

TECHNICAL SUMMARY
REQUEST FOR SPECIAL TEMPORARY AUTHORITY (STA)
TELEVISION STATION KTXL (STA)
SACRAMENTO, CALIFORNIA
CHANNEL 40 200 KW (MAX-DA) 564 M HAAT

1. The instant request is for Special Temporary Authority (STA) for KTXL, Sacramento, CA, which is licensed for operation on Channel 40.* KTXL holds a construction permit for operation for its Incentive Auction repack facility, which will operate on Channel 22.†

2. The proposed STA system will be employed for use as an interim antenna to facilitate the repack of the KTXL facility from its licensed channel to its repack channel. Specifically, the KTXL STA facility will operate on Channel 40 using an antenna that is side-mounted on the existing KTXL main facility tower at a height of 566.0 m above ground level.‡ There will be no change in the overall height of the existing structure.

3. The KTXL facility is in Phase 9, which starts on March 14, 2020 and ends on May 1, 2020. The instant STA facility will be required for the transitional operation on Channel 40 beginning on March 10, 2020 until the new top-mounted main antenna for KTXL can be installed and made operational.

4. The proposed STA antenna system has been designed such that there will be no extension of the predicted noise-limited service contour of the STA facility beyond that of the licensed main facility. This is demonstrated in the attached Predicted Coverage Contours exhibit.

* See FCC File No. BLCDDT-20090918ABS, Facility ID 10205.

† See FCC File No. 0000030659.

‡ The tower structure is identified by FCC Antenna Structure Registration Number 1012278 and it has an overall height above ground level of 608.7 m.