

Exhibit 18

TV Channel 6 Study

KIVI, Nampa, ID

The proposed site is 178.045 km from KIVI, a TV channel 6 station in Nampa, ID. This is well within the guidelines of 196 km shown in Table A, §73.525 of the Commission's rules. 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 site employs circularly polarized radiation.

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

1) A chart was prepared tabulating the data from §73.599 Figure 1. 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 vertically polarized, a power correction is made for the ratio of horizontal to vertical polarization. The equivalent power is $H + V/40 = 0 + 100/40 = 2.5$ kW, since the predicted area of interference lies entirely outside the limits of a city of 50,000 persons (§73.525(e)(4)(ii)).

3) A map was prepared showing the predicted TV6 protected contours in the area of interest and the 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.

4) The 47 dBu contour from KIVI does not cross the appropriate interfering contour from the proposed station.

5) The population within the "area of just perceptible interference" is therefore zero. The population living in the "area of interference," is thus well within the 3,000 maximum count required by §73.525(c).

KPVI, Pocatello, ID

The proposed site is 170.5 km from KPVI, a TV channel 6 station in Pocatello, ID. This is well within the guidelines of 196 km shown in Table A, §73.525 of the Commission's rules. 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 site employs vertically polarized radiation.

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

1) A chart was prepared tabulating the data from §73.599 Figure 1. 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 vertically polarized, a power correction is made for the ratio of horizontal to vertical polarization. The equivalent power is $H + V/40 = 0 + 100/40 = 2.5$ kW, since the predicted area of interference lies entirely outside the limits of a city of 50,000 persons (§73.525(e)(4)(ii)).

3) A map was prepared showing the predicted TV6 protected contours in the area of interest and the 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.

4) The 47 dBu contour from KPVI does not cross the appropriate interfering contour from the proposed station.

5) The population within the "area of just perceptible interference" is therefore zero. The population living in the "area of interference," is thus well within the 3,000 maximum count required by §73.525(c).

Since it has been demonstrated that the population in the "area of interference" is less than the statutory limit of 3,000, the Commission may properly grant the proposed construction permit.

