

WBGL – Allocation Exhibit**March 24, 2005**

Illinois Bible Institute, Inc proposes to correct its transmitter coordinates by 3 degrees of latitude and correct the base elevation from 354 meters to 352 meters AMSL. The antenna center of radiation above ground will remain the same.

Old Coordinates: N. Lat 40 09 09, W. Lng. 88 06 56

New Coordinates: N. Lat 40 09 12, W. Lng 88 06 56

This correction causes no new contour overlaps. There is, however, one contour overlap that WBGL causes that exists under the current licensed coordinates, with WFWR, Attica, Indiana.

The combination of the proposed coordinate correction and corrected base elevation results in an overlap with WFWR that is slightly smaller in size. Therefore, the instant proposal does not exacerbate the size of the overlap predicted using the previously licensed parameters.

Page #2 of this exhibit, the single channel contour-to-contour study that follows this page, shows no direct-line overlap, either incoming or out going. Page # 3 is a similar study using the existing WBGL coordinates. (Page #4 is a narrative on how to read the channel-study table.) However, both the existing and the corrected coordinates instant proposal have contour overlap at azimuths off the direct-line. The map shown on page #5 of this exhibit shows the proposed overlap, while the FMOver study, pages #6 through #11, that follows shows a tabulation of the contour overlap in dB. The map on page #12 shows the existing overlap, while the FMOver tables #13- #18 show the existing overlap in dB using the FMOver format.

The reader will note that both the corrected coordinates map and the FMOver tables show that the existing overlap is slightly reduced under the instant proposal.

WBGL meets all Section 73.207 minimum spacings with regard to commercial stations, construction permits and allocations.

Channel-Six TV Protection:

With regard to protection to channel-six TV, the page #2 channel-study table shows that there are no channel-six TV stations within the cutoff distance for channel 219 of 159 kilometers.

Illinois Bible Institute, Inc.
 Proposed Coordinate Corrected Facility
 CH# 219B - 91.7 MHz, Pwr= 20 kW, HAAT=139.9 M, COR= 352 M
 Average Protected F(50-50)= 42.75 km
 DISPLAY DATES
 DATA 03-23-05
 SEARCH 03-23-05
 Ave. F(50-10) 40 dBu= 115.2 54 dBu= 64.0 80 dBu= 14.4 100 dBu= 4.5

CH CITY	CALL	TYPE STATE	AZI. <--	DIST FILE #	LAT. LNG.	Pwr(kW) HAAT(M)	COR(M) INT(km)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT*
219B Champaign	WBGL	LIC CN IL	180.0 0.0	0.09 BLED19821108AZ	40 09 09 88 06 56	20.000 142	354 115.7	43.1 Illinois Bible Institute, i	-159.07*<	-159.19*<
220B Springfield Grandfathered at 50	WUIS	LIC CN IL ERP	250.5 70.5 and 152	120.87 BLED19871020KH meters HAAT	39 47 00 89 26 46	50.000 150	329 78.2	52.3 The Board Of Trustees Of T	0.98	5.88
218A Attica	WFWR	LIC VN IN	78.9 258.9	75.24 BLED20000828ADT	40 16 47 87 14 50	0.165 58	252 12.6	9.0 Fountain Warren Community	19.01	1.13<
218A Attica	WFWR.A	APP V IN	78.9 258.9	75.24 BPED19980217MC	40 16 47 87 14 50	0.165 -146	48 9.1	6.4 Fountain Warren Community	22.48	3.74
218B Pekin	WCIC	LIC DCN IL	290.5 110.5	131.29 BLED19981116KA	40 33 28 89 34 04	47.000 146	339 76.7	51.2 Illinois Bible Institute,	13.21	17.81
220B Joliet	WJCH	LIC CN IL	354.7 174.7	140.76 BLED19860505KF	41 24 55 88 16 19	50.000 160	319 79.6	53.5 Family Stations, Inc.	18.49	23.32
217B1 Milford	WJCZ.C	CP DCN IL	15.0 195.0	49.68 BMPED20040414AAV	40 35 07 87 57 47	25.000 10	234 2.3	22.7 Csn International	4.17	22.48
219A Vandalia	WVNL	LIC CX IL	212.5 32.5	158.74 BLED20021028AAI	38 56 42 89 06 10	0.100 64	210 27.3	8.2 Illinois Bible Institute,	88.67	35.29
218A Casey	WLHW.C	CP CX IL	172.5 352.5	95.12 BPED19941110MA	39 18 14 87 58 15	6.000 42	247 27.7	18.9 Word Power, Inc.	23.62	10.98
219A Kokomo	WIWC	LIC C IN	71.5 251.5	161.79 BMLED20030404ABG	40 36 00 86 18 08	2.100 103	319 71.2	22.7 The Moody Bible Institute	47.22	23.03
220A Terre Haute	WHOJ	LIC C IN	141.0 321.0	97.77 BLED20000728AAK	39 28 05 87 23 55	0.963 17	188 14.0	10.1 Covenant Network	39.47	21.80
220A Terre Haute	WHOJ.C	CP CX IN	141.0 321.0	97.77 BPED20041018AAQ	39 28 05 87 23 55	1.200 17	188 14.8	10.6 Covenant Network	38.68	21.24
220A Lafayette	WJEF	LIC CN IN	75.1 255.1	109.04 BLED949	40 23 52 86 52 26	0.250 44	226 12.1	8.6 Lafayette School Corp.	53.44	35.51
221A Charleston	WWGO<	LIC ZCN IL	196.5 16.5	72.45 BLH20020418ABC	39 31 40 88 21 23	6.000 105	305 4.1	29.0 Whqq, Inc	25.35	38.97
273A Fisher	WGNN<	LIC CN IL	310.2 130.2	32.13 BLED19960415KB	40 20 21 88 24 18	6.000 106	325 44.9	29.1 Good News Radio, Inc	15.0R	17.1M
273B1 Fisher	WGNN<	RSV N IL	341.4 161.4	45.02	40 32 14 88 17 09	25.000 101	334 60.4	44.9 Good News Radio, Inc	17.0R	28.0M
06+2C Davenport	KWQCTV	LI HN IA	308.7 128.7	252.16 BLCT19821108KN	41 32 49 90 28 35	100.000 431	611 11.7	114.1 Young Broadcasting Of Dave	159.0R	93.2M
06Z1C Indianapolis	WRTV	LI HY IN	99.2 279.2	165.88 BLCT20011203CES	39 53 58 86 12 02	100.000 263	534 12.5	100.2 Mcgraw-hill Broadcasting C	159.0R	6.9M

ERP and HAAT are on direct line to and from reference station.
 • affixed to TV6 Margin= no direct-line contour overlap.
 "•"affixed to 'IN' or 'Out' values = site inside protected contour.
 "«" = station meets FCC minimum distance spacing for its class. "<" = contour overlap

