

TECHNICAL SUMMARY (AMENDMENT)

TELEVISION STATION KTLA(TV)
LOS ANGELES, CALIFORNIA
CHANNEL 35 1000 KW (H), 300 KW (V) 981 M HAAT

1. The instant application is for an expanded facility for the authorized facility of KTLA(TV), Los Angeles, CA (Channel 35).^{*} By means of this application the maximum effective radiated power (ERP) of KTLA will be increased to 1000 kW. The antenna model will be changed to a top-mounted pylon design with a different azimuth pattern shape. The change in antenna is necessary to meet the structural limitations of the existing self-supporting tower.

2. The proposed facility is compliant with the ‘largest station in the market’ provision of Section 73.622(f)(5) of the FCC Rules. It is proposed to operate on Channel 35 with a maximum directional ERP of 1000 kW and an antenna height above average terrain (HAAT) of 981 meters. These facilities exceed the normal maximum permissible facilities specified in Section 73.622(f)(8)(i) of the FCC Rules. However, the proposed facilities have been calculated in accordance with the largest station provision of Section 73.622(f)(5) of the FCC Rules. Specifically, the largest station in the Los Angeles market is KCOP-TV, Los Angeles, CA, Channel 13, which is licensed to provide noise-limited 36 dBu, f(50,90) service to an area of 56,870 square kilometers.[†] The proposed KTLA operation is predicted to provide noise-limited 41 dBu, f(50,90) service to an area of 55,650 square kilometers.[‡] Therefore, the proposed KTLA facility is compliant with the largest station provision of the FCC Rules.

3. The instant proposal is compliant with the interference protection requirements of the FCC Rules. The results the FCC’s *TVStudy* analysis are attached hereto as an exhibit.

^{*} See FCC File No. 0000025064.

[†] KCOP-TV is licensed for operation with a maximum directional ERP of 120 kW and an antenna HAAT of 905 m.

[‡] Clarification of the largest station provision is provided in the *Report and Order and Further Notice of Proposed Rule Making* in MM Docket No. 00-39 at paragraphs 73-74.