Exhibit #15

Back Porch Radio Broadcasting
Minor Change

REFERENCE CH# 210B1 - 89.9 MHz, Pwr= 3.14 kW, HAAT=286.7 M, COR= 583 M DISPLAY DATES
43 03 03 N. Average Protected F(50-50)= 39.37 km DATA 06-14-06
89 29 13 W. Ave. F(50-10) 40 dBu= 100.4 54 dBu= 58.6 80 dBu= 13.1 100 dBu= 3.2 SEARCH 06-15-06

CH CALL / CITY	TYPE / STATE	AZI. <--	DIST / FILE #	LAT. / LNG.	Pwr(kW) / HAAT(M)	COR(M) / INT(km)	PRO(km) / LICENSEE	*IN* (Overlap in km)	*OUT* (Overlap in km)
210B1 WORT Madison	LIC CN WI	0.0 0.0	0.00 BLED19990208KB	43 03 03 89 29 13	2.000 301	582 95.6	36.7 Back Porch Radio Broadcast	-135.85*<	-138.60*<
210C2 WWSP.C Stevens Point	CP DCX WI	354.6 174.5	159.74 BPED20051109ABF	44 28 55 89 40 35	30.000 109	425 119.7	41.9 Board Of Regents, Universi	0.25	16.68
210A AP210 Brookville	APP VX IL	189.5 9.4	110.62 BNPED19991019AAL	42 04 07 89 42 33	3.850 89	371 77.7	24.2 Pensacola Christian Colleg	-6.43<	-13.99<**
210A WVFL.C Fond Du Lac	CP DVX WI	47.6 228.4	125.00 BMPED20050512ACX	43 48 09 88 20 18	0.095 138	396 40.1	11.9 Vcy America, Inc.	43.78	9.56
209B WUWM Milwaukee	LIC CX WI	87.5 268.6	129.56 BLED20060419ACI	43 05 26 87 53 50	13.500 265	484 74.4	50.4 Board Of Regents, Universi	14.03	17.61
210C3 WWSP Stevens Point	LIC CN WI	354.6 174.5	159.73 BLED19960409KA	44 28 55 89 40 34	11.500 110	426 99.1	34.4 Board Of Regents, Universi	20.88	24.17
212B1 WJWD Marshall	LIC DEX WI	43.5 223.8	45.16 BLED20030213AAJ	43 20 40 89 06 10	1.232 86	380 1.7	18.1 Csn International	2.38	23.81
263A RADD Monona	ADD WI	43.1 223.2	13.39	43 08 19 89 22 27	6.000 -287	0 19.5	15.8 Good Karma Broadcasting, L	12.0R	1.4M
209C3 KDUB Dubuque	LIC EX IA	245.6 64.7	118.18 BLED20051223AAR	42 36 18 90 47 57	2.600 219	449 50.4	33.6 University Of Northern Iow	29.62	27.74
211A WRPNFM Ripon	CP CX WI	30.3 210.8	102.39 BPED20040115AAZ	43 50 37 88 50 31	0.550 3	312 12.3	8.7 The Board Of Trustees Of R	48.90	32.08
211A WRPNFM Ripon	LIC HN WI	30.3 210.8	102.39 BLED19860306KD	43 50 37 88 50 31	0.230 13	322 9.9	6.9 The Board Of Trustees Of R	51.22	33.86
212A WBCRFM Beloit	LIC CN WI	148.4 328.8	71.29 BLED19851108KI	42 30 13 89 01 55	0.130 19	266 0.8	6.0 The Board Of Trustees/belo	32.10	62.12
263A WTLX Columbus	LIC ZCN WI	39.4 219.6	40.92 BLH19920505KA	43 20 04 89 09 57	6.000 97	394 36.0	27.9 Good Karma Broadcasting, L	12.0R	28.9M
263A RDEL Columbus	DEL WI	39.4 219.6	40.92	43 20 04 89 09 57	6.000 -297	0 19.5	15.8 Good Karma Broadcasting, L	12.0R	28.9M
06+2C KWQCTV Davenport	LI HY IA	206.3 25.6	185.91 BLCT19821108KN	41 32 49 90 28 35	100.000 395	611 28.6	110.9 Young Broadcasting Of Dave	196.0R	-10.1M•
06-2C KAAL Austin	LI HN MN	283.5 101.0	304.16 BLCT2236	43 37 42 93 09 12	100.000 333	696 26.8	106.1 Kaal-tv, Llc	196.0R	108.2M
06Z1C WITI Milwaukee	LI N WI	87.5 268.6	129.56 BLCT19990129KT	43 05 26 87 53 50	100.000 292	511 30.2	102.9 Witi License,inc.	196.0R	-66.4M

Terrain database is NGDC 30 SEC
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. "<" = contour overlap
"**" Application listed as "Tendered" in CDBS database. Call to FCC stated that this application will be processed in next filing window. Application causes signficant contour overlap with WORT and should be dismissed on that basis. Therefore, no protection was provided to this application.

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".

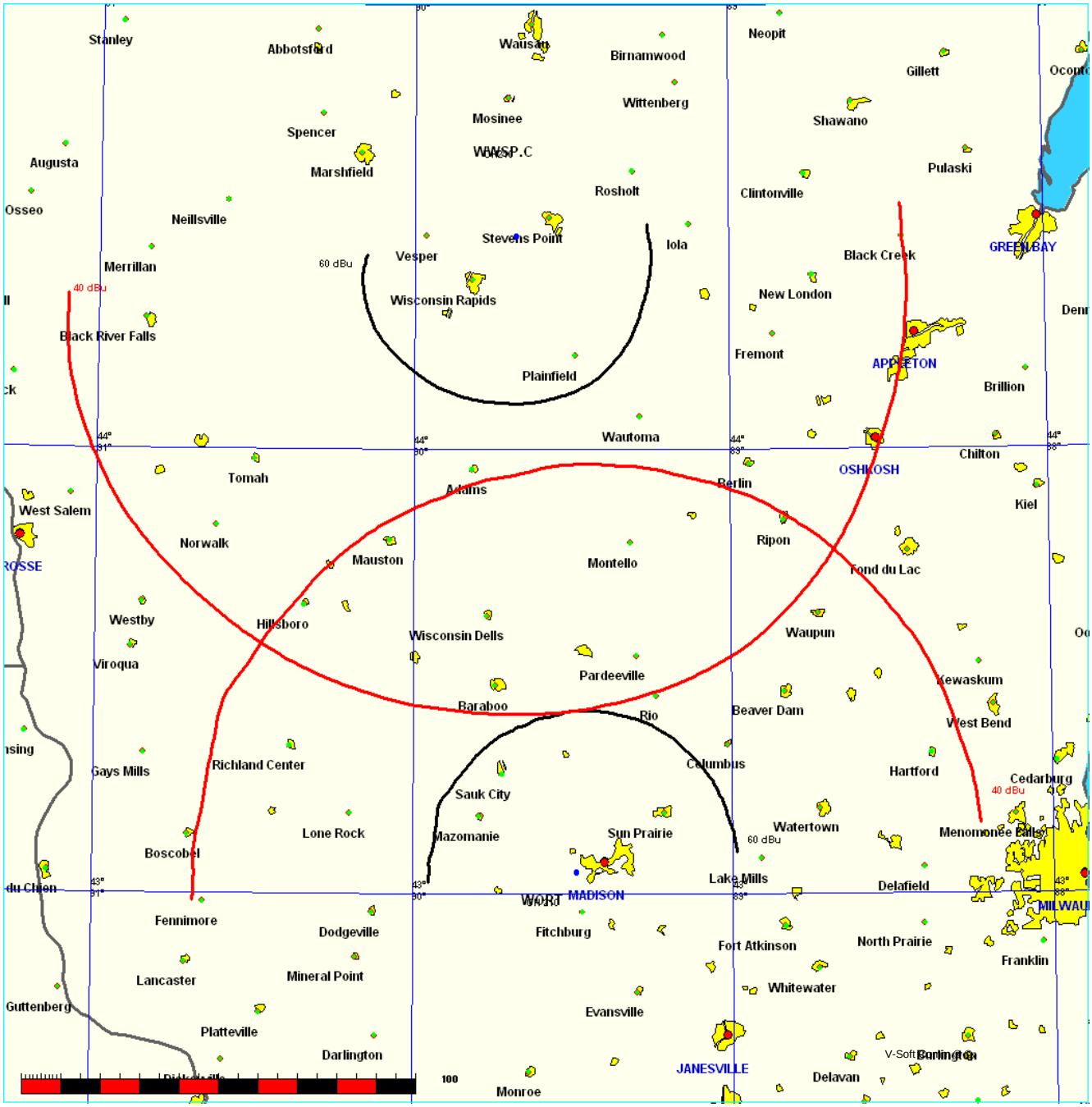
The first three letters of the "TYPE" column identify the current FCC status of the stations. The fourth letter will be a "D" if the facility is directional. “Z” indicates a 73.215 directional. An “N” indicates it is a 73.215 station that operates omni. The fifth letter will be an E, H or V depending 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”.

FMCommander Allocation Study
06-15-2006

WORT CH 210 B1
3.14 kW 583 M COR
Prot. = 60 dBu
Intef. = 40 dBu

WWSP.C CH 210 C2 BPED20051109ABF
30.0 kW, 425 M COR DA
Prot. = 60 dBu
Intef. = 40 dBu

Scale = 1:2,500,000



WORT
Channel = 210B1
Max ERP = 3.14 kW
RCAMSL = 583 M
N. Lat = 43 03 03
W. Lng = 89 29 13
Protected
60 dBu

WWSP.C BPED20051109ABF
Channel = 210C2
Max ERP = 30 kW
RCAMSL = 425 M
N. Lat = 44 28 55
W. Lng = 89 40 35
Interfering
40 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
295.0	003.1400	0275.7	038.7	188.0	030.0000	0109.3	144.0	35.47
296.0	003.1400	0276.6	038.8	187.9	030.0000	0109.3	143.4	35.59
297.0	003.1400	0276.3	038.8	187.8	030.0000	0109.3	142.7	35.71
298.0	003.1400	0275.1	038.7	187.7	030.0000	0109.3	142.1	35.83
299.0	003.1400	0273.1	038.6	187.6	030.0000	0109.3	141.5	35.94
300.0	003.1400	0270.7	038.4	187.4	030.0000	0109.1	141.0	36.04
301.0	003.1400	0267.9	038.3	187.2	030.0000	0109.1	140.4	36.14
302.0	003.1400	0265.6	038.1	187.1	030.0000	0109.1	139.9	36.25
303.0	003.1400	0264.6	038.1	186.9	030.0000	0109.1	139.3	36.36
304.0	003.1400	0265.1	038.1	186.8	030.0000	0109.1	138.7	36.48
305.0	003.1400	0266.1	038.2	186.7	030.0000	0109.1	138.1	36.60
306.0	003.1400	0267.0	038.2	186.6	030.0000	0109.1	137.4	36.72
307.0	003.1400	0267.2	038.2	186.5	030.0000	0108.9	136.9	36.83
308.0	003.1400	0266.8	038.2	186.3	030.0000	0108.9	136.3	36.94
309.0	003.1400	0266.0	038.2	186.1	030.0000	0108.9	135.8	37.04
310.0	003.1400	0265.2	038.1	186.0	030.0000	0108.9	135.2	37.15
311.0	003.1400	0264.6	038.1	185.8	030.0000	0108.9	134.7	37.25
312.0	003.1400	0264.3	038.0	185.6	030.0000	0108.9	134.2	37.35
313.0	003.1400	0264.0	038.0	185.4	030.0000	0108.8	133.7	37.45
314.0	003.1400	0264.3	038.0	185.3	030.0000	0108.8	133.1	37.56
315.0	003.1400	0265.8	038.1	185.1	030.0000	0108.8	132.6	37.67
316.0	003.1400	0268.1	038.3	185.0	030.0000	0108.8	132.0	37.78
317.0	003.1400	0270.0	038.4	184.8	030.0000	0108.8	131.4	37.90
318.0	003.1400	0271.2	038.5	184.6	030.0000	0108.8	130.8	38.00
319.0	003.1400	0272.2	038.5	184.5	030.0000	0108.8	130.3	38.10
320.0	003.1400	0273.2	038.6	184.3	030.0000	0108.8	129.8	38.20
321.0	003.1400	0273.8	038.6	184.1	030.0000	0108.8	129.3	38.29
322.0	003.1400	0274.1	038.6	183.8	030.0000	0108.8	128.8	38.38
323.0	003.1400	0274.7	038.7	183.6	030.0000	0108.8	128.4	38.47
324.0	003.1400	0275.8	038.7	183.4	030.0000	0108.8	127.9	38.56
325.0	003.1400	0276.9	038.8	183.2	030.0000	0108.8	127.4	38.64
326.0	003.1400	0277.8	038.9	183.0	030.0000	0108.8	127.0	38.73
327.0	003.1400	0278.7	038.9	182.7	030.0000	0108.8	126.5	38.81
328.0	003.1400	0279.7	039.0	182.5	030.0000	0108.8	126.1	38.89
329.0	003.1400	0280.5	039.0	182.2	030.0000	0108.8	125.7	38.96
330.0	003.1400	0280.8	039.0	182.0	030.0000	0108.8	125.3	39.03
331.0	003.1400	0280.6	039.0	181.7	030.0000	0108.8	124.9	39.09

