

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 09-23-2003 Time: 17:25:45

Record Selected for Analysis

NEW.A USERRECORD-01 SAN JUAN PR US
 Channel 25 ERP 15.89 kW HAAT 30 m RCAMSL 00095 m
 Latitude 018-23-00 Longitude 0066-04-01
 Status APP Zone 1 Border Offset
 Dir Antenna Make usr Model USRPAT01 Beam tilt N Ref Azimuth 0.001
 Last update Cutoff date Docket
 Comments
 Applicant

Cell Size for Service Analysis 1.0 km/side

Distance Increments for Longley-Rice Analysis 0.10 km

Not full service station

Facility meets maximum power limit

Azimuth (Deg)	ERP (kW)	HAAT (m)	74.0 dBu F(50,50) (km)
0.0	15.890	91.7	15.5
45.0	10.581	92.7	14.0
90.0	4.859	59.3	9.4
135.0	0.801	33.0	4.4
180.0	1.648	33.0	5.3
225.0	0.801	33.0	4.4
270.0	4.859	54.2	9.0
315.0	10.580	88.3	13.6

Contour Overlap Evaluation from LPTV Station to Full Service TV & DTV

Station inside contour of station

WJPX 24 SAN JUAN PR BLCT 20000821ACE

Contour overlap to station

WQTO 25 PONCE PR BMPEDT 20011109ACR

D/U ratio at contour 3.29 dB

Offset Proposed Offset Protected Required D/U ratio: 21.0

Radial 0.0 degrees

Bearing to point on contour 280.0 degrees

D/U ratio at contour 3.08 dB

Radial 1.0 degrees

Bearing to point on contour 280.1 degrees

D/U ratio at contour 2.88 dB

Radial 2.0 degrees
Bearing to point on contour 280.2 degrees
D/U ratio at contour 2.67 dB
Radial 3.0 degrees
Bearing to point on contour 280.2 degrees
D/U ratio at contour 2.47 dB
Radial 4.0 degrees
Bearing to point on contour 280.3 degrees
D/U ratio at contour 2.26 dB
Radial 5.0 degrees
Bearing to point on contour 280.3 degrees
D/U ratio at contour 2.06 dB
Radial 6.0 degrees
Bearing to point on contour 280.3 degrees
D/U ratio at contour 1.84 dB
Radial 7.0 degrees
Bearing to point on contour 280.3 degrees
D/U ratio at contour 1.64 dB
Radial 8.0 degrees
Bearing to point on contour 280.4 degrees
D/U ratio at contour 1.43 dB
Radial 9.0 degrees
Bearing to point on contour 280.3 degrees
D/U ratio at contour 1.23 dB
Radial 10.0 degrees
Bearing to point on contour 280.3 degrees
D/U ratio at contour 1.02 dB
Radial 11.0 degrees
Bearing to point on contour 280.2 degrees
D/U ratio at contour 0.82 dB
Radial 12.0 degrees
Bearing to point on contour 280.1 degrees
D/U ratio at contour 0.60 dB
Radial 13.0 degrees
Bearing to point on contour 280.0 degrees
D/U ratio at contour 0.39 dB
Radial 14.0 degrees
Bearing to point on contour 279.8 degrees
D/U ratio at contour 0.16 dB
Radial 15.0 degrees
Bearing to point on contour 279.7 degrees
D/U ratio at contour -0.06 dB
Radial 16.0 degrees
Bearing to point on contour 279.5 degrees
D/U ratio at contour -0.29 dB
Radial 17.0 degrees
Bearing to point on contour 279.3 degrees
D/U ratio at contour -0.52 dB
Radial 18.0 degrees
Bearing to point on contour 279.1 degrees
D/U ratio at contour -0.76 dB
Radial 19.0 degrees
Bearing to point on contour 278.9 degrees
D/U ratio at contour -1.00 dB
Radial 20.0 degrees
Bearing to point on contour 278.6 degrees
D/U ratio at contour -1.22 dB

Radial 21.0 degrees
Bearing to point on contour 278.3 degrees
D/U ratio at contour -1.46 dB
Radial 22.0 degrees
Bearing to point on contour 278.0 degrees
D/U ratio at contour -1.69 dB
Radial 23.0 degrees
Bearing to point on contour 277.7 degrees
D/U ratio at contour -1.91 dB
Radial 24.0 degrees
Bearing to point on contour 277.4 degrees
D/U ratio at contour -2.15 dB
Radial 25.0 degrees
Bearing to point on contour 277.0 degrees
D/U ratio at contour -2.36 dB
Radial 26.0 degrees
Bearing to point on contour 276.6 degrees
D/U ratio at contour -2.57 dB
Radial 27.0 degrees
Bearing to point on contour 276.2 degrees
D/U ratio at contour -2.77 dB
Radial 28.0 degrees
Bearing to point on contour 275.7 degrees
D/U ratio at contour -2.98 dB
Radial 29.0 degrees
Bearing to point on contour 275.3 degrees
D/U ratio at contour -3.17 dB
Radial 30.0 degrees
Bearing to point on contour 274.8 degrees
D/U ratio at contour -3.39 dB
Radial 31.0 degrees
Bearing to point on contour 274.4 degrees
D/U ratio at contour -3.61 dB
Radial 32.0 degrees
Bearing to point on contour 273.9 degrees
D/U ratio at contour -3.83 dB
Radial 33.0 degrees
Bearing to point on contour 273.5 degrees
D/U ratio at contour -4.04 dB
Radial 34.0 degrees
Bearing to point on contour 273.0 degrees
D/U ratio at contour -4.25 dB
Radial 35.0 degrees
Bearing to point on contour 272.6 degrees
D/U ratio at contour -4.45 dB
Radial 36.0 degrees
Bearing to point on contour 272.1 degrees
D/U ratio at contour -4.64 dB
Radial 37.0 degrees
Bearing to point on contour 271.5 degrees
D/U ratio at contour -4.83 dB
Radial 38.0 degrees
Bearing to point on contour 270.9 degrees
D/U ratio at contour -5.01 dB
Radial 39.0 degrees
Bearing to point on contour 270.3 degrees
D/U ratio at contour -5.19 dB

