



980714	219A	15kW	261M AMSL
WAOY	219C1	78kW	374M AMSL

980714 vs WAOY
- 01/03

01-14-2003 30 Sec. Terrain Data

WAOY BLED19971029KA
 Channel = 219C1
 Max ERP = 78 kW
 RCAMSL = 374 M
 N. Lat = 30 42 29
 W. Lng = 89 05 06

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

Protected
 60 dBu

Interfering
 40 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
329.0	078.0000	0324.3	071.7	194.2	004.1116	0141.4	135.2	29.4
330.0	078.0000	0324.3	071.7	193.8	004.0654	0141.4	134.3	29.5
331.0	078.0000	0324.3	071.7	193.4	004.0116	0141.3	133.5	29.6
332.0	078.0000	0324.0	071.7	193.0	003.9560	0141.3	132.7	29.7
333.0	078.0000	0323.4	071.6	192.6	003.8980	0141.3	131.9	29.8
334.0	078.0000	0322.5	071.5	192.1	003.8388	0141.3	131.2	29.9
335.0	078.0000	0322.1	071.5	191.7	003.7797	0141.3	130.4	30.0
336.0	078.0000	0322.0	071.5	191.3	003.7206	0140.8	129.7	30.0
337.0	078.0000	0321.9	071.5	190.8	003.6606	0140.8	129.0	30.1
338.0	078.0000	0321.4	071.5	190.3	003.5989	0140.6	128.3	30.2
339.0	078.0000	0320.7	071.4	189.8	003.5504	0140.6	127.7	30.2
340.0	078.0000	0320.1	071.4	189.3	003.5295	0140.6	127.1	30.3
341.0	076.9118	0319.8	071.2	188.8	003.5071	0140.6	126.7	30.3
342.0	075.8313	0319.6	071.0	188.3	003.4847	0141.1	126.3	30.4
343.0	074.7584	0319.8	070.9	187.7	003.4623	0141.1	125.9	30.5
344.0	073.6932	0320.7	070.8	187.2	003.4401	0142.1	125.4	30.5
345.0	072.6356	0321.9	070.8	186.7	003.4180	0142.1	125.0	30.6
346.0	071.5856	0322.8	070.7	186.1	003.3954	0143.1	124.6	30.7
347.0	070.5433	0322.7	070.5	185.6	003.3723	0143.1	124.4	30.7
348.0	069.5086	0321.9	070.3	185.0	003.3489	0144.2	124.2	30.7
349.0	068.4816	0320.9	070.1	184.4	003.3253	0145.3	124.1	30.7
350.0	067.4622	0320.3	069.9	183.9	003.3020	0145.3	124.0	30.7
351.0	066.3066	0320.4	069.7	183.3	003.2789	0146.2	123.8	30.7
352.0	065.1609	0321.3	069.6	182.7	003.2561	0146.2	123.7	30.7
353.0	064.0252	0322.5	069.5	182.2	003.2333	0147.0	123.6	30.8
354.0	062.8995	0323.2	069.4	181.6	003.2105	0147.0	123.5	30.7
355.0	061.7838	0323.2	069.2	181.0	003.1877	0147.7	123.6	30.7
356.0	060.6781	0322.7	069.0	180.5	003.1650	0148.4	123.7	30.7
357.0	059.5823	0322.1	068.8	179.9	003.1485	0148.4	123.8	30.6
358.0	058.4966	0322.5	068.6	179.3	003.1600	0148.2	123.9	30.6
359.0	057.4208	0323.6	068.5	178.8	003.1714	0148.2	124.0	30.6
000.0	056.3550	0324.6	068.4	178.2	003.1828	0147.7	124.2	30.6
001.0	055.6940	0325.7	068.4	177.7	003.1943	0147.7	124.3	30.6
002.0	055.0368	0327.0	068.3	177.1	003.2057	0147.3	124.4	30.6
003.0	054.3836	0328.2	068.3	176.6	003.2170	0147.3	124.5	30.6
004.0	053.7342	0329.1	068.3	176.1	003.2283	0147.0	124.7	30.5