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
332.0	003.1400	0280.0	039.0	181.4	030.0000	0108.8	124.6	39.14
333.0	003.1400	0279.3	038.9	181.1	030.0000	0108.8	124.3	39.20
334.0	003.1400	0278.8	038.9	180.9	030.0000	0108.8	124.0	39.25
335.0	003.1400	0278.9	038.9	180.6	030.0000	0108.8	123.7	39.30
336.0	003.1400	0279.6	039.0	180.3	030.0000	0108.8	123.4	39.36
337.0	003.1400	0280.2	039.0	180.0	030.0000	0108.8	123.1	39.41
338.0	003.1400	0280.3	039.0	179.7	030.0000	0108.8	122.9	39.46
339.0	003.1400	0279.4	038.9	179.4	030.0000	0108.8	122.7	39.49
340.0	003.1400	0278.7	038.9	179.1	030.0000	0108.8	122.5	39.52
341.0	003.1400	0279.4	038.9	178.8	030.0000	0108.8	122.2	39.57
342.0	003.1400	0281.6	039.1	178.5	030.0000	0108.8	121.9	39.62
343.0	003.1400	0284.3	039.2	178.2	030.0000	0108.8	121.5	39.68
344.0	003.1400	0286.2	039.3	177.9	030.0000	0108.8	121.3	39.73
345.0	003.1400	0287.3	039.4	177.6	030.0000	0108.8	121.0	39.77
346.0	003.1400	0287.4	039.4	177.3	030.0000	0108.8	120.9	39.79
347.0	003.1400	0287.3	039.4	177.0	030.0000	0108.8	120.8	39.81
348.0	003.1400	0287.2	039.4	176.6	030.0000	0108.8	120.7	39.83
349.0	003.1400	0286.5	039.4	176.3	030.0000	0108.8	120.6	39.84
350.0	003.1400	0285.7	039.3	176.0	030.0000	0108.8	120.6	39.85
351.0	003.1400	0286.1	039.3	175.7	030.0000	0108.8	120.5	39.86
352.0	003.1400	0287.4	039.4	175.3	030.0000	0108.8	120.4	39.89
353.0	003.1400	0290.1	039.6	175.0	030.0000	0108.8	120.2	39.92
354.0	003.1400	0292.5	039.7	174.7	030.0000	0108.8	120.0	39.94
355.0	003.1400	0294.6	039.8	174.4	030.0000	0108.7	119.9	39.96
356.0	003.1400	0296.2	039.9	174.0	030.0000	0108.7	119.8	39.97
357.0	003.1400	0298.0	040.0	173.7	030.0000	0108.7	119.8	39.99
358.0	003.1400	0299.5	040.1	173.3	030.0000	0108.6	119.7	39.99
359.0	003.1400	0300.9	040.2	173.0	030.0000	0108.6	119.7	39.99
000.0	003.1400	0302.2	040.3	172.7	030.0000	0108.6	119.7	39.99
001.0	003.1400	0303.6	040.3	172.3	030.0000	0108.5	119.7	39.98
002.0	003.1400	0304.0	040.4	172.0	030.0000	0108.5	119.8	39.97
003.0	003.1400	0304.0	040.4	171.7	030.0000	0108.5	120.0	39.95
004.0	003.1400	0303.5	040.3	171.3	030.0000	0108.4	120.1	39.91
005.0	003.1400	0303.5	040.3	171.0	030.0000	0108.4	120.3	39.88
006.0	003.1400	0304.2	040.4	170.7	030.0000	0108.4	120.4	39.86
007.0	003.1400	0305.6	040.4	170.3	030.0000	0108.1	120.6	39.83
008.0	003.1400	0306.9	040.5	170.0	030.0000	0108.1	120.7	39.81
009.0	003.1400	0307.8	040.6	169.7	029.9901	0108.1	120.9	39.77
010.0	003.1400	0308.7	040.6	169.3	029.9804	0107.9	121.1	39.73
011.0	003.1400	0309.0	040.6	169.0	029.9708	0107.9	121.3	39.69
012.0	003.1400	0308.8	040.6	168.7	029.9616	0107.9	121.6	39.64
013.0	003.1400	0308.4	040.6	168.4	029.9525	0107.7	121.9	39.58
014.0	003.1400	0307.9	040.6	168.1	029.9436	0107.7	122.2	39.52
015.0	003.1400	0307.5	040.5	167.8	029.9348	0107.7	122.6	39.46
016.0	003.1400	0308.5	040.6	167.5	029.9256	0107.7	122.9	39.41
017.0	003.1400	0310.2	040.7	167.2	029.9162	0107.5	123.1	39.36
018.0	003.1400	0311.9	040.8	166.9	029.9069	0107.5	123.4	39.31
019.0	003.1400	0313.2	040.9	166.6	029.8979	0107.5	123.7	39.25
020.0	003.1400	0314.4	040.9	166.3	029.8891	0107.4	124.0	39.19
021.0	003.1400	0315.2	041.0	166.0	029.8805	0107.4	124.4	39.12
022.0	003.1400	0315.7	041.0	165.7	029.8722	0107.4	124.8	39.05

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
023.0	003.1400	0316.6	041.1	165.5	029.8638	0107.4	125.2	38.98
024.0	003.1400	0317.9	041.1	165.2	029.8554	0107.4	125.6	38.91
025.0	003.1400	0319.1	041.2	164.9	029.8472	0107.4	126.0	38.84
026.0	003.1400	0320.1	041.3	164.6	029.8392	0107.4	126.4	38.76
027.0	003.1400	0320.6	041.3	164.4	029.8316	0107.4	126.9	38.68
028.0	003.1400	0320.4	041.3	164.1	029.8246	0107.4	127.4	38.59
029.0	003.1400	0319.8	041.2	163.9	029.8180	0107.4	127.9	38.49
030.0	003.1400	0319.5	041.2	163.7	029.8113	0107.4	128.4	38.39
031.0	003.1400	0319.8	041.2	163.5	029.8045	0107.4	128.9	38.29
032.0	003.1400	0320.1	041.3	163.3	029.7979	0107.4	129.5	38.20
033.0	003.1400	0320.6	041.3	163.0	029.7914	0107.4	130.0	38.09
034.0	003.1400	0321.5	041.3	162.8	029.7847	0107.4	130.5	37.99
035.0	003.1400	0322.3	041.4	162.6	029.7783	0107.4	131.0	37.89
036.0	003.1400	0322.2	041.4	162.4	029.7726	0107.5	131.6	37.78
037.0	003.1400	0321.5	041.3	162.2	029.7675	0107.5	132.2	37.66
038.0	003.1400	0321.0	041.3	162.1	029.7624	0107.5	132.8	37.54
039.0	003.1400	0320.5	041.3	161.9	029.7575	0107.5	133.4	37.42
040.0	003.1400	0319.8	041.2	161.7	029.7529	0107.5	134.1	37.30
041.0	003.1400	0318.7	041.2	161.6	029.7488	0107.5	134.7	37.17
042.0	003.1400	0317.9	041.1	161.5	029.7447	0107.5	135.4	37.04
043.0	003.1400	0317.6	041.1	161.3	029.7403	0107.5	136.0	36.92
044.0	003.1400	0317.7	041.1	161.2	029.7360	0107.5	136.6	36.79
045.0	003.1400	0317.9	041.1	161.0	029.7318	0107.5	137.3	36.67
046.0	003.1400	0318.1	041.1	160.9	029.7278	0107.5	137.9	36.54
047.0	003.1400	0318.2	041.1	160.8	029.7240	0107.5	138.6	36.41
048.0	003.1400	0318.1	041.1	160.7	029.7205	0107.5	139.2	36.28
049.0	003.1400	0317.9	041.1	160.6	029.7172	0107.5	139.9	36.15
050.0	003.1400	0317.9	041.1	160.4	029.7140	0107.4	140.6	36.02
051.0	003.1400	0318.2	041.1	160.3	029.7108	0107.4	141.2	35.89
052.0	003.1400	0318.6	041.2	160.2	029.7076	0107.4	141.9	35.77
053.0	003.1400	0319.2	041.2	160.1	029.7045	0107.4	142.6	35.64
054.0	003.1400	0320.0	041.2	160.0	029.7015	0107.4	143.3	35.51
055.0	003.1400	0320.7	041.3	159.9	029.6904	0107.4	143.9	35.38

WWSP.C BPED20051109ABF
Channel = 210C2
Max ERP = 30 kW
RCAMSL = 425 M
N. Lat = 44 28 55
W. Lng = 89 40 35
Protected
60 dBu

