

KYRO (AM) 1280 kHz
Potosi, Missouri
Seeks: Change COL, Make Changes In Antenna System

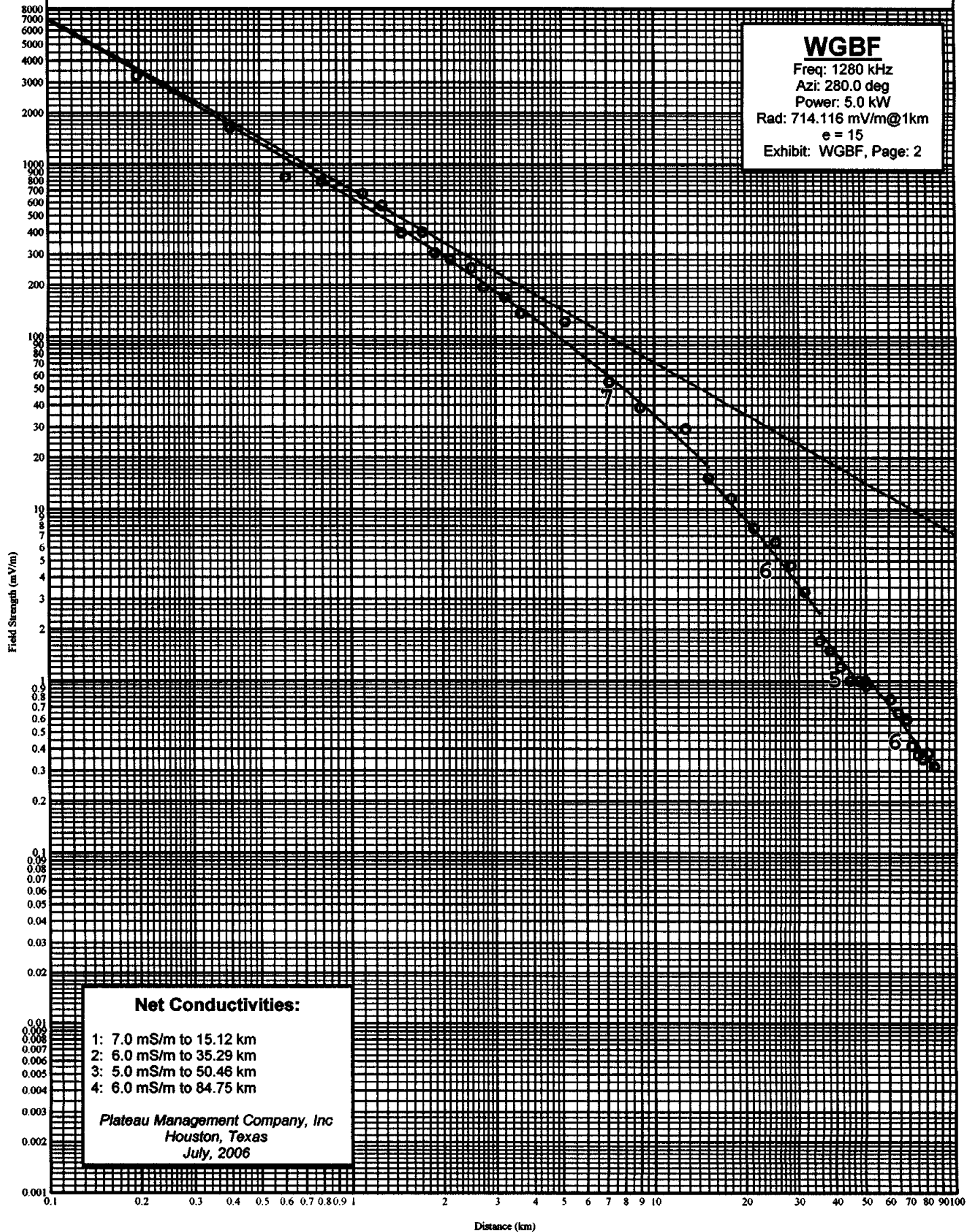
Page: WGBF, Page: 1

Measurements for 280.0 degrees
WGBF (AM) 1280 kHz, 5.0 kW, ND-D, Evansville, IN

| Point Number | Distance | | Field | Notes | Date | Time |
|-----------------|----------|-------|----------|-------|-----------|------|
| ----- | (km) | (mi) | (mV/m) | | | |
| 1 | 0.20 | 0.12 | 3257.000 | | 7/25/2006 | 1619 |
| 2 | 0.40 | 0.25 | 1625.000 | | 7/25/2006 | 1623 |
| 3 | 0.61 | 0.38 | 841.000 | | 7/25/2006 | 1628 |
| 4 | 0.80 | 0.50 | 793.000 | | 7/25/2006 | 1632 |
| 5 | 1.10 | 0.68 | 672.000 | | 7/25/2006 | 1639 |
| 6 | 1.27 | 0.79 | 571.000 | | 7/25/2006 | 1641 |
| 7 | 1.47 | 0.91 | 396.000 | | 7/25/2006 | 1646 |
| 8 | 1.73 | 1.07 | 401.000 | | 7/25/2006 | 1653 |
| 9 | 1.90 | 1.18 | 306.000 | | 7/25/2006 | 1659 |
| 10 | 2.14 | 1.33 | 278.000 | | 7/25/2006 | 1705 |
| 11 | 2.51 | 1.56 | 248.000 | | 7/25/2006 | 1713 |
| 12 | 2.74 | 1.70 | 192.000 | | 7/25/2006 | 1718 |
| 13 | 3.24 | 2.01 | 168.000 | | 7/25/2006 | 1724 |
| 14 | 3.64 | 2.26 | 136.000 | | 7/25/2006 | 1731 |
| 15 | 5.12 | 3.18 | 121.000 | | 7/26/2006 | 0841 |
| 16 | 7.15 | 4.44 | 54.500 | | 7/26/2006 | 0848 |
