

### **Engineering Statement and Interference Analysis**

This is a digital displacement relief application to move Class A television station W40CN-D from its licensed channel 40 in Sugar Grove, IL, FCC File No. BLDTA-20110103ACG, Facility ID 71111 to digital channel 33 in Sugar Grove, IL. The proposed channel 33 facility was studied using the Techware's tv\_process\_dlptv software on a Sun Blade 1500.

#### **Displacement Relief**

W40CN-D is displaced off of channel 40 due to interference to DTV station WIFR on channel 41 in Freeport, IL, Facility ID 4689, FCC File No. BMPCDT-20081110ADQ, at 0.6639% Scenario 1. Therefore, the Applicant proposes to move W40CN-D to channel 33.

The Applicant hereby requests a waiver of 47.C.F.R. Sections 73.6016, 73.6017, 73.6018, 73.6019, 73.6020, 73.6027 and 74.794(b) and other applicable parts of the Rules and Regulations of the Federal Communications Commission that is deemed necessary 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 on channel 33 interferes with WCHU-LD, channel 33, Chicago, IL, Facility ID 129745, FCC File No. BLDTL-20110928ALC. The Applicant has obtained a waiver to accept interference from the licensee of WCHU-LD, see Exhibit 11, Attachment A.

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.