

## **Engineering Statement and Interference Analysis**

The application proposed herein is a digital displacement application on channel 6 for digital low power television station KMRZ-LD, licensed to Venture Technologies Group (“Applicant”) on channel 22 in Los Angeles, CA, Facility ID 167312, FCC File No. BLDTL-20121212ABD.

Public Notice DA 15-212 requires the use of Form 2100 in the LMS to file applications for construction permits as of February 23, 2015. However, Form 2100 in the LMS does not allow the Applicant to change information such as the channel number. As a result, the LPD Channel number listed in this application is not the channel number the Applicant proposes. The channel number proposed herein is LPD Channel 6.

### **Digital Displacement Relief**

KMRZ-LD is displaced off of channel 22 because of interference with co- and adjacent channel. Therefore, the Applicant seeks displacement relief and proposes to move KMRZ-LD from channel 22 to channel 6.

The proposed facility on channel 6 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.

### **Digital TV Station Protection**

The proposed facility causes less than 0.5% interference to surrounding digital authorized 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 6 is predicted to cause interference to the facilities listed below. However, because these facilities are also licensed to the Applicant, the interference is accepted.

- 10.5389% worst case interference in Scenario 1 to BLTVL-20141113AGL, the licensed facility of KRPE-LP, Facility ID 129651.
- 94.4914% worst case interference in Scenario 1 to BPTVA-20090630AFD, a pending application to modify the licensed analog facility of KSFV-CD, Facility ID 191101.

Except for the facilities referenced in above, the proposed operation causes less than 0.5% interference to surrounding low power and Class A authorized 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.