<div> <div>Illinois Bible Institute, Inc.</div> <div>WBGL - Existing Facility</div> </div> <div> <div>CH# 219B - 91.7 MHz, Pwr= 20 kW, HAAT=137.0 M, COR= 354 M</div> <div>Average Protected F(50-50)= 42.37 km</div> </div> <div> <div>DISPLAY DATES</div> <div>DATA 03-23-05</div> </div>										
<div> <div>REFERENCE</div> <div>40 09 09 N</div> <div>88 06 56 W</div> </div> <div> <div>Ave. F(50-10) 40 dBu= 114.8</div> <div>54 dBu= 63.6</div> <div>80 dBu= 14.2</div> <div>100 dBu= 4.4</div> </div> <div> <div>SEARCH 03-23-05</div> </div>										
CH	CALL	TYPE	AZI.	DIST	LAT.	Pwr(kW)	COR(M)	PRO(km)	*IN*	*OUT*
CITY	STATE		<--	FILE #	LNG.	HAAT(M)	INT(km)	LICENSEE	(Overlap in km)	
219B WBGL Champaign	LIC IL	CN	0.0 180.0	0.00 BLED19821108AZ	40 09 09 88 06 56	20.000 148	354 116.5	43.8	-159.62*<	-159.42*< Illinois Bible Institute, i
220B WUIS Springfield	LIC IL	CN	250.5 70.5	120.84 BLED19871020KH	39 47 00 89 26 46	50.000 150	329 78.1	52.2	0.76	5.60 The Board Of Trustees Of T
218A WFWR Attica	LIC IN	VN	78.9 258.9	75.26 BLED20000828ADT	40 16 47 87 14 50	0.165 58	252 12.6	9.0	18.74	0.80< Fountain Warren Community
218A WFWR.A Attica	APP IN	V	78.9 258.9	75.26 BPED19980217MC	40 16 47 87 14 50	0.165 -146	48 9.1	6.4	22.22	3.41 Fountain Warren Community
218B WCIC Pekin	LIC IL	DCN	290.6 110.6	131.32 BLED19981116KA	40 33 28 89 34 04	47.000 146	339 76.7	51.2	12.99	17.52 Illinois Bible Institute,
220B WJCH Joliet	LIC IL	CN	354.7 174.7	140.85 BLED19860505KF	41 24 55 88 16 19	50.000 160	319 79.6	53.5	18.31	23.07 Family Stations, Inc.
217B1 WJCZ.C Milford	CP IL	DCN	15.0 195.0	49.77 BMPED20040414AAV	40 35 07 87 57 47	25.000 10	234 2.3	22.7	3.99	22.54 Csn International
219A WVNL Vandalia	LIC IL	CX	212.5 32.5	158.66 BLED20021028AAI	38 56 42 89 06 10	0.100 64	210 27.3	8.2	88.32	34.85 Illinois Bible Institute,
218A WLHW.C Casey	CP IL	CX	172.5 352.5	95.03 BPED19941110MA	39 18 14 87 58 15	6.000 42	247 27.7	18.9	23.27	10.57 Word Power, Inc.
219A WIWC Kokomo	LIC IN	C	71.5 251.5	161.82 BMLLED20030404ABG	40 36 00 86 18 08	2.100 103	319 71.2	22.7	46.99	22.72 The Moody Bible Insti tute
220A WHOJ Terre Haute	LIC IN	C	140.9 320.9	97.69 BLED20000728AAK	39 28 05 87 23 55	0.963 17	188 14.0	10.1	39.14	21.41 Covenant Network
220A WHOJ.C Terre Haute	CP IN	CX	140.9 320.9	97.69 BPED20041018AAQ	39 28 05 87 23 55	1.200 17	188 14.8	10.6	38.34	20.85 Covenant Network
220A WJEF Lafayette	LIC IN	CN	75.1 255.1	109.06 BLED949	40 23 52 86 52 26	0.250 44	226 12.1	8.6	53.18	35.18 Lafayette School Corp.
221A WWGO« Charleston	LIC IL	ZCN	196.6 16.6	72.36 BLH20020418ABC	39 31 40 88 21 23	6.000 105	305 4.1	29.0	25.01	38.85 Whqq, Inc
273A WGNN« Fisher	LIC IL	CN	310.3 130.3	32.19 BLED19960415KB	40 20 21 88 24 18	6.000 106	325 44.9	29.1	15.0R	17.2M Good News Radi o, Inc
273B1 WGNN« Fisher	RSV IL	N	341.4 161.4	45.10	40 32 14 88 17 09	25.000 101	334 60.4	44.9	17.0R	28.1M Good News Radi o, Inc
06+2C KWQCTV Davenport	LI IA	HN	308.8 128.8	252.22 BLCT19821108KN	41 32 49 90 28 35	100.000 431	611 11.7	114.1	159.0R	93.2M Young Broadcasting Of Dave
06Z1C WRTV Indianapolis	LI IN	HY	99.2 279.2	165.87 BLCT20011203CES	39 53 58 86 12 02	100.000 263	534 12.6	100.2	159.0R	6.9M Mcgraw-hill Broadcasting C

ERP and HAAT are on direct line to and from reference station.

• affixed to TV6 Margin= no direct-line contour overlap.

***affixed to 'IN' or 'Out' values = site inside protected contour.

"«" = station meets FCC minimum distance spacing for its class. "<" = contour overlap

HOW TO READ THE FM COMPUTER PRINT-OUT

The computer printout should be self-explanatory for the most part. The parameters of the station being checked, (reference station) are printed in the heading. The 60 dBu protected contour is predicted from the Commission's F(50-50) table, while the 40, 54, 80 and 100 dBu contours are interference contours derived from the Commission's F(50-10) table. Contour distances are in kilometers and are predicted using spline interpolation from data points identical to those published in Report No. RS 76-01 by Gary C. Kalagian. Critical contour distances are determined using the Commission's TVFMINT FORTRAN subroutine. When interference contour distances are less than 16 kilometers the F(50-50) tables are used. If signal contour distances are less than 1.6 km the free-space equation is used.

The column listed "** IN **" is the sum of the reference station's 60 dBu protected contour and the data file station's interference contour subtracted from the distance between the stations. (All distances are derived by the method detailed in Sec. 73.208 of the Rules and Regulations as amended in Docket 80-90.) Therefore, the column is a measure of incoming interference. Negative distances in this column indicate the presence of interference. Listed antenna heights are the average heights of eight standard radials as found in the Commission's records unless otherwise noted, in which case the specific antenna heights and the DA power, if applicable, along the straight line azimuths between the reference station and the database station are used and visa versa. The column labeled "** OUT **" shows the distance in kilometers of overlap or clearance between the reference station's interference contour and the database station's protected contour. Negative distance figures in this column indicate outgoing overlap interference.

Under the "AZIMUTH" column, the first row of numbers indicate the bearings from True North of the data base stations in relationship with the reference station, while the numbers in the second row indicate the reverse bearings from the database station to the reference station.

The columns labeled "INT" and "PRO" hold the distance in kilometers of the appropriate interference contour and the protected contour of a data base station.

For I.F. relationships the "IN" and "OUT" columns change their significance. The letter "R" stands for the minimum **required** distance in kilometers, while the letter "M" in the next column follows the **available clear space** separation in kilometers. Minimum separation distances when displayed are taken from Sec 73.207 of the rules as amended. Canadian and Mexican separation distances, U/D ratios and protected contour values are from the US/Mexican Working Agreement and the US/Canada Working Agreement".

The first three letters of the "TYPE" column identify the current FCC status of the stations. The fourth letter will be a "D" if the facility is directional. "Z" indicates a 73.215 directional. An "N" indicates it is a 73.215 station that operates omni. The fifth letter will be an E, H or V depending on the type of antenna polarization. The sixth letter will be a "Y" if the antenna uses beam tilt or an "X" if the commission is not sure, otherwise it will be an "N".

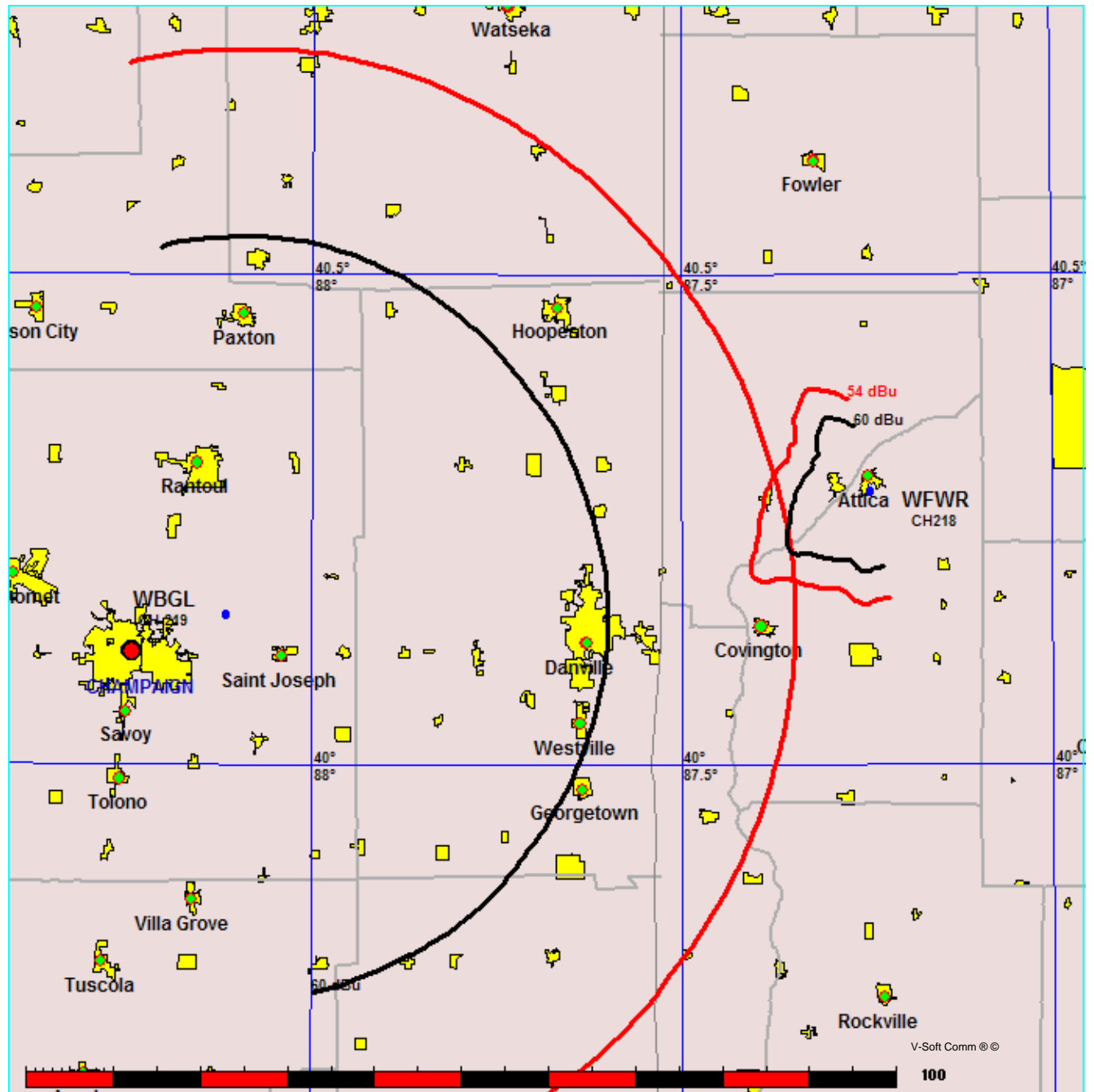
Illinois Bible Institute, Inc.
Proposed Coordinate Corrected Facility

