

08-08-2013

Terrain Data: USGS 03 SEC

FMOver Analysis

WYTJ

WGNJ BLED20051006AAX

Channel = 207A
 Max ERP = 1.38 kw
 RCAMSL = 252.7 M
 N. Lat. 39 05 59.0
 W. Lng. 87 10 59.0
 Protected
 60 dBu

Channel = 207B
 Max ERP = 50 kw
 RCAMSL = 343 M
 N. Lat. 40 05 16.0
 W. Lng. 87 53 42.0
 Interfering
 40 dBu

Azimuth (degrees)	ERP (kw)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kw)	HAAT (m)	Dist (km)	Actual (dBu)	IX (km)
280.0	001.3800	0093.5	019.5	158.4	014.4928	0136.1	114.4	38.64	
281.0	001.3800	0093.7	019.5	158.3	014.4886	0136.1	114.1	38.69	
282.0	001.3800	0094.0	019.5	158.2	014.4842	0136.1	113.8	38.75	
283.0	001.3800	0094.1	019.5	158.1	014.4794	0136.1	113.5	38.80	
284.0	001.3800	0094.0	019.5	158.0	014.4736	0136.0	113.2	38.85	
285.0	001.3800	0093.5	019.5	157.9	014.4671	0136.0	113.0	38.90	
286.0	001.3800	0092.9	019.4	157.8	014.4600	0136.0	112.8	38.94	
287.0	001.3800	0092.4	019.4	157.6	014.4530	0135.9	112.5	38.98	
288.0	001.3800	0092.5	019.4	157.5	014.4473	0135.9	112.3	39.03	
289.0	001.3800	0092.7	019.4	157.4	014.4418	0135.9	112.0	39.08	
290.0	001.3800	0092.6	019.4	157.3	014.4354	0135.8	111.7	39.12	
291.0	001.3800	0092.3	019.3	157.2	014.4282	0135.7	111.5	39.16	
292.0	001.3800	0091.7	019.3	157.0	014.4204	0135.7	111.3	39.19	
293.0	001.3800	0090.8	019.2	156.9	014.4118	0135.6	111.2	39.22	
294.0	001.3800	0089.7	019.1	156.7	014.4028	0135.5	111.0	39.25	
295.0	001.3800	0088.7	018.9	156.5	014.3938	0135.5	110.9	39.27	
296.0	001.3800	0087.9	018.8	156.4	014.3851	0135.4	110.7	39.29	
297.0	001.3800	0087.6	018.8	156.2	014.3775	0135.3	110.5	39.32	
298.0	001.3800	0087.5	018.8	156.1	014.3702	0135.2	110.3	39.36	
299.0	001.3800	0087.4	018.8	156.0	014.3628	0135.2	110.2	39.39	
300.0	001.3800	0087.5	018.8	155.8	014.3557	0135.1	109.9	39.43	
301.0	001.3800	0087.5	018.8	155.7	014.3483	0135.0	109.8	39.47	
302.0	001.3800	0087.3	018.8	155.5	014.3403	0135.0	109.6	39.50	
303.0	001.3800	0087.2	018.8	155.4	014.3324	0134.9	109.4	39.53	
304.0	001.3800	0087.4	018.8	155.3	014.3250	0134.8	109.2	39.56	
305.0	001.3800	0087.6	018.8	155.1	014.3174	0134.8	109.0	39.60	
