

### **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 KMOSTV.

#### **1. Distance between proposed operation and KMOSTV**

47 C.F.R. 73.525(a)(1) requires a minimum separation of 154 kilometers for a channel 220 operation. The distance between the proposed station and KMOSTV is 143.15 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 KMOSTV (see Exhibit 19-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 19 - A

### KWJC

Latitude: 39-07-23 N  
Longitude: 094-23-24 W  
ERP: 7.00 kW  
Channel: 220  
Frequency: 91.9 MHz  
AMSL Height: 440.1 m  
Horiz. Pattern: Directional  
Vert. Pattern: No  
Prop Model: None

### KMOSTV

BLET20010926ACE  
Latitude: 38-37-36 N  
Longitude: 092-52-03 W  
ERP: 100.00 kW  
Channel: 06Z  
Frequency: 85.0 MHz  
AMSL Height: 864.0 m  
Horiz. Pattern: Omni  
Vert. Pattern: Yes  
Elec Tilt: 1.0  
Prop Model: None

 KWJC  
 KMOSTV