FMCommander Allocation Study
03-24-2005

WBGL CH 219 B
20 kW 352 M COR
Prot. = 60 dBu
Intef. = 54 dBu

WFWR CH 218 A BLED20000828ADT
.165 kW, 252 M COR
Prot. = 60 dBu
Intef. = 54 dBu

Scale = 1:1,125,000



03-24-2005

30 Sec. Terrain Data

FMOver Analysis

WBGL

Channel = 219B

Max ERP = 20 kW

RCAMSL = 352 M

N. Lat = 40 09 12

W. Lng = 88 06 56

Protected

60 dBu

WFWR

BLED20000828ADT

Channel = 218A

Max ERP = 0.165 kW

RCAMSL = 252 M

N. Lat = 40 16 47

W. Lng = 87 14 50

Interfering

54 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
019.0	020.0000	0144.2	043.3	294.6	000.1650	0038.5	065.4	25.85
020.0	020.0000	0144.1	043.3	294.7	000.1650	0038.5	064.7	26.02
021.0	020.0000	0144.0	043.3	294.7	000.1650	0038.5	063.9	26.18
022.0	020.0000	0143.9	043.3	294.7	000.1650	0038.5	063.2	26.35
023.0	020.0000	0143.8	043.3	294.7	000.1650	0038.5	062.4	26.51
024.0	020.0000	0143.6	043.2	294.7	000.1650	0038.5	061.6	26.68
025.0	020.0000	0143.7	043.2	294.7	000.1650	0038.5	060.9	26.86
026.0	020.0000	0143.8	043.3	294.7	000.1650	0038.5	060.1	27.03
027.0	020.0000	0143.9	043.3	294.7	000.1650	0038.5	059.4	27.21
028.0	020.0000	0143.8	043.3	294.6	000.1650	0038.5	058.6	27.39
029.0	020.0000	0143.6	043.2	294.5	000.1650	0038.5	057.9	27.57
030.0	020.0000	0143.6	043.2	294.5	000.1650	0037.7	057.1	27.66
031.0	020.0000	0143.6	043.2	294.4	000.1650	0037.7	056.4	27.84
032.0	020.0000	0143.6	043.2	294.3	000.1650	0037.7	055.6	28.02
033.0	020.0000	0143.4	043.2	294.1	000.1650	0037.7	054.9	28.20
034.0	020.0000	0143.3	043.2	294.0	000.1650	0037.7	054.2	28.38
035.0	020.0000	0143.1	043.2	293.8	000.1650	0037.7	053.4	28.57
036.0	020.0000	0143.0	043.2	293.6	000.1650	0037.7	052.7	28.75
037.0	020.0000	0143.0	043.2	293.4	000.1650	0037.2	052.0	28.84
038.0	020.0000	0143.2	043.2	293.2	000.1650	0037.2	051.2	29.02
039.0	020.0000	0143.3	043.2	293.0	000.1650	0037.2	050.5	29.20
040.0	020.0000	0143.5	043.2	292.8	000.1650	0037.2	049.8	29.38
041.0	020.0000	0143.4	043.2	292.5	000.1650	0036.9	049.1	29.50
042.0	020.0000	0143.2	043.2	292.2	000.1650	0036.9	048.4	29.67
043.0	020.0000	0143.0	043.2	291.8	000.1650	0036.9	047.7	29.84
044.0	020.0000	0142.9	043.1	291.5	000.1650	0036.7	047.0	30.00
045.0	020.0000	0142.8	043.1	291.1	000.1650	0036.7	046.3	30.18
046.0	020.0000	0142.7	043.1	290.7	000.1650	0036.7	045.6	30.36
047.0	020.0000	0142.6	043.1	290.2	000.1650	0036.8	045.0	30.55
048.0	020.0000	0142.5	043.1	289.8	000.1650	0036.8	044.3	30.74
049.0	020.0000	0142.5	043.1	289.3	000.1650	0036.9	043.6	30.96
050.0	020.0000	0142.4	043.1	288.7	000.1650	0036.9	043.0	31.15
051.0	020.0000	0142.3	043.1	288.2	000.1650	0037.5	042.4	31.44
052.0	020.0000	0142.3	043.1	287.6	000.1650	0037.5	041.8	31.63
053.0	020.0000	0142.3	043.1	287.0	000.1650	0038.2	041.1	31.97
054.0	020.0000	0142.4	043.1	286.4	000.1650	0039.2	040.5	32.35
055.0	020.0000	0142.4	043.1	285.7	000.1650	0039.2	040.0	32.55

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
056.0	020.0000	0142.5	043.1	285.0	000.1650	0040.0	039.4	32.91
057.0	020.0000	0142.7	043.1	284.3	000.1650	0040.7	038.8	33.25
058.0	020.0000	0143.1	043.2	283.6	000.1650	0040.7	038.2	33.45
059.0	020.0000	0143.6	043.2	282.8	000.1650	0041.3	037.7	33.77
060.0	020.0000	0144.1	043.3	282.0	000.1650	0042.0	037.1	34.10
061.0	020.0000	0144.4	043.3	281.2	000.1650	0042.6	036.6	34.42
062.0	020.0000	0144.5	043.3	280.2	000.1650	0043.3	036.1	34.74
063.0	020.0000	0144.5	043.3	279.3	000.1650	0044.2	035.6	35.07
064.0	020.0000	0144.5	043.4	278.3	000.1650	0045.0	035.2	35.38
065.0	020.0000	0144.6	043.4	277.2	000.1650	0045.6	034.8	35.66
066.0	020.0000	0144.7	043.4	276.2	000.1650	0046.2	034.4	35.93
067.0	020.0000	0144.6	043.4	275.1	000.1650	0046.6	034.0	36.15
068.0	020.0000	0144.7	043.4	273.9	000.1650	0047.1	033.7	36.38
069.0	020.0000	0144.8	043.4	272.7	000.1650	0047.6	033.4	36.61
070.0	020.0000	0144.9	043.4	271.5	000.1650	0048.2	033.1	36.85
071.0	020.0000	0144.9	043.4	270.3	000.1650	0050.2	032.8	37.30
072.0	020.0000	0144.9	043.4	269.0	000.1650	0051.2	032.6	37.57
073.0	020.0000	0145.0	043.4	267.7	000.1650	0052.2	032.4	37.82
074.0	020.0000	0145.2	043.4	266.4	000.1650	0052.9	032.2	38.02
075.0	020.0000	0145.4	043.5	265.1	000.1650	0053.2	032.0	38.15
076.0	020.0000	0145.7	043.5	263.8	000.1650	0053.6	031.8	38.27
077.0	020.0000	0146.0	043.5	262.4	000.1650	0054.5	031.7	38.47
078.0	020.0000	0146.3	043.6	261.0	000.1650	0055.5	031.6	38.66
079.0	020.0000	0146.6	043.6	259.7	000.1650	0056.6	031.6	38.85
080.0	020.0000	0147.0	043.7	258.3	000.1650	0059.0	031.5	39.21
081.0	020.0000	0147.4	043.7	256.9	000.1650	0060.3	031.5	39.39
082.0	020.0000	0147.7	043.8	255.5	000.1650	0062.7	031.6	39.68
083.0	020.0000	0148.0	043.8	254.1	000.1650	0063.8	031.6	39.79
084.0	020.0000	0148.2	043.8	252.7	000.1650	0064.9	031.7	39.86
085.0	020.0000	0148.2	043.8	251.4	000.1650	0066.9	031.9	40.04
086.0	020.0000	0148.1	043.8	250.1	000.1650	0067.7	032.1	40.03
087.0	020.0000	0148.1	043.8	248.8	000.1650	0068.6	032.3	40.05
088.0	020.0000	0148.2	043.8	247.5	000.1650	0072.1	032.6	40.34
089.0	020.0000	0148.3	043.8	246.2	000.1650	0074.8	032.9	40.53
090.0	020.0000	0148.4	043.9	245.0	000.1650	0077.2	033.2	40.68
091.0	020.0000	0148.5	043.9	243.8	000.1650	0079.1	033.5	40.74
092.0	020.0000	0148.6	043.9	242.7	000.1650	0080.6	033.9	40.75
093.0	020.0000	0148.8	043.9	241.5	000.1650	0082.3	034.2	40.75
094.0	020.0000	0148.9	043.9	240.4	000.1650	0086.5	034.6	41.02
095.0	020.0000	0149.1	043.9	239.4	000.1650	0089.0	035.1	41.09
096.0	020.0000	0149.2	044.0	238.4	000.1650	0091.3	035.5	41.11
097.0	020.0000	0149.3	044.0	237.4	000.1650	0093.0	036.0	41.06
098.0	020.0000	0149.2	044.0	236.5	000.1650	0094.3	036.5	40.95
099.0	020.0000	0149.2	044.0	235.6	000.1650	0094.3	037.0	40.72
100.0	020.0000	0149.1	043.9	234.8	000.1650	0095.1	037.6	40.56
101.0	020.0000	0149.0	043.9	234.0	000.1650	0095.6	038.1	40.35
102.0	020.0000	0149.0	043.9	233.2	000.1650	0095.5	038.7	40.10
103.0	020.0000	0148.9	043.9	232.5	000.1650	0095.5	039.3	39.85
104.0	020.0000	0148.8	043.9	231.8	000.1650	0095.0	039.9	39.54
105.0	020.0000	0148.7	043.9	231.2	000.1650	0093.9	040.5	39.19
106.0	020.0000	0148.8	043.9	230.6	000.1650	0093.9	041.1	38.93

