

Predicted Signal Contours:

37 09 04 - WRIC Ch 249A 97.7 Mhz  
81 53 56 - Richlands, VA Aug 2004

ERP = 1.35 kW, 1.303 dBk FM - 2-6 Tables 30 Sec  
Radial HAAT kW dBk Field 60 dBu.5 70 dBu.5

|           |        |       |       |       |      |      |
|-----------|--------|-------|-------|-------|------|------|
| 0 Degr.   | 219.6M | 1.350 | 1.303 | 1.000 | 28.8 | 16.5 |
| 10 Degr.  | 216.8M | 1.350 | 1.303 | 1.000 | 28.6 | 16.4 |
| 20 Degr.  | 277.0M | 1.350 | 1.303 | 1.000 | 32.2 | 18.7 |
| 30 Degr.  | 186.4M | 1.350 | 1.303 | 1.000 | 26.6 | 15.2 |
| 40 Degr.  | 213.1M | 1.350 | 1.303 | 1.000 | 28.3 | 16.3 |
| 50 Degr.  | 182.4M | 1.350 | 1.303 | 1.000 | 26.4 | 15.0 |
| 60 Degr.  | 114.4M | 1.350 | 1.303 | 1.000 | 21.5 | 11.8 |
| 70 Degr.  | 75.3M  | 1.350 | 1.303 | 1.000 | 17.2 | 9.7  |
| 80 Degr.  | 112.6M | 1.350 | 1.303 | 1.000 | 21.3 | 11.7 |
| 90 Degr.  | 123.1M | 1.350 | 1.303 | 1.000 | 22.2 | 12.2 |
| 100 Degr. | 137.2M | 1.350 | 1.303 | 1.000 | 23.2 | 12.9 |
| 110 Degr. | 166.6M | 1.350 | 1.303 | 1.000 | 25.3 | 14.3 |
| 120 Degr. | 208.0M | 1.350 | 1.303 | 1.000 | 28.0 | 16.0 |
| 130 Degr. | 212.0M | 1.350 | 1.303 | 1.000 | 28.3 | 16.2 |
| 140 Degr. | 210.3M | 1.350 | 1.303 | 1.000 | 28.2 | 16.1 |
| 150 Degr. | 232.9M | 1.350 | 1.303 | 1.000 | 29.6 | 17.0 |
| 160 Degr. | 232.7M | 1.350 | 1.303 | 1.000 | 29.6 | 17.0 |
| 170 Degr. | 212.7M | 1.350 | 1.303 | 1.000 | 28.3 | 16.2 |
| 180 Degr. | 218.9M | 1.350 | 1.303 | 1.000 | 28.7 | 16.5 |
| 190 Degr. | 232.6M | 1.350 | 1.303 | 1.000 | 29.6 | 17.0 |
| 200 Degr. | 212.2M | 1.350 | 1.303 | 1.000 | 28.3 | 16.2 |
| 210 Degr. | 200.6M | 1.350 | 1.303 | 1.000 | 27.5 | 15.7 |
| 220 Degr. | 189.5M | 1.350 | 1.303 | 1.000 | 26.8 | 15.3 |
| 230 Degr. | 143.2M | 1.350 | 1.303 | 1.000 | 23.7 | 13.2 |
| 240 Degr. | 172.0M | 1.350 | 1.303 | 1.000 | 25.7 | 14.6 |
| 250 Degr. | 192.6M | 1.350 | 1.303 | 1.000 | 27.0 | 15.4 |
| 260 Degr. | 264.3M | 1.350 | 1.303 | 1.000 | 31.5 | 18.2 |
| 270 Degr. | 259.7M | 1.350 | 1.303 | 1.000 | 31.2 | 18.0 |
| 280 Degr. | 306.7M | 1.350 | 1.303 | 1.000 | 33.9 | 19.6 |
| 290 Degr. | 304.8M | 1.350 | 1.303 | 1.000 | 33.8 | 19.6 |
| 300 Degr. | 317.9M | 1.350 | 1.303 | 1.000 | 34.5 | 20.0 |
| 310 Degr. | 356.5M | 1.350 | 1.303 | 1.000 | 36.5 | 21.1 |
| 320 Degr. | 302.8M | 1.350 | 1.303 | 1.000 | 33.7 | 19.5 |
| 330 Degr. | 313.6M | 1.350 | 1.303 | 1.000 | 34.3 | 19.9 |
| 340 Degr. | 266.8M | 1.350 | 1.303 | 1.000 | 31.7 | 18.3 |
| 350 Degr. | 264.4M | 1.350 | 1.303 | 1.000 | 31.5 | 18.2 |

|           |        |       |       |       |      |      |
|-----------|--------|-------|-------|-------|------|------|
| 0 Degr.   | 219.6M | 1.350 | 1.303 | 1.000 | 28.8 | 16.5 |
| 45 Degr.  | 188.7M | 1.350 | 1.303 | 1.000 | 26.8 | 15.3 |
| 90 Degr.  | 123.1M | 1.350 | 1.303 | 1.000 | 22.2 | 12.2 |
| 135 Degr. | 208.9M | 1.350 | 1.303 | 1.000 | 28.1 | 16.1 |
| 180 Degr. | 218.9M | 1.350 | 1.303 | 1.000 | 28.7 | 16.5 |
| 225 Degr. | 164.0M | 1.350 | 1.303 | 1.000 | 25.2 | 14.2 |
| 270 Degr. | 259.7M | 1.350 | 1.303 | 1.000 | 31.2 | 18.0 |
| 315 Degr. | 328.3M | 1.350 | 1.303 | 1.000 | 35.1 | 20.3 |

Ave. HAAT= 213.9M, Ant. COR= 907.0M AMSL