T	521131.06	4883732.56	2	0	0	54.2	54.2	1	302.48	3.25	4000	60.61	0	-1.22	0	0	9.91	0	0	0	0	0	0	-15.11	-15.11
INV TRANSFORMER	MV26T	521131.06	4883732.56	2	0	0	45.1	45.1	1	302.48	3.25	8000	60.61	0	-1.22	0	0	35.35	0	0	0	0	0	0	-49.65	-49.65
INV TRANSFORMER	MV30T	521350.76	4883672.56	2	0	0	26.8	26.8	1	393.6	3.25	32	62.9	0	-4.51	0	0	0.01	0	0	0	0	0	0	-31.6	-31.6
INV TRANSFORMER	MV30T	521350.76	4883672.56	2	0	0	46	46	1	393.6	3.25	63	62.9	0	-4.51	0	0	0.05	0	0	0	0	0	0	-12.44	-12.44
INV TRANSFORMER	MV30T	521350.76	4883672.56	2	0	0	58.1	58.1	1	393.6	3.25	125	62.9	0	2.6	0	0	0.16	0	0	0	0	0	0	-7.57	-7.57
INV TRANSFORMER	MV30T	521350.76	4883672.56	2	0	0	60.6	60.6	1	393.6	3.25	250	62.9	0	3.82	0	0	0.41	0	0	0	0	0	0	-6.53	-6.53
INV TRANSFORMER	MV30T	521350.76	4883672.56	2	0	0	66	66	1	393.6	3.25	500	62.9	0	0.2	0	0	0.76	0	0	0	0	0	0	2.14	2.14
INV TRANSFORMER	MV30T	521350.76	4883672.56	2	0	0	63.2	63.2	1	393.6	3.25	1000	62.9	0	-1.26	0	0	1.44	0	0	0	0	0	0	0.12	0.12
INV TRANSFORMER	MV30T	521350.76	4883672.56	2	0	0	59.4	59.4	1	393.6	3.25	2000	62.9	0	-1.35	0	0	3.8	0	0	0	0	0	0	-5.95	-5.95
INV TRANSFORMER	MV30T	521350.76	4883672.56	2	0	0	54.2	54.2	1	393.6	3.25	4000	62.9	0	-1.35	0	0	12.9	0	0	0	0	0	0	-20.25	-20.25
INV TRANSFORMER	MV30T	521350.76	4883672.56	2	0	0	45.1	45.1	1	393.6	3.25	8000	62.9	0	-1.35	0	0	46	0	0	0	0	0	0	-62.45	-62.45
INV TRANSFORMER	MV22T	520936.13	4883752.78	2	0	0	25.9	25.9	1	373.22	3.25	32	62.44	0	-4.43	0	0	0.01	0	0	0	0	0	0	-32.12	-32.12
INV TRANSFORMER	MV22T	520936.13	4883752.78	2	0	0	45.1	45.1	1	373.22	3.25	63	62.44	0	-4.43	0	0	0.05	0	0	0	0	0	0	-12.95	-12.95
INV TRANSFORMER	MV22T	520936.13	4883752.78	2	0	0	57.2	57.2	1	373.22	3.25	125	62.44	0	2.53	0	0	0.15	0	0	0	0	0	0	-7.92	-7.92
INV TRANSFORMER	MV22T	520936.13	4883752.78	2	0	0	59.7	59.7	1	373.22	3.25	250	62.44	0	3.84	0	0	0.39	0	0	0	0	0	0	-6.97	-6.97
INV TRANSFORMER	MV22T	520936.13	4883752.78	2	0	0	65.1	65.1	1	373.22	3.25	500	62.44	0	0.23	0	0	0.72	0	0	0	0	0	0	1.71	1.71
INV TRANSFORMER	MV22T	520936.13	4883752.78	2	0	0	62.3	62.3	1	373.22	3.25	1000	62.44	0	-1.23	0	0	1.37	0	0	0	0	0	0	-0.27	-0.27
INV TRANSFORMER	MV22T	520936.13	4883752.78	2	0	0	58.5	58.5	1	373.22	3.25	2000	62.44	0	-1.33	0	0	3.61	0	0	0	0	0	0	-6.22	-6.22
INV TRANSFORMER	MV22T	520936.13	4883752.78	2	0	0	53.3	53.3	1	373.22	3.25	4000	62.44	0	-1.33	0	0	12.23	0	0	0	0	0	0	-20.04	-20.04
INV TRANSFORMER	MV22T	520936.13	4883752.78	2	0	0	44.2	44.2	1	373.22	3.25	8000	62.44	0	-1.33	0	0	43.62	0	0	0	0	0	0	-60.53	-60.53
LINE REACTOR	LR	519485	4883285	6.8	0	0	39.2	39.2	1	1857	5.65	32	76.38	0	-5.45	0	0	0.06	0	0	0	0	0	0	-31.78	-31.78
LINE REACTOR	LR	519485	4883285	6.8	0	0	58.4	58.4	1	1857	5.65	63	76.38	0	-5.45	0	0	0.23	0	0	0	0	0	0	-12.75	-12.75
LINE REACTOR	LR	519485	4883285	6.8	0	0	70.5	70.5	1	1857	5.65	125	76.38	0	2.53	0	0	0.76	0	0	0	0	0	0	-9.17	-9.17
LINE REACTOR	LR	519485	4883285	6.8	0	0	73	73	1	1857	5.65	250	76.38	0	-0.57	0	0	1.94	0	0	0	0	0	0	-4.74	-4.74
LINE REACTOR	LR	519485	4883285	6.8	0	0	78.4	78.4	1	1857	5.65	500	76.38	0	-1.63	0	0	3.58	0	0	0	0	0	0	0.08	0.08
LINE REACTOR	LR	519485	4883285	6.8	0	0	75.6	75.6	1	1857	5.65	1000	76.38	0	-1.64	0	0	6.79	0	0	0	0	0	0	-5.93	-5.93

LINE REACTOR	LR	519485	4883285	6.8	0	0	71.8	71.8	1	1857	5.65	2000	76.38	0	-1.64	0	0	17.95	0	0	0	0	0	0	-20.89	-20.89
LINE REACTOR	LR	519485	4883285	6.8	0	0	66.6	66.6	1	1857	5.65	4000	76.38	0	-1.64	0	0	60.85	0	0	0	0	0	0	-68.99	-68.99
LINE REACTOR	LR	519485	4883285	6.8	0	0	57.5	57.5	1	1857	5.65	8000	76.38	0	-1.64	0	0	217.05	0	0	0	0	0	0	-234.29	-234.29
INV TRANSFORMER	MV32T	521520.73	4883692.56	2	0	0	26.8	26.8	1	475.31	3.25	32	64.54	0	-4.77	0	0	0.02	0	0	0	0	0	0	-32.99	-32.99
INV TRANSFORMER	MV32T	521520.73	4883692.56	2	0	0	46	46	1	475.31	3.25	63	64.54	0	-4.77	0	0	0.06	0	0	0	0	0	0	-13.83	-13.83
INV TRANSFORMER	MV32T	521520.73	4883692.56	2	0	0	58.1	58.1	1	475.31	3.25	125	64.54	0	2.93	0	0	0.2	0	0	0	0	0	0	-9.56	-9.56
INV TRANSFORMER	MV32T	521520.73	4883692.56	2	0	0	60.6	60.6	1	475.31	3.25	250	64.54	0	3.74	0	0	0.5	0	0	0	0	0	0	-8.18	-8.18
INV TRANSFORMER	MV32T	521520.73	4883692.56	2	0	0	66	66	1	475.31	3.25	500	64.54	0	0.13	0	0	0.92	0	0	0	0	0	0	0.42	0.42
INV TRANSFORMER	MV32T	521520.73	4883692.56	2	0	0	63.2	63.2	1	475.31	3.25	1000	64.54	0	-1.34	0	0	1.74	0	0	0	0	0	0	-1.74	-1.74
INV TRANSFORMER	MV32T	521520.73	4883692.56	2	0	0	59.4	59.4	1	475.31	3.25	2000	64.54	0	-1.43	0	0	4.59	0	0	0	0	0	0	-8.3	-8.3
INV TRANSFORMER	MV32T	521520.73	4883692.56	2	0	0	54.2	54.2	1	475.31	3.25	4000	64.54	0	-1.43	0	0	15.58	0	0	0	0	0	0	-24.48	-24.48
INV TRANSFORMER	MV32T	521520.73	4883692.56	2	0	0	45.1	45.1	1	475.31	3.25	8000	64.54	0	-1.43	0	0	55.56	0	0	0	0	0	0	-73.56	-73.56
INV TRANSFORMER	MV27T	521153.54	4883602.56	2	0	0	25.9	25.9	1	428.68	3.25	32	63.64	0	-4.64	0	0	0.01	0	0	0	0	0	0	-33.12	-33.12
INV TRANSFORMER	MV27T	521153.54	4883602.56	2	0	0	45.1	45.1	1	428.68	3.25	63	63.64	0	-4.64	0	0	0.05	0	0	0	0	0	0	-13.96	-13.96
INV TRANSFORMER	MV27T	521153.54	4883602.56	2	0	0	57.2	57.2	1	428.68	3.25	125	63.64	0	2.74	0	0	0.18	0	0	0	0	0	0	-9.36	-9.36
INV TRANSFORMER	MV27T	521153.54	4883602.56	2	0	0	59.7	59.7	1	428.68	3.25	250	63.64	0	3.78	0	0	0.45	0	0	0	0	0	0	-8.17	-8.17
INV TRANSFORMER	MV27T	521153.54	4883602.56	2	0	0	65.1	65.1	1	428.68	3.25	500	63.64	0	0.17	0	0	0.83	0	0	0	0	0	0	0.46	0.46
INV TRANSFORMER	MV27T	521153.54	4883602.56	2	0	0	62.3	62.3	1	428.68	3.25	1000	63.64	0	-1.29	0	0	1.57	0	0	0	0	0	0	-1.62	-1.62
INV TRANSFORMER	MV27T	521153.54	4883602.56	2	0	0	58.5	58.5	1	428.68	3.25	2000	63.64	0	-1.39	0	0	4.14	0	0	0	0	0	0	-7.89	-7.89
INV TRANSFORMER	MV27T	521153.54	4883602.56	2	0	0	53.3	53.3	1	428.68	3.25	4000	63.64	0	-1.39	0	0	14.05	0	0	0	0	0	0	-23	-23
