



June 3, 2011

TECHNICAL EXHIBIT

Emmis Radio License, LLC ("Licensee"), licensee of WKQX(FM) ("Station"), Chicago (Facility ID No. 19525), seeks to increase its FM digital effective radiated power to the maximum permissible level of ten percent of the station's authorized FM analog effective radiated power in accordance with MM Docket No. 99-235 ("The Order").

In the event of interference, questions should be directed to the Licensee's local technical representative, Mr. Patrick Berger at (312) 245-1237.

The station will operate separate high-level combined transmitters into a single antenna with the following transmitter output power:

- Analog transmitter output power: 7.8kW
- Digital transmitter output power: 1.55kW

Licensee hereby certifies that the WKQX (FM) maximum analog effective radiated power of 5.7kW has remained unchanged since commencement of digital operations. The digital effective radiated power will be 0.57kW.

Licensee hereby certifies that except for the power increase, its facilities confirm to the specifications set forth in Appendix B of the First Report and Order in MM Docket No. 99-325.

Licensee hereby certifies that WKQX's digital effective radiated power increase will not interfere with first-adjacent analog stations pursuant to the interference formula established in the Order. The formula is based on the field strength of the "interfering" FM station's analog signal along the protected 60 dBu analog service contour of a potentially affected first-adjacent channel FM station. The licensee of a digital station desiring to increase digital ERP in excess of -14dBc must first calculate its station's analog F(50,10) field strength at all points on the protected 60 dBu F(50,50) contour of a potentially affected first-adjacent channel analog FM station. The following table is used to determine the proponent station's maximum permissible digital ERP.

Proponent analog F(50,10) field Strength at Protected analog 60 dBu F(50,50) Contour	Maximum Permissible Digital ERP
51.2 dBu and above	-14dBc
50.7 dBu – 51.1 dBu	-13 dBc
50.3 dBu – 50.6 dBu	-12 dBc
49.6 dBu – 50.2 dBu	-11 dBc
49.5 dBu or less	-10 dBc

The following pages contain an analysis for WKQX, Ch. 266B, Chicago, IL for the purpose of showing the eligibility to increase the station's FM digital effective radiated power to the maximum permissible level of ten percent of the authorized FM analog effective radiated power. This study, performed on 06-03-2011 using V-Soft FM Commander software with an FCC database of 06-02-2011 shows that WKQX will not cause interference to any authorized full-service first-adjacent station. Under the guidelines of the Order WKQX qualifies for full -10 dBc digital ERP operations.

Jake Robinson
Director of Engineering and IT
Emmis Communications

Current Spacings to First Adjacent Stations
WKQX - CH. 266B

REFERENCE		DISPLAY DATES
41 53 56.0 N.	CLASS = B Int = B	DATA 06-02-11
87 37 23.0 W.	Current Spacings to 1st Adj.	SEARCH 06-03-11
----- Channel 266 - 101.1 MHz -----		

Call	Channel	Location	Azi	Dist	FCC	Margin
WKQX	LIC 266B	Chicago	IL 0.0	0.0	240.5	-240.5
WQFL	LIC-Z 265A	Rockford	IL 292.8	124.1	112.5	11.6
WBZG	LIC 265A	Peru	IL 244.2	149.9	112.5	37.4
WBAA-FM	LIC-N 267B1	West Lafayette	IN 161.0	187.9	144.5	43.4
WHPO	LIC 265A	Hoopeston	IL 182.2	158.1	112.5	45.6

06-03-2011 Terrain Data

WQFL BMLD20110421ABV

Channel = 265A
Max ERP = 2.7 kW
RCAMSL = 396 M
N. Lat. 42 19 20.0
W. Lng. 89 00 41.0
Protected
60 dBu

WKQX

Channel = 266B
Max ERP = 5.7 kW
RCAMSL = 606 M
N. Lat. 41 53 56.0
W. Lng. 87 37 23.0
Interfering
54 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)	IX (km)
052.0	000.9655	0122.5	020.4	301.6	005.7000	0423.1	115.3	43.02	
053.0	000.9623	0122.1	020.4	301.5	005.7000	0423.0	114.9	43.10	
054.0	000.9591	0121.8	020.3	301.5	005.7000	0423.0	114.6	43.18	
055.0	000.9559	0121.5	020.3	301.4	005.7000	0423.0	114.3	43.26	
056.0	000.9527	0121.3	020.3	301.3	005.7000	0423.0	114.0	43.34	
057.0	000.9495	0121.0	020.2	301.2	005.7000	0422.9	113.7	43.41	
058.0	000.9463	0120.7	020.2	301.1	005.7000	0422.9	113.4	43.49	
059.0	000.9431	0120.4	020.1	301.0	005.7000	0422.9	113.1	43.56	
060.0	000.9399	0120.2	020.1	300.9	005.7000	0422.9	112.8	43.64	
061.0	000.9367	0120.1	020.1	300.8	005.7000	0422.8	112.5	43.71	
062.0	000.9335	0120.2	020.1	300.7	005.7000	0422.8	112.2	43.79	
063.0	000.9303	0120.4	020.1	300.6	005.7000	0422.8	112.0	43.86	
064.0	000.9272	0120.4	020.1	300.5	005.7000	0422.8	111.7	43.93	
065.0	000.9240	0120.2	020.0	300.4	005.7000	0422.7	111.4	44.00	
066.0	000.9209	0119.9	020.0	300.2	005.7000	0422.7	111.1	44.07	
067.0	000.9177	0119.7	020.0	300.1	005.7000	0422.6	110.9	44.13	
068.0	000.9146	0119.5	019.9	300.0	005.7000	0422.6	110.6	44.20	
069.0	000.9114	0119.6	019.9	299.9	005.7000	0422.6	110.4	44.26	
070.0	000.9083	0119.7	019.9	299.7	005.7000	0422.5	110.1	44.33	
071.0	000.9177	0119.6	019.9	299.6	005.7000	0422.5	109.8	44.40	
072.0	000.9272	0119.6	020.0	299.5	005.7000	0422.4	109.5	44.48	
073.0	000.9367	0119.6	020.1	299.4	005.7000	0422.4	109.3	44.55	
074.0	000.9463	0119.9	020.1	299.3	005.7000	0422.4	109.0	44.63	
075.0	000.9559	0120.3	020.2	299.2	005.7000	0422.3	108.7	44.71	
076.0	000.9655	0120.9	020.3	299.1	005.7000	0422.3	108.3	44.79	
077.0	000.9752	0121.6	020.4	299.0	005.7000	0422.2	108.0	44.87	
078.0	000.9850	0122.3	020.5	298.9	005.7000	0422.2	107.7	44.95	
079.0	000.9948	0123.3	020.6	298.8	005.7000	0422.1	107.4	45.03	
080.0	001.0047	0124.3	020.8	298.7	005.7000	0422.1	107.1	45.12	
081.0	001.0179	0125.5	020.9	298.6	005.7000	0422.0	106.7	45.21	
082.0	001.0312	0126.9	021.1	298.5	005.7000	0422.0	106.4	45.30	
083.0	001.0446	0128.0	021.2	298.4	005.7000	0421.9	106.1	45.39	
084.0	001.0581	0129.2	021.4	298.2	005.7000	0421.9	105.7	45.48	
085.0	001.0716	0130.1	021.5	298.1	005.7000	0421.8	105.4	45.56	

