

## EXHIBIT 12 -1

### FM TRANSLATOR ALLOCATION STUDY K236BK MONTEREY, CALIFORNIA CDBS 06292015

Search of channel 240 (95.9 MHz Class D) at 36-33-09.0 N, 121-47-17.0 W.

CALL	CITY	ST CHN CL	DIST	SEP	BRNG	CLEARANCE
KKHK	CARMEL	CA 238 A	0.00	0.00	90.0	-69.22 dB 1
K240AK	SOLEDAD	CA 240 D	37.35	0.00	120.2	-5.35 dB 2
KMZT-FM	BIG SUR	CA 240 A	36.63	0.00	175.7	-4.75 dB 3
K242AT	SALINAS, ETC.	CA 242 D	34.15	0.00	48.4	-2.83 dB 4
K294CA	MONTEREY	CA 294 D	0.03	0.00	178.5	0.0 5
K240CD	SOQUEL, ETC.	CA 240 D	61.87	0.00	351.8	1.59 dB
KSKD CP	DOS PALOS	CA 240 A	93.89	0.00	63.4	5.80 dB
880211MR	CARMEL	CA 238 A	11.52	0.00	272.3	9.72 dB
KSKD LIC	LIVINGSTON	CA 240 A	127.25	0.00	47.8	12.65 dB
KSQQ	MORGAN HILL	CA 241 A	70.05	0.00	359.0	13.79 dB
KGMZ	SAN FRANCISCO	CA 239 B	138.75	0.00	335.7	16.27 dB

- 1 Since KKKH operates with an ERP of 1,700 watts and is essentially collocated with the proposed K236BK facility no interference is predicted to KKKH as it is not believed to be feasible for the translator signal to exceed the KKKH signal by 40 dB or more. A waiver of 74.1204 based on free space propagation is requested.
- 2 Please see Exhibit 12 - 2 contour clearance which shows no prohibited contour overlap to K240AK.
- 3 Please see Exhibit 12 - 2 contour clearance which shows no prohibited contour overlap to KMZT.
- 4 Please see Exhibit 12 - 2 contour overlap study. The 242AT 62.2 dBu contour overlaps the proposed site. There is zero population in the 102.2 dBu contour and the site is on an unpopulated hill top. A waiver of 74.1204 is respectfully requested based on no caused interference to K242AT.
- 5 K236BK and K294CA are currently 250 watt fill-in translators owned by Mt. Wilson FM Broadcasters, Inc. The proposed frequency change is an i.f. channel spacing to K294CA. The licensee wishes to maintain the current site for use by both translators to maintain continuity of service as much as possible. Application of the current rules would result in having to drop both translators down to 99 watts. A waiver of the rules, 74.1204(g) to maintain service to the public via K294CA and minimize loss of service to K236BK is requested. Both translators were licensed in November 2013 and are located at the same site. The frequency change for K236BK is involuntary.