WORT
Channel = 210B1
Max ERP = 3.14 kW
RCAMSL = 583 M
N. Lat = 43 03 03
W. Lng = 89 29 13
Interfering
40 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
114.0	015.5779	0103.0	035.8	006.8	003.1400	0305.6	145.5	29.86
115.0	015.8123	0102.8	035.9	006.8	003.1400	0305.6	144.9	29.99
116.0	016.0484	0102.7	036.0	006.7	003.1400	0305.6	144.2	30.11
117.0	016.2862	0102.6	036.1	006.7	003.1400	0305.6	143.6	30.24
118.0	016.5258	0102.5	036.2	006.6	003.1400	0305.6	143.0	30.36
119.0	016.7672	0102.5	036.3	006.6	003.1400	0305.6	142.4	30.49
120.0	017.0103	0102.6	036.4	006.5	003.1400	0305.6	141.7	30.62
121.0	017.3828	0102.6	036.6	006.5	003.1400	0304.2	141.1	30.72
122.0	017.7593	0102.8	036.8	006.4	003.1400	0304.2	140.4	30.86
123.0	018.1399	0102.9	037.0	006.4	003.1400	0304.2	139.7	31.00
124.0	018.5244	0103.0	037.2	006.3	003.1400	0304.2	139.1	31.14
125.0	018.9131	0103.2	037.4	006.3	003.1400	0304.2	138.4	31.28
126.0	019.3057	0103.4	037.6	006.2	003.1400	0304.2	137.8	31.42
127.0	019.7024	0103.5	037.8	006.1	003.1400	0304.2	137.1	31.56
128.0	020.1032	0103.6	037.9	006.1	003.1400	0304.2	136.4	31.70
129.0	020.5079	0103.8	038.1	006.0	003.1400	0304.2	135.8	31.84
130.0	020.9167	0104.1	038.3	005.9	003.1400	0304.2	135.1	31.98
131.0	021.3094	0104.3	038.5	005.8	003.1400	0304.2	134.4	32.13
132.0	021.7056	0104.5	038.7	005.7	003.1400	0304.2	133.8	32.27
133.0	022.1055	0104.5	038.8	005.6	003.1400	0304.2	133.2	32.40
134.0	022.5091	0104.5	039.0	005.4	003.1400	0303.5	132.5	32.52
135.0	022.9163	0104.5	039.1	005.3	003.1400	0303.5	131.9	32.66
136.0	023.3271	0104.6	039.3	005.2	003.1400	0303.5	131.3	32.79
137.0	023.7416	0104.7	039.4	005.0	003.1400	0303.5	130.7	32.92
138.0	024.1598	0104.7	039.6	004.9	003.1400	0303.5	130.1	33.05
139.0	024.5816	0104.6	039.7	004.7	003.1400	0303.5	129.5	33.18
140.0	025.0071	0104.5	039.8	004.5	003.1400	0303.5	128.9	33.30
141.0	025.3203	0104.5	039.9	004.3	003.1400	0303.5	128.4	33.42
142.0	025.6355	0104.7	040.0	004.1	003.1400	0303.5	127.8	33.54
143.0	025.9526	0105.0	040.2	004.0	003.1400	0303.5	127.2	33.67
144.0	026.2717	0105.4	040.4	003.8	003.1400	0303.5	126.6	33.79
145.0	026.5927	0105.8	040.5	003.6	003.1400	0303.5	126.1	33.91
146.0	026.9156	0106.1	040.6	003.4	003.1400	0304.0	125.5	34.04
147.0	027.2406	0106.3	040.8	003.1	003.1400	0304.0	125.0	34.15

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
148.0	027.5674	0106.4	040.9	002.9	003.1400	0304.0	124.5	34.26
149.0	027.8962	0106.5	041.0	002.7	003.1400	0304.0	124.0	34.36
150.0	028.2270	0106.6	041.1	002.4	003.1400	0304.0	123.5	34.47
151.0	028.3727	0106.9	041.2	002.2	003.1400	0304.0	123.1	34.56
152.0	028.5188	0107.1	041.3	001.9	003.1400	0304.0	122.6	34.65
153.0	028.6652	0107.3	041.3	001.6	003.1400	0304.0	122.2	34.74
154.0	028.8120	0107.4	041.4	001.3	003.1400	0303.6	121.8	34.82
155.0	028.9592	0107.4	041.4	001.0	003.1400	0303.6	121.5	34.89
156.0	029.1068	0107.3	041.5	000.7	003.1400	0303.6	121.1	34.97
157.0	029.2547	0107.3	041.5	000.4	003.1400	0302.2	120.8	35.01
158.0	029.4030	0107.2	041.5	000.1	003.1400	0302.2	120.5	35.07
159.0	029.5517	0107.3	041.6	359.8	003.1400	0302.2	120.2	35.14
160.0	029.7008	0107.4	041.7	359.5	003.1400	0302.2	119.9	35.21
161.0	029.7306	0107.5	041.7	359.2	003.1400	0300.9	119.6	35.23
162.0	029.7605	0107.5	041.7	358.9	003.1400	0300.9	119.4	35.28
163.0	029.7904	0107.4	041.7	358.5	003.1400	0300.9	119.2	35.33
164.0	029.8203	0107.4	041.7	358.2	003.1400	0299.5	119.0	35.34
165.0	029.8502	0107.4	041.7	357.9	003.1400	0299.5	118.8	35.37
166.0	029.8801	0107.4	041.7	357.5	003.1400	0299.5	118.7	35.41
167.0	029.9101	0107.5	041.7	357.2	003.1400	0298.0	118.5	35.41
168.0	029.9400	0107.7	041.8	356.8	003.1400	0298.0	118.3	35.44
169.0	029.9700	0107.9	041.8	356.5	003.1400	0296.2	118.2	35.43
170.0	030.0000	0108.1	041.8	356.1	003.1400	0296.2	118.1	35.46
171.0	030.0000	0108.4	041.9	355.8	003.1400	0296.2	118.0	35.48
172.0	030.0000	0108.5	041.9	355.4	003.1400	0294.6	117.9	35.46
173.0	030.0000	0108.6	041.9	355.1	003.1400	0294.6	117.8	35.47
174.0	030.0000	0108.7	041.9	354.7	003.1400	0294.6	117.8	35.48
175.0	030.0000	0108.8	041.9	354.4	003.1400	0292.5	117.8	35.43
176.0	030.0000	0108.8	041.9	354.0	003.1400	0292.5	117.8	35.42
177.0	030.0000	0108.8	041.9	353.7	003.1400	0292.5	117.8	35.42
178.0	030.0000	0108.8	041.9	353.3	003.1400	0290.1	117.9	35.34
179.0	030.0000	0108.8	041.9	353.0	003.1400	0290.1	118.0	35.33
180.0	030.0000	0108.8	041.9	352.6	003.1400	0290.1	118.0	35.31
181.0	030.0000	0108.8	041.9	352.3	003.1400	0287.4	118.2	35.22
182.0	030.0000	0108.8	041.9	352.0	003.1400	0287.4	118.3	35.19
183.0	030.0000	0108.8	041.9	351.6	003.1400	0287.4	118.4	35.16
184.0	030.0000	0108.8	041.9	351.3	003.1400	0286.1	118.6	35.10
185.0	030.0000	0108.8	042.0	350.9	003.1400	0286.1	118.7	35.06
186.0	030.0000	0108.9	042.0	350.6	003.1400	0286.1	118.9	35.02
187.0	030.0000	0109.1	042.0	350.2	003.1400	0285.7	119.1	34.97
188.0	030.0000	0109.3	042.0	349.9	003.1400	0285.7	119.3	34.93
189.0	030.0000	0109.7	042.1	349.6	003.1400	0285.7	119.5	34.89
190.0	030.0000	0110.2	042.2	349.2	003.1400	0286.5	119.6	34.87
191.0	030.0000	0110.8	042.2	348.9	003.1400	0286.5	119.8	34.83
192.0	030.0000	0111.2	042.3	348.6	003.1400	0286.5	120.1	34.78
193.0	030.0000	0111.4	042.3	348.2	003.1400	0287.2	120.3	34.73
194.0	030.0000	0111.5	042.3	347.9	003.1400	0287.2	120.6	34.67
195.0	030.0000	0111.7	042.4	347.6	003.1400	0287.2	121.0	34.60
196.0	030.0000	0111.9	042.4	347.3	003.1400	0287.3	121.3	34.53
197.0	030.0000	0112.0	042.4	347.0	003.1400	0287.3	121.6	34.46
198.0	030.0000	0112.2	042.4	346.7	003.1400	0287.3	122.0	34.38

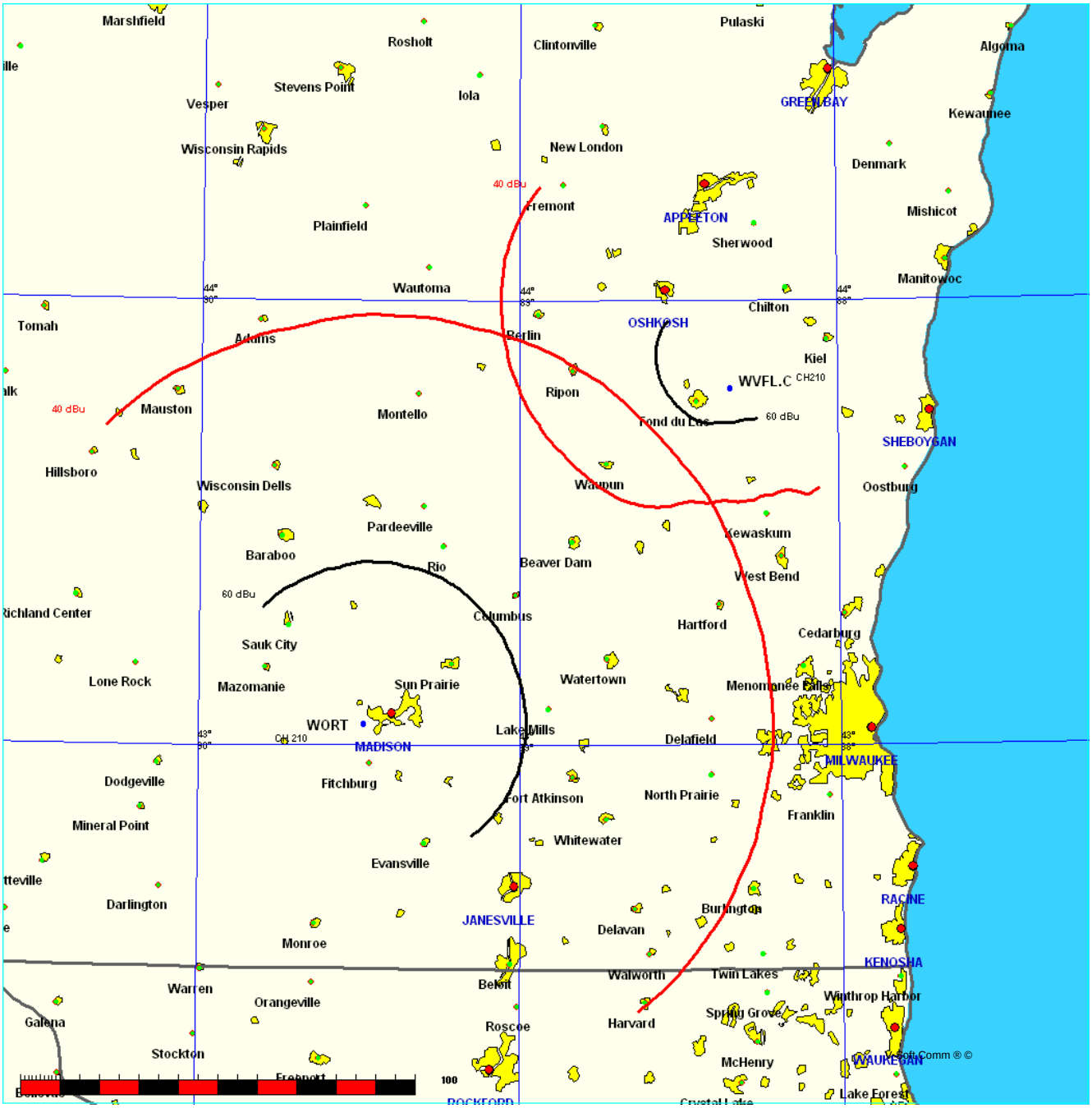
Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
199.0	030.0000	0112.3	042.5	346.4	003.1400	0287.4	122.4	34.30
200.0	030.0000	0112.5	042.5	346.1	003.1400	0287.4	122.7	34.22
201.0	030.0000	0112.8	042.5	345.8	003.1400	0287.4	123.1	34.14
202.0	030.0000	0113.1	042.6	345.5	003.1400	0287.4	123.5	34.06
203.0	030.0000	0113.3	042.6	345.3	003.1400	0287.3	124.0	33.96
204.0	030.0000	0113.4	042.6	345.0	003.1400	0287.3	124.4	33.87
205.0	030.0000	0113.6	042.7	344.7	003.1400	0287.3	124.9	33.78
206.0	030.0000	0113.9	042.7	344.4	003.1400	0286.2	125.3	33.65
207.0	030.0000	0114.2	042.7	344.2	003.1400	0286.2	125.8	33.56
208.0	030.0000	0114.3	042.8	343.9	003.1400	0286.2	126.3	33.45
209.0	030.0000	0114.2	042.7	343.7	003.1400	0286.2	126.8	33.34
210.0	030.0000	0114.0	042.7	343.5	003.1400	0284.3	127.4	33.18
211.0	030.0000	0114.0	042.7	343.3	003.1400	0284.3	127.9	33.06
212.0	030.0000	0113.9	042.7	343.1	003.1400	0284.3	128.5	32.95
213.0	030.0000	0113.8	042.7	342.9	003.1400	0284.3	129.1	32.83
214.0	030.0000	0113.7	042.7	342.7	003.1400	0284.3	129.7	32.71
215.0	030.0000	0113.6	042.7	342.5	003.1400	0281.6	130.3	32.52
216.0	030.0000	0113.6	042.7	342.3	003.1400	0281.6	130.9	32.40
217.0	030.0000	0113.7	042.7	342.1	003.1400	0281.6	131.5	32.27
218.0	030.0000	0113.7	042.7	341.9	003.1400	0281.6	132.1	32.14
219.0	030.0000	0113.6	042.7	341.7	003.1400	0281.6	132.7	32.01
220.0	030.0000	0113.5	042.6	341.6	003.1400	0281.6	133.4	31.87
221.0	030.0000	0113.4	042.6	341.4	003.1400	0279.4	134.0	31.69
222.0	030.0000	0113.4	042.6	341.3	003.1400	0279.4	134.7	31.55
223.0	030.0000	0113.3	042.6	341.1	003.1400	0279.4	135.3	31.41
224.0	030.0000	0113.3	042.6	341.0	003.1400	0279.4	136.0	31.27
225.0	030.0000	0113.3	042.6	340.8	003.1400	0279.4	136.6	31.13
226.0	030.0000	0113.2	042.6	340.7	003.1400	0279.4	137.3	30.99
227.0	030.0000	0113.2	042.6	340.6	003.1400	0279.4	138.0	30.84
228.0	030.0000	0113.4	042.6	340.5	003.1400	0278.7	138.7	30.69
229.0	030.0000	0113.7	042.7	340.3	003.1400	0278.7	139.3	30.55
230.0	030.0000	0114.1	042.7	340.2	003.1400	0278.7	140.0	30.41
231.0	030.0000	0114.3	042.8	340.1	003.1400	0278.7	140.7	30.27
232.0	030.0000	0114.4	042.8	340.0	003.1400	0278.7	141.4	30.13
233.0	030.0000	0114.5	042.8	339.9	003.1400	0278.7	142.1	29.98
234.0	030.0000	0114.6	042.8	339.8	003.1400	0278.7	142.8	29.84

