

**Exhibit 13 Page 1**  
**VCY America, Inc.**  
**Identification of Facilities**  
**Appleton, WI**

CALL FORMAT LATITUDE	ST	CITY ARN LONGITUDE	FREQ OWNER HAAT:m AMSL:m	CHN	CL	ERP	STAT
Proposed Unknown or New 44-15-37.0	WI CP	APPLETON 88-21-59.6 W	97.90000 VCY AMERICA, INC. 52.583 282.000		D	38.00	APP
<b>W247BY</b> Unknown or New 44-15-16.0	WI CP	APPLETON BLFT-20161130ACS 88-26-12.6 W	97.30000 VCY AMERICA, INC. 43.873 305.000		D	8.00	LIC
WQLH Unknown or New 44-38-41.0	WI CP	GREEN BAY BMLH-19910422KJ 88-08-13.0 W	98.50000 CUMULUS LICENSING LLC 119.300 367.000		C1	100000.00	LIC
W250CV Unknown or New 44-24-21.0	WI CP	GREEN BAY BNPFT-20180425ABA 88-00-18.6 W	97.90000 WTRW, INC. 104.000 365.000		D	250.00	CP
WTAQ-FM Unknown or New 44-24-21.0	WI CP	GLENMORE BLH-20100209AAC 88-00-19.0 W	97.50000 MIDWEST COMMUNICATIONS, INC. 112.454 371.000		A	3000.00	LIC
WFDL-FM Unknown or New 43-39-14.0	WI CP	LOMIRA BLH-20020422AAE 88-26-25.0 W	97.70000 RADIO PLUS, INC. 84.222 421.000		C3	17500.00	LIC
WSPT Unknown or New 44-32-17.0	WI CP	STEVENS POINT BLH-19961015KB 89-35-43.0 W	97.90000 MUZZY BROADCAST GROUP, LLC 59.326 436.000		C1	100000.00	LIC
WLKN Unknown or New 43-59-03.0	WI CP	CLEVELAND BLH-19991025AET 87-45-55.0 W	98.10000 SEEHAFER BROADCASTING CORP 61.697 310.000		A	5800.00	LIC
W252DR Unknown or New 44-01-40.0	WI CP	OSHKOSH BLFT-20170605AAE 88-37-39.0 W	98.30000 HOMETOWN BROADCASTING, LLC 24.033 294.000		D	250.00	LIC
W250BN Unknown or New 43-02-20.0	WI CP	WEST ALLIS BLFT-20160623AAW 87-55-04.0 W	97.90000 EL SOL BROADCASTING 130.837 361.000		D	250.00	LIC
WRNW Unknown or New 43-06-41.0	WI CP	MILWAUKEE BLH-19840925DP 87-55-38.0 W	97.30000 CAPSTAR TX, LLC, AS DEBTOR IN POSSESSION 261.252 491.000		B	15500.00	LIC

**Exhibit 13 Page 2**  
**VCY America, Inc.**  
**Identification of Facilities**  
**Appleton, WI**

WHDG WI RHINELANDER 97.30000 C1 100000.00 LIC  
Unknown or New CP BLH-20090720AAZ RAVEN LICENSE SUB, LLC  
45-22-50.0 N 89-11-22.0 W 107.583 664.000

WMGN WI MADISON 98.10000 B 36000.00 LIC  
Unknown or New CP BLH-20061121ABB MID-WEST MANAGEMENT, INC.  
42-57-46.0 N 89-22-47.0 W 140.514 463.300

W247AS WI NEW LONDON 97.30000 D 10.00 LIC  
Unknown or New CP BLFT-20070402JTS EDUCATIONAL MEDIA FOUNDATION  
44-25-02.0 N 88-47-45.0 W 110.619 391.000

WQDC WI STURGEON BAY 97.70000 A 1850.00 LIC  
Unknown or New CP BLH-19960422KC CASE COMMUNICATIONS LLC  
44-54-14.0 N 87-22-13.0 W 147.042 378.000

