

**Updated Engineering Statement  
Modification of Application File No. 0000035707  
KTBC Channel 7 Austin, TX  
September 2, 2021**

The purpose of this application modification is to change the previously proposed effective radiated power (ERP) from 180 kW to 160 kW. No other changes are being made.

An analysis using the FCC's TVStudy software with its default settings has indicated that KTBC can increase its ERP to 160 kW without causing new interference to other stations above the allowable de minimis limit with one exception. The exception being to the proposed channel change of station KCWX Fredericksburg, TX from channel 5 to channel 8; however, this proposal was filed after the pending KTBC application (0000035707) and therefore does not require protection by KTBC. A copy of the TVStudy interference analysis results file showing no interference above the allowable de minimis limit to other stations requiring protection is attached to this application.

It is noted the 160 kW ERP exceeds the limit for the HAAT (381 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 KTBC proposed facility at 160 kW appears to be smaller than KAKW-DT, Channel 13, licensed to Killeen, TX (same DMA as KTBC). The predicted coverage area of KAKW-DT is 46,784.0 square kilometers whereas the predicted coverage area of the proposed KTBC facility is only 45,230.6 square kilometers.

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