FMCommander Allocation Study
06-15-2006

WORT CH 210 B1
3.14 kW 583 M COR
Prot. = 60 dBu
Intef. = 40 dBu

WVFL.C CH 210 A BMPED20050512ACX
1.0 kW, 396 M COR DA
Prot. = 60 dBu
Intef. = 40 dBu

Scale = 1:2,500,000



WORT
Channel = 210B1
Max ERP = 3.14 kW
RCAMSL = 583 M
N. Lat = 43 03 03
W. Lng = 89 29 13
Protected
60 dBu

WVFL.C BMPED20050512ACX
Channel = 210A
Max ERP = 1 kW
RCAMSL = 396 M
N. Lat = 43 48 09
W. Lng = 88 20 18
Interfering
40 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
348.0	003.1400	0287.2	039.4	246.3	000.1294	0151.5	110.5	19.42
349.0	003.1400	0286.5	039.4	246.2	000.1291	0151.5	109.8	19.54
350.0	003.1400	0285.7	039.3	246.1	000.1288	0151.5	109.2	19.67
351.0	003.1400	0286.1	039.3	246.0	000.1286	0151.5	108.5	19.81
352.0	003.1400	0287.4	039.4	246.0	000.1284	0151.5	107.8	19.95
353.0	003.1400	0290.1	039.6	245.9	000.1283	0151.5	107.1	20.10
354.0	003.1400	0292.5	039.7	245.9	000.1282	0151.5	106.4	20.26
355.0	003.1400	0294.6	039.8	245.8	000.1280	0151.5	105.7	20.41
356.0	003.1400	0296.2	039.9	245.8	000.1278	0151.5	105.0	20.56
357.0	003.1400	0298.0	040.0	245.7	000.1275	0151.5	104.4	20.72
358.0	003.1400	0299.5	040.1	245.6	000.1272	0151.5	103.7	20.87
359.0	003.1400	0300.9	040.2	245.4	000.1269	0150.8	103.0	20.99
000.0	003.1400	0302.2	040.3	245.3	000.1265	0150.8	102.3	21.15
001.0	003.1400	0303.6	040.3	245.2	000.1262	0150.8	101.7	21.30
002.0	003.1400	0304.0	040.4	245.0	000.1257	0150.8	101.0	21.44
003.0	003.1400	0304.0	040.4	244.8	000.1252	0150.8	100.4	21.58
004.0	003.1400	0303.5	040.3	244.6	000.1246	0150.8	099.8	21.72
005.0	003.1400	0303.5	040.3	244.4	000.1240	0150.2	099.2	21.83
006.0	003.1400	0304.2	040.4	244.2	000.1235	0150.2	098.6	21.97
007.0	003.1400	0305.6	040.4	244.0	000.1229	0150.2	097.9	22.12
008.0	003.1400	0306.9	040.5	243.8	000.1224	0150.2	097.3	22.27
009.0	003.1400	0307.8	040.6	243.6	000.1218	0150.2	096.7	22.41
010.0	003.1400	0308.7	040.6	243.4	000.1212	0149.5	096.1	22.53
011.0	003.1400	0309.0	040.6	243.1	000.1205	0149.5	095.5	22.66
012.0	003.1400	0308.8	040.6	242.8	000.1197	0149.5	095.0	22.79
013.0	003.1400	0308.4	040.6	242.5	000.1190	0149.5	094.5	22.90
014.0	003.1400	0307.9	040.6	242.2	000.1182	0148.7	093.9	22.99
015.0	003.1400	0307.5	040.5	241.9	000.1173	0148.7	093.4	23.10
016.0	003.1400	0308.5	040.6	241.7	000.1166	0148.7	092.9	23.22
017.0	003.1400	0310.2	040.7	241.4	000.1159	0147.9	092.3	23.33
018.0	003.1400	0311.9	040.8	241.1	000.1151	0147.9	091.8	23.46
019.0	003.1400	0313.2	040.9	240.8	000.1143	0147.9	091.2	23.58
020.0	003.1400	0314.4	040.9	240.5	000.1135	0147.1	090.7	23.66
021.0	003.1400	0315.2	041.0	240.1	000.1126	0147.1	090.2	23.77
022.0	003.1400	0315.7	041.0	239.8	000.1119	0147.1	089.8	23.88
023.0	003.1400	0316.6	041.1	239.4	000.1113	0146.4	089.3	23.96
024.0	003.1400	0317.9	041.1	239.1	000.1107	0146.4	088.8	24.07

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
025.0	003.1400	0319.1	041.2	238.7	000.1101	0146.4	088.4	24.18
026.0	003.1400	0320.1	041.3	238.4	000.1095	0145.7	087.9	24.26
027.0	003.1400	0320.6	041.3	238.0	000.1088	0145.7	087.5	24.35
028.0	003.1400	0320.4	041.3	237.5	000.1081	0145.7	087.2	24.42
029.0	003.1400	0319.8	041.2	237.1	000.1074	0145.1	086.9	24.46
030.0	003.1400	0319.5	041.2	236.7	000.1067	0145.1	086.6	24.53
031.0	003.1400	0319.8	041.2	236.3	000.1060	0144.6	086.2	24.57
032.0	003.1400	0320.1	041.3	235.8	000.1053	0144.6	085.9	24.63
033.0	003.1400	0320.6	041.3	235.4	000.1046	0144.2	085.6	24.68
034.0	003.1400	0321.5	041.3	234.9	000.1039	0144.2	085.3	24.74
035.0	003.1400	0322.3	041.4	234.5	000.1032	0143.7	085.0	24.77
036.0	003.1400	0322.2	041.4	234.0	000.1024	0143.7	084.8	24.81
037.0	003.1400	0321.5	041.3	233.6	000.1017	0143.7	084.6	24.83
038.0	003.1400	0321.0	041.3	233.1	000.1009	0143.0	084.5	24.81
039.0	003.1400	0320.5	041.3	232.6	000.1002	0143.0	084.3	24.82
040.0	003.1400	0319.8	041.2	232.1	000.0994	0142.0	084.2	24.78
041.0	003.1400	0318.7	041.2	231.6	000.0986	0142.0	084.1	24.77
042.0	003.1400	0317.9	041.1	231.1	000.0979	0140.9	084.1	24.71
043.0	003.1400	0317.6	041.1	230.6	000.0971	0140.9	084.0	24.70
044.0	003.1400	0317.7	041.1	230.2	000.0963	0139.7	083.9	24.64
045.0	003.1400	0317.9	041.1	229.7	000.0959	0139.7	083.8	24.64
046.0	003.1400	0318.1	041.1	229.2	000.0956	0138.6	083.8	24.59
047.0	003.1400	0318.2	041.1	228.7	000.0953	0138.6	083.7	24.59
048.0	003.1400	0318.1	041.1	228.2	000.0950	0137.6	083.7	24.53
049.0	003.1400	0317.9	041.1	227.7	000.0947	0137.6	083.7	24.51
050.0	003.1400	0317.9	041.1	227.2	000.0944	0136.6	083.8	24.45
051.0	003.1400	0318.2	041.1	226.7	000.0941	0136.6	083.8	24.42
052.0	003.1400	0318.6	041.2	226.2	000.0938	0135.6	083.8	24.35
053.0	003.1400	0319.2	041.2	225.7	000.0935	0135.6	083.9	24.32
054.0	003.1400	0320.0	041.2	225.3	000.0932	0134.4	084.0	24.24
055.0	003.1400	0320.7	041.3	224.8	000.0929	0134.4	084.0	24.20
056.0	003.1400	0321.0	041.3	224.3	000.0926	0132.7	084.2	24.07
057.0	003.1400	0320.8	041.3	223.8	000.0923	0132.7	084.3	24.01
058.0	003.1400	0320.4	041.3	223.3	000.0920	0130.4	084.5	23.84
059.0	003.1400	0319.9	041.2	222.9	000.0917	0130.4	084.8	23.76
060.0	003.1400	0319.2	041.2	222.4	000.0915	0128.0	085.0	23.57
061.0	003.1400	0318.6	041.2	222.0	000.0912	0128.0	085.3	23.48
062.0	003.1400	0318.0	041.1	221.5	000.0909	0128.0	085.6	23.38
063.0	003.1400	0317.5	041.1	221.1	000.0906	0125.8	085.9	23.19
064.0	003.1400	0316.9	041.1	220.6	000.0904	0125.8	086.2	23.09
065.0	003.1400	0316.4	041.0	220.2	000.0901	0123.9	086.5	22.90
066.0	003.1400	0315.7	041.0	219.8	000.0900	0123.9	086.8	22.79
067.0	003.1400	0314.8	041.0	219.4	000.0900	0122.1	087.2	22.61
068.0	003.1400	0313.7	040.9	219.0	000.0900	0122.1	087.6	22.50
069.0	003.1400	0312.7	040.8	218.6	000.0900	0122.1	088.0	22.38
070.0	003.1400	0312.1	040.8	218.2	000.0900	0120.0	088.4	22.18
071.0	003.1400	0311.7	040.8	217.9	000.0900	0120.0	088.8	22.06
072.0	003.1400	0311.8	040.8	217.5	000.0900	0117.5	089.2	21.84
073.0	003.1400	0312.3	040.8	217.1	000.0900	0117.5	089.6	21.74
074.0	003.1400	0313.5	040.9	216.7	000.0900	0117.5	090.0	21.63
075.0	003.1400	0314.7	041.0	216.3	000.0900	0115.0	090.4	21.41