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
107.0	020.0000	0148.8	043.9	230.0	000.1650	0092.4	041.8	38.53
108.0	020.0000	0148.9	043.9	229.4	000.1650	0090.2	042.4	38.07
109.0	020.0000	0148.9	043.9	228.9	000.1650	0090.2	043.1	37.81
110.0	020.0000	0148.9	043.9	228.4	000.1650	0087.2	043.8	37.27
111.0	020.0000	0149.0	043.9	227.9	000.1650	0087.2	044.4	37.01
112.0	020.0000	0149.1	043.9	227.5	000.1650	0083.4	045.1	36.39
113.0	020.0000	0149.2	044.0	227.1	000.1650	0083.4	045.8	36.14
114.0	020.0000	0149.2	044.0	226.7	000.1650	0083.4	046.5	35.88
115.0	020.0000	0149.1	043.9	226.4	000.1650	0079.2	047.2	35.23
116.0	020.0000	0149.0	043.9	226.1	000.1650	0079.2	048.0	34.97
117.0	020.0000	0148.9	043.9	225.8	000.1650	0079.2	048.7	34.72
118.0	020.0000	0148.8	043.9	225.5	000.1650	0079.2	049.4	34.47
119.0	020.0000	0148.7	043.9	225.3	000.1650	0075.4	050.2	33.87
120.0	020.0000	0148.8	043.9	225.0	000.1650	0075.4	050.9	33.61
121.0	020.0000	0148.8	043.9	224.8	000.1650	0075.4	051.6	33.35
122.0	020.0000	0148.9	043.9	224.6	000.1650	0075.4	052.4	33.10
123.0	020.0000	0148.9	043.9	224.4	000.1650	0072.5	053.1	32.58
124.0	020.0000	0148.9	043.9	224.3	000.1650	0072.5	053.9	32.33
125.0	020.0000	0148.8	043.9	224.2	000.1650	0072.5	054.7	32.07
126.0	020.0000	0148.7	043.9	224.1	000.1650	0072.5	055.4	31.81
127.0	020.0000	0148.7	043.9	224.0	000.1650	0072.5	056.2	31.55
128.0	020.0000	0148.8	043.9	223.9	000.1650	0072.5	056.9	31.30
129.0	020.0000	0148.9	043.9	223.8	000.1650	0072.5	057.7	31.05
130.0	020.0000	0149.2	044.0	223.7	000.1650	0072.5	058.5	30.80
131.0	020.0000	0149.6	044.0	223.6	000.1650	0072.5	059.2	30.55
132.0	020.0000	0150.0	044.1	223.6	000.1650	0072.5	060.0	30.30
133.0	020.0000	0150.4	044.1	223.5	000.1650	0072.5	060.8	30.06
134.0	020.0000	0150.7	044.1	223.5	000.1650	0070.5	061.5	29.68
135.0	020.0000	0150.9	044.2	223.5	000.1650	0070.5	062.3	29.45
136.0	020.0000	0151.1	044.2	223.5	000.1650	0070.5	063.1	29.22
137.0	020.0000	0151.3	044.2	223.5	000.1650	0070.5	063.9	29.00
138.0	020.0000	0151.5	044.3	223.5	000.1650	0072.5	064.6	28.93
139.0	020.0000	0151.6	044.3	223.6	000.1650	0072.5	065.4	28.72

03-24-2005 30 Sec. Terrain Data

WFWR BLED20000828ADT

Channel = 218A

Max ERP = 0.165 kW

RCAMSL = 252 M

N. Lat = 40 16 47

W. Lng = 87 14 50

Protected

60 dBu

WBGL

Channel = 219B

Max ERP = 20 kW

RCAMSL = 352 M

N. Lat = 40 09 12

W. Lng = 88 06 56

Interfering

54 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
199.0	000.1650	0050.9	008.4	084.8	020.0000	0148.2	071.5	52.01
200.0	000.1650	0051.5	008.4	084.8	020.0000	0148.2	071.3	52.06
201.0	000.1650	0052.3	008.5	084.8	020.0000	0148.2	071.2	52.11
202.0	000.1650	0053.1	008.6	084.8	020.0000	0148.2	071.0	52.17
203.0	000.1650	0053.7	008.6	084.8	020.0000	0148.2	070.8	52.22
204.0	000.1650	0054.3	008.7	084.8	020.0000	0148.2	070.7	52.27
205.0	000.1650	0055.0	008.8	084.8	020.0000	0148.2	070.5	52.32
206.0	000.1650	0055.6	008.8	084.7	020.0000	0148.2	070.4	52.37
207.0	000.1650	0056.2	008.9	084.7	020.0000	0148.2	070.2	52.42
208.0	000.1650	0056.7	008.9	084.7	020.0000	0148.2	070.0	52.47
209.0	000.1650	0057.2	008.9	084.6	020.0000	0148.2	069.9	52.52
210.0	000.1650	0057.8	009.0	084.6	020.0000	0148.2	069.7	52.57
211.0	000.1650	0058.6	009.0	084.5	020.0000	0148.2	069.6	52.62
212.0	000.1650	0059.5	009.1	084.5	020.0000	0148.2	069.4	52.68
213.0	000.1650	0060.3	009.2	084.5	020.0000	0148.2	069.2	52.73
214.0	000.1650	0061.1	009.2	084.4	020.0000	0148.2	069.1	52.78
215.0	000.1650	0062.0	009.3	084.4	020.0000	0148.2	068.9	52.84
216.0	000.1650	0063.0	009.4	084.3	020.0000	0148.2	068.8	52.89
217.0	000.1650	0064.0	009.4	084.3	020.0000	0148.2	068.6	52.95
218.0	000.1650	0064.8	009.5	084.2	020.0000	0148.2	068.4	53.00
219.0	000.1650	0065.5	009.5	084.2	020.0000	0148.2	068.3	53.05
220.0	000.1650	0066.4	009.6	084.1	020.0000	0148.2	068.1	53.10
221.0	000.1650	0067.6	009.7	084.0	020.0000	0148.2	067.9	53.16
222.0	000.1650	0069.0	009.8	084.0	020.0000	0148.2	067.8	53.22
223.0	000.1650	0070.5	009.9	083.9	020.0000	0148.2	067.6	53.28
224.0	000.1650	0072.5	010.0	083.9	020.0000	0148.2	067.4	53.35
225.0	000.1650	0075.4	010.2	083.9	020.0000	0148.2	067.1	53.43
226.0	000.1650	0079.2	010.4	083.9	020.0000	0148.2	066.8	53.53
227.0	000.1650	0083.4	010.7	083.9	020.0000	0148.2	066.5	53.63
228.0	000.1650	0087.2	010.9	083.9	020.0000	0148.2	066.2	53.73
229.0	000.1650	0090.2	011.1	083.8	020.0000	0148.2	065.9	53.81
230.0	000.1650	0092.4	011.2	083.8	020.0000	0148.2	065.7	53.88
231.0	000.1650	0093.9	011.3	083.7	020.0000	0148.2	065.5	53.94
232.0	000.1650	0095.0	011.4	083.5	020.0000	0148.2	065.4	53.99

