

03-22-2010

FCC NGDC 30 Sec Terrain Data

FMOver Analysis

WEQS.C

Channel = 207C3

Max ERP = 7.5 kW

RCAMSL = 490 M

N. Lat. 43 53 09.0

W. Lng. 90 38 43.0

Protected

60 dBu

WHAA-A BMPED20100301ABI

Channel = 206C2

Max ERP = 28.5 kW

RCAMSL = 487 M

N. Lat. 44 01 13.0

W. Lng. 89 33 31.0

Interfering

54 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)	IX (km)
020.0	001.0219	0148.1	022.6	274.9	028.5000	0175.6	079.6	52.21	
021.0	000.9803	0147.5	022.3	274.6	028.5000	0175.6	079.3	52.31	
022.0	000.9396	0147.4	022.1	274.4	028.5000	0175.7	079.0	52.41	
023.0	000.8997	0147.7	021.9	274.1	028.5000	0175.7	078.7	52.51	
024.0	000.8607	0148.0	021.7	273.9	028.5000	0175.7	078.4	52.60	
025.0	000.8225	0148.3	021.5	273.7	028.5000	0175.7	078.2	52.69	
026.0	000.7852	0148.7	021.3	273.4	028.5000	0175.8	077.9	52.78	
027.0	000.7488	0150.0	021.1	273.2	028.5000	0175.8	077.6	52.87	
028.0	000.7133	0151.9	021.0	273.0	028.5000	0175.9	077.3	52.96	
029.0	000.6786	0153.6	020.9	272.8	028.5000	0175.9	077.1	53.05	
030.0	000.6448	0154.5	020.7	272.6	028.5000	0175.9	076.8	53.12	
031.0	000.6185	0155.2	020.5	272.3	028.5000	0175.8	076.6	53.20	
032.0	000.5928	0156.2	020.4	272.1	028.5000	0175.8	076.4	53.27	
033.0	000.5677	0157.9	020.3	271.9	028.5000	0175.7	076.1	53.35	
034.0	000.5430	0160.6	020.2	271.7	028.5000	0175.7	075.8	53.44	
035.0	000.5190	0163.4	020.2	271.5	028.5000	0175.7	075.6	53.52	
036.0	000.4955	0165.6	020.1	271.3	028.5000	0175.6	075.3	53.60	
037.0	000.4725	0167.3	020.0	271.1	028.5000	0175.6	075.1	53.66	
038.0	000.4500	0168.5	019.8	270.8	028.5000	0175.5	074.9	53.72	
039.0	000.4282	0169.7	019.6	270.6	028.5000	0175.4	074.8	53.77	
040.0	000.4068	0171.0	019.4	270.3	028.5000	0175.4	074.6	53.81	
041.0	000.3903	0172.0	019.3	270.0	028.5000	0175.3	074.5	53.86	
042.0	000.3740	0172.5	019.1	269.8	028.5000	0175.3	074.3	53.90	
043.0	000.3582	0172.1	018.9	269.5	028.5000	0175.2	074.3	53.93	
044.0	000.3426	0171.1	018.6	269.1	028.5000	0175.1	074.2	53.94	
045.0	000.3275	0169.9	018.4	268.8	028.5000	0175.0	074.2	53.94	
046.0	000.3126	0168.5	018.1	268.5	028.5000	0175.0	074.2	53.94	
047.0	000.2981	0167.2	017.8	268.1	028.5000	0174.9	074.2	53.93	
048.0	000.2840	0165.6	017.5	267.8	028.5000	0174.7	074.3	53.91	
049.0	000.2702	0163.8	017.1	267.5	028.5000	0174.6	074.3	53.88	
050.0	000.2567	0161.7	016.8	267.1	028.5000	0174.5	074.4	53.84	
051.0	000.2547	0159.7	016.6	266.8	028.5000	0174.4	074.4	53.85	
052.0	000.2528	0157.8	016.4	266.6	028.5000	0174.4	074.4	53.86	
053.0	000.2509	0156.0	016.3	266.4	028.5000	0174.3	074.3	53.86	
054.0	000.2490	0154.5	016.2	266.1	028.5000	0174.2	074.3	53.87	
055.0	000.2471	0153.5	016.1	265.9	028.5000	0174.2	074.2	53.89	
056.0	000.2452	0152.9	016.0	265.7	028.5000	0174.1	074.2	53.91	
057.0	000.2433	0152.5	015.9	265.5	028.5000	0174.0	074.1	53.93	
058.0	000.2414	0151.7	015.8	265.2	028.5000	0174.0	074.0	53.95	
059.0	000.2395	0150.3	015.7	265.0	028.5000	0173.9	074.0	53.95	
060.0	000.2376	0148.8	015.6	264.8	028.5000	0173.9	074.0	53.95	
061.0	000.2376	0147.2	015.5	264.5	028.5000	0173.9	074.0	53.95	
062.0	000.2376	0145.7	015.4	264.3	028.5000	0173.9	074.0	53.96	
063.0	000.2376	0143.9	015.3	264.1	028.5000	0173.8	074.0	53.95	
064.0	000.2376	0142.5	015.2	263.9	028.5000	0173.7	074.0	53.95	
065.0	000.2376	0141.5	015.1	263.7	028.5000	0173.7	074.0	53.96	
066.0	000.2376	0141.0	015.1	263.5	028.5000	0173.7	073.9	53.97	
067.0	000.2376	0140.5	015.1	263.3	028.5000	0173.6	073.9	53.98	
068.0	000.2376	0139.3	015.0	263.0	028.5000	0173.6	073.9	53.98	
069.0	000.2376	0137.2	014.9	262.8	028.5000	0173.5	073.9	53.96	
070.0	000.2376	0134.1	014.7	262.6	028.5000	0173.5	074.1	53.92	
071.0	000.2500	0130.0	014.6	262.4	028.5000	0173.5	074.1	53.92	
072.0	000.2627	0125.6	014.6	262.2	028.5000	0173.4	074.1	53.91	
073.0	000.2758	0120.9	014.5	262.0	028.5000	0173.4	074.1	53.89	
074.0	000.2891	0116.7	014.4	261.8	028.5000	0173.3	074.2	53.87	

