

Engineering Statement and Interference Analysis

This technical statement supports this application to modify BDFCDTA-20121022ACG ("CP"), a digital flash cut construction permit on channel 45 in Uniontown, PA for WAZT-CA, Facility ID 257.

The proposed facility was studied using the Techware's tv_process_2010 software on a Sun Blade 1500 using the post transition database and the 2010 US Census. The default analysis settings have been changed to provide greater specificity in the analysis. The Applicant requests that the Commission process this application using the following Longley-Rice analysis settings:

Cell Size for Service Analysis of 1.0 km per side
Distance Increments for Longley-Rice Analysis of 1.0 km

It is believed that the proposed facility complies with the requirements 47.C.F.R Sections 73.6016, 73.6017, 73.6018, 73.6019, 73.6020, 73.6027, 74.794(b) 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.

Proposed Minor Modification Will Serve Fewer Persons

Analysis by tvprocess shows the population within the Noise Limited Contour of the existing CP is 241,180.

Analysis by tvprocess shows the population within the Noise Limited Contour of the proposed minor modification is 240,297.

The proposed minor modification facility serves 883 fewer persons than the existing CP facility.

Digital TV Station Protection

The proposed facility 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 assignments and allotments (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.