

EXHIBIT 18

KDJC BAKER, OR BLED- 20060922AFF

TV Channel 6 Compliance Showing

This proposal is 202.57km from KIVI Nampa, ID, a 56kW TV6 station with a CORAMSL of 2240m and 857m HAAT. This is within the guidelines of 265 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 possible because the proposed application uses vertical polarized radiation only.

The affect 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 201. 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) Since the proposed FM antenna is of vertical polarization, a power correction is made for the polarization. The resulting ERP is 0.15 kW ($=H+V/40=0.0+6/40$ kW), since the Area of Just Perceptible Interference does not cross into a city of over 50,000 people.
- 3) A map was prepared showing the predicted TV6 protected contours in the area of interest and the all associated predicted FM interfering contours over the same area. 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. To keep the map simple, only the 47dBu F(50,50) contour of KIVI and the 48-dBu F(50,10) contour of the proposed are shown.
- 4) The contour plot shows the portion of the 48-dBu F(50,10) contour lies within the interference area, the 47 dBu F(50,50) contour of KIVI (see Map close up), there are two(2) population centroids in this sparsely populated area of “just perceptible” inference, equaling a population count of 665, which is well within the 3,000 maximum required by 73.525(c).

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.

Channel-Six TV Protection Study

KIVI LI 06Z 2C Dom 56.000 kW 857 M HAAT V HN
Nampa ID 2240M COR AMSL
N. Lat= 43 45 21, W. Lng= 116 05 54
Journal Broadcast Corporat BLCT20011217AAZ
Fac ID# 59255, Cutoff Date= 3
Dist.=202.5692 km, Azi=138.1°, Rev Azi=318.1°

Direct line HAAT Grade B, 47 dBu= 135.18 km & Grade A= 78.31 km

Distance from reference to Grade B = 67.39 km

Cutoff Dist from Full Service= 265

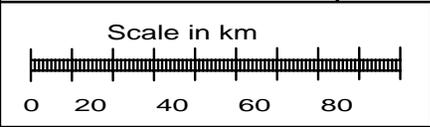
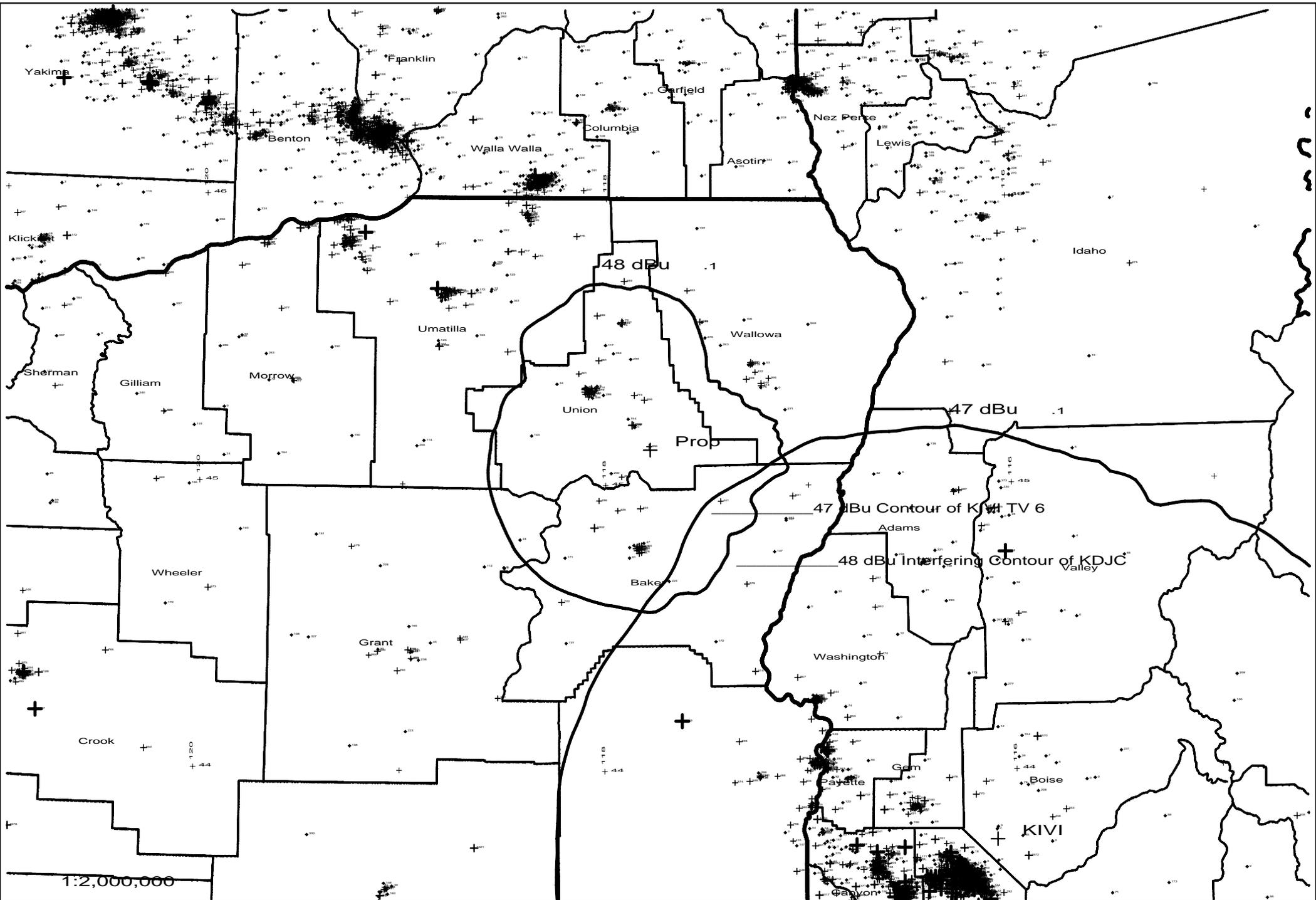
Maximum Co-located power= 1.1 kW

KIVI Signal Contour at Reference location = 29.9 dBu

CH. 201, U/D ratio = 1.0 dB, Maximum FM signal = 48.0 dBu , add 6 dB if within angle.

TV/FM D to U values

47.0	48.0		55.0	53.7		63.0	59.4		71.0	66.1		79.0	73.4		87.0	80.7
48.0	48.7		56.0	54.4		64.0	60.1		72.0	67.0		80.0	74.3		88.0	81.7
49.0	49.3		57.0	55.1		65.0	60.9		73.0	67.9		81.0	75.2		89.0	82.6
50.0	50.0		58.0	55.7		66.0	61.7		74.0	68.7		82.0	76.1		90.0	83.5
51.0	50.7		59.0	56.4		67.0	62.6		75.0	69.7		83.0	77.0		91.0	83.5
52.0	51.5		60.0	57.1		68.0	63.4		76.0	70.6		84.0	77.9		92.0	83.5
53.0	52.2		61.0	57.9		69.0	64.3		77.0	71.5		85.0	78.9		93.0	83.5
54.0	52.9		62.0	58.6		70.0	65.2		78.0	72.4		86.0	79.8		94.0	83.5



Prop 201C3 .15kW 1745M AMSL
 N. Lat. 45 07 26 W. Lng. 117 46 48

Baker, OR KDJC
 CSN - 01/07

