

08-27-2013

Terrain Data: FCC NGDC 30 Sec

FMOVer Analysis

1564434-C

1564427 BNPFT20030317HJH

Channel = 226D

Max ERP = 0.03 kW

RCAMSL = 169.4 M

N. Lat. 43 43 52.0

W. Lng. 72 16 02.5

Protected

60 dBu

Channel = 226D

Max ERP = 0.1 kW

RCAMSL = 227 M

N. Lat. 43 38 19.0

W. Lng. 72 30 24.0

Interfering

40 dBu

| Azimuth (degrees) | ERP (kW) | HAAT (m) | Dist (km) | Azimuth (degrees) | ERP (kW) | HAAT (m) | Dist (km) | Actual (dBu) | IX (km) |
|----------------------|-------------|-------------|--------------|----------------------|-------------|-------------|--------------|-----------------|------------|
| 182.0 | 000.0000 | -0067.2 | 001.5 | 065.3 | 000.1000 | -0028.3 | 021.1 | 37.98 | |
| 183.0 | 000.0000 | -0062.7 | 001.5 | 065.3 | 000.1000 | -0028.5 | 021.1 | 38.00 | |
| 184.0 | 000.0000 | -0057.7 | 001.5 | 065.2 | 000.1000 | -0028.7 | 021.1 | 38.02 | |
| 185.0 | 000.0000 | -0054.0 | 001.5 | 065.2 | 000.1000 | -0029.0 | 021.0 | 38.04 | |
| 186.0 | 000.0000 | -0051.2 | 001.5 | 065.3 | 000.1000 | -0028.6 | 021.0 | 38.07 | |
| 187.0 | 000.0000 | -0047.1 | 001.5 | 065.2 | 000.1000 | -0028.9 | 021.0 | 38.09 | |
| 188.0 | 000.0000 | -0041.3 | 001.5 | 065.2 | 000.1000 | -0029.1 | 020.9 | 38.11 | |
| 189.0 | 000.0000 | -0036.1 | 001.5 | 065.2 | 000.1000 | -0029.4 | 020.9 | 38.12 | |
| 190.0 | 000.0000 | -0032.5 | 001.5 | 065.1 | 000.1000 | -0029.7 | 020.9 | 38.14 | |
| 191.0 | 000.0000 | -0031.0 | 001.5 | 065.1 | 000.1000 | -0030.0 | 020.9 | 38.16 | |
| 192.0 | 000.0000 | -0028.5 | 001.5 | 065.0 | 000.1000 | -0030.3 | 020.9 | 38.17 | |
| 193.0 | 000.0000 | -0025.9 | 001.5 | 065.0 | 000.1000 | -0030.6 | 020.8 | 38.19 | |
| 194.0 | 000.0000 | -0024.5 | 001.5 | 064.9 | 000.1000 | -0030.9 | 020.8 | 38.21 | |
| 195.0 | 000.0000 | -0021.2 | 001.5 | 064.9 | 000.1000 | -0031.2 | 020.8 | 38.22 | |
| 196.0 | 000.0000 | -0012.2 | 001.5 | 064.8 | 000.1000 | -0031.6 | 020.8 | 38.24 | |
| 197.0 | 000.0000 | -0000.1 | 001.5 | 064.8 | 000.1000 | -0031.9 | 020.8 | 38.26 | |
| 198.0 | 000.0000 | 0013.1 | 001.5 | 064.7 | 000.1000 | -0032.2 | 020.7 | 38.27 | |
| 199.0 | 000.0000 | 0024.6 | 001.5 | 064.7 | 000.1000 | -0032.6 | 020.7 | 38.29 | |
| 200.0 | 000.0000 | 0033.2 | 001.5 | 064.6 | 000.1000 | -0032.9 | 020.7 | 38.30 | |
| 201.0 | 000.0000 | 0038.9 | 001.5 | 064.6 | 000.1000 | -0033.2 | 020.7 | 38.32 | |
| 202.0 | 000.0000 | 0041.5 | 001.5 | 064.5 | 000.1000 | -0033.6 | 020.7 | 38.33 | |
| 203.0 | 000.0000 | 0040.3 | 001.5 | 064.5 | 000.1000 | -0033.9 | 020.6 | 38.34 | |
| 204.0 | 000.0000 | 0036.7 | 001.5 | 064.4 | 000.1000 | -0034.3 | 020.6 | 38.36 | |
| 205.0 | 000.0000 | 0032.2 | 001.5 | 064.4 | 000.1000 | -0034.6 | 020.6 | 38.37 | |
| 206.0 | 000.0000 | 0026.9 | 001.5 | 064.3 | 000.1000 | -0035.0 | 020.6 | 38.38 | |
| 207.0 | 000.0000 | 0021.2 | 001.5 | 064.2 | 000.1000 | -0035.3 | 020.6 | 38.40 | |
| 208.0 | 000.0000 | 0016.3 | 001.5 | 064.2 | 000.1000 | -0035.7 | 020.6 | 38.41 | |
| 209.0 | 000.0000 | 0012.7 | 001.5 | 064.1 | 000.1000 | -0036.1 | 020.5 | 38.42 | |
| 210.0 | 000.0000 | 0008.8 | 001.5 | 064.1 | 000.1000 | -0036.4 | 020.5 | 38.43 | |
| 211.0 | 000.0000 | 0002.9 | 001.5 | 064.0 | 000.1000 | -0036.8 | 020.5 | 38.45 | |
| 212.0 | 000.0000 | -0004.3 | 001.5 | 063.9 | 000.1000 | -0037.2 | 020.5 | 38.46 | |
| 213.0 | 000.0000 | -0011.0 | 001.5 | 063.9 | 000.1000 | -0037.5 | 020.5 | 38.47 | |
| 214.0 | 000.0000 | -0017.5 | 001.5 | 063.8 | 000.1000 | -0037.9 | 020.5 | 38.48 | |
| 215.0 | 000.0000 | -0022.9 | 001.5 | 063.7 | 000.1000 | -0038.3 | 020.5 | 38.49 | |
| 216.0 | 000.0000 | -0028.0 | 001.5 | 063.7 | 000.1000 | -0038.7 | 020.4 | 38.50 | |
| 217.0 | 000.0000 | -0034.0 | 001.5 | 063.6 | 000.1000 | -0039.0 | 020.4 | 38.51 | |

