

**B. W. St. Clair**

---

## Exhibit 6

### Engineering Statement in support of Application BPTTA20011226AAE Channel 28, Yuba City, CA, Paul Strieby & Matt Tuter

#### BACKGROUND

KKPM-CA is a class A licensed station on channel 28Z with its transmission site located in the hills to the northeast of Chico, CA. The applicant is making a minor change to a construction permit to move south southwest to Yuba City, CA and is changing the offset to (Z).

The antenna consists of a set of panels arranged in two stacks. One stack is aimed at 0° True - heading towards Chico, CA and the other stack is oriented to 160° True - in the direction of Sacramento, CA. The stations's ERP will remain at 150 kW in the north facing stack, but will reduce to 120 kW in the south southeast facing stack. Both sets of panels have 0.75° electrical downtilt.

#### INTERFERENCE STUDY

Channel 28Z was analyzed using Longley-Rice methodology in accordance with OET Bulletin 69. The population count was taken from the year 2000 census data. The stations analyzed follow along with any appropriate notes.

#### ANALYSIS

KSPX-TV, Sacramento, CA, 29-	BLCT19900904KE; The unique interference to KSPX-TV shows 0.440% population impact. According to FCC rules, this translates into 0% population impact.
KBVU-DT, Eureka, CA, 28N	BPCDT19991020ACF; This station has a construction permit for DTV facilities. The interference to KBVU-DT showed 0% population impact.
KDTV-CA, Santa Rosa, CA, 28Z	BLTTL20000821ACA; The unique population impact to KDTV-CA as licensed is 0%.
KDTV-CA, Santa Rosa, CA, 28Z	BPTTL20010116AHY; The unique population impact to KDTV-CA as shown in the construction permitted facilities is 0%.

**ANALYSIS** - cont'd.

K27HD, Chico, CA, 27+	BNPTTL20000804ACW: The population impact to K27HD is 0%.
New App., Redding, CA, 28-	BNPTTL20000831BMY; There are two station configurations filed under the above file number. One has an omniod pattern at 180°. Both filings have the same 10 kW ERP. The population impact to these applications is 0%.
K54EE, Westwood, CA, 28+	BPTT20020322ABD: The population impact to K54EE's application to move to channel 28+ is 0%.
KBIT-LP, San Francisco, CA, 28+	BPTTL20010531AAX; The population impact to KBIT-LP's application is 0.001%. According to FCC rules this translates to 0%.
KBIT-LP, San Francisco, CA, 28+	BPTTA20020214ADB; The unique population impact to KBIT-LP's construction permit is 0%.
KBIT-LP, San Francisco, CA, 28+	BLTTL19991015AAI; The unique population impact to KBIT-LP's licensed facility is 0%.
K28DB, Fall River Mills, CA, 28Z	BLTT19910821IE: The population impact to K28DB is 0%.

Prepared By:  
G. H. Allison, Jr.  
12 February 2003