

# TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 06-23-2003 Time: 08:50:24

Record Selected for Analysis

K06FT BMJPTT -20000829AQQ PENASCO NM US  
 Channel 18 ERP 11.5 kW HAAT 01100 m RCAMSL 03316 m  
 Latitude 036-14-50 Longitude 0105-39-15  
 Status APP Zone Border Offset +  
 Dir Antenna Make CDB Model 00000000016352 Beam tilt N Ref Azimuth 310.0  
 Last update 00000000 Cutoff date 20000831 Docket  
 Comments  
 Applicant PENASCO SOCIAL ACTION COMMITTEE

Cell Size for Service Analysis 2.0 km/side

Distance Increments for Longley-Rice Analysis 1.00 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	0.201	1036.1	14.9
45.0	0.102	879.7	11.1
90.0	2.749	657.7	26.3
135.0	3.708	588.7	27.0
180.0	0.095	818.0	10.4
225.0	0.099	991.7	11.4
270.0	4.040	927.9	32.8
315.0	3.802	1043.9	33.7

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

Contour overlap to station

KWBQ 19 SANTA FE NM BPCT 20010322ABL

D/U ratio at contour -15.11 dB

Offset Proposed + Offset Protected - Required D/U ratio: -15.0

Radial 22.0 degrees

Bearing to point on contour 252.9 degrees

D/U ratio at contour -16.03 dB

Radial 23.0 degrees

Bearing to point on contour 250.3 degrees

D/U ratio at contour -16.88 dB

Radial 24.0 degrees

Bearing to point on contour 247.4 degrees

D/U ratio at contour -17.66 dB

Radial 25.0 degrees  
 Bearing to point on contour 244.2 degrees  
 D/U ratio at contour -18.34 dB  
 Radial 26.0 degrees  
 Bearing to point on contour 240.5 degrees  
 D/U ratio at contour -18.92 dB  
 Radial 27.0 degrees  
 Bearing to point on contour 236.4 degrees  
 D/U ratio at contour -19.38 dB  
 Radial 28.0 degrees  
 Bearing to point on contour 232.0 degrees  
 D/U ratio at contour -19.70 dB  
 Radial 29.0 degrees  
 Bearing to point on contour 227.1 degrees  
 D/U ratio at contour -19.77 dB  
 Radial 30.0 degrees  
 Bearing to point on contour 221.9 degrees  
 D/U ratio at contour -19.67 dB  
 Radial 31.0 degrees  
 Bearing to point on contour 216.5 degrees  
 D/U ratio at contour -19.42 dB  
 Radial 32.0 degrees  
 Bearing to point on contour 210.9 degrees  
 D/U ratio at contour -19.03 dB  
 Radial 33.0 degrees  
 Bearing to point on contour 205.4 degrees  
 D/U ratio at contour -18.50 dB  
 Radial 34.0 degrees  
 Bearing to point on contour 200.0 degrees  
 D/U ratio at contour -17.90 dB  
 Radial 35.0 degrees  
 Bearing to point on contour 194.9 degrees  
 D/U ratio at contour -17.14 dB  
 Radial 36.0 degrees  
 Bearing to point on contour 190.0 degrees  
 D/U ratio at contour -16.34 dB  
 Radial 37.0 degrees  
 Bearing to point on contour 185.6 degrees  
 D/U ratio at contour -15.43 dB  
 Radial 38.0 degrees  
 Bearing to point on contour 181.6 degrees

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

Contour Overlap Evaluation from LPTV Station to LPTV Stations

Contour overlap to station  
 K18DE 18 SOUTH FORK, ETC. CO BLTT 19940725JC  
 D/U ratio at contour 39.05 dB  
 Offset Proposed + Offset Protected N Required D/U ratio: 45.0  
 Radial 0.0 degrees  
 Bearing to point on contour 331.5 degrees  
 D/U ratio at contour 39.04 dB

Radial 1.0 degrees  
Bearing to point on contour 331.5 degrees  
D/U ratio at contour 39.03 dB  
Radial 2.0 degrees  
Bearing to point on contour 331.5 degrees  
D/U ratio at contour 39.02 dB  
Radial 3.0 degrees  
Bearing to point on contour 331.5 degrees  
D/U ratio at contour 39.01 dB  
Radial 4.0 degrees  
Bearing to point on contour 331.5 degrees  
D/U ratio at contour 39.00 dB  
Radial 5.0 degrees  
Bearing to point on contour 331.5 degrees  
D/U ratio at contour 39.00 dB  
Radial 6.0 degrees  
Bearing to point on contour 331.5 degrees  
D/U ratio at contour 38.99 dB  
Radial 7.0 degrees  
Bearing to point on contour 331.5 degrees  
D/U ratio at contour 38.98 dB  
Radial 8.0 degrees  
Bearing to point on contour 331.5 degrees  
D/U ratio at contour 38.97 dB  
Radial 9.0 degrees  
Bearing to point on contour 331.5 degrees  
D/U ratio at contour 38.96 dB  
Radial 10.0 degrees  
Bearing to point on contour 331.5 degrees  
D/U ratio at contour 38.95 dB  
Radial 11.0 degrees  
Bearing to point on contour 331.5 degrees  
D/U ratio at contour 38.93 dB  
Radial 12.0 degrees  
Bearing to point on contour 331.5 degrees  
D/U ratio at contour 39.42 dB  
Radial 13.0 degrees  
Bearing to point on contour 332.1 degrees  
D/U ratio at contour 39.37 dB  
Radial 14.0 degrees  
Bearing to point on contour 332.1 degrees  
D/U ratio at contour 39.32 dB  
Radial 15.0 degrees  
Bearing to point on contour 332.1 degrees  
D/U ratio at contour 39.27 dB  
Radial 16.0 degrees  
Bearing to point on contour 332.0 degrees  
D/U ratio at contour 39.23 dB  
Radial 17.0 degrees  
Bearing to point on contour 332.0 degrees  
D/U ratio at contour 39.18 dB  
Radial 18.0 degrees  
Bearing to point on contour 332.0 degrees  
D/U ratio at contour 39.14 dB  
Radial 19.0 degrees  
Bearing to point on contour 331.9 degrees  
D/U ratio at contour 39.10 dB

Radial 20.0 degrees  
Bearing to point on contour 331.9 degrees  
D/U ratio at contour 39.08 dB  
Radial 21.0 degrees  
Bearing to point on contour 331.9 degrees  
D/U ratio at contour 39.06 dB  
Radial 22.0 degrees  
Bearing to point on contour 331.9 degrees  
D/U ratio at contour 39.04 dB  
Radial 23.0 degrees  
Bearing to point on contour 331.8 degrees  
D/U ratio at contour 39.02 dB  
Radial 24.0 degrees  
Bearing to point on contour 331.8 degrees  
D/U ratio at contour 39.00 dB  
Radial 25.0 degrees  
Bearing to point on contour 331.8 degrees  
D/U ratio at contour 38.98 dB  
Radial 26.0 degrees  
Bearing to point on contour 331.8 degrees  
D/U ratio at contour 38.96 dB  
Radial 27.0 degrees  
Bearing to point on contour 331.8 degrees  
D/U ratio at contour 38.95 dB  
Radial 28.0 degrees  
Bearing to point on contour 331.8 degrees  
D/U ratio at contour 38.93 dB  
Radial 29.0 degrees  
Bearing to point on contour 331.8 degrees  
D/U ratio at contour 38.91 dB  
Radial 30.0 degrees  
Bearing to point on contour 331.7 degrees  
D/U ratio at contour 38.90 dB  
Radial 31.0 degrees  
Bearing to point on contour 331.7 degrees  
D/U ratio at contour 38.90 dB  
Radial 32.0 degrees  
Bearing to point on contour 331.7 degrees  
D/U ratio at contour 38.89 dB  
Radial 33.0 degrees  
Bearing to point on contour 331.7 degrees  
D/U ratio at contour 38.88 dB  
Radial 34.0 degrees  
Bearing to point on contour 331.7 degrees  
D/U ratio at contour 38.87 dB  
Radial 35.0 degrees  
Bearing to point on contour 331.7 degrees  
D/U ratio at contour 38.86 dB  
Radial 36.0 degrees  
Bearing to point on contour 331.7 degrees  
D/U ratio at contour 38.85 dB  
Radial 37.0 degrees  
Bearing to point on contour 331.7 degrees  
D/U ratio at contour 38.85 dB  
Radial 38.0 degrees  
Bearing to point on contour 331.7 degrees  
D/U ratio at contour 38.84 dB

Radial 39.0 degrees  
Bearing to point on contour 331.7 degrees  
D/U ratio at contour 38.83 dB  
Radial 40.0 degrees  
Bearing to point on contour 331.7 degrees  
D/U ratio at contour 38.82 dB  
Radial 41.0 degrees  
Bearing to point on contour 331.7 degrees  
D/U ratio at contour 38.82 dB  
Radial 42.0 degrees  
Bearing to point on contour 331.7 degrees  
D/U ratio at contour 38.81 dB  
Radial 43.0 degrees  
Bearing to point on contour 331.7 degrees  
D/U ratio at contour 38.80 dB  
Radial 44.0 degrees  
Bearing to point on contour 331.7 degrees  
D/U ratio at contour 38.80 dB  
Radial 45.0 degrees  
Bearing to point on contour 331.7 degrees  
D/U ratio at contour 38.79 dB  
Radial 46.0 degrees  
Bearing to point on contour 331.7 degrees  
D/U ratio at contour 38.79 dB  
Radial 47.0 degrees  
Bearing to point on contour 331.7 degrees  
D/U ratio at contour 38.78 dB  
Radial 48.0 degrees  
Bearing to point on contour 331.7 degrees  
D/U ratio at contour 38.77 dB  
Radial 49.0 degrees  
Bearing to point on contour 331.7 degrees  
D/U ratio at contour 38.76 dB  
Radial 50.0 degrees  
Bearing to point on contour 331.7 degrees  
D/U ratio at contour 38.76 dB  
Radial 51.0 degrees  
Bearing to point on contour 331.7 degrees  
D/U ratio at contour 38.75 dB  
Radial 52.0 degrees  
Bearing to point on contour 331.7 degrees  
D/U ratio at contour 38.74 dB  
Radial 53.0 degrees  
Bearing to point on contour 331.7 degrees  
D/U ratio at contour 38.73 dB  
Radial 54.0 degrees  
Bearing to point on contour 331.7 degrees  
D/U ratio at contour 38.73 dB  
Radial 55.0 degrees  
Bearing to point on contour 331.7 degrees  
D/U ratio at contour 38.72 dB  
Radial 56.0 degrees  
Bearing to point on contour 331.7 degrees  
D/U ratio at contour 38.72 dB  
Radial 57.0 degrees  
Bearing to point on contour 331.7 degrees  
D/U ratio at contour 38.71 dB

Radial 58.0 degrees  
Bearing to point on contour 331.6 degrees  
D/U ratio at contour 38.70 dB  
Radial 59.0 degrees  
Bearing to point on contour 331.6 degrees  
D/U ratio at contour 38.70 dB  
Radial 60.0 degrees  
Bearing to point on contour 331.6 degrees  
D/U ratio at contour 38.69 dB  
Radial 61.0 degrees  
Bearing to point on contour 331.6 degrees  
D/U ratio at contour 38.69 dB  
Radial 62.0 degrees  
Bearing to point on contour 331.6 degrees  
D/U ratio at contour 38.68 dB  
Radial 63.0 degrees  
Bearing to point on contour 331.6 degrees  
D/U ratio at contour 38.67 dB  
Radial 64.0 degrees  
Bearing to point on contour 331.6 degrees  
D/U ratio at contour 38.67 dB  
Radial 65.0 degrees  
Bearing to point on contour 331.5 degrees  
D/U ratio at contour 38.67 dB  
Radial 66.0 degrees  
Bearing to point on contour 331.5 degrees  
D/U ratio at contour 38.67 dB  
Radial 67.0 degrees  
Bearing to point on contour 331.5 degrees  
D/U ratio at contour 38.67 dB  
Radial 68.0 degrees  
Bearing to point on contour 331.5 degrees  
D/U ratio at contour 38.66 dB  
Radial 69.0 degrees  
Bearing to point on contour 331.5 degrees  
D/U ratio at contour 38.66 dB  
Radial 70.0 degrees  
Bearing to point on contour 331.5 degrees  
D/U ratio at contour 38.66 dB  
Radial 71.0 degrees  
Bearing to point on contour 331.4 degrees  
D/U ratio at contour 38.66 dB  
Radial 72.0 degrees  
Bearing to point on contour 331.4 degrees  
D/U ratio at contour 38.66 dB  
Radial 73.0 degrees  
Bearing to point on contour 331.4 degrees  
D/U ratio at contour 38.65 dB  
Radial 74.0 degrees  
Bearing to point on contour 331.4 degrees  
D/U ratio at contour 38.65 dB  
Radial 75.0 degrees  
Bearing to point on contour 331.4 degrees  
D/U ratio at contour 38.65 dB  
Radial 76.0 degrees  
Bearing to point on contour 331.4 degrees  
D/U ratio at contour 38.65 dB