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBU)
086.0	001.0853	0130.8	021.6	298.0	005.7000	0421.8	105.1	45.64
087.0	001.0990	0131.4	021.7	297.8	005.7000	0421.7	104.8	45.71
088.0	001.1128	0132.1	021.9	297.7	005.7000	0421.6	104.5	45.79
089.0	001.1268	0133.1	022.0	297.5	005.7000	0421.6	104.2	45.87
090.0	001.1407	0134.1	022.1	297.4	005.7000	0421.5	103.9	45.95
091.0	001.1940	0135.1	022.4	297.2	005.7000	0421.4	103.5	46.07
092.0	001.2485	0136.1	022.7	297.1	005.7000	0421.4	103.1	46.19
093.0	001.3042	0137.2	023.0	297.0	005.7000	0421.3	102.6	46.31
094.0	001.3611	0137.9	023.3	296.8	005.7000	0421.3	102.2	46.42
095.0	001.4192	0138.6	023.6	296.7	005.7000	0421.2	101.8	46.53
096.0	001.4785	0139.4	023.9	296.5	005.7000	0421.1	101.4	46.64
097.0	001.5391	0140.3	024.2	296.3	005.7000	0421.1	101.0	46.75
098.0	001.6008	0141.4	024.5	296.2	005.7000	0421.0	100.6	46.87
099.0	001.6638	0142.7	024.8	296.0	005.7000	0421.0	100.2	46.98
100.0	001.7280	0143.6	025.1	295.8	005.7000	0420.9	099.8	47.09
101.0	001.7934	0144.2	025.3	295.6	005.7000	0420.9	099.4	47.19
102.0	001.8600	0144.5	025.5	295.3	005.7000	0420.9	099.1	47.28
103.0	001.9279	0144.8	025.8	295.1	005.7000	0420.8	098.8	47.37
104.0	001.9969	0145.0	026.0	294.9	005.7000	0420.8	098.5	47.45
105.0	002.0672	0145.4	026.2	294.6	005.7000	0420.7	098.2	47.54
106.0	002.1387	0145.8	026.4	294.4	005.7000	0420.7	097.9	47.62
107.0	002.2114	0146.1	026.7	294.1	005.7000	0420.7	097.6	47.70
108.0	002.2853	0146.4	026.9	293.9	005.7000	0420.7	097.4	47.78
109.0	002.3604	0147.0	027.1	293.6	005.7000	0420.7	097.1	47.86
110.0	002.4367	0147.7	027.4	293.3	005.7000	0420.7	096.8	47.94
111.0	002.4573	0148.6	027.5	293.0	005.7000	0420.7	096.7	47.98
112.0	002.4780	0149.5	027.6	292.8	005.7000	0420.7	096.5	48.01
113.0	002.4987	0150.3	027.7	292.5	005.7000	0420.6	096.4	48.05
114.0	002.5195	0150.8	027.8	292.2	005.7000	0420.6	096.3	48.07
115.0	002.5404	0151.2	027.9	291.9	005.7000	0420.6	096.3	48.08
116.0	002.5720	0151.6	028.0	291.6	005.7000	0420.6	096.2	48.10
117.0	002.6037	0152.0	028.1	291.3	005.7000	0420.5	096.2	48.12
118.0	002.6356	0152.3	028.2	291.0	005.7000	0420.5	096.1	48.13
119.0	002.6677	0152.7	028.4	290.7	005.7000	0420.5	096.1	48.14
120.0	002.7000	0153.1	028.5	290.4	005.7000	0420.4	096.1	48.15
121.0	002.7000	0153.5	028.5	290.1	005.7000	0420.4	096.1	48.13
122.0	002.7000	0153.9	028.5	289.8	005.7000	0420.3	096.2	48.11
123.0	002.7000	0154.4	028.6	289.5	005.7000	0420.3	096.3	48.08
124.0	002.7000	0154.9	028.6	289.2	005.7000	0420.3	096.4	48.05
125.0	002.7000	0155.5	028.7	288.9	005.7000	0420.2	096.5	48.03
126.0	002.7000	0156.0	028.7	288.6	005.7000	0420.2	096.6	47.99
127.0	002.7000	0156.4	028.7	288.3	005.7000	0420.2	096.7	47.96
128.0	002.7000	0156.5	028.8	288.1	005.7000	0420.2	096.9	47.91
129.0	002.7000	0156.6	028.8	287.8	005.7000	0420.2	097.0	47.86
130.0	002.7000	0156.6	028.8	287.5	005.7000	0420.2	097.2	47.80
131.0	002.7000	0156.6	028.8	287.2	005.7000	0420.2	097.4	47.74
132.0	002.7000	0156.5	028.8	287.0	005.7000	0420.2	097.6	47.68
133.0	002.7000	0156.3	028.7	286.7	005.7000	0420.3	097.9	47.61
134.0	002.7000	0156.0	028.7	286.5	005.7000	0420.3	098.1	47.54
135.0	002.7000	0155.7	028.7	286.2	005.7000	0420.3	098.4	47.46
136.0	002.7000	0155.5	028.7	286.0	005.7000	0420.3	098.7	47.38