INV TRANSFORMER	MV27T	521153.54	4883602.56	2	0	0	44.2	44.2	1	428.68	3.25	8000	63.64	0	-1.39	0	0	50.1	0	0	0	0	0	0	-68.16	-68.16
INV TRANSFORMER	MV42T	521027.26	4884431.37	2	0	0	25.9	25.9	1	431.62	3.25	32	63.7	0	-4.64	0	0	0.01	0	0	0	0	0	0	-33.17	-33.17
INV TRANSFORMER	MV42T	521027.26	4884431.37	2	0	0	45.1	45.1	1	431.62	3.25	63	63.7	0	-4.64	0	0	0.05	0	0	0	0	0	0	-14.01	-14.01
INV TRANSFORMER	MV42T	521027.26	4884431.37	2	0	0	57.2	57.2	1	431.62	3.25	125	63.7	0	2.75	0	0	0.18	0	0	0	0	0	0	-9.43	-9.43
INV TRANSFORMER	MV42T	521027.26	4884431.37	2	0	0	59.7	59.7	1	431.62	3.25	250	63.7	0	3.78	0	0	0.45	0	0	0	0	0	0	-8.23	-8.23
INV TRANSFORMER	MV42T	521027.26	4884431.37	2	0	0	65.1	65.1	1	431.62	3.25	500	63.7	0	0.16	0	0	0.83	0	0	0	0	0	0	0.4	0.4
INV TRANSFORMER	MV42T	521027.26	4884431.37	2	0	0	62.3	62.3	1	431.62	3.25	1000	63.7	0	-1.3	0	0	1.58	0	0	0	0	0	0	-1.68	-1.68
INV TRANSFORMER	MV42T	521027.26	4884431.37	2	0	0	58.5	58.5	1	431.62	3.25	2000	63.7	0	-1.39	0	0	4.17	0	0	0	0	0	0	-7.98	-7.98
INV TRANSFORMER	MV42T	521027.26	4884431.37	2	0	0	53.3	53.3	1	431.62	3.25	4000	63.7	0	-1.39	0	0	14.14	0	0	0	0	0	0	-23.15	-23.15
INV TRANSFORMER	MV42T	521027.26	4884431.37	2	0	0	44.2	44.2	1	431.62	3.25	8000	63.7	0	-1.39	0	0	50.45	0	0	0	0	0	0	-68.56	-68.56
INV TRANSFORMER	MV23T	520969.02	4883562.56	2	0	0	25.9	25.9	1	515.35	3.25	32	65.24	0	-4.86	0	0	0.02	0	0	0	0	0	0	-34.49	-34.49
INV TRANSFORMER	MV23T	520969.02	4883562.56	2	0	0	45.1	45.1	1	515.35	3.25	63	65.24	0	-4.86	0	0	0.06	0	0	0	0	0	0	-15.34	-15.34
INV TRANSFORMER	MV23T	520969.02	4883562.56	2	0	0	57.2	57.2	1	515.35	3.25	125	65.24	0	3.09	0	0	0.21	0	0	0	0	0	0	-11.34	-11.34
INV TRANSFORMER	MV23T	520969.02	4883562.56	2	0	0	59.7	59.7	1	515.35	3.25	250	65.24	0	3.71	0	0	0.54	0	0	0	0	0	0	-9.79	-9.79
INV TRANSFORMER	MV23T	520969.02	4883562.56	2	0	0	65.1	65.1	1	515.35	3.25	500	65.24	0	0.1	0	0	0.99	0	0	0	0	0	0	-1.23	-1.23
INV TRANSFORMER	MV23T	520969.02	4883562.56	2	0	0	62.3	62.3	1	515.35	3.25	1000	65.24	0	-1.36	0	0	1.89	0	0	0	0	0	0	-3.46	-3.46
INV TRANSFORMER	MV23T	520969.02	4883562.56	2	0	0	58.5	58.5	1	515.35	3.25	2000	65.24	0	-1.46	0	0	4.98	0	0	0	0	0	0	-10.26	-10.26
INV TRANSFORMER	MV23T	520969.02	4883562.56	2	0	0	53.3	53.3	1	515.35	3.25	4000	65.24	0	-1.46	0	0	16.89	0	0	0	0	0	0	-27.37	-27.37
INV TRANSFORMER	MV23T	520969.02	4883562.56	2	0	0	44.2	44.2	1	515.35	3.25	8000	65.24	0	-1.46	0	0	60.24	0	0	0	0	0	0	-79.82	-79.82
INV TRANSFORMER	MV31T	521374.97	4883532.56	2	0	0	25.9	25.9	1	532.13	3.25	32	65.52	0	-4.9	0	0	0.02	0	0	0	0	0	0	-34.74	-34.74
INV TRANSFORMER	MV31T	521374.97	4883532.56	2	0	0	45.1	45.1	1	532.13	3.25	63	65.52	0	-4.9	0	0	0.06	0	0	0	0	0	0	-15.58	-15.58
INV TRANSFORMER	MV31T	521374.97	4883532.56	2	0	0	57.2	57.2	1	532.13	3.25	125	65.52	0	3.16	0	0	0.22	0	0	0	0	0	0	-11.7	-11.7
INV TRANSFORMER	MV31T	521374.97	4883532.56	2	0	0	59.7	59.7	1	532.13	3.25	250	65.52	0	3.7	0	0	0.56	0	0	0	0	0	0	-10.08	-10.08
INV TRANSFORMER	MV31T	521374.97	4883532.56	2	0	0	65.1	65.1	1	532.13	3.25	500	65.52	0	0.09	0	0	1.03	0	0	0	0	0	0	-1.53	-1.53
INV TRANSFORMER	MV31T	521374.97	4883532.56	2	0	0	62.3	62.3	1	532.13	3.25	1000	65.52	0	-1.37	0	0	1.95	0	0	0	0	0	0	-3.79	-3.79
INV TRANSFORMER	MV31T	521374.97	4883532.56	2	0	0	58.5	58.5	1	532.13	3.25	2000	65.52	0	-1.47	0	0	5.14	0	0	0	0	0	0	-10.69	-10.69
INV TRANSFORMER	MV31T	521374.97	4883532.56	2	0	0	53.3	53.3	1	532.13	3.25	4000	65.52	0	-1.47	0	0	17.44	0	0	0	0	0	0	-28.19	-28.19
INV TRANSFORMER	MV31T	521374.97	4883532.56	2	0	0	44.2	44.2	1	532.13	3.25	8000	65.52	0	-1.47	0	0	62.2	0	0	0	0	0	0	-82.05	-82.05
INV TRANSFORMER	MV36T	521686.86	4883838.56	2	0	0	25.9	25.9	1	536.21	3.25	32	65.59	0	-4.91	0	0	0.02	0	0	0	0	0	0	-34.79	-34.79
INV TRANSFORMER	MV36T	521686.86	4883838.56	2	0	0	45.1	45.1	1	536.21	3.25	63	65.59	0	-4.91	0	0	0.07	0	0	0	0	0	0	-15.64	-15.64
INV TRANSFORMER	MV36T	521686.86	4883838.56	2	0	0	57.2	57.2	1	536.21	3.25	125	65.59	0	3.17	0	0	0.22	0	0	0	0	0	0	-11.78	-11.78
INV TRANSFORMER	MV36T	521686.86	4883838.56	2	0	0	59.7	59.7	1	536.21	3.25	250	65.59	0	3.7	0	0	0.56	0	0	0	0	0	0	-10.15	-10.15
INV TRANSFORMER	MV36T	521686.86	4883838.56	2	0	0	65.1	65.1	1	536.21	3.25	500	65.59	0	0.08	0	0	1.03	0	0	0	0	0	0	-1.61	-1.61
INV TRANSFORMER	MV36T	521686.86	4883838.56	2	0	0	62.3	62.3	1	536.21	3.25	1000	65.59	0	-1.38	0	0	1.96	0	0	0	0	0	0	-3.87	-3.87
INV TRANSFORMER	MV36T	521686.86	4883838.56	2	0	0	58.5	58.5	1	536.21	3.25	2000	65.59	0	-1.47	0	0	5.18	0	0	0	0	0	0	-10.8	-10.8
INV TRANSFORMER	MV36T	521686.86	4883838.56	2	0	0	53.3	53.3	1	536.21	3.25	4000	65.59	0	-1.47	0	0	17.57	0	0	0	0	0	0	-28.39	-28.39
INV TRANSFORMER	MV36T	521686.86	4883838.56	2	0	0	44.2	44.2	1	536.21	3.25	8000	65.59	0	-1.47	0	0	62.67	0	0	0	0	0	0	-82.59	-82.59
INV TRANSFORMER	MV20T	520751.23	4883714.56	2	0	0	25.9	25.9	1	537.15	3.25	32	65.6	0	-4.91	0	0	0.02	0	0	0	0	0	0	-34.81	-34.81
INV TRANSFORMER	MV20T	520751.23	4883714.56	2	0	0	45.1	45.1	1	537.15	3.25	63	65.6	0	-4.91	0	0	0.07	0	0	0	0	0	0	-15.66	-15.66
INV TRANSFORMER	MV20T	520751.23	4883714.56	2	0	0	57.2	57.2	1	537.15	3.25	125	65.6	0	3.18	0	0	0.22	0	0	0	0	0	0	-11.8	-11.8
INV TRANSFORMER	MV20T	520751.23	4883714.56	2	0	0	59.7	59.7	1	537.15	3.25	250	65.6	0	3.7	0	0	0.56	0	0	0	0	0	0	-10.16	-10.16
INV TRANSFORMER	MV20T	520751.23	4883714.56	2	0	0	65.1	65.1	1	537.15	3.25	500	65.6	0	0.08	0	0	1.04	0	0	0	0	0	0	-1.62	-1.62
INV TRANSFORMER	MV20T	520751.23	4883714.56	2	0	0	62.3	62.3	1	537.15	3.25	1000	65.6	0	-1.38	0	0	1.96	0	0	0	0	0	0	-3.89	-3.89
INV TRANSFORMER	MV20T	520751.23	4883714.56	2	0	0	58.5	58.5	1	537.15	3.25	2000	65.6	0	-1.47	0	0	5.19	0	0	0	0	0	0	-10.82	-10.82
INV TRANSFORMER	MV20T	520751.23	4883714.56	2	0	0	53.3	53.3	1	537.15	3.25	4000	65.6	0	-1.47	0	0	17.6	0	0	0	0	0	0	-28.43	-28.43