Radial 77.0 degrees  
Bearing to point on contour 331.4 degrees  
D/U ratio at contour 38.65 dB  
Radial 78.0 degrees  
Bearing to point on contour 331.4 degrees  
D/U ratio at contour 38.65 dB  
Radial 79.0 degrees  
Bearing to point on contour 331.4 degrees  
D/U ratio at contour 38.65 dB  
Radial 80.0 degrees  
Bearing to point on contour 331.4 degrees  
D/U ratio at contour 38.65 dB  
Radial 81.0 degrees  
Bearing to point on contour 331.4 degrees  
D/U ratio at contour 38.65 dB  
Radial 82.0 degrees  
Bearing to point on contour 331.4 degrees  
D/U ratio at contour 38.64 dB  
Radial 83.0 degrees  
Bearing to point on contour 331.4 degrees  
D/U ratio at contour 38.64 dB  
Radial 84.0 degrees  
Bearing to point on contour 331.4 degrees  
D/U ratio at contour 38.64 dB  
Radial 85.0 degrees  
Bearing to point on contour 331.4 degrees  
D/U ratio at contour 38.64 dB  
Radial 86.0 degrees  
Bearing to point on contour 331.4 degrees  
D/U ratio at contour 38.64 dB  
Radial 87.0 degrees  
Bearing to point on contour 331.4 degrees  
D/U ratio at contour 38.64 dB  
Radial 88.0 degrees  
Bearing to point on contour 331.4 degrees  
D/U ratio at contour 38.63 dB  
Radial 89.0 degrees  
Bearing to point on contour 331.4 degrees  
D/U ratio at contour 38.63 dB  
Radial 90.0 degrees  
Bearing to point on contour 331.4 degrees  
D/U ratio at contour 38.62 dB  
Radial 91.0 degrees  
Bearing to point on contour 331.4 degrees  
D/U ratio at contour 38.62 dB  
Radial 92.0 degrees  
Bearing to point on contour 331.4 degrees  
D/U ratio at contour 38.62 dB  
Radial 93.0 degrees  
Bearing to point on contour 331.4 degrees  
D/U ratio at contour 38.62 dB  
Radial 94.0 degrees  
Bearing to point on contour 331.4 degrees  
D/U ratio at contour 38.61 dB  
Radial 95.0 degrees  
Bearing to point on contour 331.4 degrees  
D/U ratio at contour 38.61 dB

Radial 96.0 degrees  
Bearing to point on contour 331.4 degrees  
D/U ratio at contour 38.60 dB  
Radial 97.0 degrees  
Bearing to point on contour 331.4 degrees  
D/U ratio at contour 38.60 dB  
Radial 98.0 degrees  
Bearing to point on contour 331.4 degrees  
D/U ratio at contour 38.60 dB  
Radial 99.0 degrees  
Bearing to point on contour 331.4 degrees  
D/U ratio at contour 38.59 dB  
Radial 100.0 degrees  
Bearing to point on contour 331.4 degrees  
D/U ratio at contour 38.58 dB  
Radial 101.0 degrees  
Bearing to point on contour 331.4 degrees  
D/U ratio at contour 38.58 dB  
Radial 102.0 degrees  
Bearing to point on contour 331.4 degrees  
D/U ratio at contour 38.57 dB  
Radial 103.0 degrees  
Bearing to point on contour 331.4 degrees  
D/U ratio at contour 38.56 dB  
Radial 104.0 degrees  
Bearing to point on contour 331.4 degrees  
D/U ratio at contour 38.55 dB  
Radial 105.0 degrees  
Bearing to point on contour 331.4 degrees  
D/U ratio at contour 38.54 dB  
Radial 106.0 degrees  
Bearing to point on contour 331.4 degrees  
D/U ratio at contour 38.53 dB  
Radial 107.0 degrees  
Bearing to point on contour 331.4 degrees  
D/U ratio at contour 38.52 dB  
Radial 108.0 degrees  
Bearing to point on contour 331.4 degrees  
D/U ratio at contour 38.51 dB  
Radial 109.0 degrees  
Bearing to point on contour 331.4 degrees  
D/U ratio at contour 38.50 dB  
Radial 110.0 degrees  
Bearing to point on contour 331.5 degrees  
D/U ratio at contour 38.49 dB  
Radial 111.0 degrees  
Bearing to point on contour 331.5 degrees  
D/U ratio at contour 38.47 dB  
Radial 112.0 degrees  
Bearing to point on contour 331.5 degrees  
D/U ratio at contour 38.46 dB  
Radial 113.0 degrees  
Bearing to point on contour 331.5 degrees  
D/U ratio at contour 38.44 dB  
Radial 114.0 degrees  
Bearing to point on contour 331.5 degrees  
D/U ratio at contour 38.43 dB



Radial 115.0 degrees  
Bearing to point on contour 331.5 degrees  
D/U ratio at contour 38.41 dB  
Radial 116.0 degrees  
Bearing to point on contour 331.5 degrees  
D/U ratio at contour 38.40 dB  
Radial 117.0 degrees  
Bearing to point on contour 331.5 degrees  
D/U ratio at contour 38.38 dB  
Radial 118.0 degrees  
Bearing to point on contour 331.5 degrees  
D/U ratio at contour 38.37 dB  
Radial 119.0 degrees  
Bearing to point on contour 331.5 degrees  
D/U ratio at contour 38.36 dB  
Radial 120.0 degrees  
Bearing to point on contour 331.5 degrees  
D/U ratio at contour 38.34 dB  
Radial 121.0 degrees  
Bearing to point on contour 331.5 degrees  
D/U ratio at contour 38.34 dB  
Radial 122.0 degrees  
Bearing to point on contour 331.5 degrees  
D/U ratio at contour 38.33 dB  
Radial 123.0 degrees  
Bearing to point on contour 331.5 degrees  
D/U ratio at contour 38.32 dB  
Radial 124.0 degrees  
Bearing to point on contour 331.5 degrees  
D/U ratio at contour 38.31 dB  
Radial 125.0 degrees  
Bearing to point on contour 331.5 degrees  
D/U ratio at contour 38.31 dB  
Radial 126.0 degrees  
Bearing to point on contour 331.5 degrees  
D/U ratio at contour 38.29 dB  
Radial 127.0 degrees  
Bearing to point on contour 331.5 degrees  
D/U ratio at contour 38.29 dB  
Radial 128.0 degrees  
Bearing to point on contour 331.5 degrees  
D/U ratio at contour 38.29 dB  
Radial 129.0 degrees  
Bearing to point on contour 331.5 degrees  
D/U ratio at contour 38.27 dB  
Radial 130.0 degrees  
Bearing to point on contour 331.4 degrees  
D/U ratio at contour 38.27 dB  
Radial 131.0 degrees  
Bearing to point on contour 331.4 degrees  
D/U ratio at contour 38.26 dB  
Radial 132.0 degrees  
Bearing to point on contour 331.4 degrees  
D/U ratio at contour 38.25 dB  
Radial 133.0 degrees  
Bearing to point on contour 331.4 degrees  
D/U ratio at contour 38.24 dB

Radial 134.0 degrees  
Bearing to point on contour 331.4 degrees  
D/U ratio at contour 38.23 dB  
Radial 135.0 degrees  
Bearing to point on contour 331.4 degrees  
D/U ratio at contour 38.22 dB  
Radial 136.0 degrees  
Bearing to point on contour 331.4 degrees  
D/U ratio at contour 38.21 dB  
Radial 137.0 degrees  
Bearing to point on contour 331.4 degrees  
D/U ratio at contour 38.21 dB  
Radial 138.0 degrees  
Bearing to point on contour 331.4 degrees  
D/U ratio at contour 38.20 dB  
Radial 139.0 degrees  
Bearing to point on contour 331.4 degrees  
D/U ratio at contour 38.19 dB  
Radial 140.0 degrees  
Bearing to point on contour 331.4 degrees  
D/U ratio at contour 38.18 dB  
Radial 141.0 degrees  
Bearing to point on contour 331.3 degrees  
D/U ratio at contour 38.17 dB  
Radial 142.0 degrees  
Bearing to point on contour 331.3 degrees  
D/U ratio at contour 38.16 dB  
Radial 143.0 degrees  
Bearing to point on contour 331.3 degrees  
D/U ratio at contour 38.14 dB  
Radial 144.0 degrees  
Bearing to point on contour 331.3 degrees  
D/U ratio at contour 38.14 dB  
Radial 145.0 degrees  
Bearing to point on contour 331.3 degrees  
D/U ratio at contour 38.12 dB  
Radial 146.0 degrees  
Bearing to point on contour 331.3 degrees  
D/U ratio at contour 38.11 dB  
Radial 147.0 degrees  
Bearing to point on contour 331.3 degrees  
D/U ratio at contour 38.10 dB  
Radial 148.0 degrees  
Bearing to point on contour 331.3 degrees  
D/U ratio at contour 38.10 dB  
Radial 149.0 degrees  
Bearing to point on contour 331.2 degrees  
D/U ratio at contour 38.08 dB  
Radial 150.0 degrees  
Bearing to point on contour 331.2 degrees  
D/U ratio at contour 38.07 dB  
Radial 151.0 degrees  
Bearing to point on contour 331.2 degrees  
D/U ratio at contour 38.04 dB  
Radial 152.0 degrees  
Bearing to point on contour 331.2 degrees  
D/U ratio at contour 38.02 dB

Radial 153.0 degrees  
Bearing to point on contour 331.2 degrees  
D/U ratio at contour 38.00 dB  
Radial 154.0 degrees  
Bearing to point on contour 331.2 degrees  
D/U ratio at contour 37.98 dB  
Radial 155.0 degrees  
Bearing to point on contour 331.1 degrees  
D/U ratio at contour 37.96 dB  
Radial 156.0 degrees  
Bearing to point on contour 331.1 degrees  
D/U ratio at contour 37.94 dB  
Radial 157.0 degrees  
Bearing to point on contour 331.1 degrees  
D/U ratio at contour 37.92 dB  
Radial 158.0 degrees  
Bearing to point on contour 331.1 degrees  
D/U ratio at contour 37.90 dB  
Radial 159.0 degrees  
Bearing to point on contour 331.0 degrees  
D/U ratio at contour 37.88 dB  
Radial 160.0 degrees  
Bearing to point on contour 331.0 degrees  
D/U ratio at contour 37.84 dB  
Radial 161.0 degrees  
Bearing to point on contour 331.0 degrees  
D/U ratio at contour 37.81 dB  
Radial 162.0 degrees  
Bearing to point on contour 331.0 degrees  
D/U ratio at contour 37.78 dB  
Radial 163.0 degrees  
Bearing to point on contour 330.9 degrees  
D/U ratio at contour 37.75 dB  
Radial 164.0 degrees  
Bearing to point on contour 330.9 degrees  
D/U ratio at contour 38.37 dB  
Radial 165.0 degrees  
Bearing to point on contour 331.1 degrees  
D/U ratio at contour 38.36 dB  
Radial 166.0 degrees  
Bearing to point on contour 331.1 degrees  
D/U ratio at contour 38.35 dB  
Radial 167.0 degrees  
Bearing to point on contour 331.1 degrees  
D/U ratio at contour 38.35 dB  
Radial 168.0 degrees  
Bearing to point on contour 331.1 degrees  
D/U ratio at contour 38.34 dB  
Radial 169.0 degrees  
Bearing to point on contour 331.1 degrees  
D/U ratio at contour 38.34 dB  
Radial 170.0 degrees  
Bearing to point on contour 331.0 degrees  
D/U ratio at contour 38.33 dB  
Radial 171.0 degrees  
Bearing to point on contour 331.0 degrees  
D/U ratio at contour 38.33 dB

