

WAXN DRT Displacement and Interference Considerations

Call Sign: WAXN-TV

Station Type: Digital Replacement Translator

Licensee: WSOC Television, LLC

File Number: BLCDT-20100630BZK

Facility ID: 12793

Location: China Grove, NC

Current Channel: 36

Proposed Channel: 30

Displacement Causes

Reason for displacement is predicted interference greater than 0.5 percent to Post-Incentive-Auction Spectrum Repack facilities of Full-Service stations WFMY-TV on Channel 35 and WUNE-TV on Channel 36.

Proposed Facility

The proposed replacement for the facility being displaced will remain at the existing location and operate on Channel 30 at 12 kW ERP using a directional antenna having the same pattern and orientation as the currently licensed facility.

Interference Analysis

An interference analysis was conducted, applying the FCC TVStudy program version 2.2.5. The Study Cell Size used was 0.5 km, and the Profile Point Spacing used was 0.1 km. Use of those parameters is requested in any confirming studies. A copy of the results obtained is included in the attachments to the current application. The study results show no impermissible interference to any other stations. The study results also show 7.62 percent interference to the proposal from other stations, a significant portion of which (4.28 percent) originates uniquely with another DRT on Channel 30 owned by WSOC Television, LLC, which other DRT will be displaced and moving elsewhere. Thus, the level indicated is several percent higher than will eventually result and is acceptable to the applicant.

Contingent Application

To ensure that as many potential channels as possible are available for displaced translator stations, the FCC has stated that it will permit stations to file displacement applications proposing channels that are currently occupied by repacked full power and Class A stations. See Incentive Auction Task Force and Media Bureau Announce Post-Incentive Auction Special Displacement Window, *Public Notice*, DA 18-124 (rel. Feb. 9, 2018) at ¶7 (*"Public Notice"*). WAXN accordingly requests waiver of the contingent application rule, 47 C.F.R. § 73.3517, as necessary to process and grant the instant application. Studies of Pre-Transition interference to current stations and operations show potential interference to only one station: WXII on Channel 31 in Winston-Salem, NC, with predicted new interference of 0.56 percent. Full operation of the proposed WAXN DRT displacement facilities therefore will be contingent upon WXII moving to its new assignment on Channel 16. WAXN agrees to the condition that it will not begin

transmitting on Channel 30 prior to the discontinuance of operations by WXII. *Public Notice* at ¶17. However, prior to the move of WXII to its new assignment, operation of the proposed WAXN-DRT facility may be possible at reduced power or through an interference acceptance agreement with the licensee of WXII, in which cases any necessary approval by the FCC will be sought. Otherwise, to the extent necessary, therefore, waivers are requested of the provisions of the contingent application rules in §73.3517 and §73.3700(g)(2)(i) and/or any other rules that would be implicated by this application.