

Engineering Statement and Interference Analysis

This technical statement supports this application to make minor changes in K33HU on channel 67 in Banning, CA. FCC File No. BNPTTL-20000831AVX, Facility ID 128327.

In this application, the Applicant is proposing to modify K33HU from channel 33 to 67. K33HU has been displaced by an upgraded KSMV-LP (Facility ID 14002, FCC File No. BLTTL-20020725AAP). At the time that K33HU was originally applied for, KSMV-LP was operating on channel 44 in Simi Valley, CA. Since that time, it has migrated to channel 33 at Los Angeles, CA. While K33HU does not interfere with KSMV-LP, it now receives significant interference from KSMV-LP. See Attachment A. It's service area is completely enclosed within the F(50,10) interfering contour of KSMV-LP.

The proposed channel 67 facilities were studied using the Techware Inc.'s lptv_process software on a Sun Blade 1500 and the results are attached hereto. The study performed a contour study in accordance with FCC rules 74.705, 74.706 and 74.707 and are included as Attachment B. Also included is a contour overlap study, see Attachment C, which demonstrates that because the protected 74 dBu contour of the existing facility and that proposed herein, this application is minor in nature.

TV Broadcast Analog System Protection

As demonstrated, the proposed operation causes less than 0.5% interference to surrounding analog assignments and allotments (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. If necessary, a waiver of the FCC rules is respectfully requested for this analog allocation study based on use of the OET-69 procedures.

Digital TV Station Protection

As demonstrated, the proposed operation causes less than 0.5% interference to surrounding digital assignments and allotments and 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. If necessary, a waiver of the FCC rules is respectfully requested for this digital allocation study based on use of the OET-69 procedures.

Low Power TV and TV Translator Station Protection

As demonstrated, the proposed operation causes less than 0.5% interference to surrounding low power assignments and allotments (i.e., “*de minimis*”) except for interference to KNLA-LP, on channel 67 (Facility ID 72270, FCC File No. BLTTL-200030203CII). KNLA-LP has applied for, and has been placed on a grant list for, a new construction permit on channel 27 (FCC File No. BPTTL-20031219AUA). If KNLA-LP moves to channel 27, this instant application is grantable with no waiver request. Nevertheless, as the ownership of KNLA-LP is in the same as that of K33HU, KNLA-LP grants a waiver to agree to accept interference from the proposed facility of this instant K33HU application. It is believed that the proposed operation is in compliance with the spirit and intent of the FCC’s interference standards. If necessary, a waiver of the FCC rules is respectfully requested for this low power allocation study based on use of the OET-69 procedures.

This application does not cause any predicted interference to any of the other proposals. The applicant requests a waiver of Section 74.705, 74.706, and 74.707 and other applicable parts of the Rules and Regulations of the Federal Communications Commission in order to allow for the grant of this instant application.