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
137.0	002.7000	0155.5	028.7	285.7	005.7000	0420.3	098.9	47.31
138.0	002.7000	0155.6	028.7	285.5	005.7000	0420.3	099.2	47.23
139.0	002.7000	0155.9	028.7	285.2	005.7000	0420.3	099.5	47.16
140.0	002.7000	0156.3	028.7	285.0	005.7000	0420.3	099.7	47.09
141.0	002.7000	0156.8	028.8	284.7	005.7000	0420.3	100.0	47.01
142.0	002.7000	0157.3	028.8	284.5	005.7000	0420.3	100.3	46.93
143.0	002.7000	0157.8	028.9	284.2	005.7000	0420.3	100.5	46.85
144.0	002.7000	0158.2	028.9	284.0	005.7000	0420.3	100.8	46.77
145.0	002.7000	0158.5	028.9	283.8	005.7000	0420.3	101.2	46.68
146.0	002.7000	0158.7	028.9	283.6	005.7000	0420.2	101.5	46.59
147.0	002.7000	0158.6	028.9	283.4	005.7000	0420.2	101.8	46.49
148.0	002.7000	0158.4	028.9	283.2	005.7000	0420.2	102.2	46.38
149.0	002.7000	0158.2	028.9	283.0	005.7000	0420.2	102.6	46.28
150.0	002.7000	0158.2	028.9	282.8	005.7000	0420.2	103.0	46.18
151.0	002.7000	0158.1	028.9	282.6	005.7000	0420.2	103.3	46.07
152.0	002.7000	0158.0	028.9	282.4	005.7000	0420.1	103.7	45.97
153.0	002.7000	0158.0	028.9	282.3	005.7000	0420.1	104.1	45.86
154.0	002.7000	0158.1	028.9	282.1	005.7000	0420.1	104.5	45.75
155.0	002.7000	0158.5	028.9	281.9	005.7000	0420.1	104.9	45.65
156.0	002.7000	0158.9	029.0	281.7	005.7000	0420.1	105.3	45.54
157.0	002.7000	0159.5	029.0	281.5	005.7000	0420.1	105.7	45.44
158.0	002.7000	0160.2	029.1	281.4	005.7000	0420.2	106.1	45.33
159.0	002.7000	0160.9	029.1	281.2	005.7000	0420.2	106.5	45.23
160.0	002.7000	0161.4	029.2	281.0	005.7000	0420.2	106.9	45.12
161.0	002.7000	0161.8	029.2	280.9	005.7000	0420.2	107.3	45.00
162.0	002.7000	0161.9	029.2	280.8	005.7000	0420.2	107.8	44.89
163.0	002.7000	0161.5	029.2	280.6	005.7000	0420.3	108.2	44.76
164.0	002.7000	0160.5	029.1	280.6	005.7000	0420.3	108.7	44.63
165.0	002.7000	0159.2	029.0	280.5	005.7000	0420.3	109.2	44.50
166.0	002.7000	0158.0	028.9	280.4	005.7000	0420.3	109.7	44.37
167.0	002.7000	0157.1	028.8	280.4	005.7000	0420.3	110.2	44.24
168.0	002.7000	0156.3	028.7	280.3	005.7000	0420.3	110.7	44.11
169.0	002.7000	0155.6	028.7	280.2	005.7000	0420.3	111.2	43.99
170.0	002.7000	0154.9	028.6	280.2	005.7000	0420.3	111.7	43.86
171.0	002.7000	0154.5	028.6	280.1	005.7000	0420.4	112.2	43.74

06-03-2011 Terrain Data

WBZG BLH19991227AAQ

Channel = 265A
Max ERP = 3 kW
RCAMSL = 281 M
N. Lat. 41 18 09.0
W. Lng. 89 14 11.0
Protected
60 dBu

WKQX

Channel = 266B
Max ERP = 5.7 kW
RCAMSL = 606 M
N. Lat. 41 53 56.0
W. Lng. 87 37 23.0
Interfering
54 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)	IX (km)
003.0	003.0000	0081.5	021.9	252.0	005.7000	0425.1	140.3	36.72	
004.0	003.0000	0081.4	021.9	252.0	005.7000	0425.1	140.0	36.80	
005.0	003.0000	0081.1	021.9	251.9	005.7000	0425.1	139.7	36.88	
006.0	003.0000	0080.6	021.8	251.8	005.7000	0425.1	139.3	36.96	
007.0	003.0000	0080.6	021.8	251.7	005.7000	0425.1	139.0	37.04	
008.0	003.0000	0080.8	021.8	251.7	005.7000	0425.0	138.6	37.13	
009.0	003.0000	0080.8	021.8	251.6	005.7000	0425.0	138.3	37.21	
010.0	003.0000	0080.4	021.8	251.5	005.7000	0425.0	138.0	37.29	
011.0	003.0000	0079.9	021.7	251.4	005.7000	0425.0	137.7	37.36	
012.0	003.0000	0079.7	021.7	251.3	005.7000	0425.0	137.4	37.44	
013.0	003.0000	0079.7	021.7	251.2	005.7000	0425.0	137.1	37.52	
014.0	003.0000	0080.1	021.7	251.2	005.7000	0425.0	136.7	37.61	
015.0	003.0000	0080.4	021.8	251.1	005.7000	0425.0	136.4	37.69	
016.0	003.0000	0080.7	021.8	251.0	005.7000	0425.0	136.0	37.78	
017.0	003.0000	0081.0	021.9	250.9	005.7000	0425.0	135.7	37.86	
018.0	003.0000	0081.4	021.9	250.9	005.7000	0425.0	135.4	37.95	
019.0	003.0000	0082.1	022.0	250.8	005.7000	0425.0	135.0	38.04	
020.0	003.0000	0083.2	022.2	250.7	005.7000	0425.0	134.6	38.14	
021.0	003.0000	0084.3	022.3	250.7	005.7000	0425.0	134.2	38.24	
022.0	003.0000	0085.2	022.4	250.6	005.7000	0425.0	133.9	38.33	
023.0	003.0000	0085.9	022.5	250.5	005.7000	0425.0	133.5	38.42	
024.0	003.0000	0086.7	022.6	250.4	005.7000	0425.0	133.2	38.51	
025.0	003.0000	0087.5	022.7	250.3	005.7000	0425.0	132.8	38.60	
026.0	003.0000	0088.3	022.8	250.2	005.7000	0425.0	132.5	38.69	
027.0	003.0000	0088.7	022.9	250.1	005.7000	0425.0	132.1	38.77	
028.0	003.0000	0088.8	022.9	250.0	005.7000	0425.0	131.9	38.84	
029.0	003.0000	0088.5	022.8	249.8	005.7000	0425.1	131.6	38.90	
030.0	003.0000	0088.1	022.8	249.7	005.7000	0425.1	131.4	38.96	
031.0	003.0000	0087.6	022.7	249.5	005.7000	0425.1	131.2	39.01	
032.0	003.0000	0087.1	022.7	249.4	005.7000	0425.1	131.0	39.06	
033.0	003.0000	0086.8	022.6	249.2	005.7000	0425.2	130.8	39.11	
034.0	003.0000	0086.7	022.6	249.1	005.7000	0425.2	130.6	39.17	
035.0	003.0000	0086.7	022.6	248.9	005.7000	0425.2	130.4	39.22	
036.0	003.0000	0086.9	022.6	248.8	005.7000	0425.2	130.2	39.29	