W250CQ MI IRON RIVER 97.90000 D 250.00 CP MOD  
Unknown or New CP BMPFT-20180308AAI IRON RIVER COMMUNITY BROADCASTING  
CORPORATION  
46-06-03.0 N 88-32-23.0 W 105.370 604.000

W250BO MI STEPHENSON 97.90000 D 27.00 LIC  
Unknown or New CP BLFT-20110919AEO BOARD OF CONTROL, NORTHER MICHIGAN  
UNIVERSITY  
45-25-11.0 N 87-34-38.0 W 53.010 295.000

W249EA WI BARABOO 97.70000 D 250.00 CP  
Unknown or New CP BNPFT-20180508ABQ BARABOO BROADCASTING CORPORATION  
43-30-32.0 N 89-51-09.0 W 88.821 432.000

WZOK IL ROCKFORD 97.50000 B 50000.00 LIC  
Unknown or New CP BLH-20070731ALC TOWNSQUARE MEDIA ROCKFORD LICENSE, LLC  
42-16-45.0 N 89-02-15.0 W 97.668 377.800

W280FO NC WHITEVILLE 103.90000 D 250.00 LIC  
Unknown or New CP BLFT-20180710AAS WTXY RADIO LLC  
34-19-23.0 N 78-42-47.0 W 42.191 64.000

**Exhibit 13 Page 3**  
**VCY America, Inc.**  
**Interference Area**  
**Appleton, WI**

The proposed translator will broadcast on 250, which is within the 60 dBu contour of third adjacent station WQLH on channel 253. The WQLH interfering contour at the translator site is 65.0 dBu F(50,50). Using the ratio of 100:1 (translator to WQLH) on the third adjacent channel, the population within the proposed translator 105.0 dBu contour is zero. Applying the antenna manufacturer's vertical radiation pattern the area of interference is able to be more accurately calculated geometrically than just by using the free space equation alone. This particular antenna is a two bay 0.85 wave spaced Bext TFC2K. It was determined from the manufacturer's vertical plan that from 50 to 65 degrees below horizontal the interference area would reach the ground and extend 45.6 meters horizontally. We have proposed the antenna radiation center will be 53 meters above ground with an Effective Radiated Power of 38 watts. There are no occupied structures or major roadways within the interference area of the translator.

Therefore, the application is in compliance with the following: §74.1204 (d) "The provisions of this section concerning prohibited overlap will not apply where the area of such overlap lies entirely over water. In addition, an application otherwise precluded by this section will be accepted if it can be demonstrated that no actual interference will occur due to intervening terrain, lack of population or such other factors as may be applicable."