| Azimuth (degrees) | ERP (kW) | HAAT (m) | Dist (km) | Azimuth (degrees) | ERP (kW) | HAAT (m) | Dist (km) | Actual (dBu) |
|----------------------|-------------|-------------|--------------|----------------------|-------------|-------------|--------------|-----------------|
| 218.0 | 000.0000 | -0041.3 | 001.5 | 063.5 | 000.1000 | -0039.4 | 020.4 | 38.52 |
| 219.0 | 000.0000 | -0048.9 | 001.5 | 063.5 | 000.1000 | -0039.7 | 020.4 | 38.53 |
| 220.0 | 000.0000 | -0054.9 | 001.5 | 063.4 | 000.1000 | -0040.1 | 020.4 | 38.54 |
| 221.0 | 000.0000 | -0056.4 | 001.5 | 063.3 | 000.1000 | -0040.4 | 020.4 | 38.54 |
| 222.0 | 000.0000 | -0053.8 | 001.5 | 063.3 | 000.1000 | -0040.8 | 020.4 | 38.55 |
| 223.0 | 000.0000 | -0050.2 | 001.5 | 063.2 | 000.1000 | -0041.1 | 020.4 | 38.56 |
| 224.0 | 000.0000 | -0046.8 | 001.5 | 063.1 | 000.1000 | -0041.5 | 020.4 | 38.57 |
| 225.0 | 000.0000 | -0042.6 | 001.5 | 063.1 | 000.1000 | -0041.9 | 020.4 | 38.57 |
| 226.0 | 000.0000 | -0038.4 | 001.5 | 063.0 | 000.1000 | -0042.2 | 020.3 | 38.58 |
| 227.0 | 000.0000 | -0035.2 | 001.5 | 062.9 | 000.1000 | -0042.6 | 020.3 | 38.59 |
| 228.0 | 000.0000 | -0033.8 | 001.5 | 062.8 | 000.1000 | -0043.0 | 020.3 | 38.59 |
| 229.0 | 000.0000 | -0034.8 | 001.5 | 062.8 | 000.1000 | -0043.4 | 020.3 | 38.60 |
| 230.0 | 000.0000 | -0037.7 | 001.5 | 062.7 | 000.1000 | -0043.8 | 020.3 | 38.60 |
| 231.0 | 000.0000 | -0041.5 | 001.5 | 062.6 | 000.1000 | -0044.2 | 020.3 | 38.61 |
| 232.0 | 000.0000 | -0045.9 | 001.5 | 062.5 | 000.1000 | -0044.6 | 020.3 | 38.61 |
| 233.0 | 000.0000 | -0050.5 | 001.5 | 062.5 | 000.1000 | -0045.0 | 020.3 | 38.61 |
| 234.0 | 000.0000 | -0055.2 | 001.5 | 062.4 | 000.1000 | -0045.4 | 020.3 | 38.62 |
| 235.0 | 000.0000 | -0059.6 | 001.5 | 062.3 | 000.1000 | -0045.9 | 020.3 | 38.59 |
| 236.0 | 000.0000 | -0063.2 | 001.5 | 062.2 | 000.1000 | -0046.3 | 020.3 | 38.59 |
| 237.0 | 000.0000 | -0066.6 | 001.5 | 062.2 | 000.1000 | -0046.7 | 020.3 | 38.60 |
| 238.0 | 000.0000 | -0070.2 | 001.5 | 062.1 | 000.1000 | -0047.1 | 020.3 | 38.60 |
| 239.0 | 000.0000 | -0074.3 | 001.5 | 062.0 | 000.1000 | -0047.6 | 020.3 | 38.60 |
| 240.0 | 000.0000 | -0078.6 | 001.5 | 061.9 | 000.1000 | -0048.0 | 020.4 | 38.57 |
| 241.0 | 000.0000 | -0082.6 | 001.5 | 061.9 | 000.1000 | -0048.4 | 020.4 | 38.57 |
