

05-24-2012

Terrain Data: FCC NGDC 30 Sec

FMOver Analysis

WTZY

WGSL BLED20010727AAW

Channel = 217A
 Max ERP = 4 kW
 RCAMSL = 340.98 M
 N. Lat. 42 27 53.0
 W. Lng. 88 25 29.0
 Protected
 60 dBu

Channel = 216B1
 Max ERP = 7 kW
 RCAMSL = 408 M
 N. Lat. 42 19 20.0
 W. Lng. 89 00 41.0
 Interfering
 54 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)	IX (km)
180.0	000.5549	0073.1	013.4	086.9	003.8755	0143.1	048.4	52.86	
181.0	000.5323	0073.4	013.3	086.8	003.8696	0143.1	048.2	52.94	
182.0	000.5102	0073.8	013.2	086.7	003.8637	0143.0	048.0	53.01	
183.0	000.4885	0074.2	013.1	086.5	003.8575	0142.9	047.7	53.09	
184.0	000.4673	0074.8	013.0	086.4	003.8519	0142.8	047.5	53.16	
185.0	000.4466	0075.3	012.9	086.2	003.8455	0142.8	047.3	53.24	
186.0	000.4264	0075.7	012.8	086.0	003.8384	0142.7	047.1	53.30	
187.0	000.4066	0075.9	012.7	085.8	003.8302	0142.6	046.9	53.37	
188.0	000.3873	0075.8	012.5	085.6	003.8208	0142.5	046.7	53.43	
189.0	000.3685	0075.7	012.4	085.3	003.8109	0142.4	046.6	53.48	
190.0	000.3501	0075.5	012.2	085.1	003.8004	0142.3	046.4	53.53	
191.0	000.3358	0075.2	012.1	084.8	003.7909	0142.2	046.2	53.59	
192.0	000.3219	0074.9	011.9	084.6	003.7812	0142.1	046.1	53.63	
193.0	000.3082	0074.7	011.8	084.4	003.7716	0141.9	045.9	53.68	
194.0	000.2949	0074.7	011.7	084.1	003.7624	0141.7	045.7	53.72	
195.0	000.2818	0074.8	011.5	083.9	003.7531	0141.6	045.6	53.76	
196.0	000.2690	0074.8	011.4	083.7	003.7436	0141.4	045.5	53.80	
197.0	000.2566	0074.6	011.3	083.4	003.7331	0141.2	045.3	53.83	
198.0	000.2444	0074.0	011.1	083.1	003.7214	0141.0	045.2	53.85	
199.0	000.2325	0073.4	010.9	082.8	003.7091	0140.8	045.1	53.87	
200.0	000.2209	0072.6	010.7	082.5	003.6964	0140.6	045.0	53.88	
201.0	000.2172	0071.5	010.6	082.2	003.6869	0140.4	044.9	53.90	
202.0	000.2134	0070.3	010.5	082.0	003.6764	0140.2	044.8	53.92	
203.0	000.2098	0068.7	010.3	081.7	003.6652	0140.0	044.7	53.93	
204.0	000.2061	0066.9	010.2	081.4	003.6531	0139.7	044.7	53.93	
205.0	000.2025	0065.0	010.0	081.1	003.6407	0139.3	044.6	53.92	
206.0	000.1989	0063.1	009.8	080.8	003.6286	0139.0	044.6	53.90	
207.0	000.1954	0061.5	009.7	080.5	003.6170	0138.7	044.5	53.89	
208.0	000.1918	0060.2	009.5	080.2	003.6063	0138.4	044.5	53.89	
209.0	000.1884	0059.2	009.4	079.9	003.5981	0138.1	044.4	53.89	
210.0	000.1849	0058.2	009.3	079.7	003.5955	0137.9	044.4	53.89	
211.0	000.1788	0057.2	009.1	079.4	003.5925	0137.6	044.4	53.88	
212.0	000.1727	0056.1	009.0	079.1	003.5895	0137.4	044.4	53.86	
213.0	000.1668	0055.3	008.8	078.8	003.5867	0137.1	044.3	53.85	
214.0	000.1610	0054.8	008.7	078.5	003.5841	0136.8	044.3	53.84	
215.0	000.1552	0054.5	008.6	078.3	003.5816	0136.6	044.3	53.83	
216.0	000.1496	0054.3	008.5	078.1	003.5793	0136.4	044.3	53.83	
217.0	000.1441	0054.2	008.4	077.9	003.5771	0136.1	044.2	53.83	
218.0	000.1387	0054.4	008.3	077.6	003.5751	0136.0	044.2	53.83	
219.0	000.1334	0054.8	008.2	077.5	003.5731	0135.8	044.2	53.84	
220.0	000.1282	0055.4	008.2	077.3	003.5713	0135.7	044.1	53.86	
221.0	000.1282	0056.0	008.3	077.2	003.5702	0135.6	044.0	53.90	
222.0	000.1282	0056.3	008.3	077.0	003.5689	0135.5	043.9	53.94	
223.0	000.1282	0055.8	008.2	076.8	003.5671	0135.3	043.8	53.95	
224.0	000.1282	0054.8	008.2	076.6	003.5649	0135.2	043.8	53.95<--	
225.0	000.1282	0053.8	008.1	076.4	003.5627	0135.0	043.8	53.93	
226.0	000.1282	0052.9	008.0	076.2	003.5606	0134.9	043.8	53.92	
227.0	000.1282	0052.3	007.9	076.0	003.5587	0134.7	043.8	53.93	
228.0	000.1282	0051.8	007.9	075.8	003.5568	0134.6	043.8	53.93	
229.0	000.1282	0051.0	007.8	075.6	003.5548	0134.4	043.7	53.92	
230.0	000.1282	0049.9	007.7	075.4	003.5527	0134.3	043.8	53.90	
231.0	000.1280	0048.7	007.6	075.2	003.5505	0134.1	043.8	53.87	
232.0	000.1279	0047.6	007.5	075.0	003.5483	0134.0	043.9	53.84	
233.0	000.1277	0047.0	007.5	074.8	003.5465	0133.9	043.9	53.84	

