

## Allocation Study

### **1. Compliance with 47 C.F.R. 73.207**

The proposed facility meets all minimum distance separation requirements with regard to co-channel, first, second, or third adjacent channel stations, and those separated by 53/54 channels, except the license of KQPT Channel 298B Colusa, CA. The proposed facility is 8.2 kilometers short-spaced to KQPT.

This application proposes contour protection for KQPT according to the guidelines of 47 C.F.R. 73.215. Section 47 C.F.R. 73.215(e) states that the minimum separation requirement between a class B and a class B facility, which are separated by 200 kHz, is 145 km. Exhibit 30-A shows that KQPT is separated from the proposed facility by 160.26 km.

Therefore, the proposed facility is permitted to use contour protection toward the short-space facilities (See Exhibit 34 for compliance with contour protection requirements).

# San Joaquin Broadcasting

Exhibit 30

Livermore, CA

REFERENCE				DISPLAY DATES
37 48 57.0 N.		CLASS = B		DATA 01-06-15
122 03 41.0 W.	Current	Spacings to 3rd Adj.		SEARCH 01-06-15
-----	Channel	297 - 107.3 MHz	-----	

Call		Channel	Location		Azi	Dist	FCC	Margin
KLVS	CP -N	297B	Livermore	CA	59.8	14.57	240.5	-225.9
KLVS	LIC	297B	Livermore	CA	88.5	24.75	240.5	-215.8
*KSAN%	LIC	299B	San Mateo	CA	246.9	35.83	73.5	-37.7
*KFRC-FM%	LIC	295B	San Francisco	CA	276.0	38.56	73.5	-34.9
KQPT	LIC	298B	Colusa	CA	351.8	165.14	168.5	-3.4
KPIG-FM	LIC	298A	Freedom	CA	163.8	113.31	112.5	0.8
1422321	RSV-A	298A	Sutter Creek	CA	59.5	127.64	112.5	15.1
1432289	RSV-A	298A	Sutter Creek	CA	59.5	127.64	112.5	15.1
1513664	RSV-A	298A	Sutter Creek	CA	59.5	127.64	112.5	15.1
DKSAC	VAC	298A	Sutter Creek	CA	59.5	127.64	112.5	15.1
KOIT	LIC	243B	San Francisco	CA	259.0	35.03	19.5	15.5
KSRT	LIC	296A	Cloverdale	CA	322.4	140.08	112.5	27.6
KSES-FM	LIC	296A	Seaside	CA	170.1	142.28	112.5	29.8
1358480	APP	298A	Sutter Creek	CA	62.1	148.45	112.5	36.0
1358990	APP	298A	Sutter Creek	CA	62.1	148.45	112.5	36.0
1509306	APP	298A	Sutter Creek	CA	62.1	148.45	112.5	36.0
1357799	APP	298A	Sutter Creek	CA	62.2	148.63	112.5	36.1
KDND	LIC	300B	Sacramento	CA	26.8	111.52	73.5	38.0
1432058	APP	298A	Sutter Creek	CA	61.2	152.88	112.5	40.4
KURQ	LIC	297B	Grover Beach	CA	154.9	300.14	240.5	59.6
NEW	CP	294A	Waterford	CA	96.8	129.45	68.5	61.0

% = Station fails 73.215.

RSV-R = reserved - needs protection, RSV-A = allocation.

All separation margins include rounding

\* Note: Since the relationship between KSAN/KFRC-FM and KLVS fall under 73.213(a), they are discussed in Exhibit 31.