| 17 | 9.02 | 5.60 | 38.600 | | 7/26/2006 | 0853 |
| 18 | 12.73 | 7.91 | 29.100 | | 7/26/2006 | 0859 |
| 19 | 15.12 | 9.40 | 15.200 | | 7/26/2006 | 0906 |
| 20 | 18.07 | 11.23 | 11.500 | | 7/26/2006 | 0913 |
| 21 | 21.34 | 13.26 | 7.700 | | 7/26/2006 | 1104 |
| 22 | 25.16 | 15.63 | 6.400 | | 7/26/2006 | 1110 |
| 23 | 28.26 | 17.56 | 4.700 | | 7/26/2006 | 1119 |
| 24 | 31.52 | 19.59 | 3.300 | | 7/26/2006 | 1123 |
| 25 | 35.29 | 21.93 | 1.700 | | 7/26/2006 | 1134 |
| 26 | 38.24 | 23.76 | 1.500 | | 7/26/2006 | 1144 |
| 27 | 41.42 | 25.74 | 1.200 | | 7/26/2006 | 1156 |
| 28 | 44.35 | 27.56 | 1.000 | | 7/26/2006 | 1202 |
| 29 | 47.52 | 29.53 | 1.000 | | 7/26/2006 | 1209 |
| 30 | 50.00 | 31.07 | 1.000 | | 7/26/2006 | 1209 |
| 31 | 50.46 | 31.35 | 0.940 | | 7/26/2006 | 1228 |
| 32 | 50.46 | 31.35 | 0.940 | | 7/26/2006 | 1215 |
| 33 | 60.39 | 37.52 | 0.780 | | 7/26/2006 | 1235 |
| 34 | 64.21 | 39.90 | 0.650 | | 7/26/2006 | 1242 |
| 35 | 68.44 | 42.53 | 0.590 | | 7/26/2006 | 1248 |
| 36 | 71.27 | 44.29 | 0.420 | | 7/26/2006 | 1257 |
| 37 | 74.92 | 46.55 | 0.370 | | 7/26/2006 | 1305 |
| 38 | 77.67 | 48.26 | 0.350 | | 7/26/2006 | 1316 |
| 39 | 80.98 | 50.32 | 0.380 | | 7/26/2006 | 1322 |
| 40 | 84.75 | 52.66 | 0.320 | | 7/26/2006 | 1329 |

