

Exhibit 18.5a - Protection Toward WTSU - Montgomery, AL

Scale 1:4,000,000

FMCommander Single Allocation Study - 09-10-2013 - FCC NGDC 30 Sec

WJTF.p's Overlaps (In= 0.47 km, Out= 38.12 km)

WJTF.p CH 210 C1 DA

Lat= 30 19 40.9, Lng= 85 41 22.1

100.0 kW 116 M HAAT, 126 M COR

Prot.= 60 dBu, Intef.= 40 dBu

WTSU CH 210 C1 DA BLED20060508ABN

Lat= 32 03 40.0, Lng= 86 01 19.0

100.0 kW 230 M HAAT, 356 M COR

Prot.= 60 dBu, Intef.= 40 dBu



Exhibit 18.5b - Protection Toward WTSU - Montgomery, AL

Scale 1:500,000

FMCommander Single Allocation Study - 09-10-2013 - FCC NGDC 30 Sec

WJTF.p's Overlaps (In= 0.47 km, Out= 38.12 km)

WJTF.p CH 210 C1 DA

Lat= 30 19 40.9, Lng= 85 41 22.1

100.0 kW 116 M HAAT, 126 M COR

Prot.= 60 dBu, Intef.= 40 dBu

WTSU CH 210 C1 DA BLED20060508ABN

Lat= 32 03 40.0, Lng= 86 01 19.0

100.0 kW 230 M HAAT, 356 M COR

Prot.= 60 dBu, Intef.= 40 dBu

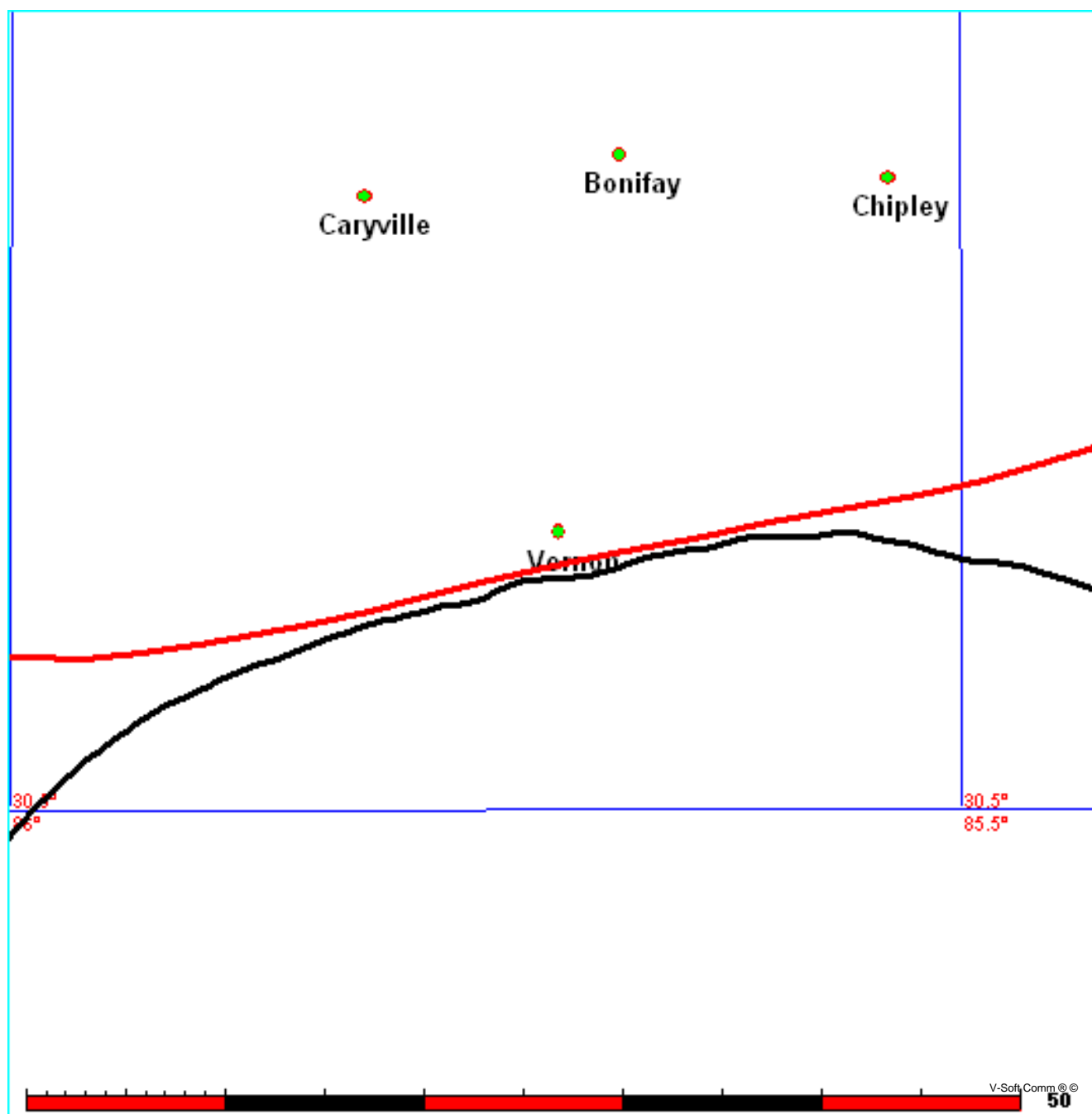


Exhibit 18.5c - FMOver Analysis: WJTF.p - WTSU

Terrain Data: FCC NGDC 30 Sec

09-11-2013

WJTF.p

Channel = 210C1
Max ERP = 100 kW
RCAMSL = 126 M
N. Lat. 30 19 40.9
W. Lng. 85 41 22.1
Protected
60 dBu

WTSU BLED20060508ABN

Channel = 210C1
Max ERP = 100 kW
RCAMSL = 356 M
N. Lat. 32 03 40.0
W. Lng. 86 01 19.0
Interfering
40 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)	IX (km)
291.0	014.2129	0111.8	036.4	180.7	100.0000	0234.9	179.7	37.53	
292.0	013.9129	0111.4	036.2	180.5	100.0000	0235.1	179.2	37.63	
293.0	013.6161	0111.1	036.0	180.4	100.0000	0235.3	178.7	37.73	
294.0	013.3225	0110.8	035.8	180.3	100.0000	0235.6	178.2	37.83	
295.0	013.0321	0110.6	035.6	180.1	100.0000	0235.8	177.7	37.92	
296.0	012.7449	0110.5	035.4	180.0	100.0000	0236.1	177.2	38.02	
297.0	012.4609	0110.5	035.2	179.8	100.0000	0236.3	176.8	38.10	
298.0	012.1801	0110.8	035.0	179.7	100.0000	0236.6	176.3	38.19	
