

**Engineering Statement  
Minor Modification of Licensed Facility  
KICU-TV Channel 36 San Jose, CA  
November 27, 2017**

The purpose of this application is to modify the Post-Incentive Auction Facility of KICU-TV Channel 36 San Jose, CA as permitted during the current Filing Window.

The change proposed in this application is to increase the effective radiated power (ERP) from 550 kW to 860 kW.

An analysis using the FCC's TVStudy software with its default settings has indicated that KICU-TV can increase its ERP to 860 kW without causing new interference to other stations above the allowable de minimis limit. A copy of the TVStudy analysis results file showing no interference above the allowable de minimis limit is attached to this application.

It is noted the 860 kW ERP exceeds the limit for the HAAT (688 m); however, the proposed increase is in accordance with Section 73.622(f)(5), to achieve a coverage area on par with the "largest station in the market". The KICU-TV proposed facility at 860 kW appears to be smaller than KNTV, Channel 13, also licensed to San Jose, CA.

The predicted coverage area of KNTV is 42,212.1 square kilometers whereas the predicted coverage area of the proposed KICU-TV facility is only 41,431.7 square kilometers

The TVStudy analysis returned an alert that the proposal is within the coordination distance of the FCC monitoring station at Livermore, CA, and calculated a predicted field strength of 13.7 mV/m from KICU-TV. Applicant has made notification to FCC staff regarding this alert.

William R. Meintel  
Senior Partner  
Meintel, Sgrignoli, & Wallace, LLC