

Interference Minimum Vertical Clearance

4109 E 131 St

Channel 260

99.9 MHz

Antenna: BKG88 2-bay 0.75 spaced

ERP: 99.0 Watts

AGL: 14.0 meters

Station:

WGAR-FM

Signal at Site:

87.1 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	99.0	30.8	30.8	14.0
5	0.967	92.6	29.8	29.7	11.4
10	0.871	75.1	26.8	26.4	9.3
15	0.711	50.0	21.9	21.2	8.3
20	0.518	26.6	16.0	15.0	8.5
25	0.310	9.5	9.5	8.7	10.0
30	0.112	1.2	3.4	3.0	12.3
35	0.062	0.4	1.9	1.6	12.9
40	0.198	3.9	6.1	4.7	10.1
45	0.288	8.2	8.9	6.3	7.7
50	0.336	11.2	10.3	6.7	6.1
55	0.349	12.1	10.7	6.2	5.2
60	0.331	10.8	10.2	5.1	5.2
65	0.295	8.6	9.1	3.8	5.8
70	0.246	6.0	7.6	2.6	6.9
75	0.197	3.8	6.1	1.6	8.1
80	0.151	2.3	4.7	0.8	9.4
85	0.122	1.5	3.8	0.3	10.3
90	0.117	1.4	3.6	0.0	10.4