299.0	011.9025	0111.1	034.9	179.6	100.0000	0236.8	175.8	38.28	
300.0	011.6281	0111.3	034.8	179.4	100.0000	0237.1	175.4	38.37	
301.0	011.4989	0111.4	034.7	179.3	100.0000	0237.3	174.9	38.46	
302.0	011.3704	0111.4	034.6	179.2	100.0000	0237.5	174.4	38.54	
303.0	011.2426	0111.4	034.5	179.0	100.0000	0237.7	174.0	38.63	
304.0	011.1156	0111.3	034.4	178.9	100.0000	0238.0	173.5	38.71	
305.0	010.9892	0111.2	034.3	178.8	100.0000	0238.2	173.1	38.79	
306.0	010.8636	0111.0	034.2	178.6	100.0000	0238.5	172.7	38.86	
307.0	010.7387	0110.8	034.1	178.5	100.0000	0238.8	172.3	38.94	
308.0	010.6146	0110.7	033.9	178.3	100.0000	0239.0	171.9	39.01	
309.0	010.4911	0110.5	033.8	178.1	100.0000	0239.2	171.5	39.08	
310.0	010.3684	0110.4	033.7	178.0	100.0000	0239.3	171.1	39.14	
311.0	010.2208	0110.3	033.6	177.8	100.0000	0239.2	170.8	39.20	
312.0	010.0743	0110.2	033.5	177.7	100.0000	0238.9	170.5	39.26	
313.0	009.9288	0110.2	033.4	177.5	100.0000	0238.6	170.1	39.31	
314.0	009.7844	0110.2	033.2	177.3	100.0000	0238.2	169.8	39.36	
315.0	009.6410	0110.3	033.1	177.2	100.0000	0237.8	169.5	39.40	
316.0	009.4987	0110.3	033.0	177.0	100.0000	0237.4	169.2	39.45	
317.0	009.3575	0110.2	032.9	176.8	100.0000	0237.0	168.9	39.49	
318.0	009.2173	0110.0	032.7	176.6	100.0000	0236.6	168.7	39.52	
319.0	009.0782	0109.8	032.6	176.4	100.0000	0236.2	168.4	39.55	
320.0	008.9401	0109.5	032.4	176.3	100.0000	0235.7	168.2	39.58	
321.0	008.8031	0109.1	032.3	176.1	100.0000	0235.3	168.0	39.61	
322.0	008.6671	0109.0	032.1	175.9	100.0000	0234.8	167.8	39.63	
323.0	008.5322	0109.1	032.0	175.7	100.0000	0234.4	167.6	39.66	
324.0	008.3984	0109.4	031.9	175.5	100.0000	0233.9	167.4	39.69	
325.0	008.2656	0109.3	031.8	175.3	100.0000	0233.5	167.2	39.72	
326.0	008.1339	0109.1	031.6	175.1	100.0000	0233.0	167.1	39.73	

