



980714 219A 15kW 261M AMSL  
 WMBV 220C1 62kW 259M AMSL

980714 vs WMBV  
 - 01/03

## 01-14-2003 30 Sec. Terrain Data

WMBV BLED19880817LM  
 Channel = 220C1  
 Max ERP = 62 kW  
 RCAMSL = 259 M  
 N. Lat = 32 07 45  
 W. Lng = 87 44 16

980714  
 Channel = 219A  
 Max ERP = 15 kW  
 RCAMSL = 261 M  
 N. Lat = 322640  
 W. Lng = 890731

Protected  
 60 dBu

Interfering  
 54 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)		Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
255.0	062.0000	0188.8	058.3		123.8	011.5768	0157.4	089.7	44.5
256.0	062.0000	0188.2	058.3		123.4	011.6636	0157.5	089.0	44.7
257.0	062.0000	0187.6	058.2		122.9	011.7497	0157.5	088.3	44.9
258.0	062.0000	0186.8	058.1		122.4	011.8415	0157.2	087.6	45.2
259.0	062.0000	0185.6	058.0		121.9	011.9386	0157.2	087.0	45.4
260.0	062.0000	0184.4	057.9		121.3	012.0387	0156.7	086.4	45.6
261.0	062.0000	0183.5	057.8		120.8	012.1399	0156.7	085.8	45.8
262.0	062.0000	0183.4	057.8		120.3	012.2379	0156.0	085.1	46.0
263.0	062.0000	0183.6	057.9		119.7	012.3332	0156.0	084.5	46.2
264.0	062.0000	0183.8	057.9		119.2	012.4272	0155.4	083.9	46.4
265.0	062.0000	0183.8	057.9		118.6	012.5255	0155.4	083.3	46.6
266.0	062.0000	0183.4	057.8		118.0	012.6290	0155.0	082.8	46.8
267.0	062.0000	0183.1	057.8		117.4	012.7342	0154.6	082.3	47.0
268.0	062.0000	0183.2	057.8		116.8	012.8405	0154.6	081.8	47.2
269.0	062.0000	0183.3	057.8		116.2	012.9498	0154.0	081.3	47.3
270.0	062.0000	0183.3	057.8		115.5	013.0620	0154.0	080.8	47.5
271.0	062.0000	0183.3	057.8		114.9	013.1770	0153.3	080.4	47.7
272.0	062.0000	0183.4	057.8		114.2	013.2943	0152.6	080.0	47.8
273.0	062.0000	0183.8	057.9		113.6	013.4130	0152.6	079.6	48.0
274.0	062.0000	0184.3	057.9		112.9	013.5342	0152.0	079.2	48.1
275.0	062.0000	0184.7	057.9		112.2	013.6583	0151.5	078.8	48.2
276.0	062.0000	0184.6	057.9		111.5	013.7862	0151.4	078.5	48.3
277.0	062.0000	0184.3	057.9		110.8	013.9172	0151.4	078.3	48.4
278.0	062.0000	0184.5	057.9		110.0	014.0487	0151.6	078.1	48.6
279.0	062.0000	0185.4	058.0		109.3	014.1189	0152.3	077.8	48.7
280.0	062.0000	0187.1	058.2		108.6	014.1861	0152.3	077.5	48.8
281.0	062.0000	0189.7	058.4		107.9	014.2538	0153.0	077.1	49.0
282.0	062.0000	0192.4	058.6		107.1	014.3230	0153.6	076.7	49.2
283.0	062.0000	0194.7	058.8		106.4	014.3939	0154.2	076.4	49.3
284.0	062.0000	0196.7	059.0		105.6	014.4661	0154.2	076.2	49.4
285.0	062.0000	0198.6	059.2		104.8	014.5394	0154.7	076.0	49.5
286.0	062.0000	0200.1	059.3		104.1	014.6136	0154.9	075.9	49.6
287.0	062.0000	0201.4	059.4		103.3	014.6884	0154.9	075.8	49.6
288.0	062.0000	0202.7	059.6		102.5	014.7639	0154.4	075.8	49.6
289.0	062.0000	0204.1	059.7		101.7	014.8397	0154.4	075.8	49.7
290.0	062.0000	0206.0	059.9		100.9	014.9165	0153.4	075.7	49.6

