

DELAWDER COMMUNICATIONS, INC.

2121 Eisenhower Avenue, Suite 200

Alexandria, Virginia 22314

(703) 299-9222

ENGINEERING REPORT

Alma Vision Hispanic Network, Inc.

KTAV-LP: STA for Channel 6(-) at Van Nuys, CA

EXHIBIT 22

LPTV STA – INTERFERENCE STUDIES

1. Alma Vision Hispanic Network, Inc. (“AlmaVision”) is the licensee of KTAV-LP, Altadena, CA, analog channel 69 with a pending analog displacement minor modification application (FCC File No. BDISTVL-20080509ADD, as amended) proposing a change to channel 6(-). By this STA request, AlmaVision proposes to operate from a transmitter site at 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 STA transmitter site, AlmaVision specifies a 0.99 kW ERP facility serving Van Nuys, CA. (Since a community change cannot be made in the STA request form, itself, it is proposed here.) More specifically, this STA request proposes the same facilities proposed in BDISTVL-20080509ADD, as amended.

2. The extraordinary circumstances justifying the grant of STA in this instance are as follows: Currently, KTAV-LP operates on out-of-core Channel 69. The only channel deemed currently available to KTAV-LP for in-core displacement is Channel 6. AlmaVision wishes to move from its out-of core channel as expeditiously as possible and continue to serve its audience with Spanish-language religious programming on an in-core channel. AlmaVision is prepared to construct the STA facilities immediately upon FCC grant of this request. It will be in the paramount public interest to grant the instant STA request because AlmaVision has received intermittent complaints from Sprint-Nextel regarding KTAV-LP’s operations on Channel 69. While AlmaVision has addressed the Sprint-Nextel complaints as they have arisen, nonetheless, AlmaVision justifiably wishes to avoid further issues with Sprint-Nextel, and Sprint-Nextel obviously would like AlmaVision to operate KTAV-LP on a channel other than Channel 69. The STA for Channel 6 will allow AlmaVision to do so. As discussed below, the STA facility will adequately protect the current primary and secondary TV environment in accordance with all FCC Rule requirements.

3. 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.

4. 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.

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

6. 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.

7. AlmaVision 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 STA CONTOUR OVERLAP WITH LICENSED FACILITY**