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
037.0	003.0000	0087.7	022.7	248.7	005.7000	0425.3	129.9	39.36
038.0	003.0000	0088.9	022.9	248.6	005.7000	0425.3	129.5	39.45
039.0	003.0000	0090.1	023.0	248.4	005.7000	0425.3	129.2	39.53
040.0	003.0000	0091.1	023.2	248.3	005.7000	0425.3	128.9	39.61
041.0	003.0000	0091.8	023.2	248.2	005.7000	0425.4	128.7	39.67
042.0	003.0000	0092.3	023.3	248.0	005.7000	0425.4	128.4	39.73
043.0	003.0000	0092.7	023.4	247.9	005.7000	0425.4	128.2	39.79
044.0	003.0000	0093.1	023.4	247.7	005.7000	0425.4	128.0	39.84
045.0	003.0000	0093.8	023.5	247.5	005.7000	0425.5	127.8	39.90
046.0	003.0000	0094.6	023.6	247.4	005.7000	0425.5	127.5	39.96
047.0	003.0000	0095.2	023.7	247.2	005.7000	0425.5	127.3	40.01
048.0	003.0000	0095.4	023.7	247.0	005.7000	0425.6	127.2	40.06
049.0	003.0000	0095.3	023.7	246.9	005.7000	0425.6	127.1	40.08
050.0	003.0000	0095.0	023.6	246.7	005.7000	0425.6	127.0	40.11
051.0	003.0000	0094.9	023.6	246.5	005.7000	0425.7	126.9	40.13
052.0	003.0000	0095.1	023.6	246.3	005.7000	0425.7	126.7	40.16
053.0	003.0000	0095.6	023.7	246.1	005.7000	0425.7	126.6	40.20
054.0	003.0000	0096.5	023.8	246.0	005.7000	0425.7	126.4	40.25
055.0	003.0000	0097.4	023.9	245.8	005.7000	0425.8	126.2	40.30
056.0	003.0000	0098.0	024.0	245.6	005.7000	0425.8	126.1	40.33
057.0	003.0000	0098.1	024.0	245.4	005.7000	0425.8	126.0	40.35
058.0	003.0000	0098.0	024.0	245.2	005.7000	0425.9	126.0	40.36
059.0	003.0000	0098.3	024.0	245.0	005.7000	0425.9	125.9	40.38
060.0	003.0000	0099.0	024.1	244.9	005.7000	0425.9	125.8	40.41
061.0	003.0000	0099.9	024.2	244.7	005.7000	0425.9	125.6	40.45
062.0	003.0000	0100.9	024.3	244.5	005.7000	0425.9	125.5	40.48
063.0	003.0000	0101.9	024.4	244.3	005.7000	0426.0	125.4	40.51
064.0	003.0000	0102.8	024.5	244.1	005.7000	0426.0	125.3	40.54
065.0	003.0000	0103.7	024.6	243.9	005.7000	0426.0	125.2	40.56
066.0	003.0000	0104.5	024.7	243.7	005.7000	0426.1	125.1	40.58
067.0	003.0000	0105.6	024.9	243.5	005.7000	0426.1	125.0	40.61
068.0	003.0000	0107.0	025.0	243.3	005.7000	0426.1	124.9	40.64
069.0	003.0000	0108.7	025.2	243.1	005.7000	0426.2	124.8	40.67
070.0	003.0000	0111.0	025.4	242.9	005.7000	0426.2	124.6	40.72
071.0	003.0000	0113.8	025.7	242.6	005.7000	0426.2	124.4	40.77
072.0	003.0000	0117.3	026.0	242.4	005.7000	0426.3	124.2	40.84
073.0	003.0000	0121.2	026.4	242.2	005.7000	0426.3	123.9	40.90
074.0	003.0000	0125.6	026.8	241.9	005.7000	0426.4	123.6	40.97
075.0	003.0000	0130.3	027.2	241.7	005.7000	0426.4	123.3	41.05
076.0	003.0000	0134.8	027.5	241.4	005.7000	0426.4	123.1	41.11
077.0	003.0000	0138.6	027.9	241.1	005.7000	0426.5	122.9	41.16
078.0	003.0000	0141.4	028.1	240.9	005.7000	0426.5	122.8	41.19
079.0	003.0000	0143.2	028.3	240.6	005.7000	0426.6	122.8	41.19
080.0	003.0000	0144.1	028.4	240.4	005.7000	0426.6	122.9	41.16
081.0	003.0000	0144.1	028.4	240.2	005.7000	0426.7	123.1	41.12
082.0	003.0000	0143.3	028.3	240.0	005.7000	0426.7	123.3	41.06
083.0	003.0000	0141.3	028.1	239.8	005.7000	0426.8	123.7	40.97
084.0	003.0000	0138.1	027.8	239.7	005.7000	0426.8	124.2	40.85
085.0	003.0000	0134.4	027.5	239.5	005.7000	0426.8	124.7	40.72
086.0	003.0000	0130.2	027.2	239.4	005.7000	0426.9	125.2	40.59
087.0	003.0000	0125.8	026.8	239.3	005.7000	0426.9	125.7	40.45

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
088.0	003.0000	0123.4	026.6	239.2	005.7000	0426.9	126.2	40.35
089.0	003.0000	0121.6	026.4	239.0	005.7000	0426.9	126.5	40.26
090.0	003.0000	0119.8	026.3	238.9	005.7000	0427.0	126.9	40.16
091.0	003.0000	0118.0	026.1	238.7	005.7000	0427.0	127.3	40.07
092.0	003.0000	0115.3	025.8	238.6	005.7000	0427.1	127.7	39.95
093.0	003.0000	0112.7	025.6	238.5	005.7000	0427.1	128.2	39.83
094.0	003.0000	0109.7	025.3	238.4	005.7000	0427.1	128.7	39.71
095.0	003.0000	0107.5	025.1	238.4	005.7000	0427.1	129.2	39.59
096.0	003.0000	0105.9	024.9	238.2	005.7000	0427.2	129.6	39.49
097.0	003.0000	0104.4	024.7	238.1	005.7000	0427.2	130.0	39.39
098.0	003.0000	0102.8	024.5	238.1	005.7000	0427.2	130.4	39.29
099.0	003.0000	0101.1	024.4	238.0	005.7000	0427.3	130.8	39.18
100.0	003.0000	0099.7	024.2	237.9	005.7000	0427.3	131.2	39.07
101.0	003.0000	0098.2	024.0	237.8	005.7000	0427.3	131.6	38.97
102.0	003.0000	0096.2	023.8	237.7	005.7000	0427.4	132.1	38.85
103.0	003.0000	0094.3	023.5	237.7	005.7000	0427.4	132.6	38.73
104.0	003.0000	0092.6	023.3	237.6	005.7000	0427.4	133.0	38.62
105.0	003.0000	0091.2	023.2	237.6	005.7000	0427.4	133.4	38.51
106.0	003.0000	0090.0	023.0	237.5	005.7000	0427.4	133.8	38.41
107.0	003.0000	0088.9	022.9	237.4	005.7000	0427.5	134.2	38.31
108.0	003.0000	0087.6	022.7	237.4	005.7000	0427.5	134.6	38.21
109.0	003.0000	0086.5	022.6	237.3	005.7000	0427.5	135.0	38.10
110.0	003.0000	0085.4	022.4	237.3	005.7000	0427.5	135.4	38.00
111.0	003.0000	0084.4	022.3	237.2	005.7000	0427.6	135.8	37.90
112.0	003.0000	0083.5	022.2	237.2	005.7000	0427.6	136.2	37.80
113.0	003.0000	0082.7	022.1	237.1	005.7000	0427.6	136.6	37.71
114.0	003.0000	0082.1	022.0	237.1	005.7000	0427.6	137.0	37.62
115.0	003.0000	0081.7	022.0	237.0	005.7000	0427.7	137.3	37.53
116.0	003.0000	0081.5	021.9	236.9	005.7000	0427.7	137.7	37.44
117.0	003.0000	0081.4	021.9	236.8	005.7000	0427.7	138.0	37.36
118.0	003.0000	0081.4	021.9	236.8	005.7000	0427.8	138.3	37.28
119.0	003.0000	0081.4	021.9	236.7	005.7000	0427.8	138.7	37.20
120.0	003.0000	0081.3	021.9	236.6	005.7000	0427.8	139.0	37.11
121.0	003.0000	0081.2	021.9	236.6	005.7000	0427.9	139.4	37.03
122.0	003.0000	0081.0	021.9	236.5	005.7000	0427.9	139.7	36.94

