Engineering Statement and Interference Analysis

This technical statement supports this application to make minor changes in the licensed facility of K06MU, Facility ID 63149, Big Bear Lake, CA, FCC File Number 0000004322.

The proposed 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 1.0 km per side
- Distance Increments for Longley-Rice Analysis of 1.0 km

Coordination with Mexico Not Required

The proposed facility is 205.9 km from the Mexican border, has an antenna height above average terrain at 871 meters and has an ERP that is not in excess of 0.5 kW. Therefore, it is in accordance with the *Agreement for the Assignment of VHF Television Channels along United States-Mexican Border effected by exchange of Notes of April 1962, as amended* and Mexican concurrence is not required.

Digital TV Station Protection

The proposed facility causes less than 0.5% interference to surrounding digital authorized facilities (i.e., "*de minimis*").

Class A, Low Power TV and TV Translator Station Protection

The proposed facility is predicted to cause additional interference of 94.4914%, Scenario 1, to BPTVA-20090630AFD for KSFV-CD, licensed to Venture Technologies Group, LLC. However, the Applicant has received an interference acceptance letter, see Attachment A. Except for the station referenced above, the proposed facility of K06MU causes less than 0.5% new interference to surrounding Class A authorized facilities and less than 2.0% new interference to low power television authorized facilities (i.e., "*de minimis*").