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
076.0	003.1400	0315.6	041.0	216.0	000.0900	0115.0	090.8	21.30
077.0	003.1400	0315.9	041.0	215.6	000.0900	0115.0	091.2	21.17
078.0	003.1400	0315.7	041.0	215.3	000.0900	0112.6	091.7	20.94
079.0	003.1400	0315.3	041.0	215.0	000.0900	0112.6	092.2	20.80
080.0	003.1400	0314.8	041.0	214.7	000.0900	0112.6	092.8	20.66
081.0	003.1400	0315.0	041.0	214.4	000.0900	0110.5	093.3	20.43
082.0	003.1400	0315.2	041.0	214.1	000.0900	0110.5	093.8	20.29
083.0	003.1400	0315.6	041.0	213.8	000.0900	0110.5	094.3	20.16
084.0	003.1400	0316.3	041.0	213.5	000.0900	0108.5	094.9	19.94
085.0	003.1400	0317.0	041.1	213.2	000.0900	0108.5	095.4	19.80
086.0	003.1400	0317.7	041.1	212.9	000.0900	0108.5	095.9	19.66
087.0	003.1400	0318.5	041.2	212.7	000.0900	0108.5	096.5	19.52
088.0	003.1400	0319.1	041.2	212.4	000.0900	0106.4	097.1	19.29
089.0	003.1400	0319.7	041.2	212.2	000.0900	0106.4	097.6	19.15
090.0	003.1400	0320.3	041.3	211.9	000.0900	0106.4	098.2	19.01
091.0	003.1400	0321.0	041.3	211.7	000.0900	0106.4	098.8	18.86
092.0	003.1400	0321.0	041.3	211.5	000.0900	0104.3	099.5	18.63
093.0	003.1400	0321.1	041.3	211.3	000.0900	0104.3	100.1	18.49
094.0	003.1400	0321.1	041.3	211.1	000.0900	0104.3	100.7	18.34
095.0	003.1400	0320.4	041.3	210.9	000.0900	0104.3	101.4	18.19
096.0	003.1400	0319.5	041.2	210.8	000.0900	0104.3	102.1	18.03
097.0	003.1400	0318.4	041.2	210.7	000.0900	0104.3	102.8	17.88
098.0	003.1400	0317.6	041.1	210.5	000.0900	0104.3	103.4	17.73
099.0	003.1400	0316.9	041.1	210.4	000.0900	0102.3	104.1	17.51
100.0	003.1400	0315.9	041.0	210.3	000.0900	0102.3	104.8	17.36
101.0	003.1400	0315.0	041.0	210.2	000.0900	0102.3	105.5	17.22
102.0	003.1400	0314.9	041.0	210.1	000.0900	0102.3	106.2	17.07
103.0	003.1400	0315.2	041.0	210.0	000.0900	0102.3	106.9	16.94
104.0	003.1400	0315.9	041.0	209.8	000.0900	0102.3	107.6	16.80
105.0	003.1400	0316.7	041.1	209.7	000.0900	0102.3	108.2	16.66
106.0	003.1400	0317.3	041.1	209.6	000.0900	0102.3	108.9	16.52
107.0	003.1400	0317.4	041.1	209.5	000.0900	0102.3	109.6	16.39
108.0	003.1400	0316.8	041.1	209.5	000.0900	0100.2	110.3	16.18

06-15-2006 30 Arc-Sec. Sec. Terrain Data

WVFL.C BMPED20050512ACX
Channel = 210A
Max ERP = 1 kW
RCAMSL = 396 M
N. Lat = 43 48 09
W. Lng = 88 20 18
Protected
   60 dBu

WORT
Channel = 210B1
Max ERP = 3.14 kW
RCAMSL = 583 M
N. Lat = 43 03 03
W. Lng = 89 29 13
Interfering
   40 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
168.0	000.0912	0073.4	008.6	051.1	003.1400	0318.2	121.0	35.42
169.0	000.0906	0073.4	008.6	051.1	003.1400	0318.2	120.8	35.45
170.0	000.0900	0073.1	008.6	051.1	003.1400	0318.2	120.7	35.47
171.0	000.0900	0072.8	008.6	051.0	003.1400	0318.2	120.6	35.50
172.0	000.0900	0073.3	008.6	051.0	003.1400	0318.2	120.5	35.53
173.0	000.0900	0073.8	008.6	051.0	003.1400	0318.2	120.3	35.56
174.0	000.0900	0073.6	008.6	050.9	003.1400	0318.2	120.2	35.59
175.0	000.0900	0073.4	008.6	050.9	003.1400	0318.2	120.1	35.62
176.0	000.0900	0073.5	008.6	050.9	003.1400	0318.2	119.9	35.65
177.0	000.0900	0073.3	008.6	050.8	003.1400	0318.2	119.8	35.67
178.0	000.0900	0073.0	008.6	050.8	003.1400	0318.2	119.7	35.70
179.0	000.0900	0072.7	008.6	050.7	003.1400	0318.2	119.6	35.72
180.0	000.0900	0072.3	008.5	050.7	003.1400	0318.2	119.5	35.75
181.0	000.0900	0071.9	008.5	050.6	003.1400	0318.2	119.4	35.77
182.0	000.0900	0071.9	008.5	050.6	003.1400	0318.2	119.3	35.79
183.0	000.0900	0071.8	008.5	050.5	003.1400	0318.2	119.2	35.82
184.0	000.0900	0072.0	008.5	050.5	003.1400	0317.9	119.1	35.84
185.0	000.0900	0072.5	008.6	050.4	003.1400	0317.9	118.9	35.87
186.0	000.0900	0073.5	008.6	050.4	003.1400	0317.9	118.8	35.90
187.0	000.0900	0074.2	008.7	050.4	003.1400	0317.9	118.7	35.93
188.0	000.0900	0074.9	008.7	050.3	003.1400	0317.9	118.5	35.96
189.0	000.0900	0075.7	008.7	050.3	003.1400	0317.9	118.4	35.99
190.0	000.0900	0076.6	008.8	050.2	003.1400	0317.9	118.2	36.03
191.0	000.0900	0077.3	008.8	050.2	003.1400	0317.9	118.1	36.06
192.0	000.0900	0077.8	008.9	050.2	003.1400	0317.9	118.0	36.08
193.0	000.0900	0078.0	008.9	050.1	003.1400	0317.9	117.9	36.11
194.0	000.0900	0078.5	008.9	050.0	003.1400	0317.9	117.8	36.14
195.0	000.0900	0079.1	008.9	050.0	003.1400	0317.9	117.7	36.16
196.0	000.0900	0079.6	009.0	049.9	003.1400	0317.9	117.5	36.19
197.0	000.0900	0080.0	009.0	049.9	003.1400	0317.9	117.4	36.21
198.0	000.0900	0080.4	009.0	049.8	003.1400	0317.9	117.3	36.24
199.0	000.0900	0081.0	009.1	049.8	003.1400	0317.9	117.2	36.27
200.0	000.0900	0082.0	009.1	049.7	003.1400	0317.9	117.1	36.30
201.0	000.0900	0083.3	009.2	049.7	003.1400	0317.9	116.9	36.33

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
202.0	000.0900	0085.0	009.3	049.6	003.1400	0317.9	116.8	36.37
203.0	000.0900	0086.9	009.4	049.6	003.1400	0317.9	116.6	36.41
204.0	000.0900	0089.0	009.5	049.5	003.1400	0317.9	116.4	36.45
205.0	000.0900	0091.3	009.6	049.5	003.1400	0317.9	116.3	36.49
206.0	000.0900	0093.8	009.7	049.4	003.1400	0317.9	116.1	36.54
207.0	000.0900	0096.1	009.9	049.4	003.1400	0317.9	115.9	36.58
208.0	000.0900	0098.2	010.0	049.3	003.1400	0317.9	115.7	36.62
209.0	000.0900	0100.2	010.1	049.3	003.1400	0317.9	115.6	36.65
210.0	000.0900	0102.3	010.2	049.2	003.1400	0317.9	115.4	36.69
211.0	000.0900	0104.3	010.3	049.1	003.1400	0317.9	115.3	36.73
212.0	000.0900	0106.4	010.4	049.1	003.1400	0317.9	115.1	36.76
213.0	000.0900	0108.5	010.5	049.0	003.1400	0317.9	115.0	36.80
214.0	000.0900	0110.5	010.5	048.9	003.1400	0317.9	114.8	36.83
215.0	000.0900	0112.6	010.6	048.8	003.1400	0317.9	114.7	36.86
216.0	000.0900	0115.0	010.7	048.8	003.1400	0317.9	114.6	36.90
217.0	000.0900	0117.5	010.9	048.7	003.1400	0317.9	114.4	36.94
218.0	000.0900	0120.0	011.0	048.6	003.1400	0317.9	114.3	36.97
219.0	000.0900	0122.1	011.0	048.5	003.1400	0317.9	114.2	37.00
220.0	000.0900	0123.9	011.1	048.4	003.1400	0318.1	114.0	37.03
221.0	000.0906	0125.8	011.2	048.3	003.1400	0318.1	113.9	37.06
222.0	000.0912	0128.0	011.3	048.2	003.1400	0318.1	113.8	37.10
223.0	000.0918	0130.4	011.4	048.1	003.1400	0318.1	113.6	37.13
224.0	000.0924	0132.7	011.6	048.1	003.1400	0318.1	113.5	37.17
225.0	000.0930	0134.4	011.7	048.0	003.1400	0318.1	113.4	37.19
226.0	000.0936	0135.6	011.7	047.9	003.1400	0318.1	113.3	37.21
227.0	000.0942	0136.6	011.8	047.8	003.1400	0318.1	113.3	37.23
228.0	000.0949	0137.6	011.9	047.6	003.1400	0318.1	113.2	37.25
229.0	000.0955	0138.6	011.9	047.5	003.1400	0318.1	113.1	37.26
230.0	000.0961	0139.7	012.0	047.4	003.1400	0318.2	113.1	37.28
231.0	000.0977	0140.9	012.1	047.3	003.1400	0318.2	113.0	37.30
232.0	000.0992	0142.0	012.2	047.2	003.1400	0318.2	112.9	37.33
233.0	000.1008	0143.0	012.3	047.1	003.1400	0318.2	112.8	37.35
234.0	000.1024	0143.7	012.4	047.0	003.1400	0318.2	112.8	37.36
235.0	000.1040	0144.2	012.4	046.9	003.1400	0318.2	112.7	37.37
236.0	000.1056	0144.6	012.5	046.8	003.1400	0318.2	112.7	37.38
237.0	000.1073	0145.1	012.6	046.7	003.1400	0318.2	112.6	37.39
238.0	000.1089	0145.7	012.6	046.5	003.1400	0318.2	112.6	37.40
239.0	000.1106	0146.4	012.7	046.4	003.1400	0318.1	112.6	37.40
240.0	000.1122	0147.1	012.8	046.3	003.1400	0318.1	112.5	37.41
241.0	000.1149	0147.9	012.9	046.2	003.1400	0318.1	112.5	37.42
242.0	000.1175	0148.7	013.0	046.1	003.1400	0318.1	112.4	37.44
243.0	000.1202	0149.5	013.1	045.9	003.1400	0318.1	112.4	37.45
244.0	000.1229	0150.2	013.2	045.8	003.1400	0318.1	112.4	37.46
245.0	000.1257	0150.8	013.3	045.7	003.1400	0318.1	112.3	37.46
246.0	000.1285	0151.5	013.4	045.5	003.1400	0318.1	112.3	37.47
247.0	000.1313	0152.2	013.5	045.4	003.1400	0317.9	112.3	37.47
248.0	000.1341	0152.8	013.6	045.3	003.1400	0317.9	112.3	37.47
249.0	000.1370	0153.3	013.7	045.1	003.1400	0317.9	112.3	37.47
250.0	000.1399	0153.8	013.8	045.0	003.1400	0317.9	112.3	37.47
251.0	000.1442	0154.6	014.0	044.9	003.1400	0317.9	112.3	37.47
252.0	000.1485	0155.4	014.1	044.7	003.1400	0317.9	112.2	37.48