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
233.0	000.1650	0095.5	011.4	083.4	020.0000	0148.0	065.3	54.03**
234.0	000.1650	0095.6	011.4	083.3	020.0000	0148.0	065.2	54.06**
235.0	000.1650	0095.1	011.4	083.1	020.0000	0148.0	065.1	54.09**
236.0	000.1650	0094.3	011.3	082.9	020.0000	0148.0	065.0	54.10**
237.0	000.1650	0093.0	011.2	082.7	020.0000	0148.0	065.0	54.11**
238.0	000.1650	0091.3	011.1	082.5	020.0000	0148.0	065.0	54.11**
239.0	000.1650	0089.0	011.0	082.3	020.0000	0147.7	065.0	54.08**
240.0	000.1650	0086.5	010.9	082.1	020.0000	0147.7	065.1	54.06**
241.0	000.1650	0084.3	010.7	081.9	020.0000	0147.7	065.2	54.05**
242.0	000.1650	0082.3	010.6	081.7	020.0000	0147.7	065.2	54.03**
243.0	000.1650	0080.6	010.5	081.6	020.0000	0147.7	065.2	54.02**
244.0	000.1650	0079.1	010.4	081.4	020.0000	0147.4	065.3	53.99
245.0	000.1650	0077.2	010.3	081.2	020.0000	0147.4	065.3	53.97
246.0	000.1650	0074.8	010.1	081.0	020.0000	0147.4	065.4	53.94
247.0	000.1650	0072.1	010.0	080.8	020.0000	0147.4	065.5	53.90
248.0	000.1650	0070.1	009.8	080.6	020.0000	0147.4	065.6	53.87
249.0	000.1650	0068.6	009.7	080.5	020.0000	0147.0	065.7	53.83
250.0	000.1650	0067.7	009.7	080.3	020.0000	0147.0	065.7	53.82
251.0	000.1650	0066.9	009.6	080.2	020.0000	0147.0	065.7	53.82
252.0	000.1650	0065.8	009.6	080.0	020.0000	0147.0	065.8	53.80
253.0	000.1650	0064.9	009.5	079.9	020.0000	0147.0	065.8	53.79
254.0	000.1650	0063.8	009.4	079.7	020.0000	0147.0	065.9	53.77
255.0	000.1650	0062.7	009.3	079.6	020.0000	0147.0	065.9	53.75
256.0	000.1650	0061.6	009.3	079.4	020.0000	0146.6	066.0	53.71
257.0	000.1650	0060.3	009.2	079.3	020.0000	0146.6	066.1	53.68
258.0	000.1650	0059.0	009.1	079.1	020.0000	0146.6	066.2	53.65
259.0	000.1650	0057.9	009.0	079.0	020.0000	0146.6	066.3	53.62
260.0	000.1650	0056.6	008.9	078.9	020.0000	0146.6	066.4	53.59
261.0	000.1650	0055.5	008.8	078.7	020.0000	0146.6	066.5	53.56
262.0	000.1650	0054.5	008.7	078.6	020.0000	0146.6	066.5	53.53
263.0	000.1650	0053.8	008.6	078.5	020.0000	0146.3	066.6	53.49
264.0	000.1650	0053.6	008.6	078.3	020.0000	0146.3	066.6	53.48
265.0	000.1650	0053.2	008.6	078.2	020.0000	0146.3	066.7	53.46
266.0	000.1650	0052.9	008.6	078.1	020.0000	0146.3	066.7	53.45
267.0	000.1650	0052.7	008.5	078.0	020.0000	0146.3	066.8	53.43
268.0	000.1650	0052.2	008.5	077.8	020.0000	0146.3	066.9	53.41
269.0	000.1650	0051.2	008.4	077.7	020.0000	0146.3	067.0	53.37
270.0	000.1650	0050.2	008.3	077.6	020.0000	0146.3	067.1	53.33
271.0	000.1650	0049.2	008.2	077.5	020.0000	0146.3	067.2	53.29
272.0	000.1650	0048.2	008.1	077.4	020.0000	0146.0	067.3	53.24
273.0	000.1650	0047.6	008.1	077.3	020.0000	0146.0	067.4	53.20
274.0	000.1650	0047.1	008.0	077.2	020.0000	0146.0	067.5	53.17
275.0	000.1650	0046.6	007.9	077.1	020.0000	0146.0	067.6	53.15
276.0	000.1650	0046.2	007.9	077.0	020.0000	0146.0	067.7	53.12
277.0	000.1650	0045.6	007.9	076.9	020.0000	0146.0	067.8	53.09
278.0	000.1650	0045.0	007.8	076.8	020.0000	0146.0	067.9	53.05
279.0	000.1650	0044.2	007.7	076.8	020.0000	0146.0	068.0	53.02
280.0	000.1650	0043.3	007.6	076.7	020.0000	0146.0	068.1	52.97
281.0	000.1650	0042.6	007.6	076.6	020.0000	0146.0	068.3	52.94
282.0	000.1650	0042.0	007.5	076.5	020.0000	0146.0	068.4	52.90
283.0	000.1650	0041.3	007.4	076.4	020.0000	0145.7	068.5	52.85

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
284.0	000.1650	0040.7	007.4	076.4	020.0000	0145.7	068.6	52.82
285.0	000.1650	0040.0	007.3	076.3	020.0000	0145.7	068.7	52.78
286.0	000.1650	0039.2	007.2	076.2	020.0000	0145.7	068.8	52.74
287.0	000.1650	0038.2	007.1	076.2	020.0000	0145.7	069.0	52.69
288.0	000.1650	0037.5	007.1	076.1	020.0000	0145.7	069.1	52.65
289.0	000.1650	0036.9	007.0	076.1	020.0000	0145.7	069.2	52.62
290.0	000.1650	0036.8	007.0	076.0	020.0000	0145.7	069.3	52.59
291.0	000.1650	0036.7	007.0	075.9	020.0000	0145.7	069.4	52.57
292.0	000.1650	0036.9	007.0	075.8	020.0000	0145.7	069.4	52.55
293.0	000.1650	0037.2	007.0	075.7	020.0000	0145.7	069.5	52.53
294.0	000.1650	0037.7	007.1	075.6	020.0000	0145.7	069.5	52.52
295.0	000.1650	0038.5	007.2	075.5	020.0000	0145.4	069.5	52.50
296.0	000.1650	0039.2	007.2	075.4	020.0000	0145.4	069.6	52.49
297.0	000.1650	0039.5	007.3	075.3	020.0000	0145.4	069.6	52.47
298.0	000.1650	0039.4	007.3	075.2	020.0000	0145.4	069.7	52.44
299.0	000.1650	0038.9	007.2	075.2	020.0000	0145.4	069.8	52.40
300.0	000.1650	0038.3	007.2	075.1	020.0000	0145.4	070.0	52.36
301.0	000.1650	0037.9	007.1	075.1	020.0000	0145.4	070.1	52.33
302.0	000.1650	0037.7	007.1	075.0	020.0000	0145.4	070.2	52.30
303.0	000.1650	0037.9	007.1	074.9	020.0000	0145.4	070.3	52.27
304.0	000.1650	0038.3	007.2	074.8	020.0000	0145.4	070.3	52.25
305.0	000.1650	0039.1	007.2	074.7	020.0000	0145.4	070.4	52.23
306.0	000.1650	0040.2	007.3	074.6	020.0000	0145.4	070.4	52.22
307.0	000.1650	0041.6	007.5	074.4	020.0000	0145.2	070.4	52.20
308.0	000.1650	0043.1	007.6	074.3	020.0000	0145.2	070.4	52.20
309.0	000.1650	0044.6	007.8	074.1	020.0000	0145.2	070.5	52.19
310.0	000.1650	0046.1	007.9	073.9	020.0000	0145.2	070.5	52.18
311.0	000.1650	0047.7	008.1	073.8	020.0000	0145.2	070.5	52.18
312.0	000.1650	0049.3	008.2	073.6	020.0000	0145.2	070.5	52.17
313.0	000.1650	0050.7	008.4	073.4	020.0000	0145.0	070.6	52.14
314.0	000.1650	0051.9	008.5	073.3	020.0000	0145.0	070.7	52.12
315.0	000.1650	0052.8	008.6	073.2	020.0000	0145.0	070.7	52.09
316.0	000.1650	0053.7	008.6	073.1	020.0000	0145.0	070.8	52.06
317.0	000.1650	0054.6	008.7	073.0	020.0000	0145.0	070.9	52.03
318.0	000.1650	0055.6	008.8	072.8	020.0000	0145.0	071.0	52.00
319.0	000.1650	0056.5	008.9	072.7	020.0000	0145.0	071.1	51.96

