

R. LEE WHEELER - WHEELER BROADCAST CONSULTING 30 Sec.  
02-18-2004

KJCV  
Channel= 209  
Max ERP = 3.9 kW  
RCAMSL = 456 M  
N. Lat = 394235  
W. Lng = 950233

KIWR BLED19810923AA  
Channel = 209  
Max ERP = 100 kW  
RCAMSL = 670 M  
N. Lat = 411840  
W. Lng = 960137

Protected  
60 dBu

Interfering  
40 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
290.0	3.900	136.7	29.4	161.5	98.048	319.4	176.8	39.5
291.0	3.741	137.1	29.2	161.3	98.260	319.2	176.5	39.5
292.0	3.585	137.4	28.9	161.1	98.485	319.0	176.3	39.5
293.0	3.433	137.7	28.7	161.0	98.711	318.7	176.1	39.6
294.0	3.284	138.0	28.4	160.8	98.940	318.4	175.9	39.6
295.0	3.138	138.1	28.1	160.6	99.177	318.1	175.7	39.7
296.0	2.996	138.4	27.9	160.4	99.409	317.8	175.6	39.7
297.0	2.856	138.4	27.6	160.3	99.651	317.4	175.5	39.7
298.0	2.720	138.1	27.2	160.1	99.901	317.1	175.4	39.7
299.0	2.588	137.5	26.9	159.9	100.000	316.7	175.3	39.7
300.0	2.459	136.9	26.5	159.7	100.000	316.4	175.3	39.7
301.0	2.359	136.2	26.2	159.5	100.000	316.1	175.2	39.7
302.0	2.261	135.6	25.9	159.3	100.000	315.8	175.2	39.8
303.0	2.165	134.8	25.6	159.2	100.000	315.5	175.2	39.7
304.0	2.071	133.8	25.3	159.0	100.000	315.2	175.2	39.7
305.0	1.980	132.7	25.0	158.8	100.000	315.0	175.2	39.7
306.0	1.890	131.6	24.6	158.6	100.000	314.7	175.2	39.7
307.0	1.803	130.7	24.3	158.4	100.000	314.5	175.3	39.7
308.0	1.717	130.0	24.0	158.3	100.000	314.4	175.3	39.7
309.0	1.634	129.3	23.6	158.1	100.000	314.2	175.4	39.7
310.0	1.553	128.7	23.3	157.9	100.000	314.1	175.5	39.7
311.0	1.490	128.7	23.1	157.8	100.000	314.0	175.5	39.7
312.0	1.427	129.7	23.0	157.6	100.000	314.0	175.5	39.7
313.0	1.367	131.3	22.9	157.5	100.000	314.0	175.4	39.7
314.0	1.307	132.8	22.7	157.4	100.000	313.9	175.3	39.7
315.0	1.249	133.6	22.6	157.2	100.000	314.0	175.3	39.7
316.0	1.193	134.0	22.3	157.1	100.000	314.0	175.4	39.7
317.0	1.137	134.3	22.1	156.9	100.000	314.1	175.5	39.7
318.0	1.083	134.2	21.9	156.8	100.000	314.2	175.6	39.6
319.0	1.030	133.6	21.6	156.6	100.000	314.3	175.7	39.6
320.0	0.979	132.7	21.2	156.5	100.000	314.4	175.9	39.6
321.0	0.939	132.0	21.0	156.3	100.000	314.6	176.1	39.6
322.0	0.900	131.5	20.7	156.2	100.000	314.7	176.2	39.5
323.0	0.862	131.4	20.5	156.1	100.000	314.9	176.4	39.5
324.0	0.825	131.5	20.3	155.9	100.000	315.1	176.5	39.5
325.0	0.788	131.3	20.1	155.8	100.000	315.3	176.7	39.5
326.0	0.752	131.0	19.8	155.7	100.000	315.5	176.8	39.4
327.0	0.717	130.7	19.6	155.6	100.000	315.7	177.0	39.4
328.0	0.683	130.2	19.3	155.4	100.000	316.0	177.3	39.4
329.0	0.650	129.1	19.0	155.3	100.000	316.2	177.5	39.3
330.0	0.618	127.3	18.6	155.2	100.000	316.5	177.9	39.3
331.0	0.593	126.0	18.3	155.1	100.000	316.7	178.2	39.2

