

May 7, 2021

SUPPLEMENTAL TECHNICAL EXHIBIT OF THE KXLA MINOR CHANGE APPLICATION FOR EXPANDED SERVICES

This exhibit summarizes major technical facility parameters and provides supplemental information regarding this application for KXLA-TV proposed technical facilities to expand its service area. This exhibit addresses 1) the interference analysis, 2) FCC Rule 73.622 allowing a station to increase its coverage to meet the “largest station in the market”, and 3) coordination with Mexico.

The basic operating parameters of the proposed facility are as follows:

Latitude: 34-13-35.3 N
Longitude: 118-04-00.9 W
ERP: 1000 kW
Channel: 30
Frequency: 569.0 MHz
AMSL Height: 1828.3 m
HAAT: 947 m
Antenna: ERI ATW24H6-ESC170-30H

SUMMARY OF INTERFERENCE ANALYSIS

The interference analysis attached to this application has evaluated all potentially impacted FCC authorized services and pending applications. The evaluation of each protected facility is detailed in the report. These potentially impacted services have been evaluated with the TV Study program as configured with standard defaults unless noted otherwise. The results indicate that the proposed facility complies with the applicable FCC rules and concludes any caused potential interference is de minimis (<0.5%). The results also indicate that KXLA will experience 0.78 &% interference from other stations. The licensee of KXLA agrees to accept this level of interference.

FACILITIES MATCH LARGEST STATION IN THE MARKET.

FCC Rule 73.622 (f) (5) allows stations to make application that provide coverage up to the largest station in its market. KCOP is the largest station in the Los Angeles DMA. KCOP has an area over land of 42052 sq km. The coverage of the proposed KXLA facility covers 32917 sq km over land. While it is not as large as KCOP, it is expected to provide sufficient reception for KXLA's viewership. In order to obtain this coverage, the ERP increases to 1000 kW, which is greater than normally associated with the 947 meter HAAT determined by TVStudy but allowed with this rule.

COORDINATION WITH MEXICO

The location of the proposed facility is within the coordination distance with Mexico, thus requiring coordination with Mexico. The applicant recognizes this and will provide any other information that may be needed in order to process this request.

Sincerely,

A handwritten signature in black ink, appearing to read "Gregorio B. B. P.E.", written in a cursive style.

Consulting Engineer