

Channel-Six TV Protection Study

WOWTTV LI 06+ 2C Dom 100.000 kW 418 M HAAT V HY
Omaha NE 761M COR AMSL
Lat= 41 18 40, Lng= 96 01 37
Gray Television Licensee, BLCT19831024KI
Fac ID# 65528, Cutoff Date= 5 129
Dist.=99.22418 km, Azi=31.4°, Rev Azi=211.8°

Direct line HAAT Grade B, 47 dBu= 113.43 km & Grade A= 62.06 km

Distance from reference to Grade B = -14.21 km

Cutoff Dist from Full Service= 225

Maximum Co-located power= 8.3 kW

WOWTTV Signal Contour at Reference location = 52.2 dBu

CH. 205, U/D ratio = 9.7 dB, Maximum FM signal = 62.0 dBu , add 6 dB if within angle.

TV/FM D to U values

47.0	59.0	55.0	63.5	63.0	68.1	71.0	73.6	79.0	79.9	87.0	86.3
48.0	59.6	56.0	64.0	64.0	68.8	72.0	74.4	80.0	80.7	88.0	87.1
49.0	60.1	57.0	64.6	65.0	69.4	73.0	75.1	81.0	81.4	89.0	87.9
50.0	60.7	58.0	65.2	66.0	70.1	74.0	75.9	82.0	82.2	90.0	88.8
51.0	61.3	59.0	65.8	67.0	70.7	75.0	76.7	83.0	83.0	91.0	88.8
52.0	61.8	60.0	66.3	68.0	71.4	76.0	77.5	84.0	83.8	92.0	88.8
53.0	62.4	61.0	66.9	69.0	72.1	77.0	78.3	85.0	84.6	93.0	88.8
54.0	62.9	62.0	67.5	70.0	72.9	78.0	79.1	86.0	85.5	94.0	88.8