

Engineering Statement and Interference Analysis

This application proposes a minor modification to WAZT-LD on channel 45 in Woodstock, Virginia, Facility ID 197832.

The transmitter site of the proposed facility is 28.05 miles from the operating facility of WAZT-CA (FCC Application Reference Number 20140709ACL) and the protected contours of the instant application and the above referenced facility overlap. This proposed facility on channel 45 was studied using the Techware's tv_process_2010 software on a Sun Blade 1500 using the post transition data, the 2010 U.S. Census, and a current station data base. The Applicant requests that the Commission processes this instant application using the standard Longley-Rice analysis settings:

- Cell Size for Service Analysis is 1.0 km/side
- Distance Increments for Longley-Rice Analysis is 0.20 km

It is believed that the proposed facility complies with the requirements Sections 47.C.F.R Sections 74.709, 74.793(e), 74.793(f), 74.793(g), 74.793(h), 74.794(b) and 73.1030 and other applicable parts of the Rules and Regulations of the Federal Communications Commission. However, to the degree that it is deemed necessary, the Applicant requests a waiver of these other applicable Commission rules in order to allow for the grant of this instant application.

Digital TV Station Protection

The proposed operation causes less than 0.5% interference to surrounding digital assignments and allotments and facilities (i.e., "*de minimis*"). It is believed that the proposed operation is in compliance with the spirit and intent of the FCC's interference standards.

Class A, Low Power TV and TV Translator Station Protection

The proposed facility causes less than 0.5% interference to surrounding low power and Class A authorized facilities (i.e., "*de minimis*"). It is believed that the proposed operation is in compliance with the spirit and intent of the FCC's interference standards.