

Engineering Statement and Interference Analysis

This application proposes to amend BMPTDL-20141029ACI which is a minor modification of digital companion channel construction permit BDCCDTL-20131227ADV (“DCC CP”) for Class A television station WAZT-CA, Channel 10, Woodstock, VA, Facility ID 57905, licensed to WMTM, LLC (“WMTM”).

The 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 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

Reason for Amendment

The pending minor modification application increases the population served versus the population served within the DCC CP. This amendment changes the transmission facility so that the proposed population served is less than that in the existing DCC CP.

Minor Change Will Serve Fewer Persons

This amendment changes the transmission facility so that the proposed population served is less than that in the existing DCC CP.

For the authorized DCC CP, tv_process analysis shows the following identical results for Scenarios 1, 2 and 3:

	POPULATION	AREA (sq km)
within Noise Limited Contour	355800	7436.5

For the proposed facility, tv_process analysis shows the following identical results for Scenario 1, 2, and 3:

Results for: 45A VA WOODSTOCK HAAT 241.0 m, ATV ERP 4.8 Kw	USERRECORD01	APP
	POPULATION	AREA (sq km)
within Noise Limited Contour	355486	3668.2

As indicated above, the facility proposed in this amendment serves a population of 355,486 which is 314 fewer people than the population of 355,880 served by the DCC CP. All Scenarios show the population served in the proposed facility is either equal or fewer than that of the authorized DCC CP. The area served by the proposed facility is 3,768.3 sq km less than the area served by the DCC CP. Therefore, this application is immediately grantable.

It is believed that the proposed facility complies with the requirements of 47 C.F.R. Sections 47.C.F.R Sections 74.709, 74.793(e), 74.793(f), 74.793(g), 74.793(h), 74.794(b),

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 Section 74.787 and 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.