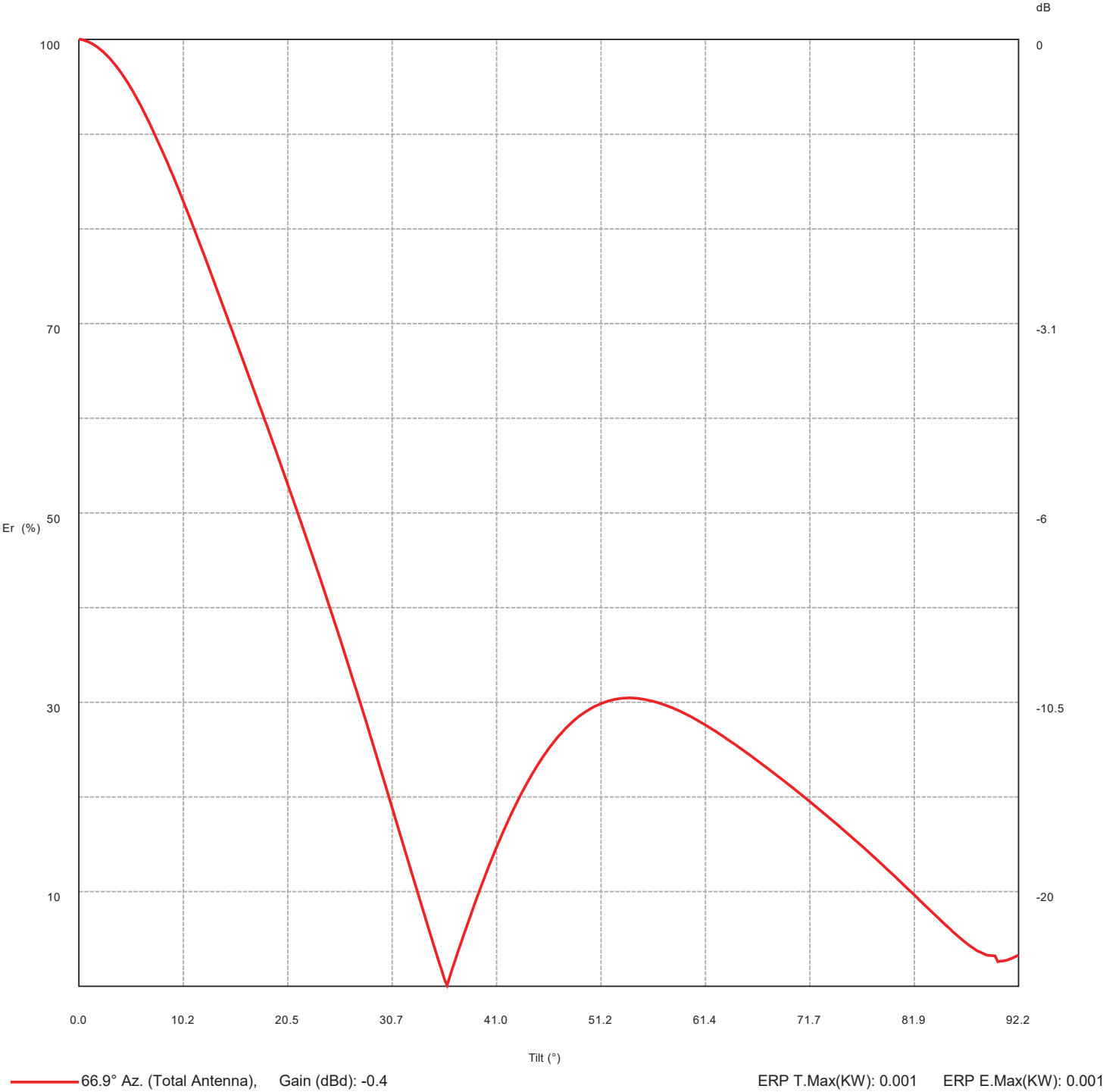


## Exhibit 13 Figure 2

### Minimum Ground Clearance

Depression Angle Below Horizontal	Antenna Relative Field	ERP (Watts)	Distance to interfering Contour from Antenna (m)	Horizontal Distance of Interfering contour from tower (m)	Vertical Clearance of Interfering contour above TGL (m)
5	0.950	34.3	231	230.1	32.9
10	0.836	26.6	203	199.9	17.7
15	0.692	18.2	168	162.3	9.5
20	0.545	11.3	133	125.0	7.5
25	0.386	5.7	94	85.2	13.3
30	0.216	1.8	53	45.9	26.5
35	0.034	0.0	0	0.0	53.0
40	0.122	0.6	31	23.7	33.1
45	0.234	2.1	57	40.3	12.7
50	0.292	3.2	71	45.6	-1.4
55	0.304	3.5	74	42.4	-7.6
60	0.285	3.1	69	34.5	-6.8
65	0.250	2.4	61	25.8	-2.3
70	0.209	1.7	51	17.4	5.1
75	0.165	1.0	39	10.1	15.3
80	0.116	0.5	28	4.9	25.4
85	0.065	0.2	18	1.6	35.1
90	0.029	0.0	0	0.0	53.0
Minimum Clearance above TGL:					-6.8

