

CH 6 TV Protection Study

There are no CH 6 TV stations within the required study distance of 196 km for FM channel 211. The closest CH 6 TV station is as follows:

KVIE LI 06Z 2E Dom 100.000 kW 550 M HAAT V HN
 Sacramento CA 553M COR AMSL
 N. Lat= 38 16 18, W. Lng= 121 30 22
 Kvie, Inc. BLET20030328ANE
 Fac ID# 538976288, Cutoff Date=
 Dist.=240.5 km, Azi=265.9°, Rev Azi=85.9°

Direct line HAAT Grade B, 47 dBu= 124.2 km & Grade A= 70.02 km

Distance from reference to Grade B = 116.3 km

Cutoff Dist from Full Service= 196

Maximum Co-located power= 26.3 kW

KVIE Signal Contour at Reference location = 21.4 dBu

CH. 211, U/D ratio = 20.3 dB, Maximum FM signal = 67.3 dBu , add 6 dB if within angle.

TV/FM D to U values

47.0	67.3		55.0	66.3		63.0	67.9		71.0	72.7		79.0	79.0		87.0	85.6
48.0	67.0		56.0	66.4		64.0	68.4		72.0	73.5		80.0	79.8		88.0	86.4
49.0	66.6		57.0	66.5		65.0	68.8		73.0	74.2		81.0	80.6		89.0	87.3
50.0	66.3		58.0	66.6		66.0	69.4		74.0	75.0		82.0	81.4		90.0	88.2
51.0	66.2		59.0	66.8		67.0	70.0		75.0	75.8		83.0	82.2		91.0	88.2
52.0	66.2		60.0	67.0		68.0	70.6		76.0	76.6		84.0	83.0		92.0	88.2
53.0	66.1		61.0	67.3		69.0	71.3		77.0	77.4		85.0	83.9		93.0	88.2
54.0	66.2		62.0	67.5		70.0	72.0		78.0	78.2		86.0	84.7		94.0	88.2