

Exhibit 12: Figure 5 Interference Minimum Vertical Clearance

KGRE(AM) Tower, ASR 121061

Channel 276

103.1 MHz

Antenna: Custom

ERP: 250.0 Watts

Station:

KTRR

AGL: 94.0 meters

Signal at Site:

76.5 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	165.8	165.8	94.0
5	0.827	171.0	137.2	136.6	82.0
10	0.416	43.3	69.0	67.9	82.0
15	0.006	0.0	1.0	1.0	93.7
20	0.206	10.6	34.2	32.1	82.3
25	0.187	8.7	31.0	28.1	80.9
30	0.043	0.5	7.1	6.2	90.4
35	0.089	2.0	14.8	12.1	85.5
40	0.134	4.5	22.2	17.0	79.7
45	0.094	2.2	15.6	11.0	83.0
50	0.020	0.1	3.3	2.1	91.5
55	0.043	0.5	7.1	4.1	88.2
60	0.074	1.4	12.3	6.1	83.4
65	0.075	1.4	12.4	5.3	82.7
70	0.059	0.9	9.8	3.3	84.8
75	0.039	0.4	6.5	1.7	87.8
80	0.021	0.1	3.5	0.6	90.6
85	0.009	0.0	1.5	0.1	92.5
90	0.000	0.0	0.0	0.0	94.0