234.0	000.1276	0046.8	007.4		074.6	003.5448	0133.8	043.8	53.84
235.0	000.1274	0047.1	007.5		074.5	003.5433	0133.8	043.8	53.86
236.0	000.1273	0047.5	007.5		074.3	003.5419	0133.7	043.7	53.89
237.0	000.1272	0047.9	007.5		074.2	003.5404	0133.6	043.6	53.91
238.0	000.1270	0048.1	007.5		074.0	003.5388	0133.6	043.6	53.93
239.0	000.1269	0048.2	007.5		073.8	003.5371	0133.5	043.5	53.94
240.0	000.1267	0048.2	007.5		073.7	003.5354	0133.4	043.5	53.95
241.0	000.1267	0048.2	007.5		073.5	003.5338	0133.3	043.5	53.96
242.0	000.1267	0048.2	007.6		073.3	003.5321	0133.3	043.4	53.97
243.0	000.1267	0048.3	007.6		073.2	003.5304	0133.2	043.4	53.97
244.0	000.1267	0048.3	007.6		073.0	003.5287	0133.1	043.4	53.98
245.0	000.1267	0048.4	007.6		072.8	003.5270	0133.1	043.3	53.98
246.0	000.1267	0048.3	007.6		072.7	003.5253	0133.0	043.3	53.99<--
247.0	000.1267	0048.2	007.5		072.5	003.5235	0133.0	043.3	53.98
248.0	000.1267	0048.0	007.5		072.3	003.5218	0132.9	043.3	53.98
249.0	000.1267	0047.7	007.5		072.1	003.5200	0132.9	043.4	53.96
250.0	000.1267	0047.2	007.5		071.9	003.5183	0132.9	043.4	53.94
251.0	000.1328	0046.5	007.5		071.8	003.5166	0132.9	043.4	53.96
252.0	000.1390	0045.7	007.5		071.6	003.5148	0132.8	043.3	53.96
253.0	000.1453	0044.4	007.5		071.4	003.5131	0132.8	043.4	53.94
254.0	000.1518	0043.2	007.4		071.3	003.5114	0132.8	043.4	53.92
255.0	000.1584	0042.1	007.4		071.1	003.5097	0132.8	043.4	53.91
256.0	000.1652	0041.1	007.4		070.9	003.5081	0132.7	043.4	53.90
257.0	000.1721	0040.9	007.5		070.7	003.5063	0132.7	043.4	53.91
258.0	000.1791	0040.7	007.5		070.6	003.5045	0132.7	043.4	53.93
259.0	000.1863	0040.3	007.6		070.4	003.5027	0132.6	043.3	53.93
260.0	000.1936	0040.0	007.6		070.2	003.5009	0132.6	043.3	53.94
261.0	000.1962	0039.5	007.6		070.0	003.4993	0132.6	043.4	53.92
262.0	000.1989	0038.8	007.5		069.9	003.5034	0132.6	043.4	53.89
263.0	000.2016	0038.3	007.5		069.7	003.5091	0132.6	043.5	53.88
264.0	000.2043	0038.3	007.5		069.5	003.5152	0132.6	043.5	53.88
265.0	000.2070	0038.6	007.6		069.3	003.5218	0132.6	043.5	53.90
266.0	000.2098	0038.8	007.7		069.2	003.5283	0132.6	043.5	53.91
267.0	000.2125	0038.9	007.7		069.0	003.5347	0132.6	043.5	53.92
268.0	000.2153	0039.0	007.7		068.8	003.5411	0132.6	043.5	53.93
269.0	000.2181	0038.9	007.7		068.6	003.5472	0132.7	043.5	53.92