Radial 172.0 degrees  
Bearing to point on contour 331.0 degrees  
D/U ratio at contour 38.32 dB  
Radial 173.0 degrees  
Bearing to point on contour 331.0 degrees  
D/U ratio at contour 38.32 dB  
Radial 174.0 degrees  
Bearing to point on contour 331.0 degrees  
D/U ratio at contour 38.32 dB  
Radial 175.0 degrees  
Bearing to point on contour 331.0 degrees  
D/U ratio at contour 38.32 dB  
Radial 176.0 degrees  
Bearing to point on contour 331.0 degrees  
D/U ratio at contour 38.31 dB  
Radial 177.0 degrees  
Bearing to point on contour 331.0 degrees  
D/U ratio at contour 38.31 dB  
Radial 178.0 degrees  
Bearing to point on contour 330.9 degrees  
D/U ratio at contour 38.31 dB  
Radial 179.0 degrees  
Bearing to point on contour 330.9 degrees  
D/U ratio at contour 38.30 dB  
Radial 180.0 degrees  
Bearing to point on contour 330.9 degrees  
D/U ratio at contour 38.30 dB  
Radial 181.0 degrees  
Bearing to point on contour 330.9 degrees  
D/U ratio at contour 38.30 dB  
Radial 182.0 degrees  
Bearing to point on contour 330.9 degrees  
D/U ratio at contour 38.30 dB  
Radial 183.0 degrees  
Bearing to point on contour 330.9 degrees  
D/U ratio at contour 38.30 dB  
Radial 184.0 degrees  
Bearing to point on contour 330.9 degrees  
D/U ratio at contour 38.30 dB  
Radial 185.0 degrees  
Bearing to point on contour 330.8 degrees  
D/U ratio at contour 38.30 dB  
Radial 186.0 degrees  
Bearing to point on contour 330.8 degrees  
D/U ratio at contour 38.30 dB  
Radial 187.0 degrees  
Bearing to point on contour 330.8 degrees  
D/U ratio at contour 38.30 dB  
Radial 188.0 degrees  
Bearing to point on contour 330.8 degrees  
D/U ratio at contour 38.30 dB  
Radial 189.0 degrees  
Bearing to point on contour 330.8 degrees  
D/U ratio at contour 38.30 dB  
Radial 190.0 degrees  
Bearing to point on contour 330.8 degrees  
D/U ratio at contour 38.31 dB

Radial 191.0 degrees  
Bearing to point on contour 330.8 degrees  
D/U ratio at contour 38.30 dB  
Radial 192.0 degrees  
Bearing to point on contour 330.7 degrees  
D/U ratio at contour 38.31 dB  
Radial 193.0 degrees  
Bearing to point on contour 330.7 degrees  
D/U ratio at contour 38.31 dB  
Radial 194.0 degrees  
Bearing to point on contour 330.7 degrees  
D/U ratio at contour 38.32 dB  
Radial 195.0 degrees  
Bearing to point on contour 330.7 degrees  
D/U ratio at contour 38.32 dB  
Radial 196.0 degrees  
Bearing to point on contour 330.7 degrees  
D/U ratio at contour 38.32 dB  
Radial 197.0 degrees  
Bearing to point on contour 330.7 degrees  
D/U ratio at contour 38.32 dB  
Radial 198.0 degrees  
Bearing to point on contour 330.7 degrees  
D/U ratio at contour 38.33 dB  
Radial 199.0 degrees  
Bearing to point on contour 330.7 degrees  
D/U ratio at contour 38.33 dB  
Radial 200.0 degrees  
Bearing to point on contour 330.6 degrees  
D/U ratio at contour 38.34 dB  
Radial 201.0 degrees  
Bearing to point on contour 330.6 degrees  
D/U ratio at contour 38.35 dB  
Radial 202.0 degrees  
Bearing to point on contour 330.6 degrees  
D/U ratio at contour 38.35 dB  
Radial 203.0 degrees  
Bearing to point on contour 330.6 degrees  
D/U ratio at contour 38.36 dB  
Radial 204.0 degrees  
Bearing to point on contour 330.6 degrees  
D/U ratio at contour 38.36 dB  
Radial 205.0 degrees  
Bearing to point on contour 330.6 degrees  
D/U ratio at contour 38.37 dB  
Radial 206.0 degrees  
Bearing to point on contour 330.6 degrees  
D/U ratio at contour 38.38 dB  
Radial 207.0 degrees  
Bearing to point on contour 330.6 degrees  
D/U ratio at contour 38.38 dB  
Radial 208.0 degrees  
Bearing to point on contour 330.6 degrees  
D/U ratio at contour 38.38 dB  
Radial 209.0 degrees  
Bearing to point on contour 330.5 degrees  
D/U ratio at contour 38.39 dB

Radial 210.0 degrees  
Bearing to point on contour 330.5 degrees  
D/U ratio at contour 38.40 dB  
Radial 211.0 degrees  
Bearing to point on contour 330.5 degrees  
D/U ratio at contour 38.41 dB  
Radial 212.0 degrees  
Bearing to point on contour 330.5 degrees  
D/U ratio at contour 38.41 dB  
Radial 213.0 degrees  
Bearing to point on contour 330.5 degrees  
D/U ratio at contour 38.42 dB  
Radial 214.0 degrees  
Bearing to point on contour 330.5 degrees  
D/U ratio at contour 38.43 dB  
Radial 215.0 degrees  
Bearing to point on contour 330.5 degrees  
D/U ratio at contour 38.44 dB  
Radial 216.0 degrees  
Bearing to point on contour 330.5 degrees  
D/U ratio at contour 38.45 dB  
Radial 217.0 degrees  
Bearing to point on contour 330.5 degrees  
D/U ratio at contour 38.46 dB  
Radial 218.0 degrees  
Bearing to point on contour 330.5 degrees  
D/U ratio at contour 38.46 dB  
Radial 219.0 degrees  
Bearing to point on contour 330.5 degrees  
D/U ratio at contour 38.47 dB  
Radial 220.0 degrees  
Bearing to point on contour 330.5 degrees  
D/U ratio at contour 38.48 dB  
Radial 221.0 degrees  
Bearing to point on contour 330.5 degrees  
D/U ratio at contour 38.49 dB  
Radial 222.0 degrees  
Bearing to point on contour 330.4 degrees  
D/U ratio at contour 38.50 dB  
Radial 223.0 degrees  
Bearing to point on contour 330.4 degrees  
D/U ratio at contour 38.51 dB  
Radial 224.0 degrees  
Bearing to point on contour 330.4 degrees  
D/U ratio at contour 38.52 dB  
Radial 225.0 degrees  
Bearing to point on contour 330.4 degrees  
D/U ratio at contour 38.53 dB  
Radial 226.0 degrees  
Bearing to point on contour 330.4 degrees  
D/U ratio at contour 38.53 dB  
Radial 227.0 degrees  
Bearing to point on contour 330.4 degrees  
D/U ratio at contour 38.54 dB  
Radial 228.0 degrees  
Bearing to point on contour 330.4 degrees  
D/U ratio at contour 38.55 dB

Radial 229.0 degrees  
Bearing to point on contour 330.4 degrees  
D/U ratio at contour 38.56 dB  
Radial 230.0 degrees  
Bearing to point on contour 330.4 degrees  
D/U ratio at contour 38.57 dB  
Radial 231.0 degrees  
Bearing to point on contour 330.4 degrees  
D/U ratio at contour 38.58 dB  
Radial 232.0 degrees  
Bearing to point on contour 330.4 degrees  
D/U ratio at contour 38.59 dB  
Radial 233.0 degrees  
Bearing to point on contour 330.4 degrees  
D/U ratio at contour 38.60 dB  
Radial 234.0 degrees  
Bearing to point on contour 330.4 degrees  
D/U ratio at contour 38.61 dB  
Radial 235.0 degrees  
Bearing to point on contour 330.4 degrees  
D/U ratio at contour 38.62 dB  
Radial 236.0 degrees  
Bearing to point on contour 330.4 degrees  
D/U ratio at contour 38.63 dB  
Radial 237.0 degrees  
Bearing to point on contour 330.4 degrees  
D/U ratio at contour 38.64 dB  
Radial 238.0 degrees  
Bearing to point on contour 330.4 degrees  
D/U ratio at contour 38.65 dB  
Radial 239.0 degrees  
Bearing to point on contour 330.4 degrees  
D/U ratio at contour 38.66 dB  
Radial 240.0 degrees  
Bearing to point on contour 330.4 degrees  
D/U ratio at contour 38.67 dB  
Radial 241.0 degrees  
Bearing to point on contour 330.4 degrees  
D/U ratio at contour 38.68 dB  
Radial 242.0 degrees  
Bearing to point on contour 330.4 degrees  
D/U ratio at contour 38.69 dB  
Radial 243.0 degrees  
Bearing to point on contour 330.4 degrees  
D/U ratio at contour 38.70 dB  
Radial 244.0 degrees  
Bearing to point on contour 330.4 degrees  
D/U ratio at contour 38.71 dB  
Radial 245.0 degrees  
Bearing to point on contour 330.4 degrees  
D/U ratio at contour 38.72 dB  
Radial 246.0 degrees  
Bearing to point on contour 330.4 degrees  
D/U ratio at contour 38.73 dB  
Radial 247.0 degrees  
Bearing to point on contour 330.4 degrees  
D/U ratio at contour 38.74 dB

Radial 248.0 degrees  
Bearing to point on contour 330.4 degrees  
D/U ratio at contour 38.75 dB  
Radial 249.0 degrees  
Bearing to point on contour 330.4 degrees  
D/U ratio at contour 38.76 dB  
Radial 250.0 degrees  
Bearing to point on contour 330.4 degrees  
D/U ratio at contour 38.77 dB  
Radial 251.0 degrees  
Bearing to point on contour 330.4 degrees  
D/U ratio at contour 38.78 dB  
Radial 252.0 degrees  
Bearing to point on contour 330.4 degrees  
D/U ratio at contour 38.79 dB  
Radial 253.0 degrees  
Bearing to point on contour 330.4 degrees  
D/U ratio at contour 38.81 dB  
Radial 254.0 degrees  
Bearing to point on contour 330.4 degrees  
D/U ratio at contour 38.81 dB  
Radial 255.0 degrees  
Bearing to point on contour 330.4 degrees  
D/U ratio at contour 38.82 dB  
Radial 256.0 degrees  
Bearing to point on contour 330.4 degrees  
D/U ratio at contour 38.83 dB  
Radial 257.0 degrees  
Bearing to point on contour 330.4 degrees  
D/U ratio at contour 38.84 dB  
Radial 258.0 degrees  
Bearing to point on contour 330.4 degrees  
D/U ratio at contour 38.85 dB  
Radial 259.0 degrees  
Bearing to point on contour 330.4 degrees  
D/U ratio at contour 38.86 dB  
Radial 260.0 degrees  
Bearing to point on contour 330.4 degrees  
D/U ratio at contour 38.87 dB  
Radial 261.0 degrees  
Bearing to point on contour 330.4 degrees  
D/U ratio at contour 38.89 dB  
Radial 262.0 degrees  
Bearing to point on contour 330.4 degrees  
D/U ratio at contour 38.89 dB  
Radial 263.0 degrees  
Bearing to point on contour 330.4 degrees  
D/U ratio at contour 38.91 dB  
Radial 264.0 degrees  
Bearing to point on contour 330.4 degrees  
D/U ratio at contour 38.91 dB  
Radial 265.0 degrees  
Bearing to point on contour 330.4 degrees  
D/U ratio at contour 38.93 dB  
Radial 266.0 degrees  
Bearing to point on contour 330.4 degrees  
D/U ratio at contour 38.93 dB



Radial 267.0 degrees  
Bearing to point on contour 330.4 degrees  
D/U ratio at contour 38.94 dB  
Radial 268.0 degrees  
Bearing to point on contour 330.4 degrees  
D/U ratio at contour 38.95 dB  
Radial 269.0 degrees  
Bearing to point on contour 330.5 degrees  
D/U ratio at contour 38.96 dB  
Radial 270.0 degrees  
Bearing to point on contour 330.5 degrees  
D/U ratio at contour 38.97 dB  
Radial 271.0 degrees  
Bearing to point on contour 330.5 degrees  
D/U ratio at contour 38.98 dB  
Radial 272.0 degrees  
Bearing to point on contour 330.5 degrees  
D/U ratio at contour 38.99 dB  
Radial 273.0 degrees  
Bearing to point on contour 330.5 degrees  
D/U ratio at contour 39.00 dB  
Radial 274.0 degrees  
Bearing to point on contour 330.5 degrees  
D/U ratio at contour 39.01 dB  
Radial 275.0 degrees  
Bearing to point on contour 330.5 degrees  
D/U ratio at contour 39.01 dB  
Radial 276.0 degrees  
Bearing to point on contour 330.5 degrees  
D/U ratio at contour 39.02 dB  
Radial 277.0 degrees  
Bearing to point on contour 330.5 degrees  
D/U ratio at contour 39.03 dB  
Radial 278.0 degrees  
Bearing to point on contour 330.5 degrees  
D/U ratio at contour 39.04 dB  
Radial 279.0 degrees  
Bearing to point on contour 330.5 degrees  
D/U ratio at contour 39.05 dB  
Radial 280.0 degrees  
Bearing to point on contour 330.6 degrees  
D/U ratio at contour 39.05 dB  
Radial 281.0 degrees  
Bearing to point on contour 330.6 degrees  
D/U ratio at contour 39.06 dB  
Radial 282.0 degrees  
Bearing to point on contour 330.6 degrees  
D/U ratio at contour 39.07 dB  
Radial 283.0 degrees  
Bearing to point on contour 330.6 degrees  
D/U ratio at contour 39.07 dB  
Radial 284.0 degrees  
Bearing to point on contour 330.6 degrees  
D/U ratio at contour 39.08 dB  
Radial 285.0 degrees  
Bearing to point on contour 330.6 degrees  
D/U ratio at contour 39.08 dB

