

Channel-Six TV Protection Study

KAUZTV LI 06- 2C Dom 100.000 kW 311 M HAAT V HN
Wichita Falls TX 612M COR AMSL
Lat= 33 54 04, Lng= 98 32 21
Hoak Media Of Wichita Fall BLCT1576
Fac ID# 6864
Dist.=208.1851 km, Azi=288.8°, Rev Azi=107.6°

Direct line HAAT Grade B, 47 dBu= 104.91 km & Grade A= 55.47 km

Distance from reference to Grade B = 103.28 km

Cutoff Dist from Full Service= 193

Maximum Co-located power= 38 kW

KAUZTV Signal Contour at Reference location = 23.3 dBu

CH. 213, U/D ratio = 22.5 dB, Maximum FM signal = 69.5 dBu , add 6 dB if within angle.

TV/FM D to U values

47.0	69.5		55.0	68.7		63.0	70.2		71.0	74.9		79.0	81.2		87.0	87.9
48.0	69.3		56.0	68.8		64.0	70.7		72.0	75.6		80.0	82.0		88.0	88.7
49.0	69.0		57.0	68.8		65.0	71.1		73.0	76.4		81.0	82.8		89.0	89.6
50.0	68.8		58.0	68.9		66.0	71.7		74.0	77.2		82.0	83.7		90.0	90.5
51.0	68.8		59.0	69.0		67.0	72.2		75.0	78.0		83.0	84.5		91.0	90.5
52.0	68.7		60.0	69.3		68.0	72.8		76.0	78.8		84.0	85.3		92.0	90.5
53.0	68.7		61.0	69.5		69.0	73.5		77.0	79.6		85.0	86.2		93.0	90.5
54.0	68.7		62.0	69.8		70.0	74.2		78.0	80.4		86.0	87.0		94.0	90.5