

08-12-2013

Terrain Data: USGS 03 SEC

FMOver Analysis

WHEI BLED19960621KA

WTPG

Channel = 205A  
 Max ERP = 0.1 kw  
 RCAMSL = 256 M  
 N. Lat. 41 06 59.0  
 W. Lng. 83 10 03.0  
 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)
250.0	000.1000	0015.4	005.6	139.0	000.4232	0077.5	048.3	38.80	
251.0	000.1000	0015.6	005.6	139.0	000.4230	0077.5	048.2	38.84	
252.0	000.1000	0015.8	005.6	139.0	000.4228	0077.5	048.1	38.87	
253.0	000.1000	0016.0	005.6	138.9	000.4227	0077.5	048.0	38.89	
254.0	000.1000	0016.3	005.6	138.9	000.4225	0077.5	047.9	38.92	
255.0	000.1000	0016.7	005.6	138.8	000.4223	0077.5	047.8	38.95	
256.0	000.1000	0017.0	005.6	138.8	000.4221	0077.5	047.7	38.98	
257.0	000.1000	0017.3	005.6	138.7	000.4219	0077.5	047.6	39.01	
258.0	000.1000	0017.6	005.6	138.6	000.4216	0077.5	047.6	39.04	
259.0	000.1000	0017.9	005.6	138.6	000.4214	0077.5	047.5	39.06	
260.0	000.1000	0018.2	005.6	138.5	000.4212	0077.5	047.4	39.09	
261.0	000.1000	0018.4	005.6	138.5	000.4209	0077.5	047.3	39.12	
262.0	000.1000	0018.6	005.6	138.4	000.4207	0077.5	047.2	39.15	
263.0	000.1000	0018.9	005.6	138.3	000.4204	0077.5	047.1	39.17	
264.0	000.1000	0019.1	005.6	138.3	000.4202	0077.6	047.1	39.20	
265.0	000.1000	0019.5	005.6	138.2	000.4199	0077.5	047.0	39.22	
266.0	000.1000	0019.6	005.6	138.1	000.4196	0077.5	046.9	39.25	
267.0	000.1000	0019.8	005.6	138.0	000.4193	0077.6	046.8	39.27	
268.0	000.1000	0020.0	005.6	138.0	000.4190	0077.6	046.7	39.30	
269.0	000.1000	0020.2	005.6	137.9	000.4187	0077.6	046.7	39.32	
270.0	000.1000	0020.4	005.6	137.8	000.4184	0077.6	046.6	39.34	
271.0	000.1000	0020.5	005.6	137.7	000.4181	0077.6	046.5	39.37	
272.0	000.1000	0020.7	005.6	137.6	000.4178	0077.6	046.4	39.39	
273.0	000.1000	0021.0	005.6	137.6	000.4174	0077.6	046.4	39.41	
274.0	000.1000	0021.3	005.6	137.5	000.4171	0077.6	046.3	39.43	
275.0	000.1000	0021.6	005.6	137.4	000.4168	0077.6	046.2	39.46	
276.0	000.1000	0022.0	005.6	137.3	000.4164	0077.6	046.2	39.48	
277.0	000.1000	0022.3	005.6	137.2	000.4161	0077.6	046.1	39.49	
278.0	000.1000	0022.7	005.6	137.1	000.4157	0077.6	046.0	39.51	
279.0	000.1000	0023.1	005.6	137.0	000.4153	0077.6	046.0	39.53	
280.0	000.1000	0023.5	005.6	136.9	000.4150	0077.6	045.9	39.55	
281.0	000.1000	0023.6	005.6	136.8	000.4146	0077.6	045.9	39.57	
282.0	000.1000	0023.8	005.6	136.7	000.4142	0077.6	045.8	39.59	
283.0	000.1000	0024.1	005.6	136.6	000.4138	0077.6	045.8	39.60	
284.0	000.1000	0024.2	005.6	136.5	000.4134	0077.6	045.7	39.62	
285.0	000.1000	0024.4	005.6	136.4	000.4130	0077.7	045.6	39.63	
286.0	000.1000	0024.7	005.6	136.3	000.4126	0077.7	045.6	39.65	
287.0	000.1000	0024.8	005.6	136.2	000.4122	0077.7	045.5	39.66	
288.0	000.1000	0025.1	005.6	136.1	000.4118	0077.7	045.5	39.68	
289.0	000.1000	0025.2	005.6	136.0	000.4114	0077.7	045.5	39.69	
290.0	000.1000	0025.4	005.6	135.9	000.4109	0077.7	045.4	39.70	
291.0	000.1000	0025.6	005.6	135.8	000.4105	0077.7	045.4	39.71	
292.0	000.1000	0025.8	005.6	135.6	000.4101	0077.7	045.3	39.72	
293.0	000.1000	0026.0	005.6	135.5	000.4096	0077.7	045.3	39.73	
294.0	000.1000	0026.4	005.6	135.4	000.4092	0077.6	045.2	39.74	
295.0	000.1000	0026.8	005.6	135.3	000.4087	0077.6	045.2	39.75	
296.0	000.1000	0027.1	005.6	135.2	000.4083	0077.6	045.2	39.75	
297.0	000.1000	0027.3	005.6	135.1	000.4078	0077.6	045.1	39.76	
298.0	000.1000	0027.7	005.6	134.9	000.4074	0077.6	045.1	39.77	
299.0	000.1000	0027.9	005.6	134.8	000.4069	0077.6	045.1	39.77	
300.0	000.1000	0028.2	005.6	134.7	000.4065	0077.6	045.1	39.77	
301.0	000.1000	0028.6	005.6	134.6	000.4060	0077.6	045.0	39.78	
302.0	000.1000	0028.7	005.6	134.5	000.4056	0077.6	045.0	39.78	
303.0	000.1000	0029.0	005.6	134.3	000.4051	0077.6	045.0	39.79	
304.0	000.1000	0029.2	005.6	134.2	000.4046	0077.6	045.0	39.79	
305.0	000.1000	0029.4	005.6	134.1	000.4042	0077.7	045.0	39.79	
306.0	000.1000	0029.7	005.6	134.0	000.4037	0077.7	044.9	39.79	
307.0	000.1000	0029.8	005.6	133.8	000.4032	0077.7	044.9	39.79	
308.0	000.1000	0030.0	005.6	133.7	000.4027	0077.7	044.9	39.79	