INV TRANSFORMER	MV20T	520751.23	4883714.56	2	0	0	44.2	44.2	1	537.15	3.25	8000	65.6	0	-1.47	0	0	62.78	0	0	0	0	0	0	-82.71	-82.71
INV TRANSFORMER	MV45T	521200.69	4884599.06	2	0	0	25.9	25.9	1	569.25	3.25	32	66.11	0	-4.97	0	0	0.02	0	0	0	0	0	0	-35.25	-35.25
INV TRANSFORMER	MV45T	521200.69	4884599.06	2	0	0	45.1	45.1	1	569.25	3.25	63	66.11	0	-4.97	0	0	0.07	0	0	0	0	0	0	-16.1	-16.1
INV TRANSFORMER	MV45T	521200.69	4884599.06	2	0	0	57.2	57.2	1	569.25	3.25	125	66.11	0	3.3	0	0	0.23	0	0	0	0	0	0	-12.44	-12.44
INV TRANSFORMER	MV45T	521200.69	4884599.06	2	0	0	59.7	59.7	1	569.25	3.25	250	66.11	0	3.68	0	0	0.59	0	0	0	0	0	0	-10.68	-10.68
INV TRANSFORMER	MV45T	521200.69	4884599.06	2	0	0	65.1	65.1	1	569.25	3.25	500	66.11	0	0.07	0	0	1.1	0	0	0	0	0	0	-2.17	-2.17
INV TRANSFORMER	MV45T	521200.69	4884599.06	2	0	0	62.3	62.3	1	569.25	3.25	1000	66.11	0	-1.4	0	0	2.08	0	0	0	0	0	0	-4.49	-4.49

INV TRANSFORMER	MV45T	521200.69	4884599.06	2	0	0	58.5	58.5	1	569.25	3.25	2000	66.11	0	-1.49	0	0	5.5	0	0	0	0	0	0	-11.62	-11.62
INV TRANSFORMER	MV45T	521200.69	4884599.06	2	0	0	53.3	53.3	1	569.25	3.25	4000	66.11	0	-1.49	0	0	18.65	0	0	0	0	0	0	-29.97	-29.97
INV TRANSFORMER	MV45T	521200.69	4884599.06	2	0	0	44.2	44.2	1	569.25	3.25	8000	66.11	0	-1.49	0	0	66.54	0	0	0	0	0	0	-86.95	-86.95
INV TRANSFORMER	MV33T	521543.21	4883562.56	2	0	0	25.9	25.9	1	588.31	3.25	32	66.39	0	-5.01	0	0	0.02	0	0	0	0	0	0	-35.51	-35.51
INV TRANSFORMER	MV33T	521543.21	4883562.56	2	0	0	45.1	45.1	1	588.31	3.25	63	66.39	0	-5.01	0	0	0.07	0	0	0	0	0	0	-16.36	-16.36
INV TRANSFORMER	MV33T	521543.21	4883562.56	2	0	0	57.2	57.2	1	588.31	3.25	125	66.39	0	3.38	0	0	0.24	0	0	0	0	0	0	-12.81	-12.81
INV TRANSFORMER	MV33T	521543.21	4883562.56	2	0	0	59.7	59.7	1	588.31	3.25	250	66.39	0	3.67	0	0	0.61	0	0	0	0	0	0	-10.98	-10.98
INV TRANSFORMER	MV33T	521543.21	4883562.56	2	0	0	65.1	65.1	1	588.31	3.25	500	66.39	0	0.06	0	0	1.13	0	0	0	0	0	0	-2.48	-2.48
INV TRANSFORMER	MV33T	521543.21	4883562.56	2	0	0	62.3	62.3	1	588.31	3.25	1000	66.39	0	-1.41	0	0	2.15	0	0	0	0	0	0	-4.84	-4.84
INV TRANSFORMER	MV33T	521543.21	4883562.56	2	0	0	58.5	58.5	1	588.31	3.25	2000	66.39	0	-1.5	0	0	5.69	0	0	0	0	0	0	-12.08	-12.08
INV TRANSFORMER	MV33T	521543.21	4883562.56	2	0	0	53.3	53.3	1	588.31	3.25	4000	66.39	0	-1.5	0	0	19.28	0	0	0	0	0	0	-30.87	-30.87
INV TRANSFORMER	MV33T	521543.21	4883562.56	2	0	0	44.2	44.2	1	588.31	3.25	8000	66.39	0	-1.5	0	0	68.76	0	0	0	0	0	0	-89.45	-89.45
INV TRANSFORMER	MV40T	520573.54	4884264.74	2	0	0	26.8	26.8	1	655.91	3.25	32	67.34	0	-5.11	0	0	0.02	0	0	0	0	0	0	-35.45	-35.45
INV TRANSFORMER	MV40T	520573.54	4884264.74	2	0	0	46	46	1	655.91	3.25	63	67.34	0	-5.11	0	0	0.08	0	0	0	0	0	0	-16.31	-16.31
INV TRANSFORMER	MV40T	520573.54	4884264.74	2	0	0	58.1	58.1	1	655.91	3.25	125	67.34	0	3.62	0	0	0.27	0	0	0	0	0	0	-13.13	-13.13
INV TRANSFORMER	MV40T	520573.54	4884264.74	2	0	0	60.6	60.6	1	655.91	3.25	250	67.34	0	3.64	0	0	0.68	0	0	0	0	0	0	-11.06	-11.06
INV TRANSFORMER	MV40T	520573.54	4884264.74	2	0	0	66	66	1	655.91	3.25	500	67.34	0	0.02	0	0	1.26	0	0	0	0	0	0	-2.63	-2.63
INV TRANSFORMER	MV40T	520573.54	4884264.74	2	0	0	63.2	63.2	1	655.91	3.25	1000	67.34	0	-1.44	0	0	2.4	0	0	0	0	0	0	-5.1	-5.1
INV TRANSFORMER	MV40T	520573.54	4884264.74	2	0	0	59.4	59.4	1	655.91	3.25	2000	67.34	0	-1.53	0	0	6.34	0	0	0	0	0	0	-12.74	-12.74
INV TRANSFORMER	MV40T	520573.54	4884264.74	2	0	0	54.2	54.2	1	655.91	3.25	4000	67.34	0	-1.53	0	0	21.49	0	0	0	0	0	0	-33.1	-33.1
INV TRANSFORMER	MV40T	520573.54	4884264.74	2	0	0	45.1	45.1	1	655.91	3.25	8000	67.34	0	-1.53	0	0	76.66	0	0	0	0	0	0	-97.37	-97.37
INV TRANSFORMER	MV28T	521189.85	4883392.56	2	0	0	25.9	25.9	1	637.46	3.25	32	67.09	0	-5.08	0	0	0.02	0	0	0	0	0	0	-36.13	-36.13
INV TRANSFORMER	MV28T	521189.85	4883392.56	2	0	0	45.1	45.1	1	637.46	3.25	63	67.09	0	-5.08	0	0	0.08	0	0	0	0	0	0	-16.98	-16.98
INV TRANSFORMER	MV28T	521189.85	4883392.56	2	0	0	57.2	57.2	1	637.46	3.25	125	67.09	0	3.56	0	0	0.26	0	0	0	0	0	0	-13.71	-13.71
INV TRANSFORMER	MV28T	521189.85	4883392.56	2	0	0	59.7	59.7	1	637.46	3.25	250	67.09	0	3.65	0	0	0.67	0	0	0	0	0	0	-11.7	-11.7
INV TRANSFORMER	MV28T	521189.85	4883392.56	2	0	0	65.1	65.1	1	637.46	3.25	500	67.09	0	0.03	0	0	1.23	0	0	0	0	0	0	-3.25	-3.25
INV TRANSFORMER	MV28T	521189.85	4883392.56	2	0	0	62.3	62.3	1	637.46	3.25	1000	67.09	0	-1.43	0	0	2.33	0	0	0	0	0	0	-5.69	-5.69
INV TRANSFORMER	MV28T	521189.85	4883392.56	2	0	0	58.5	58.5	1	637.46	3.25	2000	67.09	0	-1.52	0	0	6.16	0	0	0	0	0	0	-13.22	-13.22
INV TRANSFORMER	MV28T	521189.85	4883392.56	2	0	0	53.3	53.3	1	637.46	3.25	4000	67.09	0	-1.52	0	0	20.89	0	0	0	0	0	0	-33.15	-33.15
INV TRANSFORMER	MV28T	521189.85	4883392.56	2	0	0	44.2	44.2	1	637.46	3.25	8000	67.09	0	-1.52	0	0	74.51	0	0	0	0	0	0	-95.87	-95.87
INV TRANSFORMER	MV21T	520786.16	4883512.56	2	0	0	25.9	25.9	1	653.93	3.25	32	67.31	0	-5.11	0	0	0.02	0	0	0	0	0	0	-36.33	-36.33
INV TRANSFORMER	MV21T	520786.16	4883512.56	2	0	0	45.1	45.1	1	653.93	3.25	63	67.31	0	-5.11	0	0	0.08	0	0	0	0	0	0	-17.18	-17.18
INV TRANSFORMER	MV21T	520786.16	4883512.56	2	0	0	57.2	57.2	1	653.93	3.25	125	67.31	0	3.61	0	0	0.27	0	0	0	0	0	0	-13.99	-13.99
INV TRANSFORMER	MV21T	520786.16	4883512.56	2	0	0	59.7	59.7	1	653.93	3.25	250	67.31	0	3.64	0	0	0.68	0	0	0	0	0	0	-11.93	-11.93
INV TRANSFORMER	MV21T	520786.16	4883512.56	2	0	0	65.1	65.1	1	653.93	3.25	500	67.31	0	0.03	0	0	1.26	0	0	0	0	0	0	-3.5	-3.5
INV TRANSFORMER	MV21T	520786.16	4883512.56	2	0	0	62.3	62.3	1	653.93	3.25	1000	67.31	0	-1.44	0	0	2.39	0	0	0	0	0	0	-5.97	-5.97
INV TRANSFORMER	MV21T	520786.16	4883512.56	2	0	0	58.5	58.5	1	653.93	3.25	2000	67.31	0	-1.53	0	0	6.32	0	0	0	0	0	0	-13.6	-13.6
INV TRANSFORMER	MV21T	520786.16	4883512.56	2	0	0	53.3	53.3	1	653.93	3.25	4000	67.31	0	-1.53	0	0	21.43	0	0	0	0	0	0	-33.91	-33.91
