

TECHNICAL SUMMARY  
APPLICATION FOR CONSTRUCTION PERMIT  
TELEVISION STATION WTVR-TV  
RICHMOND, VIRGINIA  
CHANNEL 23 392 KW 346 M HAAT

1. The instant application is the initial 90-day ‘Checklist’ application for the reassigned facilities of WTVR-TV, Richmond, VA (Channel 23). The proposed WTVR-TV facility will employ its existing top-mounted broadband panel antenna with no physical changes in the installation. The existing antenna is a Dielectric model TUC-O5-14/70H-1-T, which will operate on Channel 23.
2. The elevation pattern for the proposed facility is attached hereto based on the elevation pattern for the licensed Channel 25 facility. Because of the small change in frequency, the elevation pattern is expected to be nearly identical to the attached licensed pattern.
3. 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.
4. 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.
5. The instant proposal is compliant with the principal city coverage requirements of Richmond. This is illustrated in the Predicted Coverage Contours exhibit (Figure 1).