

**Engineering Statement  
Minor Modification of Construction  
WVEC Channel 11 Hampton, VA  
November 1, 2017**

The purpose of this application is to modify the Post-Incentive Auction Facility Construction Permit of WVEC Channel 11 Hampton, VA as permitted during the current "Maximization Filing Window".

The change proposed in this application is to increase the effective radiated power (ERP) from 35 kW to 41 kW.

An analysis using the FCC's TVStudy software with its default settings has indicated that WVEC can increase its ERP to 41 kW without causing new interference to other stations above the allowable de minimis limit. A copy of the TVStudy analysis results file showing no interference above the allowable de minimis limit is attached to this application.

Although the ERP is above that allowed based on the HAAT, the proposed increase is in accordance with Section 73.622(f)(5), to achieve a coverage area on par with the "largest station in the market". The WVEC's proposed facility at 41 kW appears to be smaller than WSKY, Channel 13, licensed to Manteo, North Carolina.

**DETERMINATION OF THE "LARGEST STATION IN THE MARKET"**

It appears from an analysis of the stations that are licensed to communities located in the Norfolk-Portsmouth-Newport News Designated Market Area (DMA) that the largest station in geographic area is WSKY, Channel 13, licensed to Manteo, North Carolina with a predicted coverage area of 37,173.6 square kilometers.

The instant application to increase WVEC's ERP to 41 kW results in a predicted coverage area of 37,149.8 square kilometers. Therefore, WVEC is entitled, according to Section 73.622(f)(5), to the proposed increase in its ERP to 41 kW.

William R. Meintel  
Senior Partner  
Meintel, Sgrignoli, & Wallace, LLC