INV TRANSFORMER	MV21T	520786.16	4883512.56	2	0	0	44.2	44.2	1	653.93	3.25	8000	67.31	0	-1.53	0	0	76.43	0	0	0	0	0	0	-98.01	-98.01
INV TRANSFORMER	MV41T	520981.91	4884662.11	2	0	0	25.9	25.9	1	664.24	3.25	32	67.45	0	-5.12	0	0	0.02	0	0	0	0	0	0	-36.45	-36.45
INV TRANSFORMER	MV41T	520981.91	4884662.11	2	0	0	45.1	45.1	1	664.24	3.25	63	67.45	0	-5.12	0	0	0.08	0	0	0	0	0	0	-17.31	-17.31
INV TRANSFORMER	MV41T	520981.91	4884662.11	2	0	0	57.2	57.2	1	664.24	3.25	125	67.45	0	3.65	0	0	0.27	0	0	0	0	0	0	-14.17	-14.17
INV TRANSFORMER	MV41T	520981.91	4884662.11	2	0	0	59.7	59.7	1	664.24	3.25	250	67.45	0	3.64	0	0	0.69	0	0	0	0	0	0	-12.08	-12.08
INV TRANSFORMER	MV41T	520981.91	4884662.11	2	0	0	65.1	65.1	1	664.24	3.25	500	67.45	0	0.02	0	0	1.28	0	0	0	0	0	0	-3.65	-3.65
INV TRANSFORMER	MV41T	520981.91	4884662.11	2	0	0	62.3	62.3	1	664.24	3.25	1000	67.45	0	-1.44	0	0	2.43	0	0	0	0	0	0	-6.14	-6.14
INV TRANSFORMER	MV41T	520981.91	4884662.11	2	0	0	58.5	58.5	1	664.24	3.25	2000	67.45	0	-1.54	0	0	6.42	0	0	0	0	0	0	-13.83	-13.83
INV TRANSFORMER	MV41T	520981.91	4884662.11	2	0	0	53.3	53.3	1	664.24	3.25	4000	67.45	0	-1.54	0	0	21.77	0	0	0	0	0	0	-34.38	-34.38
INV TRANSFORMER	MV41T	520981.91	4884662.11	2	0	0	44.2	44.2	1	664.24	3.25	8000	67.45	0	-1.54	0	0	77.64	0	0	0	0	0	0	-99.35	-99.35
INV TRANSFORMER	MV35T	521725.94	4883612.56	2	0	0	25.9	25.9	1	682.5	3.25	32	67.68	0	-5.14	0	0	0.02	0	0	0	0	0	0	-36.66	-36.66
INV TRANSFORMER	MV35T	521725.94	4883612.56	2	0	0	45.1	45.1	1	682.5	3.25	63	67.68	0	-5.14	0	0	0.08	0	0	0	0	0	0	-17.52	-17.52
INV TRANSFORMER	MV35T	521725.94	4883612.56	2	0	0	57.2	57.2	1	682.5	3.25	125	67.68	0	3.71	0	0	0.28	0	0	0	0	0	0	-14.47	-14.47
INV TRANSFORMER	MV35T	521725.94	4883612.56	2	0	0	59.7	59.7	1	682.5	3.25	250	67.68	0	3.63	0	0	0.71	0	0	0	0	0	0	-12.32	-12.32
INV TRANSFORMER	MV35T	521725.94	4883612.56	2	0	0	65.1	65.1	1	682.5	3.25	500	67.68	0	0.01	0	0	1.32	0	0	0	0	0	0	-3.91	-3.91
INV TRANSFORMER	MV35T	521725.94	4883612.56	2	0	0	62.3	62.3	1	682.5	3.25	1000	67.68	0	-1.45	0	0	2.5	0	0	0	0	0	0	-6.43	-6.43
INV TRANSFORMER	MV35T	521725.94	4883612.56	2	0	0	58.5	58.5	1	682.5	3.25	2000	67.68	0	-1.54	0	0	6.6	0	0	0	0	0	0	-14.23	-14.23
INV TRANSFORMER	MV35T	521725.94	4883612.56	2	0	0	53.3	53.3	1	682.5	3.25	4000	67.68	0	-1.54	0	0	22.37	0	0	0	0	0	0	-35.2	-35.2
INV TRANSFORMER	MV35T	521725.94	4883612.56	2	0	0	44.2	44.2	1	682.5	3.25	8000	67.68	0	-1.54	0	0	79.77	0	0	0	0	0	0	-101.71	-101.71
INV TRANSFORMER	MV24T	521001.8	4883372.56	2	0	0	25.9	25.9	1	682.76	3.25	32	67.69	0	-5.14	0	0	0.02	0	0	0	0	0	0	-36.66	-36.66
INV TRANSFORMER	MV24T	521001.8	4883372.56	2	0	0	45.1	45.1	1	682.76	3.25	63	67.69	0	-5.14	0	0	0.08	0	0	0	0	0	0	-17.53	-17.53
INV TRANSFORMER	MV24T	521001.8	4883372.56	2	0	0	57.2	57.2	1	682.76	3.25	125	67.69	0	3.71	0	0	0.28	0	0	0	0	0	0	-14.47	-14.47
INV TRANSFORMER	MV24T	521001.8	4883372.56	2	0	0	59.7	59.7	1	682.76	3.25	250	67.69	0	3.63	0	0	0.71	0	0	0	0	0	0	-12.33	-12.33
INV TRANSFORMER	MV24T	521001.8	4883372.56	2	0	0	65.1	65.1	1	682.76	3.25	500	67.69	0	0.01	0	0	1.32	0	0	0	0	0	0	-3.92	-3.92
INV TRANSFORMER	MV24T	521001.8	4883372.56	2	0	0	62.3	62.3	1	682.76	3.25	1000	67.69	0	-1.45	0	0	2.5	0	0	0	0	0	0	-6.44	-6.44
INV TRANSFORMER	MV24T	521001.8	4883372.56	2	0	0	58.5	58.5	1	682.76	3.25	2000	67.69	0	-1.54	0	0	6.6	0	0	0	0	0	0	-14.24	-14.24
INV TRANSFORMER	MV24T	521001.8	4883372.56	2	0	0	53.3	53.3	1	682.76	3.25	4000	67.69	0	-1.54	0	0	22.37	0	0	0	0	0	0	-35.22	-35.22
INV TRANSFORMER	MV24T	521001.8	4883372.56	2	0	0	44.2	44.2	1	682.76	3.25	8000	67.69	0	-1.54	0	0	79.8	0	0	0	0	0	0	-101.75	-101.75
INV TRANSFORMER	MV44T	521153.69	4884839.17	2	0	0	25.9	25.9	1	809.81	3.25	32	69.17	0	-5.28	0	0	0.03	0	0	0	0	0	0	-38.02	-38.02
INV TRANSFORMER	MV44T	521153.69	4884839.17	2	0	0	45.1	45.1	1	809.81	3.25	63	69.17	0	-5.28	0	0	0.1	0	0	0	0	0	0	-18.89	-18.89
INV TRANSFORMER	MV44T	521153.69	4884839.17	2	0	0	57.2	57.2	1	809.81	3.25	125	69.17	0	4.05	0	0	0.33	0	0	0	0	0	0	-16.35	-16.35
INV TRANSFORMER	MV44T	521153.69	4884839.17	2	0	0	59.7	59.7	1	809.81	3.25	250	69.17	0	3.59	0	0	0.84	0	0	0	0	0	0	-13.9	-13.9
INV TRANSFORMER	MV44T	521153.69	4884839.17	2	0	0	65.1	65.1	1	809.81	3.25	500	69.17	0	-0.03	0	0	1.56	0	0	0	0	0	0	-5.6	-5.6
INV TRANSFORMER	MV44T	521153.69	4884839.17	2	0	0	62.3	62.3	1	809.81	3.25	1000	69.17	0	-1.49	0	0	2.96	0	0	0	0	0	0	-8.34	-8.34

	INV TRANSFORMER	MV44T	521153.69	4884839.17	2	0	0	58.5	58.5	1	809.81	3.25	2000	69.17	0	-1.58	0	0	7.83	0	0	0	0	0	0	-16.91	-16.91
	INV TRANSFORMER	MV44T	521153.69	4884839.17	2	0	0	53.3	53.3	1	809.81	3.25	4000	69.17	0	-1.58	0	0	26.54	0	0	0	0	0	0	-40.82	-40.82
	INV TRANSFORMER	MV44T	521153.69	4884839.17	2	0	0	44.2	44.2	1	809.81	3.25	8000	69.17	0	-1.58	0	0	94.65	0	0	0	0	0	0	-118.04	-118.04
	INV TRANSFORMER	MV29T	521222.7	4883202.56	2	0	0	25.9	25.9	1	828.26	3.25	32	69.36	0	-5.29	0	0	0.03	0	0	0	0	0	0	-38.2	-38.2
	INV TRANSFORMER	MV29T	521222.7	4883202.56	2	0	0	45.1	45.1	1	828.26	3.25	63	69.36	0	-5.29	0	0	0.1	0	0	0	0	0	0	-19.07	-19.07
	INV TRANSFORMER	MV29T	521222.7	4883202.56	2	0	0	57.2	57.2	1	828.26	3.25	125	69.36	0	4.09	0	0	0.34	0	0	0	0	0	0	-16.59	-16.59
	INV TRANSFORMER	MV29T	521222.7	4883202.56	2	0	0	59.7	59.7	1	828.26	3.25	250	69.36	0	3.58	0	0	0.86	0	0	0	0	0	0	-14.11	-14.11
	INV TRANSFORMER	MV29T	521222.7	4883202.56	2	0	0	65.1	65.1	1	828.26	3.25	500	69.36	0	-0.03	0	0	1.6	0	0	0	0	0	0	-5.83	-5.83
	INV TRANSFORMER	MV29T	521222.7	4883202.56	2	0	0	62.3	62.3	1	828.26	3.25	1000	69.36	0	-1.49	0	0	3.03	0	0	0	0	0	0	-8.6	-8.6
	INV TRANSFORMER	MV29T	521222.7	4883202.56	2	0	0	58.5	58.5	1	828.26	3.25	2000	69.36	0	-1.59	0	0	8	0	0	0	0	0	0	-17.28	-17.28
	INV TRANSFORMER	MV29T	521222.7	4883202.56	2	0	0	53.3	53.3	1	828.26	3.25	4000	69.36	0	-1.59	0	0	27.14	0	0	0	0	0	0	-41.62	-41.62
