

TECHNICAL SUMMARY
APPLICATION FOR CONSTRUCTION PERMIT
TELEVISION STATION WHNS(TV)
GREENVILLE, SOUTH CAROLINA
CHANNEL 17 364 KW (H), 182 KW (V) 759 M HAAT

1. The instant application is the initial 90-day ‘Checklist’ application for the reassigned facilities of WHNS(TV), Greenville, SC (Channel 17). The proposed WHNS(TV) facility will replace its existing top-mounted pylon antenna with a new top-mounted pylon antenna of similar type, which will operate on Channel 17. There will be no change in the overall height of the existing tower structure.

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 1527.7 m. In addition, it is noted that the antenna radiation center height above average (HAAT) was re-calculated 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 Greenville. This is illustrated in the Predicted Coverage Contours exhibit (Figure 1).