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
327.0	008.0032	0108.9	031.5	175.0	100.0000	0232.6	166.9	39.74
328.0	007.8736	0108.7	031.3	174.8	100.0000	0232.2	166.8	39.76
329.0	007.7451	0108.7	031.2	174.6	100.0000	0231.8	166.7	39.78
330.0	007.6176	0108.8	031.1	174.4	100.0000	0231.4	166.5	39.79
331.0	007.5570	0108.9	031.1	174.2	100.0000	0231.1	166.4	39.81
332.0	007.4966	0108.9	031.0	174.0	100.0000	0230.6	166.2	39.83
333.0	007.4365	0108.9	030.9	173.9	100.0000	0230.2	166.1	39.85
334.0	007.3767	0108.7	030.9	173.7	100.0000	0229.7	166.0	39.86
335.0	007.3170	0108.6	030.8	173.5	100.0000	0229.2	165.8	39.87
336.0	007.2576	0108.6	030.7	173.3	100.0000	0228.7	165.7	39.88
337.0	007.1985	0108.8	030.7	173.1	100.0000	0228.1	165.6	39.89
338.0	007.1396	0108.9	030.6	172.9	100.0000	0227.6	165.5	39.90
339.0	007.0809	0108.8	030.6	172.8	100.0000	0227.0	165.4	39.90
340.0	007.0225	0108.5	030.5	172.6	100.0000	0226.4	165.4	39.89
341.0	007.0596	0107.9	030.4	172.4	100.0000	0225.8	165.3	39.89
342.0	007.0969	0107.3	030.4	172.2	100.0000	0225.2	165.3	39.89
343.0	007.1342	0106.9	030.4	172.0	100.0000	0224.6	165.2	39.89
344.0	007.1717	0106.5	030.4	171.8	100.0000	0224.0	165.2	39.89
345.0	007.2092	0105.9	030.3	171.7	100.0000	0223.5	165.1	39.88
346.0	007.2469	0105.0	030.2	171.5	100.0000	0222.9	165.2	39.87
347.0	007.2846	0104.2	030.1	171.3	100.0000	0222.3	165.2	39.85
348.0	007.3224	0104.2	030.2	171.1	100.0000	0221.8	165.1	39.86
349.0	007.3604	0104.8	030.3	170.9	100.0000	0221.3	165.0	39.87
350.0	007.3984	0105.6	030.4	170.7	100.0000	0220.8	164.8	39.89
351.0	007.4693	0106.1	030.6	170.6	100.0000	0220.4	164.7	39.91
352.0	007.5405	0106.4	030.7	170.4	100.0000	0220.1	164.6	39.92
353.0	007.6121	0106.3	030.8	170.2	100.0000	0219.8	164.5	39.92
354.0	007.6840	0105.6	030.7	170.0	100.0000	0219.6	164.6	39.90
355.0	007.7562	0105.0	030.7	169.8	100.0000	0219.4	164.6	39.89
356.0	007.8288	0104.5	030.7	169.6	100.0000	0219.2	164.7	39.88
357.0	007.9017	0104.1	030.7	169.4	100.0000	0219.2	164.8	39.87
358.0	007.9750	0103.7	030.7	169.2	100.0000	0219.1	164.8	39.85
359.0	008.0486	0103.6	030.8	169.1	100.0000	0219.1	164.9	39.85
000.0	008.1225	0104.2	030.9	168.9	100.0000	0219.2	164.8	39.86
001.0	008.2197	0104.8	031.1	168.7	100.0000	0219.2	164.7	39.87
002.0	008.3175	0105.4	031.3	168.5	100.0000	0219.3	164.7	39.88
003.0	008.4158	0106.3	031.5	168.3	100.0000	0219.4	164.6	39.90
004.0	008.5147	0107.2	031.7	168.1	100.0000	0219.5	164.6	39.91
005.0	008.6142	0107.9	031.9	167.9	100.0000	0219.6	164.5	39.92
006.0	008.7143	0108.4	032.1	167.7	100.0000	0219.7	164.5	39.92
007.0	008.8150	0108.9	032.2	167.5	100.0000	0219.8	164.6	39.91
008.0	008.9162	0109.3	032.4	167.3	100.0000	0219.9	164.6	39.91
009.0	009.0180	0109.6	032.5	167.1	100.0000	0220.0	164.7	39.89
010.0	009.1204	0110.0	032.7	166.9	100.0000	0220.1	164.8	39.88
011.0	009.4495	0110.3	033.0	166.6	100.0000	0220.2	164.7	39.89
012.0	009.7844	0110.6	033.3	166.4	100.0000	0220.4	164.7	39.91
013.0	010.1251	0110.4	033.5	166.2	100.0000	0220.5	164.7	39.90
014.0	010.4717	0109.8	033.7	166.0	100.0000	0220.7	164.8	39.89
015.0	010.8241	0108.8	033.8	165.8	100.0000	0220.9	165.0	39.86
016.0	011.1823	0107.9	034.0	165.6	100.0000	0221.2	165.2	39.83
017.0	011.5464	0107.5	034.2	165.4	100.0000	0221.5	165.3	39.82