075.0	000.3028	0112.7	014.3		261.6	028.5000	0173.3	074.2	53.85
076.0	000.3167	0109.1	014.3		261.4	028.5000	0173.2	074.3	53.84
077.0	000.3310	0106.1	014.2		261.2	028.5000	0173.2	074.3	53.82
078.0	000.3456	0102.9	014.1		261.0	028.5000	0173.1	074.3	53.80
079.0	000.3605	0099.6	014.1		260.8	028.5000	0173.1	074.4	53.78
080.0	000.3758	0095.4	013.9		260.6	028.5000	0173.0	074.6	53.72
081.0	000.3934	0090.6	013.7		260.4	028.5000	0173.0	074.8	53.65
082.0	000.4115	0085.5	013.4		260.3	028.5000	0172.9	075.0	53.57
083.0	000.4299	0080.1	013.2		260.1	028.5000	0172.9	075.3	53.48
084.0	000.4488	0077.2	013.1		259.9	028.5000	0172.9	075.4	53.44
085.0	000.4680	0076.5	013.2		259.7	028.5000	0172.9	075.4	53.46
086.0	000.4877	0076.0	013.2		259.6	028.5000	0172.9	075.3	53.48
087.0	000.5077	0076.3	013.4		259.4	028.5000	0172.9	075.2	53.52
088.0	000.5282	0077.1	013.6		259.2	028.5000	0173.0	075.0	53.57
089.0	000.5491	0077.6	013.8		259.0	028.5000	0173.0	074.9	53.61
090.0	000.5704	0078.1	013.9		258.8	028.5000	0173.0	074.8	53.65
091.0	000.5704	0078.6	014.0		258.6	028.5000	0173.1	074.8	53.65
092.0	000.5704	0079.0	014.0		258.4	028.5000	0173.1	074.8	53.65
093.0	000.5704	0080.8	014.2		258.2	028.5000	0173.2	074.7	53.68
094.0	000.5704	0082.8	014.4		257.9	028.5000	0173.2	074.6	53.71
095.0	000.5704	0085.0	014.5		257.7	028.5000	0173.2	074.5	53.75
096.0	000.5704	0087.5	014.8		257.5	028.5000	0173.3	074.4	53.79
097.0	000.5704	0090.1	015.0		257.2	028.5000	0173.3	074.3	53.84
098.0	000.5704	0092.4	015.2		257.0	028.5000	0173.3	074.2	53.87
099.0	000.5704	0093.9	015.3		256.7	028.5000	0173.4	074.1	53.88
100.0	000.5704	0095.1	015.5		256.5	028.5000	0173.4	074.1	53.88
101.0	000.5639	0096.6	015.5		256.3	028.5000	0173.4	074.2	53.87
102.0	000.5574	0098.0	015.6		256.1	028.5000	0173.4	074.2	53.86
103.0	000.5510	0100.2	015.8		255.8	028.5000	0173.3	074.2	53.86
104.0	000.5446	0102.0	015.9		255.6	028.5000	0173.3	074.2	53.85
105.0	000.5382	0103.6	016.0		255.4	028.5000	0173.2	074.3	53.82
106.0	000.5319	0106.0	016.2		255.1	028.5000	0173.1	074.3	53.82
107.0	000.5256	0108.8	016.4		254.9	028.5000	0173.1	074.3	53.82
108.0	000.5194	0112.1	016.6		254.6	028.5000	0173.0	074.3	53.83
109.0	000.5132	0115.8	016.8		254.3	028.5000	0172.9	074.2	53.84
110.0	000.5070	0119.0	017.0		254.0	028.5000	0172.8	074.2	53.83
111.0	000.5336	0122.2	017.5		253.6	028.5000	0172.7	074.0	53.89
112.0	000.5609	0125.3	018.0		253.2	028.5000	0172.5	073.9	53.93
113.0	000.5888	0							