

# DELAWDER COMMUNICATIONS, INC.

P.O. Box 1095

Ashburn, Virginia 20146-1095

(703) 299-9222

## ENGINEERING REPORT

---

J. B. Salazar

K42GJ, San Antonio, TX: Site Move Minor Modification

### EXHIBIT 8

### LPTV MINOR MODIFICATION – INTERFERENCE STUDIES

1. J. B. Salazar (“Applicant”) is the licensee of K42GJ, San Antonio, TX with an authorized site-move to N 29° 41’ 06”; W 98° 26’ 59” (NAD 27) (FCC File No. BPTTL-20090423ADD). By this analog minor modification of the CP, Applicant proposes a change to an omni-directional antenna at the newly-authorized site. K42GJ will continue to operate on channel 42(z).

2. Attached as Figure 1 is a map showing 74 dBu (F50,50) service contour overlap between the licensed and herein proposed K42GJ facilities. Because there is no proposed channel change, and given that the licensed and proposed service contours overlap, this filing qualifies as a minor modification application.

3. The use of zero 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. At the proposed ERP of less than 10 kW, this application does not require coordination with Mexico or Canada.

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.) As demonstrated by Figure 2, the proposed facility adequately protects all required US broadcast stations as required by the FCC Rules. All studies are conducted in accordance with current FCC Rules and Regulations.

6. The applicant accepts any interference that is predicted to exist to the proposed facility by any licensed, authorized or previously proposed primary TV station. The applicant also accepts any interference that is predicted to exist to the proposed facility by any secondary TV facility that is given preferential status by the FCC over the Applicant’s herein proposed facility.

**FIGURE 1: K42GJ, SAN ANTONIO, TX: MAP SHOWING CONTOUR OVERLAP WITH LICENSED FACILITY**

