

K233CM_Pet_Interference_Study.txt

Interference study

K233CM 94.5

9/21/2016

ComStudy 2.2 search of channel 233 (94.5 MHz Class D) at
38-19-56.0 N, 122-35-40.0 W.

CALL	CITY	ST	CHN	CL	DIST	SEP	BRNG	CLEARANCE
K233CT	TRACY	CA	233	D	124.40	0.00	119.2	35.19 dB
KBAY	GILROY	CA	233	B	150.86	0.00	153.8	23.83 dB
KBAY	GILROY	CA	233	B	144.11	0.00	149.8	0.10 dB
KGGV-LP	GUERNEVILLE	CA	236	LP100	40.14	6.00	299.5	32.34 dB
KGRB	JACKSON	CA	232	B1	169.75	0.00	86.7	35.93 dB
KHOP	OAKDALE	CA	236	B	191.74	0.00	107.6	34.09 dB
KKDO	FAIR OAKS	CA	234	B1	116.51	0.00	70.6	23.20 dB
KMXI	CHICO	CA	236	B	194.42	0.00	22.5	34.79 dB
KPFA	BERKELEY	CA	231	B	61.36	0.00	147.6	20.64 dB
KPFA	BERKELEY	CA	231	B	61.35	0.00	147.7	*
KPFA	BERKELEY	CA	231	B	61.36	0.00	147.6	*
KPFA	BERKELEY	CA	231	B	61.36	0.00	147.6	*
KWNE	UKIAH	CA	233	B	98.00	0.00	335.0	14.85 dB
KWNE	UKIAH	CA	233	B	98.00	0.00	335.0	0.00 dB
KYLD	SAN FRANCISCO	CA	235	B	72.69	0.00	169.0	24.52 dB
KYLD	SAN FRANCISCO	CA	235	B	72.85	0.00	168.9	2.95 dB
KYLD	SAN FRANCISCO	CA	235	B	72.69	0.00	169.0	*
KYLD	SAN FRANCISCO	CA	235	B	72.69	0.00	169.0	*
KYLD-FM1	PLEASANTON	CA	235	D	77.57	0.00	130.0	21.28 dB

* THE APPLICANT REQUEST A FURTHERANCE OF ITS CURRENT WAIVER OF 74.1204(D) TO OPERATE ON THE 2ND ADJACENT CHANNEL TO KPFA AND KYLD. THIS MINOR MOD SEEKS A REDUCTION IN POWER FROM 250 WATTS TO 92 WATTS. THE SITE IS ATOP SONOMA MOUNTAIN AT AN EXISTING COMMUNICATION SITE. THERE IS NO POPULATION WITHIN THE INTERFERING CONTOUR. THE 95.5 DBU CONTOUR OF THE FM TRANSLATOR IS FULLY CONTAINED WITHIN THE 55.5 DBU CONTOURS OF KPFA AND KYLD. THERE ARE ALSO NO MAJOR ROADS ENCOMPASSED BY THE INTERFERING CONTOUR. ALSO, COMSTUDY 2.0 SHOWS THAT THERE ARE NO POPULATION CENTROIDS WITHIN THE INTERFERING CONTOUR. THE ROAD TO THE TOP OF SONOMA MOUNTAIN ENDS JUST BEYOND THIS COMMUNICATION SITE. PLEASE SEE ATTACHED TOPOGRAPHIC MAP AND CONTOUR MAP. THIS SITE HAS FURTHER BEEN USED FOR OTHER FM TRANSLATORS SEEKING TO OPERATE ON A 2ND ADJACENT CHANNEL WITHOUT ANY ISSUE.