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
018.0	011.9163	0107.6	034.4	165.1	100.0000	0222.0	165.4	39.81
019.0	012.2920	0107.9	034.7	164.9	100.0000	0222.6	165.5	39.80
020.0	012.6736	0108.1	035.0	164.7	100.0000	0223.1	165.6	39.79
021.0	013.0321	0108.0	035.2	164.5	100.0000	0223.7	165.8	39.77
022.0	013.3956	0107.5	035.3	164.3	100.0000	0224.2	166.1	39.73
023.0	013.7641	0106.7	035.4	164.1	100.0000	0224.8	166.4	39.69
024.0	014.1376	0106.1	035.5	163.9	100.0000	0225.3	166.7	39.65
025.0	014.5161	0105.9	035.7	163.7	100.0000	0225.9	167.0	39.61
026.0	014.8996	0105.7	035.9	163.5	100.0000	0226.5	167.2	39.58
027.0	015.2881	0105.2	036.0	163.3	100.0000	0227.0	167.6	39.53
028.0	015.6816	0104.5	036.1	163.1	100.0000	0227.6	167.9	39.48
029.0	016.0801	0104.2	036.3	162.9	100.0000	0228.1	168.3	39.43
030.0	016.4836	0104.2	036.4	162.7	100.0000	0228.6	168.6	39.38
031.0	016.9579	0104.5	036.7	162.5	100.0000	0229.1	168.9	39.34
032.0	017.4390	0105.0	037.0	162.3	100.0000	0229.6	169.2	39.30
033.0	017.9268	0105.6	037.3	162.1	100.0000	0230.0	169.5	39.26
034.0	018.4213	0106.1	037.6	161.9	100.0000	0230.4	169.8	39.20
035.0	018.9225	0106.3	037.9	161.7	100.0000	0230.7	170.2	39.15
036.0	019.4305	0106.5	038.1	161.5	100.0000	0231.0	170.6	39.08
037.0	019.9452	0106.7	038.3	161.3	100.0000	0231.2	171.0	39.02
038.0	020.4666	0106.8	038.6	161.1	100.0000	0231.4	171.4	38.95
039.0	020.9947	0106.9	038.8	160.9	100.0000	0231.6	171.9	38.87
040.0	021.5296	0106.9	039.0	160.7	100.0000	0231.7	172.4	38.79
041.0	021.9961	0106.7	039.1	160.6	100.0000	0231.8	172.9	38.70
042.0	022.4676	0106.3	039.2	160.4	100.0000	0231.8	173.4	38.61
043.0	022.9441	0105.9	039.3	160.3	100.0000	0231.9	174.0	38.51
044.0	023.4256	0105.8	039.5	160.1	100.0000	0231.9	174.5	38.42
045.0	023.9121	0106.1	039.7	160.0	100.0000	0231.9	175.0	38.32
046.0	024.4036	0106.6	039.9	159.8	100.0000	0231.9	175.6	38.23
047.0	024.9001	0107.1	040.2	159.7	100.0000	0232.0	176.1	38.13
048.0	025.4016	0107.5	040.4	159.5	100.0000	0232.0	176.7	38.03
049.0	025.9081	0108.1	040.6	159.4	100.0000	0232.0	177.3	37.93
050.0	026.4196	0108.5	040.9	159.2	100.0000	0232.0	177.9	37.82

