

TABULATION OF PREDICTED INTERFERENCE ANALYSIS
WITH RESPECT TO WFID, RIO PIEDRAS, PR (CHANNEL 239B)
PROPOSED W237FF, CHANNEL 237, SAN JUAN, PR

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	1.0	20.1
80.0	3.7	1.000	21.3	0.2500	-6.02	1.0	20.3
75.0	5.6	1.000	21.7	0.2500	-6.02	1.0	20.7
70.0	7.6	1.000	22.3	0.2500	-6.02	1.0	21.3
65.0	9.8	1.000	23.2	0.2500	-6.02	1.0	22.2
60.0	12.1	1.000	24.2	0.2500	-6.02	1.0	23.2
55.0	14.7	1.000	25.6	0.2500	-6.02	1.0	24.6
50.0	17.6	1.000	27.4	0.2500	-6.02	1.0	26.4
45.0	21.0	1.000	29.7	0.2500	-6.02	1.0	28.7
40.0	25.0	1.000	32.7	0.2500	-6.02	1.0	31.7
35.0	30.0	1.000	36.6	0.2500	-6.02	1.0	35.6
30.0	36.4	1.000	42.0	0.2500	-6.02	1.0	41.0
25.0	45.0	1.000	49.7	0.2500	-6.02	1.0	48.7
20.0	57.7	1.000	61.4	0.2500	-6.02	1.0	60.4
15.0	78.4	1.000	81.1	0.2500	-6.02	1.0	80.1
10.0	119.1	1.000	120.9	0.2500	-6.02	1.0	119.9
5.0	240.0	1.000	240.9	0.2500	-6.02	1.0	239.9

* Based on worst-case assumption of elevation pattern relative field factor of 1.0.

[†] The interfering contour is the 159.4 dBu contour.

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