

ENGINEERING STATEMENT & INTERFERENCE ANALYSIS

This application proposes a digital companion channel facility to be associated with W42CX-D, Facility ID 127813, licensed to the Applicant herein.

The proposed 22 digital facility 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 process this application using the following Longley-Rice analysis settings:

Cell Size for Service Analysis of 0.5 km per side
Distance Increments for Longley-Rice Analysis of 0.5 km

It is believed that the proposed facility complies with the requirements of Sections 74.709, 74.793(e)(f)(g)(h) and other applicable parts of the Rules and Regulations of the Federal Communications Commission.

Digital TV and Class A Station Protection

The proposed facility on channel 22 is predicted to cause interference to FCC file number 0000010741 for WEPT-CD, Facility ID 30429, which is also licensed to the Applicant. The Applicant hereby consents to accept this interference.

Except as referenced above, 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.

Low Power TV and TV Translator Station Protection

The proposed operation causes less than 2.0% 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.