09-11-2013

Terrain Data: FCC NGDC 30 Sec

FMOver Analysis

WTSU BLED20060508ABN

WJTF.p

Channel = 210C1

Max ERP = 100 kW

RCAMSL = 356 M

N. Lat. 32 03 40.0

W. Lng. 86 01 19.0

Protected

60 dBu

Channel = 210C1

Max ERP = 100 kW

RCAMSL = 126 M

N. Lat. 30 19 40.9

W. Lng. 85 41 22.1

Interfering

40 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)	IX (km)
111.0	100.0000	0215.6	065.3	009.9	009.1106	0110.0	171.7	25.49	
112.0	100.0000	0216.7	065.4	009.9	009.1061	0110.0	170.6	25.70	
113.0	100.0000	0217.6	065.4	009.8	009.0999	0110.0	169.4	25.90	
114.0	100.0000	0218.3	065.5	009.7	009.0926	0109.9	168.3	26.10	
115.0	100.0000	0219.1	065.6	009.7	009.0847	0109.9	167.2	26.29	
116.0	100.0000	0219.9	065.7	009.6	009.0761	0109.9	166.1	26.49	
117.0	100.0000	0220.8	065.7	009.5	009.0667	0109.8	165.0	26.69	
118.0	100.0000	0221.5	065.8	009.4	009.0561	0109.8	163.8	26.88	
119.0	100.0000	0222.1	065.9	009.3	009.0443	0109.7	162.7	27.07	
120.0	100.0000	0222.6	065.9	009.1	009.0311	0109.7	161.7	27.26	
121.0	100.0000	0222.9	065.9	009.0	009.0167	0109.6	160.6	27.45	
122.0	100.0000	0223.4	066.0	008.8	009.0019	0109.6	159.5	27.63	
123.0	100.0000	0224.1	066.0	008.7	008.9868	0109.5	158.4	27.81	
124.0	100.0000	0225.0	066.1	008.5	008.9717	0109.5	157.3	27.99	
125.0	100.0000	0226.1	066.2	008.4	008.9558	0109.4	156.3	28.16	
126.0	100.0000	0227.0	066.3	008.2	008.9387	0109.4	155.2	28.32	
127.0	100.0000	0227.6	066.4	008.0	008.9196	0109.3	154.2	28.48	
128.0	100.0000	0228.1	066.4	007.8	008.8993	0109.2	153.1	28.64	
129.0	100.0000	0228.6	066.4	007.6	008.8779	0109.2	152.1	28.79	
130.0	100.0000	0229.0	066.5	007.4	008.8555	0109.1	151.1	28.95	
131.0	100.0000	0229.3	066.5	007.2	008.8317	0109.0	150.1	29.09	
132.0	100.0000	0229.5	066.5	006.9	008.8068	0108.9	149.2	29.24	
133.0	100.0000	0229.7	066.5	006.7	008.7809	0108.7	148.2	29.38	
134.0	100.0000	0229.7	066.5	006.4	008.7537	0108.6	147.3	29.52	
135.0	100.0000	0229.6	066.5	006.1	008.7250	0108.5	146.4	29.66	
136.0	100.0000	0229.3	066.5	005.8	008.6949	0108.4	145.5	29.80	
137.0	100.0000	0229.0	066.5	005.5	008.6641	0108.2	144.6	29.93	
138.0	100.0000	0229.0	066.5	005.2	008.6331	0108.0	143.8	30.07	
139.0	100.0000	0229.4	066.5	004.9	008.6020	0107.8	142.9	30.20	
140.0	100.0000	0229.9	066.5	004.6	008.5704	0107.6	142.1	30.34	
141.0	100.0000	0230.1	066.6	004.2	008.5373	0107.3	141.3	30.47	
142.0	100.0000	0229.9	066.6	003.9	008.5022	0107.1	140.5	30.59	
143.0	100.0000	0229.6	066.5	003.5	008.4659	0106.8	139.7	30.71	