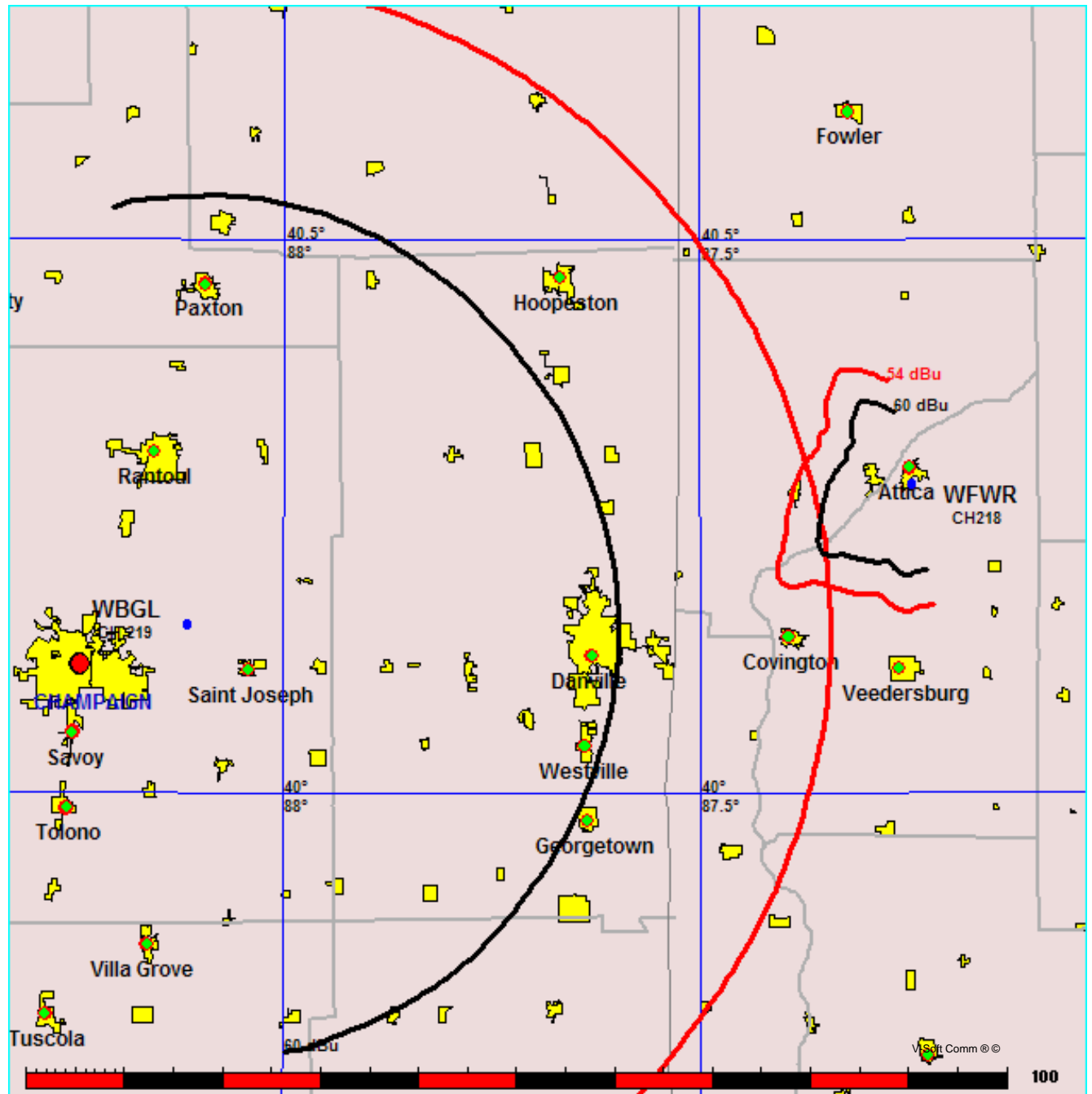
Illinois Bible Institute, Inc.
WBGL - Existing Facility

FMCommander Allocation Study
03-23-2005

WBGL CH 219 B
20 kW 354 M COR
Prot. = 60 dBu
Intef. = 54 dBu

WFWR CH 218 A BLED20000828ADT
.165 kW, 252 M COR
Prot. = 60 dBu
Intef. = 54 dBu

Scale = 1:1,000,000



03-24-2005

30 Sec. Terrain Data

FMOver Analysis

WBGL

Channel = 219B

Max ERP = 20 kW

RCAMSL = 354 M

N. Lat = 40 09 09

W. Lng = 88 06 56

Protected

60 dBu

WFWR BLED20000828ADT

Channel = 218A

Max ERP = 0.165 kW

RCAMSL = 252 M

N. Lat = 40 16 47

W. Lng = 87 14 50

Interfering

54 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
019.0	020.0000	0146.3	043.6	294.8	000.1650	0038.5	065.4	25.85
020.0	020.0000	0146.2	043.6	294.8	000.1650	0038.5	064.6	26.02
021.0	020.0000	0146.1	043.6	294.9	000.1650	0038.5	063.9	26.19
022.0	020.0000	0146.0	043.5	294.9	000.1650	0038.5	063.1	26.35
023.0	020.0000	0145.9	043.5	294.9	000.1650	0038.5	062.4	26.52
024.0	020.0000	0145.8	043.5	294.9	000.1650	0038.5	061.6	26.69
025.0	020.0000	0145.8	043.5	294.9	000.1650	0038.5	060.8	26.87
026.0	020.0000	0145.9	043.5	294.9	000.1650	0038.5	060.1	27.05
027.0	020.0000	0146.0	043.5	294.9	000.1650	0038.5	059.3	27.23
028.0	020.0000	0145.8	043.5	294.8	000.1650	0038.5	058.6	27.41
029.0	020.0000	0145.7	043.5	294.7	000.1650	0038.5	057.8	27.59
030.0	020.0000	0145.7	043.5	294.7	000.1650	0038.5	057.1	27.77
031.0	020.0000	0145.7	043.5	294.6	000.1650	0038.5	056.3	27.96
032.0	020.0000	0145.6	043.5	294.5	000.1650	0037.7	055.6	28.04
033.0	020.0000	0145.5	043.5	294.3	000.1650	0037.7	054.8	28.22
034.0	020.0000	0145.3	043.5	294.2	000.1650	0037.7	054.1	28.41
035.0	020.0000	0145.2	043.4	294.0	000.1650	0037.7	053.3	28.59
036.0	020.0000	0145.1	043.4	293.8	000.1650	0037.7	052.6	28.77
037.0	020.0000	0145.2	043.4	293.6	000.1650	0037.7	051.9	28.96
038.0	020.0000	0145.3	043.5	293.4	000.1650	0037.2	051.1	29.05
039.0	020.0000	0145.5	043.5	293.2	000.1650	0037.2	050.4	29.23
040.0	020.0000	0145.6	043.5	293.0	000.1650	0037.2	049.7	29.41
041.0	020.0000	0145.5	043.5	292.7	000.1650	0037.2	048.9	29.59
042.0	020.0000	0145.3	043.4	292.4	000.1650	0036.9	048.2	29.70
043.0	020.0000	0145.1	043.4	292.0	000.1650	0036.9	047.5	29.88
044.0	020.0000	0145.0	043.4	291.7	000.1650	0036.9	046.8	30.05
045.0	020.0000	0144.9	043.4	291.3	000.1650	0036.7	046.2	30.21
046.0	020.0000	0144.8	043.4	290.9	000.1650	0036.7	045.5	30.40
047.0	020.0000	0144.7	043.4	290.4	000.1650	0036.8	044.8	30.59
048.0	020.0000	0144.6	043.4	289.9	000.1650	0036.8	044.1	30.78
049.0	020.0000	0144.5	043.4	289.4	000.1650	0036.9	043.5	31.01
050.0	020.0000	0144.4	043.3	288.9	000.1650	0036.9	042.8	31.20
051.0	020.0000	0144.4	043.3	288.4	000.1650	0037.5	042.2	31.49
052.0	020.0000	0144.4	043.3	287.8	000.1650	0037.5	041.6	31.69
053.0	020.0000	0144.4	043.3	287.2	000.1650	0038.2	041.0	32.03
054.0	020.0000	0144.5	043.3	286.5	000.1650	0038.2	040.4	32.23
055.0	020.0000	0144.5	043.3	285.9	000.1650	0039.2	039.8	32.61

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
056.0	020.0000	0144.6	043.4	285.2	000.1650	0040.0	039.2	32.98
057.0	020.0000	0144.9	043.4	284.5	000.1650	0040.7	038.6	33.32
058.0	020.0000	0145.3	043.5	283.7	000.1650	0040.7	038.0	33.53
059.0	020.0000	0145.9	043.5	283.0	000.1650	0041.3	037.4	33.86
060.0	020.0000	0146.3	043.6	282.2	000.1650	0042.0	036.9	34.18
061.0	020.0000	0146.5	043.6	281.3	000.1650	0042.6	036.4	34.50
062.0	020.0000	0146.5	043.6	280.4	000.1650	0043.3	035.9	34.82
063.0	020.0000	0146.5	043.6	279.4	000.1650	0044.2	035.4	35.16
064.0	020.0000	0146.6	043.6	278.4	000.1650	0045.0	035.0	35.48
065.0	020.0000	0146.7	043.6	277.3	000.1650	0045.6	034.6	35.76
066.0	020.0000	0146.7	043.6	276.2	000.1650	0046.2	034.2	36.03
067.0	020.0000	0146.7	043.6	275.1	000.1650	0046.6	033.8	36.25
068.0	020.0000	0146.8	043.6	274.0	000.1650	0047.1	033.4	36.48
069.0	020.0000	0146.8	043.7	272.8	000.1650	0047.6	033.1	36.72
070.0	020.0000	0146.9	043.7	271.5	000.1650	0048.2	032.8	36.95
071.0	020.0000	0147.0	043.7	270.3	000.1650	0050.2	032.6	37.41
072.0	020.0000	0147.0	043.7	269.0	000.1650	0051.2	032.3	37.67
073.0	020.0000	0147.1	043.7	267.7	000.1650	0052.2	032.1	37.93
074.0	020.0000	0147.3	043.7	266.4	000.1650	0052.9	031.9	38.14
075.0	020.0000	0147.6	043.8	265.0	000.1650	0053.2	031.7	38.27
076.0	020.0000	0147.9	043.8	263.7	000.1650	0053.6	031.6	38.39
077.0	020.0000	0148.1	043.8	262.3	000.1650	0054.5	031.5	38.60
078.0	020.0000	0148.4	043.9	260.9	000.1650	0055.5	031.4	38.79
079.0	020.0000	0148.8	043.9	259.5	000.1650	0057.9	031.3	39.17
080.0	020.0000	0149.2	044.0	258.1	000.1650	0059.0	031.3	39.34
081.0	020.0000	0149.6	044.0	256.7	000.1650	0060.3	031.3	39.51
082.0	020.0000	0149.9	044.0	255.3	000.1650	0062.7	031.3	39.80
083.0	020.0000	0150.1	044.1	253.9	000.1650	0063.8	031.4	39.90
084.0	020.0000	0150.2	044.1	252.5	000.1650	0065.8	031.5	40.08
085.0	020.0000	0150.2	044.1	251.1	000.1650	0066.9	031.7	40.14
086.0	020.0000	0150.1	044.1	249.8	000.1650	0067.7	031.9	40.13
087.0	020.0000	0150.1	044.1	248.5	000.1650	0070.1	032.1	40.32
088.0	020.0000	0150.2	044.1	247.2	000.1650	0072.1	032.4	40.44
089.0	020.0000	0150.3	044.1	245.9	000.1650	0074.8	032.7	40.63
090.0	020.0000	0150.5	044.1	244.7	000.1650	0077.2	033.0	40.77
091.0	020.0000	0150.6	044.1	243.5	000.1650	0080.6	033.3	41.00
092.0	020.0000	0150.7	044.1	242.3	000.1650	0082.3	033.7	41.01
093.0	020.0000	0150.9	044.2	241.1	000.1650	0084.3	034.0	41.05
094.0	020.0000	0151.0	044.2	240.0	000.1650	0086.5	034.5	41.10
095.0	020.0000	0151.2	044.2	239.0	000.1650	0089.0	034.9	41.16
096.0	020.0000	0151.2	044.2	238.0	000.1650	0091.3	035.3	41.18
097.0	020.0000	0151.3	044.2	237.0	000.1650	0093.0	035.8	41.13
098.0	020.0000	0151.2	044.2	236.1	000.1650	0094.3	036.3	41.02
099.0	020.0000	0151.1	044.2	235.2	000.1650	0095.1	036.9	40.85
100.0	020.0000	0151.1	044.2	234.4	000.1650	0095.6	037.4	40.65
101.0	020.0000	0151.0	044.2	233.6	000.1650	0095.6	038.0	40.40
102.0	020.0000	0150.9	044.2	232.8	000.1650	0095.5	038.6	40.15
103.0	020.0000	0150.8	044.2	232.1	000.1650	0095.0	039.2	39.84
104.0	020.0000	0150.7	044.2	231.4	000.1650	0093.9	039.8	39.48
105.0	020.0000	0150.8	044.2	230.8	000.1650	0093.9	040.4	39.22
106.0	020.0000	0150.8	044.2	230.2	000.1650	0092.4	041.1	38.82

