

## **WPXN-TV Request for Engineering Special Temporary Authority**

### Description of Request

WPXN-TV, New York, New York (FIN 73356) ("WPXN") has a construction permit for operation on post-auction channel 34 from One World Trade Center (LMS File Number 0000034356). WPXN hereby requests special temporary authority (STA) to test this facility on post-auction channel 34 before permanently ceasing operation on its pre-auction channel 31. This testing is necessary to insure the combiner and antenna system will work properly on the new, post-auction channel. An engineering STA is required because WPXN testing on post-auction channel 34 is predicted to cause interference above the allowed two percent threshold of 11.15 percent to WCAU, Philadelphia, PA (FIN 63153) and WWSI, Mount Laurel, NJ (FIN 23142) (together with WCAU "NBCU Stations"), terrain limited coverage on its pre-auction channel 35 when studied with Longley Rice error codes ignored. This worst case scenario was used to speed analysis in an environment where other stations may or may not be operating on the pre-auction channels.

WPXN will coordinate testing dates and times with the NBCU Stations at least 24 hours before testing begins. An agreement from the NBCU Stations agreeing to accept interference from WPXN testing on its post-auction channel 34 is attached. To the extent possible, testing will take place during overnight hours after midnight and before 5 AM.

A grant of this engineering STA request is in the public interest as it will allow the NBCU Stations to remain on air and serve the majority of the viewers in their service area, while WPXN completes testing essential to a successful transition prior to the August 2 phase 4 deadline.

### Environmental

This engineering STA will use the facility previously authorized in WPXN-TV Construction Permit LMS File Number 0000034356. Refer to the application for that facility for a complete environmental analysis.