Vertical diagram at an azimuth of 66.9°



### Vertical diagram at an azimuth of 66.9°

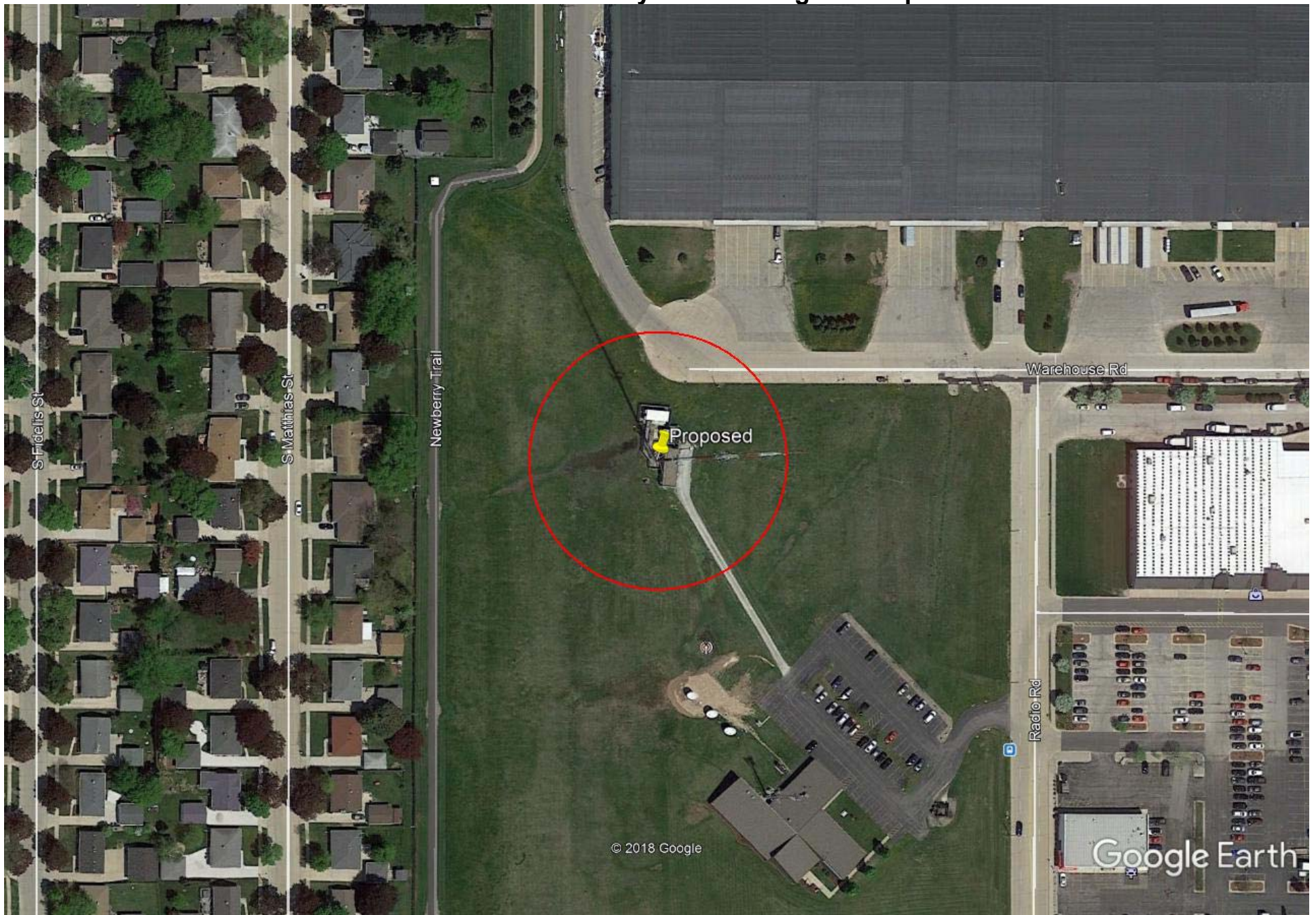
Dep (°)	Er (%)	ERP (W)	Dep (°)	Er (%)	ERP (W)	Dep (°)	Er (%)	ERP (W)
0.0	100.1	0.9	15.4	68.3	0.4	30.7	18.8	0.0
0.3	100.0	0.9	15.6	67.5	0.4	31.0	17.9	0.0
0.5	99.9	0.9	15.9	66.7	0.4	31.2	17.0	0.0
0.8	99.8	0.9	16.1	66.0	0.4	31.5	16.1	0.0
1.0	99.7	0.9	16.4	65.2	0.4	31.7	15.2	0.0
1.3	99.6	0.9	16.6	64.5	0.4	32.0	14.2	0.0
1.5	99.4	0.9	16.9	63.7	0.4	32.3	13.3	0.0
1.8	99.2	0.9	17.2	63.0	0.4	32.5	12.4	0.0
2.0	99.0	0.9	17.4	62.2	0.4	32.8	11.5	0.0
2.3	98.8	0.9	17.7	61.5	0.3	33.0	10.6	0.0
2.6	98.5	0.9	17.9	60.7	0.3	33.3	9.7	0.0
2.8	98.3	0.9	18.2	60.0	0.3	33.5	8.7	0.0
3.1	98.0	0.9	18.4	59.2	0.3	33.8	7.8	0.0
3.3	97.6	0.9	18.7	58.4	0.3	34.0	6.9	0.0
3.6	97.3	0.9	18.9	57.6	0.3	34.3	6.0	0.0
3.8	96.9	0.9	19.2	56.9	0.3	34.6	5.1	0.0
4.1	96.5	0.8	19.5	56.1	0.3	34.8	4.3	0.0
4.4	96.1	0.8	19.7	55.3	0.3	35.1	3.4	0.0
4.6	95.7	0.8	20.0	54.5	0.3	35.3	2.5	0.0
4.9	95.3	0.8	20.2	53.8	0.3	35.6	1.6	0.0
5.1	94.8	0.8	20.5	53.0	0.3	35.8	0.8	0.0
5.4	94.4	0.8	20.7	52.2	0.2	36.1	0.1	0.0
5.6	93.9	0.8	21.0	51.4	0.2	36.4	1.0	0.0
5.9	93.4	0.8	21.2	50.7	0.2	36.6	1.8	0.0
6.1	92.8	0.8	21.5	49.9	0.2	36.9	2.6	0.0
6.4	92.3	0.8	21.8	49.1	0.2	37.1	3.5	0.0
6.7	91.7	0.8	22.0	48.3	0.2	37.4	4.3	0.0
6.9	91.2	0.8	22.3	47.5	0.2	37.6	5.1	0.0