| 242.0 | 000.0000 | -0087.5 | 001.5 | 061.8 | 000.1000 | -0048.8 | 020.4 | 38.57 |
| 243.0 | 000.0000 | -0093.7 | 001.4 | 061.7 | 000.1000 | -0049.2 | 020.4 | 38.54 |
| 244.0 | 000.0000 | -0100.5 | 001.4 | 061.7 | 000.1000 | -0049.6 | 020.4 | 38.51 |
| 245.0 | 000.0000 | -0105.6 | 001.4 | 061.6 | 000.1000 | -0050.0 | 020.4 | 38.51 |
| 246.0 | 000.0000 | -0107.6 | 001.4 | 061.5 | 000.1000 | -0050.3 | 020.4 | 38.51 |
| 247.0 | 000.0000 | -0107.4 | 001.3 | 061.5 | 000.1000 | -0050.7 | 020.5 | 38.47 |
| 248.0 | 000.0000 | -0105.4 | 001.3 | 061.4 | 000.1000 | -0051.0 | 020.5 | 38.44 |
| 249.0 | 000.0000 | -0103.0 | 001.3 | 061.3 | 000.1000 | -0051.3 | 020.5 | 38.44 |
| 250.0 | 000.0000 | -0100.5 | 001.3 | 061.3 | 000.1000 | -0051.7 | 020.5 | 38.44 |
| 251.0 | 000.0000 | -0098.1 | 001.3 | 061.2 | 000.1000 | -0052.0 | 020.6 | 38.41 |
| 252.0 | 000.0000 | -0095.5 | 001.2 | 061.2 | 000.1000 | -0052.2 | 020.6 | 38.37 |
| 253.0 | 000.0000 | -0094.1 | 001.2 | 061.2 | 000.1000 | -0052.4 | 020.6 | 38.34 |
| 254.0 | 000.0000 | -0095.5 | 001.2 | 061.1 | 000.1000 | -0052.6 | 020.7 | 38.31 |
| 255.0 | 000.0000 | -0098.6 | 001.1 | 061.1 | 000.1000 | -0052.7 | 020.7 | 38.27 |
| 256.0 | 000.0000 | -0102.8 | 001.1 | 061.1 | 000.1000 | -0052.8 | 020.8 | 38.24 |
| 257.0 | 000.0000 | -0105.5 | 001.0 | 061.1 | 000.1000 | -0052.9 | 020.8 | 38.21 |
| 258.0 | 000.0000 | -0108.7 | 001.0 | 061.0 | 000.1000 | -0053.2 | 020.8 | 38.21 |
| 259.0 | 000.0000 | -0113.2 | 001.0 | 061.0 | 000.1000 | -0053.3 | 020.9 | 38.17 |
| 260.0 | 000.0000 | -0117.3 | 001.0 | 061.0 | 000.1000 | -0053.3 | 020.9 | 38.14 |
| 261.0 | 000.0000 | -0117.6 | 000.9 | 061.0 | 000.1000 | -0053.4 | 020.9 | 38.11 |
| 262.0 | 000.0000 | -0114.1 | 000.9 | 061.0 | 000.1000 | -0053.4 | 021.0 | 38.08 |
| 263.0 | 000.0000 | -0111.2 | 000.8 | 061.0 | 000.1000 | -0053.4 | 021.0 | 38.04 |
| 264.0 | 000.0000 | -0108.7 | 000.8 | 061.0 | 000.1000 | -0053.4 | 021.1 | 38.01 |
| 265.0 | 000.0000 | -0106.9 | 000.8 | 061.0 | 000.1000 | -0053.3 | 021.1 | 37.98 |
| 266.0 | 000.0000 | -0104.5 | 000.7 | 061.0 | 000.1000 | -0053.3 | 021.2 | 37.95 |
| 267.0 | 000.0000 | -0101.9 | 000.7 | 061.0 | 000.1000 | -0053.2 | 021.2 | 37.92 |
| 268.0 | 000.0000 | -0105.4 | 000.7 | 061.0 | 000.1000 | -0053.1 | 021.2 | 37.89 |