06-03-2011 Terrain Data

WBAA-FM BLED20090702ADF

Channel = 267B1
Max ERP = 14 kW
RCAMSL = 336 M
N. Lat. 40 17 50.0
W. Lng. 86 54 05.0
Protected
57 dBu

WKQX

Channel = 266B
Max ERP = 5.7 kW
RCAMSL = 606 M
N. Lat. 41 53 56.0
W. Lng. 87 37 23.0
Interfering
54 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)	IX (km)
281.0	014.0000	0123.1	043.3	173.9	005.7000	0429.0	170.6	30.47	
282.0	014.0000	0123.7	043.4	173.8	005.7000	0429.0	169.8	30.63	
283.0	014.0000	0124.4	043.5	173.8	005.7000	0429.0	169.1	30.79	
284.0	014.0000	0125.1	043.6	173.7	005.7000	0429.0	168.3	30.94	
285.0	014.0000	0125.9	043.7	173.7	005.7000	0429.0	167.6	31.10	
286.0	014.0000	0126.8	043.8	173.6	005.7000	0429.0	166.8	31.26	
287.0	014.0000	0127.6	043.9	173.5	005.7000	0429.0	166.1	31.41	
288.0	014.0000	0128.5	044.1	173.5	005.7000	0429.0	165.3	31.57	
289.0	014.0000	0129.7	044.2	173.4	005.7000	0429.0	164.5	31.73	
290.0	014.0000	0130.8	044.4	173.3	005.7000	0429.0	163.8	31.89	
291.0	014.0000	0131.9	044.5	173.3	005.7000	0429.0	163.0	32.05	
292.0	014.0000	0132.6	044.6	173.2	005.7000	0429.0	162.3	32.20	
293.0	014.0000	0133.0	044.7	173.0	005.7000	0429.0	161.6	32.35	
294.0	014.0000	0133.2	044.7	172.9	005.7000	0429.0	160.9	32.49	
295.0	014.0000	0133.5	044.7	172.8	005.7000	0429.0	160.2	32.64	
296.0	014.0000	0133.8	044.8	172.6	005.7000	0429.0	159.5	32.78	
297.0	014.0000	0134.4	044.9	172.5	005.7000	0429.0	158.8	32.92	
298.0	014.0000	0135.1	045.0	172.4	005.7000	0429.0	158.1	33.07	
299.0	014.0000	0135.9	045.1	172.2	005.7000	0429.0	157.5	33.21	
300.0	014.0000	0136.5	045.1	172.1	005.7000	0429.0	156.8	33.35	
301.0	014.0000	0137.0	045.2	171.9	005.7000	0429.0	156.1	33.49	
302.0	014.0000	0137.4	045.3	171.8	005.7000	0429.0	155.5	33.62	
303.0	014.0000	0137.8	045.3	171.6	005.7000	0429.0	154.8	33.75	
304.0	014.0000	0138.1	045.4	171.4	005.7000	0429.0	154.2	33.88	
305.0	014.0000	0138.3	045.4	171.2	005.7000	0429.0	153.6	34.00	
306.0	014.0000	0138.4	045.4	171.0	005.7000	0429.0	153.0	34.12	
307.0	014.0000	0138.8	045.5	170.8	005.7000	0429.0	152.5	34.24	
308.0	014.0000	0139.3	045.5	170.6	005.7000	0429.0	151.9	34.37	
309.0	014.0000	0139.9	045.6	170.4	005.7000	0429.0	151.3	34.49	
310.0	014.0000	0140.5	045.7	170.2	005.7000	0429.0	150.7	34.61	
311.0	014.0000	0141.0	045.8	170.0	005.7000	0429.0	150.1	34.73	
312.0	014.0000	0141.5	045.8	169.7	005.7000	0429.0	149.6	34.84	
313.0	014.0000	0141.9	045.9	169.5	005.7000	0429.0	149.0	34.95	
314.0	014.0000	0142.5	046.0	169.3	005.7000	0429.0	148.5	35.06	