7.2	90.6	0.7	22.5	46.7	0.2	37.9	5.9	0.0
7.4	90.0	0.7	22.8	45.8	0.2	38.1	6.7	0.0
7.7	89.4	0.7	23.0	45.0	0.2	38.4	7.5	0.0
7.9	88.8	0.7	23.3	44.2	0.2	38.7	8.3	0.0
8.2	88.2	0.7	23.6	43.4	0.2	38.9	9.0	0.0
8.4	87.5	0.7	23.8	42.6	0.2	39.2	9.8	0.0
8.7	86.9	0.7	24.1	41.7	0.2	39.4	10.5	0.0
9.0	86.3	0.7	24.3	40.9	0.2	39.7	11.2	0.0
9.2	85.6	0.7	24.6	40.1	0.1	39.9	12.0	0.0
9.5	84.9	0.7	24.8	39.2	0.1	40.2	12.7	0.0
9.7	84.3	0.6	25.1	38.4	0.1	40.4	13.4	0.0
10.0	83.6	0.6	25.3	37.5	0.1	40.7	14.0	0.0
10.2	82.9	0.6	25.6	36.7	0.1	41.0	14.7	0.0
10.5	82.2	0.6	25.9	35.8	0.1	41.2	15.4	0.0
10.8	81.5	0.6	26.1	35.0	0.1	41.5	16.0	0.0
11.0	80.8	0.6	26.4	34.1	0.1	41.7	16.6	0.0
11.3	80.1	0.6	26.6	33.2	0.1	42.0	17.2	0.0
11.5	79.4	0.6	26.9	32.4	0.1	42.2	17.8	0.0
11.8	78.7	0.6	27.1	31.5	0.1	42.5	18.4	0.0
12.0	77.9	0.6	27.4	30.6	0.1	42.8	19.0	0.0
12.3	77.2	0.5	27.6	29.7	0.1	43.0	19.6	0.0
12.5	76.5	0.5	27.9	28.8	0.1	43.3	20.1	0.0
12.8	75.7	0.5	28.2	27.9	0.1	43.5	20.6	0.0
13.1	75.0	0.5	28.4	27.0	0.1	43.8	21.1	0.0
13.3	74.2	0.5	28.7	26.1	0.1	44.0	21.6	0.0
13.6	73.5	0.5	28.9	25.2	0.1	44.3	22.1	0.0
13.8	72.7	0.5	29.2	24.3	0.1	44.5	22.6	0.0
14.1	72.0	0.5	29.4	23.4	0.0	44.8	23.0	0.0
14.3	71.3	0.5	29.7	22.5	0.0	45.1	23.5	0.1
14.6	70.5	0.5	30.0	21.6	0.0	45.3	23.9	0.1
14.8	69.8	0.4	30.2	20.7	0.0	45.6	24.3	0.1
15.1	69.0	0.4	30.5	19.8	0.0	45.8	24.7	0.1

