

08-12-2013

Terrain Data: USGS 03 SEC

FMOver Analysis

WJTA BLED20100823ACO

WTPG

Channel = 205A
 Max ERP = 2 kW
 RCAMSL = 281 M
 N. Lat. 41 05 36.0
 W. Lng. 84 01 30.0
 Protected
 60 dBu

Channel = 205B1
 Max ERP = 12.3 kW
 RCAMSL = 282 M
 N. Lat. 41 25 39.0
 W. Lng. 83 36 30.0
 Interfering
 40 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)	IX (km)
320.0	001.0025	0057.6	013.9	239.0	000.5423	0074.9	051.1	38.66	
321.0	000.9619	0057.6	013.8	238.8	000.5403	0074.9	050.9	38.73	
322.0	000.9221	0057.7	013.6	238.7	000.5382	0074.8	050.6	38.80	
323.0	000.8831	0057.8	013.5	238.6	000.5359	0074.8	050.4	38.87	
324.0	000.8450	0057.8	013.4	238.5	000.5336	0074.8	050.1	38.93	
325.0	000.8077	0057.9	013.2	238.3	000.5310	0074.8	049.9	38.99	
326.0	000.7713	0057.9	013.1	238.2	000.5282	0074.8	049.6	39.05	
327.0	000.7357	0058.1	013.0	238.0	000.5256	0074.8	049.4	39.10	
328.0	000.7009	0058.2	012.8	237.9	000.5228	0074.8	049.2	39.16	
329.0	000.6670	0058.3	012.7	237.7	000.5197	0074.8	049.0	39.21	
330.0	000.6339	0058.5	012.6	237.6	000.5167	0074.8	048.7	39.25	
331.0	000.6083	0058.6	012.5	237.4	000.5141	0074.7	048.5	39.30	
332.0	000.5832	0058.7	012.3	237.3	000.5114	0074.7	048.3	39.35	
333.0	000.5586	0058.9	012.2	237.1	000.5086	0074.8	048.1	39.39	
334.0	000.5346	0059.0	012.1	236.9	000.5057	0074.7	047.9	39.43	
335.0	000.5111	0059.2	012.0	236.8	000.5026	0074.8	047.7	39.47	
336.0	000.4881	0059.4	011.9	236.6	000.4996	0074.8	047.5	39.51	
337.0	000.4656	0059.5	011.8	236.4	000.4962	0074.8	047.4	39.54	
338.0	000.4437	0059.6	011.6	236.2	000.4927	0074.7	047.2	39.57	
339.0	000.4223	0059.7	011.5	236.0	000.4891	0074.7	047.0	39.59	
340.0	000.4014	0059.8	011.4	235.8	000.4854	0074.7	046.9	39.62	
341.0	000.3851	0060.0	011.3	235.6	000.4823	0074.7	046.7	39.65	
342.0	000.3691	0060.0	011.2	235.4	000.4789	0074.7	046.5	39.67	
343.0	000.3535	0060.1	011.1	235.2	000.4754	0074.6	046.4	39.69	
344.0	000.3382	0060.2	011.0	235.0	000.4719	0074.6	046.2	39.71	
345.0	000.3232	0060.3	010.9	234.8	000.4683	0074.6	046.1	39.72	
346.0	000.3086	0060.4	010.7	234.6	000.4646	0074.6	046.0	39.74	
347.0	000.2943	0060.6	010.6	234.4	000.4609	0074.6	045.8	39.75	
348.0	000.2804	0060.7	010.5	234.2	000.4569	0074.6	045.7	39.75	
349.0	000.2667	0060.8	010.4	233.9	000.4531	0074.5	045.6	39.75	
350.0	000.2535	0060.9	010.3	233.7	000.4491	0074.5	045.5	39.75	
351.0	000.2432	0061.0	010.2	233.5	000.4455	0074.5	045.4	39.76	
352.0	000.2331	0061.1	010.1	233.3	000.4418	0074.5	045.3	39.76<--	
353.0	000.2232	0061.2	010.0	233.0	000.4381	0074.5	045.2	39.76	
354.0	000.2136	0061.2	009.9	232.8	000.4343	0074.5	045.1	39.75	
355.0	000.2042	0061.2	009.8	232.6	000.4303	0074.4	045.0	39.74	
356.0	000.1949	0061.2	009.6	232.3	000.4264	0074.4	044.9	39.72	
357.0	000.1859	0061.3	009.5	232.1	000.4225	0074.3	044.8	39.70	
358.0	000.1771	0061.4	009.4	231.9	000.4187	0074.3	044.7	39.69	
359.0	000.1685	0061.5	009.3	231.6	000.4147	0074.3	044.7	39.66	
000.0	000.1602	0061.3	009.2	231.4	000.4104	0074.2	044.6	39.63	
001.0	000.1537	0061.2	009.1	231.1	000.4066	0074.2	044.6	39.61	
002.0	000.1473	0061.0	009.0	230.9	000.4027	0074.3	044.5	39.59	
003.0	000.1411	0060.7	008.8	230.6	000.3987	0074.3	044.5	39.56	
004.0	000.1350	0060.4	008.7	230.4	000.3947	0074.3	044.5	39.52	
005.0	000.1290	0059.8	008.6	230.1	000.3904	0074.3	044.5	39.48	
006.0	000.1232	0059.4	008.4	229.8	000.3888	0074.2	044.5	39.46	
007.0	000.1175	0059.0	008.3	229.6	000.3888	0074.2	044.5	39.45	
008.0	000.1120	0059.4	008.2	229.4	000.3888	0074.2	044.4	39.46	
009.0	000.1065	0059.5	008.1	229.1	000.3888	0074.2	044.4	39.47	
010.0	000.1012	0059.4	008.0	228.9	000.3888	0074.2	044.4	39.46	
011.0	000.0972	0059.3	007.9	228.7	000.3888	0074.2	044.4	39.47	
012.0	000.0931	0059.4	007.8	228.5	000.3888	0074.2	044.4	39.47	
013.0	000.0892	0059.3	007.7	228.3	000.3888	0074.1	044.4	39.47	
014.0	000.0854	0059.2	007.6	228.0	000.3888	0074.1	044.4	39.47	
015.0	000.0816	0059.1	007.5	227.8	000.3888	0074.1	044.4	39.46	
016.0	000.0779	0059.0	007.4	227.6	000.3888	0074.1	044.4	39.45	
017.0	000.0743	0058.9	007.3	227.4	000.3888	0074.1	044.5	39.45	
018.0	000.0708	0058.7	007.2	227.2	000.3888	0074.0	044.5	39.43	

