

TECHNICAL SUMMARY  
APPLICATION FOR CONSTRUCTION PERMIT  
TELEVISION STATION KIAH(TV)  
HOUSTON, TEXAS  
CHANNEL 34 922 KW (H), 162.7 KW (V) 580 M HAAT

1. The instant application is the initial 90-day ‘Checklist’ application for the reassigned facilities of KIAH(TV), Houston, TX (Channel 34). The proposed KIAH(TV) facility will replace a side-mounted antenna with a side-mounted antenna of similar type. There will be no change in the overall structure height.
2. The ground elevation of the transmitter site was updated to agree with the antenna structure registration data. With that change, the antenna radiation center height above mean sea level is specified as 599.1 m. In addition, it is noted that the antenna radiation center height above average (HAAT) was re-calculated considering all changes to the value in agreement with that given by the FCC’s *TVStudy* analysis software.
3. There is no extension of the predicted service area relative to the baseline reassignment facility listed in the FCC’s Closing and Channel Reassignment (CCR) *Public Notice*. Also, the proposed facility is compliant with the 95% population service requirement relative to the CCR baseline facility as outlined in the CCR.
4. The instant proposal is compliant with the principal city coverage requirements of Houston. This is illustrated in the Predicted Coverage Contours exhibit (Figure 1).