Exhibit 18

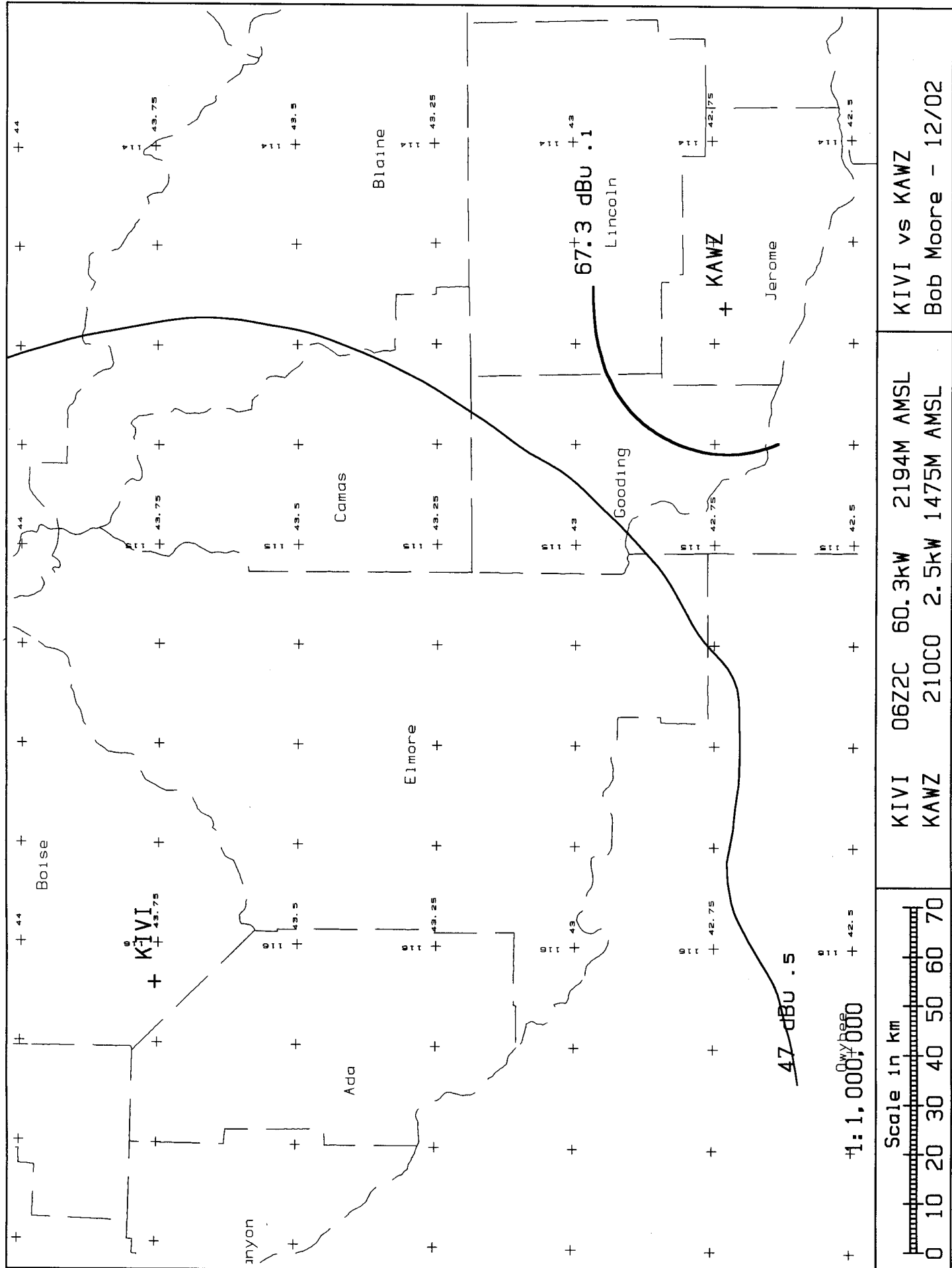
TV6 Interpolation

Channel 210 - 89.9 MHz

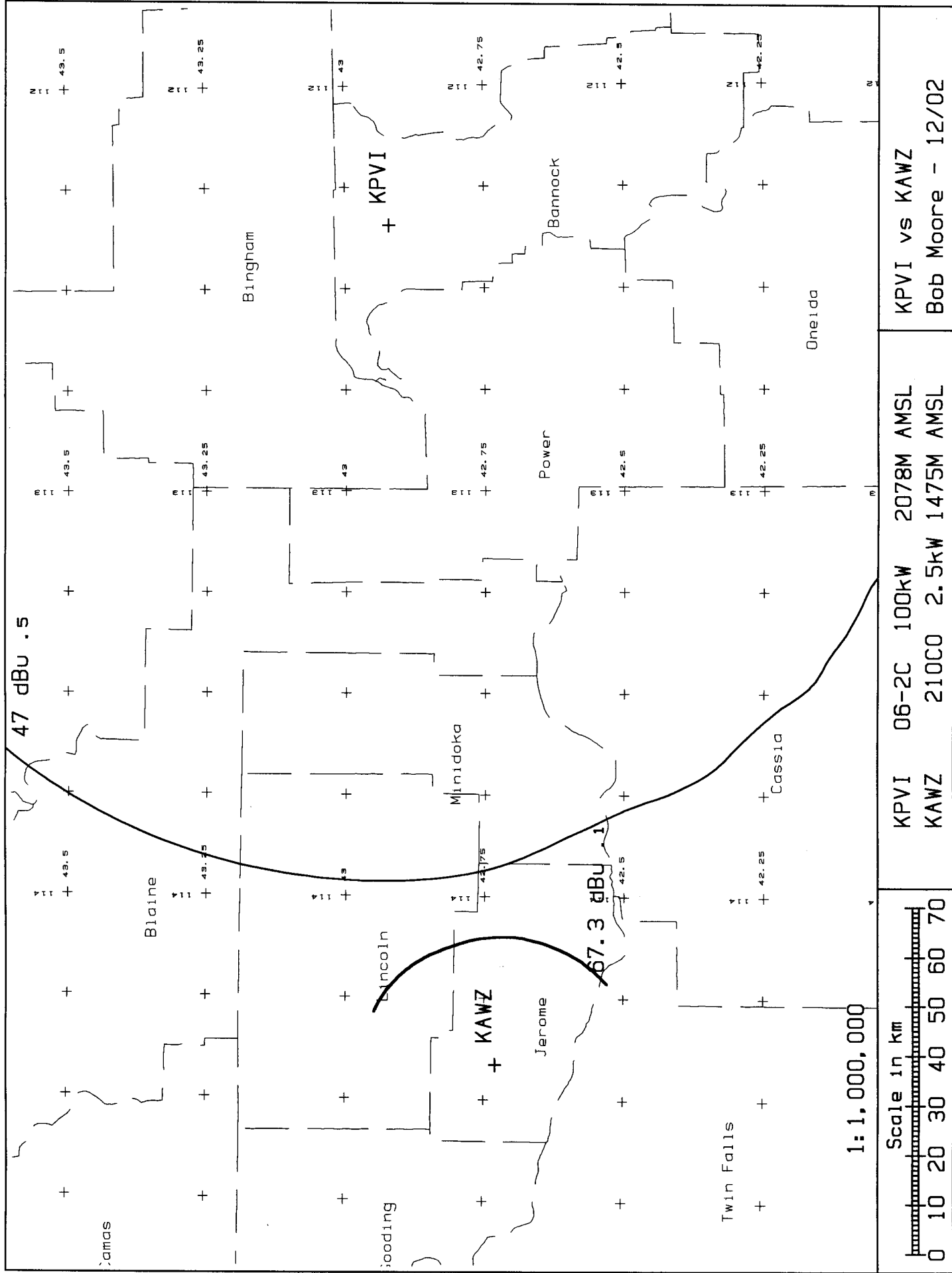
Report Radius 196 km.

TV Contour	Undesired/Desired Ratio	Total
47	20.3	67.3

Chan	06
Offset	Z
Call	KIVI
City	NAMPA
State	ID
Country	A
Svc Class	TV
Zone	2
Border	
Comment	
Lat	434520.0
Lon	1160555.0
ERP	60.3
HAAT m	811
RCAMSL m	2194
NotCityofAlloc	
EduOrCom	C
Owner	SAWTOOTH COMMUNICATIONS, INC.
AppRefNumb	BLCT2336
Status	LIC
Cutoff	
Docket	
Sequence	104187
Polarization	H
Directional	N
BeamTilt	N
Dir Azimuth	
Antenna Make	
Antenna Type	
Distance	178.045 km at 309.8 degr from N424347, W1142452.
Report Radius	196.000 km for FM channel 210



Chan	06
Offset	-
Call	KPVI
City	POCATELLO
State	ID
Country	A
Svc Class	TV
Zone	2
Border	
Comment	
Lat	425515.0
Lon	1122044.0
ERP	100
HAAT m	466
RCAMSL m	2078
NotCityofAlloc	
EduOrCom	C
Owner	OREGON TRAIL BROADCASTING COMPANY
AppRefNumb	BLCT2335
Status	LIC
Cutoff	
Docket	
Sequence	104201
Polarization	H
Directional	N
BeamTilt	N
Dir Azimuth	
Antenna Make	
Antenna Type	
Distance	170.508 km at 82.8 degr from N424347, W1142452.
Report Radius	196.000 km for FM channel 210



KPVI vs KAWZ
Bob Moore - 12/02

KPVI 06-2C 100kW 2078M AMSL
KAWZ 210C0 2.5kW 1475M AMSL