| Azimuth (degrees) | ERP (kW) | HAAT (m) | Dist (km) | | Azimuth (degrees) | ERP (kW) | HAAT (m) | Dist (km) | Actual (dBu) |
|----------------------|-------------|-------------|--------------|--|----------------------|-------------|-------------|--------------|-----------------|
| 269.0 | 000.0000 | -0112.5 | 000.6 | | 061.0 | 000.1000 | -0053.0 | 021.3 | 37.86 |
| 270.0 | 000.0000 | -0119.6 | 000.6 | | 061.1 | 000.1000 | -0052.9 | 021.3 | 37.83 |
| 271.0 | 000.0000 | -0126.7 | 000.5 | | 061.1 | 000.1000 | -0052.7 | 021.3 | 37.80 |
| 272.0 | 000.0000 | -0127.2 | 000.5 | | 061.1 | 000.1000 | -0052.9 | 021.4 | 37.80 |
| 273.0 | 000.0000 | -0126.7 | 000.5 | | 061.1 | 000.1000 | -0052.7 | 021.4 | 37.77 |
| 274.0 | 000.0000 | -0126.2 | 000.5 | | 061.1 | 000.1000 | -0052.8 | 021.4 | 37.76 |
| 275.0 | 000.0000 | -0123.2 | 000.5 | | 061.1 | 000.1000 | -0052.6 | 021.4 | 37.73 |
| 276.0 | 000.0000 | -0122.9 | 000.5 | | 061.1 | 000.1000 | -0052.7 | 021.4 | 37.73 |
| 277.0 | 000.0000 | -0124.0 | 000.5 | | 061.1 | 000.1000 | -0052.8 | 021.4 | 37.73 |
| 278.0 | 000.0000 | -0125.2 | 000.4 | | 061.1 | 000.1000 | -0052.6 | 021.5 | 37.70 |
| 279.0 | 000.0000 | -0128.6 | 000.4 | | 061.2 | 000.1000 | -0052.3 | 021.5 | 37.67 |
| 280.0 | 000.0000 | -0132.1 | 000.4 | | 061.2 | 000.1000 | -0052.4 | 021.5 | 37.67 |
| 281.0 | 000.0000 | -0135.2 | 000.4 | | 061.1 | 000.1000 | -0052.5 | 021.5 | 37.67 |
| 282.0 | 000.0000 | -0141.2 | 000.4 | | 061.1 | 000.1000 | -0052.5 | 021.5 | 37.66 |
| 283.0 | 000.0000 | -0146.2 | 000.4 | | 061.1 | 000.1000 | -0052.6 | 021.5 | 37.66 |
| 284.0 | 000.0000 | -0149.4 | 000.4 | | 061.1 | 000.1000 | -0052.7 | 021.5 | 37.66 |
| 285.0 | 000.0000 | -0150.5 | 000.4 | | 061.1 | 000.1000 | -0052.7 | 021.5 | 37.65 |
| 286.0 | 000.0000 | -0150.2 | 000.4 | | 061.1 | 000.1000 | -0052.8 | 021.5 | 37.65 |
| 287.0 | 000.0000 | -0149.5 | 000.4 | | 061.1 | 000.1000 | -0052.9 | 021.5 | 37.65 |
| 288.0 | 000.0000 | -0147.5 | 000.4 | | 061.1 | 000.1000 | -0052.9 | 021.6 | 37.64 |
| 289.0 | 000.0000 | -0146.8 | 000.4 | | 061.0 | 000.1000 | -0053.0 | 021.6 | 37.64 |
| 290.0 | 000.0000 | -0149.9 | 000.4 | | 061.0 | 000.1000 | -0053.0 | 021.6 | 37.64 |
| 291.0 | 000.0000 | -0156.6 | 000.4 | | 061.0 | 000.1000 | -0053.1 | 021.6 | 37.63 |
| 292.0 | 000.0000 | -0166.1 | 000.4 | | 061.0 | 000.1000 | -0053.2 | 021.6 | 37.63 |
| 293.0 | 000.0000 | -0175.1 | 000.4 | | 061.0 | 000.1000 | -0053.2 | 021.6 | 37.62 |
| 294.0 | 000.0000 | -0181.1 | 000.4 | | 061.0 | 000.1000 | -0053.3 | 021.6 | 37.62 |
| 295.0 | 000.0000 | -0186.4 | 000.4 | | 061.0 | 000.1000 | -0053.3 | 021.6 | 37.62 |
| 296.0 | 000.0000 | -0191.4 | 000.4 | | 061.0 | 000.1000 | -0053.4 | 021.6 | 37.61 |
| 297.0 | 000.0000 | -0195.9 | 000.4 | | 061.0 | 000.1000 | -0053.4 | 021.6 | 37.61 |
| 298.0 | 000.0000 | -0198.7 | 000.4 | | 060.9 | 000.1000 | -0053.5 | 021.6 | 37.60 |
| 299.0 | 000.0000 | -0200.5 | 000.4 | | 060.9 | 000.1000 | -0053.5 | 021.6 | 37.60 |
| 300.0 | 000.0000 | -0202.7 | 000.4 | | 060.9 | 000.1000 | -0053.6 | 021.6 | 37.59 |
| 301.0 | 000.0000 | -0205.9 | 000.4 | | 060.9 | 000.1000 | -0053.6 | 021.6 | 37.59 |

