

**EXHIBIT 19**  
**CALVARY CHAPEL GRANGEVILLE**  
**NEW FM CHANNEL 202C2**  
**OCTOBER 2007**  
**TV Channel 6 Compliance Showing**

This proposal is .211.13km from KHQ-TV Spokane, WA a 87.1kW TV6 station with a CORAMSL of 1373m and 653m HAAT. This is within the guidelines of 257 km as shown in Table A of the 47 CFR, 73.525(c). This exhibit demonstrates that the proposed station will not cause interference in an area containing more than the 3,000 persons as specified in 73.525(c). This is done using Vertical Polarization.

**All Maps shown in this section are INTERDLG 4.1.10 © V-Soft Communications ® '99-04' Using FCC Method 03 arc sec engineering.**

The affected population in the area of interference was determined as follows:

- 1) A Chart was prepared tabulating the data from 73.599 Figure 2 for channel 202. It shows each protected contour of the TV station, the associated undesired/desired ratio, and the resultant interfering contour (= TV6 protected contour + U/D ratio) for the proposed FM station to create "just perceptible" interference.
- 2) A power correction is made for the vertical polarization. The resulting ERP is **0.0124kW** ( $=H+V/40=0+.495/40$  kW), since the Area of "Just Perceptible" Interference does not cross into a city of over 50,000 people.
- 3) A V-Soft INTERDLG Map (TV6Map) was prepared showing the predicted TV6 protected 47 dBu F(50,50) contour and the associated predicted FM interfering contour. Contours are calculated according to the procedures specified in 73.684 for the TV protected contours and 73.313 for the FM station interference contours. There is no prohibited contour overlap with KHQ-FM and the Proposed.

**Because the proposed contains less than the allowed maximum of 3,000 persons inside the Area of Interference, the Commission may properly grant the proposed construction permit.**

KHQTV-i nfo. TXT

Channel -Six TV Protection Study

KHQTV LI 06- 2C Dom 87.100 kW 653 M HAAT V HY  
 Spokane WA 1373M COR AMSL  
 N. Lat= 47 34 52, W. Lng= 117 17 47  
 Khq, Incorporated BMLCT19860805KF  
 Fac ID# 34537, Cutoff Date= 7  
 Dist.=211.1267 km, Azi=335.4°, Rev Azi=155.4°

