

TECHNICAL SUMMARY
APPLICATION FOR CONSTRUCTION PERMIT
TELEVISION STATION KWHY-TV
LOS ANGELES, CALIFORNIA
CHANNEL 4 3.79 KW (H & V) 887 M HAAT

1. The instant application is the initial 90-day application for the reassigned facilities of KWHY-TV, Los Angeles, CA (Channel 4). The proposed KWHY-TV facility will replace a top-mounted pylon antenna with a new pole-mounted circularly-polarized 4-bay antenna at the current transmitter site. There will be no change in the overall structure height of the registered structure.

2. The instant proposal is for a UHF-to-VHF transitioning station. Pursuant to Section 73.3700(b)(1)(iii) of the FCC Rules, such stations are permitted to propose transmission facilities that extend the predicted service contour beyond the given baseline service level, provided that the proposal does not cause new interference to any other protected television station within the rounding tolerance of 0.5%. The instant proposal complies with this requirement as shown in the *TVStudy* Analysis exhibit.

3. It is noted that the proposed facility is compliant with the 95% population service requirement relative to the baseline facility for KWHY-TV as outlined in the FCC's Closing and Channel Reassignment (CCR) *Public Notice*.

4. The instant proposal is compliant with the city coverage requirements of Los Angeles based on the FCC's contour prediction model. This is illustrated in the Predicted Coverage Contours exhibit (Figure 1).

5. The proposal is located 188.8 km from the closest point on the border with Mexico. Therefore, the proposal is within the Mexican coordination zone. An interference analysis was conducted based on the latest version of *TVStudy* using the most recent database, which includes Mexican post-auction assignment records. Based on this, the proposal will not conflict with any Mexican allotments or assignments.