Radial 286.0 degrees  
Bearing to point on contour 330.6 degrees  
D/U ratio at contour 39.09 dB  
Radial 287.0 degrees  
Bearing to point on contour 330.6 degrees  
D/U ratio at contour 39.10 dB  
Radial 288.0 degrees  
Bearing to point on contour 330.7 degrees  
D/U ratio at contour 39.10 dB  
Radial 289.0 degrees  
Bearing to point on contour 330.7 degrees  
D/U ratio at contour 39.11 dB  
Radial 290.0 degrees  
Bearing to point on contour 330.7 degrees  
D/U ratio at contour 39.11 dB  
Radial 291.0 degrees  
Bearing to point on contour 330.7 degrees  
D/U ratio at contour 39.12 dB  
Radial 292.0 degrees  
Bearing to point on contour 330.7 degrees  
D/U ratio at contour 39.12 dB  
Radial 293.0 degrees  
Bearing to point on contour 330.7 degrees  
D/U ratio at contour 39.13 dB  
Radial 294.0 degrees  
Bearing to point on contour 330.7 degrees  
D/U ratio at contour 39.13 dB  
Radial 295.0 degrees  
Bearing to point on contour 330.7 degrees  
D/U ratio at contour 39.13 dB  
Radial 296.0 degrees  
Bearing to point on contour 330.8 degrees  
D/U ratio at contour 39.14 dB  
Radial 297.0 degrees  
Bearing to point on contour 330.8 degrees  
D/U ratio at contour 39.14 dB  
Radial 298.0 degrees  
Bearing to point on contour 330.8 degrees  
D/U ratio at contour 39.15 dB  
Radial 299.0 degrees  
Bearing to point on contour 330.8 degrees  
D/U ratio at contour 39.15 dB  
Radial 300.0 degrees  
Bearing to point on contour 330.8 degrees  
D/U ratio at contour 39.15 dB  
Radial 301.0 degrees  
Bearing to point on contour 330.8 degrees  
D/U ratio at contour 39.16 dB  
Radial 302.0 degrees  
Bearing to point on contour 330.8 degrees  
D/U ratio at contour 39.16 dB  
Radial 303.0 degrees  
Bearing to point on contour 330.8 degrees  
D/U ratio at contour 39.16 dB  
Radial 304.0 degrees  
Bearing to point on contour 330.9 degrees  
D/U ratio at contour 39.17 dB

Radial 305.0 degrees  
Bearing to point on contour 330.9 degrees  
D/U ratio at contour 39.18 dB  
Radial 306.0 degrees  
Bearing to point on contour 330.9 degrees  
D/U ratio at contour 39.18 dB  
Radial 307.0 degrees  
Bearing to point on contour 330.9 degrees  
D/U ratio at contour 39.18 dB  
Radial 308.0 degrees  
Bearing to point on contour 330.9 degrees  
D/U ratio at contour 39.18 dB  
Radial 309.0 degrees  
Bearing to point on contour 330.9 degrees  
D/U ratio at contour 39.19 dB  
Radial 310.0 degrees  
Bearing to point on contour 330.9 degrees  
D/U ratio at contour 39.19 dB  
Radial 311.0 degrees  
Bearing to point on contour 330.9 degrees  
D/U ratio at contour 39.19 dB  
Radial 312.0 degrees  
Bearing to point on contour 331.0 degrees  
D/U ratio at contour 39.20 dB  
Radial 313.0 degrees  
Bearing to point on contour 331.0 degrees  
D/U ratio at contour 39.20 dB  
Radial 314.0 degrees  
Bearing to point on contour 331.0 degrees  
D/U ratio at contour 39.20 dB  
Radial 315.0 degrees  
Bearing to point on contour 331.0 degrees  
D/U ratio at contour 39.20 dB  
Radial 316.0 degrees  
Bearing to point on contour 331.0 degrees  
D/U ratio at contour 39.21 dB  
Radial 317.0 degrees  
Bearing to point on contour 331.0 degrees  
D/U ratio at contour 39.21 dB  
Radial 318.0 degrees  
Bearing to point on contour 331.0 degrees  
D/U ratio at contour 39.21 dB  
Radial 319.0 degrees  
Bearing to point on contour 331.1 degrees  
D/U ratio at contour 39.21 dB  
Radial 320.0 degrees  
Bearing to point on contour 331.1 degrees  
D/U ratio at contour 39.21 dB  
Radial 321.0 degrees  
Bearing to point on contour 331.1 degrees  
D/U ratio at contour 39.21 dB  
Radial 322.0 degrees  
Bearing to point on contour 331.1 degrees  
D/U ratio at contour 39.22 dB  
Radial 323.0 degrees  
Bearing to point on contour 331.1 degrees  
D/U ratio at contour 39.21 dB

Radial 324.0 degrees  
Bearing to point on contour 331.1 degrees  
D/U ratio at contour 39.21 dB  
Radial 325.0 degrees  
Bearing to point on contour 331.1 degrees  
D/U ratio at contour 39.21 dB  
Radial 326.0 degrees  
Bearing to point on contour 331.1 degrees  
D/U ratio at contour 39.21 dB  
Radial 327.0 degrees  
Bearing to point on contour 331.2 degrees  
D/U ratio at contour 39.21 dB  
Radial 328.0 degrees  
Bearing to point on contour 331.2 degrees  
D/U ratio at contour 39.21 dB  
Radial 329.0 degrees  
Bearing to point on contour 331.2 degrees  
D/U ratio at contour 39.21 dB  
Radial 330.0 degrees  
Bearing to point on contour 331.2 degrees  
D/U ratio at contour 39.20 dB  
Radial 331.0 degrees  
Bearing to point on contour 331.2 degrees  
D/U ratio at contour 39.20 dB  
Radial 332.0 degrees  
Bearing to point on contour 331.2 degrees  
D/U ratio at contour 39.20 dB  
Radial 333.0 degrees  
Bearing to point on contour 331.2 degrees  
D/U ratio at contour 39.20 dB  
Radial 334.0 degrees  
Bearing to point on contour 331.3 degrees  
D/U ratio at contour 39.19 dB  
Radial 335.0 degrees  
Bearing to point on contour 331.3 degrees  
D/U ratio at contour 39.19 dB  
Radial 336.0 degrees  
Bearing to point on contour 331.3 degrees  
D/U ratio at contour 39.19 dB  
Radial 337.0 degrees  
Bearing to point on contour 331.3 degrees  
D/U ratio at contour 39.19 dB  
Radial 338.0 degrees  
Bearing to point on contour 331.3 degrees  
D/U ratio at contour 39.18 dB  
Radial 339.0 degrees  
Bearing to point on contour 331.3 degrees  
D/U ratio at contour 39.18 dB  
Radial 340.0 degrees  
Bearing to point on contour 331.3 degrees  
D/U ratio at contour 39.18 dB  
Radial 341.0 degrees  
Bearing to point on contour 331.3 degrees  
D/U ratio at contour 39.17 dB  
Radial 342.0 degrees  
Bearing to point on contour 331.4 degrees  
D/U ratio at contour 39.17 dB

Radial 343.0 degrees  
Bearing to point on contour 331.4 degrees  
D/U ratio at contour 39.16 dB  
Radial 344.0 degrees  
Bearing to point on contour 331.4 degrees  
D/U ratio at contour 39.15 dB  
Radial 345.0 degrees  
Bearing to point on contour 331.4 degrees  
D/U ratio at contour 39.15 dB  
Radial 346.0 degrees  
Bearing to point on contour 331.4 degrees  
D/U ratio at contour 39.14 dB  
Radial 347.0 degrees  
Bearing to point on contour 331.4 degrees  
D/U ratio at contour 39.14 dB  
Radial 348.0 degrees  
Bearing to point on contour 331.4 degrees  
D/U ratio at contour 39.13 dB  
Radial 349.0 degrees  
Bearing to point on contour 331.4 degrees  
D/U ratio at contour 39.13 dB  
Radial 350.0 degrees  
Bearing to point on contour 331.4 degrees  
D/U ratio at contour 39.12 dB  
Radial 351.0 degrees  
Bearing to point on contour 331.4 degrees  
D/U ratio at contour 39.11 dB  
Radial 352.0 degrees  
Bearing to point on contour 331.5 degrees  
D/U ratio at contour 39.10 dB  
Radial 353.0 degrees  
Bearing to point on contour 331.5 degrees  
D/U ratio at contour 39.09 dB  
Radial 354.0 degrees  
Bearing to point on contour 331.5 degrees  
D/U ratio at contour 39.09 dB  
Radial 355.0 degrees  
Bearing to point on contour 331.5 degrees  
D/U ratio at contour 39.08 dB  
Radial 356.0 degrees  
Bearing to point on contour 331.5 degrees  
D/U ratio at contour 39.07 dB  
Radial 357.0 degrees  
Bearing to point on contour 331.5 degrees  
D/U ratio at contour 39.07 dB  
Radial 358.0 degrees  
Bearing to point on contour 331.5 degrees  
D/U ratio at contour 39.06 dB  
Radial 359.0 degrees  
Bearing to point on contour 331.5 degrees

Contour overlap to station

K18CT 18 RATON NM BLTT 19930311IH

D/U ratio at contour 32.87 dB

Offset Proposed + Offset Protected N Required D/U ratio: 45.0

Radial 0.0 degrees

Bearing to point on contour 53.5 degrees

D/U ratio at contour 32.89 dB  
Radial 1.0 degrees  
Bearing to point on contour 53.5 degrees  
D/U ratio at contour 32.91 dB  
Radial 2.0 degrees  
Bearing to point on contour 53.5 degrees  
D/U ratio at contour 32.92 dB  
Radial 3.0 degrees  
Bearing to point on contour 53.6 degrees  
D/U ratio at contour 32.94 dB  
Radial 4.0 degrees  
Bearing to point on contour 53.6 degrees  
D/U ratio at contour 32.96 dB  
Radial 5.0 degrees  
Bearing to point on contour 53.6 degrees  
D/U ratio at contour 32.98 dB  
Radial 6.0 degrees  
Bearing to point on contour 53.6 degrees  
D/U ratio at contour 32.99 dB  
Radial 7.0 degrees  
Bearing to point on contour 53.7 degrees  
D/U ratio at contour 33.01 dB  
Radial 8.0 degrees  
Bearing to point on contour 53.7 degrees  
D/U ratio at contour 33.03 dB  
Radial 9.0 degrees  
Bearing to point on contour 53.7 degrees  
D/U ratio at contour 33.05 dB  
Radial 10.0 degrees  
Bearing to point on contour 53.7 degrees  
D/U ratio at contour 33.06 dB  
Radial 11.0 degrees  
Bearing to point on contour 53.8 degrees  
D/U ratio at contour 33.08 dB  
Radial 12.0 degrees  
Bearing to point on contour 53.8 degrees  
D/U ratio at contour 33.10 dB  
Radial 13.0 degrees  
Bearing to point on contour 53.8 degrees  
D/U ratio at contour 33.11 dB  
Radial 14.0 degrees  
Bearing to point on contour 53.8 degrees  
D/U ratio at contour 33.13 dB  
Radial 15.0 degrees  
Bearing to point on contour 53.9 degrees  
D/U ratio at contour 33.14 dB  
Radial 16.0 degrees  
Bearing to point on contour 53.9 degrees  
D/U ratio at contour 33.16 dB  
Radial 17.0 degrees  
Bearing to point on contour 53.9 degrees  
D/U ratio at contour 33.18 dB  
Radial 18.0 degrees  
Bearing to point on contour 54.0 degrees  
D/U ratio at contour 33.19 dB  
Radial 19.0 degrees  
Bearing to point on contour 54.0 degrees