WGBF AM Measured Field Strength

1280 kHz, 5.0 kW, ND-Day, Evansville, IN
Shown With Matching Conductivity Curves



KYRO (AM) 1280 kHz

Potosi, Missouri

Seeks: Change COL, Make Changes In Antenna System ,

Page: WGBF, Page: 3

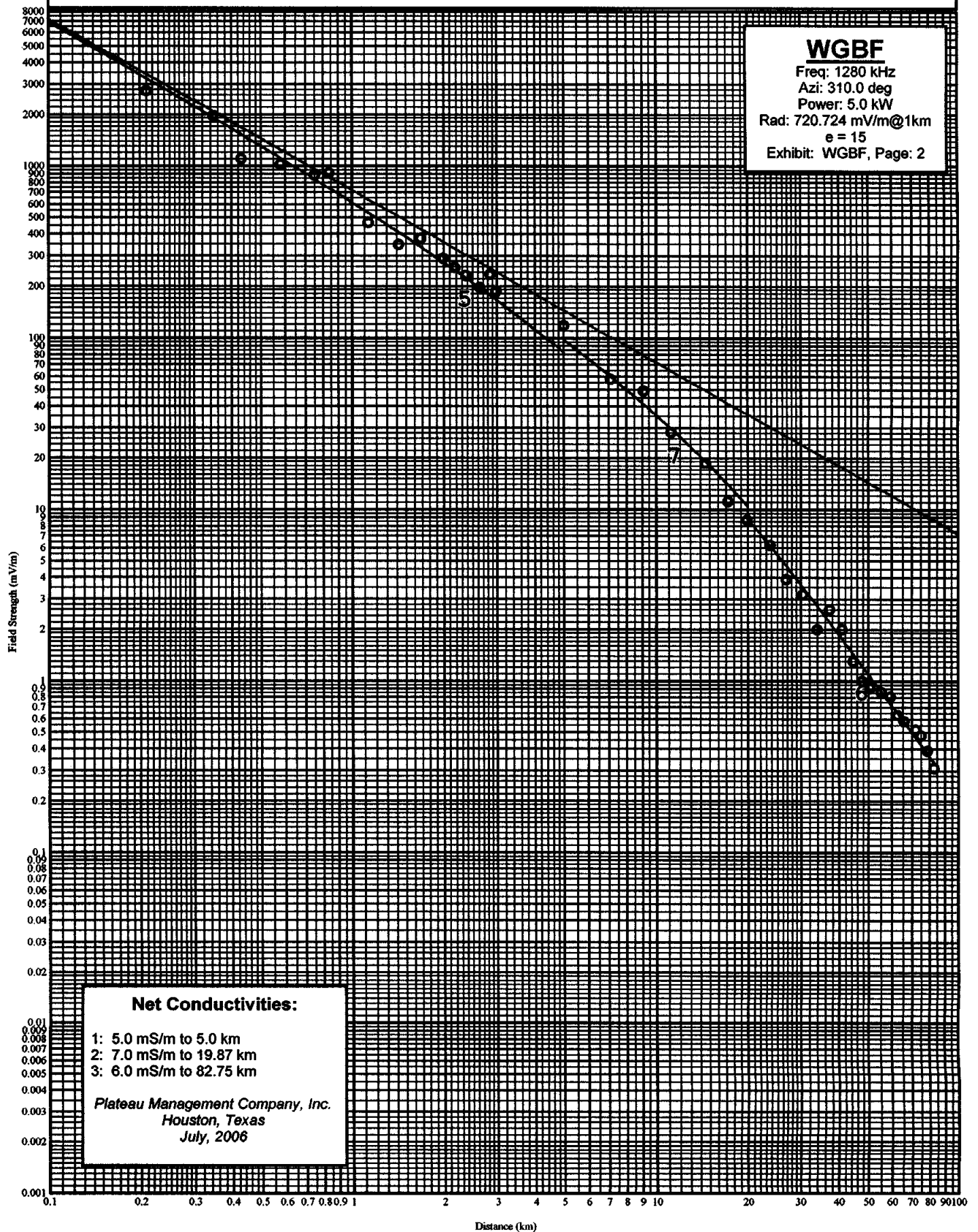
Measurements for 310.0 degrees

WGBF (AM) 1280 kHz, 5.0 kW, ND-D, Evansville, IN

| Point Number | Distance | | Field | Notes | Date | Time |
|-----------------|----------|-------|----------|-------|-----------|------|
| ----- | (km) | (mi) | (mV/m) | | | |
| 1 | 0.21 | 0.13 | 2731.000 | | 7/25/2006 | 0909 |
| 2 | 0.35 | 0.22 | 1950.000 | | 7/25/2006 | 0912 |
| 3 | 0.43 | 0.27 | 1104.000 | | 7/25/2006 | 0916 |
| 4 | 0.58 | 0.36 | 1016.000 | | 7/25/2006 | 0921 |
| 5 | 0.75 | 0.47 | 881.000 | | 7/25/2006 | 0925 |
| 6 | 0.84 | 0.52 | 908.000 | | 7/25/2006 | 0936 |
| 7 | 1.13 | 0.70 | 466.000 | | 7/25/2006 | 0936 |
| 8 | 1.42 | 0.88 | 348.000 | | 7/25/2006 | 0942 |
| 9 | 1.68 | 1.04 | 376.000 | | 7/25/2006 | 0948 |
| 10 | 1.99 | 1.24 | 289.000 | | 7/25/2006 | 0953 |
| 11 | 2.18 | 1.35 | 256.000 | | 7/25/2006 | 1001 |
| 12 | 2.38 | 1.48 | 230.000 | | 7/25/2006 | 1005 |
| 13 | 2.64 | 1.64 | 195.000 | | 7/25/2006 | 1009 |
| 14 | 2.85 | 1.77 | 233.000 | | 7/25/2006 | 1014 |