Radial 40.0 degrees
Bearing to point on contour 269.7 degrees
D/U ratio at contour -5.45 dB
Radial 41.0 degrees
Bearing to point on contour 269.2 degrees
D/U ratio at contour -5.73 dB
Radial 42.0 degrees
Bearing to point on contour 268.7 degrees
D/U ratio at contour -5.99 dB
Radial 43.0 degrees
Bearing to point on contour 268.2 degrees
D/U ratio at contour -6.24 dB
Radial 44.0 degrees
Bearing to point on contour 267.6 degrees
D/U ratio at contour -6.48 dB
Radial 45.0 degrees
Bearing to point on contour 267.0 degrees
D/U ratio at contour -8.06 dB
Radial 46.0 degrees
Bearing to point on contour 268.6 degrees
D/U ratio at contour -10.13 dB
Radial 47.0 degrees
Bearing to point on contour 271.0 degrees
D/U ratio at contour -11.93 dB
Radial 48.0 degrees
Bearing to point on contour 272.9 degrees
D/U ratio at contour -13.31 dB
Radial 49.0 degrees
Bearing to point on contour 273.8 degrees
D/U ratio at contour -14.65 dB
Radial 50.0 degrees
Bearing to point on contour 274.7 degrees
D/U ratio at contour -16.03 dB
Radial 51.0 degrees
Bearing to point on contour 275.5 degrees
D/U ratio at contour -17.40 dB
Radial 52.0 degrees
Bearing to point on contour 276.2 degrees
D/U ratio at contour -18.68 dB
Radial 53.0 degrees
Bearing to point on contour 276.5 degrees
D/U ratio at contour -19.89 dB
Radial 54.0 degrees
Bearing to point on contour 276.7 degrees
D/U ratio at contour -21.00 dB
Radial 55.0 degrees
Bearing to point on contour 276.4 degrees
D/U ratio at contour -22.02 dB
Radial 56.0 degrees
Bearing to point on contour 275.9 degrees
D/U ratio at contour -23.00 dB
Radial 57.0 degrees
Bearing to point on contour 275.1 degrees
D/U ratio at contour -23.98 dB
Radial 58.0 degrees
Bearing to point on contour 274.0 degrees
D/U ratio at contour -24.85 dB

Radial 59.0 degrees
Bearing to point on contour 272.6 degrees
D/U ratio at contour -26.17 dB
Radial 60.0 degrees
Bearing to point on contour 270.4 degrees
D/U ratio at contour -27.61 dB
Radial 61.0 degrees
Bearing to point on contour 267.6 degrees
D/U ratio at contour -28.96 dB
Radial 62.0 degrees
Bearing to point on contour 263.8 degrees
D/U ratio at contour -30.03 dB
Radial 63.0 degrees
Bearing to point on contour 258.7 degrees
D/U ratio at contour -30.54 dB
Radial 64.0 degrees
Bearing to point on contour 252.0 degrees
D/U ratio at contour -30.03 dB
Radial 65.0 degrees
Bearing to point on contour 243.1 degrees
D/U ratio at contour -27.70 dB
Radial 66.0 degrees
Bearing to point on contour 231.4 degrees
D/U ratio at contour -26.50 dB
Radial 67.0 degrees
Bearing to point on contour 217.6 degrees
D/U ratio at contour -27.77 dB
Radial 68.0 degrees
Bearing to point on contour 203.3 degrees
D/U ratio at contour -28.13 dB
Radial 69.0 degrees
Bearing to point on contour 190.4 degrees
D/U ratio at contour -26.52 dB
Radial 70.0 degrees
Bearing to point on contour 179.6 degrees
D/U ratio at contour -23.83 dB
Radial 71.0 degrees
Bearing to point on contour 171.1 degrees
D/U ratio at contour -20.71 dB
Radial 72.0 degrees
Bearing to point on contour 164.5 degrees
D/U ratio at contour -17.57 dB
Radial 73.0 degrees
Bearing to point on contour 159.1 degrees
D/U ratio at contour -14.60 dB
Radial 74.0 degrees
Bearing to point on contour 154.7 degrees
D/U ratio at contour -11.94 dB
Radial 75.0 degrees
Bearing to point on contour 151.1 degrees
D/U ratio at contour -10.31 dB
Radial 76.0 degrees
Bearing to point on contour 148.4 degrees
D/U ratio at contour -8.83 dB
Radial 77.0 degrees
Bearing to point on contour 146.2 degrees
D/U ratio at contour -7.34 dB

Radial 78.0 degrees
Bearing to point on contour 144.5 degrees
D/U ratio at contour -5.94 dB
Radial 79.0 degrees
Bearing to point on contour 143.3 degrees
D/U ratio at contour -4.59 dB
Radial 80.0 degrees
Bearing to point on contour 142.5 degrees
D/U ratio at contour -3.37 dB
Radial 81.0 degrees
Bearing to point on contour 142.2 degrees
D/U ratio at contour -2.24 dB
Radial 82.0 degrees
Bearing to point on contour 142.3 degrees
D/U ratio at contour -1.20 dB
Radial 83.0 degrees
Bearing to point on contour 142.5 degrees
D/U ratio at contour -0.25 dB
Radial 84.0 degrees
Bearing to point on contour 142.9 degrees
D/U ratio at contour 0.61 dB
Radial 85.0 degrees
Bearing to point on contour 143.4 degrees
D/U ratio at contour 1.41 dB
Radial 86.0 degrees
Bearing to point on contour 144.0 degrees
D/U ratio at contour 2.19 dB
Radial 87.0 degrees
Bearing to point on contour 144.6 degrees
D/U ratio at contour 2.94 dB
Radial 88.0 degrees
Bearing to point on contour 145.3 degrees
D/U ratio at contour 3.67 dB
Radial 89.0 degrees
Bearing to point on contour 145.9 degrees
D/U ratio at contour 4.37 dB
Radial 90.0 degrees
Bearing to point on contour 146.4 degrees
D/U ratio at contour 4.92 dB
Radial 91.0 degrees
Bearing to point on contour 147.6 degrees
D/U ratio at contour 5.44 dB
Radial 92.0 degrees
Bearing to point on contour 148.7 degrees
D/U ratio at contour 5.94 dB
Radial 93.0 degrees
Bearing to point on contour 149.7 degrees
D/U ratio at contour 6.31 dB
Radial 94.0 degrees
Bearing to point on contour 150.8 degrees
D/U ratio at contour 6.63 dB
Radial 95.0 degrees
Bearing to point on contour 151.8 degrees
D/U ratio at contour 6.95 dB
Radial 96.0 degrees
Bearing to point on contour 152.7 degrees
D/U ratio at contour 7.28 dB

Radial 97.0 degrees
Bearing to point on contour 153.6 degrees
D/U ratio at contour 7.61 dB
Radial 98.0 degrees
Bearing to point on contour 154.6 degrees
D/U ratio at contour 7.94 dB
Radial 99.0 degrees
Bearing to point on contour 155.4 degrees
D/U ratio at contour 8.27 dB
Radial 100.0 degrees
Bearing to point on contour 156.3 degrees
D/U ratio at contour 8.56 dB
Radial 101.0 degrees
Bearing to point on contour 157.2 degrees
D/U ratio at contour 8.84 dB
Radial 102.0 degrees
Bearing to point on contour 158.1 degrees
D/U ratio at contour 9.09 dB
Radial 103.0 degrees
Bearing to point on contour 159.1 degrees
D/U ratio at contour 9.34 dB
Radial 104.0 degrees
Bearing to point on contour 160.0 degrees
D/U ratio at contour 9.57 dB
Radial 105.0 degrees
Bearing to point on contour 160.8 degrees
D/U ratio at contour 9.78 dB
Radial 106.0 degrees
Bearing to point on contour 161.7 degrees
D/U ratio at contour 9.96 dB
Radial 107.0 degrees
Bearing to point on contour 162.5 degrees
D/U ratio at contour 10.13 dB
Radial 108.0 degrees
Bearing to point on contour 163.4 degrees
D/U ratio at contour 10.31 dB
Radial 109.0 degrees
Bearing to point on contour 164.2 degrees
D/U ratio at contour 10.49 dB
Radial 110.0 degrees
Bearing to point on contour 165.0 degrees
D/U ratio at contour 10.65 dB
Radial 111.0 degrees
Bearing to point on contour 165.9 degrees
D/U ratio at contour 10.81 dB
Radial 112.0 degrees
Bearing to point on contour 166.7 degrees
D/U ratio at contour 10.97 dB
Radial 113.0 degrees
Bearing to point on contour 167.5 degrees
D/U ratio at contour 11.13 dB
Radial 114.0 degrees
Bearing to point on contour 168.4 degrees
D/U ratio at contour 11.29 dB
Radial 115.0 degrees
Bearing to point on contour 169.2 degrees
D/U ratio at contour 11.45 dB