D/U ratio at contour 33.20 dB  
Radial 20.0 degrees  
Bearing to point on contour 54.0 degrees  
D/U ratio at contour 33.22 dB  
Radial 21.0 degrees  
Bearing to point on contour 54.0 degrees  
D/U ratio at contour 33.23 dB  
Radial 22.0 degrees  
Bearing to point on contour 54.1 degrees  
D/U ratio at contour 33.25 dB  
Radial 23.0 degrees  
Bearing to point on contour 54.1 degrees  
D/U ratio at contour 33.26 dB  
Radial 24.0 degrees  
Bearing to point on contour 54.1 degrees  
D/U ratio at contour 33.27 dB  
Radial 25.0 degrees  
Bearing to point on contour 54.2 degrees  
D/U ratio at contour 33.29 dB  
Radial 26.0 degrees  
Bearing to point on contour 54.2 degrees  
D/U ratio at contour 33.30 dB  
Radial 27.0 degrees  
Bearing to point on contour 54.2 degrees  
D/U ratio at contour 33.31 dB  
Radial 28.0 degrees  
Bearing to point on contour 54.3 degrees  
D/U ratio at contour 33.33 dB  
Radial 29.0 degrees  
Bearing to point on contour 54.3 degrees  
D/U ratio at contour 33.34 dB  
Radial 30.0 degrees  
Bearing to point on contour 54.3 degrees  
D/U ratio at contour 33.35 dB  
Radial 31.0 degrees  
Bearing to point on contour 54.4 degrees  
D/U ratio at contour 33.36 dB  
Radial 32.0 degrees  
Bearing to point on contour 54.4 degrees  
D/U ratio at contour 33.37 dB  
Radial 33.0 degrees  
Bearing to point on contour 54.4 degrees  
D/U ratio at contour 33.38 dB  
Radial 34.0 degrees  
Bearing to point on contour 54.5 degrees  
D/U ratio at contour 33.40 dB  
Radial 35.0 degrees  
Bearing to point on contour 54.5 degrees  
D/U ratio at contour 33.40 dB  
Radial 36.0 degrees  
Bearing to point on contour 54.5 degrees  
D/U ratio at contour 33.41 dB  
Radial 37.0 degrees  
Bearing to point on contour 54.6 degrees  
D/U ratio at contour 33.42 dB  
Radial 38.0 degrees  
Bearing to point on contour 54.6 degrees

D/U ratio at contour 33.43 dB  
Radial 39.0 degrees  
Bearing to point on contour 54.6 degrees  
D/U ratio at contour 33.44 dB  
Radial 40.0 degrees  
Bearing to point on contour 54.7 degrees  
D/U ratio at contour 33.45 dB  
Radial 41.0 degrees  
Bearing to point on contour 54.7 degrees  
D/U ratio at contour 33.46 dB  
Radial 42.0 degrees  
Bearing to point on contour 54.7 degrees  
D/U ratio at contour 33.46 dB  
Radial 43.0 degrees  
Bearing to point on contour 54.8 degrees  
D/U ratio at contour 33.47 dB  
Radial 44.0 degrees  
Bearing to point on contour 54.8 degrees  
D/U ratio at contour 33.48 dB  
Radial 45.0 degrees  
Bearing to point on contour 54.9 degrees  
D/U ratio at contour 33.49 dB  
Radial 46.0 degrees  
Bearing to point on contour 54.9 degrees  
D/U ratio at contour 33.49 dB  
Radial 47.0 degrees  
Bearing to point on contour 54.9 degrees  
D/U ratio at contour 33.50 dB  
Radial 48.0 degrees  
Bearing to point on contour 55.0 degrees  
D/U ratio at contour 33.51 dB  
Radial 49.0 degrees  
Bearing to point on contour 55.0 degrees  
D/U ratio at contour 33.51 dB  
Radial 50.0 degrees  
Bearing to point on contour 55.0 degrees  
D/U ratio at contour 33.51 dB  
Radial 51.0 degrees  
Bearing to point on contour 55.1 degrees  
D/U ratio at contour 33.52 dB  
Radial 52.0 degrees  
Bearing to point on contour 55.1 degrees  
D/U ratio at contour 33.52 dB  
Radial 53.0 degrees  
Bearing to point on contour 55.1 degrees  
D/U ratio at contour 33.53 dB  
Radial 54.0 degrees  
Bearing to point on contour 55.2 degrees  
D/U ratio at contour 33.53 dB  
Radial 55.0 degrees  
Bearing to point on contour 55.2 degrees  
D/U ratio at contour 33.54 dB  
Radial 56.0 degrees  
Bearing to point on contour 55.3 degrees  
D/U ratio at contour 33.53 dB  
Radial 57.0 degrees  
Bearing to point on contour 55.3 degrees



D/U ratio at contour 33.54 dB  
Radial 58.0 degrees  
Bearing to point on contour 55.3 degrees  
D/U ratio at contour 33.54 dB  
Radial 59.0 degrees  
Bearing to point on contour 55.4 degrees  
D/U ratio at contour 33.54 dB  
Radial 60.0 degrees  
Bearing to point on contour 55.4 degrees  
D/U ratio at contour 33.55 dB  
Radial 61.0 degrees  
Bearing to point on contour 55.5 degrees  
D/U ratio at contour 33.54 dB  
Radial 62.0 degrees  
Bearing to point on contour 55.5 degrees  
D/U ratio at contour 33.55 dB  
Radial 63.0 degrees  
Bearing to point on contour 55.5 degrees  
D/U ratio at contour 33.54 dB  
Radial 64.0 degrees  
Bearing to point on contour 55.6 degrees  
D/U ratio at contour 33.55 dB  
Radial 65.0 degrees  
Bearing to point on contour 55.6 degrees  
D/U ratio at contour 33.54 dB  
Radial 66.0 degrees  
Bearing to point on contour 55.6 degrees  
D/U ratio at contour 33.55 dB  
Radial 67.0 degrees  
Bearing to point on contour 55.7 degrees  
D/U ratio at contour 33.54 dB  
Radial 68.0 degrees  
Bearing to point on contour 55.7 degrees  
D/U ratio at contour 33.54 dB  
Radial 69.0 degrees  
Bearing to point on contour 55.7 degrees  
D/U ratio at contour 33.54 dB  
Radial 70.0 degrees  
Bearing to point on contour 55.8 degrees  
D/U ratio at contour 33.54 dB  
Radial 71.0 degrees  
Bearing to point on contour 55.8 degrees  
D/U ratio at contour 33.54 dB  
Radial 72.0 degrees  
Bearing to point on contour 55.8 degrees  
D/U ratio at contour 33.53 dB  
Radial 73.0 degrees  
Bearing to point on contour 55.9 degrees  
D/U ratio at contour 33.53 dB  
Radial 74.0 degrees  
Bearing to point on contour 55.9 degrees  
D/U ratio at contour 33.53 dB  
Radial 75.0 degrees  
Bearing to point on contour 56.0 degrees  
D/U ratio at contour 33.53 dB  
Radial 76.0 degrees  
Bearing to point on contour 56.0 degrees

D/U ratio at contour 33.52 dB  
Radial 77.0 degrees  
Bearing to point on contour 56.0 degrees  
D/U ratio at contour 33.51 dB  
Radial 78.0 degrees  
Bearing to point on contour 56.1 degrees  
D/U ratio at contour 33.51 dB  
Radial 79.0 degrees  
Bearing to point on contour 56.1 degrees  
D/U ratio at contour 33.51 dB  
Radial 80.0 degrees  
Bearing to point on contour 56.1 degrees  
D/U ratio at contour 33.50 dB  
Radial 81.0 degrees  
Bearing to point on contour 56.2 degrees  
D/U ratio at contour 33.49 dB  
Radial 82.0 degrees  
Bearing to point on contour 56.2 degrees  
D/U ratio at contour 33.48 dB  
Radial 83.0 degrees  
Bearing to point on contour 56.2 degrees  
D/U ratio at contour 33.48 dB  
Radial 84.0 degrees  
Bearing to point on contour 56.3 degrees  
D/U ratio at contour 33.47 dB  
Radial 85.0 degrees  
Bearing to point on contour 56.3 degrees  
D/U ratio at contour 33.46 dB  
Radial 86.0 degrees  
Bearing to point on contour 56.3 degrees  
D/U ratio at contour 33.45 dB  
Radial 87.0 degrees  
Bearing to point on contour 56.4 degrees  
D/U ratio at contour 33.45 dB  
Radial 88.0 degrees  
Bearing to point on contour 56.4 degrees  
D/U ratio at contour 33.44 dB  
Radial 89.0 degrees  
Bearing to point on contour 56.4 degrees  
D/U ratio at contour 33.43 dB  
Radial 90.0 degrees  
Bearing to point on contour 56.4 degrees  
D/U ratio at contour 33.47 dB  
Radial 91.0 degrees  
Bearing to point on contour 56.5 degrees  
D/U ratio at contour 33.55 dB  
Radial 92.0 degrees  
Bearing to point on contour 56.7 degrees  
D/U ratio at contour 33.62 dB  
Radial 93.0 degrees  
Bearing to point on contour 56.8 degrees  
D/U ratio at contour 33.69 dB  
Radial 94.0 degrees  
Bearing to point on contour 56.9 degrees  
D/U ratio at contour 33.75 dB  
Radial 95.0 degrees  
Bearing to point on contour 57.0 degrees

D/U ratio at contour 33.80 dB  
Radial 96.0 degrees  
Bearing to point on contour 57.1 degrees  
D/U ratio at contour 33.84 dB  
Radial 97.0 degrees  
Bearing to point on contour 57.3 degrees  
D/U ratio at contour 33.88 dB  
Radial 98.0 degrees  
Bearing to point on contour 57.4 degrees  
D/U ratio at contour 33.92 dB  
Radial 99.0 degrees  
Bearing to point on contour 57.5 degrees  
D/U ratio at contour 33.96 dB  
Radial 100.0 degrees  
Bearing to point on contour 57.6 degrees  
D/U ratio at contour 34.00 dB  
Radial 101.0 degrees  
Bearing to point on contour 57.7 degrees  
D/U ratio at contour 34.03 dB  
Radial 102.0 degrees  
Bearing to point on contour 57.9 degrees  
D/U ratio at contour 34.06 dB  
Radial 103.0 degrees  
Bearing to point on contour 58.0 degrees  
D/U ratio at contour 34.08 dB  
Radial 104.0 degrees  
Bearing to point on contour 58.1 degrees  
D/U ratio at contour 34.11 dB  
Radial 105.0 degrees  
Bearing to point on contour 58.2 degrees  
D/U ratio at contour 34.12 dB  
Radial 106.0 degrees  
Bearing to point on contour 58.3 degrees  
D/U ratio at contour 34.13 dB  
Radial 107.0 degrees  
Bearing to point on contour 58.4 degrees  
D/U ratio at contour 34.15 dB  
Radial 108.0 degrees  
Bearing to point on contour 58.5 degrees  
D/U ratio at contour 34.15 dB  
Radial 109.0 degrees  
Bearing to point on contour 58.6 degrees  
D/U ratio at contour 34.16 dB  
Radial 110.0 degrees  
Bearing to point on contour 58.8 degrees  
D/U ratio at contour 34.17 dB  
Radial 111.0 degrees  
Bearing to point on contour 58.9 degrees  
D/U ratio at contour 34.17 dB  
Radial 112.0 degrees  
Bearing to point on contour 59.0 degrees  
D/U ratio at contour 34.17 dB  
Radial 113.0 degrees  
Bearing to point on contour 59.1 degrees  
D/U ratio at contour 34.17 dB  
Radial 114.0 degrees  
Bearing to point on contour 59.2 degrees

D/U ratio at contour 34.17 dB  
Radial 115.0 degrees  
Bearing to point on contour 59.3 degrees  
D/U ratio at contour 34.15 dB  
Radial 116.0 degrees  
Bearing to point on contour 59.4 degrees  
D/U ratio at contour 34.14 dB  
Radial 117.0 degrees  
Bearing to point on contour 59.5 degrees  
D/U ratio at contour 34.13 dB  
Radial 118.0 degrees  
Bearing to point on contour 59.6 degrees  
D/U ratio at contour 34.11 dB  
Radial 119.0 degrees  
Bearing to point on contour 59.7 degrees  
D/U ratio at contour 34.10 dB  
Radial 120.0 degrees  
Bearing to point on contour 59.8 degrees  
D/U ratio at contour 34.09 dB  
Radial 121.0 degrees  
Bearing to point on contour 59.9 degrees  
D/U ratio at contour 34.06 dB  
Radial 122.0 degrees  
Bearing to point on contour 60.0 degrees  
D/U ratio at contour 34.04 dB  
Radial 123.0 degrees  
Bearing to point on contour 60.1 degrees  
D/U ratio at contour 34.01 dB  
Radial 124.0 degrees  
Bearing to point on contour 60.2 degrees  
D/U ratio at contour 33.99 dB  
Radial 125.0 degrees  
Bearing to point on contour 60.3 degrees  
D/U ratio at contour 33.96 dB  
Radial 126.0 degrees  
Bearing to point on contour 60.4 degrees  
D/U ratio at contour 33.93 dB  
Radial 127.0 degrees  
Bearing to point on contour 60.5 degrees  
D/U ratio at contour 33.90 dB  
Radial 128.0 degrees  
Bearing to point on contour 60.6 degrees  
D/U ratio at contour 33.87 dB  
Radial 129.0 degrees  
Bearing to point on contour 60.7 degrees  
D/U ratio at contour 33.84 dB  
Radial 130.0 degrees  
Bearing to point on contour 60.8 degrees  
D/U ratio at contour 33.81 dB  
Radial 131.0 degrees  
Bearing to point on contour 60.9 degrees  
D/U ratio at contour 33.77 dB  
Radial 132.0 degrees  
Bearing to point on contour 61.0 degrees  
D/U ratio at contour 33.73 dB  
Radial 133.0 degrees  
Bearing to point on contour 61.1 degrees