08-27-2013

Terrain Data: FCC NGDC 30 Sec

FMOver Analysis

1564427 BNPFT20030317HJH

1564434-C

Channel = 226D

Max ERP = 0.1 kW

RCAMSL = 227 M

N. Lat. 43 38 19.0

W. Lng. 72 30 24.0

Protected

60 dBu

Channel = 226D

Max ERP = 0.03 kW

RCAMSL = 169.4 M

N. Lat. 43 43 52.0

W. Lng. 72 16 02.5

Interfering

40 dBu

| Azimuth (degrees) | ERP (kW) | HAAT (m) | Dist (km) | Azimuth (degrees) | ERP (kW) | HAAT (m) | Dist (km) | Actual (dBu) | IX (km) |
|----------------------|-------------|-------------|--------------|----------------------|-------------|-------------|--------------|-----------------|------------|
| 002.0 | 000.1000 | -0156.0 | 005.6 | 256.4 | 000.0000 | -0104.0 | 019.6 | 02.78 | |
| 003.0 | 000.1000 | -0152.7 | 005.6 | 256.3 | 000.0000 | -0103.7 | 019.5 | 02.88 | |
| 004.0 | 000.1000 | -0152.2 | 005.6 | 256.2 | 000.0000 | -0103.4 | 019.4 | 02.98 | |
| 005.0 | 000.1000 | -0150.3 | 005.6 | 256.1 | 000.0000 | -0103.1 | 019.3 | 03.09 | |
| 006.0 | 000.1000 | -0147.2 | 005.6 | 256.0 | 000.0000 | -0102.7 | 019.2 | 03.19 | |
| 007.0 | 000.1000 | -0144.1 | 005.6 | 255.9 | 000.0000 | -0102.3 | 019.1 | 03.30 | |
| 008.0 | 000.1000 | -0141.0 | 005.6 | 255.8 | 000.0000 | -0101.9 | 019.0 | 03.41 | |
| 009.0 | 000.1000 | -0139.1 | 005.6 | 255.7 | 000.0000 | -0101.4 | 018.9 | 03.52 | |
| 010.0 | 000.1000 | -0140.2 | 005.6 | 255.5 | 000.0000 | -0100.9 | 018.9 | 03.63 | |
| 011.0 | 000.1000 | -0143.8 | 005.6 | 255.4 | 000.0000 | -0100.3 | 018.8 | 03.74 | |
| 012.0 | 000.1000 | -0148.1 | 005.6 | 255.3 | 000.0000 | -0099.8 | 018.7 | 03.85 | |
| 013.0 | 000.1000 | -0148.3 | 005.6 | 255.1 | 000.0000 | -0099.2 | 018.6 | 03.96 | |
| 014.0 | 000.1000 | -0145.2 | 005.6 | 255.0 | 000.0000 | -0098.6 | 018.5 | 04.08 | |
| 015.0 | 000.1000 | -0137.6 | 005.6 | 254.8 | 000.0000 | -0098.0 | 018.4 | 04.19 | |
| 016.0 | 000.1000 | -0126.7 | 005.6 | 254.7 | 000.0000 | -0097.5 | 018.3 | 04.31 | |
| 017.0 | 000.1000 | -0116.8 | 005.6 | 254.5 | 000.0000 | -0096.9 | 018.3 | 04.43 | |
| 018.0 | 000.1000 | -0111.9 | 005.6 | 254.4 | 000.0000 | -0096.4 | 018.2 | 04.54 | |
| 019.0 | 000.1000 | -0111.3 | 005.6 | 254.2 | 000.0000 | -0095.9 | 018.1 | 04.66 | |
| 020.0 | 000.1000 | -0111.4 | 005.6 | 254.0 | 000.0000 | -0095.5 | 018.0 | 04.78 | |
| 021.0 | 000.1000 | -0112.9 | 005.6 | 253.8 | 000.0000 | -0095.1 | 017.9 | 04.90 | |
| 022.0 | 000.1000 | -0115.9 | 005.6 | 253.6 | 000.0000 | -0094.7 | 017.9 | 05.02 | |
| 023.0 | 000.1000 | -0120.2 | 005.6 | 253.4 | 000.0000 | -0094.4 | 017.8 | 05.14 | |
| 024.0 | 000.1000 | -0125.7 | 005.6 | 253.2 | 000.0000 | -0094.2 | 017.7 | 05.26 | |
| 025.0 | 000.1000 | -0129.4 | 005.6 | 253.0 | 000.0000 | -0094.1 | 017.6 | 05.38 | |
| 026.0 | 000.1000 | -0128.3 | 005.6 | 252.8 | 000.0000 | -0094.2 | 017.6 | 05.50 | |
| 027.0 | 000.1000 | -0123.0 | 005.6 | 252.6 | 000.0000 | -0094.4 | 017.5 | 05.62 | |
| 028.0 | 000.1000 | -0117.3 | 005.6 | 252.3 | 000.0000 | -0094.8 | 017.4 | 05.75 | |
| 029.0 | 000.1000 | -0111.2 | 005.6 | 252.1 | 000.0000 | -0095.3 | 017.3 | 05.87 | |
| 030.0 | 000.1000 | -0104.5 | 005.6 | 251.9 | 000.0000 | -0095.9 | 017.3 | 05.99 | |
| 031.0 | 000.1000 | -0097.7 | 005.6 | 251.6 | 000.0000 | -0096.6 | 017.2 | 06.11 | |
| 032.0 | 000.1000 | -0091.8 | 005.6 | 251.4 | 000.0000 | -0097.3 | 017.2 | 06.23 | |
| 033.0 | 000.1000 | -0087.8 | 005.6 | 251.1 | 000.0000 | -0097.9 | 017.1 | 06.35 | |
| 034.0 | 000.1000 | -0086.1 | 005.6 | 250.8 | 000.0000 | -0098.5 | 017.0 | 06.47 | |

