

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

This technical statement supports this application for a new construction permit of a low power television station on channel 60 at Bellingham, WA. FCC File No. BNPTTL-20000831ATK.

This application is filed pursuant to the public notice (DA 06-2291) released on November 13, 2006 where the proposed application is determined not mutually exclusive with any other proposals and are therefore deemed “singletons”. The proposed channel 60 facilities were studied using the Techware’s tv\_process-dlptv software on a Sun Blade 1500.

#### **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. If necessary, a waiver of the FCC rules is respectfully requested for this analog allocation study based on use of the OET-69 procedures.

#### **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. If necessary, a waiver of the FCC rules is respectfully requested for this digital allocation study based on use of the OET-69 procedures.

#### **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 applications (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. If necessary, a waiver of the FCC rules is respectfully requested for this low power allocation study based on use of the OET-69 procedures.

This application does not cause any predicted interference to any of the other proposals. To the degree it is deemed necessary, the applicant requests a waiver of Section 74.705, 74.706, 74.707, 74.708, 74.709 and 74.710 and other applicable parts of the Rules and Regulations of the Federal Communications Commission in order to allow for the grant of this instant application.