

TABULATION OF PREDICTED INTERFERENCE ANALYSIS  
WITH RESPECT TO WXY-FM, MIRAMAR, FL (CHANNEL 282C1)  
APPLICATION FOR CONSTRUCTION PERMIT  
MIAMI, FLORIDA, CHANNEL 284

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	0.8	0.030	9.0	0.000005	-53.47	1.0	8.0
80.0	1.6	0.050	9.1	0.000013	-49.03	1.0	8.1
75.0	2.4	0.110	9.3	0.000061	-42.18	1.0	8.3
70.0	3.3	0.190	9.6	0.000181	-37.44	1.0	8.6
65.0	4.2	0.300	9.9	0.000450	-33.47	2.0	7.9
60.0	5.2	0.390	10.4	0.000761	-31.19	3.0	7.4
55.0	6.3	0.467	11.0	0.001090	-29.62	3.0	8.0
50.0	7.6	0.544	11.7	0.001480	-28.30	4.0	7.7
45.0	9.0	0.618	12.7	0.001910	-27.19	5.0	7.7
40.0	10.7	0.690	14.0	0.002381	-26.23	5.0	9.0
35.0	12.9	0.756	15.7	0.002858	-25.44	6.0	9.7
30.0	15.6	0.817	18.0	0.003337	-24.77	6.0	12.0
25.0	19.3	0.873	21.3	0.003811	-24.19	7.0	14.3
20.0	24.7	0.916	26.3	0.004195	-23.77	7.0	19.3
15.0	33.6	0.952	34.8	0.004532	-23.44	7.0	27.8
10.0	51.0	0.980	51.8	0.004802	-23.19	7.0	44.8
5.0	102.9	0.993	103.3	0.004930	-23.07	7.0	96.3
4.0	128.7	0.995	129.0	0.004950	-23.05	7.0	122.0
3.0	171.7	0.996	172.0	0.004960	-23.05	7.0	165.0
2.0	257.7	0.997	257.9	0.004970	-23.04	7.0	250.9
1.0	515.6	0.998	515.7	0.004980	-23.03	7.0	508.7

\* The interfering contour is the 126.3 dBu contour.

† Positive figures indicate no contact of predicted interfering contour with the surface of the building roof. Therefore, there is no interference predicted on the ground, in the building, or at any accessible areas.