

Exhibit #15

KMUW (New)

Wichita State University

REFERENCE CH# 206C1 - 89.1 MHz, Pwr= 100 kW, HAAT=277.6 M, COR= 698.6 M
 37 46 26.0 N. Average Protected F(50-50)= 70.56 km
 97 30 51.8 W.

DISPLAY DATES
 DATA 12-26-06
 SEARCH 12-26-06

CH CITY	CALL	TYPE STATE	AZI. <--	DIST FILE #	LAT. LNG.	Pwr(kW) HAAT(M)	INT(km) COR(M)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT*
206C1 Wichita	KMUW	LIC CN KS	98.0 278.1	18.78 BLED19870914KA	37 45 01.0 97 18 12.0	100.000 140	153.2 546	57.1 Wichita State University	-206.19*<	-209.56*<
06Z2 Hutchinson	NEW	AP HN KS	284.1 103.6	72.10 BPRM20011009AEG	37 55 43.0 98 18 36.0	0.000	0	0.0 Sierra Grande Broadcasting	72.0R	0.1M**
205C1 Hays	KPRD	LIC CN KS	316.4 135.7	154.01 BLED19940902KF	38 46 16.0 98 44 17.0	83.000 179	89.2 744	60.0 The Praise Network, Inc.	1.14	0.76
206C1 Bartlesville	KWRI	LIC DVX OK	123.3 304.5	213.44 BLED20041021AEQ	36 42 13.0 95 30 57.0	9.986 205	109.9 410	43.5 Educational Media Foundati	33.19	2.32
205C2 Manhattan	KGLV	CP DCX KS	42.5 223.4	187.34 BMPED20061031AAY	39 00 22.0 96 02 57.0	11.000 319	71.7 677	48.6 Educational Media Foundati	44.39	35.13
209C0 Ponca City	KJTH	LIC CX OK	182.5 2.4	130.95 BLED20041018ACD	36 35 42.0 97 34 38.0	100.000 307	10.4 626	73.6 The Love Station, Inc,	50.19	47.67
204C3 Ponca City	KLVV	LIC CN OK	165.8 346.0	124.03 BLED19921229KA	36 41 25.0 97 10 20.0	11.500 146	3.7 444	37.0 The Love Station, Inc.	48.88	77.11
06+2C Tulsa	KOTV	LI CN OK	139.5 320.6	254.38 BLCT19841031KI	36 01 15.0 95 40 32.0	100.000 573	769	125.9 Gri ffin Li censing, L.l.c.	200.3R	54.1M
209A Great Bend	KBDA	LIC CX KS	300.2 119.4	126.23 BLED20060530AFY	38 20 16.0 98 45 48.0	1.400 34	1.6 605	12.7 American Family Associatio	57.15	104.49
209A Emporia	KANH	LIC CX KS	61.4 242.3	138.97 BLED20020502AAC	38 21 45.0 96 07 00.0	3.000 80	1.9 428	19.3 Uni versi ty Of Kansas	65.58	109.72
206C1 Clinton	KYCU	LIC CX OK	207.4 26.5	290.23 BLED20021001AAC	35 26 40.0 98 59 22.0	40.000 193	139.8 680	55.8 Cameron Uni versi ty	81.03	65.83
208C1 Salina	KHCD	LIC CN KS	4.2 184.3	148.11 BLED19880229KF	39 06 16.0 97 23 15.0	100.000 275	9.9 679	71.2 Hutchinson Communi ty Colle	67.36	67.13
203C2 Salina	KAKA	LIC DCN KS	348.5 168.3	146.89 BLED19980619KA	39 04 12.0 97 51 14.0	46.000 120	5.4 531	48.0 American Family Associatio	71.18	89.23
203C2 Independence	KBQC	LIC VX KS	122.3 303.1	148.44 BLED20050715AAD	37 03 11.0 96 06 07.0	20.000 145	4.2 405	40.8 American Family Associatio	73.83	97.95
260C1 Salina	KSKG	LIC CN KS	359.5 179.5	113.16 BLH6653	38 47 36.0 97 31 33.0	100.000 174	2.0 557	12.5 Eagle Communi cations, Inc.	34.0R	79.2M
06+2C Ensign	KBSDTV	LI HN KS	267.5 85.7	249.97 BMLCT20040826AAG	37 38 28.0 100 20 39.0	100.000 219	1046	95.9 Sunflower Broadcasting, In	167.3R	82.6M
06NT Junction City	KTLJ-C	LI HN KS	23.9 204.3	151.47 BLTVL19880729IX	39 01 07.0 96 48 14.0	0.016 84	408	4.0 Montgomery Communi cations,	67.7R	83.7M

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

** - Notice for proposed rule making - Not considered as application is still pending processing.

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.

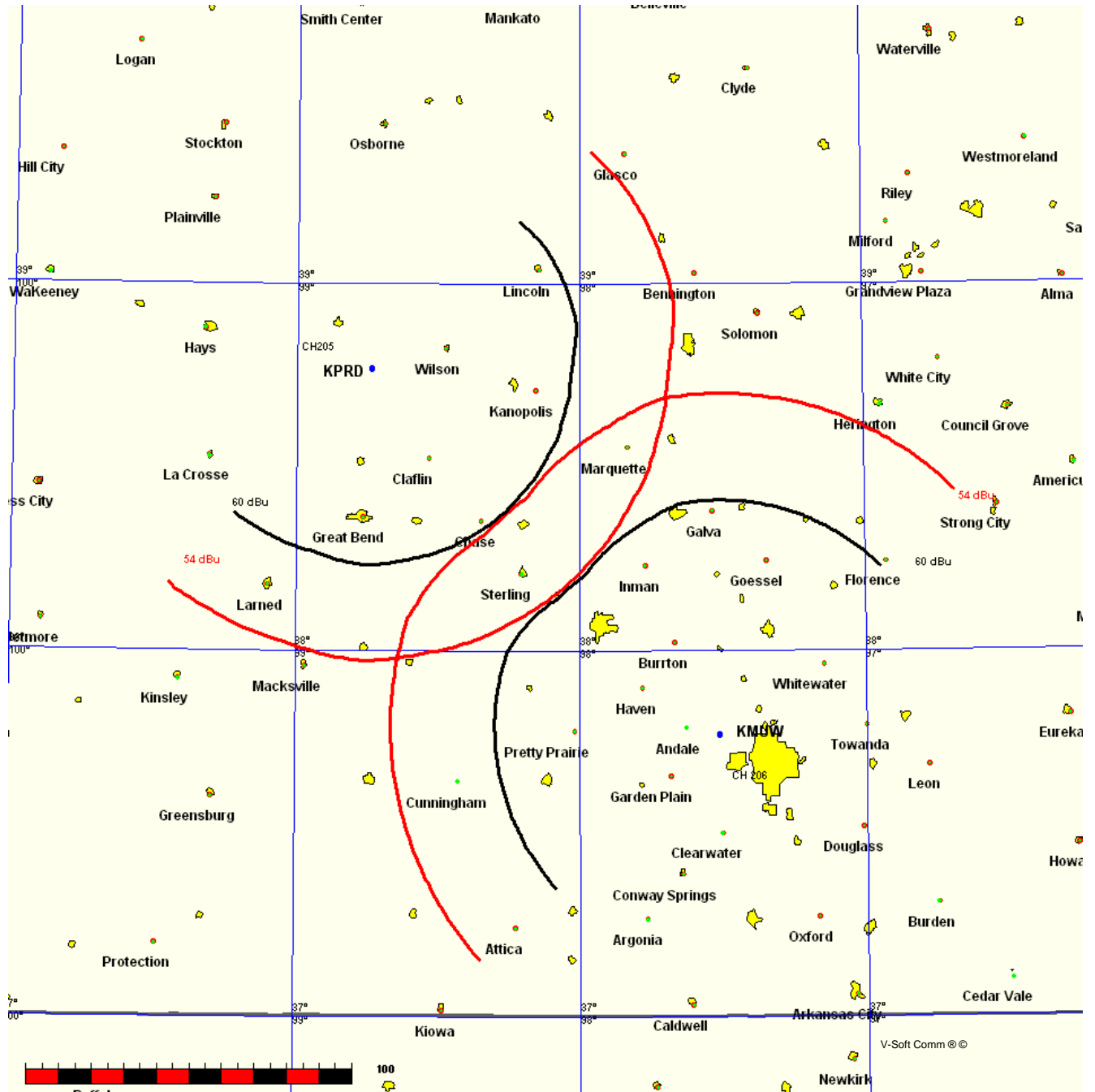
For I.F. relationships the "IN" and "OUT" columns change their significance. The letter "R" stands for the minimum **required** distance in kilometers, while the letter "M" in the next column follows the **available clear space** separation in kilometers. Minimum separation distances when displayed are 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 Single Allocation Study
12-26-2006

