

Engineering Statement and Interference Analysis

This technical statement supports this application to make changes in KEBK-LP on channel 47 in Bakersfield, CA. FCC File No. BLTTL-20070808ABM, Facility ID 128230.

In this application, the Applicant is proposing to modify the maximum ERP in any horizontal and vertical angle from 50kW to 150kW. No other changes are proposed. The proposed channel 47 facilities were studied using the Techware's tv_process_dlptv software on a Sun Blade 1500.

TV Broadcast Analog System Protection

The proposed operation causes less than 0.5% interference to surrounding analog 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. If necessary, a waiver of the FCC rules is respectfully requested for this analog allocation study based on use of the OET-69 procedures, and all possible variance from FCC rules.

Digital TV Station Protection

The proposed operation 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. If necessary, a waiver of the FCC rules is respectfully requested for this digital allocation study based on use of the OET-69 procedures, and all possible variance from FCC rules.

Class A, Low Power TV and TV Translator Station Protection

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. 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, and all possible variance from FCC rules.

This application does not cause any predicted interference to any of the other proposals. To the degree it is deemed necessary, 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.