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)		Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
005.0	053.0888	0329.5	068.2		175.5	003.2395	0147.0	125.0	30.5
006.0	052.4472	0329.6	068.0		175.0	003.2505	0147.0	125.3	30.4
007.0	051.8095	0329.9	067.9		174.5	003.2614	0147.3	125.7	30.4
008.0	051.1758	0329.8	067.8		174.0	003.2722	0147.3	126.1	30.3
009.0	050.5460	0329.3	067.7		173.5	003.2827	0147.9	126.5	30.3
010.0	049.9200	0328.6	067.5		173.0	003.2930	0147.9	127.0	30.2
011.0	049.4220	0327.6	067.3		172.5	003.3032	0148.4	127.6	30.1
012.0	048.9266	0326.4	067.1		172.0	003.3131	0148.4	128.1	30.0
013.0	048.4336	0325.6	067.0		171.6	003.3229	0148.4	128.7	30.0
014.0	047.9432	0325.5	066.8		171.1	003.3327	0148.9	129.2	29.9
015.0	047.4552	0325.9	066.8		170.6	003.3425	0148.9	129.8	29.8
016.0	046.9697	0326.4	066.7		170.2	003.3522	0149.1	130.3	29.7
017.0	046.4868	0326.9	066.6		169.7	003.3805	0149.1	130.9	29.6
018.0	046.0063	0327.4	066.6		169.3	003.4210	0148.8	131.5	29.5
019.0	045.5283	0328.0	066.5		168.9	003.4610	0148.8	132.1	29.5
020.0	045.0528	0328.7	066.5		168.4	003.5004	0148.2	132.8	29.4
021.0	044.6978	0329.4	066.4		168.0	003.5397	0148.2	133.4	29.3
022.0	044.3442	0330.0	066.4		167.6	003.5783	0148.2	134.1	29.2
023.0	043.9921	0330.7	066.4		167.2	003.6163	0147.6	134.8	29.1
024.0	043.6413	0331.4	066.3		166.8	003.6535	0147.6	135.5	29.0
025.0	043.2920	0332.0	066.3		166.5	003.6900	0146.9	136.2	28.9
026.0	042.9440	0332.7	066.2		166.1	003.7257	0146.9	137.0	28.8
027.0	042.5974	0333.5	066.2		165.7	003.7609	0146.9	137.8	28.7
028.0	042.2523	0334.4	066.2		165.4	003.7956	0146.0	138.5	28.5
029.0	041.9085	0335.4	066.2		165.0	003.8295	0146.0	139.3	28.4

