

09-24-2019

Terrain Data: FCC NGDC 30 Sec

FMOver Analysis

WSEW

WEVO BMLD20100630BSW

Channel = 204B  
 Max ERP = 17 kW  
 RCAMSL = 203 m  
 N. Lat. 43 13 26.0  
 W. Lng. 70 58 19.0  
 Protected  
 60 dBu

Channel = 206B  
 Max ERP = 50 kW  
 RCAMSL = 251 m  
 N. Lat. 43 12 53.0  
 W. Lng. 71 34 28.0  
 Interfering  
 100 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)	IX (km)
240.0	000.7144	0108.5	017.8	103.1	050.0000	0127.2	034.4	69.26	
241.0	000.7518	0107.9	018.0	103.0	050.0000	0127.1	034.0	69.42	
242.0	000.7902	0107.4	018.2	102.8	050.0000	0126.9	033.7	69.58	
243.0	000.8295	0106.8	018.4	102.6	050.0000	0126.8	033.3	69.74	
244.0	000.8698	0105.6	018.5	102.3	050.0000	0126.6	033.0	69.88	
245.0	000.9111	0103.8	018.5	101.9	050.0000	0126.3	032.8	69.98	
246.0	000.9533	0101.4	018.5	101.4	050.0000	0126.0	032.6	70.04	
247.0	000.9964	0098.8	018.5	100.9	050.0000	0125.7	032.5	70.10	
248.0	001.0405	0096.4	018.4	100.4	050.0000	0125.5	032.3	70.15	
249.0	001.0856	0094.4	018.4	099.9	050.0000	0125.1	032.2	70.21	
250.0	001.1316	0092.6	018.4	099.4	050.0000	0124.6	032.0	70.26	
251.0	001.1911	0090.6	018.4	098.9	050.0000	0124.2	031.8	70.33	
252.0	001.2522	0088.8	018.5	098.4	050.0000	0123.8	031.6	70.39	
253.0	001.3148	0086.7	018.5	097.9	050.0000	0123.2	031.5	70.43	
254.0	001.3789	0084.6	018.4	097.4	050.0000	0122.7	031.4	70.45	
255.0	001.4445	0083.0	018.5	096.8	050.0000	0122.1	031.2	70.50	
256.0	001.5117	0081.9	018.6	096.3	050.0000	0121.5	031.0	70.56	
257.0	001.5804	0080.8	018.7	095.8	050.0000	0121.1	030.8	70.64	
258.0	001.6506	0079.2	018.7	095.3	050.0000	0120.7	030.7	70.67	
259.0	001.7224	0077.5	018.6	094.7	050.0000	0120.2	030.6	70.69<-	
260.0	001.7956	0075.6	018.6	094.1	050.0000	0119.8	030.6	70.69	
261.0	001.8896	0073.3	018.6	093.5	050.0000	0119.2	030.6	70.66	
262.0	001.9861	0070.3	018.4	092.8	050.0000	0118.1	030.6	70.54	
263.0	002.0849	0067.1	018.2	092.1	050.0000	0116.8	030.8	70.37	
264.0	002.1861	0064.9	018.1	091.5	050.0000	0115.4	030.8	70.26	
265.0	002.2897	0063.0	018.1	091.0	050.0000	0114.0	030.8	70.16	
266.0	002.3957	0060.7	018.0	090.4	050.0000	0112.5	030.9	70.01	
267.0	002.5041	0058.3	017.9	089.8	050.0000	0111.1	031.0	69.83	
268.0	002.6150	0057.7	018.0	089.2	050.0000	0109.8	030.9	69.79	
269.0	002.7282	0057.3	018.1	088.6	050.0000	0108.9	030.7	69.80	
270.0	002.8438	0056.9	018.2	088.0	050.0000	0108.6	030.6	69.84	
271.0	002.9931	0056.9	018.5	087.4	050.0000	0108.0	030.4	69.92	
272.0	003.1462	0059.5	019.1	086.7	050.0000	0107.4	029.7	70.22	
273.0	003.3032	0062.3	019.8	085.9	050.0000	0106.7	029.1	70.51	
274.0	003.4640	0065.1	020.4	085.0	050.0000	0106.4	028.5	70.84	
275.0	003.6285	0068.7	021.2	084.1	050.0000	0107.1	027.9	71.31	
276.0	003.7970	0073.4	022.1	082.9	050.0000	0108.4	027.1	71.94	
277.0	003.9692	0078.2	022.9	081.6	050.0000	0110.6	026.3	72.62	
278.0	004.1453	0082.0	023.7	080.3	050.0000	0113.1	025.7	73.24	
279.0	004.3251	0084.8	024.3	079.0	050.0000	0115.6	025.2	73.74	
280.0	004.5088	0087.5	024.9	077.6	050.0000	0118.6	024.8	74.24	
281.0	004.7447	0090.2	025.6	076.0	050.0000	0121.3	024.4	74.73	
282.0	004.9866	0092.1	026.1	074.5	050.0000	0123.5	024.1	75.09	
283.0	005.2345	0093.4	026.6	073.0	050.0000	0124.5	023.9	75.29	
284.0	005.4885	0093.7	026.9	071.7	050.0000	0124.2	023.9	75.30<--	
285.0	005.7484	0093.3	027.1	070.4	050.0000	0123.4	024.0	75.20	
286.0	006.0144	0092.7	027.3	069.2	050.0000	0123.6	024.1	75.12	
287.0	006.2864	0092.1	027.5	068.1	050.0000	0123.5	024.2	75.01	
288.0	006.5643	0091.0	027.6	067.0	050.0000	0122.7	024.4	74.81	
289.0	006.8483	0089.8	027.7	066.0	050.0000	0121.1	024.7	74.51	
290.0	007.1384	0088.7	027.8	065.1	050.0000	0119.1	024.9	74.20	
291.0	007.5110	0087.5	027.9	064.1	050.0000	0117.3	025.2	73.89	
292.0	007.8932	0086.4	028.1	063.1	050.0000	0115.8	025.5	73.60	
293.0	008.2848	0086.0	028.3	062.0	050.0000	0114.5	025.7	73.35	