KMUW	CH 206 C1	KPRD	CH 205 C1	BLED19940902KF
100.0 kW	698.6 M COR DA	83.0 kW,	744 M COR	
Prot. = 60 dBu		Prot. = 60 dBu		
Intef. = 54 dBu		Intef. = 54 dBu		

Scale = 1:3,000,000



KMUW

Channel = 206C1

Max ERP = 100 kW

RCAMSL = 698.6 M

N. Lat = 37 46 26.0

W. Lng = 97 30 51.8

Protected

60 dBu

KPRD

BLED19940902KF

Channel = 205C1

Max ERP = 83 kW

RCAMSL = 744 M

N. Lat = 38 46 16.0

W. Lng = 98 44 17.0

Interfering

54 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
256.0	100.0000	0254.9	068.6	162.3	083.0000	0172.7	133.6	43.60
257.0	100.0000	0255.2	068.7	162.2	083.0000	0172.7	132.4	43.83
258.0	100.0000	0255.5	068.7	162.2	083.0000	0172.7	131.2	44.07
259.0	100.0000	0255.8	068.7	162.1	083.0000	0172.7	130.0	44.30
260.0	100.0000	0256.3	068.8	162.1	083.0000	0172.7	128.8	44.53
261.0	100.0000	0256.6	068.8	162.0	083.0000	0172.7	127.6	44.77
262.0	100.0000	0257.0	068.8	162.0	083.0000	0172.7	126.4	45.00
263.0	100.0000	0257.3	068.8	161.9	083.0000	0172.7	125.2	45.23
264.0	100.0000	0257.6	068.9	161.8	083.0000	0172.7	124.1	45.46
265.0	100.0000	0257.9	068.9	161.7	083.0000	0172.7	122.9	45.69
266.0	100.0000	0258.2	068.9	161.6	083.0000	0172.7	121.7	45.92
267.0	100.0000	0258.6	069.0	161.4	083.0000	0173.2	120.5	46.16
268.0	100.0000	0259.0	069.0	161.3	083.0000	0173.2	119.4	46.39
269.0	100.0000	0259.5	069.0	161.1	083.0000	0173.2	118.2	46.62
270.0	100.0000	0260.0	069.1	161.0	083.0000	0173.2	117.0	46.85
271.0	100.0000	0260.4	069.1	160.8	083.0000	0173.2	115.9	47.08
272.0	100.0000	0260.9	069.1	160.6	083.0000	0173.2	114.7	47.30
273.0	100.0000	0261.3	069.2	160.4	083.0000	0173.5	113.6	47.54
274.0	100.0000	0261.8	069.2	160.2	083.0000	0173.5	112.5	47.77
275.0	100.0000	0262.1	069.2	160.0	083.0000	0173.5	111.4	48.00
276.0	100.0000	0262.3	069.3	159.7	083.0000	0173.5	110.3	48.23
277.0	100.0000	0262.7	069.3	159.4	083.0000	0173.8	109.2	48.48
278.0	100.0000	0263.0	069.3	159.1	083.0000	0173.8	108.1	48.72
279.0	100.0000	0263.3	069.4	158.8	083.0000	0173.8	107.0	48.97
280.0	100.0000	0263.6	069.4	158.5	083.0000	0173.8	106.0	49.21
281.0	100.0000	0264.0	069.4	158.2	083.0000	0174.1	104.9	49.47
282.0	100.0000	0264.2	069.4	157.8	083.0000	0174.1	103.9	49.72
283.0	100.0000	0264.4	069.4	157.5	083.0000	0174.2	102.9	49.98
284.0	100.0000	0264.8	069.5	157.1	083.0000	0174.2	101.9	50.24
285.0	100.0000	0265.4	069.5	156.7	083.0000	0174.2	100.9	50.50
286.0	100.0000	0266.1	069.6	156.3	083.0000	0174.0	099.9	50.75
287.0	100.0000	0266.8	069.6	155.9	083.0000	0174.0	098.9	51.01
288.0	100.0000	0267.5	069.7	155.4	083.0000	0173.8	098.0	51.27
289.0	100.0000	0267.9	069.7	155.0	083.0000	0173.8	097.1	51.52
290.0	100.0000	0268.3	069.8	154.5	083.0000	0173.7	096.2	51.76
291.0	097.6342	0268.6	069.6	153.9	083.0000	0173.7	095.5	51.96
292.0	095.2966	0269.0	069.4	153.2	083.0000	0173.5	094.8	52.15

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
293.0	092.9874	0269.3	069.1	152.6	083.0000	0173.5	094.2	52.32
294.0	090.7066	0269.6	068.9	151.9	083.0000	0173.5	093.6	52.49
295.0	088.4540	0269.9	068.7	151.3	083.0000	0173.6	093.1	52.66
296.0	086.2298	0270.3	068.5	150.6	083.0000	0173.6	092.5	52.81
297.0	084.0339	0270.7	068.2	149.9	083.0000	0174.0	092.1	52.97
298.0	081.8663	0271.1	068.0	149.2	083.0000	0174.5	091.6	53.12
299.0	079.7270	0271.4	067.8	148.5	083.0000	0174.8	091.2	53.24
300.0	077.6161	0271.7	067.5	147.8	083.0000	0174.8	090.9	53.35
301.0	075.0302	0272.0	067.2	147.0	083.0000	0174.9	090.6	53.43
302.0	072.4882	0272.3	066.9	146.3	083.0000	0175.0	090.4	53.50
303.0	069.9900	0272.7	066.6	145.5	083.0000	0175.0	090.2	53.55
304.0	067.5355	0273.1	066.3	144.8	083.0000	0175.3	090.1	53.61
305.0	065.1249	0273.5	065.9	144.0	083.0000	0175.8	090.0	53.65
306.0	062.7581	0273.8	065.6	143.2	083.0000	0176.4	090.0	53.68
307.0	060.4351	0274.1	065.3	142.5	083.0000	0176.8	090.0	53.70
308.0	058.1559	0274.3	064.9	141.7	083.0000	0176.8	090.0	53.68
309.0	055.9205	0274.5	064.5	141.0	083.0000	0177.2	090.1	53.66
310.0	053.7289	0274.6	064.1	140.2	083.0000	0177.6	090.3	53.63
311.0	053.2608	0274.8	064.1	139.5	083.0000	0177.6	090.2	53.67
312.0	052.7948	0275.1	064.0	138.8	083.0000	0177.9	090.1	53.70
313.0	052.3308	0275.3	063.9	138.1	083.0000	0178.2	090.0	53.73
314.0	051.8688	0275.5	063.9	137.4	083.0000	0178.4	090.0	53.75
315.0	051.4089	0275.7	063.8	136.7	083.0000	0178.4	090.0	53.74
316.0	050.9510	0275.8	063.7	135.9	083.0000	0178.6	090.1	53.73
317.0	050.4952	0276.1	063.6	135.2	083.0000	0178.6	090.2	53.71
318.0	050.0415	0276.4	063.6	134.5	083.0000	0178.6	090.3	53.67
319.0	049.5898	0276.6	063.5	133.8	083.0000	0178.6	090.4	53.63
320.0	049.1401	0276.8	063.4	133.1	083.0000	0178.5	090.6	53.57
321.0	050.4668	0277.0	063.7	132.4	083.0000	0178.4	090.5	53.60
322.0	051.8112	0277.2	064.0	131.7	083.0000	0178.4	090.4	53.63
323.0	053.1733	0277.3	064.2	131.0	083.0000	0178.2	090.3	53.64
324.0	054.5530	0277.3	064.5	130.2	083.0000	0178.4	090.3	53.65
325.0	055.9504	0277.3	064.7	129.5	083.0000	0178.4	090.4	53.64
326.0	057.3655	0277.2	065.0	128.8	083.0000	0179.0	090.5	53.64
327.0	058.7982	0277.2	065.2	128.0	083.0000	0179.8	090.6	53.63
328.0	060.2486	0277.2	065.5	127.3	083.0000	0180.7	090.7	53.62
329.0	061.7167	0277.3	065.7	126.6	083.0000	0180.7	090.9	53.57
330.0	063.2025	0277.3	066.0	125.9	083.0000	0181.4	091.1	53.52
331.0	064.5934	0277.3	066.2	125.1	083.0000	0181.8	091.4	53.46
332.0	065.9994	0277.3	066.4	124.4	083.0000	0182.1	091.7	53.37
333.0	067.4205	0277.2	066.6	123.7	083.0000	0182.1	092.1	53.26
334.0	068.8568	0277.1	066.8	123.0	083.0000	0182.2	092.5	53.15
335.0	070.3082	0277.1	067.0	122.4	083.0000	0182.1	092.9	53.01
336.0	071.7748	0277.1	067.2	121.7	083.0000	0182.1	093.4	52.87
337.0	073.2565	0277.1	067.4	121.0	083.0000	0182.0	093.9	52.72
338.0	074.7533	0277.3	067.6	120.4	083.0000	0182.1	094.4	52.58
339.0	076.2653	0277.6	067.8	119.7	083.0000	0182.1	095.0	52.41
340.0	077.7924	0277.8	068.1	119.1	083.0000	0182.4	095.6	52.25
341.0	079.8878	0278.0	068.3	118.4	083.0000	0182.5	096.2	52.09
342.0	082.0111	0278.2	068.6	117.8	083.0000	0182.5	096.8	51.92
343.0	084.1623	0278.4	068.9	117.2	083.0000	0182.7	097.4	51.74

