

Interference Minimum Vertical Clearance

4109 E 131 St
 Antenna: BKG88 2-bay 0.75 spaced
 ERP: 25.0 Watts
 AGL: 14.0 meters

Channel 260
 99.9 MHz

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	25.0	15.5	15.5	14.0
5	0.967	23.4	15.0	14.9	12.7
10	0.871	19.0	13.5	13.3	11.7
15	0.711	12.6	11.0	10.6	11.2
20	0.518	6.7	8.0	7.5	11.3
25	0.310	2.4	4.8	4.3	12.0
30	0.112	0.3	1.7	1.5	13.1
35	0.062	0.1	1.0	0.8	13.4
40	0.198	1.0	3.1	2.3	12.0
45	0.288	2.1	4.5	3.2	10.8
50	0.336	2.8	5.2	3.3	10.0
55	0.349	3.0	5.4	3.1	9.6
60	0.331	2.7	5.1	2.6	9.6
65	0.295	2.2	4.6	1.9	9.9
70	0.246	1.5	3.8	1.3	10.4
75	0.197	1.0	3.0	0.8	11.1
80	0.151	0.6	2.3	0.4	11.7
85	0.122	0.4	1.9	0.2	12.1
90	0.117	0.3	1.8	0.0	12.2