019.0	000.0674	0058.5	007.1	227.0	000.3888	0073.9	044.5	39.41
020.0	000.0641	0058.5	007.0	226.8	000.3888	0073.8	044.5	39.39
021.0	000.0640	0058.3	007.0	226.7	000.3888	0073.8	044.5	39.41
022.0	000.0639	0058.1	007.0	226.5	000.3888	0073.8	044.5	39.42
023.0	000.0639	0057.8	007.0	226.4	000.3888	0073.8	044.4	39.43
024.0	000.0638	0057.7	007.0	226.2	000.3888	0073.8	044.4	39.45
025.0	000.0637	0057.7	007.0	226.1	000.3888	0073.8	044.3	39.46
026.0	000.0637	0057.8	007.0	225.9	000.3888	0073.8	044.3	39.48
027.0	000.0636	0057.8	007.0	225.8	000.3888	0073.8	044.3	39.49
028.0	000.0635	0057.7	007.0	225.6	000.3888	0073.8	044.2	39.50
029.0	000.0634	0057.6	006.9	225.5	000.3888	0073.8	044.2	39.51
030.0	000.0634	0057.6	006.9	225.3	000.3888	0073.8	044.2	39.52
031.0	000.0634	0057.6	006.9	225.2	000.3888	0073.8	044.1	39.53
032.0	000.0634	0057.7	007.0	225.0	000.3888	0073.8	044.1	39.55
033.0	000.0634	0058.0	007.0	224.9	000.3888	0073.8	044.1	39.56
034.0	000.0634	0058.2	007.0	224.7	000.3888	0073.8	044.0	39.57
035.0	000.0634	0058.7	007.0	224.6	000.3888	0073.8	044.0	39.59
036.0	000.0634	0058.9	007.0	224.4	000.3888	0073.8	044.0	39.60
037.0	000.0634	0059.0	007.0	224.3	000.3888	0073.8	043.9	39.61
038.0	000.0634	0059.1	007.0	224.1	000.3888	0073.8	043.9	39.61
039.0	000.0634	0059.1	007.0	223.9	000.3888	0073.7	043.9	39.62
040.0	000.0634	0059.0	007.0	223.8	000.3888	0073.7	043.9	39.62
041.0	000.0634	0059.0	007.0	223.6	000.3888	0073.7	043.9	39.62
042.0	000.0634	0058.8	007.0	223.5	000.3888	0073.7	043.9	39.62
043.0	000.0634	0058.7	007.0	223.3	000.3888	0073.7	043.9	39.61
044.0	000.0634	0058.5	007.0	223.1	000.3888	0073.7	043.9	39.61
045.0	000.0634	0058.3	007.0	223.0	000.3888	0073.7	043.9	39.60
046.0	000.0634	0058.1	007.0	222.8	000.3888	0073.7	044.0	39.59
047.0	000.0634	0057.9	007.0	222.7	000.3888	0073.6	044.0	39.58
048.0	000.0634	0057.8	007.0	222.5	000.3888	0073.6	044.0	39.57
049.0	000.0634	0057.6	006.9	222.3	000.3888	0073.6	044.0	39.56
050.0	000.0634	0057.3	006.9	222.2	000.3888	0073.6	044.0	39.55
051.0	000.0635	0057.2	006.9	222.0	000.3888	0073.6	044.1	39.54
052.0	000.0637	0057.1	006.9	221.9	000.3888	0073.6	044.1	39.53
053.0	000.0638	0057.1	006.9	221.7	000.3888	0073.5	044.1	39.52
054.0	000.0639	0057.1	006.9	221.6	000.3888	0073.5	044.1	39.51
055.0	000.0641	0057.1	006.9	221.4	000.3888	0073.5	044.2	39.50
056.0	000.0642	0057.1	006.9	221.3	000.3888	0073.5	044.2	39.49