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
107.0	020.0000	0150.9	044.2	229.6	000.1650	0092.4	041.7	38.56
108.0	020.0000	0150.9	044.2	229.0	000.1650	0090.2	042.3	38.10
109.0	020.0000	0150.9	044.2	228.5	000.1650	0087.2	043.0	37.56
110.0	020.0000	0151.0	044.2	228.0	000.1650	0087.2	043.7	37.29
111.0	020.0000	0151.1	044.2	227.5	000.1650	0087.2	044.4	37.03
112.0	020.0000	0151.1	044.2	227.1	000.1650	0083.4	045.1	36.41
113.0	020.0000	0151.2	044.2	226.7	000.1650	0083.4	045.8	36.15
114.0	020.0000	0151.2	044.2	226.3	000.1650	0079.2	046.5	35.49
115.0	020.0000	0151.1	044.2	226.0	000.1650	0079.2	047.2	35.24
116.0	020.0000	0151.0	044.2	225.7	000.1650	0079.2	047.9	34.98
117.0	020.0000	0150.9	044.2	225.4	000.1650	0075.4	048.7	34.38
118.0	020.0000	0150.8	044.2	225.2	000.1650	0075.4	049.4	34.12
119.0	020.0000	0150.8	044.2	224.9	000.1650	0075.4	050.2	33.87
120.0	020.0000	0150.8	044.2	224.7	000.1650	0075.4	050.9	33.61
121.0	020.0000	0150.9	044.2	224.5	000.1650	0072.5	051.7	33.09
122.0	020.0000	0151.0	044.2	224.3	000.1650	0072.5	052.4	32.84
123.0	020.0000	0151.0	044.2	224.1	000.1650	0072.5	053.2	32.58
124.0	020.0000	0150.9	044.2	224.0	000.1650	0072.5	053.9	32.32
125.0	020.0000	0150.8	044.2	223.8	000.1650	0072.5	054.7	32.06
126.0	020.0000	0150.7	044.2	223.7	000.1650	0072.5	055.5	31.80
127.0	020.0000	0150.7	044.2	223.7	000.1650	0072.5	056.2	31.54
128.0	020.0000	0150.8	044.2	223.6	000.1650	0072.5	057.0	31.28
129.0	020.0000	0151.1	044.2	223.5	000.1650	0070.5	057.8	30.87
130.0	020.0000	0151.4	044.2	223.4	000.1650	0070.5	058.5	30.62
131.0	020.0000	0151.8	044.3	223.3	000.1650	0070.5	059.3	30.37
132.0	020.0000	0152.2	044.3	223.2	000.1650	0070.5	060.1	30.13
133.0	020.0000	0152.5	044.4	223.2	000.1650	0070.5	060.8	29.89
134.0	020.0000	0152.8	044.4	223.2	000.1650	0070.5	061.6	29.66
135.0	020.0000	0153.0	044.4	223.2	000.1650	0070.5	062.4	29.42
136.0	020.0000	0153.2	044.5	223.2	000.1650	0070.5	063.2	29.20
137.0	020.0000	0153.4	044.5	223.2	000.1650	0070.5	064.0	28.98
138.0	020.0000	0153.6	044.5	223.2	000.1650	0070.5	064.7	28.77
139.0	020.0000	0153.7	044.5	223.3	000.1650	0070.5	065.5	28.55

03-24-2005 30 Sec. Terrain Data

WFWR BLED20000828ADT

Channel = 218A

Max ERP = 0.165 kW

RCAMSL = 252 M

N. Lat = 40 16 47

W. Lng = 87 14 50

Protected

60 dBu

WBGL

Channel = 219B

Max ERP = 20 kW

RCAMSL = 354 M

N. Lat = 40 09 09

W. Lng = 88 06 56

Interfering

54 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
199.0	000.1650	0050.9	008.4	084.7	020.0000	0150.2	071.5	52.11
200.0	000.1650	0051.5	008.4	084.7	020.0000	0150.2	071.3	52.16
201.0	000.1650	0052.3	008.5	084.7	020.0000	0150.2	071.2	52.21
202.0	000.1650	0053.1	008.6	084.7	020.0000	0150.2	071.0	52.26
203.0	000.1650	0053.7	008.6	084.7	020.0000	0150.2	070.9	52.32
204.0	000.1650	0054.3	008.7	084.7	020.0000	0150.2	070.7	52.37
205.0	000.1650	0055.0	008.8	084.7	020.0000	0150.2	070.5	52.42
206.0	000.1650	0055.6	008.8	084.7	020.0000	0150.2	070.4	52.47
207.0	000.1650	0056.2	008.9	084.6	020.0000	0150.2	070.2	52.52
208.0	000.1650	0056.7	008.9	084.6	020.0000	0150.2	070.1	52.57
209.0	000.1650	0057.2	008.9	084.5	020.0000	0150.2	069.9	52.62
210.0	000.1650	0057.8	009.0	084.5	020.0000	0150.2	069.8	52.67
211.0	000.1650	0058.6	009.0	084.5	020.0000	0150.2	069.6	52.72
212.0	000.1650	0059.5	009.1	084.4	020.0000	0150.2	069.4	52.78
213.0	000.1650	0060.3	009.2	084.4	020.0000	0150.2	069.3	52.83
214.0	000.1650	0061.1	009.2	084.3	020.0000	0150.2	069.1	52.88
215.0	000.1650	0062.0	009.3	084.3	020.0000	0150.2	068.9	52.94
216.0	000.1650	0063.0	009.4	084.3	020.0000	0150.2	068.8	52.99
217.0	000.1650	0064.0	009.4	084.2	020.0000	0150.2	068.6	53.05
218.0	000.1650	0064.8	009.5	084.1	020.0000	0150.2	068.4	53.10
219.0	000.1650	0065.5	009.5	084.1	020.0000	0150.2	068.3	53.15
220.0	000.1650	0066.4	009.6	084.0	020.0000	0150.2	068.1	53.20
221.0	000.1650	0067.6	009.7	084.0	020.0000	0150.2	067.9	53.26
222.0	000.1650	0069.0	009.8	083.9	020.0000	0150.2	067.8	53.32
223.0	000.1650	0070.5	009.9	083.9	020.0000	0150.2	067.6	53.38
224.0	000.1650	0072.5	010.0	083.8	020.0000	0150.2	067.4	53.45
225.0	000.1650	0075.4	010.2	083.8	020.0000	0150.2	067.1	53.53
226.0	000.1650	0079.2	010.4	083.8	020.0000	0150.2	066.8	53.63
227.0	000.1650	0083.4	010.7	083.8	020.0000	0150.2	066.5	53.73
228.0	000.1650	0087.2	010.9	083.8	020.0000	0150.2	066.2	53.83
229.0	000.1650	0090.2	011.1	083.8	020.0000	0150.2	065.9	53.91
230.0	000.1650	0092.4	011.2	083.7	020.0000	0150.2	065.7	53.98
231.0	000.1650	0093.9	011.3	083.6	020.0000	0150.2	065.5	54.04**
232.0	000.1650	0095.0	011.4	083.5	020.0000	0150.1	065.4	54.09**