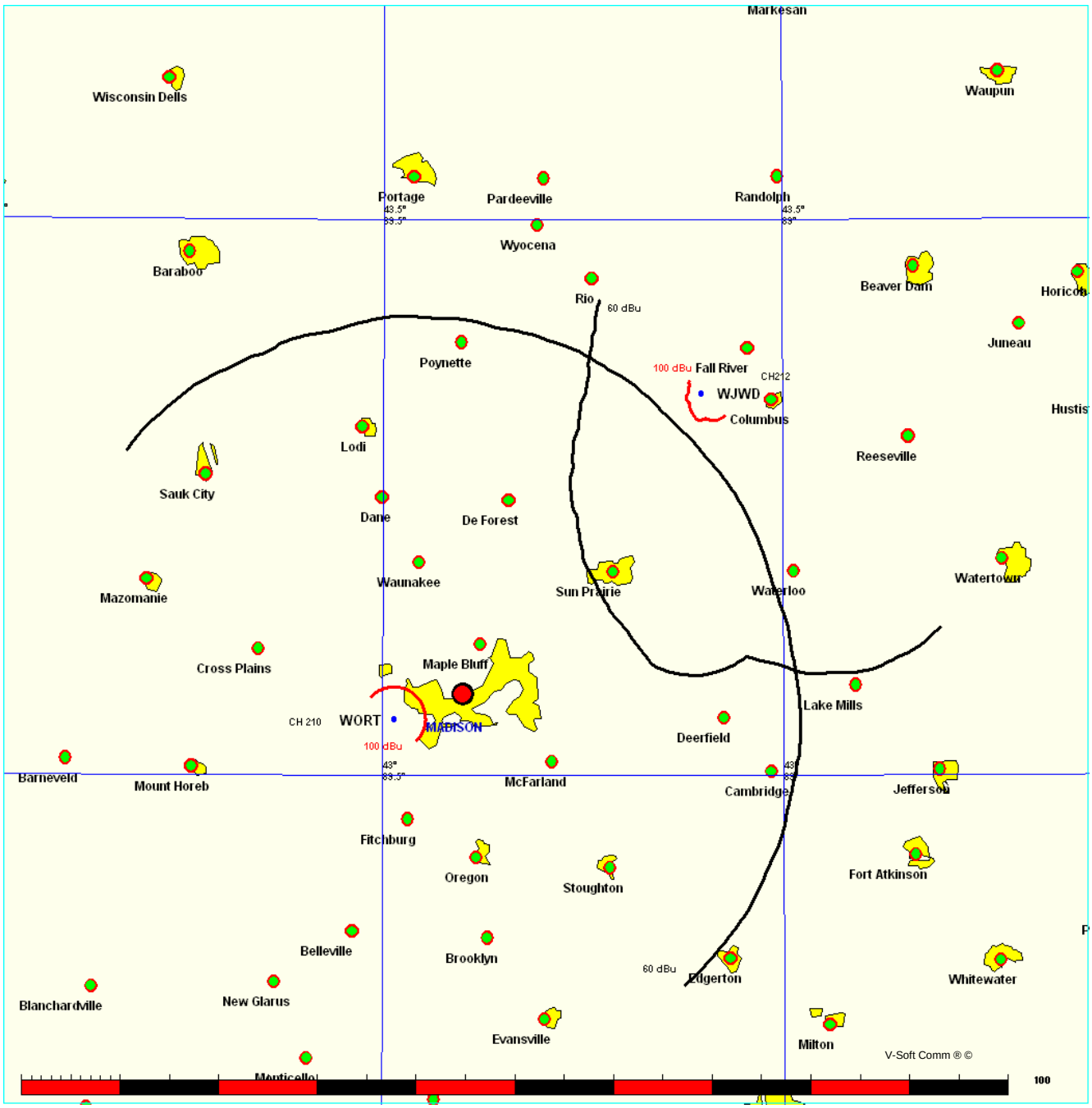
Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
253.0	000.1530	0156.2	014.3	044.6	003.1400	0317.9	112.2	37.49
254.0	000.1575	0156.9	014.4	044.4	003.1400	0317.7	112.2	37.48
255.0	000.1620	0157.4	014.6	044.3	003.1400	0317.7	112.2	37.48
256.0	000.1666	0157.7	014.7	044.1	003.1400	0317.7	112.3	37.47
257.0	000.1713	0157.8	014.8	044.0	003.1400	0317.7	112.3	37.46
258.0	000.1761	0157.9	014.9	043.9	003.1400	0317.7	112.3	37.45
259.0	000.1809	0158.1	015.0	043.7	003.1400	0317.7	112.4	37.44
260.0	000.1858	0158.5	015.1	043.6	003.1400	0317.7	112.4	37.43
261.0	000.1923	0158.9	015.3	043.4	003.1400	0317.6	112.5	37.42
262.0	000.1989	0159.2	015.5	043.3	003.1400	0317.6	112.5	37.41
263.0	000.2057	0159.7	015.6	043.1	003.1400	0317.6	112.5	37.40
264.0	000.2125	0160.1	015.8	042.9	003.1400	0317.6	112.6	37.38
265.0	000.2195	0160.5	016.0	042.8	003.1400	0317.6	112.7	37.37
266.0	000.2266	0160.8	016.1	042.6	003.1400	0317.6	112.7	37.35
267.0	000.2338	0160.9	016.3	042.5	003.1400	0317.9	112.8	37.34
268.0	000.2411	0161.1	016.4	042.3	003.1400	0317.9	112.9	37.31
269.0	000.2485	0161.2	016.6	042.1	003.1400	0317.9	113.0	37.29
270.0	000.2560	0161.3	016.7	042.0	003.1400	0317.9	113.1	37.26
271.0	000.2654	0161.4	016.9	041.8	003.1400	0317.9	113.2	37.23
272.0	000.2750	0161.5	017.1	041.7	003.1400	0317.9	113.3	37.21
273.0	000.2847	0161.7	017.2	041.5	003.1400	0318.7	113.4	37.20
274.0	000.2946	0161.9	017.4	041.3	003.1400	0318.7	113.6	37.17
275.0	000.3047	0162.0	017.6	041.2	003.1400	0318.7	113.7	37.14
276.0	000.3149	0162.2	017.7	041.0	003.1400	0318.7	113.9	37.10
277.0	000.3254	0162.2	017.9	040.9	003.1400	0318.7	114.0	37.06
278.0	000.3359	0162.2	018.0	040.7	003.1400	0318.7	114.2	37.01
279.0	000.3467	0162.3	018.2	040.6	003.1400	0318.7	114.4	36.97
280.0	000.3576	0162.4	018.3	040.4	003.1400	0319.8	114.6	36.96
281.0	000.3705	0162.4	018.5	040.3	003.1400	0319.8	114.8	36.91
282.0	000.3837	0162.4	018.7	040.1	003.1400	0319.8	115.0	36.86
283.0	000.3970	0162.5	018.8	040.0	003.1400	0319.8	115.2	36.81
284.0	000.4106	0162.4	019.0	039.8	003.1400	0319.8	115.4	36.76
285.0	000.4245	0162.5	019.2	039.7	003.1400	0319.8	115.6	36.70
286.0	000.4385	0162.5	019.3	039.5	003.1400	0319.8	115.9	36.65
287.0	000.4528	0162.6	019.5	039.4	003.1400	0320.5	116.1	36.61
288.0	000.4673	0162.6	019.6	039.3	003.1400	0320.5	116.4	36.55

FMCommander Allocation Study
06-15-2006

WORT CH 210 B1
3.14 kW 583 M COR
Prot. = 60 dBu
Intef. = 100 dBu

WJWD CH 212 B1 BLED20030213AAJ
9.9 kW, 380 M COR DA
Prot. = 60 dBu
Intef. = 100 dBu

Scale = 1:1,000,000



WORT
Channel = 210B1
Max ERP = 3.14 kW
RCAMSL = 583 M
N. Lat = 43 03 03
W. Lng = 89 29 13
Protected
60 dBu