270.0	000.2209	0038.8	007.8		068.4	003.5534	0132.7	043.5	53.92
271.0	000.2312	0038.7	007.8		068.2	003.5607	0132.7	043.5	53.94
272.0	000.2417	0038.3	007.9		068.0	003.5673	0132.8	043.5	53.95
273.0	000.2524	0037.6	007.9		067.9	003.5734	0132.8	043.5	53.94
274.0	000.2634	0036.9	007.9		067.7	003.5794	0132.8	043.6	53.93
275.0	000.2746	0036.3	007.9		067.5	003.5854	0132.9	043.6	53.92
276.0	000.2860	0035.8	008.0		067.3	003.5919	0133.0	043.7	53.92
277.0	000.2977	0035.8	008.1		067.1	003.5993	0133.0	043.7	53.93
278.0	000.3096	0035.9	008.2		066.9	003.6073	0133.1	043.7	53.95
279.0	000.3217	0035.8	008.2		066.7	003.6148	0133.2	043.7	53.96<--
280.0	000.3341	0035.6	008.3		066.5	003.6220	0133.2	043.7	53.96
281.0	000.3516	0035.1	008.3		066.3	003.6289	0133.3	043.7	53.95
282.0	000.3696	0034.6	008.4		066.1	003.6361	0133.3	043.8	53.95
283.0	000.3880	0033.9	008.4		065.9	003.6422	0133.4	043.8	53.93
284.0	000.4069	0032.9	008.4		065.8	003.6471	0133.4	043.9	53.89
285.0	000.4262	0032.0	008.4		065.6	003.6520	0133.4	044.0	53.86
286.0	000.4459	0031.0	008.4		065.5	003.6567	0133.4	044.1	53.82
287.0	000.4662	0030.5	008.4		065.3	003.6626	0133.4	044.2	53.79
288.0	000.4868	0030.5	008.5		065.1	003.6707	0133.4	044.2	53.79
289.0	000.5079	0031.2	008.7		064.8	003.6819	0133.4	044.2	53.82
290.0	000.5295	0032.3	008.9		064.4	003.6946	0133.3	044.1	53.86
291.0	000.5445	0033.4	009.1		064.1	003.7069	0133.3	044.1	53.89
292.0	000.5597	0034.4	009.3		063.7	003.7188	0133.2	044.1	53.91
293.0	000.5751	0035.5	009.5		063.4	003.7309	0133.1	044.1	53.92
294.0	000.5907	0036.6	009.8		063.1	003.7437	0133.0	044.1	53.93
295.0	000.6066	0037.8	010.0		062.7	003.7569	0132.8	044.1	53.94
296.0	000.6226	0039.2	010.2		062.3	003.7713	0132.6	044.1	53.95
297.0	000.6389	0040.5	010.5		061.9	003.7852	0132.3	044.1	53.95<--
298.0	000.6553	0041.5	010.7		061.6	003.7978	0132.2	044.1	53.93
299.0	000.6720	0042.1	010.8		061.3	003.8081	0132.0	044.2	53.91
300.0	000.6889	0042.3	010.9		061.0	003.8163	0131.9	044.3	53.86
301.0	000.7250	0042.4	011.1		060.7	003.8271	0131.8	044.4	53.83
302.0	000.7621	0042.8	011.2		060.4	003.8391	0131.7	044.5	53.80
303.0	000.8001	0043.2	011.4		060.1	003.8513	0131.6	044.5	53.78
304.0	000.8390	0043.3	011.6		059.8	003.8720	0131.5	044.7	53.75

