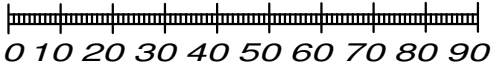


1:1,445,313

Scale in km



| | | | | |
|--------|------|-------|------|------|
| WABG | 6 | 100kW | 632M | AMSL |
| 980714 | 219A | 15kW | 261M | AMSL |

| |
|----------------|
| WABG vs 980714 |
| - 01/03 |

01-14-2003 30 Sec. Terrain Data

WABG BLED19880817LM
Channel = 6
Max ERP = 100 kW
RCAMSL = 632 M
N. Lat = 332223
W. Lng = 903231

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

Protected
47 dBu

Interfering
83 dBu

| Azimuth (degrees) | ERP (kW) | HAAT (m) | Dist (km) | Azimuth (degrees) | ERP (kW) | HAAT (m) | Dist (km) | Actual (dBu) |
|----------------------|-------------|-------------|--------------|----------------------|-------------|-------------|--------------|-----------------|
| 098.0 | 100.0000 | 0602.0 | 128.3 | 356.3 | 001.2306 | 0114.1 | 085.3 | 34.1 |
| 099.0 | 100.0000 | 0602.0 | 128.3 | 355.9 | 001.2281 | 0114.1 | 083.1 | 34.8 |
| 100.0 | 100.0000 | 0602.0 | 128.3 | 355.5 | 001.2259 | 0114.1 | 081.0 | 35.4 |
| 101.0 | 100.0000 | 0602.0 | 128.3 | 355.1 | 001.2233 | 0113.1 | 078.8 | 35.9 |
| 102.0 | 100.0000 | 0602.0 | 128.3 | 354.6 | 001.2204 | 0113.1 | 076.7 | 36.6 |
| 103.0 | 100.0000 | 0602.0 | 128.3 | 354.1 | 001.2172 | 0112.7 | 074.5 | 37.1 |
| 104.0 | 100.0000 | 0602.0 | 128.3 | 353.5 | 001.2136 | 0112.8 | 072.4 | 37.8 |
| 105.0 | 100.0000 | 0602.0 | 128.3 | 352.8 | 001.2097 | 0112.8 | 070.3 | 38.4 |
| 106.0 | 100.0000 | 0602.0 | 128.3 | 352.1 | 001.2053 | 0112.9 | 068.3 | 39.0 |
| 107.0 | 100.0000 | 0602.0 | 128.3 | 351.3 | 001.2005 | 0112.7 | 066.3 | 39.6 |
| 108.0 | 100.0000 | 0602.0 | 128.3 | 350.4 | 001.1952 | 0112.6 | 064.3 | 40.2 |
| 109.0 | 100.0000 | 0602.0 | 128.3 | 349.4 | 001.1978 | 0112.6 | 062.3 | 40.8 |
| 110.0 | 100.0000 | 0602.0 | 128.3 | 348.3 | 001.2069 | 0112.8 | 060.4 | 41.6 |
| 111.0 | 100.0000 | 0602.0 | 128.3 | 347.2 | 001.2169 | 0113.3 | 058.5 | 42.3 |
| 112.0 | 100.0000 | 0602.0 | 128.3 | 345.9 | 001.2279 | 0113.3 | 056.7 | 43.0 |
| 113.0 | 100.0000 | 0602.0 | 128.3 | 344.5 | 001.2400 | 0112.7 | 054.9 | 43.7 |
| 114.0 | 100.0000 | 0602.0 | 128.3 | 343.0 | 001.2532 | 0112.7 | 053.2 | 44.4 |
| 115.0 | 100.0000 | 0602.0 | 128.3 | 341.3 | 001.2677 | 0113.2 | 051.5 | 45.2 |
| 116.0 | 100.0000 | 0602.0 | 128.3 | 339.5 | 001.2937 | 0114.9 | 050.0 | 46.0 |
| 117.0 | 100.0000 | 0602.0 | 128.3 | 337.5 | 001.3509 | 0115.7 | 048.5 | 46.8 |
| 118.0 | 100.0000 | 0602.0 | 128.3 | 335.5 | 001.4139 | 0117.3 | 047.1 | 47.6 |
| 119.0 | 100.0000 | 0602.0 | 128.3 | 333.2 | 001.4831 | 0118.7 | 045.8 | 48.4 |
| 120.0 | 100.0000 | 0602.0 | 128.3 | 330.8 | 001.5589 | 0119.1 | 044.6 | 49.1 |
| 121.0 | 100.0000 | 0602.0 | 128.3 | 328.2 | 001.6890 | 0119.2 | 043.5 | 49.9 |
| 122.0 | 100.0000 | 0602.0 | 128.3 | 325.5 | 001.8562 | 0120.4 | 042.6 | 50.8 |
| 123.0 | 100.0000 | 0602.0 | 128.3 | 322.7 | 002.0403 | 0121.0 | 041.8 | 51.6 |
| 124.0 | 100.0000 | 0602.0 | 128.3 | 319.7 | 002.2507 | 0120.9 | 041.1 | 52.3 |
| 125.0 | 100.0000 | 0602.0 | 128.3 | 316.7 | 002.5824 | 0120.0 | 040.6 | 53.1 |
| 126.0 | 100.0000 | 0602.0 | 128.3 | 313.5 | 002.9463 | 0118.5 | 040.2 | 53.7 |
| 127.0 | 100.0000 | 0602.0 | 128.3 | 310.3 | 003.3408 | 0121.4 | 040.0 | 54.5 |
| 128.0 | 100.0000 | 0602.0 | 128.3 | 307.1 | 003.7201 | 0122.3 | 040.0 | 55.1 |
| 129.0 | 100.0000 | 0602.0 | 128.3 | 303.9 | 004.1133 | 0122.4 | 040.1 | 55.4 |
| 130.0 | 100.0000 | 0602.0 | 128.3 | 300.7 | 004.5213 | 0121.2 | 040.4 | 55.7 |
| 131.0 | 100.0000 | 0602.0 | 128.3 | 297.6 | 004.8990 | 0121.5 | 040.9 | 55.8 |
| 132.0 | 100.0000 | 0602.0 | 128.3 | 294.6 | 005.2671 | 0120.9 | 041.5 | 55.8 |
| 133.0 | 100.0000 | 0602.0 | 128.3 | 291.7 | 005.6339 | 0119.8 | 042.3 | 55.7 |