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
344.0	086.3413	0278.6	069.2	116.6	083.0000	0182.7	098.1	51.55
345.0	088.5481	0278.9	069.4	116.0	083.0000	0183.2	098.8	51.37
346.0	090.7828	0279.1	069.7	115.4	083.0000	0184.2	099.6	51.20
347.0	093.0453	0279.3	070.0	114.8	083.0000	0184.2	100.3	50.98
348.0	095.3357	0279.4	070.2	114.3	083.0000	0185.5	101.2	50.81
349.0	097.6539	0279.5	070.5	113.8	083.0000	0185.5	102.0	50.58
350.0	100.0000	0279.7	070.7	113.3	083.0000	0186.9	102.9	50.40
351.0	100.0000	0279.9	070.8	112.9	083.0000	0186.9	103.9	50.13
352.0	100.0000	0280.2	070.8	112.5	083.0000	0186.9	104.9	49.86
353.0	100.0000	0280.4	070.8	112.2	083.0000	0187.6	106.0	49.62
354.0	100.0000	0280.6	070.8	111.8	083.0000	0187.6	107.1	49.36
355.0	100.0000	0280.7	070.8	111.5	083.0000	0187.6	108.2	49.10
356.0	100.0000	0280.8	070.8	111.2	083.0000	0188.0	109.3	48.86
357.0	100.0000	0281.0	070.8	110.9	083.0000	0188.0	110.4	48.61
358.0	100.0000	0281.1	070.8	110.7	083.0000	0188.0	111.5	48.36
359.0	100.0000	0281.2	070.9	110.4	083.0000	0188.0	112.7	48.13
000.0	100.0000	0281.2	070.9	110.2	083.0000	0188.0	113.8	47.89
001.0	100.0000	0281.2	070.9	110.0	083.0000	0188.0	115.0	47.65
002.0	100.0000	0281.2	070.9	109.8	083.0000	0188.0	116.1	47.41
003.0	100.0000	0281.2	070.9	109.6	083.0000	0188.0	117.3	47.17
004.0	100.0000	0281.3	070.9	109.4	083.0000	0187.8	118.5	46.93
005.0	100.0000	0281.5	070.9	109.2	083.0000	0187.8	119.7	46.69
006.0	100.0000	0281.6	070.9	109.1	083.0000	0187.8	120.9	46.45
007.0	100.0000	0281.6	070.9	108.9	083.0000	0187.8	122.1	46.21
008.0	100.0000	0281.7	070.9	108.8	083.0000	0187.8	123.3	45.97
009.0	100.0000	0281.7	070.9	108.7	083.0000	0187.8	124.5	45.73
010.0	100.0000	0281.9	070.9	108.6	083.0000	0187.8	125.8	45.49
011.0	100.0000	0282.2	070.9	108.5	083.0000	0187.8	127.0	45.25
012.0	100.0000	0282.6	071.0	108.4	083.0000	0187.6	128.2	45.01
013.0	100.0000	0282.9	071.0	108.3	083.0000	0187.6	129.4	44.77
014.0	100.0000	0283.2	071.0	108.3	083.0000	0187.6	130.7	44.52
015.0	100.0000	0283.4	071.0	108.2	083.0000	0187.6	131.9	44.28
016.0	100.0000	0283.5	071.1	108.2	083.0000	0187.6	133.1	44.04