	INV TRANSFORMER	MV29T	521222.7	4883202.56	2	0	0	44.2	44.2	1	828.26	3.25	8000	69.36	0	-1.59	0	0	96.81	0	0	0	0	0	0	-120.38	-120.38
	INV TRANSFORMER	MV25T	521036.45	4883172.56	2	0	0	25.9	25.9	1	870.39	3.25	32	69.79	0	-5.33	0	0	0.03	0	0	0	0	0	0	-38.59	-38.59
	INV TRANSFORMER	MV25T	521036.45	4883172.56	2	0	0	45.1	45.1	1	870.39	3.25	63	69.79	0	-5.33	0	0	0.11	0	0	0	0	0	0	-19.47	-19.47
	INV TRANSFORMER	MV25T	521036.45	4883172.56	2	0	0	57.2	57.2	1	870.39	3.25	125	69.79	0	4.17	0	0	0.36	0	0	0	0	0	0	-17.12	-17.12
	INV TRANSFORMER	MV25T	521036.45	4883172.56	2	0	0	59.7	59.7	1	870.39	3.25	250	69.79	0	3.57	0	0	0.91	0	0	0	0	0	0	-14.58	-14.58
	INV TRANSFORMER	MV25T	521036.45	4883172.56	2	0	0	65.1	65.1	1	870.39	3.25	500	69.79	0	-0.04	0	0	1.68	0	0	0	0	0	0	-6.33	-6.33
	INV TRANSFORMER	MV25T	521036.45	4883172.56	2	0	0	62.3	62.3	1	870.39	3.25	1000	69.79	0	-1.5	0	0	3.18	0	0	0	0	0	0	-9.18	-9.18
	INV TRANSFORMER	MV25T	521036.45	4883172.56	2	0	0	58.5	58.5	1	870.39	3.25	2000	69.79	0	-1.6	0	0	8.41	0	0	0	0	0	0	-18.11	-18.11
	INV TRANSFORMER	MV25T	521036.45	4883172.56	2	0	0	53.3	53.3	1	870.39	3.25	4000	69.79	0	-1.6	0	0	28.52	0	0	0	0	0	0	-43.42	-43.42
	INV TRANSFORMER	MV25T	521036.45	4883172.56	2	0	0	44.2	44.2	1	870.39	3.25	8000	69.79	0	-1.6	0	0	101.73	0	0	0	0	0	0	-125.73	-125.73
	INV TRANSFORMER	MV39T	520562	4884736.58	2	0	0	25.9	25.9	1	942.68	3.25	32	70.49	0	-5.38	0	0	0.03	0	0	0	0	0	0	-39.24	-39.24
	INV TRANSFORMER	MV39T	520562	4884736.58	2	0	0	45.1	45.1	1	942.68	3.25	63	70.49	0	-5.38	0	0	0.11	0	0	0	0	0	0	-20.12	-20.12
	INV TRANSFORMER	MV39T	520562	4884736.58	2	0	0	57.2	57.2	1	942.68	3.25	125	70.49	0	4.28	0	0	0.39	0	0	0	0	0	0	-17.96	-17.96
	INV TRANSFORMER	MV39T	520562	4884736.58	2	0	0	59.7	59.7	1	942.68	3.25	250	70.49	0	3.56	0	0	0.98	0	0	0	0	0	0	-15.33	-15.33
	INV TRANSFORMER	MV39T	520562	4884736.58	2	0	0	65.1	65.1	1	942.68	3.25	500	70.49	0	-0.06	0	0	1.82	0	0	0	0	0	0	-7.15	-7.15
	INV TRANSFORMER	MV39T	520562	4884736.58	2	0	0	62.3	62.3	1	942.68	3.25	1000	70.49	0	-1.52	0	0	3.45	0	0	0	0	0	0	-10.12	-10.12
	INV TRANSFORMER	MV39T	520562	4884736.58	2	0	0	58.5	58.5	1	942.68	3.25	2000	70.49	0	-1.61	0	0	9.11	0	0	0	0	0	0	-19.48	-19.48
	INV TRANSFORMER	MV39T	520562	4884736.58	2	0	0	53.3	53.3	1	942.68	3.25	4000	70.49	0	-1.61	0	0	30.89	0	0	0	0	0	0	-46.47	-46.47
	INV TRANSFORMER	MV39T	520562	4884736.58	2	0	0	44.2	44.2	1	942.68	3.25	8000	70.49	0	-1.61	0	0	110.18	0	0	0	0	0	0	-134.86	-134.86
	INV TRANSFORMER	MV38T	520380.43	4884652.58	2	0	0	25.9	25.9	1	1018.11	3.25	32	71.16	0	-5.43	0	0	0.03	0	0	0	0	0	0	-39.86	-39.86
	INV TRANSFORMER	MV38T	520380.43	4884652.58	2	0	0	45.1	45.1	1	1018.11	3.25	63	71.16	0	-5.43	0	0	0.12	0	0	0	0	0	0	-20.75	-20.75
	INV TRANSFORMER	MV38T	520380.43	4884652.58	2	0	0	57.2	57.2	1	1018.11	3.25	125	71.16	0	4.36	0	0	0.42	0	0	0	0	0	0	-18.74	-18.74
	INV TRANSFORMER	MV38T	520380.43	4884652.58	2	0	0	59.7	59.7	1	1018.11	3.25	250	71.16	0	3.55	0	0	1.06	0	0	0	0	0	0	-16.06	-16.06
	INV TRANSFORMER	MV38T	520380.43	4884652.58	2	0	0	65.1	65.1	1	1018.11	3.25	500	71.16	0	-0.07	0	0	1.96	0	0	0	0	0	0	-7.95	-7.95
	INV TRANSFORMER	MV38T	520380.43	4884652.58	2	0	0	62.3	62.3	1	1018.11	3.25	1000	71.16	0	-1.53	0	0	3.72	0	0	0	0	0	0	-11.05	-11.05
	INV TRANSFORMER	MV38T	520380.43	4884652.58	2	0	0	58.5	58.5	1	1018.11	3.25	2000	71.16	0	-1.63	0	0	9.84	0	0	0	0	0	0	-20.87	-20.87
	INV TRANSFORMER	MV38T	520380.43	4884652.58	2	0	0	53.3	53.3	1	1018.11	3.25	4000	71.16	0	-1.63	0	0	33.36	0	0	0	0	0	0	-49.59	-49.59
	INV TRANSFORMER	MV38T	520380.43	4884652.58	2	0	0	44.2	44.2	1	1018.11	3.25	8000	71.16	0	-1.63	0	0	119	0	0	0	0	0	0	-144.33	-144.33
	INV TRANSFORMER	MV37T	520345.16	4884856.58	2	0	0	25.9	25.9	1	1179.09	3.25	32	72.43	0	-5.5	0	0	0.04	0	0	0	0	0	0	-41.06	-41.06
	INV TRANSFORMER	MV37T	520345.16	4884856.58	2	0	0	45.1	45.1	1	1179.09	3.25	63	72.43	0	-5.5	0	0	0.14	0	0	0	0	0	0	-21.97	-21.97
	INV TRANSFORMER	MV37T	520345.16	4884856.58	2	0	0	57.2	57.2	1	1179.09	3.25	125	72.43	0	4.46	0	0	0.48	0	0	0	0	0	0	-20.17	-20.17
	INV TRANSFORMER	MV37T	520345.16	4884856.58	2	0	0	59.7	59.7	1	1179.09	3.25	250	72.43	0	3.52	0	0	1.23	0	0	0	0	0	0	-17.48	-17.48
	INV TRANSFORMER	MV37T	520345.16	4884856.58	2	0	0	65.1	65.1	1	1179.09	3.25	500	72.43	0	-0.09	0	0	2.27	0	0	0	0	0	0	-9.51	-9.51
	INV TRANSFORMER	MV37T	520345.16	4884856.58	2	0	0	62.3	62.3	1	1179.09	3.25	1000	72.43	0	-1.56	0	0	4.31	0	0	0	0	0	0	-12.89	-12.89
	INV TRANSFORMER	MV37T	520345.16	4884856.58	2	0	0	58.5	58.5	1	1179.09	3.25	2000	72.43	0	-1.65	0	0	11.39	0	0	0	0	0	0	-23.67	-23.67
	INV TRANSFORMER	MV37T	520345.16	4884856.58	2	0	0	53.3	53.3	1	1179.09	3.25	4000	72.43	0	-1.65	0	0	38.64	0	0	0	0	0	0	-56.12	-56.12
	INV TRANSFORMER	MV37T	520345.16	4884856.58	2	0	0	44.2	44.2	1	1179.09	3.25	8000	72.43	0	-1.65	0	0	137.81	0	0	0	0	0	0	-164.39	-164.39
	INV TRANSFORMER	MV47T	519833.6	4883248.41	2	0	0	25.9	25.9	1	1562.01	3.25	32	74.87	0	-5.63	0	0	0.05	0	0	0	0	0	0	-43.4	-43.4
	INV TRANSFORMER	MV47T	519833.6	4883248.41	2	0	0	45.1	45.1	1	1562.01	3.25	63	74.87	0	-5.63	0	0	0.19	0	0	0	0	0	0	-24.34	-24.34
	INV TRANSFORMER	MV47T	519833.6	4883248.41	2	0	0	57.2	57.2	1	1562.01	3.25	125	74.87	0	4.49	0	0	0.64	0	0	0	0	0	0	-22.8	-22.8
	INV TRANSFORMER	MV47T	519833.6	4883248.41	2	0	0	59.7	59.7	1	1562.01	3.25	250	74.87	0	3.49	0	0	1.63	0	0	0	0	0	0	-20.29	-20.29
	INV TRANSFORMER	MV47T	519833.6	4883248.41	2	0	0	65.1	65.1	1	1562.01	3.25	500	74.87	0	-0.13	0	0	3.01	0	0	0	0	0	0	-12.65	-12.65
	INV TRANSFORMER	MV47T	519833.6	4883248.41	2	0	0	62.3	62.3	1	1562.01	3.25	1000	74.87	0	-1.59	0	0	5.71	0	0	0	0	0	0	-16.7	-16.7
	INV TRANSFORMER	MV47T	519833.6	4883248.41	2	0	0	58.5	58.5	1	1562.01	3.25	2000	74.87	0	-1.69	0	0	15.1	0	0	0	0	0	0	-29.78	-29.78