057.0	000.0644	0057.2	007.0	221.1	000.3888	0073.4	044.2	39.47
058.0	000.0645	0057.0	006.9	221.0	000.3888	0073.4	044.2	39.45
059.0	000.0647	0056.7	006.9	220.8	000.3888	0073.3	044.3	39.43
060.0	000.0648	0056.4	006.9	220.7	000.3888	0073.3	044.3	39.41
061.0	000.0660	0056.4	006.9	220.5	000.3888	0073.3	044.4	39.40
062.0	000.0673	0056.3	007.0	220.4	000.3888	0073.3	044.4	39.39
063.0	000.0685	0056.1	007.0	220.2	000.3888	0073.2	044.4	39.38
064.0	000.0698	0055.9	007.0	220.1	000.3888	0073.2	044.4	39.37
065.0	000.0711	0055.8	007.0	219.9	000.3904	0073.2	044.5	39.37
066.0	000.0724	0055.7	007.1	219.7	000.3927	0073.2	044.5	39.38
067.0	000.0737	0055.4	007.1	219.6	000.3950	0073.2	044.5	39.39
068.0	000.0750	0055.3	007.1	219.4	000.3973	0073.2	044.6	39.40
069.0	000.0763	0055.1	007.1	219.3	000.3996	0073.1	044.6	39.41
070.0	000.0776	0054.9	007.1	219.1	000.4019	0073.1	044.7	39.42
071.0	000.0818	0054.8	007.2	218.9	000.4048	0073.1	044.7	39.45
072.0	000.0860	0054.7	007.3	218.7	000.4078	0073.1	044.7	39.48
073.0	000.0904	0054.5	007.4	218.5	000.4108	0073.1	044.7	39.51
074.0	000.0949	0054.4	007.5	218.4	000.4138	0073.0	044.7	39.53
075.0	000.0995	0054.2	007.6	218.2	000.4168	0072.9	044.7	39.54
076.0	000.1042	0053.9	007.6	218.0	000.4198	0072.9	044.7	39.56
077.0	000.1090	0053.8	007.7	217.8	000.4229	0072.8	044.7	39.59
078.0	000.1139	0053.4	007.8	217.6	000.4257	0072.8	044.8	39.60
079.0	000.1189	0053.1	007.8	217.4	000.4287	0072.8	044.8	39.61
080.0	000.1240	0053.0	007.9	217.2	000.4318	0072.8	044.8	39.63
081.0	000.1303	0052.8	008.0	217.0	000.4351	0072.8	044.9	39.65
082.0	000.1367	0052.5	008.1	216.8	000.4382	0072.8	044.9	39.66
083.0	000.1432	0052.3	008.2	216.6	000.4415	0072.7	045.0	39.68
084.0	000.1499	0052.2	008.3	216.4	000.4449	0072.6	045.0	39.69
085.0	000.1568	0052.1	008.4	216.1	000.4484	0072.6	045.0	39.71
086.0	000.1638	0052.0	008.5	215.9	000.4517	0072.6	045.1	39.71
087.0	000.1710	0051.6	008.5	215.8	000.4546	0072.6	045.2	39.71
088.0	000.1783	0051.3	008.6	215.6	000.4576	0072.6	045.2	39.72<--
089.0	000.1858	0051.1	008.7	215.4	000.4607	0072.5	045.3	39.72
090.0	000.1934	0050.8	008.7	215.2	000.4636	0072.5	045.4	39.71
091.0	000.2033	0050.3	008.8	215.0	000.4665	0072.5	045.5	39.71
092.0	000.2133	0049.8	008.9	214.8	000.4693	0072.5	045.6	39.70
093.0	000.2236	0049.2	008.9	214.7	000.4719	0072.5	045.7	39.68

