

Engineering Statement and Interference Analysis

This technical statement supports this application to modify BDISDTA-20110913AAQ for digital Class A television station WTSD-CD, Channel 16, Philadelphia, PA, Facility ID 53579.

Proposed Changes

The only changes proposed herein are:

- Change in the transmitting antenna
- Change in transmitter output power

There is no change in the transmitter site and the height of radiation center on the tower.

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 2000 US Census. This application does not cause any predicted interference to any of the other proposals. It is believed that the proposed facility complies with the applicable rules of 47.C.F.R Sections 73.6016, 73.6017, 73.6018, 73.6019, 73.6020, 73.6027 and 74.794(b). 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 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.