Radial 116.0 degrees
Bearing to point on contour 170.0 degrees
D/U ratio at contour 11.66 dB
Radial 117.0 degrees
Bearing to point on contour 170.8 degrees
D/U ratio at contour 11.87 dB
Radial 118.0 degrees
Bearing to point on contour 171.7 degrees
D/U ratio at contour 12.08 dB
Radial 119.0 degrees
Bearing to point on contour 172.5 degrees
D/U ratio at contour 12.28 dB
Radial 120.0 degrees
Bearing to point on contour 173.3 degrees
D/U ratio at contour 12.48 dB
Radial 121.0 degrees
Bearing to point on contour 174.0 degrees
D/U ratio at contour 12.69 dB
Radial 122.0 degrees
Bearing to point on contour 174.8 degrees
D/U ratio at contour 12.89 dB
Radial 123.0 degrees
Bearing to point on contour 175.6 degrees
D/U ratio at contour 13.08 dB
Radial 124.0 degrees
Bearing to point on contour 176.4 degrees
D/U ratio at contour 13.28 dB
Radial 125.0 degrees
Bearing to point on contour 177.2 degrees
D/U ratio at contour 13.46 dB
Radial 126.0 degrees
Bearing to point on contour 178.0 degrees
D/U ratio at contour 13.65 dB
Radial 127.0 degrees
Bearing to point on contour 178.8 degrees
D/U ratio at contour 13.82 dB
Radial 128.0 degrees
Bearing to point on contour 179.6 degrees
D/U ratio at contour 14.03 dB
Radial 129.0 degrees
Bearing to point on contour 180.3 degrees
D/U ratio at contour 14.27 dB
Radial 130.0 degrees
Bearing to point on contour 181.1 degrees
D/U ratio at contour 14.53 dB
Radial 131.0 degrees
Bearing to point on contour 181.8 degrees
D/U ratio at contour 14.78 dB
Radial 132.0 degrees
Bearing to point on contour 182.5 degrees
D/U ratio at contour 15.02 dB
Radial 133.0 degrees
Bearing to point on contour 183.2 degrees
D/U ratio at contour 15.26 dB
Radial 134.0 degrees
Bearing to point on contour 183.9 degrees
D/U ratio at contour 15.49 dB

Radial 135.0 degrees
Bearing to point on contour 184.6 degrees
D/U ratio at contour 15.72 dB
Radial 136.0 degrees
Bearing to point on contour 185.3 degrees
D/U ratio at contour 15.94 dB
Radial 137.0 degrees
Bearing to point on contour 186.0 degrees
D/U ratio at contour 16.17 dB
Radial 138.0 degrees
Bearing to point on contour 186.7 degrees
D/U ratio at contour 16.38 dB
Radial 139.0 degrees
Bearing to point on contour 187.4 degrees
D/U ratio at contour 16.60 dB
Radial 140.0 degrees
Bearing to point on contour 188.1 degrees
D/U ratio at contour 16.85 dB
Radial 141.0 degrees
Bearing to point on contour 188.6 degrees
D/U ratio at contour 17.11 dB
Radial 142.0 degrees
Bearing to point on contour 189.2 degrees
D/U ratio at contour 17.36 dB
Radial 143.0 degrees
Bearing to point on contour 189.7 degrees
D/U ratio at contour 17.63 dB
Radial 144.0 degrees
Bearing to point on contour 190.3 degrees
D/U ratio at contour 17.92 dB
Radial 145.0 degrees
Bearing to point on contour 190.8 degrees
D/U ratio at contour 18.22 dB
Radial 146.0 degrees
Bearing to point on contour 191.3 degrees
D/U ratio at contour 18.50 dB
Radial 147.0 degrees
Bearing to point on contour 191.9 degrees
D/U ratio at contour 18.79 dB
Radial 148.0 degrees
Bearing to point on contour 192.4 degrees
D/U ratio at contour 19.08 dB
Radial 149.0 degrees
Bearing to point on contour 193.0 degrees
D/U ratio at contour 19.36 dB
Radial 150.0 degrees
Bearing to point on contour 193.5 degrees
D/U ratio at contour 19.67 dB
Radial 151.0 degrees
Bearing to point on contour 194.0 degrees
D/U ratio at contour 19.97 dB
Radial 152.0 degrees
Bearing to point on contour 194.4 degrees
D/U ratio at contour 20.28 dB
Radial 153.0 degrees
Bearing to point on contour 194.9 degrees
D/U ratio at contour 20.59 dB

Radial 154.0 degrees
Bearing to point on contour 195.4 degrees
D/U ratio at contour 20.89 dB
Radial 155.0 degrees
Bearing to point on contour 195.8 degrees
D/U ratio at contour 20.76 dB
Radial 283.0 degrees
Bearing to point on contour 264.8 degrees
D/U ratio at contour 20.39 dB
Radial 284.0 degrees
Bearing to point on contour 265.2 degrees
D/U ratio at contour 20.01 dB
Radial 285.0 degrees
Bearing to point on contour 265.6 degrees
D/U ratio at contour 19.63 dB
Radial 286.0 degrees
Bearing to point on contour 265.9 degrees
D/U ratio at contour 19.27 dB
Radial 287.0 degrees
Bearing to point on contour 266.3 degrees
D/U ratio at contour 18.91 dB
Radial 288.0 degrees
Bearing to point on contour 266.6 degrees
D/U ratio at contour 18.58 dB
Radial 289.0 degrees
Bearing to point on contour 267.0 degrees
D/U ratio at contour 18.28 dB
Radial 290.0 degrees
Bearing to point on contour 267.3 degrees
D/U ratio at contour 17.98 dB
Radial 291.0 degrees
Bearing to point on contour 267.6 degrees
D/U ratio at contour 17.70 dB
Radial 292.0 degrees
Bearing to point on contour 268.0 degrees
D/U ratio at contour 17.41 dB
Radial 293.0 degrees
Bearing to point on contour 268.3 degrees
D/U ratio at contour 17.14 dB
Radial 294.0 degrees
Bearing to point on contour 268.6 degrees
D/U ratio at contour 16.85 dB
Radial 295.0 degrees
Bearing to point on contour 268.9 degrees
D/U ratio at contour 16.57 dB
Radial 296.0 degrees
Bearing to point on contour 269.2 degrees
D/U ratio at contour 16.29 dB
Radial 297.0 degrees
Bearing to point on contour 269.5 degrees
D/U ratio at contour 16.02 dB
Radial 298.0 degrees
Bearing to point on contour 269.8 degrees
D/U ratio at contour 15.75 dB
Radial 299.0 degrees
Bearing to point on contour 270.1 degrees
D/U ratio at contour 15.47 dB

