

TECHNICAL SUMMARY
APPLICATION FOR CONSTRUCTION PERMIT
TELEVISION STATION WVPX-TV
AKRON, OHIO
CHANNEL 22 900 KW (H), 385.7 KW (V) 294 M HAAT

1. The instant application is the initial 90-day ‘Checklist’ application for the reassigned facilities of WVPX-TV, Akron, OH (Channel 22). The proposed WVPX-TV facility will replace a top-mounted antenna with a new top-mounted antenna of similar type at the same height. There will be no change in the antenna radiation center height above ground and there will be no change in the overall structure height as a result of the change.

2. The ground elevation of the transmitter site was updated to agree with the antenna structure registration data, which results in a minor change in the antenna radiation center height above mean sea level from 614.1 m to 613.8 m. In addition, it is noted that the antenna radiation center height above average (HAAT) has been revised to agree with the calculated value given by the FCC’s *TVStudy* analysis software.

3. The maximum effective radiated power (ERP) was adjusted to 900 kW to account for azimuthal pattern differences between the proposal and the FCC baseline facility for WVPX-TV.

4. The proposed transmitter site is located within the Canadian border coordination zone. However, 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*. Therefore, the proposal is compliant with the CCR requirements domestically and with respect to Canadian assignments.

5. Also, the proposed facility is compliant with the 95% population service requirement relative to the CCR baseline facility as outlined in the CCR.

6. The instant proposal is compliant with the city coverage requirements of Akron. This is illustrated in the Predicted Coverage Contours exhibit (Figure 1).