| Azimuth (degrees) | ERP (kW) | HAAT (m) | Dist (km) | Azimuth (degrees) | ERP (kW) | HAAT (m) | Dist (km) | Actual (dBu) |
|----------------------|-------------|-------------|--------------|----------------------|-------------|-------------|--------------|-----------------|
| 035.0 | 000.1000 | -0084.8 | 005.6 | 250.6 | 000.0000 | -0099.1 | 017.0 | 06.59 |
| 036.0 | 000.1000 | -0083.1 | 005.6 | 250.3 | 000.0000 | -0099.7 | 016.9 | 06.70 |
| 037.0 | 000.1000 | -0081.7 | 005.6 | 250.0 | 000.0000 | -0100.4 | 016.9 | 06.82 |
| 038.0 | 000.1000 | -0081.3 | 005.6 | 249.7 | 000.0000 | -0101.2 | 016.8 | 06.87 |
| 039.0 | 000.1000 | -0081.6 | 005.6 | 249.4 | 000.0000 | -0102.0 | 016.8 | 06.91 |
| 040.0 | 000.1000 | -0082.2 | 005.6 | 249.1 | 000.0000 | -0102.7 | 016.7 | 06.95 |
| 041.0 | 000.1000 | -0083.5 | 005.6 | 248.9 | 000.0000 | -0103.3 | 016.7 | 06.99 |
| 042.0 | 000.1000 | -0084.3 | 005.6 | 248.6 | 000.0000 | -0104.0 | 016.6 | 07.03 |
| 043.0 | 000.1000 | -0084.1 | 005.6 | 248.2 | 000.0000 | -0104.8 | 016.6 | 07.07 |
| 044.0 | 000.1000 | -0084.0 | 005.6 | 247.9 | 000.0000 | -0105.5 | 016.5 | 07.12 |
| 045.0 | 000.1000 | -0085.9 | 005.6 | 247.6 | 000.0000 | -0106.3 | 016.5 | 07.23 |
| 046.0 | 000.1000 | -0088.8 | 005.6 | 247.3 | 000.0000 | -0107.0 | 016.5 | 07.34 |
| 047.0 | 000.1000 | -0090.9 | 005.6 | 247.0 | 000.0000 | -0107.4 | 016.4 | 07.45 |
| 048.0 | 000.1000 | -0091.9 | 005.6 | 246.7 | 000.0000 | -0107.7 | 016.4 | 07.56 |
| 049.0 | 000.1000 | -0091.1 | 005.6 | 246.3 | 000.0000 | -0107.8 | 016.4 | 07.66 |
| 050.0 | 000.1000 | -0089.1 | 005.6 | 246.0 | 000.0000 | -0107.6 | 016.3 | 07.77 |
| 051.0 | 000.1000 | -0085.8 | 005.6 | 245.7 | 000.0000 | -0107.3 | 016.3 | 07.79 |
| 052.0 | 000.1000 | -0081.6 | 005.6 | 245.3 | 000.0000 | -0106.6 | 016.3 | 07.81 |
| 053.0 | 000.1000 | -0076.1 | 005.6 | 245.0 | 000.0000 | -0105.5 | 016.3 | 07.83 |
| 054.0 | 000.1000 | -0071.0 | 005.6 | 244.7 | 000.0000 | -0104.1 | 016.2 | 07.84 |
| 055.0 | 000.1000 | -0067.2 | 005.6 | 244.3 | 000.0000 | -0102.3 | 016.2 | 07.86 |
| 056.0 | 000.1000 | -0064.4 | 005.6 | 244.0 | 000.0000 | -0100.3 | 016.2 | 07.88 |
| 057.0 | 000.1000 | -0062.2 | 005.6 | 243.6 | 000.0000 | -0098.1 | 016.2 | 07.97 |
| 058.0 | 000.1000 | -0060.8 | 005.6 | 243.3 | 000.0000 | -0095.6 | 016.2 | 08.06 |