Radial 300.0 degrees
Bearing to point on contour 270.3 degrees
D/U ratio at contour 15.18 dB
Radial 301.0 degrees
Bearing to point on contour 270.6 degrees
D/U ratio at contour 14.90 dB
Radial 302.0 degrees
Bearing to point on contour 270.8 degrees
D/U ratio at contour 14.61 dB
Radial 303.0 degrees
Bearing to point on contour 271.0 degrees
D/U ratio at contour 14.32 dB
Radial 304.0 degrees
Bearing to point on contour 271.2 degrees
D/U ratio at contour 14.05 dB
Radial 305.0 degrees
Bearing to point on contour 271.3 degrees
D/U ratio at contour 13.76 dB
Radial 306.0 degrees
Bearing to point on contour 271.5 degrees
D/U ratio at contour 13.47 dB
Radial 307.0 degrees
Bearing to point on contour 271.6 degrees
D/U ratio at contour 13.16 dB
Radial 308.0 degrees
Bearing to point on contour 271.6 degrees
D/U ratio at contour 12.84 dB
Radial 309.0 degrees
Bearing to point on contour 271.5 degrees
D/U ratio at contour 12.51 dB
Radial 310.0 degrees
Bearing to point on contour 271.4 degrees
D/U ratio at contour 12.19 dB
Radial 311.0 degrees
Bearing to point on contour 271.3 degrees
D/U ratio at contour 11.86 dB
Radial 312.0 degrees
Bearing to point on contour 271.1 degrees
D/U ratio at contour 11.47 dB
Radial 313.0 degrees
Bearing to point on contour 270.6 degrees
D/U ratio at contour 11.03 dB
Radial 314.0 degrees
Bearing to point on contour 269.7 degrees
D/U ratio at contour 10.67 dB
Radial 315.0 degrees
Bearing to point on contour 269.0 degrees
D/U ratio at contour 10.51 dB
Radial 316.0 degrees
Bearing to point on contour 269.2 degrees
D/U ratio at contour 10.35 dB
Radial 317.0 degrees
Bearing to point on contour 269.4 degrees
D/U ratio at contour 10.20 dB
Radial 318.0 degrees
Bearing to point on contour 269.6 degrees
D/U ratio at contour 10.04 dB

Radial 319.0 degrees
Bearing to point on contour 269.8 degrees
D/U ratio at contour 9.88 dB
Radial 320.0 degrees
Bearing to point on contour 270.0 degrees
D/U ratio at contour 9.73 dB
Radial 321.0 degrees
Bearing to point on contour 270.3 degrees
D/U ratio at contour 9.59 dB
Radial 322.0 degrees
Bearing to point on contour 270.5 degrees
D/U ratio at contour 9.44 dB
Radial 323.0 degrees
Bearing to point on contour 270.8 degrees
D/U ratio at contour 9.29 dB
Radial 324.0 degrees
Bearing to point on contour 271.1 degrees
D/U ratio at contour 9.14 dB
Radial 325.0 degrees
Bearing to point on contour 271.3 degrees
D/U ratio at contour 9.00 dB
Radial 326.0 degrees
Bearing to point on contour 271.6 degrees
D/U ratio at contour 8.85 dB
Radial 327.0 degrees
Bearing to point on contour 271.9 degrees
D/U ratio at contour 8.70 dB
Radial 328.0 degrees
Bearing to point on contour 272.1 degrees
D/U ratio at contour 8.54 dB
Radial 329.0 degrees
Bearing to point on contour 272.4 degrees
D/U ratio at contour 8.39 dB
Radial 330.0 degrees
Bearing to point on contour 272.6 degrees
D/U ratio at contour 8.24 dB
Radial 331.0 degrees
Bearing to point on contour 273.0 degrees
D/U ratio at contour 8.09 dB
Radial 332.0 degrees
Bearing to point on contour 273.3 degrees
D/U ratio at contour 7.94 dB
Radial 333.0 degrees
Bearing to point on contour 273.6 degrees
D/U ratio at contour 7.79 dB
Radial 334.0 degrees
Bearing to point on contour 273.9 degrees
D/U ratio at contour 7.63 dB
Radial 335.0 degrees
Bearing to point on contour 274.2 degrees
D/U ratio at contour 7.47 dB
Radial 336.0 degrees
Bearing to point on contour 274.5 degrees
D/U ratio at contour 7.32 dB
Radial 337.0 degrees
Bearing to point on contour 274.8 degrees
D/U ratio at contour 7.16 dB

Radial 338.0 degrees
Bearing to point on contour 275.1 degrees
D/U ratio at contour 7.00 dB
Radial 339.0 degrees
Bearing to point on contour 275.4 degrees
D/U ratio at contour 6.84 dB
Radial 340.0 degrees
Bearing to point on contour 275.7 degrees
D/U ratio at contour 6.67 dB
Radial 341.0 degrees
Bearing to point on contour 276.0 degrees
D/U ratio at contour 6.51 dB
Radial 342.0 degrees
Bearing to point on contour 276.2 degrees
D/U ratio at contour 6.34 dB
Radial 343.0 degrees
Bearing to point on contour 276.5 degrees
D/U ratio at contour 6.18 dB
Radial 344.0 degrees
Bearing to point on contour 276.8 degrees
D/U ratio at contour 6.01 dB
Radial 345.0 degrees
Bearing to point on contour 277.0 degrees
D/U ratio at contour 5.84 dB
Radial 346.0 degrees
Bearing to point on contour 277.3 degrees
D/U ratio at contour 5.67 dB
Radial 347.0 degrees
Bearing to point on contour 277.6 degrees
D/U ratio at contour 5.50 dB
Radial 348.0 degrees
Bearing to point on contour 277.8 degrees
D/U ratio at contour 5.33 dB
Radial 349.0 degrees
Bearing to point on contour 278.1 degrees
D/U ratio at contour 5.16 dB
Radial 350.0 degrees
Bearing to point on contour 278.3 degrees
D/U ratio at contour 4.99 dB
Radial 351.0 degrees
Bearing to point on contour 278.5 degrees
D/U ratio at contour 4.82 dB
Radial 352.0 degrees
Bearing to point on contour 278.7 degrees
D/U ratio at contour 4.64 dB
Radial 353.0 degrees
Bearing to point on contour 278.9 degrees
D/U ratio at contour 4.46 dB
Radial 354.0 degrees
Bearing to point on contour 279.1 degrees
D/U ratio at contour 4.27 dB
Radial 355.0 degrees
Bearing to point on contour 279.3 degrees
D/U ratio at contour 4.08 dB
Radial 356.0 degrees
Bearing to point on contour 279.4 degrees
D/U ratio at contour 3.89 dB

