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New NCE, Philipsburg, Montana

INTERFERENCE TO TELEVISION CHANNEL 6

47CFR73.525 defines as affected any full-service television station operating on Television Channel 6 that is within 216 kilometers of an FM station operating on channel 211. A search of the commission's CDBS and LMS reveals one such station - the licensed facilities of KTVM-DT, Butte, Montana, which is 69 kilometers distant.

Attached is a map exhibit showing the location and extent of the area of predicted interference to KTVM, calculated according to the method outlined in 47CFR73.525(e).

The population residing within the area of predicted interference to KTVM-DT is 1,675.

The applicant believes the facilities proposed herein meet the requirements of 47CFR73.525, as regards interference to Television Channel 6.

Prop

Latitude: 46-15-48.70 N
Longitude: 113-15-03 W
ERP: 0.19 kW
Channel: 211
Frequency: 90.1 MHz
AMSL Height: 2488.0 m
Elevation: 2365.27 m
Horiz. Pattern: Omni
Vert. Pattern: No

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- KTVM Channel 6 F(50,50) Field Strength Contours
- Area of Predicted Interference to KTVM, Channel 6

46-20-00 N

Prop

55 dBu

60 dBu

65 dBu

70 dBu

Proposed vs KTVM-DT, Channel 6

Predicted Area of Interference - 1,025 Sq KM
Predicted Interference Population - 1,675

Population enumerated using Census Block Centroid method
Census 2010 Data

Scale 1:500,000

0 7 14 21 km

v-Sort Communications LLC AEC