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
315.0	014.0000	0143.1	046.0	169.0	005.7000	0429.0	148.0	35.17
316.0	014.0000	0143.9	046.2	168.8	005.7000	0429.0	147.4	35.28
317.0	014.0000	0144.8	046.3	168.6	005.7000	0429.0	146.9	35.39
318.0	014.0000	0145.6	046.4	168.3	005.7000	0429.0	146.4	35.50
319.0	014.0000	0146.4	046.5	168.1	005.7000	0429.0	145.9	35.60
320.0	014.0000	0147.4	046.6	167.8	005.7000	0429.0	145.4	35.70
321.0	014.0000	0148.4	046.8	167.5	005.7000	0429.0	144.9	35.81
322.0	014.0000	0149.4	046.9	167.3	005.7000	0429.0	144.4	35.91
323.0	014.0000	0150.3	047.0	167.0	005.7000	0429.0	144.0	36.00
324.0	014.0000	0151.0	047.1	166.7	005.7000	0429.0	143.6	36.09
325.0	014.0000	0151.8	047.2	166.4	005.7000	0429.0	143.2	36.18
326.0	014.0000	0152.6	047.3	166.1	005.7000	0429.0	142.8	36.27
327.0	014.0000	0153.5	047.4	165.8	005.7000	0429.0	142.4	36.36
328.0	014.0000	0154.3	047.5	165.5	005.7000	0429.0	142.0	36.44
329.0	014.0000	0155.1	047.6	165.2	005.7000	0429.0	141.7	36.52
330.0	014.0000	0155.9	047.8	164.9	005.7000	0429.0	141.3	36.59
331.0	014.0000	0156.9	047.9	164.6	005.7000	0429.0	141.0	36.67
332.0	014.0000	0157.8	048.0	164.3	005.7000	0429.0	140.7	36.74
333.0	014.0000	0158.2	048.0	163.9	005.7000	0429.0	140.5	36.79
334.0	014.0000	0158.5	048.1	163.6	005.7000	0429.0	140.3	36.84
335.0	014.0000	0158.9	048.1	163.3	005.7000	0429.0	140.1	36.88
336.0	014.0000	0159.1	048.1	162.9	005.7000	0429.0	140.0	36.91
337.0	014.0000	0158.9	048.1	162.6	005.7000	0429.0	139.9	36.93
338.0	014.0000	0158.4	048.1	162.2	005.7000	0429.0	139.9	36.93
339.0	014.0000	0157.8	048.0	161.9	005.7000	0429.0	139.9	36.93
340.0	014.0000	0157.3	047.9	161.5	005.7000	0429.0	140.0	36.92
341.0	014.0000	0156.7	047.8	161.2	005.7000	0429.0	140.0	36.90
342.0	014.0000	0156.0	047.8	160.9	005.7000	0429.0	140.1	36.88
343.0	014.0000	0155.1	047.6	160.5	005.7000	0429.0	140.3	36.85
344.0	014.0000	0154.0	047.5	160.2	005.7000	0429.0	140.4	36.80
345.0	014.0000	0153.2	047.4	159.8	005.7000	0429.0	140.6	36.76
346.0	014.0000	0152.8	047.3	159.5	005.7000	0429.0	140.7	36.73
347.0	014.0000	0152.8	047.3	159.2	005.7000	0429.0	140.8	36.71
348.0	014.0000	0153.3	047.4	158.8	005.7000	0429.0	140.9	36.70
349.0	014.0000	0153.8	047.5	158.5	005.7000	0429.0	141.0	36.68
350.0	014.0000	0154.2	047.5	158.2	005.7000	0429.0	141.1	36.65
351.0	014.0000	0154.2	047.5	157.8	005.7000	0429.0	141.3	36.61
352.0	014.0000	0154.0	047.5	157.5	005.7000	0429.0	141.5	36.56
353.0	014.0000	0153.8	047.5	157.2	005.7000	0429.0	141.7	36.51
354.0	014.0000	0153.5	047.4	156.9	005.7000	0429.0	142.0	36.44
355.0	014.0000	0153.4	047.4	156.5	005.7000	0429.0	142.3	36.38
356.0	014.0000	0153.5	047.4	156.2	005.7000	0429.0	142.5	36.32
357.0	014.0000	0153.6	047.4	155.9	005.7000	0429.0	142.8	36.26
358.0	014.0000	0153.4	047.4	155.6	005.7000	0429.0	143.1	36.19
359.0	014.0000	0154.0	047.5	155.3	005.7000	0429.0	143.4	36.13
000.0	014.0000	0154.6	047.6	155.0	005.7000	0429.0	143.6	36.08
001.0	014.0000	0154.4	047.6	154.7	005.7000	0429.0	144.0	35.99
002.0	014.0000	0153.5	047.4	154.4	005.7000	0429.0	144.5	35.89
003.0	014.0000	0152.5	047.3	154.1	005.7000	0429.0	145.0	35.79
004.0	014.0000	0150.7	047.1	153.9	005.7000	0429.0	145.6	35.66
005.0	014.0000	0149.2	046.9	153.6	005.7000	0429.0	146.2	35.54

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
006.0	014.0000	0147.7	046.7	153.4	005.7000	0429.0	146.8	35.41
007.0	014.0000	0146.2	046.5	153.2	005.7000	0429.0	147.4	35.28
008.0	014.0000	0144.5	046.2	153.0	005.7000	0429.0	148.1	35.15
009.0	014.0000	0142.9	046.0	152.8	005.7000	0429.0	148.7	35.02
010.0	014.0000	0141.8	045.9	152.5	005.7000	0429.0	149.3	34.90
011.0	014.0000	0141.1	045.8	152.3	005.7000	0429.0	149.9	34.78
012.0	014.0000	0140.6	045.7	152.1	005.7000	0429.0	150.4	34.66
013.0	014.0000	0139.9	045.6	151.9	005.7000	0429.0	151.0	34.54
014.0	014.0000	0139.1	045.5	151.7	005.7000	0429.0	151.6	34.42
015.0	014.0000	0138.6	045.4	151.5	005.7000	0429.0	152.2	34.29
016.0	014.0000	0138.4	045.4	151.3	005.7000	0429.0	152.8	34.18
017.0	014.0000	0138.3	045.4	151.1	005.7000	0429.0	153.4	34.06
018.0	014.0000	0138.1	045.4	150.9	005.7000	0429.0	153.9	33.94
019.0	014.0000	0137.9	045.3	150.7	005.7000	0429.0	154.6	33.81
020.0	014.0000	0137.9	045.3	150.5	005.7000	0429.0	155.1	33.69
021.0	014.0000	0137.9	045.3	150.3	005.7000	0429.0	155.7	33.56
022.0	014.0000	0138.0	045.4	150.1	005.7000	0429.0	156.4	33.44
023.0	014.0000	0138.5	045.4	149.9	005.7000	0429.0	156.9	33.32
024.0	014.0000	0139.2	045.5	149.7	005.7000	0429.0	157.5	33.20
025.0	014.0000	0139.6	045.6	149.5	005.7000	0429.0	158.1	33.07
026.0	014.0000	0139.5	045.6	149.3	005.7000	0429.0	158.8	32.93
027.0	014.0000	0139.4	045.5	149.2	005.7000	0429.0	159.5	32.79
028.0	014.0000	0139.3	045.5	149.0	005.7000	0429.0	160.2	32.65
029.0	014.0000	0139.0	045.5	148.9	005.7000	0429.0	160.9	32.50
030.0	014.0000	0138.6	045.4	148.8	005.7000	0429.0	161.6	32.35
031.0	014.0000	0138.1	045.4	148.7	005.7000	0429.0	162.3	32.20
032.0	014.0000	0137.6	045.3	148.6	005.7000	0429.0	163.0	32.05
033.0	014.0000	0137.5	045.3	148.4	005.7000	0429.0	163.8	31.90
034.0	014.0000	0137.5	045.3	148.3	005.7000	0429.0	164.5	31.75
035.0	014.0000	0137.5	045.3	148.2	005.7000	0429.0	165.2	31.59
036.0	014.0000	0137.2	045.2	148.1	005.7000	0429.0	166.0	31.44
037.0	014.0000	0136.9	045.2	148.0	005.7000	0429.0	166.7	31.28
038.0	014.0000	0136.7	045.2	147.9	005.7000	0429.0	167.5	31.12
039.0	014.0000	0136.5	045.1	147.8	005.7000	0429.0	168.2	30.97
040.0	014.0000	0136.3	045.1	147.8	005.7000	0429.0	169.0	30.81