Radial 357.0 degrees
Bearing to point on contour 279.6 degrees
D/U ratio at contour 3.69 dB
Radial 358.0 degrees
Bearing to point on contour 279.7 degrees
D/U ratio at contour 3.49 dB
Radial 359.0 degrees
Bearing to point on contour 279.9 degrees

Contour Overlap Evaluation from LPTV to Full Service TV & DTV Complete

Contour Overlap Evaluation from LPTV Station to LPTV Stations

No Spacing violations or contour overlap from LPTV station

Contour Overlap Evaluation from LPTV to LPTV Stations Complete

Contour Overlap to Proposed Station

Contour Overlap Evaluation to Proposed Station Complete

Proposed facility OK to FCC Monitoring Stations

Proposed facility OK toward West Virginia quite zone

Proposed facility OK toward Table Mountain

Proposed facility is beyond the Canadian coordination distance

Proposed facility is beyond the Mexican coordination distance

Proposed station is 0.00km from AM station
SAN JUAN PR WUNO Status: L Antenna: ND1
Proposed station is 0.00km from AM station
SAN JUAN PR WUNO Status: L Antenna: ND1
Proposed station is 0.00km from AM station
SAN JUAN PR WUNO Status: Antenna: ND2

Start of Interference Analysis

Channel	Proposed Station Call	City/State	ARN
25	NEW.A	SAN JUAN PR	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
24	WJPX	SAN JUAN PR	25.3	LIC	BLCT	-20000821ACE
25	WQTO	PONCE PR	79.5	CP MOD	BMPEDT	-20011109ACR

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Analysis of Interference to Affected Station 1

NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
24	WSJNTV	SAN JUAN PR	DTVPLN	-NPLN1223

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
16	WMTJ-DT	FAJARDO PR	7.1	PLN	DTVPLN	-DTVP0239
16	WTRA	MAYAGUEZ PR	139.8	PLN	DTVPLN	-NPLN0965
17	WVEO-DT	AGUADILLA PR	139.8	PLN	DTVPLN	-DTVP0278
17	WVXF	CHARLOTTE AMALIE VI	96.1	PLN	DTVPLN	-NPLN1006
20	WSVI-DT	CHRISTIANSTED VI	125.8	PLN	DTVPLN	-DTVP0423
21	WSJN-DT	SAN JUAN PR	0.0	PLN	DTVPLN	-DTVP0454
22	WNJXTV	MAYAGUEZ PR	120.7	PLN	DTVPLN	-NPLN1155
23	WNJX-DT	MAYAGUEZ PR	120.7	PLN	DTVPLN	-DTVP0540
25	WQTO-DT	PONCE PR	97.0	PLN	DTVPLN	-DTVP0616
26	WQTO	PONCE PR	97.0	PLN	DTVPLN	-NPLN1290
27	WAPA-DT	SAN JUAN PR	28.0	PLN	DTVPLN	-DTVP0687
27	NEW	CHRISTIANSTED VI	132.9	PLN	DTVPLN	-NPLN1321
28	WKAQ-DT	SAN JUAN PR	27.9	PLN	DTVPLN	-DTVP0724
31	WRWR-DT	SAN JUAN PR	25.3	PLN	DTVPLN	-DTVP0839
32	WELU	AGUADILLA PR	140.6	PLN	DTVPLN	-NPLN1436
32	WSJU-DT	SAN JUAN PR	7.1	PLN	DTVPLN	-DTVP0879
38	WJWNTV	SAN SEBASTIAN PR	139.8	PLN	DTVPLN	-NPLN1550
39	WJWN-DT	SAN SEBASTIAN PR	139.8	PLN	DTVPLN	-DTVP1103

Results for: 24N PR SAN JUAN	DTVPLN	NPLN1223	PLN
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2859358	23508.2	
not affected by terrain losses	2466053	20472.0	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	26451	393.9	
lost to all IX	26451	393.9	

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
24	WJPX	SAN JUAN PR	BLCT	-20000821ACE

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
16	WMTJ-DT	FAJARDO PR	7.1	PLN	DTVPLN	-DTVP0239
16	WMTJ	FAJARDO PR	7.1	CP	BPEDT	-20000428ACK
16	920102KE	MAYAGUEZ PR	141.1	CP	BPCT	-19920102KE
17	WVEO	AGUADILLA PR	139.8	CP	BPCDT	-20000501AFS

17	WVEO-DT	AGUADILLA PR	139.8	PLN	DTVPLN	-DTVP0278
17	WVXF	CHARLOTTE AMALIE VI	96.1	CP MOD	BMPCT	-19990616LC
20	WSVI	CHRISTIANSTED VI	125.8	CP	BPCDT	-19991028AED
20	WSVI-DT	CHRISTIANSTED VI	125.8	PLN	DTVPLN	-DTVP0423
21	WJPX	SAN JUAN PR	0.0	CP MOD	BMPCDT	-20020228ABT
21	WSJN-DT	SAN JUAN PR	0.1	PLN	DTVPLN	-DTVP0454
22	WNJX-TV	MAYAGUEZ PR	120.1	CP MOD	BPCT	-20030306ABR
23	WNJX-TV	MAYAGUEZ PR	120.1	CP	BPCDT	-19991019ABA
23	WNJX-DT	MAYAGUEZ PR	120.7	PLN	DTVPLN	-DTVP0540
23	WCVI-TV	CHRISTIANSTED VI	132.9	CP MOD	BMPCDT	-20030121AAY
23	WCVI-DR	CHRISTIANSTED VI	133.0	GRANT	BPRM	-20020304ALU
25	WQTO	PONCE PR	97.1	CP MOD	BMPEDT	-20011109ACR
25	WQTO-DT	PONCE PR	97.0	PLN	DTVPLN	-DTVP0616
26	WQTO	PONCE PR	97.0	CP MOD	BMPET	-20001020AAJ
27	WAPA-TV	SAN JUAN PR	28.0	CP	BPCDT	-19991027ABH
27	WAPA-DT	SAN JUAN PR	28.0	PLN	DTVPLN	-DTVP0687
27	WCVI-TV	CHRISTIANSTED VI	132.9	LIC	BLCT	-20000310ACK
28	WKAQ-TV	SAN JUAN PR	27.8	LIC	BLCDT	-20020201AAG
28	WKAQ-DT	SAN JUAN PR	27.8	PLN	DTVPLN	-DTVP0724
31	WSJU-TV	SAN JUAN PR	25.3	CP	BPCDT	-19991122AAZ
31	WRWR-DT	SAN JUAN PR	25.3	PLN	DTVPLN	-DTVP0839
32	WELU	AGUADILLA PR	140.6	LIC	BLET	-19870112KG
32	WTCV	SAN JUAN PR	7.1	CP MOD	BMPCDT	-20030422AAU
32	WSJU-DT	SAN JUAN PR	7.1	PLN	DTVPLN	-DTVP0879
38	WJWN-TV	SAN SEBASTIAN PR	139.8	LIC	BLCT	-19860612KF
39	WJWN-TV	SAN SEBASTIAN PR	139.8	CP MOD	BMPCDT	-20020423AAB
39	WJWN-DT	SAN SEBASTIAN PR	139.8	PLN	DTVPLN	-DTVP1103
39	WCVI-TV	CHRISTIANSTED VI	132.9	GRANT	BPRM	-20021129AAP
39	WCVI-TV	CHRISTIANSTED VI	132.9	CP	BPCT	-20030508AAQ
25	NEW.A	SAN JUAN PR	25.3	APP	USERRECORD-01	