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
144.0	100.0000	0229.7	066.5	003.1	008.4298	0106.4	139.0	30.83
145.0	100.0000	0230.3	066.6	002.8	008.3940	0106.1	138.2	30.95
146.0	100.0000	0230.8	066.6	002.4	008.3569	0105.8	137.5	31.06
147.0	100.0000	0230.8	066.6	002.0	008.3183	0105.4	136.8	31.16
148.0	100.0000	0230.6	066.6	001.6	008.2781	0105.2	136.2	31.26
149.0	100.0000	0230.2	066.6	001.2	008.2371	0104.9	135.6	31.35
150.0	100.0000	0229.8	066.5	000.8	008.1954	0104.7	135.0	31.43
151.0	100.0000	0229.4	066.5	000.3	008.1531	0104.4	134.5	31.51
152.0	100.0000	0229.3	066.5	359.9	008.1135	0104.1	133.9	31.58
153.0	100.0000	0229.5	066.5	359.4	008.0809	0103.9	133.4	31.66
154.0	100.0000	0229.5	066.5	359.0	008.0476	0103.6	132.9	31.74
155.0	100.0000	0229.5	066.5	358.5	008.0138	0103.6	132.4	31.81
156.0	100.0000	0229.9	066.6	358.1	007.9801	0103.7	131.9	31.89
157.0	100.0000	0230.8	066.6	357.6	007.9464	0103.8	131.4	31.97
158.0	100.0000	0231.6	066.7	357.1	007.9121	0104.0	131.0	32.04
159.0	100.0000	0231.9	066.7	356.7	007.8770	0104.2	130.6	32.10
160.0	100.0000	0231.9	066.7	356.2	007.8413	0104.4	130.2	32.15
161.0	100.0000	0231.5	066.7	355.7	007.8050	0104.7	130.0	32.19
162.0	100.0000	0230.2	066.6	355.2	007.7680	0105.0	129.8	32.21
163.0	100.0000	0227.9	066.4	354.6	007.7304	0105.2	129.8	32.21
164.0	100.0000	0225.0	066.1	354.1	007.6927	0105.5	129.8	32.19
165.0	100.0000	0222.3	065.9	353.6	007.6553	0105.8	129.9	32.17
166.0	100.0000	0220.6	065.7	353.1	007.6186	0106.2	129.9	32.16
167.0	100.0000	0220.0	065.7	352.6	007.5823	0106.5	129.8	32.16
168.0	100.0000	0219.5	065.6	352.1	007.5461	0106.4	129.7	32.15
169.0	100.0000	0219.1	065.6	351.6	007.5101	0106.3	129.7	32.13
170.0	100.0000	0219.6	065.6	351.1	007.4741	0106.1	129.6	32.11
171.0	100.0000	0221.5	065.8	350.6	007.4381	0106.0	129.5	32.12
172.0	100.0000	0224.6	066.1	350.0	007.4018	0105.6	129.2	32.14
173.0	100.0000	0227.8	066.4	349.5	007.3805	0105.2	129.0	32.15
174.0	100.0000	0230.6	066.6	349.0	007.3606	0104.8	128.8	32.16
175.0	100.0000	0232.7	066.8	348.5	007.3407	0104.5	128.8	32.15
176.0	100.0000	0235.1	067.0	348.0	007.3208	0104.2	128.7	32.14
177.0	100.0000	0237.5	067.2	347.4	007.3007	0104.1	128.7	32.13
178.0	100.0000	0239.3	067.4	346.9	007.2808	0104.2	128.8	32.11
179.0	100.0000	0237.8	067.2	346.4	007.2620	0104.6	129.1	32.04
180.0	100.0000	0236.0	067.1	345.9	007.2435	0105.0	129.5	31.96
181.0	100.0000	0234.3	066.9	345.4	007.2254	0105.5	130.0	31.88
182.0	100.0000	0233.9	066.9	344.9	007.2070	0105.9	130.4	31.81
183.0	100.0000	0233.5	066.9	344.5	007.1889	0106.3	130.8	31.74
184.0	100.0000	0232.9	066.8	344.0	007.1711	0106.5	131.2	31.65
185.0	100.0000	0232.2	066.8	343.5	007.1537	0106.7	131.7	31.56
186.0	100.0000	0231.3	066.7	343.1	007.1367	0106.9	132.2	31.45
187.0	100.0000	0230.2	066.6	342.6	007.1201	0107.0	132.7	31.34
188.0	100.0000	0229.0	066.5	342.2	007.1040	0107.2	133.3	31.22
189.0	100.0000	0227.1	066.3	341.8	007.0886	0107.5	134.0	31.08
190.0	100.0000	0224.9	066.1	341.4	007.0739	0107.7	134.7	30.94
191.0	100.0000	0222.3	065.9	341.0	007.0598	0107.9	135.5	30.79
192.0	100.0000	0221.0	065.8	340.6	007.0453	0108.2	136.2	30.65
193.0	100.0000	0220.5	065.7	340.2	007.0305	0108.4	136.8	30.52
194.0	100.0000	0220.9	065.7	339.8	007.0335	0108.6	137.4	30.41

