



W204CD Panama City, FL, Showing Protection to WAYP, Channel: 202
 Geographic Coordinates: N. 30 13 59 W. 85 35 10
 74.1204(d) Study - Using USGS 03 SEC Terrain Database
 Translator or LPFM Maximum Licensed ERP = 0.01 kW, Channel: 204
 Translator or LPFM Antenna Height AG = 60 meters
 W204CD Antenna Model = TFC1K

Protected Station's Contour = 72.36681 dBu
 Translator's or LPFM's full Interference contour 112.36681

Review Azimuth = 0 Degrees True
 Relative Field on the horizontal at Review Azimuth = 1.000
 Translator/LPFM ERP on the horizontal at Review Azimuth = 0.01 kW
 Distance between stations = 27.6 km
 Protected Station = WAYP, 70 kW, 139.4 M meters COR AMSL

| Depression Angle From Horiz. (Deg) | Vertical Relative Field | Horizontal Relative Field | ERP (kw) | Dist to IX Contour Along Dep. Angle (m) | Dist to IX Contour From Tower Base (m) | Height IX Above Ground (m) |
|--|-------------------------------|---------------------------------|----------|---|--|----------------------------------|
| 00.0 | 1.0 | 1.0 | 0.0100 | 053.4145 | 053.4145 | 060.000 |
| 05.0 | 0.993 | 1.0 | 0.0099 | 053.0406 | 052.8388 | 055.377 |
| 10.0 | 0.974 | 1.0 | 0.0095 | 052.0258 | 051.2354 | 050.966 |
| 15.0 | 0.941 | 1.0 | 0.0089 | 050.2631 | 048.5504 | 046.991 |
| 20.0 | 0.897 | 1.0 | 0.0080 | 047.9128 | 045.0233 | 043.613 |
| 25.0 | 0.843 | 1.0 | 0.0071 | 045.0285 | 040.8096 | 040.970 |
| 30.0 | 0.780 | 1.0 | 0.0061 | 041.6633 | 036.0815 | 039.168 |
| 35.0 | 0.709 | 1.0 | 0.0050 | 037.8709 | 031.0220 | 038.278 |
| 40.0 | 0.633 | 1.0 | 0.0040 | 033.8114 | 025.9010 | 038.266 |
| 45.0 | 0.554 | 1.0 | 0.0031 | 029.5917 | 020.9245 | 039.076 |
| 50.0 | 0.473 | 1.0 | 0.0022 | 025.2651 | 016.2401 | 040.646 |
| 55.0 | 0.394 | 1.0 | 0.0016 | 021.0453 | 012.0711 | 042.761 |
| 60.0 | 0.317 | 1.0 | 0.0010 | 016.9324 | 008.4662 | 045.336 |
| 65.0 | 0.245 | 1.0 | 0.0006 | 013.0866 | 005.5306 | 048.140 |
| 70.0 | 0.181 | 1.0 | 0.0003 | 009.6680 | 003.3067 | 050.915 |
| 75.0 | 0.124 | 1.0 | 0.0002 | 006.6234 | 001.7143 | 053.602 |
| 80.0 | 0.077 | 1.0 | 0.0001 | 004.1129 | 000.7142 | 055.950 |
| 85.0 | 0.041 | 1.0 | 0.0000 | 002.1900 | 000.1909 | 057.818 |
| 90.0 | 0.016 | 1.0 | 0.0000 | 000.8546 | 000.0000 | 059.145 |