Total scenarios = 8

Result key: 1
Scenario 1 Affected station 1
Before Analysis

Results for: 24N PR SAN JUAN		BLCT	20000821ACE	LIC
		POPULATION	AREA (sq km)	
within Noise Limited Contour	2700666	18298.4		
not affected by terrain losses	2415898	15802.5		
lost to NTSC IX	0	0.0		
lost to additional IX by ATV	25175	108.3		
lost to all IX	25175	108.3		

Potential Interfering Stations Included in above Scenario 1

16A PR FAJARDO	DTVPLN	DTVP0239	PLN
23A PR MAYAGUEZ	BPCDT	19991019ABA	CP
25A PR PONCE	BMPEDT	20011109ACR	CP
27A PR SAN JUAN	BPCDT	19991027ABH	CP
28A PR SAN JUAN	BLCDT	20020201AAG	LIC

After Analysis

Results for: 24N PR SAN JUAN	BLCT	20000821ACE	LIC
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	POPULATION	AREA (sq km)
within Noise Limited Contour	2700666	18298.4
not affected by terrain losses	2415898	15802.5
lost to NTSC IX	510	2.0
lost to additional IX by ATV	25063	107.3
lost to all IX	25573	109.2

Potential Interfering Stations Included in above Scenario 1

16A PR FAJARDO	DTVPLN	DTVP0239	PLN
23A PR MAYAGUEZ	BPCDT	19991019ABA	CP
25A PR PONCE	BMPEDT	20011109ACR	CP
27A PR SAN JUAN	BPCDT	19991027ABH	CP
28A PR SAN JUAN	BLCDT	20020201AAG	LIC
25N PR SAN JUAN	USERRECORD01		APP

Result key: 2
 Scenario 2 Affected station 1
 Before Analysis

Results for: 24N PR SAN JUAN BLCT 20000821ACE LIC

	POPULATION	AREA (sq km)
within Noise Limited Contour	2700666	18298.4
not affected by terrain losses	2415898	15802.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	25938	115.2
lost to all IX	25938	115.2

Potential Interfering Stations Included in above Scenario 2

16A PR FAJARDO	DTVPLN	DTVP0239	PLN
23A PR MAYAGUEZ	BPCDT	19991019ABA	CP
25A PR PONCE	BMPEDT	20011109ACR	CP
27A PR SAN JUAN	BPCDT	19991027ABH	CP
28A PR SAN JUAN	DTVPLN	DTVP0724	PLN

After Analysis

Results for: 24N PR SAN JUAN BLCT 20000821ACE LIC

	POPULATION	AREA (sq km)
within Noise Limited Contour	2700666	18298.4
not affected by terrain losses	2415898	15802.5
lost to NTSC IX	510	2.0
lost to additional IX by ATV	25826	114.2
lost to all IX	26336	116.1

Potential Interfering Stations Included in above Scenario 2

16A PR FAJARDO	DTVPLN	DTVP0239	PLN
23A PR MAYAGUEZ	BPCDT	19991019ABA	CP
25A PR PONCE	BMPEDT	20011109ACR	CP
27A PR SAN JUAN	BPCDT	19991027ABH	CP
28A PR SAN JUAN	DTVPLN	DTVP0724	PLN
25N PR SAN JUAN	USERRECORD01		APP

Result key: 3
 Scenario 3 Affected station 1

Before Analysis

Results for: 24N PR SAN JUAN	BLCT	20000821ACE	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2700666	18298.4	
not affected by terrain losses	2415898	15802.5	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	25175	108.3	
lost to all IX	25175	108.3	

Potential Interfering Stations Included in above Scenario 3

16A PR FAJARDO	DTVPLN	DTVP0239	PLN
23A PR MAYAGUEZ	BPCDT	19991019ABA	CP
25A PR PONCE	BMPEDT	20011109ACR	CP
27A PR SAN JUAN	DTVPLN	DTVP0687	PLN
28A PR SAN JUAN	BLCDDT	20020201AAG	LIC

After Analysis

Results for: 24N PR SAN JUAN	BLCT	20000821ACE	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2700666	18298.4	
not affected by terrain losses	2415898	15802.5	
lost to NTSC IX	510	2.0	
lost to additional IX by ATV	25063	107.3	
lost to all IX	25573	109.2	

Potential Interfering Stations Included in above Scenario 3

16A PR FAJARDO	DTVPLN	DTVP0239	PLN
23A PR MAYAGUEZ	BPCDT	19991019ABA	CP
25A PR PONCE	BMPEDT	20011109ACR	CP
27A PR SAN JUAN	DTVPLN	DTVP0687	PLN
28A PR SAN JUAN	BLCDDT	20020201AAG	LIC
25N PR SAN JUAN	USERRECORD01		APP

Result key: 4
Scenario 4 Affected station 1
Before Analysis

Results for: 24N PR SAN JUAN	BLCT	20000821ACE	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2700666	18298.4	
not affected by terrain losses	2415898	15802.5	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	25938	115.2	
lost to all IX	25938	115.2	

Potential Interfering Stations Included in above Scenario 4

16A PR FAJARDO	DTVPLN	DTVP0239	PLN
23A PR MAYAGUEZ	BPCDT	19991019ABA	CP
25A PR PONCE	BMPEDT	20011109ACR	CP
27A PR SAN JUAN	DTVPLN	DTVP0687	PLN
28A PR SAN JUAN	DTVPLN	DTVP0724	PLN

After Analysis

Results for: 24N PR SAN JUAN	BLCT	20000821ACE	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2700666	18298.4	
not affected by terrain losses	2415898	15802.5	
lost to NTSC IX	510	2.0	
lost to additional IX by ATV	25826	114.2	
lost to all IX	26336	116.1	

Potential Interfering Stations Included in above Scenario 4

16A PR FAJARDO	DTVPLN	DTVP0239	PLN
23A PR MAYAGUEZ	BPCDT	19991019ABA	CP
25A PR PONCE	BMPEDT	20011109ACR	CP
27A PR SAN JUAN	DTVPLN	DTVP0687	PLN
28A PR SAN JUAN	DTVPLN	DTVP0724	PLN
25N PR SAN JUAN	USERRECORD01		APP

Result key: 5
 Scenario 5 Affected station 1
 Before Analysis

Results for: 24N PR SAN JUAN	BLCT	20000821ACE	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2700666	18298.4	
not affected by terrain losses	2415898	15802.5	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	25175	108.3	
lost to all IX	25175	108.3	