### Vertical diagram at an azimuth of 66.9°

Dep (°)	Er (%)	ERP (W)	Dep (°)	Er (%)	ERP (W)	Dep (°)	Er (%)	ERP (W)
46.1	25.1	0.1	61.4	27.6	0.1	76.8	14.8	0.0
46.3	25.5	0.1	61.7	27.4	0.1	77.1	14.5	0.0
46.6	25.8	0.1	62.0	27.2	0.1	77.3	14.3	0.0
46.8	26.2	0.1	62.2	27.1	0.1	77.6	14.0	0.0
47.1	26.5	0.1	62.5	26.9	0.1	77.8	13.8	0.0
47.4	26.8	0.1	62.7	26.7	0.1	78.1	13.5	0.0
47.6	27.1	0.1	63.0	26.6	0.1	78.3	13.3	0.0
47.9	27.4	0.1	63.2	26.4	0.1	78.6	13.0	0.0
48.1	27.7	0.1	63.5	26.2	0.1	78.8	12.8	0.0
48.4	27.9	0.1	63.7	26.0	0.1	79.1	12.5	0.0
48.6	28.2	0.1	64.0	25.8	0.1	79.4	12.3	0.0
48.9	28.4	0.1	64.3	25.6	0.1	79.6	12.0	0.0
49.2	28.6	0.1	64.5	25.4	0.1	79.9	11.7	0.0
49.4	28.8	0.1	64.8	25.2	0.1	80.1	11.5	0.0
49.7	29.0	0.1	65.0	25.0	0.1	80.4	11.2	0.0
49.9	29.2	0.1	65.3	24.8	0.1	80.6	11.0	0.0
50.2	29.3	0.1	65.5	24.6	0.1	80.9	10.7	0.0
50.4	29.5	0.1	65.8	24.4	0.1	81.2	10.4	0.0
50.7	29.6	0.1	66.0	24.2	0.1	81.4	10.2	0.0
50.9	29.7	0.1	66.3	24.0	0.1	81.7	9.9	0.0
51.2	29.9	0.1	66.6	23.8	0.1	81.9	9.6	0.0
51.5	30.0	0.1	66.8	23.6	0.1	82.2	9.4	0.0
51.7	30.1	0.1	67.1	23.4	0.0	82.4	9.1	0.0
52.0	30.1	0.1	67.3	23.2	0.0	82.7	8.9	0.0
52.2	30.2	0.1	67.6	23.0	0.0	82.9	8.6	0.0
52.5	30.3	0.1	67.8	22.8	0.0	83.2	8.3	0.0
52.7	30.3	0.1	68.1	22.6	0.0	83.5	8.1	0.0
53.0	30.4	0.1	68.4	22.3	0.0	83.7	7.8	0.0
53.2	30.4	0.1	68.6	22.1	0.0	84.0	7.5	0.0
53.5	30.4	0.1	68.9	21.9	0.0	84.2	7.3	0.0
53.8	30.5	0.1	69.1	21.7	0.0	84.5	7.0	0.0
