

# **DELAWDER COMMUNICATIONS, INC.**

2121 Eisenhower Avenue, Suite 200

Alexandria, Virginia 22314

(703) 299-9222

## **ENGINEERING REPORT**

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Alma Vision Hispanic Network, Inc.

KTAV-LP: Displacement to Channel 6(-) Amendment

### **EXHIBIT 8**

#### **LPTV MINOR AMENDMENT – INTERFERENCE STUDIES**

1. Alma Vision Hispanic Network, Inc. ("Applicant") is the licensee of KTAV-LP, Altadena, CA, analog channel 69 with a pending analog displacement minor modification application (FCC File No. BDISTVL-20080509ADD) proposing a change to channel 6(-). By this minor amendment to BDISTVL-20080509ADD, Applicant is re-locating the proposed transmitter site to N 34° 17' 03"; W 118° 28' 17" (NAD 27)—a move of 38 kilometers (24 miles) west—with a continued analog displacement to channel 6(-). From the amended transmitter site, Applicant further amends to propose a change in the community of license to Van Nuys, CA, with an omnidirectional 0.99 kW ERP facility. No other changes are proposed. Because KTAV-LP currently operates on an out-of-core channel, the proposed displacement to channel 6 is a minor change.

2. The use of minus frequency offset is made in order to add protection to and from any nearby analog co-channel station. The applicant will maintain the requested offset per 47 C.F.R. Section 74.761 by use of a precision oscillator supplied by the transmitter manufacturer.

3. Because the ERP of this VHF station does not equal or exceed 1.0 kW and since the antenna height above average terrain is below 500 meters, coordination with Mexico is not required for this facility that is located more than 140 kilometers from the US/Mexican Border.

4. Figure 1, attached, demonstrates contour overlap between the licensed channel 69 facility's 74 dBu F50,50 contour and the amended channel 6 facility's 62 dBu F50,50 contour.

5. Attached as Figure 2 are the OET-69 study results for the proposed facility (as the referenced station) as determined on a Sun Computer using a Solaris (Unix-based) operating system and using the same OET-69 software as developed for use by the FCC. (According to the software developer, the program used herein provides identical results as the FCC's OET-69 processing program.) Except for those stations also licensed, authorized or proposed by the applicant, or those stations that have consented to predicted interference from this proposal, the proposed facility adequately protects all US broadcast stations as required by the FCC Rules. All studies are conducted in accordance with current FCC Rules and Regulations.

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6. The Applicant accepts any existing and future interference that may result from any primary or secondary TV station that is otherwise deemed to have status priority to the herein-proposed facility.

**FIGURE 1: KTAV-LP, VAN NUYS, CA:  
MAP SHOWING AMENDED CONTOUR OVERLAP WITH LICENSED FACILITY**