12-26-2006 30 Arc-Sec. Sec. Terrain Data

KPRD BLED19940902KF

Channel = 205C1

Max ERP = 83 kW

RCAMSL = 744 M

N. Lat = 38 46 16.0

W. Lng = 98 44 17.0

Protected

60 dBu

KMUW

Channel = 206C1

Max ERP = 100 kW

RCAMSL = 698.6 M

N. Lat = 37 46 26.0

W. Lng = 97 30 51.8

Interfering

54 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
076.0	083.0000	0226.0	064.4	340.8	079.4698	0278.0	133.9	45.71
077.0	083.0000	0225.0	064.3	340.7	079.3342	0278.0	132.8	45.94
078.0	083.0000	0223.6	064.2	340.6	079.0855	0278.0	131.7	46.16
079.0	083.0000	0221.5	064.0	340.5	078.7613	0277.8	130.6	46.36
080.0	083.0000	0219.1	063.8	340.3	078.3915	0277.8	129.5	46.56
081.0	083.0000	0216.4	063.5	340.1	077.9775	0277.8	128.5	46.75
082.0	083.0000	0213.8	063.3	339.9	077.6111	0277.8	127.5	46.94
083.0	083.0000	0211.1	063.1	339.7	077.2709	0277.8	126.4	47.13
084.0	083.0000	0208.2	062.8	339.4	076.9003	0277.6	125.4	47.31
085.0	083.0000	0205.6	062.5	339.2	076.5318	0277.6	124.5	47.50
086.0	083.0000	0203.1	062.3	338.9	076.1542	0277.6	123.5	47.68
087.0	083.0000	0200.7	062.1	338.7	075.7652	0277.6	122.5	47.86
088.0	083.0000	0198.6	061.9	338.4	075.3795	0277.3	121.6	48.03
089.0	083.0000	0197.0	061.8	338.2	075.0068	0277.3	120.6	48.21
090.0	083.0000	0195.4	061.6	337.9	074.6216	0277.3	119.7	48.39
091.0	083.0000	0193.9	061.5	337.6	074.2204	0277.3	118.7	48.57
092.0	083.0000	0192.4	061.3	337.4	073.8070	0277.1	117.8	48.75
093.0	083.0000	0191.6	061.3	337.1	073.4237	0277.1	116.9	48.94
094.0	083.0000	0191.3	061.2	336.9	073.0476	0277.1	115.9	49.13
095.0	083.0000	0191.0	061.2	336.6	072.6574	0277.1	115.0	49.32
096.0	083.0000	0191.1	061.2	336.3	072.2717	0277.1	114.1	49.52
097.0	083.0000	0191.6	061.2	336.1	071.8927	0277.1	113.1	49.72
098.0	083.0000	0192.1	061.3	335.8	071.4985	0277.1	112.2	49.92
099.0	083.0000	0192.0	061.3	335.5	071.0489	0277.1	111.3	50.12
100.0	083.0000	0190.9	061.2	335.1	070.5246	0277.1	110.5	50.30
101.0	083.0000	0189.4	061.0	334.8	069.9670	0277.1	109.7	50.47
102.0	083.0000	0188.2	060.9	334.4	069.4061	0277.1	108.9	50.65
103.0	083.0000	0187.6	060.9	334.0	068.8662	0277.1	108.2	50.83
104.0	083.0000	0187.5	060.9	333.6	068.3378	0277.1	107.3	51.03
105.0	083.0000	0187.5	060.9	333.3	067.7978	0277.2	106.6	51.22
106.0	083.0000	0187.5	060.9	332.9	067.2377	0277.2	105.8	51.41
107.0	083.0000	0187.5	060.9	332.5	066.6623	0277.3	105.0	51.59
108.0	083.0000	0187.6	060.9	332.1	066.0774	0277.3	104.3	51.78
109.0	083.0000	0187.8	060.9	331.6	065.4823	0277.3	103.5	51.96

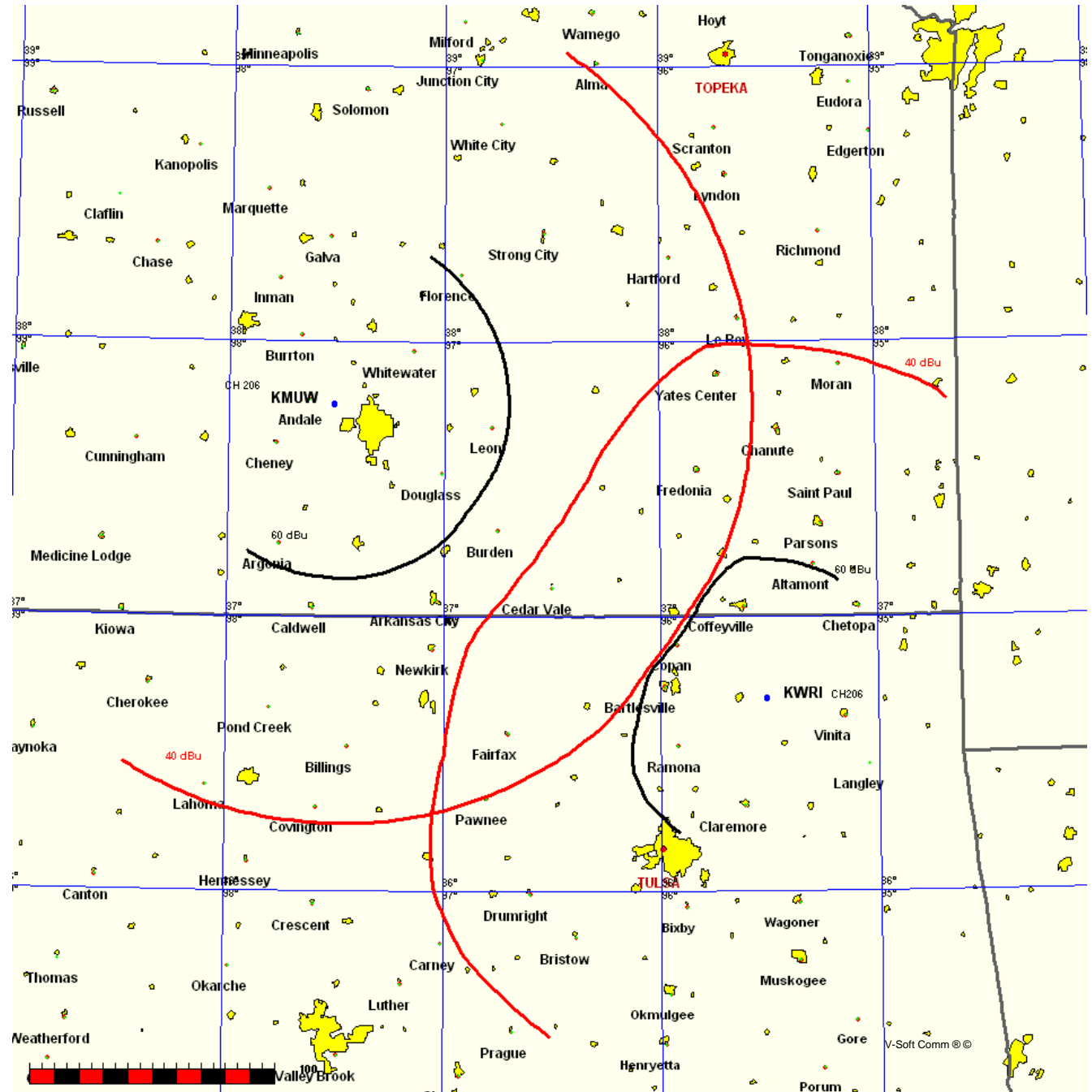
Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
110.0	083.0000	0188.0	060.9	331.2	064.8725	0277.3	102.8	52.14
111.0	083.0000	0188.0	060.9	330.7	064.2322	0277.3	102.1	52.30
112.0	083.0000	0187.6	060.9	330.3	063.5677	0277.3	101.5	52.45
113.0	083.0000	0186.9	060.8	329.8	062.8448	0277.3	100.9	52.58
114.0	083.0000	0185.5	060.7	329.2	062.0562	0277.3	100.4	52.68
115.0	083.0000	0184.2	060.6	328.7	061.2589	0277.3	099.9	52.77
116.0	083.0000	0183.2	060.5	328.1	060.4652	0277.2	099.4	52.86
117.0	083.0000	0182.7	060.4	327.6	059.6849	0277.2	098.9	52.96
118.0	083.0000	0182.5	060.4	327.1	058.9073	0277.2	098.4	53.06
119.0	083.0000	0182.4	060.4	326.5	058.1207	0277.2	097.9	53.15
120.0	083.0000	0182.1	060.4	326.0	057.3211	0277.2	097.5	53.23
121.0	083.0000	0182.0	060.4	325.4	056.5182	0277.3	097.1	53.31
122.0	083.0000	0182.1	060.4	324.8	055.7143	0277.3	096.6	53.38
123.0	083.0000	0182.2	060.4	324.3	054.9043	0277.3	096.2	53.44
124.0	083.0000	0182.1	060.4	323.7	054.0839	0277.3	095.9	53.48
125.0	083.0000	0181.8	060.4	323.1	053.2533	0277.3	095.6	53.51
126.0	083.0000	0181.4	060.3	322.4	052.4168	0277.2	095.3	53.52
127.0	083.0000	0180.7	060.2	321.8	051.5760	0277.2	095.1	53.52
128.0	083.0000	0179.8	060.2	321.2	050.7338	0277.0	094.9	53.49
129.0	083.0000	0179.0	060.1	320.6	049.8945	0277.0	094.8	53.46
130.0	083.0000	0178.4	060.0	319.9	049.1664	0276.8	094.7	53.43
131.0	083.0000	0178.2	060.0	319.3	049.4490	0276.6	094.5	53.50
132.0	083.0000	0178.4	060.0	318.7	049.7324	0276.6	094.4	53.56
133.0	083.0000	0178.5	060.0	318.1	050.0181	0276.4	094.3	53.62
134.0	083.0000	0178.6	060.0	317.4	050.3059	0276.1	094.2	53.66
135.0	083.0000	0178.6	060.0	316.8	050.5953	0276.1	094.2	53.69
136.0	083.0000	0178.6	060.0	316.1	050.8858	0275.8	094.2	53.71
137.0	083.0000	0178.4	060.0	315.5	051.1768	0275.8	094.2	53.72
138.0	083.0000	0178.2	060.0	314.9	051.4679	0275.7	094.3	53.72
139.0	083.0000	0177.9	060.0	314.2	051.7585	0275.5	094.4	53.71
140.0	083.0000	0177.6	059.9	313.6	052.0483	0275.5	094.5	53.69
141.0	083.0000	0177.2	059.9	313.0	052.3369	0275.3	094.7	53.65
142.0	083.0000	0176.8	059.9	312.4	052.6239	0275.1	094.9	53.60
143.0	083.0000	0176.4	059.8	311.8	052.9083	0275.1	095.2	53.55
144.0	083.0000	0175.8	059.8	311.2	053.1903	0274.8	095.4	53.48
145.0	083.0000	0175.3	059.7	310.6	053.4699	0274.8	095.7	53.40
146.0	083.0000	0175.0	059.7	310.0	053.8169	0274.6	096.1	53.33
147.0	083.0000	0174.9	059.7	309.4	055.1034	0274.5	096.4	53.32
148.0	083.0000	0174.8	059.7	308.8	056.3891	0274.5	096.7	53.32
149.0	083.0000	0174.5	059.6	308.2	057.6621	0274.3	097.1	53.29
150.0	083.0000	0174.0	059.6	307.7	058.9193	0274.3	097.6	53.24
151.0	083.0000	0173.6	059.5	307.1	060.1703	0274.1	098.0	53.19
152.0	083.0000	0173.5	059.5	306.6	061.4261	0274.1	098.5	53.14
153.0	083.0000	0173.5	059.5	306.0	062.6838	0273.8	098.9	53.07
154.0	083.0000	0173.7	059.6	305.5	063.9365	0273.5	099.4	53.00
155.0	083.0000	0173.8	059.6	305.0	065.1792	0273.5	099.9	52.93
156.0	083.0000	0174.0	059.6	304.5	066.4121	0273.1	100.4	52.83
157.0	083.0000	0174.2	059.6	304.0	067.6243	0273.1	101.0	52.74
158.0	083.0000	0174.1	059.6	303.5	068.8040	0272.7	101.6	52.63
159.0	083.0000	0173.8	059.6	303.0	069.9486	0272.7	102.2	52.51
160.0	083.0000	0173.5	059.5	302.6	071.0702	0272.7	102.9	52.38