WJWD BLED20030213AAJ
Channel = 212B1
Max ERP = 9.9 kW
RCAMSL = 380 M
N. Lat = 43 20 40
W. Lng = 89 06 10
Interfering
100 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
344.0	003.1400	0286.2	039.3	277.3	000.3102	0071.0	042.3	38.95
345.0	003.1400	0287.3	039.4	277.7	000.3102	0070.6	041.7	39.13
346.0	003.1400	0287.4	039.4	278.1	000.3102	0070.6	041.1	39.38
347.0	003.1400	0287.3	039.4	278.4	000.3102	0070.6	040.4	39.63
348.0	003.1400	0287.2	039.4	278.8	000.3102	0070.4	039.8	39.87
349.0	003.1400	0286.5	039.4	279.0	000.3102	0070.4	039.1	40.13
350.0	003.1400	0285.7	039.3	279.3	000.3102	0070.4	038.5	40.39
351.0	003.1400	0286.1	039.3	279.7	000.3102	0070.6	037.8	40.67
352.0	003.1400	0287.4	039.4	280.1	000.3108	0070.6	037.2	40.94
353.0	003.1400	0290.1	039.6	280.7	000.3137	0070.9	036.6	41.27
354.0	003.1400	0292.5	039.7	281.2	000.3165	0070.9	035.9	41.58
355.0	003.1400	0294.6	039.8	281.7	000.3192	0071.3	035.3	41.93
356.0	003.1400	0296.2	039.9	282.2	000.3217	0071.3	034.7	42.24
357.0	003.1400	0298.0	040.0	282.7	000.3242	0071.6	034.0	42.59
358.0	003.1400	0299.5	040.1	283.1	000.3267	0071.6	033.4	42.91
359.0	003.1400	0300.9	040.2	283.5	000.3290	0071.6	032.7	43.24
000.0	003.1400	0302.2	040.3	284.0	000.3313	0071.6	032.1	43.57
001.0	003.1400	0303.6	040.3	284.4	000.3337	0071.6	031.4	43.91
002.0	003.1400	0304.0	040.4	284.7	000.3355	0071.5	030.7	44.26
003.0	003.1400	0304.0	040.4	285.0	000.3370	0071.5	030.0	44.64
004.0	003.1400	0303.5	040.3	285.2	000.3382	0071.5	029.3	45.04
005.0	003.1400	0303.5	040.3	285.5	000.3395	0071.5	028.6	45.46
006.0	003.1400	0304.2	040.4	285.8	000.3413	0071.1	027.9	45.85
007.0	003.1400	0305.6	040.4	286.2	000.3435	0071.1	027.3	46.31
008.0	003.1400	0306.9	040.5	286.6	000.3456	0070.8	026.6	46.74
009.0	003.1400	0307.8	040.6	286.9	000.3474	0070.8	025.9	47.23
010.0	003.1400	0308.7	040.6	287.2	000.3491	0070.8	025.2	47.74
011.0	003.1400	0309.0	040.6	287.4	000.3504	0070.8	024.5	48.25
012.0	003.1400	0308.8	040.6	287.6	000.3512	0070.5	023.8	48.75
013.0	003.1400	0308.4	040.6	287.7	000.3517	0070.5	023.1	49.28
014.0	003.1400	0307.9	040.6	287.7	000.3520	0070.5	022.4	49.83
015.0	003.1400	0307.5	040.5	287.7	000.3522	0070.5	021.7	50.38
016.0	003.1400	0308.5	040.6	288.0	000.3534	0070.5	020.9	50.96
017.0	003.1400	0310.2	040.7	288.3	000.3552	0070.5	020.2	51.55
018.0	003.1400	0311.9	040.8	288.6	000.3569	0070.3	019.5	52.12
019.0	003.1400	0313.2	040.9	288.8	000.3581	0070.3	018.8	52.73
020.0	003.1400	0314.4	040.9	289.0	000.3591	0070.3	018.1	53.34

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
021.0	003.1400	0315.2	041.0	289.0	000.3595	0070.3	017.4	53.96
022.0	003.1400	0315.7	041.0	289.0	000.3595	0070.3	016.7	54.57
023.0	003.1400	0316.6	041.1	289.0	000.3595	0070.3	016.0	55.19
024.0	003.1400	0317.9	041.1	289.1	000.3599	0070.3	015.2	55.83
025.0	003.1400	0319.1	041.2	289.1	000.3598	0070.3	014.5	56.39
026.0	003.1400	0320.1	041.3	289.0	000.3591	0070.3	013.8	57.28
027.0	003.1400	0320.6	041.3	288.7	000.3574	0070.3	013.1	58.23
028.0	003.1400	0320.4	041.3	288.1	000.3542	0070.5	012.4	59.24
029.0	003.1400	0319.8	041.2	287.3	000.3495	0070.8	011.7	60.29
030.0	003.1400	0319.5	041.2	286.4	000.3447	0071.1	011.0	61.39
031.0	003.1400	0319.8	041.2	285.5	000.3397	0071.5	010.3	62.54
032.0	003.1400	0320.1	041.3	284.4	000.3335	0071.6	009.6	63.70
033.0	003.1400	0320.6	041.3	283.1	000.3265	0071.6	008.9	64.86
034.0	003.1400	0321.5	041.3	281.6	000.3189	0071.3	008.2	66.01
035.0	003.1400	0322.3	041.4	279.8	000.3102	0070.6	007.5	67.19
036.0	003.1400	0322.2	041.4	277.1	000.3102	0071.0	006.9	68.81
037.0	003.1400	0321.5	041.3	273.6	000.3102	0071.6	006.3	70.51
038.0	003.1400	0321.0	041.3	269.3	000.3164	0073.6	005.7	72.56
039.0	003.1400	0320.5	041.3	264.0	000.3646	0075.1	005.2	75.07
040.0	003.1400	0319.8	041.2	257.5	000.4349	0072.9	004.8	77.08
041.0	003.1400	0318.7	041.2	249.5	000.5363	0079.0	004.4	79.91
042.0	003.1400	0317.9	041.1	240.4	000.6008	0087.5	004.2	82.22
043.0	003.1400	0317.6	041.1	230.6	000.9336	0087.8	004.0	84.77
044.0	003.1400	0317.7	041.1	220.4	001.4919	0086.0	004.0	86.76
045.0	003.1400	0317.9	041.1	210.3	002.3747	0088.6	004.1	88.60
046.0	003.1400	0318.1	041.1	201.1	003.6441	0090.8	004.3	89.75
047.0	003.1400	0318.2	041.1	193.2	005.2923	0092.8	004.7	90.30
048.0	003.1400	0318.1	041.1	186.6	006.1394	0097.3	005.1	89.90
049.0	003.1400	0317.9	041.1	181.2	006.2738	0098.2	005.6	88.46
050.0	003.1400	0317.9	041.1	176.8	006.0500	0097.4	006.2	86.56
051.0	003.1400	0318.2	041.1	173.2	005.7647	0095.8	006.8	84.56
052.0	003.1400	0318.6	041.2	170.1	005.5308	0093.2	007.4	82.55
053.0	003.1400	0319.2	041.2	167.5	006.2650	0091.6	008.0	81.52
054.0	003.1400	0320.0	041.2	165.3	006.9492	0090.7	008.7	80.61
055.0	003.1400	0320.7	041.3	163.5	007.5339	0090.5	009.3	79.69
056.0	003.1400	0321.0	041.3	162.2	007.9961	0091.3	010.0	78.79
057.0	003.1400	0320.8	041.3	161.2	008.3425	0092.3	010.7	77.86
058.0	003.1400	0320.4	041.3	160.5	008.6002	0093.4	011.4	76.94
059.0	003.1400	0319.9	041.2	159.9	008.7766	0093.4	012.1	75.93
060.0	003.1400	0319.2	041.2	159.5	008.8228	0094.5	012.8	75.02
061.0	003.1400	0318.6	041.2	159.2	008.8573	0094.5	013.5	74.07
062.0	003.1400	0318.0	041.1	158.9	008.8849	0094.5	014.3	73.19
063.0	003.1400	0317.5	041.1	158.7	008.9051	0094.5	015.0	72.38
064.0	003.1400	0316.9	041.1	158.6	008.9193	0094.5	015.7	71.92
065.0	003.1400	0316.4	041.0	158.5	008.9273	0094.5	016.4	71.31
066.0	003.1400	0315.7	041.0	158.6	008.9256	0094.5	017.1	70.71
067.0	003.1400	0314.8	041.0	158.6	008.9155	0094.5	017.8	70.11
068.0	003.1400	0313.7	040.9	158.8	008.8996	0094.5	018.6	69.51
069.0	003.1400	0312.7	040.8	158.9	008.8826	0094.5	019.3	68.92
070.0	003.1400	0312.1	040.8	159.1	008.8685	0094.5	020.0	68.34
071.0	003.1400	0311.7	040.8	159.2	008.8565	0094.5	020.7	67.76

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
072.0	003.1400	0311.8	040.8	159.3	008.8482	0094.5	021.4	67.20
073.0	003.1400	0312.3	040.8	159.3	008.8449	0094.5	022.1	66.65
074.0	003.1400	0313.5	040.9	159.3	008.8480	0094.5	022.8	66.11
075.0	003.1400	0314.7	041.0	159.3	008.8484	0094.5	023.6	65.58
076.0	003.1400	0315.6	041.0	159.3	008.8401	0094.5	024.3	65.05
077.0	003.1400	0315.9	041.0	159.5	008.8215	0094.5	025.0	64.53
078.0	003.1400	0315.7	041.0	159.7	008.7945	0093.4	025.7	63.93
079.0	003.1400	0315.3	041.0	160.0	008.7534	0093.4	026.4	63.43
080.0	003.1400	0314.8	041.0	160.3	008.6454	0093.4	027.1	62.92
081.0	003.1400	0315.0	041.0	160.6	008.5564	0092.3	027.8	62.31
082.0	003.1400	0315.2	041.0	160.8	008.4660	0092.3	028.5	61.83
083.0	003.1400	0315.6	041.0	161.1	008.3799	0092.3	029.2	61.36
084.0	003.1400	0316.3	041.0	161.3	008.3034	0092.3	029.9	60.92
085.0	003.1400	0317.0	041.1	161.5	008.2200	0091.3	030.6	60.40
086.0	003.1400	0317.7	041.1	161.8	008.1336	0091.3	031.3	59.99
087.0	003.1400	0318.5	041.2	162.0	008.0438	0091.3	032.0	59.59
088.0	003.1400	0319.1	041.2	162.3	007.9482	0091.3	032.7	59.21
089.0	003.1400	0319.7	041.2	162.6	007.8497	0090.8	033.4	58.77
090.0	003.1400	0320.3	041.3	162.9	007.7484	0090.8	034.1	58.40
091.0	003.1400	0321.0	041.3	163.2	007.6447	0090.8	034.8	58.02
092.0	003.1400	0321.0	041.3	163.6	007.5239	0090.5	035.5	57.62
093.0	003.1400	0321.1	041.3	163.9	007.4012	0090.5	036.2	57.24
094.0	003.1400	0321.1	041.3	164.3	007.2755	0090.5	036.9	56.87
095.0	003.1400	0320.4	041.3	164.8	007.1330	0090.7	037.5	56.51
096.0	003.1400	0319.5	041.2	165.2	006.9859	0090.7	038.2	56.13
097.0	003.1400	0318.4	041.2	165.7	006.8353	0091.2	038.8	55.81
098.0	003.1400	0317.6	041.1	166.1	006.6921	0091.2	039.5	55.44
099.0	003.1400	0316.9	041.1	166.6	006.5524	0091.6	040.1	55.12
100.0	003.1400	0315.9	041.0	167.0	006.4070	0091.6	040.8	54.76
101.0	003.1400	0315.0	041.0	167.5	006.2666	0091.6	041.4	54.40
102.0	003.1400	0314.9	041.0	167.9	006.1428	0092.0	042.1	54.08
103.0	003.1400	0315.2	041.0	168.3	006.0293	0092.0	042.7	53.74
104.0	003.1400	0315.9	041.0	168.6	005.9232	0092.5	043.4	53.44

06-15-2006 30 Arc-Sec. Sec. Terrain Data

WJWD BLED20030213AAJ
Channel = 212B1
Max ERP = 9.9 kW
RCAMSL = 380 M
N. Lat = 43 20 40
W. Lng = 89 06 10
Protected
60 dBu