Potential Interfering Stations Included in above Scenario 5

16A PR FAJARDO	DTVPLN	DTVP0239	PLN
23A PR MAYAGUEZ	BPCDT	19991019ABA	CP
25A PR PONCE	BMPEDT	20011109ACR	CP
27A PR SAN JUAN	BPCDT	19991027ABH	CP
28A PR SAN JUAN	BLCDDT	20020201AAG	LIC

After Analysis

Results for: 24N PR SAN JUAN	BLCT	20000821ACE	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2700666	18298.4	
not affected by terrain losses	2415898	15802.5	
lost to NTSC IX	510	2.0	
lost to additional IX by ATV	25063	107.3	
lost to all IX	25573	109.2	

Potential Interfering Stations Included in above Scenario 5

16A PR FAJARDO	DTVPLN	DTVP0239	PLN
23A PR MAYAGUEZ	BPCDT	19991019ABA	CP
25A PR PONCE	BMPEDT	20011109ACR	CP
27A PR SAN JUAN	BPCDT	19991027ABH	CP
28A PR SAN JUAN	BLCDDT	20020201AAG	LIC
25N PR SAN JUAN	USERRECORD01		APP

Result key: 6
 Scenario 6 Affected station 1
 Before Analysis

Results for: 24N PR SAN JUAN	BLCT	20000821ACE	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2700666	18298.4	
not affected by terrain losses	2415898	15802.5	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	25938	115.2	
lost to all IX	25938	115.2	

Potential Interfering Stations Included in above Scenario 6

16A PR FAJARDO	DTVPLN	DTVP0239	PLN
23A PR MAYAGUEZ	BPCDT	19991019ABA	CP
25A PR PONCE	BMPEDT	20011109ACR	CP
27A PR SAN JUAN	BPCDT	19991027ABH	CP
28A PR SAN JUAN	DTVPLN	DTVP0724	PLN

After Analysis

Results for: 24N PR SAN JUAN	BLCT	20000821ACE	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2700666	18298.4	
not affected by terrain losses	2415898	15802.5	
lost to NTSC IX	510	2.0	
lost to additional IX by ATV	25826	114.2	
lost to all IX	26336	116.1	

Potential Interfering Stations Included in above Scenario 6

16A PR FAJARDO	DTVPLN	DTVP0239	PLN
23A PR MAYAGUEZ	BPCDT	19991019ABA	CP
25A PR PONCE	BMPEDT	20011109ACR	CP
27A PR SAN JUAN	BPCDT	19991027ABH	CP
28A PR SAN JUAN	DTVPLN	DTVP0724	PLN
25N PR SAN JUAN	USERRECORD01		APP

Result key: 7
 Scenario 7 Affected station 1
 Before Analysis

Results for: 24N PR SAN JUAN	BLCT	20000821ACE	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2700666	18298.4	
not affected by terrain losses	2415898	15802.5	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	25175	108.3	
lost to all IX	25175	108.3	

Potential Interfering Stations Included in above Scenario 7

16A PR FAJARDO	DTVPLN	DTVP0239	PLN
23A PR MAYAGUEZ	BPCDT	19991019ABA	CP
25A PR PONCE	BMPEDT	20011109ACR	CP

27A PR SAN JUAN	DTVPLN	DTVP0687	PLN
28A PR SAN JUAN	BLCDT	20020201AAG	LIC

After Analysis

Results for: 24N PR SAN JUAN	BLCT	20000821ACE	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2700666	18298.4	
not affected by terrain losses	2415898	15802.5	
lost to NTSC IX	510	2.0	
lost to additional IX by ATV	25063	107.3	
lost to all IX	25573	109.2	

Potential Interfering Stations Included in above Scenario 7

16A PR FAJARDO	DTVPLN	DTVP0239	PLN
23A PR MAYAGUEZ	BPCDT	19991019ABA	CP
25A PR PONCE	BMPEDT	20011109ACR	CP
27A PR SAN JUAN	DTVPLN	DTVP0687	PLN
28A PR SAN JUAN	BLCDT	20020201AAG	LIC
25N PR SAN JUAN	USERRECORD01		APP

Result key: 8
Scenario 8 Affected station 1
Before Analysis

Results for: 24N PR SAN JUAN	BLCT	20000821ACE	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2700666	18298.4	
not affected by terrain losses	2415898	15802.5	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	25938	115.2	
lost to all IX	25938	115.2	

Potential Interfering Stations Included in above Scenario 8

16A PR FAJARDO	DTVPLN	DTVP0239	PLN
23A PR MAYAGUEZ	BPCDT	19991019ABA	CP
25A PR PONCE	BMPEDT	20011109ACR	CP
27A PR SAN JUAN	DTVPLN	DTVP0687	PLN
28A PR SAN JUAN	DTVPLN	DTVP0724	PLN

After Analysis

Results for: 24N PR SAN JUAN	BLCT	20000821ACE	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2700666	18298.4	
not affected by terrain losses	2415898	15802.5	
lost to NTSC IX	510	2.0	
lost to additional IX by ATV	25826	114.2	
lost to all IX	26336	116.1	

Potential Interfering Stations Included in above Scenario 8

16A PR FAJARDO	DTVPLN	DTVP0239	PLN
23A PR MAYAGUEZ	BPCDT	19991019ABA	CP
25A PR PONCE	BMPEDT	20011109ACR	CP

27A PR SAN JUAN	DTVPLN	DTVP0687	PLN
28A PR SAN JUAN	DTVPLN	DTVP0724	PLN
25N PR SAN JUAN	USERRECORD01		APP

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Analysis of Interference to Affected Station 2

DTV Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
25	WQTO-DT	PONCE PR	DTVPLN	-DTVP0616

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
24	WSJNTV	SAN JUAN PR	97.0	PLN	DTVPLN	-NPLN1223
26	WQTO	PONCE PR	0.0	PLN	DTVPLN	-NPLN1290

Results for: 25A PR PONCE DTVPLN DTVP0616 PLN
 HAAT 302.0 m, ATV ERP 50.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1006322	10608.6
not affected by terrain losses	862259	10191.1
lost to NTSC IX	167	1.0
lost to additional IX by ATV	0	0.0
lost to ATV IX only	0	0.0
lost to all IX	167	1.0

NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
26	WQTO	PONCE PR	DTVPLN	-NPLN1290