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
161.0	083.0000	0173.2	059.5	302.1	072.1645	0272.3	103.5	52.23
162.0	083.0000	0172.7	059.5	301.7	073.2214	0272.3	104.2	52.08
163.0	083.0000	0172.1	059.4	301.3	074.2410	0272.0	105.0	51.92
164.0	083.0000	0171.5	059.3	300.9	075.2307	0272.0	105.7	51.76
165.0	083.0000	0170.9	059.3	300.5	076.1987	0272.0	106.5	51.59
166.0	083.0000	0170.6	059.2	300.2	077.1663	0271.7	107.3	51.43
167.0	083.0000	0170.4	059.2	299.8	078.0190	0271.7	108.0	51.26
168.0	083.0000	0170.4	059.2	299.4	078.7803	0271.4	108.8	51.08
169.0	083.0000	0170.5	059.2	299.1	079.5221	0271.4	109.6	50.91
170.0	083.0000	0170.6	059.2	298.8	080.2485	0271.4	110.4	50.74
171.0	083.0000	0170.6	059.2	298.4	080.9417	0271.1	111.2	50.56
172.0	083.0000	0170.8	059.2	298.1	081.6276	0271.1	112.0	50.39
173.0	083.0000	0171.2	059.3	297.8	082.3129	0271.1	112.9	50.22
174.0	083.0000	0171.9	059.4	297.5	083.0012	0270.7	113.7	50.05
175.0	083.0000	0172.5	059.4	297.2	083.6593	0270.7	114.5	49.89
176.0	083.0000	0172.9	059.5	296.9	084.2783	0270.7	115.4	49.72
177.0	083.0000	0173.4	059.5	296.6	084.8768	0270.7	116.3	49.55
178.0	083.0000	0173.9	059.6	296.4	085.4563	0270.3	117.1	49.36
179.0	083.0000	0174.3	059.6	296.1	086.0022	0270.3	118.1	49.19
180.0	083.0000	0174.8	059.7	295.9	086.5287	0270.3	119.0	49.02
181.0	083.0000	0175.2	059.7	295.6	087.0321	0270.3	119.9	48.84
182.0	083.0000	0175.2	059.7	295.4	087.4683	0269.9	120.9	48.65
183.0	083.0000	0174.6	059.7	295.3	087.8165	0269.9	121.8	48.46
184.0	083.0000	0173.7	059.6	295.2	088.1142	0269.9	122.8	48.26
185.0	083.0000	0173.0	059.5	295.0	088.4071	0269.9	123.8	48.07
186.0	083.0000	0172.2	059.4	294.9	088.6654	0269.9	124.8	47.87
187.0	083.0000	0171.4	059.3	294.8	088.8991	0269.9	125.9	47.68
188.0	083.0000	0170.5	059.2	294.7	089.0975	0269.9	126.9	47.48
189.0	083.0000	0169.7	059.1	294.6	089.2897	0269.9	127.9	47.28
190.0	083.0000	0169.0	059.1	294.5	089.4710	0269.9	128.9	47.08
191.0	083.0000	0168.4	059.0	294.5	089.6350	0269.6	129.9	46.88
192.0	083.0000	0167.7	058.9	294.4	089.7757	0269.6	130.9	46.68
193.0	083.0000	0167.0	058.8	294.4	089.8880	0269.6	132.0	46.47
194.0	083.0000	0166.3	058.8	294.3	089.9860	0269.6	133.0	46.27
195.0	083.0000	0165.6	058.7	294.3	090.0656	0269.6	134.0	46.06
196.0	083.0000	0165.0	058.6	294.3	090.1240	0269.6	135.0	45.85

FMCommander Single Allocation Study
12-26-2006

KMUW	CH 206 C1	KWRI	CH 206 C1	BLED20041021AEQ
100.0 kW	698.6 M COR DA	100.0 kW,	410 M COR DA	
Prot. = 60 dBu		Prot. = 60 dBu		
Intef. = 40 dBu		Intef. = 40 dBu		