294.0	008.6860	0086.5	028.7		060.6	050.0000	0114.0	025.8	73.21
295.0	009.0966	0087.4	029.2		059.1	050.0000	0115.4	026.0	73.21
296.0	009.5167	0088.3	029.6		057.7	050.0000	0117.8	026.2	73.27
297.0	009.9462	0089.0	030.0		056.3	050.0000	0120.1	026.4	73.28
298.0	010.3853	0089.5	030.4		055.1	050.0000	0121.9	026.7	73.20
299.0	010.8338	0089.8	030.8		053.9	050.0000	0122.7	027.0	73.05
300.0	011.2918	0089.6	031.0		052.9	050.0000	0122.9	027.4	72.82
301.0	011.8103	0088.9	031.2		052.1	050.0000	0122.7	027.8	72.53
302.0	012.3404	0087.3	031.3		051.6	050.0000	0122.6	028.3	72.21
303.0	012.8821	0085.1	031.2		051.4	050.0000	0122.6	028.8	71.88
304.0	013.4355	0082.8	031.1		051.2	050.0000	0122.5	029.4	71.55
305.0	014.0005	0080.8	031.0		051.1	050.0000	0122.5	029.9	71.24
306.0	014.5771	0079.1	031.0		050.8	050.0000	0122.4	030.4	70.94
307.0	015.1654	0077.1	030.9		050.7	050.0000	0122.4	031.0	70.64
308.0	015.7653	0074.5	030.7		050.9	050.0000	0122.4	031.6	70.34
309.0	016.3768	0071.9	030.5		051.1	050.0000	0122.5	032.1	70.05
310.0	017.0000	0070.1	030.4		051.1	050.0000	0122.5	032.7	69.78
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WEVO    BMLED20100630BSW

WSEW

Channel = 206B  
Max ERP = 50 kW  
RCAMSL = 251 m  
N. Lat. 43 12 53.0  
W. Lng. 71 34 28.0  
Protected  
60 dBu