306.0	001.3800	0087.7	018.8	155.0	014.3095	0134.7	108.9	39.63	
307.0	001.3800	0087.6	018.8	154.8	014.3012	0134.7	108.7	39.66	
308.0	001.3800	0087.8	018.8	154.7	014.2934	0134.6	108.5	39.69	
309.0	001.3800	0087.9	018.8	154.5	014.2852	0134.5	108.4	39.72	
310.0	001.3800	0088.0	018.8	154.4	014.2769	0134.5	108.2	39.74	
311.0	001.3800	0088.6	018.9	154.2	014.2692	0134.4	108.0	39.78	
312.0	001.3800	0088.9	019.0	154.1	014.2609	0134.4	107.9	39.81	
313.0	001.3800	0088.5	018.9	153.9	014.2517	0134.4	107.8	39.83	
314.0	001.3800	0088.1	018.9	153.7	014.2424	0134.3	107.7	39.84	
315.0	001.3800	0087.9	018.8	153.5	014.2333	0134.2	107.6	39.85	
316.0	001.3800	0087.8	018.8	153.4	014.2244	0134.2	107.5	39.87	
317.0	001.3800	0087.9	018.8	153.2	014.2156	0134.2	107.4	39.89	
318.0	001.3800	0087.7	018.8	153.0	014.2064	0134.2	107.4	39.90	
319.0	001.3800	0087.1	018.7	152.9	014.1968	0134.2	107.4	39.90<--	
320.0	001.3800	0086.1	018.6	152.7	014.1869	0134.2	107.4	39.89	
321.0	001.3800	0084.8	018.5	152.5	014.1770	0134.1	107.5	39.87	
322.0	001.3800	0083.5	018.3	152.3	014.1672	0134.1	107.6	39.84	
323.0	001.3800	0082.6	018.2	152.1	014.1577	0134.1	107.6	39.83	
324.0	001.3800	0081.5	018.1	151.9	014.1483	0134.1	107.7	39.81	
325.0	001.3800	0080.3	017.9	151.8	014.1389	0134.1	107.8	39.78	
326.0	001.3800	0079.0	017.8	151.6	014.1296	0134.1	107.9	39.75	
327.0	001.3800	0077.8	017.6	151.4	014.1205	0134.1	108.0	39.73	
328.0	001.3800	0077.0	017.5	151.3	014.1116	0134.1	108.1	39.71	
329.0	001.3800	0076.1	017.4	151.1	014.1029	0134.2	108.2	39.69	
330.0	001.3800	0075.2	017.3	150.9	014.0942	0134.2	108.3	39.66	
331.0	001.3800	0074.2	017.2	150.8	014.0857	0134.3	108.4	39.64	
332.0	001.3800	0073.3	017.1	150.6	014.0773	0134.3	108.6	39.61	
333.0	001.3800	0072.1	016.9	150.5	014.0691	0134.3	108.7	39.57	
334.0	001.3800	0070.9	016.8	150.3	014.0611	0134.3	108.9	39.54	
335.0	001.3800	0069.2	016.5	150.2	014.0534	0134.3	109.1	39.49	
336.0	001.3800	0067.6	016.3	150.0	014.0460	0134.4	109.4	39.43	
337.0	001.3800	0066.1	016.1	149.9	014.1325	0134.4	109.6	39.42	