Scale = 1:4,000,000



KMUW

Channel = 206C1

Max ERP = 100 kW

RCAMSL = 698.6 M

N. Lat = 37 46 26.0

W. Lng = 97 30 51.8

Protected

60 dBu

KWRI

BLED20041021AEQ

Channel = 206C1

Max ERP = 100 kW

RCAMSL = 410 M

N. Lat = 36 42 13.0

W. Lng = 95 30 57.0

Interfering

40 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
063.0	100.0000	0288.4	071.5	323.6	015.0819	0202.0	189.1	26.83
064.0	100.0000	0288.5	071.5	323.6	015.0534	0202.0	187.8	27.07
065.0	100.0000	0288.7	071.5	323.5	015.0000	0202.0	186.5	27.29
066.0	100.0000	0288.9	071.5	323.4	014.9412	0202.3	185.3	27.51
067.0	100.0000	0289.1	071.5	323.3	014.8763	0202.3	184.1	27.73
068.0	100.0000	0289.3	071.5	323.2	014.8052	0202.3	182.9	27.94
069.0	100.0000	0289.4	071.5	323.1	014.7287	0202.3	181.7	28.14
070.0	100.0000	0289.5	071.5	323.0	014.6469	0202.3	180.5	28.35
071.0	100.0000	0289.7	071.6	322.9	014.5598	0202.3	179.3	28.54
072.0	100.0000	0289.9	071.6	322.8	014.4678	0202.3	178.2	28.74
073.0	100.0000	0290.0	071.6	322.6	014.3686	0202.3	177.0	28.92
074.0	100.0000	0290.0	071.6	322.5	014.2633	0202.5	175.8	29.10
075.0	100.0000	0290.1	071.6	322.3	014.1534	0202.5	174.7	29.28
076.0	100.0000	0290.4	071.6	322.1	014.0398	0202.5	173.5	29.45
077.0	100.0000	0290.5	071.6	322.0	013.9197	0202.5	172.4	29.62
078.0	100.0000	0290.7	071.6	321.8	013.7940	0202.5	171.3	29.78
079.0	100.0000	0290.7	071.6	321.6	013.6600	0202.5	170.2	29.93
080.0	100.0000	0290.5	071.6	321.4	013.5184	0202.4	169.1	30.08
081.0	100.0000	0290.4	071.6	321.2	013.3715	0202.4	168.0	30.22
082.0	100.0000	0290.3	071.6	320.9	013.2188	0202.4	167.0	30.36
083.0	100.0000	0290.2	071.6	320.7	013.0632	0202.4	165.9	30.49
084.0	100.0000	0290.3	071.6	320.5	012.9029	0202.3	164.9	30.61
085.0	100.0000	0290.3	071.6	320.2	012.7376	0202.3	163.9	30.74
086.0	100.0000	0290.3	071.6	319.9	012.5879	0202.3	162.9	30.86
087.0	100.0000	0290.4	071.6	319.7	012.5138	0202.3	161.9	31.01
088.0	100.0000	0290.5	071.6	319.4	012.4374	0202.1	160.9	31.16
089.0	100.0000	0290.7	071.6	319.1	012.3588	0202.1	159.9	31.30
090.0	100.0000	0290.9	071.7	318.8	012.2787	0202.1	159.0	31.43
091.0	100.0000	0291.3	071.7	318.5	012.1966	0202.1	158.0	31.56
092.0	100.0000	0291.6	071.7	318.2	012.1122	0202.0	157.1	31.69
093.0	100.0000	0291.9	071.7	317.9	012.0255	0202.0	156.2	31.81
094.0	100.0000	0292.2	071.8	317.6	011.9367	0202.0	155.4	31.92
095.0	100.0000	0292.4	071.8	317.2	011.8447	0202.3	154.5	32.04
096.0	100.0000	0292.5	071.8	316.9	011.7505	0202.3	153.7	32.14
097.0	100.0000	0292.6	071.8	316.5	011.6540	0202.3	152.9	32.24
098.0	100.0000	0292.7	071.8	316.1	011.5555	0202.7	152.1	32.34
099.0	100.0000	0292.8	071.8	315.8	011.4550	0202.7	151.4	32.43

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
100.0	100.0000	0292.8	071.8	315.4	011.3526	0203.1	150.7	32.52
101.0	099.8001	0292.8	071.8	315.0	011.2469	0203.1	150.0	32.59
102.0	099.6004	0292.7	071.8	314.6	011.1397	0203.1	149.3	32.66
103.0	099.4009	0292.7	071.7	314.1	011.0309	0203.4	148.7	32.73
104.0	099.2016	0292.6	071.7	313.7	010.9207	0203.4	148.1	32.79
105.0	099.0025	0292.6	071.7	313.3	010.8095	0204.0	147.5	32.86
106.0	098.8036	0292.6	071.7	312.8	010.6972	0204.0	147.0	32.91
107.0	098.6049	0292.6	071.7	312.4	010.5837	0204.7	146.5	32.97
108.0	098.4064	0292.6	071.6	311.9	010.4693	0204.7	146.0	33.01
109.0	098.2081	0292.6	071.6	311.5	010.3538	0205.4	145.5	33.06
110.0	098.0100	0292.6	071.6	311.0	010.2377	0205.4	145.1	33.09
111.0	096.9437	0292.7	071.5	310.5	010.1183	0205.4	144.8	33.10
112.0	095.8833	0292.8	071.4	310.1	009.9989	0205.8	144.5	33.11
113.0	094.8286	0292.9	071.3	309.6	009.9856	0205.8	144.3	33.15
114.0	093.7799	0292.9	071.2	309.1	009.9856	0205.9	144.1	33.19
115.0	092.7369	0292.7	071.0	308.6	009.9856	0205.9	143.9	33.22
116.0	091.6998	0292.6	070.9	308.1	009.9856	0205.7	143.8	33.24
117.0	090.6685	0292.5	070.8	307.6	009.9856	0205.7	143.7	33.26
118.0	089.6430	0292.4	070.7	307.1	009.9856	0205.4	143.6	33.27
119.0	088.6234	0292.3	070.6	306.6	009.9856	0205.4	143.5	33.27
120.0	087.6096	0292.1	070.4	306.1	009.9856	0205.3	143.5	33.27
121.0	087.4973	0292.0	070.4	305.6	009.9856	0205.3	143.5	33.28
122.0	087.3851	0291.8	070.4	305.1	009.9856	0205.4	143.4	33.29
123.0	087.2730	0291.7	070.3	304.6	009.9856	0205.4	143.4	33.29
124.0	087.1609	0291.6	070.3	304.1	009.9856	0205.5	143.5	33.29
125.0	087.0489	0291.6	070.3	303.7	009.9856	0205.5	143.5	33.28
126.0	086.9370	0291.7	070.3	303.2	009.9856	0205.6	143.6	33.27
127.0	086.8251	0291.7	070.3	302.7	009.9856	0205.6	143.7	33.25
128.0	086.7133	0291.7	070.3	302.2	009.9856	0205.7	143.8	33.23
129.0	086.6016	0291.7	070.3	301.7	009.9856	0205.7	144.0	33.20
130.0	086.4900	0291.8	070.3	301.2	009.9856	0206.1	144.2	33.17
131.0	087.7969	0291.9	070.4	300.7	009.9856	0206.1	144.3	33.16
132.0	089.1136	0292.1	070.6	300.2	009.9856	0206.7	144.4	33.15
133.0	090.4401	0292.2	070.7	299.7	010.0479	0206.7	144.5	33.16
134.0	091.7764	0292.2	070.9	299.3	010.1693	0207.3	144.7	33.19
135.0	093.1225	0292.1	071.0	298.8	010.2908	0207.3	144.9	33.20
136.0	094.4784	0291.9	071.2	298.3	010.4123	0207.7	145.1	33.21
137.0	095.8441	0291.8	071.3	297.8	010.5337	0207.7	145.4	33.21
138.0	097.2196	0291.7	071.4	297.3	010.6552	0207.7	145.7	33.21
139.0	098.6049	0291.6	071.6	296.9	010.7765	0207.7	146.1	33.19
140.0	100.0000	0291.5	071.7	296.4	010.8972	0207.5	146.5	33.17
141.0	100.0000	0291.3	071.7	295.9	011.0108	0207.5	147.0	33.11
142.0	100.0000	0291.2	071.7	295.5	011.1235	0207.5	147.6	33.06
143.0	100.0000	0291.3	071.7	295.1	011.2354	0207.2	148.2	32.99
144.0	100.0000	0291.4	071.7	294.7	011.3462	0207.2	148.8	32.93
145.0	100.0000	0291.5	071.7	294.2	011.4551	0206.9	149.4	32.85
146.0	100.0000	0291.4	071.7	293.8	011.5622	0206.9	150.1	32.78
147.0	100.0000	0291.4	071.7	293.4	011.6675	0206.9	150.8	32.70
148.0	100.0000	0291.5	071.7	293.1	011.7713	0206.9	151.5	32.61
149.0	100.0000	0291.4	071.7	292.7	011.8729	0206.9	152.3	32.53
150.0	100.0000	0291.3	071.7	292.3	011.9722	0207.1	153.0	32.44

