TABULATION OF PREDICTED INTERFERENCE ANALYSIS
WITH RESPECT TO WFID, RIO PIEDRAS, PR (CHANNEL 239B)
PROPOSED FM TRANSLATOR, CHANNEL 237, SAN JUAN, PR

| Depression Angle from Antenna | Distance from Base (m) | Elevation Pattern Relative Field | Direct Ray Distance (m) | Effective Radiated Power (kW) | Effective Radiated Power (dBk) | Distance to IX Contour (m)* | Height Above Receive Antenna (m)† |
|---|---|---|---|---|---|---|---|
| 85.0 | 1.8 | 0.001 | 21.1 | 0.0000 | -66.02 | 1.0 | 20.1 |
| 80.0 | 3.7 | 0.002 | 21.3 | 0.0000 | -60.00 | 1.0 | 20.3 |
| 75.0 | 5.6 | 0.007 | 21.7 | 0.0000 | -49.12 | 1.0 | 20.7 |
| 70.0 | 7.6 | 0.018 | 22.3 | 0.0001 | -40.92 | 1.0 | 21.3 |
| 65.0 | 9.8 | 0.037 | 23.2 | 0.0003 | -34.66 | 1.0 | 22.2 |
| 60.0 | 12.1 | 0.068 | 24.2 | 0.0012 | -29.37 | 1.0 | 23.2 |
| 55.0 | 14.7 | 0.112 | 25.6 | 0.0031 | -25.04 | 2.0 | 23.6 |
| 50.0 | 17.6 | 0.172 | 27.4 | 0.0074 | -21.31 | 3.0 | 24.4 |
| 45.0 | 21.0 | 0.240 | 29.7 | 0.0144 | -18.42 | 4.0 | 25.7 |
| 40.0 | 25.0 | 0.339 | 32.7 | 0.0287 | -15.42 | 6.0 | 26.7 |
| 35.0 | 30.0 | 0.442 | 36.6 | 0.0488 | -13.11 | 7.0 | 29.6 |
| 30.0 | 36.4 | 0.553 | 42.0 | 0.0765 | -11.17 | 9.0 | 33.0 |
| 25.0 | 45.0 | 0.665 | 49.7 | 0.1106 | -9.56 | 11.0 | 38.7 |
| 20.0 | 57.7 | 0.772 | 61.4 | 0.1490 | -8.27 | 13.0 | 48.4 |
| 15.0 | 78.4 | 0.865 | 81.1 | 0.1871 | -7.28 | 14.0 | 67.1 |
| 10.0 | 119.1 | 0.938 | 120.9 | 0.2200 | -6.58 | 15.0 | 105.9 |
| 5.0 | 240.0 | 0.984 | 240.9 | 0.2421 | -6.02 | 16.0 | 224.9 |

* The interfering contour is the 136.5 dBu contour.
† Positive figures indicate no contact of predicted contour with surface; and, thus, no interference predicted in accessible areas.