

Interference Minimum Vertical Clearance

29-42-58.78 N 95-30-14.48 W NAD 83

Channel 273: 102.5 MHz

Antenna: Scala Custom

ERP: 70.0 Watts  
Above Floor of  
Top Floor 10.0 meters

Station: KLTN

Signal at Site: 91.3 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	70.0	16.0	16.0	10.0
5	0.993	69.0	15.9	15.8	8.6
10	0.980	67.2	15.7	15.4	7.3
15	0.952	63.4	15.2	14.7	6.1
20	0.916	58.7	14.6	13.7	5.0
25	0.873	53.3	13.9	12.6	4.1
30	0.817	46.7	13.0	11.3	3.5
35	0.756	40.0	12.1	9.9	3.1
40	0.690	33.3	11.0	8.4	2.9
45	0.618	26.7	9.9	7.0	3.0
50	0.544	20.7	8.7	5.6	3.3
55	0.467	15.3	7.5	4.3	3.9
60	0.390	10.6	6.2	3.1	4.6
65	0.300	6.3	4.8	2.0	5.7
70	0.190	2.5	3.0	1.0	7.1
75	0.110	0.8	1.8	0.5	8.3
80	0.050	0.2	0.8	0.1	9.2
85	0.030	0.1	0.5	0.0	9.5
90	0.030	0.1	0.5	0.0	9.5