094.0	000.2342	0048.7	009.0	214.5	000.4746	0072.5	045.8	39.67
095.0	000.2450	0048.2	009.0	214.4	000.4771	0072.5	045.9	39.65
096.0	000.2560	0047.5	009.1	214.2	000.4793	0072.5	046.0	39.63
097.0	000.2673	0047.1	009.1	214.1	000.4818	0072.5	046.1	39.61
098.0	000.2789	0046.4	009.1	214.0	000.4838	0072.5	046.3	39.58
099.0	000.2906	0045.8	009.2	213.9	000.4857	0072.5	046.4	39.55
100.0	000.3026	0045.2	009.2	213.7	000.4875	0072.5	046.5	39.52
101.0	000.3181	0044.8	009.3	213.6	000.4902	0072.4	046.7	39.50
102.0	000.3339	0044.7	009.4	213.4	000.4936	0072.4	046.8	39.49
103.0	000.3501	0044.8	009.5	213.2	000.4970	0072.4	046.9	39.49
104.0	000.3667	0045.0	009.6	213.0	000.5008	0072.4	047.0	39.48
105.0	000.3837	0045.2	009.8	212.7	000.5046	0072.4	047.1	39.47
106.0	000.4010	0045.3	009.9	212.5	000.5081	0072.4	047.3	39.46
107.0	000.4188	0045.5	010.0	212.3	000.5115	0072.4	047.4	39.44
108.0	000.4369	0045.5	010.1	212.1	000.5147	0072.5	047.5	39.42
109.0	000.4554	0045.7	010.3	211.9	000.5180	0072.5	047.7	39.40
110.0	000.4743	0045.9	010.4	211.8	000.5213	0072.5	047.8	39.38
111.0	000.4986	0046.0	010.5	211.5	000.5249	0072.5	048.0	39.36
112.0	000.5235	0046.1	010.7	211.3	000.5283	0072.5	048.1	39.33
113.0	000.5489	0046.1	010.8	211.2	000.5315	0072.5	048.3	39.30
114.0	000.5750	0046.0	010.9	211.0	000.5343	0072.5	048.5	39.27
115.0	000.6017	0045.9	011.0	210.9	000.5369	0072.5	048.7	39.23
116.0	000.6290	0046.0	011.1	210.7	000.5400	0072.5	048.8	39.19
117.0	000.6569	0046.1	011.3	210.5	000.5428	0072.5	049.0	39.15
118.0	000.6854	0046.2	011.4	210.4	000.5455	0072.5	049.2	39.11
119.0	000.7145	0046.2	011.5	210.2	000.5481	0072.5	049.4	39.06
120.0	000.7442	0046.4	011.7	210.1	000.5510	0072.5	049.6	39.02
121.0	000.7823	0046.7	011.8	209.9	000.5558	0072.5	049.8	38.99
122.0	000.8212	0046.9	012.0	209.7	000.5608	0072.5	050.0	38.95
123.0	000.8612	0047.0	012.1	209.5	000.5654	0072.5	050.3	38.91
124.0	000.9021	0047.1	012.3	209.4	000.5697	0072.5	050.5	38.87
125.0	000.9439	0047.2	012.4	209.2	000.5738	0072.5	050.7	38.82
126.0	000.9867	0047.3	012.6	209.1	000.5775	0072.5	050.9	38.77
127.0	001.0305	0047.3	012.7	209.0	000.5808	0072.5	051.2	38.72
128.0	001.0752	0047.4	012.8	208.9	000.5842	0072.5	051.4	38.66
129.0	001.1208	0047.6	013.0	208.8	000.5875	0072.5	051.7	38.60
130.0	001.1674	0047.8	013.1	208.6	000.5909	0072.5	051.9	38.54