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
18	WSJU	SAN JUAN PR	103.9	PLN	DTVPLN	-NPLN1029
19	WKPV-DT	PONCE PR	0.1	PLN	DTVPLN	-DTVP0369
23	WNJX-DT	MAYAGUEZ PR	26.6	PLN	DTVPLN	-DTVP0540
24	WSJNTV	SAN JUAN PR	97.0	PLN	DTVPLN	-NPLN1223
25	WQTO-DT	PONCE PR	0.0	PLN	DTVPLN	-DTVP0616
27	WAPA-DT	SAN JUAN PR	73.7	PLN	DTVPLN	-DTVP0687
28	WKAQ-DT	SAN JUAN PR	73.6	PLN	DTVPLN	-DTVP0724
29	WORA-DT	MAYAGUEZ PR	26.6	PLN	DTVPLN	-DTVP0763
30	WRWRTV	SAN JUAN PR	72.5	PLN	DTVPLN	-NPLN1390
33	WPRV-DT	FAJARDO PR	103.9	PLN	DTVPLN	-DTVP0916
34	WELU-DT	AGUADILLA PR	52.9	PLN	DTVPLN	-DTVP0954
34	WRUA	FAJARDO PR	103.9	PLN	DTVPLN	-NPLN1482
40	WMTJ	FAJARDO PR	103.9	PLN	DTVPLN	-NPLN1594
41	WIRS-DT	YAUCO PR	20.7	PLN	DTVPLN	-DTVP1172

Results for: 26N PR PONCE DTVPLN NPLN1290 PLN

	POPULATION	AREA (sq km)
within Noise Limited Contour	1006322	10608.6
not affected by terrain losses	798956	9951.3
lost to NTSC IX	3463	3.0

lost to additional IX by ATV	33828	137.2
lost to all IX	37291	140.2

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
25	WQTO	PONCE PR	BMPEDT	-20011109ACR

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
24	WJPX	SAN JUAN PR	97.1	LIC	BLCT	-20000821ACE
26	WQTO	PONCE PR	0.1	CP MOD	BMPET	-20001020AAJ
25	NEW.A	SAN JUAN PR	79.5	APP	USERRECORD-01	

Total scenarios = 2

Result key: 9
Scenario 1 Affected station 2
Before Analysis

Results for: 25A PR PONCE BMPEDT 20011109ACR CP
HAAT 310.0 m, ATV ERP 200.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2190082	21076.2
not affected by terrain losses	1598413	19555.8
lost to NTSC IX	1860	3.0
lost to additional IX by ATV	0	0.0
lost to ATV IX only	0	0.0
lost to all IX	1860	3.0

Potential Interfering Stations Included in above Scenario 1

24N PR SAN JUAN	BLCT	20000821ACE	LIC
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After Analysis

Results for: 25A PR PONCE BMPEDT 20011109ACR CP
HAAT 310.0 m, ATV ERP 200.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2190082	21076.2
not affected by terrain losses	1598413	19555.8
lost to NTSC IX	4503	14.8
lost to additional IX by ATV	0	0.0
lost to ATV IX only	0	0.0
lost to all IX	4503	14.8

Potential Interfering Stations Included in above Scenario 1

24N PR SAN JUAN	BLCT	20000821ACE	LIC
25N PR SAN JUAN	USERRECORD01		APP

Result key: 10
Scenario 2 Affected station 2
Before Analysis

Results for: 25A PR PONCE BMPEDT 20011109ACR CP

HAAT 310.0 m, ATV ERP 200.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2190082	21076.2
not affected by terrain losses	1598413	19555.8
lost to NTSC IX	1860	3.0
lost to additional IX by ATV	0	0.0
lost to ATV IX only	0	0.0
lost to all IX	1860	3.0

Potential Interfering Stations Included in above Scenario 2

24N PR SAN JUAN BLCT 20000821ACE LIC

After Analysis

Results for: 25A PR PONCE BMPEDT 20011109ACR CP

HAAT 310.0 m, ATV ERP 200.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2190082	21076.2
not affected by terrain losses	1598413	19555.8
lost to NTSC IX	4503	14.8
lost to additional IX by ATV	0	0.0
lost to ATV IX only	0	0.0
lost to all IX	4503	14.8

Potential Interfering Stations Included in above Scenario 2

24N PR SAN JUAN BLCT 20000821ACE LIC

25N PR SAN JUAN USERRECORD01 APP

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Analysis of Interference to Affected Station 3

Analysis of current record

Channel	Call	City/State	Application Ref. No.
25	NEW.A	SAN JUAN PR	USERRECORD-01

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
17	WVEO	AGUADILLA PR	117.5	CP	BPCDT -20000501AFS
17	WVEO-DT	AGUADILLA PR	117.5	PLN	DTVPLN -DTVP0278
18	WTCV	SAN JUAN PR	12.4	CP	BPCT -19971113KE
21	WJPX	SAN JUAN PR	25.3	CP MOD	BMPCDT -20020228ABT
21	WSJN-DT	SAN JUAN PR	25.3	PLN	DTVPLN -DTVP0454
23	WNJX-TV	MAYAGUEZ PR	100.1	CP	BPCDT -19991019ABA
23	WNJX-DT	MAYAGUEZ PR	100.7	PLN	DTVPLN -DTVP0540
24	WJPX	SAN JUAN PR	25.3	LIC	BLCT -20000821ACE
25	WQTO	PONCE PR	79.5	CP MOD	BMPEDT -20011109ACR
25	WQTO-DT	PONCE PR	79.4	PLN	DTVPLN -DTVP0616
26	WQTO	PONCE PR	79.4	CP MOD	BMPET -20001020AAJ
27	WAPA-TV	SAN JUAN PR	30.2	CP	BPCDT -19991027ABH
27	WAPA-DT	SAN JUAN PR	30.2	PLN	DTVPLN -DTVP0687
28	WKAQ-TV	SAN JUAN PR	29.8	LIC	BLCDDT -20020201AAG

28	WKAQ-DT	SAN JUAN PR	29.9	PLN	DTVPLN	-DTVP0724
29	WORA-TV	MAYAGUEZ PR	100.7	CP	BPCDT	-19991101ABW
29	WORA-DT	MAYAGUEZ PR	100.7	PLN	DTVPLN	-DTVP0763
32	WTCV	SAN JUAN PR	29.9	CP MOD	BMPCDT	-20030422AAU
32	WSJU-DT	SAN JUAN PR	29.9	PLN	DTVPLN	-DTVP0879
33	WPRV-DT	FAJARDO PR	29.9	PLN	DTVPLN	-DTVP0916
33	WPRV-TV	FAJARDO PR	29.9	CP	BPCDT	-19991101AGY
39	WJWN-TV	SAN SEBASTIAN PR	117.5	CP MOD	BMPCDT	-20020423AAB
39	WJWN-DT	SAN SEBASTIAN PR	117.5	PLN	DTVPLN	-DTVP1103
40	WMTJ	FAJARDO PR	29.9	LIC	BLET	-19970826KH

Total scenarios = 1

Result key: 11
 Scenario 1 Affected station 3
 Before Analysis

Results for: 25N PR SAN JUAN	USERRECORD01	APP
	POPULATION	AREA (sq km)
within Noise Limited Contour	724055	381.8
not affected by terrain losses	716800	378.8
lost to NTSC IX	252148	200.7
lost to additional IX by ATV	0	0.0
lost to all IX	252148	200.7

Potential Interfering Stations Included in above Scenario 1

18N PR SAN JUAN	BPCT	19971113KE	CP
24N PR SAN JUAN	BLCT	20000821ACE	LIC
40N PR FAJARDO	BLET	19970826KH	LIC

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