

TECHNICAL SUMMARY
APPLICATION FOR CONSTRUCTION PERMIT
TELEVISION STATION KTXL(TV)
SACRAMENTO, CALIFORNIA
CHANNEL 33 810 KW (H), 165.9 KW (V) 599 M HAAT

1. The instant application is the initial 90-day ‘Checklist’ application for the reassigned facilities of KTXL(TV), Sacramento, CA (Channel 33). The proposed KTXL(TV) facility will replace a top-mounted antenna with a top-mounted antenna of similar type. There will be no change in the overall structure height.

2. The ground elevation of the transmitter site was updated to agree with the antenna structure registration data. With that change, the antenna radiation center height above mean sea level is specified as 601.6 m. In addition, it is noted that the antenna radiation center height above average (HAAT) was re-calculated to the value in agreement with that given by the FCC’s *TVStudy* analysis software.

3. The proposed maximum directional effective radiated power was adjusted to 810 kW to account for the small change in azimuth pattern relative to the baseline reassignment facility. The proposal is compliant with the 1% extension criteria of the predicted service area relative to the baseline reassignment facility listed in the FCC’s Closing and Channel Reassignment (CCR) *Public Notice*. Also, the proposed facility is compliant with the 95% population service requirement relative to the CCR baseline facility as outlined in the CCR. See attached *TVStudy* Analysis.

4. The instant proposal is compliant with the principal city coverage requirements of Sacramento. This is illustrated in the Predicted Coverage Contours exhibit (Figure 1).