

# Channel-Six TV Protection Study

KMOHTV LI 06- 2C Dom 100.000 kW 592 M HAAT VDHN  
Kingman AZ 1377 M COR AMSL  
Lat= 35 01 57, Lng= 114 21 56  
Phoenix 6 Tv, Llc BLCT20020627AAL  
Fac ID# 24753, Cutoff Date=53897628  
Dist.=45.0341 km, Azi=259.1°, Rev Azi=78.8°

Direct line HAAT Grade B, 47 dBu= 127.22 km & Grade A= 72.02 km

Distance from reference to Grade B = -82.19 km

Cutoff Dist from Full Service or Class CA= 154

Maximum Co-located power= 100 kW

KMOHTV Signal Contour at Reference location = 79.5 dBu

CH. 220, U/D ratio = 14.8 dB, Maximum FM signal = 94.3 dBu , add 6 dB if within angle.

## TV/FM D to U values

47.0	86.0	55.0	84.1	63.0	83.9	71.0	87.2	79.0	93.9	87.0	100.9
48.0	85.7	56.0	83.9	64.0	83.9	72.0	88.0	80.0	94.7	88.0	101.8
49.0	85.3	57.0	83.8	65.0	84.0	73.0	88.9	81.0	95.6	89.0	102.6
50.0	85.0	58.0	83.8	66.0	84.4	74.0	89.7	82.0	96.5	90.0	103.5
51.0	84.8	59.0	83.7	67.0	84.8	75.0	90.5	83.0	97.4	91.0	103.5
52.0	84.7	60.0	83.7	68.0	85.3	76.0	91.4	84.0	98.3	92.0	103.5
53.0	84.5	61.0	83.8	69.0	85.9	77.0	92.2	85.0	99.2	93.0	103.5
54.0	84.3	62.0	83.8	70.0	86.6	78.0	93.0	86.0	100.1	94.0	103.5