

TECHNICAL SUMMARY
APPLICATION FOR CONSTRUCTION PERMIT
TV STATION KSLA
SHREVEPORT, LOUISIANA
CHANNEL 23 181 KW (ND) 541 m

1. The instant application is the initial 90 day application for the reassigned facilities of KSLA, Shreveport, Louisiana (Ch. 23). It is proposed to replace the existing side-mount nondirectional antenna with a new top-mount nondirectional antenna. The antenna radiation center height will change from 580.6 meters AMSL to 604.5 meters AMSL. There will be no change in the overall structure height of the existing tower.

2. The proposed maximum directional effective radiated power was adjusted to 181 kW to account for differences in the current and proposed antenna heights. Although there is some extension of the predicted service area relative to the baseline reassignment facility listed in the FCC's *Closing and Reassignment Public Notice*, the extension will not exceed 1% in any direction. The proposed facility is also compliant with the 95% population service requirement. In addition, the proposal complies with the city coverage requirements as demonstrated in the Predicted Coverage Contours exhibit.

3. The proposal complies with the FCC's interference protection requirements based on a cell size of 2.0 km and profile resolution of 1.0 points/km.

4. RFR Compliance: A RF Hazard statement is attached demonstrating that the proposed operation complies with the FCC's limits on human exposure to RF energy.