

TABULATION OF PREDICTED INTERFERENCE ANALYSIS  
WITH RESPECT TO WTPM, AGUADILLA, PR (CHANNEL 225B)  
W227DY, ARECIBO, PR, CHANNEL 227, 0.18 KW (MAX-DA), 57 M AGL, 126 M AMSL

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	4.8	0.076	55.2	0.0010	-29.83	35.0	20.2
80.0	9.7	0.086	55.8	0.0013	-28.76	39.0	16.8
75.0	14.7	0.096	56.9	0.0017	-27.80	44.0	12.9
70.0	20.0	0.089	58.5	0.0014	-28.46	40.0	18.5
65.0	25.6	0.059	60.7	0.0006	-32.03	27.0	33.7
60.0	31.8	0.001	63.5	0.0000	-67.45	1.0	62.5
55.0	38.5	0.075	67.1	0.0010	-29.95	34.0	33.1
50.0	46.2	0.144	71.8	0.0037	-24.28	65.0	6.8
45.0	55.0	0.170	77.8	0.0052	-22.82	77.0	0.8
40.0	65.5	0.120	85.6	0.0026	-25.86	55.0	30.6
35.0	78.5	0.001	95.9	0.0000	-67.45	1.0	94.9
30.0	95.3	0.161	110.0	0.0047	-23.31	73.0	37.0
25.0	117.9	0.243	130.1	0.0106	-19.74	110.0	20.1
20.0	151.1	0.161	160.8	0.0047	-23.31	73.0	87.8
15.0	205.3	0.118	212.5	0.0025	-26.01	54.0	158.5
10.0	311.9	0.517	316.7	0.0481	-13.18	235.0	81.7
5.0	628.7	0.863	631.1	0.1341	-8.73	392.0	239.1

\* The interfering contour is the 106.2 dBu contour.

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