

Exhibit 12: Figure 3 Interference Minimum Vertical Clearance

ASR 1273503

Channel 248

97.5 MHz

Antenna: BKG77 4-bay 0.85 spaced

ERP: 130.0 Watts

AGL: 28.0 meters

Station:

KXBG CP

Signal at Site:

73.0 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	130.0	178.9	178.9	28.0
5	0.863	96.8	154.4	153.8	14.5
10	0.517	34.7	92.5	91.1	11.9
15	0.118	1.8	21.1	20.4	22.5
20	0.161	3.4	28.8	27.1	18.1
25	0.243	7.7	43.5	39.4	9.6
30	0.161	3.4	28.8	25.0	13.6
35	0.007	0.0	1.3	1.0	27.3
40	0.120	1.9	21.5	16.4	14.2
45	0.170	3.8	30.4	21.5	6.5
50	0.144	2.7	25.8	16.6	8.3
55	0.075	0.7	13.4	7.7	17.0
60	0.001	0.0	0.2	0.1	27.8
65	0.059	0.5	10.6	4.5	18.4
70	0.089	1.0	15.9	5.4	13.0
75	0.096	1.2	17.2	4.4	11.4
80	0.086	1.0	15.4	2.7	12.8
85	0.076	0.8	13.6	1.2	14.5
90	0.074	0.7	13.2	0.0	14.8