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
151.0	100.0000	0291.2	071.7	291.9	012.0694	0207.1	153.8	32.34
152.0	100.0000	0291.1	071.7	291.6	012.1647	0207.1	154.7	32.23
153.0	100.0000	0290.9	071.7	291.3	012.2576	0207.5	155.5	32.13
154.0	100.0000	0290.8	071.7	290.9	012.3482	0207.5	156.4	32.01
155.0	100.0000	0290.7	071.6	290.6	012.4370	0207.5	157.2	31.90
156.0	100.0000	0290.8	071.6	290.3	012.5241	0207.7	158.1	31.78
157.0	100.0000	0290.7	071.6	290.0	012.6161	0207.7	159.1	31.65
158.0	100.0000	0290.5	071.6	289.7	012.8086	0207.7	160.0	31.55
159.0	100.0000	0290.4	071.6	289.4	012.9966	0207.7	161.0	31.44
160.0	100.0000	0290.4	071.6	289.1	013.1817	0207.7	162.0	31.33
161.0	100.0000	0290.4	071.6	288.9	013.3610	0207.7	162.9	31.22
162.0	100.0000	0290.2	071.6	288.6	013.5332	0207.7	164.0	31.10
163.0	100.0000	0289.9	071.6	288.4	013.6975	0207.5	165.0	30.96
164.0	100.0000	0289.4	071.5	288.1	013.8540	0207.5	166.1	30.82
165.0	100.0000	0288.9	071.5	287.9	014.0032	0207.5	167.1	30.68
166.0	100.0000	0288.4	071.5	287.7	014.1470	0207.5	168.2	30.53
167.0	100.0000	0287.9	071.4	287.5	014.2864	0207.5	169.3	30.38
168.0	100.0000	0287.6	071.4	287.3	014.4216	0207.1	170.4	30.22
169.0	100.0000	0287.2	071.4	287.1	014.5508	0207.1	171.5	30.06
170.0	100.0000	0286.8	071.3	286.9	014.6741	0207.1	172.7	29.90
171.0	100.0000	0286.4	071.3	286.8	014.7901	0207.1	173.8	29.73
172.0	100.0000	0285.8	071.2	286.6	014.8979	0207.1	174.9	29.55
173.0	100.0000	0285.1	071.2	286.5	014.9989	0206.3	176.1	29.36
174.0	100.0000	0284.4	071.1	286.4	015.0927	0206.3	177.3	29.17
175.0	100.0000	0283.8	071.1	286.2	015.1828	0206.3	178.5	28.98
176.0	100.0000	0283.1	071.0	286.1	015.2637	0206.3	179.6	28.78
177.0	100.0000	0282.0	070.9	286.0	015.3337	0206.3	180.8	28.57
178.0	100.0000	0280.7	070.8	285.9	015.3938	0206.3	182.1	28.36
179.0	100.0000	0279.5	070.7	285.9	015.4492	0206.3	183.3	28.14
180.0	100.0000	0278.3	070.6	285.8	015.4991	0206.3	184.5	27.92
181.0	100.0000	0277.0	070.5	285.7	015.5425	0206.3	185.7	27.70
182.0	100.0000	0276.0	070.4	285.7	015.5856	0206.3	186.9	27.47
183.0	100.0000	0275.3	070.4	285.6	015.6284	0206.3	188.1	27.25

KWRI BLED20041021AEQ
 Channel = 206C1
 Max ERP = 100 kW
 RCAMSL = 410 M
 N. Lat = 36 42 13.0
 W. Lng = 95 30 57.0
 Protected
 60 dBu

KMUW
 Channel = 206C1
 Max ERP = 100 kW
 RCAMSL = 698.6 M
 N. Lat = 37 46 26.0
 W. Lng = 97 30 51.8
 Interfering
 40 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
245.0	065.4481	0208.1	060.5	139.4	099.0947	0291.6	189.4	36.59
246.0	062.4732	0208.6	060.2	139.1	098.7901	0291.6	188.6	36.74
247.0	059.5675	0208.9	059.7	138.9	098.4956	0291.6	187.7	36.90
248.0	056.7310	0209.1	059.3	138.7	098.1849	0291.6	186.8	37.05
249.0	053.9637	0209.1	058.8	138.5	097.8570	0291.7	186.0	37.19
250.0	051.2656	0208.9	058.4	138.2	097.5098	0291.7	185.2	37.33
251.0	049.1822	0208.3	057.9	138.0	097.1764	0291.7	184.4	37.46
252.0	047.1420	0207.2	057.4	137.7	096.8184	0291.7	183.7	37.59
253.0	045.1450	0206.0	056.9	137.4	096.4495	0291.8	183.0	37.71
254.0	043.1912	0205.0	056.5	137.2	096.0759	0291.8	182.3	37.82
255.0	041.2806	0204.1	056.0	136.9	095.6971	0291.8	181.6	37.93
256.0	039.4133	0203.2	055.5	136.6	095.3125	0291.8	181.0	38.03
257.0	037.5892	0202.3	055.0	136.3	094.9164	0291.9	180.4	38.12
258.0	035.8083	0201.3	054.4	136.0	094.5111	0291.9	179.9	38.21
259.0	034.0706	0200.5	053.9	135.7	094.1044	0291.9	179.3	38.29
260.0	032.3761	0199.8	053.4	135.4	093.6960	0292.1	178.8	38.37
261.0	031.6069	0199.3	053.2	135.2	093.3747	0292.1	178.2	38.47
262.0	030.8469	0198.8	052.9	134.9	093.0487	0292.1	177.6	38.56
263.0	030.0962	0198.4	052.6	134.7	092.7199	0292.1	177.0	38.65
264.0	029.3547	0198.1	052.4	134.5	092.3866	0292.2	176.5	38.74
265.0	028.6225	0197.6	052.1	134.2	092.0432	0292.2	175.9	38.82
266.0	027.8995	0197.3	051.9	133.9	091.6989	0292.2	175.4	38.89
267.0	027.1858	0197.1	051.6	133.7	091.3553	0292.2	174.9	38.97
268.0	026.4813	0197.2	051.4	133.4	091.0119	0292.2	174.4	39.04
269.0	025.7861	0197.2	051.2	133.2	090.6635	0292.2	173.9	39.10
270.0	025.1001	0197.2	050.9	132.9	090.3089	0292.2	173.5	39.16
271.0	024.5619	0197.2	050.7	132.6	089.9653	0292.2	173.0	39.23
272.0	024.0296	0197.1	050.5	132.4	089.6178	0292.1	172.6	39.29
273.0	023.5031	0197.2	050.3	132.1	089.2677	0292.1	172.2	39.34
274.0	022.9824	0197.4	050.1	131.9	088.9183	0292.1	171.7	39.40
275.0	022.4676	0197.7	050.0	131.6	088.5665	0292.1	171.3	39.45
276.0	021.9586	0198.2	049.8	131.3	088.2149	0291.9	171.0	39.49
277.0	021.4554	0198.9	049.6	131.1	087.8647	0291.9	170.6	39.54
278.0	020.9581	0199.7	049.5	130.8	087.5126	0291.9	170.2	39.59