D/U ratio at contour 33.69 dB  
Radial 134.0 degrees  
Bearing to point on contour 61.2 degrees  
D/U ratio at contour 33.66 dB  
Radial 135.0 degrees  
Bearing to point on contour 61.3 degrees  
D/U ratio at contour 33.60 dB  
Radial 136.0 degrees  
Bearing to point on contour 61.4 degrees  
D/U ratio at contour 33.54 dB  
Radial 137.0 degrees  
Bearing to point on contour 61.4 degrees  
D/U ratio at contour 33.49 dB  
Radial 138.0 degrees  
Bearing to point on contour 61.4 degrees  
D/U ratio at contour 33.42 dB  
Radial 139.0 degrees  
Bearing to point on contour 61.5 degrees  
D/U ratio at contour 33.37 dB  
Radial 140.0 degrees  
Bearing to point on contour 61.5 degrees  
D/U ratio at contour 33.31 dB  
Radial 141.0 degrees  
Bearing to point on contour 61.5 degrees  
D/U ratio at contour 33.26 dB  
Radial 142.0 degrees  
Bearing to point on contour 61.5 degrees  
D/U ratio at contour 33.20 dB  
Radial 143.0 degrees  
Bearing to point on contour 61.6 degrees  
D/U ratio at contour 33.14 dB  
Radial 144.0 degrees  
Bearing to point on contour 61.6 degrees  
D/U ratio at contour 33.08 dB  
Radial 145.0 degrees  
Bearing to point on contour 61.6 degrees  
D/U ratio at contour 33.02 dB  
Radial 146.0 degrees  
Bearing to point on contour 61.6 degrees  
D/U ratio at contour 32.97 dB  
Radial 147.0 degrees  
Bearing to point on contour 61.6 degrees  
D/U ratio at contour 32.91 dB  
Radial 148.0 degrees  
Bearing to point on contour 61.7 degrees  
D/U ratio at contour 32.85 dB  
Radial 149.0 degrees  
Bearing to point on contour 61.7 degrees  
D/U ratio at contour 32.80 dB  
Radial 150.0 degrees  
Bearing to point on contour 61.7 degrees  
D/U ratio at contour 32.74 dB  
Radial 151.0 degrees  
Bearing to point on contour 61.7 degrees  
D/U ratio at contour 32.68 dB  
Radial 152.0 degrees  
Bearing to point on contour 61.7 degrees

D/U ratio at contour 32.62 dB  
Radial 153.0 degrees  
Bearing to point on contour 61.7 degrees  
D/U ratio at contour 32.57 dB  
Radial 154.0 degrees  
Bearing to point on contour 61.7 degrees  
D/U ratio at contour 32.51 dB  
Radial 155.0 degrees  
Bearing to point on contour 61.7 degrees  
D/U ratio at contour 32.45 dB  
Radial 156.0 degrees  
Bearing to point on contour 61.7 degrees  
D/U ratio at contour 32.40 dB  
Radial 157.0 degrees  
Bearing to point on contour 61.7 degrees  
D/U ratio at contour 32.34 dB  
Radial 158.0 degrees  
Bearing to point on contour 61.7 degrees  
D/U ratio at contour 32.29 dB  
Radial 159.0 degrees  
Bearing to point on contour 61.7 degrees  
D/U ratio at contour 32.23 dB  
Radial 160.0 degrees  
Bearing to point on contour 61.7 degrees  
D/U ratio at contour 32.18 dB  
Radial 161.0 degrees  
Bearing to point on contour 61.7 degrees  
D/U ratio at contour 32.13 dB  
Radial 162.0 degrees  
Bearing to point on contour 61.7 degrees  
D/U ratio at contour 32.07 dB  
Radial 163.0 degrees  
Bearing to point on contour 61.7 degrees  
D/U ratio at contour 32.02 dB  
Radial 164.0 degrees  
Bearing to point on contour 61.6 degrees  
D/U ratio at contour 31.96 dB  
Radial 165.0 degrees  
Bearing to point on contour 61.6 degrees  
D/U ratio at contour 31.92 dB  
Radial 166.0 degrees  
Bearing to point on contour 61.6 degrees  
D/U ratio at contour 31.86 dB  
Radial 167.0 degrees  
Bearing to point on contour 61.6 degrees  
D/U ratio at contour 31.81 dB  
Radial 168.0 degrees  
Bearing to point on contour 61.6 degrees  
D/U ratio at contour 31.76 dB  
Radial 169.0 degrees  
Bearing to point on contour 61.5 degrees  
D/U ratio at contour 31.70 dB  
Radial 170.0 degrees  
Bearing to point on contour 61.5 degrees  
D/U ratio at contour 31.65 dB  
Radial 171.0 degrees  
Bearing to point on contour 61.5 degrees

D/U ratio at contour 31.60 dB  
Radial 172.0 degrees  
Bearing to point on contour 61.4 degrees  
D/U ratio at contour 31.55 dB  
Radial 173.0 degrees  
Bearing to point on contour 61.4 degrees  
D/U ratio at contour 31.50 dB  
Radial 174.0 degrees  
Bearing to point on contour 61.4 degrees  
D/U ratio at contour 31.45 dB  
Radial 175.0 degrees  
Bearing to point on contour 61.3 degrees  
D/U ratio at contour 31.40 dB  
Radial 176.0 degrees  
Bearing to point on contour 61.3 degrees  
D/U ratio at contour 31.35 dB  
Radial 177.0 degrees  
Bearing to point on contour 61.2 degrees  
D/U ratio at contour 31.30 dB  
Radial 178.0 degrees  
Bearing to point on contour 61.2 degrees  
D/U ratio at contour 31.25 dB  
Radial 179.0 degrees  
Bearing to point on contour 61.1 degrees  
D/U ratio at contour 31.20 dB  
Radial 180.0 degrees  
Bearing to point on contour 61.1 degrees  
D/U ratio at contour 31.17 dB  
Radial 181.0 degrees  
Bearing to point on contour 61.0 degrees  
D/U ratio at contour 31.13 dB  
Radial 182.0 degrees  
Bearing to point on contour 60.8 degrees  
D/U ratio at contour 31.09 dB  
Radial 183.0 degrees  
Bearing to point on contour 60.7 degrees  
D/U ratio at contour 31.06 dB  
Radial 184.0 degrees  
Bearing to point on contour 60.6 degrees  
D/U ratio at contour 31.03 dB  
Radial 185.0 degrees  
Bearing to point on contour 60.5 degrees  
D/U ratio at contour 31.00 dB  
Radial 186.0 degrees  
Bearing to point on contour 60.3 degrees  
D/U ratio at contour 30.97 dB  
Radial 187.0 degrees  
Bearing to point on contour 60.2 degrees  
D/U ratio at contour 30.94 dB  
Radial 188.0 degrees  
Bearing to point on contour 60.1 degrees  
D/U ratio at contour 30.91 dB  
Radial 189.0 degrees  
Bearing to point on contour 60.0 degrees  
D/U ratio at contour 30.88 dB  
Radial 190.0 degrees  
Bearing to point on contour 59.8 degrees

D/U ratio at contour 30.86 dB  
Radial 191.0 degrees  
Bearing to point on contour 59.7 degrees  
D/U ratio at contour 30.83 dB  
Radial 192.0 degrees  
Bearing to point on contour 59.6 degrees  
D/U ratio at contour 30.81 dB  
Radial 193.0 degrees  
Bearing to point on contour 59.5 degrees  
D/U ratio at contour 30.78 dB  
Radial 194.0 degrees  
Bearing to point on contour 59.3 degrees  
D/U ratio at contour 30.76 dB  
Radial 195.0 degrees  
Bearing to point on contour 59.2 degrees  
D/U ratio at contour 30.74 dB  
Radial 196.0 degrees  
Bearing to point on contour 59.1 degrees  
D/U ratio at contour 30.72 dB  
Radial 197.0 degrees  
Bearing to point on contour 59.0 degrees  
D/U ratio at contour 30.71 dB  
Radial 198.0 degrees  
Bearing to point on contour 58.9 degrees  
D/U ratio at contour 30.69 dB  
Radial 199.0 degrees  
Bearing to point on contour 58.7 degrees  
D/U ratio at contour 30.67 dB  
Radial 200.0 degrees  
Bearing to point on contour 58.6 degrees  
D/U ratio at contour 30.66 dB  
Radial 201.0 degrees  
Bearing to point on contour 58.5 degrees  
D/U ratio at contour 30.65 dB  
Radial 202.0 degrees  
Bearing to point on contour 58.4 degrees  
D/U ratio at contour 30.64 dB  
Radial 203.0 degrees  
Bearing to point on contour 58.3 degrees  
D/U ratio at contour 30.62 dB  
Radial 204.0 degrees  
Bearing to point on contour 58.1 degrees  
D/U ratio at contour 30.62 dB  
Radial 205.0 degrees  
Bearing to point on contour 58.0 degrees  
D/U ratio at contour 30.61 dB  
Radial 206.0 degrees  
Bearing to point on contour 57.9 degrees  
D/U ratio at contour 30.61 dB  
Radial 207.0 degrees  
Bearing to point on contour 57.8 degrees  
D/U ratio at contour 30.61 dB  
Radial 208.0 degrees  
Bearing to point on contour 57.7 degrees  
D/U ratio at contour 30.61 dB  
Radial 209.0 degrees  
Bearing to point on contour 57.5 degrees



D/U ratio at contour 30.61 dB  
Radial 210.0 degrees  
Bearing to point on contour 57.4 degrees  
D/U ratio at contour 30.62 dB  
Radial 211.0 degrees  
Bearing to point on contour 57.3 degrees  
D/U ratio at contour 30.63 dB  
Radial 212.0 degrees  
Bearing to point on contour 57.2 degrees  
D/U ratio at contour 30.63 dB  
Radial 213.0 degrees  
Bearing to point on contour 57.1 degrees  
D/U ratio at contour 30.65 dB  
Radial 214.0 degrees  
Bearing to point on contour 57.0 degrees  
D/U ratio at contour 30.65 dB  
Radial 215.0 degrees  
Bearing to point on contour 56.9 degrees  
D/U ratio at contour 30.67 dB  
Radial 216.0 degrees  
Bearing to point on contour 56.8 degrees  
D/U ratio at contour 30.69 dB  
Radial 217.0 degrees  
Bearing to point on contour 56.6 degrees  
D/U ratio at contour 30.71 dB  
Radial 218.0 degrees  
Bearing to point on contour 56.6 degrees  
D/U ratio at contour 30.73 dB  
Radial 219.0 degrees  
Bearing to point on contour 56.4 degrees  
D/U ratio at contour 30.76 dB  
Radial 220.0 degrees  
Bearing to point on contour 56.3 degrees  
D/U ratio at contour 30.79 dB  
Radial 221.0 degrees  
Bearing to point on contour 56.2 degrees  
D/U ratio at contour 30.82 dB  
Radial 222.0 degrees  
Bearing to point on contour 56.2 degrees  
D/U ratio at contour 30.85 dB  
Radial 223.0 degrees  
Bearing to point on contour 56.1 degrees  
D/U ratio at contour 30.89 dB  
Radial 224.0 degrees  
Bearing to point on contour 56.0 degrees  
D/U ratio at contour 30.92 dB  
Radial 225.0 degrees  
Bearing to point on contour 55.9 degrees  
D/U ratio at contour 30.92 dB  
Radial 226.0 degrees  
Bearing to point on contour 55.8 degrees  
D/U ratio at contour 30.92 dB  
Radial 227.0 degrees  
Bearing to point on contour 55.8 degrees  
D/U ratio at contour 30.92 dB  
Radial 228.0 degrees  
Bearing to point on contour 55.7 degrees