332.0	0.568	126.2	18.1	155.0	100.000	316.9	178.3	39.2
333.0	0.544	127.4	18.0	154.9	100.000	317.1	178.4	39.2
334.0	0.520	128.0	17.8	154.8	100.000	317.4	178.6	39.2
335.0	0.497	128.1	17.6	154.7	100.000	317.6	178.8	39.1
336.0	0.474	128.7	17.4	154.6	100.000	317.8	179.0	39.1
337.0	0.452	129.6	17.3	154.5	100.000	318.0	179.2	39.1
338.0	0.431	129.9	17.0	154.4	100.000	318.2	179.4	39.0
339.0	0.410	129.8	16.8	154.3	100.000	318.4	179.6	39.0
340.0	0.389	130.4	16.6	154.2	100.000	318.5	179.9	39.0
341.0	0.410	131.5	16.9	154.1	100.000	318.7	179.6	39.0
342.0	0.431	132.2	17.2	154.0	100.000	318.9	179.3	39.1
343.0	0.452	132.0	17.4	153.9	100.000	319.1	179.2	39.1
344.0	0.474	132.0	17.6	153.8	100.000	319.3	179.0	39.1
345.0	0.497	132.5	17.9	153.7	100.000	319.5	178.8	39.2
346.0	0.520	133.3	18.2	153.5	100.000	319.7	178.6	39.2
347.0	0.544	133.3	18.4	153.4	100.000	319.9	178.4	39.2
348.0	0.568	133.1	18.6	153.3	100.000	320.0	178.3	39.3
349.0	0.593	133.1	18.8	153.2	100.000	320.2	178.2	39.3
350.0	0.618	133.6	19.0	153.1	100.000	320.3	178.1	39.3
351.0	0.650	133.7	19.3	152.9	100.000	320.5	177.9	39.4
352.0	0.683	133.5	19.5	152.8	100.000	320.6	177.8	39.4
353.0	0.717	132.8	19.7	152.7	100.000	320.7	177.8	39.4
354.0	0.752	132.1	19.9	152.6	100.000	320.8	177.7	39.4
355.0	0.788	132.4	20.1	152.4	100.000	320.8	177.6	39.4
356.0	0.825	133.8	20.5	152.3	100.000	320.9	177.4	39.5
357.0	0.862	135.5	20.8	152.1	100.000	320.9	177.3	39.5
358.0	0.900	137.5	21.2	152.0	100.000	320.9	177.1	39.5
359.0	0.939	139.8	21.6	151.8	100.000	320.8	176.9	39.5
0.0	0.979	142.0	21.9	151.7	100.000	320.7	176.8	39.6
1.0	1.030	141.3	22.1	151.5	100.000	320.6	176.8	39.6
2.0	1.083	139.2	22.2	151.4	100.000	320.5	176.9	39.5
3.0	1.137	137.4	22.4	151.3	100.000	320.4	177.0	39.5
4.0	1.193	138.2	22.7	151.1	100.000	320.2	176.9	39.5
5.0	1.249	139.2	23.0	150.9	100.000	320.0	176.9	39.5
6.0	1.307	140.1	23.3	150.8	100.000	319.8	176.8	39.5
7.0	1.367	140.5	23.5	150.6	100.000	319.6	176.9	39.5
8.0	1.427	141.2	23.8	150.4	100.000	319.5	176.9	39.5
9.0	1.490	141.6	24.1	150.3	100.000	319.3	176.9	39.5
10.0	1.553	140.9	24.3	150.1	100.000	319.2	177.1	39.5
11.0	1.634	139.9	24.5	150.0	100.000	319.1	177.2	39.5
12.0	1.717	138.9	24.7	149.8	100.000	319.0	177.3	39.4
13.0	1.803	139.0	24.9	149.7	100.000	319.0	177.4	39.4
14.0	1.890	140.2	25.3	149.5	100.000	319.0	177.5	39.4
15.0	1.980	141.8	25.7	149.3	100.000	319.1	177.5	39.4
16.0	2.071	143.4	26.1	149.1	100.000	319.3	177.6	39.4
17.0	2.165	145.2	26.5	148.9	100.000	319.5	177.6	39.4
18.0	2.261	147.5	26.9	148.7	100.000	319.8	177.7	39.4
19.0	2.359	149.4	27.3	148.5	100.000	320.2	177.8	39.4
20.0	2.459	150.4	27.7	148.3	100.000	320.5	177.9	39.4