| 15 | 2.98 | 1.85 | 186.000 | | 7/25/2006 | 1018 |
| 16 | 5.00 | 3.11 | 118.000 | | 7/25/2006 | 1024 |
| 17 | 7.10 | 4.41 | 57.600 | | 7/25/2006 | 1030 |
| 18 | 9.10 | 5.65 | 49.300 | | 7/25/2006 | 1036 |
| 19 | 11.24 | 6.98 | 28.200 | | 7/25/2006 | 1043 |
| 20 | 14.56 | 9.05 | 18.500 | | 7/25/2006 | 1052 |
| 21 | 17.22 | 10.70 | 11.100 | | 7/25/2006 | 1101 |
| 22 | 19.87 | 12.35 | 8.700 | | 7/25/2006 | 1107 |
| 23 | 23.67 | 14.71 | 6.200 | | 7/25/2006 | 1115 |
| 24 | 26.88 | 16.70 | 3.900 | | 7/25/2006 | 1123 |
| 25 | 30.47 | 18.93 | 3.200 | | 7/25/2006 | 1132 |
| 26 | 33.86 | 21.04 | 2.000 | | 7/25/2006 | 1141 |
| 27 | 37.34 | 23.20 | 2.600 | | 7/25/2006 | 1150 |
| 28 | 41.00 | 25.48 | 2.000 | | 7/25/2006 | 1204 |
| 29 | 44.73 | 27.79 | 1.300 | | 7/25/2006 | 1212 |
| 30 | 47.92 | 29.78 | 1.000 | | 7/25/2006 | 1229 |
| 31 | 50.85 | 31.60 | 0.910 | | 7/25/2006 | 1237 |
| 32 | 55.21 | 34.31 | 0.860 | | 7/25/2006 | 1249 |
| 33 | 59.39 | 36.90 | 0.810 | | 7/25/2006 | 1256 |
| 34 | 62.51 | 38.84 | 0.630 | | 7/25/2006 | 1305 |
| 35 | 65.93 | 40.97 | 0.580 | | 7/25/2006 | 1349 |
| 36 | 71.84 | 44.64 | 0.520 | | 7/25/2006 | 1405 |
| 37 | 74.96 | 46.58 | 0.480 | | 7/25/2006 | 1411 |
| 38 | 78.87 | 49.01 | 0.390 | | 7/25/2006 | 1419 |
| 39 | 82.75 | 51.42 | 0.310 | | 7/25/2006 | 1428 |