Direct line HAAT Grade B, 47 dBu= 128.1 km & Grade A= 72.29 km

Distance from reference to Grade B = 83.03 km

Cutoff Dist from Full Service= 257

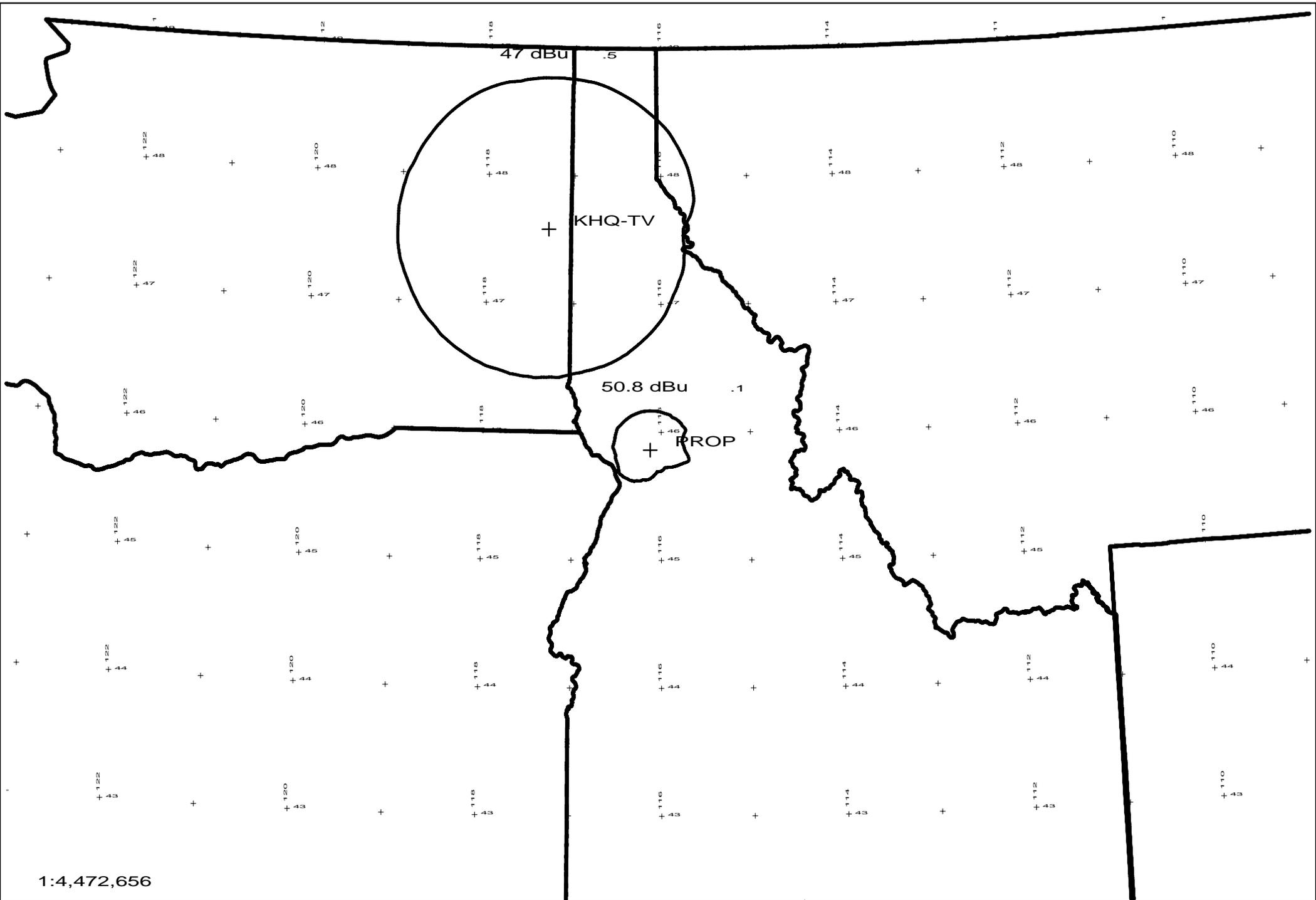
Maximum Co-located power= 1.9 kW

KHQTV Signal Contour at Reference location = 26.4 dBu

CH. 202, U/D ratio = 3.8 dB, Maximum FM signal = 50.8 dBu , add 6 dB if wi thin angle.

TV/FM D to U values

47.0	50.8	55.0	55.8	63.0	61.3	71.0	67.7	79.0	74.8	87.0	82.2
48.0	51.4	56.0	56.4	64.0	62.0	72.0	68.5	80.0	75.8	88.0	83.1
49.0	52.0	57.0	57.1	65.0	62.7	73.0	69.4	81.0	76.7	89.0	84.0
50.0	52.6	58.0	57.8	66.0	63.5	74.0	70.3	82.0	77.6	90.0	84.9
51.0	53.2	59.0	58.5	67.0	64.3	75.0	71.2	83.0	78.5	91.0	84.9
52.0	53.8	60.0	59.2	68.0	65.1	76.0	72.1	84.0	79.4	92.0	84.9
53.0	54.5	61.0	59.9	69.0	66.0	77.0	73.0	85.0	80.4	93.0	84.9
54.0	55.1	62.0	60.6	70.0	66.8	78.0	73.9	86.0	81.3	94.0	84.9



1:4,472,656

Scale in Mi



PROP 202C2 .0124kW 1892M AMSL  
 N. Lat. 45 51 42 W. Lng. 116 07 25

TV 6 Map  
 Grangeville, ID - 09/07