305.0	000.8788	0043.1	011.7		059.6	003.8920	0131.4	044.8	53.71
306.0	000.9196	0042.9	011.8		059.3	003.9130	0131.4	044.9	53.67
307.0	000.9613	0043.2	011.9		059.0	003.9397	0131.3	045.1	53.65
308.0	001.0039	0043.8	012.1		058.7	003.9699	0131.3	045.2	53.63
309.0	001.0474	0044.3	012.3		058.4	004.0000	0131.3	045.3	53.60
310.0	001.0918	0044.9	012.5		058.0	004.0302	0131.3	045.5	53.58
311.0	001.1449	0045.6	012.8		057.7	004.0645	0131.3	045.6	53.56
312.0	001.1993	0046.4	013.0		057.3	004.1000	0131.3	045.7	53.54
313.0	001.2549	0047.2	013.3		056.9	004.1362	0131.3	045.9	53.52
314.0	001.3118	0048.1	013.6		056.5	004.1724	0131.4	046.1	53.49
315.0	001.3700	0048.9	013.8		056.1	004.2081	0131.5	046.2	53.46
316.0	001.4294	0049.6	014.1		055.8	004.2419	0131.6	046.4	53.42
317.0	001.4900	0050.2	014.3		055.4	004.2734	0131.6	046.6	53.38
318.0	001.5520	0050.6	014.5		055.1	004.3004	0131.7	046.9	53.32
319.0	001.6152	0050.9	014.7		054.9	004.3271	0131.8	047.1	53.26
320.0	001.6796	0051.5	014.9		054.5	004.3574	0131.9	047.3	53.21
321.0	001.7429	0052.4	015.2		054.2	004.3928	0132.1	047.6	53.15
322.0	001.8074	0053.3	015.5		053.8	004.4271	0132.2	047.8	53.09
323.0	001.8731	0053.9	015.8		053.5	004.4577	0132.3	048.1	53.02
324.0	001.9399	0054.0	015.9		053.3	004.4776	0132.3	048.4	52.94
325.0	002.0079	0053.7	016.0		053.2	004.4880	0132.4	048.6	52.84
326.0	002.0771	0053.3	016.1		053.1	004.4965	0132.4	048.9	52.74
327.0	002.1474	0053.3	016.3		052.9	004.5127	0132.5	049.2	52.65
328.0	002.2189	0053.8	016.5		052.7	004.5379	0132.6	049.5	52.56
329.0	002.2916	0054.8	016.9		052.3	004.5707	0132.7	049.8	52.47
330.0	002.3654	0055.9	017.2		052.0	004.6040	0132.9	050.2	52.38
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