

Engineering Statement and Interference Analysis

This technical statement supports this application to modify digital low-power television station W41DN-D, Channel 41, Port Jervis, NY, FCC File No. BMPDTL-20090630AHF, Facility ID 167314.

The proposed channel 41 facility was studied using the Techware's tv_process_dlptv_pt software on a Sun Blade 1500 using the post transition data and the 2000 US Census. The Cell Size for Service Analysis is 1.0 km/side and the Distance Increments for Longley-Rice Analysis is 1.00 km. This application does not cause any predicted interference to any of the other proposals. The proposed facility herein will continue to overlap its 51 dBu contour with the 74 dBu contour of its paired analog station W32DC (Facility ID 128164). It is believed that the proposed facility complies with the requirements Sections 74.709, 74.793(e)-(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 these other applicable Commission rules in order to allow for the grant of this instant application.

TV Broadcast Analog System Protection

The proposed operation causes less than 0.5% interference to surrounding analog 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.

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 operation 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.