

## **Engineering Statement**

### **Minor Modification of WXPX Bradenton, FL Channel 29**

This Engineering Statement has been prepared on behalf of ION Media License Company, LLC, licensee of television station WXPX and permittee of Construction Permit File Number 0000027004 Facility ID # 6601 at Bradenton, Florida. The statement was prepared in support of a Minor Amendment to the outstanding Construction Permit for the FCC's "Maximization Window" filing as herein proposed.

The instant application proposes to increase WXPX's ERP to 1000 kW, utilize a directional antenna pattern at the height above average terrain (HAAT) of 475 m.

The proposed facility is compliant with the 'largest station in the market' provision of Section 73.622(f)(5) of the FCC Rules. It is proposed to operate on Channel 29 with a maximum directional ERP of 1000 kW and an antenna height above average terrain (HAAT) of 475 meters. These facilities exceed the normal maximum permissible facilities specified in Section 73.622(f)(8)(i) of the FCC Rules. However, the proposed facilities have been calculated in accordance with the largest station provision of Section 73.622(f)(5) of the FCC Rules. Specifically, the largest station in the Tampa market is WTVT, Tampa, FL, Channel 12, which is licensed to provide noise-limited 36 dBu, f(50,90) service to an area of 43,998 square kilometers. The proposed WXPX-DT operation is predicted to provide noise-limited 41 dBu, f(50,90) service to an area of 41,120 square kilometers. Therefore, the proposed WXPX-DT facility is compliant with the largest station provision of the FCC Rules.

It is noted that the proposed facility is predicted to cause new interference to other broadcasters, including WRBW in Orlando and WRMD-CD in Tampa. However, licensee intends to negotiate and sign an interference agreement with those affected parties and submit such documentation upon execution.