

# Interference Minimum Vertical Clearance

4109 E 131 St

Channel 287

103.5 MHz

Antenna: BKG77 2-bay 0.75 spaced

ERP: 180.0 Watts

AGL: 14.0 meters

Station:

WMJI

Signal at Site:

91.6 dBu

Depression Angle Below Horizontal	Antenna Relative Field	ERP (Watts)	Distance to Interfering Contour from Antenna (meters)	Horizontal Distance of Interfering Contour from Tower (meters)	Vertical Clearance of Interfering Contour above Tower Ground Level (meters)
0	1.000	180.0	24.7	24.7	14.0
5	0.967	168.3	23.9	23.8	11.9
10	0.871	136.6	21.5	21.2	10.3
15	0.711	91.0	17.6	17.0	9.4
20	0.518	48.3	12.8	12.0	9.6
25	0.310	17.3	7.7	7.0	10.8
30	0.112	2.3	2.8	2.4	12.6
35	0.062	0.7	1.5	1.3	13.1
40	0.198	7.1	4.9	3.8	10.9
45	0.288	14.9	7.1	5.0	9.0
50	0.336	20.3	8.3	5.3	7.6
55	0.349	21.9	8.6	5.0	6.9
60	0.331	19.7	8.2	4.1	6.9
65	0.295	15.7	7.3	3.1	7.4
70	0.246	10.9	6.1	2.1	8.3
75	0.197	7.0	4.9	1.3	9.3
80	0.151	4.1	3.7	0.6	10.3
85	0.122	2.7	3.0	0.3	11.0
90	0.117	2.5	2.9	0.0	11.1