01-14-2003 30 Sec. Terrain Data

980714

Channel = 219A

Max ERP = 15 kW

RCAMSL = 261 M

N. Lat = 322640

W. Lng = 890731

WAOY BLED19971029KA

Channel = 219C1

Max ERP = 78 kW

RCAMSL = 374 M

N. Lat = 30 42 29

W. Lng = 89 05 06

Protected
60 dBuInterfering
40 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
149.0	006.0389	0142.2	033.2	004.6	053.3574	0329.5	164.6	39.2
150.0	005.7846	0142.0	032.9	004.3	053.5144	0329.1	164.5	39.2
151.0	005.6310	0142.0	032.7	004.1	053.6469	0329.1	164.4	39.2
152.0	005.4795	0142.1	032.5	003.9	053.7787	0329.1	164.3	39.3
153.0	005.3300	0142.1	032.2	003.7	053.9110	0329.1	164.1	39.3
154.0	005.1826	0142.2	032.0	003.5	054.0437	0329.1	164.1	39.3
155.0	005.0373	0142.4	031.8	003.3	054.1744	0328.2	164.0	39.3
156.0	004.8940	0142.9	031.6	003.1	054.3029	0328.2	163.9	39.4
157.0	004.7528	0143.4	031.5	002.9	054.4308	0328.2	163.8	39.4
158.0	004.6137	0143.8	031.3	002.7	054.5597	0328.2	163.7	39.4
159.0	004.4767	0143.9	031.1	002.5	054.6915	0328.2	163.7	39.4
160.0	004.3417	0143.8	030.8	002.3	054.8253	0327.0	163.7	39.4
161.0	004.2374	0143.6	030.6	002.1	054.9543	0327.0	163.7	39.4
162.0	004.1344	0143.7	030.5	001.9	055.0806	0327.0	163.6	39.4
163.0	004.0326	0144.3	030.4	001.7	055.2030	0327.0	163.6	39.5
164.0	003.9322	0145.0	030.3	001.6	055.3245	0327.0	163.5	39.5
165.0	003.8330	0146.0	030.2	001.4	055.4452	0325.7	163.4	39.5
166.0	003.7350	0146.9	030.1	001.2	055.5664	0325.7	163.4	39.5
167.0	003.6383	0147.6	030.0	001.0	055.6886	0325.7	163.4	39.5
168.0	003.5429	0148.2	029.8	000.8	055.8110	0325.7	163.3	39.5
169.0	003.4488	0148.8	029.7	000.6	055.9336	0325.7	163.4	39.5
170.0	003.3559	0149.1	029.5	000.5	056.0567	0324.6	163.4	39.5
171.0	003.3347	0148.9	029.5	000.3	056.1754	0324.6	163.4	39.5
172.0	003.3135	0148.4	029.4	000.1	056.2946	0324.6	163.4	39.5
173.0	003.2924	0147.9	029.3	359.9	056.4493	0324.6	163.4	39.5
174.0	003.2713	0147.3	029.2	359.7	056.6399	0324.6	163.5	39.5
175.0	003.2504	0147.0	029.1	359.6	056.8290	0324.6	163.5	39.5
176.0	003.2294	0147.0	029.1	359.4	057.0170	0323.6	163.5	39.5
177.0	003.2086	0147.3	029.1	359.2	057.2049	0323.6	163.5	39.5
178.0	003.1878	0147.7	029.1	359.0	057.3926	0323.6	163.5	39.6
179.0	003.1671	0148.2	029.1	358.9	057.5806	0323.6	163.5	39.6
180.0	003.1465	0148.4	029.1	358.7	057.7689	0323.6	163.5	39.6
181.0	003.1864	0147.7	029.1	358.5	057.9578	0322.5	163.5	39.6
182.0	003.2267	0147.0	029.1	358.3	058.1468	0322.5	163.5	39.6
183.0	003.2671	0146.2	029.1	358.1	058.3360	0322.5	163.5	39.6
184.0	003.3079	0145.3	029.1	358.0	058.5248	0322.5	163.6	39.6

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)		Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
185.0	003.3488	0144.2	029.1		357.8	058.7126	0322.5	163.7	39.6
186.0	003.3901	0143.1	029.1		357.6	058.8999	0322.5	163.8	39.6
187.0	003.4316	0142.1	029.0		357.5	059.0866	0322.1	163.9	39.6
188.0	003.4733	0141.1	029.0		357.3	059.2731	0322.1	164.0	39.6
189.0	003.5153	0140.6	029.1		357.1	059.4625	0322.1	164.0	39.6
190.0	003.5575	0140.6	029.2		356.9	059.6554	0322.1	164.1	39.6
191.0	003.6873	0140.8	029.4		356.7	059.8661	0322.1	163.9	39.6
192.0	003.8193	0141.3	029.7		356.5	060.0817	0322.1	163.8	39.7
193.0	003.9537	0141.3	029.9		356.3	060.2963	0322.7	163.7	39.7
194.0	004.0904	0141.4	030.2		356.1	060.5144	0322.7	163.6	39.7
195.0	004.2294	0141.6	030.4		355.9	060.7361	0322.7	163.5	39.8
196.0	004.3708	0141.7	030.7		355.7	060.9595	0322.7	163.5	39.8
197.0	004.5144	0141.6	030.9		355.5	061.1822	0322.7	163.5	39.8
198.0	004.6604	0141.3	031.1		355.3	061.4037	0323.2	163.5	39.8
199.0	004.8087	0141.1	031.3		355.1	061.6271	0323.2	163.5	39.9
200.0	004.9594	0140.9	031.5		354.9	061.8534	0323.2	163.5	39.9
201.0	005.2020	0140.9	031.9		354.7	062.1060	0323.2	163.4	39.9
202.0	005.4505	0140.6	032.2		354.5	062.3585	0323.2	163.4	39.9
203.0	005.7048	0140.2	032.6		354.3	062.6093	0323.2	163.4	39.9
204.0	005.9648	0139.6	032.8		354.0	062.8561	0323.2	163.4	40.0
205.0	006.2307	0138.7	033.1		353.8	063.0984	0323.2	163.5	40.0
206.0	006.5024	0138.0	033.4		353.6	063.3418	0323.2	163.6	40.0
207.0	006.7798	0137.4	033.6		353.4	063.5896	0322.5	163.7	39.9
208.0	007.0631	0137.0	033.9		353.2	063.8415	0322.5	163.8	39.9
209.0	007.3521	0136.7	034.2		352.9	064.0957	0322.5	163.9	39.9