D/U ratio at contour 30.92 dB  
Radial 229.0 degrees  
Bearing to point on contour 55.7 degrees  
D/U ratio at contour 30.92 dB  
Radial 230.0 degrees  
Bearing to point on contour 55.6 degrees  
D/U ratio at contour 30.92 dB  
Radial 231.0 degrees  
Bearing to point on contour 55.5 degrees  
D/U ratio at contour 30.92 dB  
Radial 232.0 degrees  
Bearing to point on contour 55.5 degrees  
D/U ratio at contour 30.92 dB  
Radial 233.0 degrees  
Bearing to point on contour 55.4 degrees  
D/U ratio at contour 30.93 dB  
Radial 234.0 degrees  
Bearing to point on contour 55.4 degrees  
D/U ratio at contour 30.93 dB  
Radial 235.0 degrees  
Bearing to point on contour 55.3 degrees  
D/U ratio at contour 30.93 dB  
Radial 236.0 degrees  
Bearing to point on contour 55.3 degrees  
D/U ratio at contour 30.94 dB  
Radial 237.0 degrees  
Bearing to point on contour 55.2 degrees  
D/U ratio at contour 30.94 dB  
Radial 238.0 degrees  
Bearing to point on contour 55.1 degrees  
D/U ratio at contour 30.95 dB  
Radial 239.0 degrees  
Bearing to point on contour 55.1 degrees  
D/U ratio at contour 30.96 dB  
Radial 240.0 degrees  
Bearing to point on contour 55.0 degrees  
D/U ratio at contour 30.96 dB  
Radial 241.0 degrees  
Bearing to point on contour 55.0 degrees  
D/U ratio at contour 30.97 dB  
Radial 242.0 degrees  
Bearing to point on contour 55.0 degrees  
D/U ratio at contour 30.98 dB  
Radial 243.0 degrees  
Bearing to point on contour 54.9 degrees  
D/U ratio at contour 30.99 dB  
Radial 244.0 degrees  
Bearing to point on contour 54.9 degrees  
D/U ratio at contour 31.00 dB  
Radial 245.0 degrees  
Bearing to point on contour 54.8 degrees  
D/U ratio at contour 31.01 dB  
Radial 246.0 degrees  
Bearing to point on contour 54.8 degrees  
D/U ratio at contour 31.02 dB  
Radial 247.0 degrees  
Bearing to point on contour 54.7 degrees

D/U ratio at contour 31.03 dB  
Radial 248.0 degrees  
Bearing to point on contour 54.7 degrees  
D/U ratio at contour 31.04 dB  
Radial 249.0 degrees  
Bearing to point on contour 54.6 degrees  
D/U ratio at contour 31.06 dB  
Radial 250.0 degrees  
Bearing to point on contour 54.6 degrees  
D/U ratio at contour 31.07 dB  
Radial 251.0 degrees  
Bearing to point on contour 54.6 degrees  
D/U ratio at contour 31.08 dB  
Radial 252.0 degrees  
Bearing to point on contour 54.5 degrees  
D/U ratio at contour 31.10 dB  
Radial 253.0 degrees  
Bearing to point on contour 54.5 degrees  
D/U ratio at contour 31.11 dB  
Radial 254.0 degrees  
Bearing to point on contour 54.4 degrees  
D/U ratio at contour 31.13 dB  
Radial 255.0 degrees  
Bearing to point on contour 54.4 degrees  
D/U ratio at contour 31.14 dB  
Radial 256.0 degrees  
Bearing to point on contour 54.4 degrees  
D/U ratio at contour 31.16 dB  
Radial 257.0 degrees  
Bearing to point on contour 54.3 degrees  
D/U ratio at contour 31.17 dB  
Radial 258.0 degrees  
Bearing to point on contour 54.3 degrees  
D/U ratio at contour 31.19 dB  
Radial 259.0 degrees  
Bearing to point on contour 54.3 degrees  
D/U ratio at contour 31.20 dB  
Radial 260.0 degrees  
Bearing to point on contour 54.3 degrees  
D/U ratio at contour 31.22 dB  
Radial 261.0 degrees  
Bearing to point on contour 54.2 degrees  
D/U ratio at contour 31.24 dB  
Radial 262.0 degrees  
Bearing to point on contour 54.2 degrees  
D/U ratio at contour 31.26 dB  
Radial 263.0 degrees  
Bearing to point on contour 54.2 degrees  
D/U ratio at contour 31.28 dB  
Radial 264.0 degrees  
Bearing to point on contour 54.2 degrees  
D/U ratio at contour 31.29 dB  
Radial 265.0 degrees  
Bearing to point on contour 54.1 degrees  
D/U ratio at contour 31.32 dB  
Radial 266.0 degrees  
Bearing to point on contour 54.1 degrees

D/U ratio at contour 31.33 dB  
Radial 267.0 degrees  
Bearing to point on contour 54.1 degrees  
D/U ratio at contour 31.33 dB  
Radial 268.0 degrees  
Bearing to point on contour 54.1 degrees  
D/U ratio at contour 31.34 dB  
Radial 269.0 degrees  
Bearing to point on contour 54.0 degrees  
D/U ratio at contour 31.35 dB  
Radial 270.0 degrees  
Bearing to point on contour 54.0 degrees  
D/U ratio at contour 31.35 dB  
Radial 271.0 degrees  
Bearing to point on contour 54.0 degrees  
D/U ratio at contour 31.36 dB  
Radial 272.0 degrees  
Bearing to point on contour 53.9 degrees  
D/U ratio at contour 31.37 dB  
Radial 273.0 degrees  
Bearing to point on contour 53.9 degrees  
D/U ratio at contour 31.38 dB  
Radial 274.0 degrees  
Bearing to point on contour 53.9 degrees  
D/U ratio at contour 31.39 dB  
Radial 275.0 degrees  
Bearing to point on contour 53.8 degrees  
D/U ratio at contour 31.40 dB  
Radial 276.0 degrees  
Bearing to point on contour 53.8 degrees  
D/U ratio at contour 31.41 dB  
Radial 277.0 degrees  
Bearing to point on contour 53.8 degrees  
D/U ratio at contour 31.42 dB  
Radial 278.0 degrees  
Bearing to point on contour 53.8 degrees  
D/U ratio at contour 31.43 dB  
Radial 279.0 degrees  
Bearing to point on contour 53.7 degrees  
D/U ratio at contour 31.44 dB  
Radial 280.0 degrees  
Bearing to point on contour 53.7 degrees  
D/U ratio at contour 31.45 dB  
Radial 281.0 degrees  
Bearing to point on contour 53.7 degrees  
D/U ratio at contour 31.46 dB  
Radial 282.0 degrees  
Bearing to point on contour 53.6 degrees  
D/U ratio at contour 31.47 dB  
Radial 283.0 degrees  
Bearing to point on contour 53.6 degrees  
D/U ratio at contour 31.48 dB  
Radial 284.0 degrees  
Bearing to point on contour 53.6 degrees  
D/U ratio at contour 31.49 dB  
Radial 285.0 degrees  
Bearing to point on contour 53.6 degrees

D/U ratio at contour 31.51 dB  
Radial 286.0 degrees  
Bearing to point on contour 53.5 degrees  
D/U ratio at contour 31.52 dB  
Radial 287.0 degrees  
Bearing to point on contour 53.5 degrees  
D/U ratio at contour 31.53 dB  
Radial 288.0 degrees  
Bearing to point on contour 53.5 degrees  
D/U ratio at contour 31.55 dB  
Radial 289.0 degrees  
Bearing to point on contour 53.5 degrees  
D/U ratio at contour 31.56 dB  
Radial 290.0 degrees  
Bearing to point on contour 53.4 degrees  
D/U ratio at contour 31.58 dB  
Radial 291.0 degrees  
Bearing to point on contour 53.4 degrees  
D/U ratio at contour 31.59 dB  
Radial 292.0 degrees  
Bearing to point on contour 53.4 degrees  
D/U ratio at contour 31.60 dB  
Radial 293.0 degrees  
Bearing to point on contour 53.4 degrees  
D/U ratio at contour 31.62 dB  
Radial 294.0 degrees  
Bearing to point on contour 53.4 degrees  
D/U ratio at contour 31.63 dB  
Radial 295.0 degrees  
Bearing to point on contour 53.4 degrees  
D/U ratio at contour 31.64 dB  
Radial 296.0 degrees  
Bearing to point on contour 53.3 degrees  
D/U ratio at contour 31.66 dB  
Radial 297.0 degrees  
Bearing to point on contour 53.3 degrees  
D/U ratio at contour 31.68 dB  
Radial 298.0 degrees  
Bearing to point on contour 53.3 degrees  
D/U ratio at contour 31.69 dB  
Radial 299.0 degrees  
Bearing to point on contour 53.3 degrees  
D/U ratio at contour 31.71 dB  
Radial 300.0 degrees  
Bearing to point on contour 53.3 degrees  
D/U ratio at contour 31.72 dB  
Radial 301.0 degrees  
Bearing to point on contour 53.2 degrees  
D/U ratio at contour 31.74 dB  
Radial 302.0 degrees  
Bearing to point on contour 53.2 degrees  
D/U ratio at contour 31.75 dB  
Radial 303.0 degrees  
Bearing to point on contour 53.2 degrees  
D/U ratio at contour 31.77 dB  
Radial 304.0 degrees  
Bearing to point on contour 53.2 degrees

D/U ratio at contour 31.79 dB  
Radial 305.0 degrees  
Bearing to point on contour 53.2 degrees  
D/U ratio at contour 31.81 dB  
Radial 306.0 degrees  
Bearing to point on contour 53.2 degrees  
D/U ratio at contour 31.82 dB  
Radial 307.0 degrees  
Bearing to point on contour 53.2 degrees  
D/U ratio at contour 31.84 dB  
Radial 308.0 degrees  
Bearing to point on contour 53.2 degrees  
D/U ratio at contour 31.86 dB  
Radial 309.0 degrees  
Bearing to point on contour 53.2 degrees  
D/U ratio at contour 31.88 dB  
Radial 310.0 degrees  
Bearing to point on contour 53.1 degrees  
D/U ratio at contour 31.89 dB  
Radial 311.0 degrees  
Bearing to point on contour 53.1 degrees  
D/U ratio at contour 31.92 dB  
Radial 312.0 degrees  
Bearing to point on contour 53.1 degrees  
D/U ratio at contour 31.93 dB  
Radial 313.0 degrees  
Bearing to point on contour 53.1 degrees  
D/U ratio at contour 31.95 dB  
Radial 314.0 degrees  
Bearing to point on contour 53.1 degrees  
D/U ratio at contour 31.97 dB  
Radial 315.0 degrees  
Bearing to point on contour 53.1 degrees  
D/U ratio at contour 31.99 dB  
Radial 316.0 degrees  
Bearing to point on contour 53.1 degrees  
D/U ratio at contour 32.01 dB  
Radial 317.0 degrees  
Bearing to point on contour 53.1 degrees  
D/U ratio at contour 32.03 dB  
Radial 318.0 degrees  
Bearing to point on contour 53.1 degrees  
D/U ratio at contour 32.04 dB  
Radial 319.0 degrees  
Bearing to point on contour 53.1 degrees  
D/U ratio at contour 32.07 dB  
Radial 320.0 degrees  
Bearing to point on contour 53.1 degrees  
D/U ratio at contour 32.08 dB  
Radial 321.0 degrees  
Bearing to point on contour 53.1 degrees  
D/U ratio at contour 32.11 dB  
Radial 322.0 degrees  
Bearing to point on contour 53.1 degrees  
D/U ratio at contour 32.13 dB  
Radial 323.0 degrees  
Bearing to point on contour 53.1 degrees

D/U ratio at contour 32.15 dB  
Radial 324.0 degrees  
Bearing to point on contour 53.1 degrees  
D/U ratio at contour 32.16 dB  
Radial 325.0 degrees  
Bearing to point on contour 53.1 degrees  
D/U ratio at contour 32.18 dB  
Radial 326.0 degrees  
Bearing to point on contour 53.1 degrees  
D/U ratio at contour 32.20 dB  
Radial 327.0 degrees  
Bearing to point on contour 53.1 degrees  
D/U ratio at contour 32.22 dB  
Radial 328.0 degrees  
Bearing to point on contour 53.1 degrees  
D/U ratio at contour 32.25 dB  
Radial 329.0 degrees  
Bearing to point on contour 53.1 degrees  
D/U ratio at contour 32.26 dB  
Radial 330.0 degrees  
Bearing to point on contour 53.1 degrees  
D/U ratio at contour 32.29 dB  
Radial 331.0 degrees  
Bearing to point on contour 53.1 degrees  
D/U ratio at contour 32.31 dB  
Radial 332.0 degrees  
Bearing to point on contour 53.1 degrees  
D/U ratio at contour 32.33 dB  
Radial 333.0 degrees  
Bearing to point on contour 53.1 degrees  
D/U ratio at contour 32.35 dB  
Radial 334.0 degrees  
Bearing to point on contour 53.1 degrees  
D/U ratio at contour 32.37 dB  
Radial 335.0 degrees  
Bearing to point on contour 53.1 degrees  
D/U ratio at contour 32.39 dB  
Radial 336.0 degrees  
Bearing to point on contour 53.1 degrees  
D/U ratio at contour 32.41 dB  
Radial 337.0 degrees  
Bearing to point on contour 53.1 degrees  
D/U ratio at contour 32.43 dB  
Radial 338.0 degrees  
Bearing to point on contour 53.1 degrees  
D/U ratio at contour 32.45 dB  
Radial 339.0 degrees  
Bearing to point on contour 53.1 degrees  
D/U ratio at contour 32.47 dB  
Radial 340.0 degrees  
Bearing to point on contour 53.2 degrees  
D/U ratio at contour 32.49 dB  
Radial 341.0 degrees  
Bearing to point on contour 53.2 degrees  
D/U ratio at contour 32.51 dB  
Radial 342.0 degrees  
Bearing to point on contour 53.2 degrees

