

## TV CHANNEL 6 INTERFERENCE STUDY

A study of the Commission's database reveals that the nearest channel 6 television facility is KOTV Tulsa, OK. KOTV is located within the minimum distance specified by the Commission and therefore must be considered. KOTV operates with 100kW at 769m COR AMSL. Coordinates for KOTV are: 36-01-15 95-40-32

The KOTV contours were plotted on a map and the affected contour was found to be the 54.0 dBu contour. The proposed interfering contour 47.0 dBu - 80.0 dBu was determined by using the table in 47 CFR 73.599 (figure 1).

The population within an area of interference using a maximum of .75kW *could* cause interference to 2,950 persons according to the 2000 Census Block Data provided in this exhibit.

**Pursuant to Section 73.525 the above tabulations indicate that a population of less than 3,000 persons are affected by the proposed channel and as such the proposed is in compliance with 47 CFR 73.525 of the Commission's Rules.**