338.0	001.3800	0064.5	015.9	149.7	014.2291	0134.5	109.8	39.40
339.0	001.3800	0062.8	015.7	149.6	014.3230	0134.5	110.1	39.38
340.0	001.3800	0061.6	015.6	149.5	014.4171	0134.5	110.3	39.37
341.0	001.3800	0060.6	015.4	149.4	014.5110	0134.6	110.4	39.36
342.0	001.3800	0060.3	015.4	149.2	014.6106	0134.6	110.5	39.37
343.0	001.3800	0061.3	015.5	149.1	014.7225	0134.6	110.5	39.42
344.0	001.3800	0061.5	015.6	148.9	014.8283	0134.7	110.5	39.45
345.0	001.3800	0062.1	015.6	148.8	014.9382	0134.8	110.5	39.48
346.0	001.3800	0062.3	015.7	148.7	015.0447	0134.8	110.6	39.50
347.0	001.3800	0062.8	015.7	148.5	015.1556	0134.8	110.6	39.53
348.0	001.3800	0063.4	015.8	148.4	015.2668	0134.9	110.6	39.56
349.0	001.3800	0064.5	015.9	148.2	015.3891	0135.0	110.6	39.60
350.0	001.3800	0065.4	016.0	148.0	015.5097	0135.0	110.6	39.64
351.0	001.3800	0066.0	016.1	147.9	015.6257	0135.1	110.6	39.67
352.0	001.3800	0066.6	016.2	147.7	015.7422	0135.1	110.6	39.70
353.0	001.3800	0067.3	016.3	147.6	015.8616	0135.2	110.7	39.72
354.0	001.3800	0067.8	016.4	147.4	015.9771	0135.3	110.7	39.75
355.0	001.3800	0069.0	016.5	147.3	016.1076	0135.4	110.7	39.78
356.0	001.3800	0070.5	016.7	147.1	016.2489	0135.5	110.7	39.83
357.0	001.3800	0071.8	016.9	146.9	016.3875	0135.6	110.7	39.87
358.0	001.3800	0072.9	017.0	146.8	016.5211	0135.7	110.7	39.91
359.0	001.3800	0073.4	017.1	146.6	016.6398	0135.8	110.8	39.92
000.0	001.3800	0074.0	017.2	146.5	016.7608	0135.8	110.9	39.93
001.0	001.3800	0074.5	017.2	146.3	016.8786	0135.9	111.0	39.94
002.0	001.3800	0075.1	017.3	146.2	016.9987	0135.9	111.1	39.95
003.0	001.3800	0075.6	017.3	146.0	017.1161	0136.0	111.3	39.96
004.0	001.3800	0076.3	017.4	145.9	017.2407	0136.0	111.4	39.97
005.0	001.3800	0077.1	017.5	145.7	017.3662	0136.0	111.5	39.98
006.0	001.3800	0077.7	017.6	145.6	017.4861	0136.0	111.6	39.98
007.0	001.3800	0078.2	017.7	145.4	017.6004	0136.0	111.8	39.98
008.0	001.3800	0079.0	017.8	145.3	017.7243	0135.9	111.9	39.98
009.0	001.3800	0079.8	017.9	145.1	017.8489	0136.0	112.1	39.99<--
010.0	001.3800	0080.2	017.9	145.0	017.9591	0136.0	112.2	39.98
011.0	001.3800	0080.8	018.0	144.8	018.0752	0136.0	112.4	39.97
012.0	001.3800	0081.3	018.1	144.7	018.1874	0135.9	112.6	39.96
013.0	001.3800	0081.4	018.1	144.6	018.2807	0135.9	112.8	39.94
014.0	001.3800	0081.4	018.1	144.5	018.3687	0135.9	113.1	39.92
015.0	001.3800	0081.4	018.1	144.4	018.4552	0135.9	113.3	39.89
016.0	001.3800	0081.4	018.1	144.3	018.5433	0135.9	113.5	39.87
017.0	001.3800	0081.2	018.0	144.2	018.6170	0135.9	113.8	39.83
018.0	001.3800	0080.5	018.0	144.1	018.6669	0135.9	114.1	39.79
019.0	001.3800	0080.0	017.9	144.1	018.7265	0135.8	114.4	39.74
020.0	001.3800	0080.1	017.9	144.0	018.8077	0135.8	114.6	39.72
021.0	001.3800	0080.6	018.0	143.8	018.9040	0135.8	114.9	39.70
022.0	001.3800	0081.1	018.0	143.7	018.9960	0135.8	115.1	39.67
023.0	001.3800	0081.4	018.1	143.6	019.0779	0135.9	115.4	39.65
024.0	001.3800	0081.5	018.1	143.6	019.1505	0135.9	115.6	39.61
025.0	001.3800	0081.4	018.1	143.5	019.2163	0135.9	115.9	39.58
026.0	001.3800	0081.5	018.1	143.4	019.2835	0135.9	116.2	39.54
027.0	001.3800	0082.0	018.1	143.3	019.3690	0135.9	116.4	39.52
028.0	001.3800	0082.6	018.2	143.2	019.4540	0135.9	116.7	39.49
029.0	001.3800	0083.1	018.3	143.1	019.5329	0136.0	116.9	39.46
030.0	001.3800	0083.2	018.3	143.0	019.5925	0136.0	117.2	39.42
031.0	001.3800	0083.4	018.3	143.0	019.6557	0136.1	117.5	39.38
032.0	001.3800	0083.8	018.4	142.9	019.7240	0136.1	117.8	39.35
033.0	001.3800	0083.9	018.4	142.8	019.7770	0136.2	118.1	39.31
034.0	001.3800	0083.6	018.3	142.8	019.8126	0136.2	118.4	39.26
035.0	001.3800	0083.2	018.3	142.8	019.8359	0136.2	118.7	39.21
036.0	001.3800	0082.7	018.2	142.7	019.8516	0136.2	119.0	39.15
037.0	001.3800	0082.4	018.2	142.7	019.8756	0136.2	119.4	39.10
038.0	001.3800	0082.3	018.2	142.7	019.9094	0136.3	119.7	39.05
039.0	001.3800	0082.4	018.2	142.6	019.9464	0136.3	120.0	39.01
040.0	001.3800	0082.6	018.2	142.6	019.9853	0136.4	120.3	38.96