D/U ratio at contour 32.54 dB  
Radial 343.0 degrees  
Bearing to point on contour 53.2 degrees  
D/U ratio at contour 32.55 dB  
Radial 344.0 degrees  
Bearing to point on contour 53.2 degrees  
D/U ratio at contour 32.57 dB  
Radial 345.0 degrees  
Bearing to point on contour 53.2 degrees  
D/U ratio at contour 32.60 dB  
Radial 346.0 degrees  
Bearing to point on contour 53.2 degrees  
D/U ratio at contour 32.62 dB  
Radial 347.0 degrees  
Bearing to point on contour 53.2 degrees  
D/U ratio at contour 32.63 dB  
Radial 348.0 degrees  
Bearing to point on contour 53.3 degrees  
D/U ratio at contour 32.66 dB  
Radial 349.0 degrees  
Bearing to point on contour 53.3 degrees  
D/U ratio at contour 32.67 dB  
Radial 350.0 degrees  
Bearing to point on contour 53.3 degrees  
D/U ratio at contour 32.70 dB  
Radial 351.0 degrees  
Bearing to point on contour 53.3 degrees  
D/U ratio at contour 32.71 dB  
Radial 352.0 degrees  
Bearing to point on contour 53.3 degrees  
D/U ratio at contour 32.73 dB  
Radial 353.0 degrees  
Bearing to point on contour 53.4 degrees  
D/U ratio at contour 32.75 dB  
Radial 354.0 degrees  
Bearing to point on contour 53.4 degrees  
D/U ratio at contour 32.78 dB  
Radial 355.0 degrees  
Bearing to point on contour 53.4 degrees  
D/U ratio at contour 32.79 dB  
Radial 356.0 degrees  
Bearing to point on contour 53.4 degrees  
D/U ratio at contour 32.81 dB  
Radial 357.0 degrees  
Bearing to point on contour 53.4 degrees  
D/U ratio at contour 32.83 dB  
Radial 358.0 degrees  
Bearing to point on contour 53.4 degrees  
D/U ratio at contour 32.85 dB  
Radial 359.0 degrees  
Bearing to point on contour 53.5 degrees

Contour Overlap Evaluation from LPTV to LPTV Stations Complete



Contour Overlap to Proposed Station

Station  
K33BN 33 TAOS NM BLTT19910930AW  
  
Is inside contour of station  
K06FT 18 PENASCO NM BMJPTT 20000829AQQ  
  
Station  
K33BN 33 TAOS NM BPTT20010228AAK  
  
Is inside contour of station  
K06FT 18 PENASCO NM BMJPTT 20000829AQQ

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 OK toward AM broadcast stations

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Start of Interference Analysis

Channel	Call	City/State	ARN
18	K06FT	PENASCO NM	BMJPTT 20000829AQQ

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
18	K18DE	SOUTH FORK, ETC. CO	182.9	LIC	BLTT	-19940725JC
18	K18CT	RATON NM	129.1	LIC	BLTT	-19930311IH
19	KWBQ	SANTA FE NM	135.5	CP	BPCT	-20010322ABL

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Analysis of Interference to Affected Station 1

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
18	K18DE	SOUTH FORK, ETC. CO	BLTT	-19940725JC

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
15	KREZ-TV	DURANGO CO	119.4	CP MOD	BMPCDT	-20020913AAI
15	KREZ-DT	DURANGO CO	119.4	PLN	DTVPLN	-DTVP0163
18	K18DR	CORTEZ, ETC. CO	135.5	LIC	BLTTL	-20021203ACM
18	KRMA-TV	DENVER CO	258.6	CP	BPEDT	-19981023KH
18	KRMA-DT	DENVER CO	257.9	PLN	DTVPLN	-DTVP0297
18	KRMJ	GRAND JUNCTION CO	206.2	LIC	BLET	-19970807KL
18	K06FT	PENASCO NM	182.9	APP	BMJPTT	-20000829AQQ
33	KTLL-TV	DURANGO CO	119.1	LIC	BLCT	-20010330AFD

Proposal causes no interference

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## Analysis of Interference to Affected Station 2

### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
18	K18CT	RATON NM	BLTT	-19930311IH

### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
18	KRMA-TV	DENVER CO	321.3	CP	BPEDT	-19981023KH
18	KRMA-DT	DENVER CO	321.7	PLN	DTVPLN	-DTVP0297
18	KUPK-TV	GARDEN CITY KS	345.5	CP	BPCDT	-19991025ADQ
18	KUPK-DT	GARDEN CITY KS	345.5	PLN	DTVPLN	-DTVP0305
18	K06FT	PENASCO NM	129.1	APP	BMJPTT	-20000829AQQ
18	KPTF	FARWELL TX	296.4	LIC	BLCT	-20010405ADB

Proposal causes no interference

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## Analysis of Interference to Affected Station 3

### NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
19	NEW	SANTA FE NM	DTVPLN	-NPLN1053

### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
16	KRQE-DT	ALBUQUERQUE NM	69.9	PLN	DTVPLN	-DTVP0233
17	KAZQ-DT	ALBUQUERQUE NM	69.7	PLN	DTVPLN	-DTVP0271
19	KOCT-DT	CARLSBAD NM	361.3	PLN	DTVPLN	-DTVP0365
19	KAMR-DT	AMARILLO TX	375.2	PLN	DTVPLN	-DTVP0371
21	KOAT-DT	ALBUQUERQUE NM	69.6	PLN	DTVPLN	-DTVP0449
23	KNAT	ALBUQUERQUE NM	69.6	PLN	DTVPLN	-NPLN1183
26	KOB-DT	ALBUQUERQUE NM	69.8	PLN	DTVPLN	-DTVP0645
27	KASA-DT	SANTA FE NM	69.6	PLN	DTVPLN	-DTVP0679

Results for: 19N NM SANTA FE	DTVPLN	NPLN1053	PLN
within Noise Limited Contour	POPULATION	AREA (sq km)	
	151144	9681.2	

not affected by terrain losses	137877	7296.1
lost to NTSC IX	1476	233.3
lost to additional IX by ATV	0	0.0
lost to all IX	1476	233.3

# Analysis of current record

Channel	Call	City/State	Application	Ref. No.
19	KWBQ	SANTA FE NM	BPCT	-20010322ABL

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
16	KRQE-DT	ALBUQUERQUE NM	0.3	PLN	DTVPLN	-DTVP0233
17	KAZQ-DT	ALBUQUERQUE NM	0.1	PLN	DTVPLN	-DTVP0271
17	KAZQ	ALBUQUERQUE NM	0.1	CP	BPEDT	-20030326AHJ
18	K06FT	PENASCO NM	135.5	APP	BMJPTT	-20000829AQQ
19	KOCT-DT	CARLSBAD NM	339.1	PLN	DTVPLN	-DTVP0365
21	KOAT-TV	ALBUQUERQUE NM	0.2	CP MOD	BMPCDT	-20020321AAT
21	KOAT-DT	ALBUQUERQUE NM	0.2	PLN	DTVPLN	-DTVP0449
23	KNAT-TV	ALBUQUERQUE NM	0.2	LIC	BLCT	-19830401KG
26	KOB-TV	ALBUQUERQUE NM	0.2	CP	BPCDT	-19991027ACB
26	KOB-DT	ALBUQUERQUE NM	0.2	PLN	DTVPLN	-DTVP0645
27	KASA-DT	SANTA FE NM	0.2	PLN	DTVPLN	-DTVP0679
27	KASA-TV	SANTA FE NM	0.1	CP MOD	BMPCDT	-20030318ABE

Total scenarios = 2

Result key: 1  
Scenario 1 Affected station 3  
Before Analysis

Results for: 19N NM SANTA FE	BPCT	20010322ABL	CP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	765399	44467.1	
not affected by terrain losses	742804	37013.9	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	110	743.7	
lost to all IX	110	743.7	

Potential Interfering Stations Included in above Scenario 1

19A NM CARLSBAD	DTVPLN	DTVP0365	PLN
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## After Analysis

Results for: 19N NM SANTA FE	BPCT	20010322ABL	CP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	765399	44467.1	
not affected by terrain losses	742804	37013.9	
lost to NTSC IX	1518	187.9	
lost to additional IX by ATV	110	743.7	
lost to all IX	1628	931.6	

Potential Interfering Stations Included in above Scenario 1

19A NM CARLSBAD	DTVPLN	DTVP0365	PLN
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18N NM PENASCO                      BMJPTT      20000829AQQ   APP

Result key:                      2  
Scenario                      2   Affected station                      3  
Before Analysis

Results for: 19N NM SANTA FE                      BPCT                      20010322ABL   CP  
   POPULATION                      AREA (sq km)  
    within Noise Limited Contour                      765399                      44467.1  
    not affected by terrain losses                      742804                      37013.9  
    lost to NTSC IX                      0                      0.0  
    lost to additional IX by ATV                      110                      743.7  
    lost to all IX                      110                      743.7

Potential Interfering Stations Included in above Scenario                      2

19A NM CARLSBAD                      DTVPLN      DTVP0365                      PLN

After Analysis

Results for: 19N NM SANTA FE                      BPCT                      20010322ABL   CP  
   POPULATION                      AREA (sq km)  
    within Noise Limited Contour                      765399                      44467.1  
    not affected by terrain losses                      742804                      37013.9  
    lost to NTSC IX                      1518                      187.9  
    lost to additional IX by ATV                      110                      743.7  
    lost to all IX                      1628                      931.6

Potential Interfering Stations Included in above Scenario                      2

19A NM CARLSBAD                      DTVPLN      DTVP0365                      PLN  
18N NM PENASCO                      BMJPTT      20000829AQQ   APP

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Analysis of Interference to Affected Station                      4

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
18	K06FT	PENASCO NM	BMJPTT	-20000829AQQ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
16	KRQE-DT	ALBUQUERQUE NM	135.7	PLN	DTVPLN	-DTVP0233
18	KRMA-TV	DENVER CO	388.9	CP	BPEDT	-19981023KH
18	KRMA-DT	DENVER CO	388.8	PLN	DTVPLN	-DTVP0297
18	KRMJ	GRAND JUNCTION CO	386.8	LIC	BLET	-19970807KL
18	K18CT	RATON NM	129.1	LIC	BLTT	-19930311IH
18	NEW	SOCORRO NM	175.0	APP	BNPTT	-20000831ASL
18	KPTF	FARWELL TX	299.4	LIC	BLCT	-20010405ADB
21	KOAT-TV	ALBUQUERQUE NM	135.4	CP MOD	BMPCDT	-20020321AAT
21	KOAT-DT	ALBUQUERQUE NM	135.4	PLN	DTVPLN	-DTVP0449
25	KNME-DT	ALBUQUERQUE NM	135.6	PLN	DTVPLN	-DTVP0611
26	KOB-TV	ALBUQUERQUE NM	135.6	CP	BPCDT	-19991027ACB

26	KOB-DT	ALBUQUERQUE NM	135.6	PLN	DTVPLN	-DTPV0645
32	KAZQ	ALBUQUERQUE NM	135.4	CP MOD	BMPET	-20000501AIG
33	K33FK	ANGEL FIRE NM	56.9	LIC	BLTT	-20000622AEJ
33	K33BN	TAOS NM	19.5	CP	BPTT	-20010228AAK

Total scenarios = 3

Result key: 3  
 Scenario 1 Affected station 4  
 Before Analysis

Results for: 18N NM PENASCO

	BMJPTT	20000829AQQ	APP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	21993	3352.8	
not affected by terrain losses	20968	3117.0	
lost to NTSC IX	6189	63.9	
lost to additional IX by ATV	0	0.0	
lost to all IX	6189	63.9	

Potential Interfering Stations Included in above Scenario 1

33N NM TAOS BPTT 20010228AAK CP

Result key: 4  
 Scenario 2 Affected station 4  
 Before Analysis

Results for: 18N NM PENASCO

	BMJPTT	20000829AQQ	APP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	21993	3352.8	
not affected by terrain losses	20968	3117.0	
lost to NTSC IX	6349	123.9	
lost to additional IX by ATV	0	0.0	
lost to all IX	6349	123.9	

Potential Interfering Stations Included in above Scenario 2

18N NM SOCORRO BNPTT 20000831ASL APP  
 33N NM TAOS BPTT 20010228AAK CP

Result key: 5  
 Scenario 3 Affected station 4  
 Before Analysis

Results for: 18N NM PENASCO

	BMJPTT	20000829AQQ	APP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	21993	3352.8	
not affected by terrain losses	20968	3117.0	
lost to NTSC IX	6189	63.9	
lost to additional IX by ATV	0	0.0	
lost to all IX	6189	63.9	

Potential Interfering Stations Included in above Scenario 3

33N NM TAOS BPTT 20010228AAK CP

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