

TECHNICAL SUMMARY  
APPLICATION FOR CONSTRUCTION PERMIT  
TELEVISION STATION KAUT-TV  
OKLAHOMA CITY, OKLAHOMA  
CHANNEL 19 375 KW (H), 93.8 KW (V) 467 M HAAT

1. The instant application is the initial 90-day ‘Checklist’ application for the reassigned facilities of KAUT-TV, Oklahoma City, OK (Channel 19). The proposed KAUT-TV facility will be relocated to the former KFOR-TV (Channel 4) tower site\* and will share a new broadband non-directional antenna with the reassigned facilities of other UHF stations in the Oklahoma City market.

2. The proposed facility has been designed to meet the coverage and service requirements of the FCC’s Closing and Channel Reassignment (CCR) *Public Notice*. Specifically, using a non-directional effective radiated power of 375 kW, the proposed KAUT-TV facility will maintain its predicted interference-free service population level above the minimum 95% level relative to its reassignment baseline service level. In addition, the proposed KAUT-TV facility will maintain compliance with coverage requirement that there be no extension of the reassignment baseline contour of more than 1%. This is illustrated in the Predicted Coverage Contours exhibit (Figure 1).

3. As demonstrated in the FCC’s *TVStudy* analysis exhibit, the KAUT-TV proposal is fully compliant with the interference protection requirements.

4. Lastly, the instant proposal is compliant with the city coverage requirements of Oklahoma City, which is demonstrated in the Predicted Coverage Contours exhibit.

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\* See FCC Antenna Structure Registration Number 1043710.