

Exhibit 12: Figure 4 Interference Minimum Vertical Clearance

34-15-08, 84-27-49 NAD27 Channel 280 103.9 MHz

Antenna: Nicom 4-bay BKG77 0.85 Spaced

ERP: 250.0 Watts

AGL: 56 meters

Station:

Signal at Site:

WVEE

67.8 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	250.0	451.6	451.6	56.0
5	0.863	186.2	389.7	388.2	22.0
10	0.517	66.8	233.5	229.9	15.5
15	0.118	3.5	53.3	51.5	42.2
20	0.161	6.5	72.7	68.3	31.1
25	0.243	14.8	109.7	99.4	9.6
30	0.161	6.5	72.7	63.0	19.6
35	0.007	0.0	3.2	2.6	54.2
40	0.120	3.6	54.2	41.5	21.2
45	0.170	7.2	76.8	54.3	1.7
50	0.144	5.2	65.0	41.8	6.2
55	0.075	1.4	33.9	19.4	28.3
60	0.001	0.0	0.5	0.2	55.6
65	0.059	0.9	26.6	11.3	31.9
70	0.089	2.0	40.2	13.7	18.2
75	0.096	2.3	43.3	11.2	14.1
80	0.086	1.8	38.8	6.7	17.8
85	0.076	1.4	34.3	3.0	21.8
90	0.074	1.4	33.4	0.0	22.6