	INV TRANSFORMER	MV47T	519833.6	4883248.41	2	0	0	53.3	53.3	1	1562.01	3.25	4000	74.87	0	-1.69	0	0	51.19	0	0	0	0	0	0	-71.07	-71.07
	INV TRANSFORMER	MV47T	519833.6	4883248.41	2	0	0	44.2	44.2	1	1562.01	3.25	8000	74.87	0	-1.69	0	0	182.57	0	0	0	0	0	0	-211.56	-211.56
	INV TRANSFORMER	MV46T	519569.03	4883256.08	2	0	0	26.8	26.8	1	1792.64	3.25	32	76.07	0	-5.67	0	0	0.06	0	0	0	0	0	0	-43.65	-43.65
	INV TRANSFORMER	MV46T	519569.03	4883256.08	2	0	0	46	46	1	1792.64	3.25	63	76.07	0	-5.67	0	0	0.22	0	0	0	0	0	0	-24.61	-24.61
	INV TRANSFORMER	MV46T	519569.03	4883256.08	2	0	0	58.1	58.1	1	1792.64	3.25	125	76.07	0	4.48	0	0	0.74	0	0	0	0	0	0	-23.18	-23.18
	INV TRANSFORMER	MV46T	519569.03	4883256.08	2	0	0	60.6	60.6	1	1792.64	3.25	250	76.07	0	3.47	0	0	1.87	0	0	0	0	0	0	-20.81	-20.81
	INV TRANSFORMER	MV46T	519569.03	4883256.08	2	0	0	66	66	1	1792.64	3.25	500	76.07	0	-0.14	0	0	3.46	0	0	0	0	0	0	-13.38	-13.38
	INV TRANSFORMER	MV46T	519569.03	4883256.08	2	0	0	63.2	63.2	1	1792.64	3.25	1000	76.07	0	-1.61	0	0	6.56	0	0	0	0	0	0	-17.82	-17.82
	INV TRANSFORMER	MV46T	519569.03	4883256.08	2	0	0	59.4	59.4	1	1792.64	3.25	2000	76.07	0	-1.7	0	0	17.32	0	0	0	0	0	0	-32.29	-32.29
	INV TRANSFORMER	MV46T	519569.03	4883256.08	2	0	0	54.2	54.2	1	1792.64	3.25	4000	76.07	0	-1.7	0	0	58.74	0	0	0	0	0	0	-78.91	-78.91
	INV TRANSFORMER	MV46T	519569.03	4883256.08	2	0	0	45.1	45.1	1	1792.64	3.25	8000	76.07	0	-1.7	0	0	209.53	0	0	0	0	0	0	-238.79	-238.79
Limit. Value D/N:	0	0																								
Level D/N:	39.67	39.67																								
	Inverter Transformer	MV22T	340086	4682176	2	0	0	87.5	87.5	1	2723.35	3.25	500	79.7	0	-0.18	0	0	5.25	0	0	0	0	0	0	2.73	2.73
	Inverter Transformer	MV22T	340086	4682176	2	0	0	84.7	84.7	1	2723.35	3.25	1000	79.7	0	-1.64	0	0	9.96	0	0	0	0	0	0	-3.32	-3.32
	Inverter Transformer	MV22T	340086	4682176	2	0	0	80.9	80.9	1	2723.35	3.25	2000	79.7	0	-1.74	0	0	26.32	0	0	0	0	0	0	-23.38	-23.38
	Inverter Transformer	MV22T	340086	4682176	2	0	0	75.7	75.7	1	2723.35	3.25	4000	79.7	0	-1.74	0	0	89.24	0	0	0	0	0	0	-91.51	-91.51

Inverter Transformer	MV22T	340086	4682176	2	0	0	66.6	66.6	1	2723.35	3.25	8000	79.7	0	-1.74	0	0	318.31	0	0	0	0	0	0	-329.68	-329.68
Inverter Transformer	MV35T	340431	4681932	2	0	0	48.3	48.3	1	2752.65	3.25	32	79.8	0	-5.79	0	0	0.09	0	0	0	0	0	0	-25.8	-25.8
Inverter Transformer	MV35T	340431	4681932	2	0	0	67.5	67.5	1	2752.65	3.25	63	79.8	0	-5.79	0	0	0.34	0	0	0	0	0	0	-6.84	-6.84
Inverter Transformer	MV35T	340431	4681932	2	0	0	79.6	79.6	1	2752.65	3.25	125	79.8	0	4.44	0	0	1.13	0	0	0	0	0	0	-5.77	-5.77
Inverter Transformer	MV35T	340431	4681932	2	0	0	82.1	82.1	1	2752.65	3.25	250	79.8	0	3.44	0	0	2.87	0	0	0	0	0	0	-4	-4
Inverter Transformer	MV35T	340431	4681932	2	0	0	87.5	87.5	1	2752.65	3.25	500	79.8	0	-0.18	0	0	5.31	0	0	0	0	0	0	2.58	2.58
Inverter Transformer	MV35T	340431	4681932	2	0	0	84.7	84.7	1	2752.65	3.25	1000	79.8	0	-1.64	0	0	10.07	0	0	0	0	0	0	-3.52	-3.52
Inverter Transformer	MV35T	340431	4681932	2	0	0	80.9	80.9	1	2752.65	3.25	2000	79.8	0	-1.74	0	0	26.6	0	0	0	0	0	0	-23.76	-23.76
Inverter Transformer	MV35T	340431	4681932	2	0	0	75.7	75.7	1	2752.65	3.25	4000	79.8	0	-1.74	0	0	90.2	0	0	0	0	0	0	-92.56	-92.56
Inverter Transformer	MV35T	340431	4681932	2	0	0	66.6	66.6	1	2752.65	3.25	8000	79.8	0	-1.74	0	0	321.73	0	0	0	0	0	0	-333.19	-333.19
Inverter Transformer	MV24T	339814	4682356	2	0	0	48.3	48.3	1	2755.36	3.25	32	79.8	0	-5.79	0	0	0.09	0	0	0	0	0	0	-25.8	-25.8
Inverter Transformer	MV24T	339814	4682356	2	0	0	67.5	67.5	1	2755.36	3.25	63	79.8	0	-5.79	0	0	0.34	0	0	0	0	0	0	-6.85	-6.85
Inverter Transformer	MV24T	339814	4682356	2	0	0	79.6	79.6	1	2755.36	3.25	125	79.8	0	4.44	0	0	1.13	0	0	0	0	0	0	-5.78	-5.78
Inverter Transformer	MV24T	339814	4682356	2	0	0	82.1	82.1	1	2755.36	3.25	250	79.8	0	3.44	0	0	2.87	0	0	0	0	0	0	-4.02	-4.02
Inverter Transformer	MV24T	339814	4682356	2	0	0	87.5	87.5	1	2755.36	3.25	500	79.8	0	-0.18	0	0	5.31	0	0	0	0	0	0	2.56	2.56
Inverter Transformer	MV24T	339814	4682356	2	0	0	84.7	84.7	1	2755.36	3.25	1000	79.8	0	-1.64	0	0	10.08	0	0	0	0	0	0	-3.54	-3.54
Inverter Transformer	MV24T	339814	4682356	2	0	0	80.9	80.9	1	2755.36	3.25	2000	79.8	0	-1.74	0	0	26.63	0	0	0	0	0	0	-23.79	-23.79
Inverter Transformer	MV24T	339814	4682356	2	0	0	75.7	75.7	1	2755.36	3.25	4000	79.8	0	-1.74	0	0	90.29	0	0	0	0	0	0	-92.66	-92.66
Inverter Transformer	MV24T	339814	4682356	2	0	0	66.6	66.6	1	2755.36	3.25	8000	79.8	0	-1.74	0	0	322.05	0	0	0	0	0	0	-333.52	-333.52
Inverter Transformer	MV25T	339892	4682176	2	0	0	48.3	48.3	1	2840.98	3.25	32	80.07	0	-5.79	0	0	0.09	0	0	0	0	0	0	-26.07	-26.07
Inverter Transformer	MV25T	339892	4682176	2	0	0	67.5	67.5	1	2840.98	3.25	63	80.07	0	-5.79	0	0	0.35	0	0	0	0	0	0	-7.12	-7.12
Inverter Transformer	MV25T	339892	4682176	2	0	0	79.6	79.6	1	2840.98	3.25	125	80.07	0	4.44	0	0	1.17	0	0	0	0	0	0	-6.08	-6.08
Inverter Transformer	MV25T	339892	4682176	2	0	0	82.1	82.1	1	2840.98	3.25	250	80.07	0	3.43	0	0	2.96	0	0	0	0	0	0	-4.37	-4.37
Inverter Transformer	MV25T	339892	4682176	2	0	0	87.5	87.5	1	2840.98	3.25	500	80.07	0	-0.18	0	0	5.48	0	0	0	0	0	0	2.13	2.13
Inverter Transformer	MV25T	339892	4682176	2	0	0	84.7	84.7	1	2840.98	3.25	1000	80.07	0	-1.64	0	0	10.39	0	0	0	0	0	0	-4.12	-4.12
Inverter Transformer	MV25T	339892	4682176	2	0	0	80.9	80.9	1	2840.98	3.25	2000	80.07	0	-1.74	0	0	27.46	0	0	0	0	0	0	-24.89	-24.89
Inverter Transformer	MV25T	339892	4682176	2	0	0	75.7	75.7	1	2840.98	3.25	4000	80.07	0	-1.74	0	0	93.1	0	0	0	0	0	0	-95.73	-95.73
Inverter Transformer	MV25T	339892	4682176	2	0	0	66.6	66.6	1	2840.98	3.25	8000	80.07	0	-1.74	0	0	332.06	0	0	0	0	0	0	-343.79	-343.79
LINE REACTOR	LR	341177	4683522	6.8	0	0	39.2	39.2	1	998.61	5.65	32	70.99	0	-4.98	0	0	0.03	0	0	0	0	0	0	-26.84	-26.84