| 059.0 | 000.1000 | -0059.6 | 005.6 | 242.9 | 000.0000 | -0093.2 | 016.2 | 08.15 |
| 060.0 | 000.1000 | -0057.4 | 005.6 | 242.6 | 000.0000 | -0090.8 | 016.2 | 08.23 |
| 061.0 | 000.1000 | -0053.2 | 005.6 | 242.2 | 000.0000 | -0088.8 | 016.2 | 08.32 |
| 062.0 | 000.1000 | -0047.6 | 005.6 | 241.9 | 000.0000 | -0086.8 | 016.2 | 08.37 |
| 063.0 | 000.1000 | -0042.1 | 005.6 | 241.5 | 000.0000 | -0085.1 | 016.2 | 08.37 |
| 064.0 | 000.1000 | -0036.8 | 005.6 | 241.2 | 000.0000 | -0083.5 | 016.2 | 08.37 |
| 065.0 | 000.1000 | -0030.5 | 005.6 | 240.8 | 000.0000 | -0082.0 | 016.2 | 08.36 |
| 066.0 | 000.1000 | -0023.5 | 005.6 | 240.5 | 000.0000 | -0080.6 | 016.2 | 08.35 |
| 067.0 | 000.1000 | -0017.5 | 005.6 | 240.1 | 000.0000 | -0079.2 | 016.2 | 08.34 |
| 068.0 | 000.1000 | -0013.2 | 005.6 | 239.8 | 000.0000 | -0077.7 | 016.2 | 08.38 |
| 069.0 | 000.1000 | -0010.2 | 005.6 | 239.5 | 000.0000 | -0076.3 | 016.2 | 08.44 |
| 070.0 | 000.1000 | -0007.1 | 005.6 | 239.1 | 000.0000 | -0074.8 | 016.3 | 08.50 |
| 071.0 | 000.1000 | -0002.6 | 005.6 | 238.8 | 000.0000 | -0073.3 | 016.3 | 08.51 |
| 072.0 | 000.1000 | 0003.3 | 005.6 | 238.4 | 000.0000 | -0071.9 | 016.3 | 08.49 |
| 073.0 | 000.1000 | 0009.3 | 005.6 | 238.1 | 000.0000 | -0070.6 | 016.3 | 08.47 |
| 074.0 | 000.1000 | 0014.8 | 005.6 | 237.8 | 000.0000 | -0069.3 | 016.4 | 08.45 |
| 075.0 | 000.1000 | 0018.4 | 005.6 | 237.4 | 000.0000 | -0068.3 | 016.4 | 08.43 |
| 076.0 | 000.1000 | 0019.4 | 005.6 | 237.1 | 000.0000 | -0067.0 | 016.4 | 08.40 |
| 077.0 | 000.1000 | 0019.1 | 005.6 | 236.8 | 000.0000 | -0065.9 | 016.4 | 08.37 |
| 078.0 | 000.1000 | 0019.5 | 005.6 | 236.5 | 000.0000 | -0064.8 | 016.5 | 08.34 |
| 079.0 | 000.1000 | 0020.2 | 005.6 | 236.2 | 000.0000 | -0063.7 | 016.5 | 08.31 |
| 080.0 | 000.1000 | 0021.1 | 005.6 | 235.9 | 000.0000 | -0062.7 | 016.6 | 08.28 |
| 081.0 | 000.1000 | 0019.2 | 005.6 | 235.5 | 000.0000 | -0061.6 | 016.6 | 08.24 |
| 082.0 | 000.1000 | 0013.9 | 005.6 | 235.2 | 000.0000 | -0060.5 | 016.6 | 08.21 |
| 083.0 | 000.1000 | 0009.0 | 005.6 | 234.9 | 000.0000 | -0059.3 | 016.7 | 08.18 |
| 084.0 | 000.1000 | 0006.1 | 005.6 | 234.6 | 000.0000 | -0058.1 | 016.7 | 08.21 |
| 085.0 | 000.1000 | 0007.6 | 005.6 | 234.4 | 000.0000 | -0056.8 | 016.8 | 08.23 |