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
279.0	020.4666	0200.4	049.3	130.5	087.1568	0291.9	169.9	39.63
280.0	019.9809	0201.2	049.2	130.2	086.7983	0291.8	169.5	39.66
281.0	019.1669	0201.9	048.9	129.9	086.4975	0291.8	169.4	39.67
282.0	018.3698	0202.6	048.5	129.6	086.5315	0291.8	169.3	39.70
283.0	017.5896	0203.4	048.2	129.3	086.5656	0291.7	169.2	39.71
284.0	016.8264	0204.3	047.9	129.0	086.5996	0291.7	169.1	39.73
285.0	016.0801	0205.4	047.6	128.7	086.6334	0291.7	169.0	39.74
286.0	015.3507	0206.3	047.2	128.4	086.6672	0291.7	169.0	39.75
287.0	014.6383	0207.1	046.9	128.1	086.7014	0291.7	169.0	39.74
288.0	013.9428	0207.5	046.5	127.8	086.7356	0291.7	169.1	39.73
289.0	013.2642	0207.7	046.1	127.5	086.7698	0291.7	169.2	39.72
290.0	012.6025	0207.7	045.6	127.2	086.8040	0291.7	169.4	39.69
291.0	012.3271	0207.5	045.4	126.9	086.8351	0291.7	169.3	39.70
292.0	012.0548	0207.1	045.2	126.6	086.8662	0291.7	169.3	39.70
293.0	011.7855	0206.9	045.0	126.4	086.8971	0291.7	169.3	39.70
294.0	011.5192	0206.9	044.8	126.1	086.9277	0291.7	169.3	39.70
295.0	011.2560	0207.2	044.6	125.8	086.9581	0291.7	169.4	39.70
296.0	010.9959	0207.5	044.4	125.5	086.9883	0291.7	169.4	39.70
297.0	010.7387	0207.7	044.2	125.3	087.0184	0291.6	169.4	39.69
298.0	010.4846	0207.7	044.0	125.0	087.0485	0291.6	169.5	39.67
299.0	010.2336	0207.3	043.8	124.7	087.0784	0291.6	169.7	39.65
300.0	009.9856	0206.7	043.5	124.5	087.1082	0291.6	169.8	39.62
301.0	009.9856	0206.1	043.5	124.2	087.1370	0291.6	169.8	39.63
302.0	009.9856	0205.7	043.5	124.0	087.1658	0291.6	169.8	39.63
303.0	009.9856	0205.6	043.5	123.7	087.1945	0291.6	169.8	39.64
304.0	009.9856	0205.5	043.5	123.4	087.2233	0291.7	169.8	39.64
305.0	009.9856	0205.4	043.4	123.2	087.2521	0291.7	169.8	39.64
306.0	009.9856	0205.3	043.4	122.9	087.2808	0291.7	169.8	39.64
307.0	009.9856	0205.4	043.5	122.7	087.3095	0291.7	169.8	39.63
308.0	009.9856	0205.7	043.5	122.4	087.3383	0291.8	169.9	39.63
309.0	009.9856	0205.9	043.5	122.2	087.3670	0291.8	169.9	39.62
310.0	009.9856	0205.8	043.5	121.9	087.3956	0291.8	170.0	39.61
311.0	010.2336	0205.4	043.7	121.6	087.4250	0291.8	170.0	39.62
312.0	010.4846	0204.7	043.8	121.4	087.4545	0292.0	169.9	39.63
313.0	010.7387	0204.0	044.0	121.1	087.4841	0292.0	169.9	39.63
314.0	010.9959	0203.4	044.1	120.9	087.5139	0292.0	169.9	39.63
315.0	011.2560	0203.1	044.3	120.6	087.5439	0292.0	169.9	39.63
316.0	011.5192	0202.7	044.5	120.3	087.5739	0292.1	170.0	39.63
317.0	011.7855	0202.3	044.6	120.0	087.6040	0292.1	170.0	39.63
318.0	012.0548	0202.0	044.8	119.8	087.8322	0292.1	170.1	39.63
319.0	012.3271	0202.1	045.0	119.5	088.1077	0292.1	170.1	39.63
320.0	012.6025	0202.3	045.2	119.2	088.3854	0292.3	170.2	39.64
321.0	013.2642	0202.4	045.6	118.9	088.6951	0292.3	170.0	39.68
322.0	013.9428	0202.5	046.1	118.6	089.0067	0292.3	169.9	39.71
323.0	014.6383	0202.3	046.5	118.3	089.3186	0292.4	169.9	39.74
324.0	015.3507	0202.0	046.9	118.0	089.6317	0292.4	169.9	39.76
325.0	016.0801	0201.8	047.3	117.7	089.9473	0292.4	169.9	39.77
326.0	016.8264	0201.6	047.7	117.4	090.2638	0292.5	169.9	39.78
327.0	017.5896	0200.9	048.0	117.1	090.5760	0292.5	170.0	39.78
328.0	018.3698	0200.0	048.3	116.8	090.8839	0292.5	170.1	39.77
329.0	019.1669	0199.0	048.6	116.5	091.1912	0292.6	170.3	39.76

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
330.0	019.9809	0198.2	048.9	116.2	091.4986	0292.6	170.5	39.74
331.0	021.0222	0197.4	049.3	115.9	091.8236	0292.6	170.6	39.73
332.0	022.0900	0197.1	049.8	115.6	092.1542	0292.6	170.8	39.72
333.0	023.1842	0197.3	050.2	115.2	092.4941	0292.7	170.9	39.71
334.0	024.3049	0198.0	050.7	114.9	092.8408	0292.7	171.1	39.70
335.0	025.4520	0198.8	051.2	114.6	093.1884	0292.7	171.3	39.69
336.0	026.6256	0199.5	051.6	114.2	093.5313	0292.9	171.5	39.67
337.0	027.8256	0199.8	052.0	113.9	093.8668	0292.9	171.8	39.63
338.0	029.0521	0199.9	052.4	113.6	094.1957	0292.9	172.1	39.59
339.0	030.3050	0200.1	052.8	113.3	094.5240	0292.9	172.5	39.55
340.0	031.5844	0200.6	053.2	113.0	094.8529	0292.9	172.9	39.50
341.0	033.2468	0200.9	053.7	112.6	095.2027	0292.9	173.2	39.45
342.0	034.9517	0201.1	054.2	112.3	095.5440	0292.8	173.6	39.40
343.0	036.6994	0201.0	054.6	112.0	095.8742	0292.8	174.0	39.34
344.0	038.4896	0200.7	055.0	111.7	096.1957	0292.8	174.5	39.27
345.0	040.3225	0200.4	055.4	111.4	096.5119	0292.7	175.0	39.19
346.0	042.1980	0200.3	055.8	111.1	096.8269	0292.7	175.6	39.11
347.0	044.1162	0200.1	056.2	110.8	097.1338	0292.7	176.2	39.02
348.0	046.0769	0199.6	056.6	110.5	097.4256	0292.7	176.8	38.92
349.0	048.0804	0198.9	056.9	110.3	097.7071	0292.6	177.4	38.81
350.0	050.1264	0198.5	057.2	110.0	097.9897	0292.6	178.1	38.70
351.0	050.1264	0198.5	057.2	109.9	098.0387	0292.6	179.0	38.55
352.0	050.1264	0198.1	057.2	109.7	098.0677	0292.6	179.9	38.38
353.0	050.1264	0197.1	057.1	109.6	098.0927	0292.6	180.8	38.21
354.0	050.1264	0196.0	057.0	109.5	098.1162	0292.6	181.7	38.04
355.0	050.1264	0194.6	056.9	109.4	098.1366	0292.6	182.7	37.86
356.0	050.1264	0192.9	056.8	109.3	098.1543	0292.6	183.6	37.67
357.0	050.1264	0190.7	056.6	109.2	098.1681	0292.6	184.6	37.49
358.0	050.1264	0188.8	056.4	109.1	098.1822	0292.6	185.6	37.30
359.0	050.1264	0186.9	056.2	109.1	098.1953	0292.6	186.6	37.11
000.0	050.1264	0185.6	056.1	109.0	098.2101	0292.6	187.5	36.93
001.0	050.1264	0185.3	056.1	108.9	098.2282	0292.6	188.5	36.76
002.0	050.1264	0184.9	056.1	108.8	098.2452	0292.6	189.4	36.58
003.0	050.1264	0184.6	056.0	108.7	098.2614	0292.6	190.4	36.40
004.0	050.1264	0184.0	056.0	108.7	098.2751	0292.6	191.3	36.23
005.0	050.1264	0184.1	056.0	108.6	098.2910	0292.6	192.3	36.06