

K275CB\_Interference\_Study.txt

K275CB  
92.3 Interference Study  
5/11/2016

ComStudy 2.2 search of channel 222 (92.3 MHz Class D) at 38-40-09.0 N, 122-37-53.0 W.

CALL	CITY	ST	CHN	CL	DIST	SEP	BRNG	CLEARANCE
KLVR	MIDDLETOWN	CA	220	B	0.00	0.00	90.0	*
KLVR-FM1	AETNA SPRINGS, ETC.	CA	220	D	1.98	0.00	137.1	*
KFGY	HEALDSBURG	CA	225	B	20.89	0.00	299.9	*
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K275CB	CLEAR LAKE	CA	275	D	0.00	0.00	90.0	-0.0
NEW	SANTA ROSA	CA	222	LP100	21.21	24.00	202.4	0.73 dB
NEW	SANTA ROSA	CA	222	LP100	21.21	24.00	202.4	0.73 dB
KBEB	SACRAMENTO	CA	223	B	100.63	0.00	87.2	0.09 dB
KSJO	SAN JOSE	CA	222	B	178.74	0.00	154.9	4.27 dB
K221DQ	PETALUMA	CA	221	D	37.51	0.00	175.1	6.69 dB
KSJO	SAN JOSE	CA	222	B	178.74	0.00	154.9	10.21 dB
K222CO	LAGUNITAS	CA	222	D	71.66	0.00	185.9	11.39 dB
KKDV	WALNUT CREEK	CA	221	A	97.78	0.00	150.7	12.21 dB
KKDV-FM3	MARTINEZ	CA	221	D	84.83	0.00	149.3	15.43 dB
K222CK	CLEARLAKE	CA	222	D	37.53	0.00	341.6	15.72 dB
K220JB	LEISURE TOWN	CA	220	D	55.89	0.00	123.3	16.91 dB
K276FY	SANTA ROSA	CA	276	D	18.02	0.00	188.5	18.0
K223AJ	UKIAH-LAKEPORT	CA	223	D	64.06	0.00	323.3	20.73 dB
NEW	SANTA ROSA	CA	223	LP100	27.51	13.00	201.5	20.37 dB
KKDV	WALNUT CREEK	CA	221	A	97.50	0.00	151.1	24.98 dB
K222BX	MODESTO	CA	222	D	183.09	0.00	128.1	25.96 dB
KALW	SAN FRANCISCO	CA	219	B1	102.80	0.00	170.9	29.96 dB
K221DQ	PETALUMA	CA	221	D	91.76	0.00	172.7	29.40 dB
KSJO	SAN JOSE	CA	222	B	178.68	0.00	154.9	30.23 dB
NEW	SACRAMENTO	CA	221	LP100	102.33	13.00	97.0	30.62 dB
NEW	STOCKTON	CA	221	LP100	139.34	13.00	122.3	31.53 dB
K222CA	PAULSELL	CA	222	D	209.80	0.00	123.6	33.34 dB
KMJE-FM	PLACERVILLE	CA	221	A	173.63	0.00	90.6	33.89 dB
KREV	ALAMEDA	CA	224	A	107.81	0.00	168.8	34.27 dB
KCHO	CHICO	CA	219	B	163.56	0.00	28.6	34.22 dB
K222AQ	OROVILLE	CA	222	D	126.65	0.00	45.5	37.20 dB
KBEB	SACRAMENTO	CA	223	B	100.63	0.00	87.2	37.33 dB

THE APPLICANT REQUESTS A WAIVER OF 74.1204(D) OPERATE ON THE 2ND ADJACENT CHANNEL TO KLVR AND KFGY AND HAS ATTACHED A TOPOGRAPHIC MAP DEMONSTRATING LACK OF POPULATION IN THE 114 DBU INTERFERING CONTOUR. FOR THIS PROPOSAL, K275CB WILL BE CO-LOCATED WITH KLVR. ALSO, THE INTERFERING 114 DBU CONTOUR IS FULLY CONTAINED WITHIN KFGY'S 74 DBU CONTOUR. THE SITE IS ATOP A TALL UNINHABITED MOUNTAIN KNOWN AS MT. ST. HELENA WHICH IS THE HIGHEST POINT IN SONOMA, NAPA, AND LAKE COUNTIES. THERE ARE NO ROADS NEAR THE SITE OR ANY INHABITANTS WITHIN MORE THAN A MILE.