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)		Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
291.0	062.0000	0208.1	060.0		100.1	014.9938	0152.3	075.7	49.6
292.0	062.0000	0210.2	060.2		099.3	014.8883	0151.6	075.7	49.6
293.0	062.0000	0212.3	060.4		098.4	014.7675	0151.5	075.8	49.5
294.0	062.0000	0213.9	060.6		097.6	014.6483	0151.5	075.9	49.4
295.0	062.0000	0215.0	060.7		096.9	014.5319	0151.5	076.1	49.3
296.0	062.0000	0215.2	060.7		096.1	014.4197	0151.5	076.5	49.2
297.0	062.0000	0214.4	060.6		095.4	014.3132	0151.2	076.9	49.0
298.0	062.0000	0212.7	060.5		094.7	014.2125	0151.2	077.4	48.8
299.0	062.0000	0210.6	060.3		094.0	014.1165	0150.7	078.0	48.6
300.0	062.0000	0208.3	060.1		093.4	014.0246	0150.2	078.6	48.3
301.0	062.0000	0205.9	059.8		092.8	013.9365	0150.2	079.3	48.1
302.0	062.0000	0203.4	059.6		092.2	013.8522	0149.9	080.0	47.8
303.0	062.0000	0201.0	059.4		091.6	013.7707	0149.9	080.7	47.6
304.0	062.0000	0199.0	059.2		091.1	013.6907	0149.6	081.4	47.3
305.0	062.0000	0197.2	059.1		090.5	013.6125	0149.6	082.1	47.1
306.0	062.0000	0195.6	058.9		090.0	013.5385	0149.4	082.8	46.9
307.0	062.0000	0194.1	058.8		089.5	013.3883	0149.2	083.5	46.6
308.0	062.0000	0192.8	058.7		089.0	013.2448	0149.2	084.2	46.3
309.0	062.0000	0192.0	058.6		088.5	013.1016	0149.0	084.9	46.1
310.0	062.0000	0191.6	058.6		088.0	012.9604	0149.0	085.6	45.8
311.0	062.0000	0191.0	058.5		087.5	012.8260	0148.8	086.4	45.5
312.0	062.0000	0190.0	058.4		087.0	012.7017	0148.8	087.1	45.3
313.0	062.0000	0188.8	058.3		086.6	012.5857	0148.8	087.9	45.0
314.0	062.0000	0187.9	058.2		086.2	012.4716	0148.3	088.7	44.7
315.0	062.0000	0187.3	058.2		085.8	012.3588	0148.3	089.5	44.4