309.0	000.1000	0030.2	005.7	133.6	000.4023	0077.7	044.9	39.80
310.0	000.1000	0030.3	005.7	133.5	000.4018	0077.7	044.9	39.80
311.0	000.1000	0030.4	005.7	133.3	000.4013	0077.7	044.9	39.80
312.0	000.1000	0030.6	005.7	133.2	000.4008	0077.7	044.8	39.81
313.0	000.1000	0030.9	005.7	133.1	000.4004	0077.7	044.8	39.81
314.0	000.1000	0031.2	005.7	133.0	000.3999	0077.7	044.8	39.81
315.0	000.1000	0031.5	005.8	132.8	000.3994	0077.7	044.8	39.81
316.0	000.1000	0031.8	005.8	132.7	000.3989	0077.7	044.7	39.82<--
317.0	000.1000	0032.0	005.8	132.6	000.3984	0077.7	044.7	39.82
318.0	000.1000	0032.2	005.8	132.4	000.3979	0077.7	044.7	39.81
319.0	000.1000	0032.4	005.8	132.3	000.3974	0077.7	044.7	39.81
320.0	000.1000	0032.5	005.8	132.2	000.3969	0077.7	044.7	39.80
321.0	000.1000	0032.7	005.9	132.0	000.3964	0077.6	044.7	39.79
322.0	000.1000	0033.0	005.9	131.9	000.3959	0077.6	044.7	39.78
323.0	000.1000	0033.3	005.9	131.8	000.3954	0077.6	044.7	39.78
324.0	000.1000	0033.5	005.9	131.6	000.3949	0077.6	044.7	39.77
325.0	000.1000	0033.7	005.9	131.5	000.3944	0077.6	044.7	39.76
326.0	000.1000	0034.0	006.0	131.4	000.3939	0077.6	044.7	39.75
327.0	000.1000	0034.2	006.0	131.2	000.3934	0077.6	044.7	39.75
328.0	000.1000	0034.5	006.0	131.1	000.3929	0077.6	044.8	39.74
329.0	000.1000	0034.7	006.0	131.0	000.3924	0077.6	044.8	39.73
330.0	000.1000	0034.8	006.0	130.8	000.3919	0077.6	044.8	39.71
331.0	000.1000	0035.1	006.0	130.7	000.3914	0077.6	044.8	39.70
332.0	000.1000	0035.4	006.1	130.6	000.3909	0077.5	044.8	39.69
333.0	000.1000	0035.6	006.1	130.4	000.3904	0077.5	044.8	39.67
334.0	000.1000	0036.0	006.1	130.3	000.3898	0077.5	044.9	39.66
335.0	000.1000	0036.4	006.2	130.1	000.3893	0077.5	044.9	39.65
336.0	000.1000	0036.8	006.2	130.0	000.3888	0077.5	044.9	39.64
337.0	000.1000	0037.2	006.2	129.9	000.3911	0077.4	044.9	39.65
338.0	000.1000	0037.6	006.3	129.7	000.3933	0077.4	044.9	39.66
339.0	000.1000	0038.1	006.3	129.6	000.3956	0077.3	044.9	39.68
340.0	000.1000	0038.3	006.3	129.4	000.3978	0077.3	045.0	39.68
341.0	000.1000	0038.6	006.3	129.3	000.3999	0077.3	045.0	39.69
342.0	000.1000	0038.8	006.3	129.2	000.4019	0077.3	045.1	39.70
343.0	000.1000	0038.9	006.4	129.0	000.4039	0077.3	045.1	39.70
344.0	000.1000	0039.2	006.4	128.9	000.4061	0077.3	045.2	39.71
345.0	000.1000	0039.4	006.4	128.8	000.4081	0077.3	045.2	39.71
346.0	000.1000	0039.6	006.4	128.7	000.4102	0077.3	045.3	39.71
347.0	000.1000	0040.0	006.5	128.5	000.4124	0077.2	045.3	39.71
348.0	000.1000	0040.5	006.5	128.4	000.4146	0077.2	045.3	39.72
349.0	000.1000	0040.9	006.5	128.2	000.4168	0077.2	045.4	39.72