06-03-2011 Terrain Data

WHPO BLH19790517AB

Channel = 265A
Max ERP = 3 kW
RCAMSL = 307 M
N. Lat. 40 28 36.0
W. Lng. 87 41 36.0
Protected
60 dBu

WKQX

Channel = 266B
Max ERP = 5.7 kW
RCAMSL = 606 M
N. Lat. 41 53 56.0
W. Lng. 87 37 23.0
Interfering
54 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)	IX (km)
302.0	003.0000	0103.4	024.6	190.5	005.7000	0428.2	147.4	35.28	
303.0	003.0000	0103.6	024.6	190.5	005.7000	0428.2	147.0	35.36	
304.0	003.0000	0103.7	024.6	190.4	005.7000	0428.2	146.6	35.44	
305.0	003.0000	0103.9	024.7	190.4	005.7000	0428.3	146.1	35.53	
306.0	003.0000	0104.3	024.7	190.3	005.7000	0428.3	145.7	35.61	
307.0	003.0000	0104.6	024.7	190.2	005.7000	0428.3	145.3	35.70	
308.0	003.0000	0104.9	024.8	190.2	005.7000	0428.3	144.9	35.78	
309.0	003.0000	0105.2	024.8	190.1	005.7000	0428.3	144.5	35.86	
310.0	003.0000	0105.5	024.8	190.0	005.7000	0428.4	144.2	35.95	
311.0	003.0000	0105.7	024.9	189.9	005.7000	0428.4	143.8	36.03	
312.0	003.0000	0105.8	024.9	189.8	005.7000	0428.4	143.4	36.11	
313.0	003.0000	0105.9	024.9	189.8	005.7000	0428.4	143.0	36.20	
314.0	003.0000	0106.1	024.9	189.7	005.7000	0428.5	142.7	36.28	
315.0	003.0000	0106.2	024.9	189.6	005.7000	0428.5	142.3	36.36	
316.0	003.0000	0106.2	024.9	189.5	005.7000	0428.5	141.9	36.44	
317.0	003.0000	0106.2	024.9	189.4	005.7000	0428.5	141.6	36.52	
318.0	003.0000	0106.1	024.9	189.2	005.7000	0428.6	141.3	36.60	
319.0	003.0000	0106.1	024.9	189.1	005.7000	0428.6	140.9	36.68	
320.0	003.0000	0106.1	024.9	189.0	005.7000	0428.6	140.6	36.76	
321.0	003.0000	0106.2	024.9	188.9	005.7000	0428.6	140.3	36.84	
322.0	003.0000	0106.4	024.9	188.8	005.7000	0428.6	139.9	36.92	
323.0	003.0000	0106.6	025.0	188.7	005.7000	0428.7	139.6	37.00	
324.0	003.0000	0106.7	025.0	188.5	005.7000	0428.7	139.3	37.07	
325.0	003.0000	0106.7	025.0	188.4	005.7000	0428.7	139.0	37.15	
326.0	003.0000	0106.7	025.0	188.3	005.7000	0428.7	138.7	37.22	
327.0	003.0000	0106.6	025.0	188.1	005.7000	0428.7	138.4	37.29	
328.0	003.0000	0106.4	024.9	188.0	005.7000	0428.7	138.1	37.36	
329.0	003.0000	0106.0	024.9	187.8	005.7000	0428.7	137.9	37.42	
330.0	003.0000	0105.5	024.8	187.7	005.7000	0428.7	137.7	37.47	
331.0	003.0000	0105.1	024.8	187.5	005.7000	0428.7	137.4	37.53	
332.0	003.0000	0104.8	024.8	187.4	005.7000	0428.8	137.2	37.59	
333.0	003.0000	0104.6	024.7	187.2	005.7000	0428.8	137.0	37.65	
334.0	003.0000	0104.8	024.8	187.1	005.7000	0428.8	136.7	37.71	
335.0	003.0000	0105.0	024.8	186.9	005.7000	0428.8	136.5	37.78	