LINE REACTOR	LR	341177	4683522	6.8	0	0	58.4	58.4	1	998.61	5.65	63	70.99	0	-4.98	0	0	0.12	0	0	0	0	0	0	-7.73	-7.73
LINE REACTOR	LR	341177	4683522	6.8	0	0	70.5	70.5	1	998.61	5.65	125	70.99	0	2.63	0	0	0.41	0	0	0	0	0	0	-3.53	-3.53
LINE REACTOR	LR	341177	4683522	6.8	0	0	73	73	1	998.61	5.65	250	70.99	0	-0.43	0	0	1.04	0	0	0	0	0	0	1.4	1.4
LINE REACTOR	LR	341177	4683522	6.8	0	0	78.4	78.4	1	998.61	5.65	500	70.99	0	-1.49	0	0	1.93	0	0	0	0	0	0	6.98	6.98
LINE REACTOR	LR	341177	4683522	6.8	0	0	75.6	75.6	1	998.61	5.65	1000	70.99	0	-1.49	0	0	3.65	0	0	0	0	0	0	2.45	2.45
LINE REACTOR	LR	341177	4683522	6.8	0	0	71.8	71.8	1	998.61	5.65	2000	70.99	0	-1.49	0	0	9.65	0	0	0	0	0	0	-7.34	-7.34
LINE REACTOR	LR	341177	4683522	6.8	0	0	66.6	66.6	1	998.61	5.65	4000	70.99	0	-1.49	0	0	32.72	0	0	0	0	0	0	-35.62	-35.62
LINE REACTOR	LR	341177	4683522	6.8	0	0	57.5	57.5	1	998.61	5.65	8000	70.99	0	-1.49	0	0	116.72	0	0	0	0	0	0	-128.71	-128.71
Inverter Transformer	MV34T	340264	4681872	2	0	0	48.3	48.3	1	2884.26	3.25	32	80.2	0	-5.8	0	0	0.09	0	0	0	0	0	0	-26.2	-26.2
Inverter Transformer	MV34T	340264	4681872	2	0	0	67.5	67.5	1	2884.26	3.25	63	80.2	0	-5.8	0	0	0.35	0	0	0	0	0	0	-7.25	-7.25
Inverter Transformer	MV34T	340264	4681872	2	0	0	79.6	79.6	1	2884.26	3.25	125	80.2	0	4.44	0	0	1.19	0	0	0	0	0	0	-6.23	-6.23
Inverter Transformer	MV34T	340264	4681872	2	0	0	82.1	82.1	1	2884.26	3.25	250	80.2	0	3.43	0	0	3.01	0	0	0	0	0	0	-4.54	-4.54
Inverter Transformer	MV34T	340264	4681872	2	0	0	87.5	87.5	1	2884.26	3.25	500	80.2	0	-0.18	0	0	5.56	0	0	0	0	0	0	1.92	1.92
Inverter Transformer	MV34T	340264	4681872	2	0	0	84.7	84.7	1	2884.26	3.25	1000	80.2	0	-1.64	0	0	10.55	0	0	0	0	0	0	-4.41	-4.41
Inverter Transformer	MV34T	340264	4681872	2	0	0	80.9	80.9	1	2884.26	3.25	2000	80.2	0	-1.74	0	0	27.87	0	0	0	0	0	0	-25.43	-25.43
Inverter Transformer	MV34T	340264	4681872	2	0	0	75.7	75.7	1	2884.26	3.25	4000	80.2	0	-1.74	0	0	94.52	0	0	0	0	0	0	-97.28	-97.28
Inverter Transformer	MV34T	340264	4681872	2	0	0	66.6	66.6	1	2884.26	3.25	8000	80.2	0	-1.74	0	0	337.12	0	0	0	0	0	0	-348.98	-348.98
Inverter Transformer	MV26T	339958	4682026	2	0	0	48.3	48.3	1	2919.91	3.25	32	80.31	0	-5.8	0	0	0.09	0	0	0	0	0	0	-26.3	-26.3
Inverter Transformer	MV26T	339958	4682026	2	0	0	67.5	67.5	1	2919.91	3.25	63	80.31	0	-5.8	0	0	0.36	0	0	0	0	0	0	-7.36	-7.36
Inverter Transformer	MV26T	339958	4682026	2	0	0	79.6	79.6	1	2919.91	3.25	125	80.31	0	4.44	0	0	1.2	0	0	0	0	0	0	-6.35	-6.35
Inverter Transformer	MV26T	339958	4682026	2	0	0	82.1	82.1	1	2919.91	3.25	250	80.31	0	3.43	0	0	3.05	0	0	0	0	0	0	-4.69	-4.69
Inverter Transformer	MV26T	339958	4682026	2	0	0	87.5	87.5	1	2919.91	3.25	500	80.31	0	-0.18	0	0	5.63	0	0	0	0	0	0	1.75	1.75
Inverter Transformer	MV26T	339958	4682026	2	0	0	84.7	84.7	1	2919.91	3.25	1000	80.31	0	-1.64	0	0	10.68	0	0	0	0	0	0	-4.64	-4.64
Inverter Transformer	MV26T	339958	4682026	2	0	0	80.9	80.9	1	2919.91	3.25	2000	80.31	0	-1.74	0	0	28.22	0	0	0	0	0	0	-25.89	-25.89
Inverter Transformer	MV26T	339958	4682026	2	0	0	75.7	75.7	1	2919.91	3.25	4000	80.31	0	-1.74	0	0	95.69	0	0	0	0	0	0	-98.55	-98.55
Inverter Transformer	MV26T	339958	4682026	2	0	0	66.6	66.6	1	2919.91	3.25	8000	80.31	0	-1.74	0	0	341.28	0	0	0	0	0	0	-353.25	-353.25
Inverter Transformer	MV27T	339699	4682176	2	0	0	48.3	48.3	1	2965.98	3.25	32	80.44	0	-5.8	0	0	0.09	0	0	0	0	0	0	-26.44	-26.44
Inverter Transformer	MV27T	339699	4682176	2	0	0	67.5	67.5	1	2965.98	3.25	63	80.44	0	-5.8	0	0	0.36	0	0	0	0	0	0	-7.5	-7.5
Inverter Transformer	MV27T	339699	4682176	2	0	0	79.6	79.6	1	2965.98	3.25	125	80.44	0	4.44	0	0	1.22	0	0	0	0	0	0	-6.5	-6.5
Inverter Transformer	MV27T	339699	4682176	2	0	0	82.1	82.1	1	2965.98	3.25	250	80.44	0	3.43	0	0	3.09	0	0	0	0	0	0	-4.87	-4.87
Inverter Transformer	MV27T	339699	4682176	2	0	0	87.5	87.5	1	2965.98	3.25	500	80.44	0	-0.18	0	0	5.72	0	0	0	0	0	0	1.52	1.52
Inverter Transformer	MV27T	339699	4682176	2	0	0	84.7	84.7	1	2965.98	3.25	1000	80.44	0	-1.65	0	0	10.85	0	0	0	0	0	0	-4.95	-4.95
Inverter Transformer	MV27T	339699	4682176	2	0	0	80.9	80.9	1	2965.98	3.25	2000	80.44	0	-1.74	0	0	28.66	0	0	0	0	0	0	-26.47	-26.47
Inverter Transformer	MV27T	339699	4682176	2	0	0	75.7	75.7	1	2965.98	3.25	4000	80.44	0	-1.74	0	0	97.2	0	0	0	0	0	0	-100.2	-100.2
Inverter Transformer	MV27T	339699	4682176	2	0	0	66.6	66.6	1	2965.98	3.25	8000	80.44	0	-1.74	0	0	346.67	0	0	0	0	0	0	-358.77	-358.77
Inverter Transformer	MV33T	340087	4681792	2	0	0	48.3	48.3	1	3042.85	3.25	32	80.67	0	-5.81	0	0	0.1	0	0	0	0	0	0	-26.66	-26.66
Inverter Transformer	MV33T	340087	4681792	2	0	0	67.5	67.5	1	3042.85	3.25	63	80.67	0	-5.81	0	0	0.37	0	0	0	0	0	0	-7.73	-7.73
Inverter Transformer	MV33T	340087	4681792	2	0	0	79.6	79.6	1	3042.85	3.25	125	80.67	0	4.44	0	0	1.25	0	0	0	0	0	0	-6.75	-6.75
Inverter Transformer	MV33T	340087	4681792	2	0	0	82.1	82.1	1	3042.85	3.25	250	80.67	0	3.43	0	0	3.17	0	0	0	0	0	0	-5.17	-5.17
Inverter Transformer	MV33T	340087	4681792	2	0	0	87.5	87.5	1	3042.85	3.25	500	80.67	0	-0.19	0	0	5.87	0	0	0	0	0	0	1.15	1.15
Inverter Transformer	MV33T	340087	4681792	2	0	0	84.7	84.7	1	3042.85	3.25	1000	80.67	0	-1.65	0	0	11.13	0	0	0	0	0	0	-5.45	-5.45
Inverter Transformer	MV33T	340087	4681792	2	0	0	80.9	80.9	1	3042.85	3.25	2000	80.67	0	-1.74	0	0	29.41	0	0	0	0	0	0	-27.43	-27.43
Inverter Transformer	MV33T	340087	4681792	2	0	0	75.7	75.7	1	3042.85	3.25	4000	80.67	0	-1.74	0	0	99.71	0	0	0	0	0	0	-102.94	-102.94

Inverter Transformer	MV33T	340087	4681792	2	0	0	66.6	66.6	1	3042.85	3.25	8000	80.67	0	-1.74	0	0	355.65	0	0	0	0	0	0	-367.98	-367.98
Inverter Transformer	MV28T	339777	4681996	2	0	0	48.3	48.3	1	3053.37	3.25	32	80.7	0	-5.81	0	0	0.1	0	0	0	0	0	0	-26.68	-26.68
