

TABULATION OF PREDICTED INTERFERENCE ANALYSIS
WITH RESPECT TO WFDT, AGUADA, PR (CHANNEL 288A)
PROPOSED FM TRANSLATOR W286DL, CHANNEL 286

Depression Angle from Antenna	Distance from Base (m)	Elevation Pattern Relative Field	Direct Ray Distance (m)	Effective Radiated Power (kW)	Effective Radiated Power (dBk)	Distance to IX Contour (m)*	Height Above Receive Antenna (m) [†]
85.0	1.8	1.000	21.1	0.2500	-6.02	7.0	14.1
80.0	3.7	1.000	21.3	0.2500	-6.02	7.0	14.3
75.0	5.6	1.000	21.7	0.2500	-6.02	7.0	14.7
70.0	7.6	1.000	22.3	0.2500	-6.02	7.0	15.3
65.0	9.8	1.000	23.2	0.2500	-6.02	7.0	16.2
60.0	12.1	1.000	24.2	0.2500	-6.02	7.0	17.2
55.0	14.7	1.000	25.6	0.2500	-6.02	7.0	18.6
50.0	17.6	1.000	27.4	0.2500	-6.02	7.0	20.4
45.0	21.0	1.000	29.7	0.2500	-6.02	7.0	22.7
40.0	25.0	1.000	32.7	0.2500	-6.02	7.0	25.7
35.0	30.0	1.000	36.6	0.2500	-6.02	7.0	29.6
30.0	36.4	1.000	42.0	0.2500	-6.02	7.0	35.0
25.0	45.0	1.000	49.7	0.2500	-6.02	7.0	42.7
20.0	57.7	1.000	61.4	0.2500	-6.02	7.0	54.4
15.0	78.4	1.000	81.1	0.2500	-6.02	7.0	74.1
10.0	119.1	1.000	120.9	0.2500	-6.02	7.0	113.9
5.0	240.0	1.000	240.9	0.2500	-6.02	7.0	233.9
4.0	300.3	1.000	301.0	0.2500	-6.02	7.0	294.0
3.0	400.7	1.000	401.3	0.2500	-6.02	7.0	394.3
2.0	601.4	1.000	601.7	0.2500	-6.02	7.0	594.7
1.0	1203.1	1.000	1203.3	0.2500	-6.02	7.0	1196.3

* The interfering contour is the 144 dBu contour. An elevation relative field figure of 1.000 indicates that this is a worst-case analysis. The predicted interfering contour extends to 7 m or less from the antenna in any direction.

[†] Positive figures indicate no contact of predicted contour with surface; and, thus, no interference predicted in accessible areas.