WGBF AM Measured Field Strength

1280 kHz, 5.0 kW, ND-Day, Evansville, IN
Shown With Matching Conductivity Curves



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Page: WGBF, Page: 5

GROUND CONDUCTIVITY REPORT
WGBF (AM) 1280 kHz, 5.0 kW, ND-D, Evansville, IN

Lat : 37-59-45.0 N
Lon : 87-28-36.0 W
Radius : 300.0

* Includes measured conductivity data

| | | | | | | | | |
|----------|---------|------|---------|------|---------|------|---------|------|
| 195 deg: | 151.02, | 8.0 | 300.33, | 4.0 | | | | |
| 200 deg: | 156.08, | 8.0 | 299.59, | 4.0 | | | | |
| 205 deg: | 160.52, | 8.0 | 299.92, | 4.0 | | | | |
| 210 deg: | 161.62, | 8.0 | 299.59, | 4.0 | | | | |
| 215 deg: | 156.10, | 8.0 | 292.79, | 4.0 | 300.27, | 8.0 | | |
| 220 deg: | 152.08, | 8.0 | 257.59, | 4.0 | 300.01, | 8.0 | | |
| 225 deg: | 148.70, | 8.0 | 222.76, | 4.0 | 299.57, | 8.0 | | |
| 230 deg: | 147.61, | 8.0 | 194.47, | 4.0 | 300.16, | 8.0 | | |
| 235 deg: | 300.06, | 8.0 | | | | | | |
| 240 deg: | 300.40, | 8.0 | | | | | | |
| 245 deg: | 300.08, | 8.0 | | | | | | |
| 250 deg: | 299.59, | 8.0 | | | | | | |
| 255 deg: | 299.92, | 8.0 | | | | | | |
| 260 deg: | 299.84, | 8.0 | | | | | | |
| 265 deg: | 300.02, | 8.0 | | | | | | |
| 270 deg: | 15.12, | 7.0* | 35.29, | 6.0* | 50.46, | 5.0* | 84.75, | 6.0* |
| | 300.06, | 8.0 | | | | | | |
| 275 deg: | 15.12, | 7.0* | 35.29, | 6.0* | 50.46, | 5.0* | 84.75, | 6.0* |
| | 210.49, | 8.0 | 265.25, | 15.0 | 300.26, | 8.0 | | |
| 280 deg: | 15.12, | 7.0* | 35.29, | 6.0* | 50.46, | 5.0* | 84.75, | 6.0* |
| | 196.30, | 8.0 | 292.50, | 15.0 | 299.82, | 8.0 | | |
| 285 deg: | 15.12, | 7.0* | 35.29, | 6.0* | 50.46, | 5.0* | 84.75, | 6.0* |
| | 188.49, | 8.0 | 300.25, | 15.0 | | | | |
| 290 deg: | 15.12, | 7.0* | 35.29, | 6.0* | 50.46, | 5.0* | 84.75, | 6.0* |
| | 180.27, | 8.0 | 299.97, | 15.0 | | | | |
| 295 deg: | 174.87, | 8.0 | 299.63, | 15.0 | | | | |
| 300 deg: | 5.00, | 5.0* | 19.87, | 7.0* | 82.75, | 6.0* | 172.47, | 8.0 |
| | 300.31, | 15.0 | | | | | | |
| 305 deg: | 5.00, | 5.0* | 19.87, | 7.0* | 82.75, | 6.0* | 173.06, | 8.0 |
| | 299.95, | 15.0 | | | | | | |
| 310 deg: | 5.00, | 5.0* | 19.87, | 7.0* | 82.75, | 6.0* | 173.82, | 8.0 |
| | 300.23, | 15.0 | | | | | | |
| 315 deg: | 5.00, | 5.0* | 19.87, | 7.0* | 82.75, | 6.0* | 176.51, | 8.0 |
| | 300.01, | 15.0 | | | | | | |
| 320 deg: | 5.00, | 5.0* | 19.87, | 7.0* | 82.75, | 6.0* | 180.69, | 8.0 |
| | 300.00, | 15.0 | | | | | | |
| 325 deg: | 189.33, | 8.0 | 300.12, | 15.0 | | | | |
| 330 deg: | 200.50, | 8.0 | 299.54, | 15.0 | | | | |
| 335 deg: | 218.83, | 8.0 | 300.15, | 15.0 | | | | |
| 340 deg: | 241.63, | 8.0 | 300.01, | 15.0 | | | | |
| 345 deg: | 276.21, | 8.0 | 300.23, | 15.0 | | | | |
| 350 deg: | 299.79, | 8.0 | | | | | | |
| 355 deg: | 299.96, | 8.0 | | | | | | |