Inverter Transformer	MV28T	339777	4681996	2	0	0	67.5	67.5	1	3053.37	3.25	63	80.7	0	-5.81	0	0	0.37	0	0	0	0	0	0	-7.76	-7.76
Inverter Transformer	MV28T	339777	4681996	2	0	0	79.6	79.6	1	3053.37	3.25	125	80.7	0	4.44	0	0	1.25	0	0	0	0	0	0	-6.79	-6.79
Inverter Transformer	MV28T	339777	4681996	2	0	0	82.1	82.1	1	3053.37	3.25	250	80.7	0	3.43	0	0	3.19	0	0	0	0	0	0	-5.21	-5.21
Inverter Transformer	MV28T	339777	4681996	2	0	0	87.5	87.5	1	3053.37	3.25	500	80.7	0	-0.19	0	0	5.89	0	0	0	0	0	0	1.1	1.1
Inverter Transformer	MV28T	339777	4681996	2	0	0	84.7	84.7	1	3053.37	3.25	1000	80.7	0	-1.65	0	0	11.17	0	0	0	0	0	0	-5.52	-5.52
Inverter Transformer	MV28T	339777	4681996	2	0	0	80.9	80.9	1	3053.37	3.25	2000	80.7	0	-1.74	0	0	29.51	0	0	0	0	0	0	-27.56	-27.56
Inverter Transformer	MV28T	339777	4681996	2	0	0	75.7	75.7	1	3053.37	3.25	4000	80.7	0	-1.74	0	0	100.06	0	0	0	0	0	0	-103.31	-103.31
Inverter Transformer	MV28T	339777	4681996	2	0	0	66.6	66.6	1	3053.37	3.25	8000	80.7	0	-1.74	0	0	356.88	0	0	0	0	0	0	-369.24	-369.24
Inverter Transformer	MV29T	339466	4682266	2	0	0	48.3	48.3	1	3063.13	3.25	32	80.72	0	-5.81	0	0	0.1	0	0	0	0	0	0	-26.71	-26.71
Inverter Transformer	MV29T	339466	4682266	2	0	0	67.5	67.5	1	3063.13	3.25	63	80.72	0	-5.81	0	0	0.37	0	0	0	0	0	0	-7.79	-7.79
Inverter Transformer	MV29T	339466	4682266	2	0	0	79.6	79.6	1	3063.13	3.25	125	80.72	0	4.44	0	0	1.26	0	0	0	0	0	0	-6.82	-6.82
Inverter Transformer	MV29T	339466	4682266	2	0	0	82.1	82.1	1	3063.13	3.25	250	80.72	0	3.43	0	0	3.2	0	0	0	0	0	0	-5.25	-5.25
Inverter Transformer	MV29T	339466	4682266	2	0	0	87.5	87.5	1	3063.13	3.25	500	80.72	0	-0.19	0	0	5.91	0	0	0	0	0	0	1.06	1.06
Inverter Transformer	MV29T	339466	4682266	2	0	0	84.7	84.7	1	3063.13	3.25	1000	80.72	0	-1.65	0	0	11.2	0	0	0	0	0	0	-5.58	-5.58
Inverter Transformer	MV29T	339466	4682266	2	0	0	80.9	80.9	1	3063.13	3.25	2000	80.72	0	-1.74	0	0	29.6	0	0	0	0	0	0	-27.68	-27.68
Inverter Transformer	MV29T	339466	4682266	2	0	0	75.7	75.7	1	3063.13	3.25	4000	80.72	0	-1.74	0	0	100.38	0	0	0	0	0	0	-103.66	-103.66
Inverter Transformer	MV29T	339466	4682266	2	0	0	66.6	66.6	1	3063.13	3.25	8000	80.72	0	-1.74	0	0	358.02	0	0	0	0	0	0	-370.4	-370.4
Inverter Transformer	MV32T	339879	4681722	2	0	0	48.3	48.3	1	3214.26	3.25	32	81.14	0	-5.82	0	0	0.1	0	0	0	0	0	0	-27.13	-27.13
Inverter Transformer	MV32T	339879	4681722	2	0	0	67.5	67.5	1	3214.26	3.25	63	81.14	0	-5.82	0	0	0.39	0	0	0	0	0	0	-8.21	-8.21
Inverter Transformer	MV32T	339879	4681722	2	0	0	79.6	79.6	1	3214.26	3.25	125	81.14	0	4.43	0	0	1.32	0	0	0	0	0	0	-7.3	-7.3
Inverter Transformer	MV32T	339879	4681722	2	0	0	82.1	82.1	1	3214.26	3.25	250	81.14	0	3.43	0	0	3.35	0	0	0	0	0	0	-5.82	-5.82
Inverter Transformer	MV32T	339879	4681722	2	0	0	87.5	87.5	1	3214.26	3.25	500	81.14	0	-0.19	0	0	6.2	0	0	0	0	0	0	0.35	0.35
Inverter Transformer	MV32T	339879	4681722	2	0	0	84.7	84.7	1	3214.26	3.25	1000	81.14	0	-1.65	0	0	11.76	0	0	0	0	0	0	-6.55	-6.55
Inverter Transformer	MV32T	339879	4681722	2	0	0	80.9	80.9	1	3214.26	3.25	2000	81.14	0	-1.75	0	0	31.06	0	0	0	0	0	0	-29.56	-29.56
Inverter Transformer	MV32T	339879	4681722	2	0	0	75.7	75.7	1	3214.26	3.25	4000	81.14	0	-1.75	0	0	105.33	0	0	0	0	0	0	-109.03	-109.03
Inverter Transformer	MV32T	339879	4681722	2	0	0	66.6	66.6	1	3214.26	3.25	8000	81.14	0	-1.75	0	0	375.69	0	0	0	0	0	0	-388.48	-388.48
Inverter Transformer	MV23T	340272	4682061	2	0	0	43.4	43.4	1	2716.89	3.25	32	79.68	0	-5.78	0	0	0.09	0	0	0	0	0	0	-30.58	-30.58
Inverter Transformer	MV23T	340272	4682061	2	0	0	62.6	62.6	1	2716.89	3.25	63	79.68	0	-5.78	0	0	0.33	0	0	0	0	0	0	-11.63	-11.63
Inverter Transformer	MV23T	340272	4682061	2	0	0	74.8	74.8	1	2716.89	3.25	125	79.68	0	4.44	0	0	1.12	0	0	0	0	0	0	-10.44	-10.44
Inverter Transformer	MV23T	340272	4682061	2	0	0	77.3	77.3	1	2716.89	3.25	250	79.68	0	3.44	0	0	2.83	0	0	0	0	0	0	-8.65	-8.65
Inverter Transformer	MV23T	340272	4682061	2	0	0	82.7	82.7	1	2716.89	3.25	500	79.68	0	-0.18	0	0	5.24	0	0	0	0	0	0	-2.04	-2.04
Inverter Transformer	MV23T	340272	4682061	2	0	0	79.8	79.8	1	2716.89	3.25	1000	79.68	0	-1.64	0	0	9.94	0	0	0	0	0	0	-8.18	-8.18
Inverter Transformer	MV23T	340272	4682061	2	0	0	76	76	1	2716.89	3.25	2000	79.68	0	-1.74	0	0	26.26	0	0	0	0	0	0	-28.2	-28.2
Inverter Transformer	MV23T	340272	4682061	2	0	0	70.8	70.8	1	2716.89	3.25	4000	79.68	0	-1.74	0	0	89.03	0	0	0	0	0	0	-96.18	-96.18
Inverter Transformer	MV23T	340272	4682061	2	0	0	61.8	61.8	1	2716.89	3.25	8000	79.68	0	-1.74	0	0	317.56	0	0	0	0	0	0	-333.7	-333.7
Inverter Transformer	MV30T	339700	4681841	2	0	0	43.4	43.4	1	3222.84	3.25	32	81.16	0	-5.82	0	0	0.1	0	0	0	0	0	0	-32.05	-32.05
Inverter Transformer	MV30T	339700	4681841	2	0	0	62.6	62.6	1	3222.84	3.25	63	81.16	0	-5.82	0	0	0.39	0	0	0	0	0	0	-13.14	-13.14
Inverter Transformer	MV30T	339700	4681841	2	0	0	74.8	74.8	1	3222.84	3.25	125	81.16	0	4.43	0	0	1.32	0	0	0	0	0	0	-12.12	-12.12
Inverter Transformer	MV30T	339700	4681841	2	0	0	77.3	77.3	1	3222.84	3.25	250	81.16	0	3.43	0	0	3.36	0	0	0	0	0	0	-10.65	-10.65
Inverter Transformer	MV30T	339700	4681841	2	0	0	82.7	82.7	1	3222.84	3.25	500	81.16	0	-0.19	0	0	6.21	0	0	0	0	0	0	-4.49	-4.49
Inverter Transformer	MV30T	339700	4681841	2	0	0	79.8	79.8	1	3222.84	3.25	1000	81.16	0	-1.65	0	0	11.79	0	0	0	0	0	0	-11.5	-11.5
Inverter Transformer	MV30T	339700	4681841	2	0	0	76	76	1	3222.84	3.25	2000	81.16	0	-1.75	0	0	31.15	0	0	0	0	0	0	-34.56	-34.56
Inverter Transformer	MV30T	339700	4681841	2	0	0	70.8	70.8	1	3222.84	3.25	4000	81.16	0	-1.75	0	0	105.61	0	0	0	0	0	0	-114.23	-114.23
Inverter Transformer	MV30T	339700	4681841	2	0	0	61.8	61.8	1	3222.84	3.25	8000	81.16	0	-1.75	0	0	376.69	0	0	0	0	0	0	-394.31	-394.31
Limit. Value D/N:	0	0																								
Level D/N:	39.9437	39.9437																								