

### **Engineering Statement and Interference Analysis**

This application proposes a minor change to the licensed facility of Class A television station WAZT-CA, Channel 10, Woodstock, VA, Facility ID 57905, FCC File No. BLTVA-20030718ADF, licensed to the Applicant herein.

The proposed facility on channel 10 was studied using the Techware's tv\_process\_2010 software on a Sun Blade 1500 using the post transition data and the 2010 US Census. The Applicant requests that the Commission processes this instant application using the following standard Longley-Rice analysis settings:

- Cell Size for Service Analysis is 1.0 km/side
- Distance Increments for Longley-Rice Analysis is 1.00 km

This Application is minor in nature and can be granted immediately because the contours are not being extended in any direction. There is no change in the output channel, the proposed transmitter location is within 30 miles of the reference coordinates of the existing station's antenna location, and the proposed F(50,50) 68 dBu contour is fully contained within the licensed F(50,50) 68 dBu contour.

It is believed that the proposed facility complies with the requirements of 47.C.F.R Sections 73.6011, 73.6012, 73.6013, 73.6014, 73.6020, 73.1030, 74.709, 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.

#### **National Radio Quiet Zone**

The proposed facility is outside of the National Radio Quiet Zone and therefore coordination and approval from the NRQZ is not required.

#### **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.