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
233.0	000.1650	0095.5	011.4	083.3	020.0000	0150.1	065.3	54.13**
234.0	000.1650	0095.6	011.4	083.2	020.0000	0150.1	065.2	54.17**
235.0	000.1650	0095.1	011.4	083.0	020.0000	0150.1	065.1	54.19**
236.0	000.1650	0094.3	011.3	082.8	020.0000	0150.1	065.0	54.21**
237.0	000.1650	0093.0	011.2	082.7	020.0000	0150.1	065.0	54.22**
238.0	000.1650	0091.3	011.1	082.5	020.0000	0149.9	065.0	54.20**
239.0	000.1650	0089.0	011.0	082.3	020.0000	0149.9	065.1	54.19**
240.0	000.1650	0086.5	010.9	082.1	020.0000	0149.9	065.1	54.17**
241.0	000.1650	0084.3	010.7	081.9	020.0000	0149.9	065.2	54.15**
242.0	000.1650	0082.3	010.6	081.7	020.0000	0149.9	065.2	54.14**
243.0	000.1650	0080.6	010.5	081.5	020.0000	0149.6	065.2	54.11**
244.0	000.1650	0079.1	010.4	081.3	020.0000	0149.6	065.3	54.10**
245.0	000.1650	0077.2	010.3	081.1	020.0000	0149.6	065.3	54.08**
246.0	000.1650	0074.8	010.1	080.9	020.0000	0149.6	065.4	54.05**
247.0	000.1650	0072.1	010.0	080.7	020.0000	0149.6	065.6	54.01**
248.0	000.1650	0070.1	009.8	080.6	020.0000	0149.6	065.6	53.98
249.0	000.1650	0068.6	009.7	080.4	020.0000	0149.2	065.7	53.94
250.0	000.1650	0067.7	009.7	080.2	020.0000	0149.2	065.7	53.93
251.0	000.1650	0066.9	009.6	080.1	020.0000	0149.2	065.7	53.93
252.0	000.1650	0065.8	009.6	079.9	020.0000	0149.2	065.8	53.91
253.0	000.1650	0064.9	009.5	079.8	020.0000	0149.2	065.8	53.90
254.0	000.1650	0063.8	009.4	079.6	020.0000	0149.2	065.9	53.88
255.0	000.1650	0062.7	009.3	079.5	020.0000	0148.8	066.0	53.84
256.0	000.1650	0061.6	009.3	079.3	020.0000	0148.8	066.0	53.82
257.0	000.1650	0060.3	009.2	079.2	020.0000	0148.8	066.1	53.79
258.0	000.1650	0059.0	009.1	079.1	020.0000	0148.8	066.2	53.76
259.0	000.1650	0057.9	009.0	078.9	020.0000	0148.8	066.3	53.73
260.0	000.1650	0056.6	008.9	078.8	020.0000	0148.8	066.4	53.70
261.0	000.1650	0055.5	008.8	078.7	020.0000	0148.8	066.5	53.67
262.0	000.1650	0054.5	008.7	078.5	020.0000	0148.8	066.6	53.64
263.0	000.1650	0053.8	008.6	078.4	020.0000	0148.4	066.6	53.60
264.0	000.1650	0053.6	008.6	078.3	020.0000	0148.4	066.7	53.59
265.0	000.1650	0053.2	008.6	078.1	020.0000	0148.4	066.7	53.57
266.0	000.1650	0052.9	008.6	078.0	020.0000	0148.4	066.8	53.55
267.0	000.1650	0052.7	008.5	077.9	020.0000	0148.4	066.8	53.54
268.0	000.1650	0052.2	008.5	077.8	020.0000	0148.4	066.9	53.52
269.0	000.1650	0051.2	008.4	077.7	020.0000	0148.4	067.0	53.48
270.0	000.1650	0050.2	008.3	077.6	020.0000	0148.4	067.1	53.44
271.0	000.1650	0049.2	008.2	077.5	020.0000	0148.1	067.2	53.38
272.0	000.1650	0048.2	008.1	077.4	020.0000	0148.1	067.4	53.34
273.0	000.1650	0047.6	008.1	077.2	020.0000	0148.1	067.5	53.31
274.0	000.1650	0047.1	008.0	077.1	020.0000	0148.1	067.6	53.28
275.0	000.1650	0046.6	007.9	077.0	020.0000	0148.1	067.6	53.25
276.0	000.1650	0046.2	007.9	076.9	020.0000	0148.1	067.7	53.23
277.0	000.1650	0045.6	007.9	076.8	020.0000	0148.1	067.8	53.19
278.0	000.1650	0045.0	007.8	076.8	020.0000	0148.1	067.9	53.16
279.0	000.1650	0044.2	007.7	076.7	020.0000	0148.1	068.0	53.12
280.0	000.1650	0043.3	007.6	076.6	020.0000	0148.1	068.2	53.08
281.0	000.1650	0042.6	007.6	076.5	020.0000	0148.1	068.3	53.04
282.0	000.1650	0042.0	007.5	076.4	020.0000	0147.9	068.4	52.99
283.0	000.1650	0041.3	007.4	076.4	020.0000	0147.9	068.5	52.95

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
284.0	000.1650	0040.7	007.4	076.3	020.0000	0147.9	068.6	52.92
285.0	000.1650	0040.0	007.3	076.2	020.0000	0147.9	068.7	52.88
286.0	000.1650	0039.2	007.2	076.2	020.0000	0147.9	068.9	52.84
287.0	000.1650	0038.2	007.1	076.1	020.0000	0147.9	069.0	52.79
288.0	000.1650	0037.5	007.1	076.0	020.0000	0147.9	069.1	52.75
289.0	000.1650	0036.9	007.0	076.0	020.0000	0147.9	069.2	52.72
290.0	000.1650	0036.8	007.0	075.9	020.0000	0147.9	069.3	52.69
291.0	000.1650	0036.7	007.0	075.8	020.0000	0147.9	069.4	52.67
292.0	000.1650	0036.9	007.0	075.7	020.0000	0147.9	069.5	52.65
293.0	000.1650	0037.2	007.0	075.6	020.0000	0147.9	069.5	52.64
294.0	000.1650	0037.7	007.1	075.5	020.0000	0147.9	069.5	52.62
295.0	000.1650	0038.5	007.2	075.4	020.0000	0147.6	069.6	52.61
296.0	000.1650	0039.2	007.2	075.3	020.0000	0147.6	069.6	52.60
297.0	000.1650	0039.5	007.3	075.2	020.0000	0147.6	069.6	52.58
298.0	000.1650	0039.4	007.3	075.1	020.0000	0147.6	069.7	52.55
299.0	000.1650	0038.9	007.2	075.1	020.0000	0147.6	069.9	52.51
300.0	000.1650	0038.3	007.2	075.0	020.0000	0147.6	070.0	52.47
301.0	000.1650	0037.9	007.1	075.0	020.0000	0147.6	070.1	52.43
302.0	000.1650	0037.7	007.1	074.9	020.0000	0147.6	070.2	52.40
303.0	000.1650	0037.9	007.1	074.8	020.0000	0147.6	070.3	52.37
304.0	000.1650	0038.3	007.2	074.8	020.0000	0147.6	070.3	52.35
305.0	000.1650	0039.1	007.2	074.6	020.0000	0147.6	070.4	52.34
306.0	000.1650	0040.2	007.3	074.5	020.0000	0147.6	070.4	52.33
307.0	000.1650	0041.6	007.5	074.4	020.0000	0147.3	070.4	52.30
308.0	000.1650	0043.1	007.6	074.2	020.0000	0147.3	070.5	52.30
309.0	000.1650	0044.6	007.8	074.0	020.0000	0147.3	070.5	52.29
310.0	000.1650	0046.1	007.9	073.9	020.0000	0147.3	070.5	52.28
311.0	000.1650	0047.7	008.1	073.7	020.0000	0147.3	070.5	52.28
312.0	000.1650	0049.3	008.2	073.5	020.0000	0147.3	070.6	52.26
313.0	000.1650	0050.7	008.4	073.4	020.0000	0147.1	070.6	52.24
314.0	000.1650	0051.9	008.5	073.2	020.0000	0147.1	070.7	52.22
315.0	000.1650	0052.8	008.6	073.1	020.0000	0147.1	070.8	52.19
316.0	000.1650	0053.7	008.6	073.0	020.0000	0147.1	070.9	52.16
317.0	000.1650	0054.6	008.7	072.9	020.0000	0147.1	071.0	52.13
318.0	000.1650	0055.6	008.8	072.8	020.0000	0147.1	071.1	52.10
319.0	000.1650	0056.5	008.9	072.7	020.0000	0147.1	071.2	52.06