## 01-14-2003 30 Sec. Terrain Data

980714

Channel = 219A

Max ERP = 15 kW

RCAMSL = 261 M

N. Lat = 322640

W. Lng = 890731

WMBV

BLED19880817LM

Channel = 220C1

Max ERP = 62 kW

RCAMSL = 259 M

N. Lat = 32 07 45

W. Lng = 87 44 16

Protected  
60 dBuInterfering  
54 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
075.0	009.6000	0144.2	037.2	295.6	062.0000	0215.2	104.7	49.5
076.0	009.8415	0144.3	037.4	295.4	062.0000	0215.0	104.1	49.7
077.0	010.0860	0144.2	037.6	295.2	062.0000	0215.0	103.5	49.8
078.0	010.3335	0144.3	037.8	295.0	062.0000	0215.0	103.0	50.0
079.0	010.5840	0144.7	038.1	294.7	062.0000	0215.0	102.4	50.2
080.0	010.8375	0144.9	038.3	294.5	062.0000	0213.9	101.8	50.3
081.0	011.0940	0145.3	038.5	294.2	062.0000	0213.9	101.3	50.4
082.0	011.3535	0145.5	038.8	294.0	062.0000	0213.9	100.7	50.6
083.0	011.6160	0146.0	039.0	293.7	062.0000	0213.9	100.2	50.8
084.0	011.8815	0146.7	039.3	293.5	062.0000	0212.3	099.6	50.9
085.0	012.1500	0147.5	039.6	293.2	062.0000	0212.3	099.0	51.0
086.0	012.4215	0148.3	039.8	292.9	062.0000	0212.3	098.5	51.2
087.0	012.6960	0148.8	040.1	292.6	062.0000	0212.3	097.9	51.4
088.0	012.9735	0149.0	040.3	292.3	062.0000	0210.2	097.5	51.4
089.0	013.2540	0149.2	040.5	291.9	062.0000	0210.2	097.0	51.6
090.0	013.5375	0149.4	040.7	291.6	062.0000	0210.2	096.6	51.7
091.0	013.6804	0149.6	040.8	291.2	062.0000	0208.1	096.2	51.7
092.0	013.8240	0149.9	040.9	290.8	062.0000	0208.1	095.9	51.8
093.0	013.9684	0150.2	041.1	290.4	062.0000	0206.0	095.5	51.9
094.0	014.1135	0150.7	041.2	290.0	062.0000	0206.0	095.2	52.0
095.0	014.2594	0151.2	041.3	289.6	062.0000	0206.0	094.9	52.1
096.0	014.4060	0151.5	041.5	289.2	062.0000	0204.1	094.6	52.1
097.0	014.5534	0151.5	041.5	288.8	062.0000	0204.1	094.4	52.1
098.0	014.7015	0151.5	041.6	288.4	062.0000	0202.7	094.1	52.2
099.0	014.8504	0151.6	041.7	288.0	062.0000	0202.7	093.9	52.2
100.0	015.0000	0152.3	041.9	287.5	062.0000	0202.7	093.7	52.3
101.0	014.9042	0153.4	042.0	287.1	062.0000	0201.4	093.5	52.3
102.0	014.8086	0154.4	042.1	286.6	062.0000	0201.4	093.4	52.3
103.0	014.7134	0154.9	042.1	286.2	062.0000	0200.1	093.3	52.3
104.0	014.6185	0154.9	042.0	285.7	062.0000	0200.1	093.4	52.3
105.0	014.5238	0154.7	041.9	285.3	062.0000	0198.6	093.4	52.2
106.0	014.4295	0154.2	041.8	284.8	062.0000	0198.6	093.6	52.2
107.0	014.3355	0153.6	041.7	284.4	062.0000	0196.7	093.7	52.1
108.0	014.2418	0153.0	041.6	283.9	062.0000	0196.7	093.9	52.0
109.0	014.1484	0152.3	041.4	283.5	062.0000	0196.7	094.1	51.9
110.0	014.0554	0151.6	041.3	283.1	062.0000	0194.7	094.3	51.8

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)		Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
111.0	013.8730	0151.4	041.1		282.7	062.0000	0194.7	094.6	51.7
112.0	013.6918	0151.5	041.0		282.2	062.0000	0192.4	094.8	51.6
113.0	013.5119	0152.0	041.0		281.8	062.0000	0192.4	095.0	51.5
114.0	013.3331	0152.6	041.0		281.4	062.0000	0189.7	095.2	51.4
115.0	013.1555	0153.3	040.9		281.0	062.0000	0189.7	095.4	51.3
116.0	012.9791	0154.0	040.9		280.6	062.0000	0189.7	095.6	51.3
117.0	012.8039	0154.6	040.9		280.2	062.0000	0187.1	095.8	51.1
118.0	012.6298	0155.0	040.8		279.8	062.0000	0187.1	096.1	51.0
119.0	012.4570	0155.4	040.7		279.4	062.0000	0185.4	096.4	50.9
120.0	012.2854	0156.0	040.7		279.0	062.0000	0185.4	096.7	50.8
121.0	012.0988	0156.7	040.6		278.6	062.0000	0185.4	097.0	50.7
122.0	011.9136	0157.2	040.6		278.3	062.0000	0184.5	097.4	50.5
123.0	011.7298	0157.5	040.5		277.9	062.0000	0184.5	097.8	50.4
124.0	011.5475	0157.4	040.3		277.6	062.0000	0184.5	098.2	50.3
125.0	011.3666	0157.1	040.2		277.3	062.0000	0184.3	098.7	50.2
126.0	011.1871	0156.8	040.0		276.9	062.0000	0184.3	099.2	50.0
127.0	011.0090	0156.3	039.8		276.7	062.0000	0184.3	099.7	49.9
128.0	010.8324	0155.8	039.6		276.4	062.0000	0184.6	100.2	49.8
129.0	010.6572	0155.2	039.4		276.1	062.0000	0184.6	100.8	49.6
130.0	010.4834	0154.5	039.2		275.8	062.0000	0184.6	101.3	49.5
131.0	010.2838	0153.7	038.9		275.6	062.0000	0184.6	101.9	49.3
132.0	010.0860	0153.1	038.7		275.4	062.0000	0184.7	102.5	49.1
133.0	009.8902	0152.9	038.5		275.2	062.0000	0184.7	103.1	49.0
134.0	009.6962	0153.2	038.4		274.9	062.0000	0184.7	103.6	48.9
135.0	009.5042	0153.8	038.3		274.7	062.0000	0184.7	104.1	48.7