54.0	30.5	0.1	69.4	21.5	0.0	84.7	6.7	0.0
54.3	30.5	0.1	69.6	21.3	0.0	85.0	6.5	0.0
54.5	30.4	0.1	69.9	21.1	0.0	85.2	6.2	0.0
54.8	30.4	0.1	70.1	20.8	0.0	85.5	6.0	0.0
55.0	30.4	0.1	70.4	20.6	0.0	85.8	5.7	0.0
55.3	30.3	0.1	70.7	20.4	0.0	86.0	5.5	0.0
55.6	30.3	0.1	70.9	20.2	0.0	86.3	5.2	0.0
55.8	30.2	0.1	71.2	20.0	0.0	86.5	5.0	0.0
56.1	30.2	0.1	71.4	19.7	0.0	86.8	4.8	0.0
56.3	30.1	0.1	71.7	19.5	0.0	87.0	4.5	0.0
56.6	30.0	0.1	71.9	19.3	0.0	87.3	4.3	0.0
56.8	29.9	0.1	72.2	19.0	0.0	87.6	4.1	0.0
57.1	29.8	0.1	72.4	18.8	0.0	87.8	3.9	0.0
57.3	29.8	0.1	72.7	18.6	0.0	88.1	3.8	0.0
57.6	29.7	0.1	73.0	18.4	0.0	88.3	3.6	0.0
57.9	29.6	0.1	73.2	18.1	0.0	88.6	3.5	0.0
58.1	29.4	0.1	73.5	17.9	0.0	88.8	3.4	0.0
58.4	29.3	0.1	73.7	17.7	0.0	89.1	3.3	0.0
58.6	29.2	0.1	74.0	17.4	0.0	89.3	3.3	0.0
58.9	29.1	0.1	74.2	17.2	0.0	89.6	3.2	0.0
59.1	28.9	0.1	74.5	17.0	0.0	89.9	3.2	0.0
59.4	28.8	0.1	74.8	16.7	0.0	90.1	2.6	0.0
59.6	28.7	0.1	75.0	16.5	0.0	90.4	2.6	0.0
59.9	28.5	0.1	75.3	16.2	0.0	90.6	2.7	0.0
60.2	28.4	0.1	75.5	16.0	0.0	90.9	2.7	0.0
60.4	28.2	0.1	75.8	15.8	0.0	91.1	2.8	0.0
60.7	28.1	0.1	76.0	15.5	0.0	91.4	2.9	0.0
60.9	27.9	0.1	76.3	15.3	0.0	91.6	3.0	0.0
61.2	27.8	0.1	76.5	15.0	0.0	91.9	3.2	0.0



**Exhibit 13 Figure 4**  
**Aerial Photo of the 45.6 Meter Vicinity Surrounding the Proposed Tower Site**





**Exhibit 13 Figure 5**  
**Topographic Map of the 45.6 meter Vicinity Surrounding the Proposed Tower Site**