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
336.0	003.0000	0105.3	024.8	186.8	005.7000	0428.8	136.2	37.84
337.0	003.0000	0105.5	024.8	186.6	005.7000	0428.9	136.0	37.90
338.0	003.0000	0105.8	024.9	186.5	005.7000	0428.9	135.7	37.96
339.0	003.0000	0106.1	024.9	186.3	005.7000	0428.9	135.5	38.02
340.0	003.0000	0106.6	025.0	186.2	005.7000	0428.9	135.3	38.08
341.0	003.0000	0107.0	025.0	186.0	005.7000	0429.0	135.0	38.14
342.0	003.0000	0107.5	025.1	185.8	005.7000	0429.0	134.8	38.20
343.0	003.0000	0107.8	025.1	185.7	005.7000	0429.0	134.6	38.26
344.0	003.0000	0108.2	025.1	185.5	005.7000	0429.0	134.4	38.31
345.0	003.0000	0108.4	025.1	185.3	005.7000	0429.0	134.2	38.35
346.0	003.0000	0108.5	025.2	185.2	005.7000	0429.0	134.1	38.39
347.0	003.0000	0108.5	025.2	185.0	005.7000	0429.0	133.9	38.43
348.0	003.0000	0108.2	025.1	184.8	005.7000	0429.0	133.8	38.46
349.0	003.0000	0107.9	025.1	184.6	005.7000	0429.0	133.7	38.48
350.0	003.0000	0107.4	025.0	184.4	005.7000	0429.0	133.7	38.50
351.0	003.0000	0107.1	025.0	184.2	005.7000	0429.0	133.6	38.51
352.0	003.0000	0106.9	025.0	184.0	005.7000	0429.0	133.5	38.53
353.0	003.0000	0106.8	025.0	183.9	005.7000	0429.0	133.5	38.55
354.0	003.0000	0106.7	025.0	183.7	005.7000	0429.0	133.4	38.57
355.0	003.0000	0106.6	025.0	183.5	005.7000	0429.0	133.3	38.58
356.0	003.0000	0106.4	024.9	183.3	005.7000	0429.0	133.3	38.59
357.0	003.0000	0106.0	024.9	183.1	005.7000	0429.0	133.3	38.59
358.0	003.0000	0105.2	024.8	182.9	005.7000	0429.0	133.3	38.59
359.0	003.0000	0104.5	024.7	182.7	005.7000	0429.0	133.4	38.57
000.0	003.0000	0103.7	024.6	182.5	005.7000	0429.0	133.4	38.56
001.0	003.0000	0103.0	024.6	182.4	005.7000	0429.0	133.5	38.54
002.0	003.0000	0102.7	024.5	182.2	005.7000	0429.0	133.5	38.53
003.0	003.0000	0102.4	024.5	182.0	005.7000	0429.0	133.6	38.52
004.0	003.0000	0102.1	024.5	181.8	005.7000	0429.0	133.6	38.51
005.0	003.0000	0102.0	024.4	181.6	005.7000	0429.0	133.6	38.50
006.0	003.0000	0101.8	024.4	181.4	005.7000	0429.0	133.7	38.49
007.0	003.0000	0101.4	024.4	181.3	005.7000	0429.0	133.8	38.47
008.0	003.0000	0100.8	024.3	181.1	005.7000	0429.0	133.9	38.44
009.0	003.0000	0100.2	024.2	180.9	005.7000	0429.0	134.0	38.41
010.0	003.0000	0099.8	024.2	180.7	005.7000	0429.0	134.1	38.38
011.0	003.0000	0099.6	024.2	180.5	005.7000	0429.0	134.2	38.35
012.0	003.0000	0099.4	024.2	180.4	005.7000	0429.0	134.3	38.33
013.0	003.0000	0099.2	024.1	180.2	005.7000	0429.0	134.4	38.30
014.0	003.0000	0099.0	024.1	180.0	005.7000	0429.0	134.6	38.27
015.0	003.0000	0098.8	024.1	179.9	005.7000	0429.0	134.7	38.23
016.0	003.0000	0098.5	024.1	179.7	005.7000	0429.0	134.8	38.20
017.0	003.0000	0098.2	024.0	179.5	005.7000	0429.0	135.0	38.16
018.0	003.0000	0097.8	024.0	179.4	005.7000	0429.0	135.2	38.11
019.0	003.0000	0097.3	023.9	179.2	005.7000	0429.0	135.4	38.06
020.0	003.0000	0096.8	023.8	179.0	005.7000	0429.0	135.6	38.01
021.0	003.0000	0096.3	023.8	178.9	005.7000	0429.0	135.8	37.96
022.0	003.0000	0096.0	023.7	178.7	005.7000	0429.0	136.0	37.91
023.0	003.0000	0095.7	023.7	178.6	005.7000	0429.0	136.2	37.86
024.0	003.0000	0095.5	023.7	178.4	005.7000	0429.0	136.4	37.81
025.0	003.0000	0095.2	023.7	178.3	005.7000	0429.0	136.6	37.76
026.0	003.0000	0094.9	023.6	178.1	005.7000	0429.0	136.8	37.70

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
027.0	003.0000	0094.6	023.6	178.0	005.7000	0429.0	137.0	37.64
028.0	003.0000	0094.4	023.6	177.8	005.7000	0429.0	137.2	37.59
029.0	003.0000	0094.1	023.5	177.7	005.7000	0429.0	137.5	37.53
030.0	003.0000	0093.8	023.5	177.5	005.7000	0429.0	137.7	37.46
031.0	003.0000	0093.5	023.4	177.4	005.7000	0429.0	138.0	37.40
032.0	003.0000	0093.0	023.4	177.3	005.7000	0429.0	138.3	37.33
033.0	003.0000	0092.5	023.3	177.2	005.7000	0429.0	138.6	37.26
034.0	003.0000	0092.0	023.3	177.0	005.7000	0429.0	138.8	37.19
035.0	003.0000	0091.6	023.2	176.9	005.7000	0429.0	139.1	37.12
036.0	003.0000	0091.2	023.2	176.8	005.7000	0429.0	139.4	37.05
037.0	003.0000	0090.8	023.1	176.7	005.7000	0429.0	139.7	36.98
038.0	003.0000	0090.4	023.1	176.6	005.7000	0429.0	140.0	36.90
039.0	003.0000	0090.0	023.0	176.5	005.7000	0429.0	140.3	36.83
040.0	003.0000	0089.6	023.0	176.4	005.7000	0429.0	140.6	36.76
041.0	003.0000	0089.3	022.9	176.3	005.7000	0429.0	140.9	36.69
042.0	003.0000	0089.0	022.9	176.1	005.7000	0429.0	141.2	36.61
043.0	003.0000	0088.8	022.9	176.0	005.7000	0429.0	141.6	36.54
044.0	003.0000	0088.5	022.8	175.9	005.7000	0429.0	141.9	36.47
045.0	003.0000	0088.1	022.8	175.9	005.7000	0429.0	142.2	36.39
046.0	003.0000	0087.6	022.7	175.8	005.7000	0429.0	142.6	36.31
047.0	003.0000	0086.8	022.6	175.7	005.7000	0429.0	142.9	36.23
048.0	003.0000	0085.9	022.5	175.6	005.7000	0429.0	143.3	36.15
049.0	003.0000	0085.2	022.4	175.6	005.7000	0429.0	143.7	36.07
050.0	003.0000	0084.5	022.3	175.5	005.7000	0429.0	144.0	35.99
051.0	003.0000	0084.0	022.3	175.4	005.7000	0429.0	144.4	35.91
052.0	003.0000	0083.7	022.2	175.4	005.7000	0429.0	144.7	35.84
053.0	003.0000	0083.4	022.2	175.3	005.7000	0429.0	145.1	35.77
054.0	003.0000	0083.1	022.1	175.2	005.7000	0429.0	145.4	35.70
055.0	003.0000	0082.8	022.1	175.2	005.7000	0429.0	145.8	35.62
056.0	003.0000	0082.4	022.0	175.1	005.7000	0429.0	146.1	35.55
057.0	003.0000	0081.8	022.0	175.1	005.7000	0429.0	146.5	35.47
058.0	003.0000	0081.1	021.9	175.0	005.7000	0429.0	146.9	35.39
059.0	003.0000	0080.3	021.8	175.0	005.7000	0429.0	147.3	35.31
060.0	003.0000	0079.3	021.6	175.0	005.7000	0429.0	147.7	35.23
061.0	003.0000	0078.2	021.5	175.0	005.7000	0429.0	148.1	35.14