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
195.0	100.0000	0222.5	065.9	339.4	007.0584	0108.7	138.0	30.32
196.0	100.0000	0224.6	066.1	339.0	007.0837	0108.9	138.5	30.24
197.0	100.0000	0226.6	066.3	338.5	007.1084	0108.9	139.1	30.14
198.0	100.0000	0228.0	066.4	338.1	007.1319	0108.9	139.7	30.04
199.0	100.0000	0228.7	066.4	337.8	007.1539	0108.9	140.4	29.91
200.0	100.0000	0228.2	066.4	337.4	007.1738	0108.9	141.2	29.77
201.0	100.0000	0227.6	066.3	337.1	007.1930	0108.8	142.1	29.62
202.0	100.0000	0227.6	066.3	336.8	007.2125	0108.8	142.9	29.47
203.0	100.0000	0229.0	066.5	336.4	007.2337	0108.7	143.6	29.35
204.0	100.0000	0231.0	066.7	336.0	007.2553	0108.6	144.4	29.22
205.0	100.0000	0232.5	066.8	335.7	007.2756	0108.6	145.2	29.09
206.0	100.0000	0233.4	066.9	335.4	007.2944	0108.6	146.0	28.95
207.0	100.0000	0234.0	066.9	335.1	007.3123	0108.6	146.9	28.81
208.0	100.0000	0234.4	066.9	334.8	007.3293	0108.6	147.8	28.66
209.0	100.0000	0234.7	067.0	334.5	007.3456	0108.7	148.7	28.52
210.0	100.0000	0235.1	067.0	334.3	007.3615	0108.7	149.7	28.37
211.0	100.0000	0236.1	067.1	334.0	007.3778	0108.7	150.6	28.23
212.0	100.0000	0237.9	067.2	333.7	007.3949	0108.8	151.5	28.09
213.0	100.0000	0240.1	067.4	333.4	007.4120	0108.8	152.4	27.95
214.0	100.0000	0241.8	067.6	333.1	007.4278	0108.8	153.4	27.80
215.0	100.0000	0242.4	067.6	332.9	007.4413	0108.9	154.4	27.65
216.0	100.0000	0242.1	067.6	332.7	007.4528	0108.9	155.4	27.48
217.0	100.0000	0241.4	067.5	332.6	007.4631	0108.9	156.5	27.30
218.0	100.0000	0240.7	067.5	332.4	007.4728	0108.9	157.6	27.13
219.0	100.0000	0240.1	067.4	332.2	007.4822	0108.9	158.7	26.94
220.0	100.0000	0239.5	067.4	332.1	007.4909	0108.9	159.8	26.76
221.0	100.0000	0238.5	067.3	332.0	007.4984	0108.9	161.0	26.56
222.0	100.0000	0237.3	067.2	331.9	007.5050	0108.9	162.1	26.36
223.0	100.0000	0235.9	067.1	331.8	007.5107	0108.9	163.2	26.15
224.0	100.0000	0234.5	067.0	331.7	007.5160	0108.9	164.4	25.95
225.0	100.0000	0233.2	066.8	331.6	007.5210	0108.9	165.5	25.74
226.0	100.0000	0232.0	066.7	331.5	007.5256	0108.9	166.7	25.54
227.0	100.0000	0231.0	066.6	331.4	007.5299	0108.9	167.8	25.33
228.0	100.0000	0230.1	066.6	331.4	007.5341	0108.9	169.0	25.13
229.0	100.0000	0229.3	066.5	331.3	007.5379	0108.9	170.1	24.92
230.0	100.0000	0228.7	066.5	331.3	007.5416	0108.9	171.3	24.72