

**73.525 Compliance**

There are several considerations outlined in 47 C.F.R. 73.525 for TV channel 6 protection. Outlined below are the various factors as they apply to the proposed operation and KPTW-TV.

**1. Distance between proposed operation and KPTW-TV**

47 C.F.R. 73.525(a)(1) requires a minimum separation of 257 kilometers for a channel 202 operation. The distance between the proposed station and KPTW-TV is 231.3 kilometers.

**2. Population Limitation**

When a proposed non-commercial station is not co-located with the channel 6 station in question, the applicant is required to show that the interference area (as predicted by the procedures outlined in 47 C.F.R. 73.525(e)(1)) contains no more than 3,000 persons.

The interfering contour of the proposed operation does not cross the Grade B contour of KPTW-TV (see Exhibit 18-A), therefore there is no interference area.

For the reasons outlined above, the proposed operation fully complies with the provisions of 47 C.F.R. 73.525.

## Exhibit 18 A

### KLJV

Latitude: 41-50-21 N  
Longitude: 103-49-53 W  
ERP: 0.39 kW  
Channel: 202  
Frequency: 88.3 MHz  
AMSL Height: 1532.0 m  
Elevation: 1486.0 m  
Horiz. Pattern: Omni  
Prop Model: None

### KPTW.C

BPET19960624KT  
Latitude: 42-44-26 N  
Longitude: 106-21-34 W  
ERP: 0.331 kW  
Channel: 06+  
Frequency: 85.5 MHz  
AMSL Height: 2501.0 m  
Elevation: 2426.63 m  
Horiz. Pattern: Directional  
Prop Model: None



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