Channel = 204B  
Max ERP = 17 kW  
RCAMSL = 203 m  
N. Lat. 43 13 26.0  
W. Lng. 70 58 19.0  
Interfering  
100 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)		Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)	IX (km)
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060.0	050.0000	0114.3	047.1		340.7	017.0000	0105.0	023.8	69.25	
061.0	050.0000	0113.9	047.1		340.9	017.0000	0105.9	022.9	69.93	
062.0	050.0000	0114.5	047.2		341.5	017.0000	0108.0	022.1	70.71	
063.0	050.0000	0115.7	047.3		342.3	017.0000	0110.3	021.4	71.51	
064.0	050.0000	0117.2	047.6		343.3	017.0000	0112.1	020.6	72.26	
065.0	050.0000	0119.0	047.8		344.4	017.0000	0113.3	019.8	72.97	
066.0	050.0000	0121.0	048.1		345.6	017.0000	0114.5	019.0	73.69	
067.0	050.0000	0122.7	048.4		346.8	017.0000	0116.2	018.2	74.46	
068.0	050.0000	0123.5	048.5		347.6	017.0000	0117.5	017.4	75.22	
069.0	050.0000	0123.6	048.5		348.1	017.0000	0118.5	016.6	75.98	
070.0	050.0000	0123.4	048.5		348.4	017.0000	0119.2	015.7	76.73	
071.0	050.0000	0123.7	048.5		349.0	017.0000	0120.1	014.9	77.39	
072.0	050.0000	0124.5	048.6		349.9	017.0000	0120.7	014.1	78.38	
073.0	050.0000	0124.5	048.6		350.4	017.0000	0120.9	013.2	79.45	
074.0	050.0000	0124.0	048.6		350.5	017.0000	0120.9	012.4	80.63	
075.0	050.0000	0122.9	048.4		350.1	017.0000	0120.8	011.5	81.91	
076.0	050.0000	0121.3	048.2		349.2	017.0000	0120.3	010.7	83.27	
077.0	050.0000	0119.6	047.9		348.0	017.0000	0118.3	009.8	84.61	
078.0	050.0000	0117.7	047.6		346.2	017.0000	0115.3	009.0	85.95	
079.0	050.0000	0115.6	047.3		343.6	017.0000	0112.6	008.2	87.36	
080.0	050.0000	0113.6	047.0		340.6	017.0000	0104.7	007.4	88.45	
081.0	050.0000	0111.8	046.7		337.0	017.0000	0096.1	006.7	89.58	
082.0	050.0000	0109.9	046.4		332.0	017.0000	0091.9	006.0	91.10	
083.0	050.0000	0108.3	046.2		326.4	017.0000	0070.1	005.3	90.68	
084.0	050.0000	0107.1	046.0		319.8	017.0000	0068.0	004.8	92.45	
085.0	050.0000	0106.4	045.9		312.2	017.0000	0068.5	004.2	94.58	
086.0	050.0000	0106.8	045.9		304.1	013.4803	0082.6	003.6	97.60	
087.0	050.0000	0107.7	046.1		293.8	008.5988	0086.3	003.1	98.66<--	
088.0	050.0000	0108.6	046.2		279.4	004.4033	0085.9	002.7	98.05	
089.0	050.0000	0109.4	046.3		261.6	001.9441	0071.7	002.5	94.30	
090.0	050.0000	0111.7	046.7		240.7	000.7419	0108.0	002.4	93.40	
091.0	050.0000	0114.1	047.1		221.1	000.5534	0122.4	002.7	91.30	
092.0	050.0000	0116.4	047.4		206.4	000.5430	0151.9	003.2	89.89	
093.0	050.0000	0118.4	047.8		197.3	000.6299	0157.6	003.9	88.04	

094.0	050.0000	0119.7	047.9		192.7	000.7804	0159.0	004.6	86.33
095.0	050.0000	0120.5	048.1		190.3	000.8637	0160.2	005.5	84.35
096.0	050.0000	0121.2	048.2		188.8	000.9319	0161.7	006.3	82.41
097.0	050.0000	0122.3	048.3		187.3	000.9994	0162.8	007.1	80.62
098.0	050.0000	0123.3	048.5		186.3	001.0487	0163.5	008.0	78.96
099.0	050.0000	0124.3	048.6		185.7	001.0795	0164.1	008.8	77.45
100.0	050.0000	0125.2	048.7		185.3	001.0982	0164.6	009.7	75.96
101.0	050.0000	0125.8	048.8		185.3	001.0983	0164.6	010.5	74.47
102.0	050.0000	0126.4	048.9		185.3	001.0967	0164.5	011.4	73.06
103.0	050.0000	0127.1	049.0		185.4	001.0932	0164.5	012.3	71.73
104.0	050.0000	0128.0	049.1		185.4	001.0939	0164.5	013.1	70.50
105.0	050.0000	0129.2	049.3		185.3	001.1001	0164.6	014.0	69.40
106.0	050.0000	0130.0	049.4		185.5	001.0896	0164.4	014.9	68.32
107.0	050.0000	0131.3	049.6		185.4	001.0925	0164.4	015.8	67.70
108.0	050.0000	0132.9	049.8		185.3	001.0991	0164.6	016.7	66.99
109.0	050.0000	0134.3	050.0		185.4	001.0956	0164.5	017.5	66.23
110.0	050.0000	0134.7	050.1		185.9	001.0711	0163.9	018.4	65.39
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