

**Engineering Statement  
Minor Modification of Licensed Facility  
KTXH Channel 19 Houston, TX  
November 28, 2017**

The purpose of this application is to modify the Post-Incentive Auction Facility of KTXH Channel 19 Houston, TX as permitted during the current Filing Window.

The change proposed in this application is to move the station 2.1 km where it will be collocated with station KRIV and a slight increase in antenna height from 614.8 m AMSL to 617 m AMSL. The ERP and antenna pattern will remain the same.

An analysis using the FCC's TVStudy software with its default settings has indicated that KTXH can make the proposed move 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 1,000 kW ERP exceeds the limit for the HAAT (598 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 KTXH proposed facility at 1,000 kW appears to be smaller than KUHT, Channel 8, also licensed to Houston, TX.

The predicted coverage area of KUHT is 47,415.6 square kilometers whereas the predicted coverage area of the proposed KTXH facility is only 41,892.6 square kilometers

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