

TECHNICAL SUMMARY
APPLICATION FOR CONSTRUCTION PERMIT
TELEVISION STATION KSAX(TV)
ALEXANDRIA, MINNESOTA
CHANNEL 24 55.3 KW (H), 16.6 KW (V) 361 M HAAT

1. The instant application is the initial 90-day ‘Checklist’ application for the reassigned facilities of KSAX(TV), Alexandria, MN (Channel 24). The proposed KSAX(TV) facility will utilize a new top-mounted omni-directional pylon to be mounted on a supporting pole with an increase in the antenna radiation center height from 354.4 m AGL to 359.1 m AGL. There will be no change in the overall structure height, since the new antenna will fit within the aperture space of the existing top-mounted antenna to be removed from the top of the tower.
2. With the change in antenna radiation center height above ground, the new antenna radiation center height above mean sea level is specified as 772.7 m. In addition, it is noted that the antenna radiation center height above average (HAAT) was re-calculated considering all changes
3. The predicted service area of the proposed facility is within 1% of the KSAX(TV) baseline reassignment facility listed in the FCC’s Closing and Channel Reassignment (CCR) *Public Notice*. See FCC *TVStudy* analysis exhibit.
4. The proposed facility is compliant with the 95% population service requirement relative to the CCR baseline facility as outlined in the CCR.
5. Lastly, the instant proposal is compliant with the city coverage requirements of Alexandria, which is demonstrated in the Predicted Coverage Contours exhibit.