| Azimuth (degrees) | ERP (kW) | HAAT (m) | Dist (km) | | Azimuth (degrees) | ERP (kW) | HAAT (m) | Dist (km) | Actual (dBu) |
|----------------------|-------------|-------------|--------------|--|----------------------|-------------|-------------|--------------|-----------------|
| 086.0 | 000.1000 | 0009.5 | 005.6 | | 234.1 | 000.0000 | -0055.5 | 016.8 | 08.25 |
| 087.0 | 000.1000 | 0011.0 | 005.6 | | 233.8 | 000.0000 | -0054.2 | 016.9 | 08.22 |
| 088.0 | 000.1000 | 0012.3 | 005.6 | | 233.5 | 000.0000 | -0052.9 | 016.9 | 08.17 |
| 089.0 | 000.1000 | 0011.5 | 005.6 | | 233.2 | 000.0000 | -0051.6 | 017.0 | 08.12 |
| 090.0 | 000.1000 | 0010.4 | 005.6 | | 233.0 | 000.0000 | -0050.3 | 017.1 | 08.07 |
| 091.0 | 000.1000 | 0009.2 | 005.6 | | 232.7 | 000.0000 | -0049.1 | 017.1 | 08.02 |
| 092.0 | 000.1000 | 0008.0 | 005.6 | | 232.5 | 000.0000 | -0047.9 | 017.2 | 07.97 |
| 093.0 | 000.1000 | 0006.6 | 005.6 | | 232.2 | 000.0000 | -0046.8 | 017.2 | 07.92 |
| 094.0 | 000.1000 | 0006.9 | 005.6 | | 232.0 | 000.0000 | -0045.7 | 017.3 | 07.86 |
| 095.0 | 000.1000 | 0007.7 | 005.6 | | 231.7 | 000.0000 | -0044.6 | 017.4 | 07.81 |
| 096.0 | 000.1000 | 0008.3 | 005.6 | | 231.5 | 000.0000 | -0043.6 | 017.4 | 07.75 |
| 097.0 | 000.1000 | 0007.4 | 005.6 | | 231.3 | 000.0000 | -0042.6 | 017.5 | 07.69 |
| 098.0 | 000.1000 | 0006.5 | 005.6 | | 231.0 | 000.0000 | -0041.7 | 017.6 | 07.63 |
| 099.0 | 000.1000 | 0005.6 | 005.6 | | 230.8 | 000.0000 | -0040.8 | 017.7 | 07.57 |
| 100.0 | 000.1000 | 0009.0 | 005.6 | | 230.6 | 000.0000 | -0040.0 | 017.7 | 07.51 |
| 101.0 | 000.1000 | 0011.7 | 005.6 | | 230.4 | 000.0000 | -0039.1 | 017.8 | 07.45 |
| 102.0 | 000.1000 | 0013.1 | 005.6 | | 230.2 | 000.0000 | -0038.4 | 017.9 | 07.38 |
| 103.0 | 000.1000 | 0013.8 | 005.6 | | 230.0 | 000.0000 | -0037.8 | 018.0 | 07.32 |
| 104.0 | 000.1000 | 0014.6 | 005.6 | | 229.8 | 000.0000 | -0037.2 | 018.0 | 07.25 |
| 105.0 | 000.1000 | 0015.8 | 005.6 | | 229.7 | 000.0000 | -0036.6 | 018.1 | 07.19 |
| 106.0 | 000.1000 | 0017.0 | 005.6 | | 229.5 | 000.0000 | -0036.1 | 018.2 | 07.12 |
| 107.0 | 000.1000 | 0016.7 | 005.6 | | 229.3 | 000.0000 | -0035.6 | 018.3 | 07.05 |
| 108.0 | 000.1000 | 0013.9 | 005.6 | | 229.2 | 000.0000 | -0035.1 | 018.4 | 06.98 |
| 109.0 | 000.1000 | 0010.5 | 005.6 | | 229.0 | 000.0000 | -0034.9 | 018.5 | 06.91 |
| 110.0 | 000.1000 | 0007.9 | 005.6 | | 228.9 | 000.0000 | -0034.7 | 018.5 | 06.84 |
| 111.0 | 000.1000 | 0004.8 | 005.6 | | 228.7 | 000.0000 | -0034.5 | 018.6 | 06.77 |
| 112.0 | 000.1000 | -0000.2 | 005.6 | | 228.6 | 000.0000 | -0034.3 | 018.7 | 06.70 |
| 113.0 | 000.1000 | -0005.9 | 005.6 | | 228.4 | 000.0000 | -0034.2 | 018.8 | 06.63 |
| 114.0 | 000.1000 | -0010.8 | 005.6 | | 228.3 | 000.0000 | -0034.0 | 018.9 | 06.55 |
| 115.0 | 000.1000 | -0014.0 | 005.6 | | 228.2 | 000.0000 | -0033.9 | 019.0 | 06.48 |
| 116.0 | 000.1000 | -0016.0 | 005.6 | | 228.1 | 000.0000 | -0033.8 | 019.1 | 06.41 |
| 117.0 | 000.1000 | -0017.9 | 005.6 | | 228.0 | 000.0000 | -0033.8 | 019.2 | 06.33 |
| 118.0 | 000.1000 | -0019.7 | 005.6 | | 227.9 | 000.0000 | -0033.8 | 019.3 | 06.26 |
| 119.0 | 000.1000 | -0021.0 | 005.6 | | 227.8 | 000.0000 | -0033.9 | 019.4 | 06.18 |
| 120.0 | 000.1000 | -0022.1 | 005.6 | | 227.7 | 000.0000 | -0034.0 | 019.4 | 06.11 |
| 121.0 | 000.1000 | -0023.9 | 005.6 | | 227.6 | 000.0000 | -0034.2 | 019.5 | 06.03 |