WORT
Channel = 210B1
Max ERP = 3.14 kW
RCAMSL = 583 M
N. Lat = 43 03 03
W. Lng = 89 29 13
Interfering
100 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
164.0	007.3800	0090.5	028.3	081.9	003.1400	0315.2	039.5	62.71
165.0	007.0521	0090.7	028.0	081.6	003.1400	0315.2	038.9	62.95
166.0	006.7317	0091.2	027.8	081.4	003.1400	0315.0	038.4	63.18
167.0	006.4186	0091.6	027.6	081.1	003.1400	0315.0	037.9	63.41
168.0	006.1131	0092.0	027.3	080.7	003.1400	0315.0	037.4	63.64
169.0	005.8150	0092.5	027.1	080.4	003.1400	0314.8	036.9	63.86
170.0	005.5243	0093.2	026.9	080.1	003.1400	0314.8	036.5	64.08
171.0	005.6000	0094.0	027.1	080.4	003.1400	0314.8	036.0	64.30
172.0	005.6762	0094.9	027.3	080.7	003.1400	0315.0	035.5	64.53
173.0	005.7529	0095.8	027.5	081.0	003.1400	0315.0	035.0	64.76
174.0	005.8301	0096.6	027.7	081.3	003.1400	0315.0	034.6	65.00
175.0	005.9079	0097.2	027.8	081.6	003.1400	0315.2	034.1	65.24
176.0	005.9862	0097.3	027.9	081.7	003.1400	0315.2	033.6	65.48
177.0	006.0649	0097.4	028.0	081.8	003.1400	0315.2	033.1	65.72
178.0	006.1442	0097.6	028.1	081.9	003.1400	0315.2	032.6	65.97
179.0	006.2240	0097.9	028.2	082.0	003.1400	0315.2	032.1	66.22
180.0	006.3044	0098.1	028.3	082.1	003.1400	0315.2	031.6	66.47
181.0	006.2791	0098.2	028.3	081.9	003.1400	0315.2	031.1	66.73
182.0	006.2539	0098.3	028.3	081.8	003.1400	0315.2	030.6	66.99
183.0	006.2287	0098.2	028.3	081.5	003.1400	0315.2	030.1	67.26
184.0	006.2036	0098.1	028.3	081.3	003.1400	0315.0	029.7	67.53
185.0	006.1786	0098.0	028.2	081.0	003.1400	0315.0	029.2	67.80
186.0	006.1536	0097.7	028.1	080.6	003.1400	0315.0	028.7	68.08
187.0	006.1286	0097.3	028.1	080.2	003.1400	0314.8	028.3	68.36
188.0	006.1037	0096.8	028.0	079.7	003.1400	0314.8	027.8	68.63
189.0	006.0789	0096.4	027.9	079.2	003.1400	0315.3	027.4	68.92
190.0	006.0541	0095.5	027.7	078.5	003.1400	0315.3	027.0	69.18
191.0	005.8074	0094.3	027.3	077.3	003.1400	0315.9	026.7	69.39
192.0	005.5658	0093.4	026.9	076.1	003.1400	0315.6	026.4	69.56
193.0	005.3293	0092.8	026.6	075.0	003.1400	0314.7	026.2	69.72
194.0	005.0980	0092.1	026.2	073.8	003.1400	0313.5	025.9	69.84
195.0	004.8718	0091.2	025.9	072.6	003.1400	0312.3	025.7	69.94
196.0	004.6508	0090.5	025.5	071.3	003.1400	0311.7	025.6	70.05
197.0	004.4348	0090.0	025.2	070.1	003.1400	0312.1	025.4	70.17

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
198.0	004.2240	0089.8	024.9	069.0	003.1400	0312.7	025.2	70.31
199.0	004.0184	0090.0	024.6	067.9	003.1400	0313.7	025.1	70.45
200.0	003.8178	0090.4	024.4	066.9	003.1400	0314.8	024.9	70.60
201.0	003.6621	0090.8	024.2	065.9	003.1400	0315.7	024.7	70.76
202.0	003.5096	0090.9	024.0	064.9	003.1400	0316.4	024.6	70.87
203.0	003.3603	0090.5	023.7	063.7	003.1400	0316.9	024.5	70.93
204.0	003.2143	0089.7	023.4	062.4	003.1400	0318.0	024.5	70.96
205.0	003.0715	0089.2	023.0	061.2	003.1400	0318.6	024.5	70.98
206.0	002.9319	0089.2	022.8	060.1	003.1400	0319.2	024.5	71.02
207.0	002.7956	0089.3	022.6	059.1	003.1400	0319.9	024.5	71.05
208.0	002.6626	0089.0	022.3	057.9	003.1400	0320.4	024.5	71.03
209.0	002.5328	0088.7	022.0	056.8	003.1400	0320.8	024.6	70.99
210.0	002.4062	0088.6	021.7	055.7	003.1400	0321.0	024.7	70.95
211.0	002.3086	0088.7	021.5	054.7	003.1400	0320.7	024.7	70.92
212.0	002.2130	0089.0	021.3	053.8	003.1400	0320.0	024.7	70.89
213.0	002.1195	0089.2	021.1	052.8	003.1400	0319.2	024.8	70.83
214.0	002.0280	0089.2	020.9	051.8	003.1400	0318.6	024.8	70.75
215.0	001.9385	0088.9	020.6	050.8	003.1400	0318.2	025.0	70.63
216.0	001.8510	0088.1	020.3	049.9	003.1400	0317.9	025.2	70.47
217.0	001.7655	0087.3	020.0	048.9	003.1400	0317.9	025.5	70.30
218.0	001.6821	0086.6	019.7	048.0	003.1400	0318.1	025.7	70.14
219.0	001.6007	0086.2	019.4	047.2	003.1400	0318.2	025.9	69.97
220.0	001.5213	0086.0	019.1	046.4	003.1400	0318.1	026.2	69.82
221.0	001.4416	0086.0	018.8	045.6	003.1400	0318.1	026.4	69.66
222.0	001.3641	0086.1	018.6	044.8	003.1400	0317.9	026.6	69.51
223.0	001.2887	0086.2	018.3	044.1	003.1400	0317.7	026.9	69.34
224.0	001.2155	0086.2	018.0	043.4	003.1400	0317.6	027.1	69.15
225.0	001.1444	0086.2	017.7	042.8	003.1400	0317.6	027.4	68.96
226.0	001.1057	0086.4	017.6	042.2	003.1400	0317.9	027.6	68.86
227.0	001.0677	0086.8	017.5	041.6	003.1400	0317.9	027.7	68.78
228.0	001.0303	0087.4	017.4	041.0	003.1400	0318.7	027.9	68.71
229.0	000.9936	0087.7	017.2	040.4	003.1400	0319.8	028.1	68.63
230.0	000.9575	0087.8	017.1	039.8	003.1400	0319.8	028.3	68.50
231.0	000.9185	0087.8	016.9	039.3	003.1400	0320.5	028.5	68.37
232.0	000.8803	0087.9	016.7	038.8	003.1400	0320.5	028.8	68.22
233.0	000.8430	0088.1	016.5	038.4	003.1400	0321.0	029.0	68.08
234.0	000.8064	0088.3	016.3	037.9	003.1400	0321.0	029.2	67.93
235.0	000.7706	0088.5	016.1	037.5	003.1400	0321.5	029.5	67.79
236.0	000.7357	0088.7	015.9	037.1	003.1400	0321.5	029.8	67.63
237.0	000.7015	0088.8	015.7	036.7	003.1400	0321.5	030.1	67.47
238.0	000.6682	0088.7	015.5	036.4	003.1400	0322.2	030.4	67.32
239.0	000.6357	0088.3	015.3	036.1	003.1400	0322.2	030.7	67.14
240.0	000.6040	0087.5	015.0	035.8	003.1400	0322.2	031.1	66.94
241.0	000.5967	0086.4	014.8	035.5	003.1400	0322.2	031.3	66.82
242.0	000.5894	0085.5	014.7	035.2	003.1400	0322.3	031.5	66.70
243.0	000.5822	0084.6	014.6	034.9	003.1400	0322.3	031.8	66.58
244.0	000.5750	0083.7	014.5	034.6	003.1400	0322.3	032.0	66.46
245.0	000.5679	0082.7	014.3	034.3	003.1400	0321.5	032.2	66.32
246.0	000.5608	0081.8	014.2	034.1	003.1400	0321.5	032.5	66.20
247.0	000.5537	0080.9	014.1	033.8	003.1400	0321.5	032.7	66.09
248.0	000.5467	0080.0	014.0	033.6	003.1400	0321.5	032.9	65.97

FMOver Analysis

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
249.0	000.5398	0079.0	013.8	033.4	003.1400	0320.6	033.2	65.83
250.0	000.5329	0077.8	013.7	033.2	003.1400	0320.6	033.4	65.70
251.0	000.5192	0076.4	013.5	033.1	003.1400	0320.6	033.7	65.55
252.0	000.5057	0075.0	013.3	033.0	003.1400	0320.6	034.1	65.41
253.0	000.4923	0073.8	013.1	032.8	003.1400	0320.6	034.3	65.27
254.0	000.4792	0073.1	013.0	032.7	003.1400	0320.6	034.6	65.14
255.0	000.4662	0072.8	012.9	032.5	003.1400	0320.6	034.8	65.04
256.0	000.4534	0072.8	012.8	032.4	003.1400	0320.1	035.0	64.92
257.0	000.4408	0072.9	012.7	032.2	003.1400	0320.1	035.2	64.82
258.0	000.4283	0073.1	012.6	032.0	003.1400	0320.1	035.5	64.72
259.0	000.4160	0073.2	012.5	031.9	003.1400	0320.1	035.7	64.62
260.0	000.4040	0073.4	012.5	031.7	003.1400	0320.1	035.9	64.52
261.0	000.3940	0073.7	012.4	031.6	003.1400	0320.1	036.1	64.43
262.0	000.3842	0074.0	012.4	031.4	003.1400	0319.8	036.3	64.33
263.0	000.3745	0074.6	012.3	031.2	003.1400	0319.8	036.5	64.24
264.0	000.3650	0075.1	012.3	031.1	003.1400	0319.8	036.6	64.15
265.0	000.3555	0075.3	012.2	030.9	003.1400	0319.8	036.9	64.05
266.0	000.3462	0075.2	012.1	030.9	003.1400	0319.8	037.1	63.95
267.0	000.3370	0074.9	012.1	030.8	003.1400	0319.8	037.3	63.84
268.0	000.3279	0074.4	011.9	030.8	003.1400	0319.8	037.5	63.73
269.0	000.3190	0073.6	011.8	030.8	003.1400	0319.8	037.8	63.62
270.0	000.3102	0073.3	011.7	030.7	003.1400	0319.8	038.0	63.51
271.0	000.3102	0073.0	011.7	030.6	003.1400	0319.8	038.2	63.43
272.0	000.3102	0072.8	011.7	030.5	003.1400	0319.5	038.4	63.33
273.0	000.3102	0072.1	011.6	030.4	003.1400	0319.5	038.6	63.24
274.0	000.3102	0071.6	011.6	030.3	003.1400	0319.5	038.8	63.15
275.0	000.3102	0071.3	011.6	030.2	003.1400	0319.5	039.0	63.06
276.0	000.3102	0071.1	011.5	030.1	003.1400	0319.5	039.2	62.98
277.0	000.3102	0071.0	011.5	030.0	003.1400	0319.5	039.4	62.89
278.0	000.3102	0070.6	011.5	029.9	003.1400	0319.5	039.5	62.81
279.0	000.3102	0070.4	011.5	029.8	003.1400	0319.5	039.7	62.72
280.0	000.3102	0070.6	011.5	029.7	003.1400	0319.5	039.9	62.64
281.0	000.3154	0070.9	011.6	029.5	003.1400	0319.5	040.1	62.56
282.0	000.3208	0071.3	011.7	029.3	003.1400	0319.8	040.3	62.49
283.0	000.3261	0071.6	011.7	029.1	003.1400	0319.8	040.4	62.42
284.0	000.3315	0071.6	011.8	029.0	003.1400	0319.8	040.6	62.33