350.0	000.1000	0041.2	006.5	128.1	000.4190	0077.2	045.4	39.72
351.0	000.1000	0041.8	006.6	128.0	000.4214	0077.2	045.5	39.73
352.0	000.1000	0042.0	006.6	127.8	000.4234	0077.2	045.6	39.73
353.0	000.1000	0042.3	006.6	127.7	000.4254	0077.2	045.6	39.73
354.0	000.1000	0042.5	006.7	127.6	000.4274	0077.2	045.7	39.72
355.0	000.1000	0043.0	006.7	127.5	000.4297	0077.1	045.7	39.72
356.0	000.1000	0043.5	006.7	127.3	000.4319	0077.1	045.8	39.72
357.0	000.1000	0044.0	006.8	127.2	000.4341	0077.0	045.9	39.71
358.0	000.1000	0044.4	006.8	127.1	000.4363	0077.0	045.9	39.70
359.0	000.1000	0044.5	006.8	127.0	000.4379	0077.0	046.0	39.69
000.0	000.1000	0044.6	006.8	126.9	000.4396	0076.9	046.1	39.67
001.0	000.1000	0045.0	006.9	126.7	000.4416	0076.9	046.2	39.66
002.0	000.1000	0046.2	006.9	126.6	000.4445	0076.9	046.2	39.67
003.0	000.1000	0047.7	007.1	126.4	000.4481	0076.9	046.3	39.70
004.0	000.1000	0048.8	007.2	126.2	000.4510	0076.9	046.3	39.70
005.0	000.1000	0049.7	007.2	126.0	000.4536	0076.9	046.4	39.70
006.0	000.1000	0050.0	007.3	125.9	000.4555	0077.0	046.5	39.69
007.0	000.1000	0050.2	007.3	125.8	000.4571	0077.0	046.6	39.67
008.0	000.1000	0050.2	007.3	125.8	000.4583	0077.0	046.7	39.65
009.0	000.1000	0049.9	007.2	125.7	000.4591	0077.0	046.8	39.61
010.0	000.1000	0049.5	007.2	125.7	000.4597	0077.0	046.9	39.57
011.0	000.1000	0049.2	007.2	125.6	000.4603	0077.0	047.1	39.54
012.0	000.1000	0048.6	007.1	125.6	000.4606	0077.0	047.2	39.49
013.0	000.1000	0047.9	007.1	125.6	000.4605	0077.0	047.3	39.44
014.0	000.1000	0047.3	007.0	125.6	000.4605	0077.0	047.5	39.40
015.0	000.1000	0046.9	007.0	125.6	000.4608	0077.0	047.6	39.36
016.0	000.1000	0046.5	007.0	125.6	000.4610	0077.0	047.7	39.32
017.0	000.1000	0045.9	006.9	125.6	000.4610	0077.0	047.9	39.27
018.0	000.1000	0045.1	006.9	125.6	000.4606	0077.0	048.0	39.22
019.0	000.1000	0043.9	006.8	125.7	000.4595	0077.0	048.1	39.16
020.0	000.1000	0043.3	006.7	125.7	000.4592	0077.0	048.3	39.12
021.0	000.1000	0042.5	006.6	125.7	000.4585	0077.0	048.4	39.06
022.0	000.1000	0041.8	006.6	125.8	000.4580	0077.0	048.5	39.02
023.0	000.1000	0041.3	006.6	125.8	000.4578	0077.0	048.6	38.97

024.0	000.1000	0040.9	006.5		125.8	000.4575	0077.0	048.8	38.93
025.0	000.1000	0040.3	006.5		125.8	000.4571	0077.0	048.9	38.88
026.0	000.1000	0039.7	006.4		125.9	000.4565	0077.0	049.0	38.84
027.0	000.1000	0039.0	006.4		125.9	000.4559	0077.0	049.1	38.79
028.0	000.1000	0038.4	006.3		125.9	000.4553	0077.0	049.2	38.74
029.0	000.1000	0037.7	006.3		126.0	000.4545	0076.9	049.3	38.69
030.0	000.1000	0037.2	006.2		126.0	000.4539	0076.9	049.5	38.65
-----					-----				