| Azimuth (degrees) | ERP (kW) | HAAT (m) | Dist (km) | | Azimuth (degrees) | ERP (kW) | HAAT (m) | Dist (km) | Actual (dBu) |
|----------------------|-------------|-------------|--------------|--|----------------------|-------------|-------------|--------------|-----------------|
| 134.0 | 100.0000 | 0602.0 | 128.3 | | 289.0 | 006.0549 | 0120.4 | 043.2 | 55.7 |
| 135.0 | 100.0000 | 0602.0 | 128.3 | | 286.3 | 006.5658 | 0120.3 | 044.2 | 55.6 |
| 136.0 | 100.0000 | 0602.0 | 128.3 | | 283.9 | 007.0665 | 0120.4 | 045.3 | 55.5 |
| 137.0 | 100.0000 | 0602.0 | 128.3 | | 281.5 | 007.5528 | 0121.5 | 046.6 | 55.3 |
| 138.0 | 100.0000 | 0602.0 | 128.3 | | 279.4 | 008.0214 | 0121.8 | 048.0 | 55.1 |
| 139.0 | 100.0000 | 0602.0 | 128.3 | | 277.4 | 008.4696 | 0121.4 | 049.4 | 54.7 |
| 140.0 | 100.0000 | 0602.0 | 128.3 | | 275.5 | 008.8956 | 0123.3 | 051.0 | 54.4 |
| 141.0 | 100.0000 | 0602.0 | 128.3 | | 273.8 | 009.2984 | 0124.2 | 052.6 | 54.0 |
| 142.0 | 100.0000 | 0602.0 | 128.3 | | 272.2 | 009.6773 | 0125.1 | 054.3 | 53.6 |
| 143.0 | 100.0000 | 0602.0 | 128.3 | | 270.7 | 010.0321 | 0125.8 | 056.0 | 53.1 |
| 144.0 | 100.0000 | 0602.0 | 128.3 | | 269.4 | 010.3630 | 0127.2 | 057.8 | 52.6 |
| 145.0 | 100.0000 | 0602.0 | 128.3 | | 268.2 | 010.6706 | 0127.6 | 059.7 | 52.1 |
| 146.0 | 100.0000 | 0602.0 | 128.3 | | 267.0 | 010.9554 | 0128.1 | 061.6 | 51.6 |
| 147.0 | 100.0000 | 0602.0 | 128.3 | | 266.0 | 011.2184 | 0128.5 | 063.6 | 51.0 |
| 148.0 | 100.0000 | 0602.0 | 128.3 | | 265.1 | 011.4605 | 0128.9 | 065.5 | 50.5 |
| 149.0 | 100.0000 | 0602.0 | 128.3 | | 264.2 | 011.6826 | 0129.4 | 067.6 | 50.0 |
| 150.0 | 100.0000 | 0602.0 | 128.3 | | 263.5 | 011.8859 | 0129.6 | 069.6 | 49.4 |
| 151.0 | 100.0000 | 0602.0 | 128.3 | | 262.8 | 012.0711 | 0129.6 | 071.7 | 48.8 |
| 152.0 | 100.0000 | 0602.0 | 128.3 | | 262.2 | 012.2393 | 0130.0 | 073.8 | 48.3 |
| 153.0 | 100.0000 | 0602.0 | 128.3 | | 261.6 | 012.3916 | 0130.0 | 075.9 | 47.7 |
| 154.0 | 100.0000 | 0602.0 | 128.3 | | 261.1 | 012.5289 | 0130.2 | 078.0 | 47.1 |
| 155.0 | 100.0000 | 0602.0 | 128.3 | | 260.7 | 012.6520 | 0130.2 | 080.2 | 46.5 |
| 156.0 | 100.0000 | 0602.0 | 128.3 | | 260.3 | 012.7619 | 0130.3 | 082.4 | 45.9 |
| 157.0 | 100.0000 | 0602.0 | 128.3 | | 259.9 | 012.8530 | 0130.3 | 084.6 | 45.3 |
| 158.0 | 100.0000 | 0602.0 | 128.3 | | 259.6 | 012.9172 | 0130.3 | 086.8 | 44.7 |