

K218EN.txt

Interference Study
K218EN
August 23, 2013

ComStudy 2.2 search of channel 218 (91.5 MHz Class D) at 38-30-31.0 N, 122-39-41.0 W.

CALL	CITY	ST	CHN	CL	DIST	SEP	BRNG	CLEARANCE
KLVR	MIDDLETOWN	CA	220	B	18.01	0.00	8.3	See Note A
KLVR-FM1	AETNA SPRINGS, ETC.	CA	220	D	16.85	0.00	13.6	See Note A
K215CQ	SANTA ROSA	CA	215	D	8.48	0.00	211.6	See Note A
KNNN-LD	REDDING	CA	6	TV	238.48	0.00	2.8	-0.00 dB
K10FS	EUREKA	CA	6	TV	246.23	0.00	330.2	-0.00 dB
KNNN-LP	REDDING	CA	6	TV	238.52	0.00	2.9	-0.00 dB
KBKF-LP	SAN JOSE	CA	6	TV	131.83	0.00	148.1	-0.00 dB
KBKF-LP	SAN JOSE	CA	6	TV	171.04	0.00	154.9	-0.00 dB
KO6EX	LEWISTON	CA	6	TV	242.72	0.00	356.6	-0.00 dB
NEW	CERES	CA	6	TV	193.41	0.00	125.3	-0.00 dB
KO6KC	YERINGTON	NV	6	TV	301.89	0.00	78.7	-0.00 dB
NEW	RENO	NV	6	TV	275.16	0.00	63.3	-0.00 dB
KXCF	MARSHALL	CA	218	A	43.47	0.00	203.7	0.24 dB
KEFM-LP	SACRAMENTO	CA	6	TV	106.46	0.00	43.0	-0.00 dB
NEW	SACRAMENTO	CA	6	TV	106.43	0.00	43.0	-0.00 dB
KO6JK	DAYTON	NV	6	TV	286.52	0.00	73.5	-0.00 dB
KO6FA	HOPLAND	CA	6	TV	61.12	0.00	321.0	-0.00 dB
KFMD-LP	REDDING	CA	6	TV	238.52	0.00	2.9	-0.00 dB
KRCB-FM	SANTA ROSA	CA	216	A	30.33	0.00	328.1	3.76 dB
KSVY	SONOMA	CA	217	A	33.90	0.00	154.9	4.52 dB
KSVY	SONOMA	CA	217	A	31.60	0.00	143.6	6.82 dB
KZYZ	WILLITS	CA	218	B	104.99	0.00	330.1	7.39 dB
K221DQ	PETALUMA	CA	221	D	20.40	0.00	163.4	10.27 dB
KALW	SAN FRANCISCO	CA	219	B1	85.79	0.00	167.2	17.77 dB
KDVZ	POINT REYES	CA	217	A	64.27	0.00	207.7	21.60 dB
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KASK	FAIRFIELD	CA	218	A	62.14	0.00	109.6	21.47 dB
KXJZ	SACRAMENTO	CA	215	B	105.17	0.00	77.3	22.27 dB
KRVH	RIO VISTA	CA	218	D	93.05	0.00	114.8	23.96 dB
KCSM	SAN MATEO	CA	216	B1	111.78	0.00	165.0	28.12 dB
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K218EU	NORTH SAN JUAN	CA	218	D	161.57	0.00	52.2	30.58 dB
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KKUP-FM1	LOS GATOS	CA	218	D	157.71	0.00	156.5	32.93 dB
KXJZ	SACRAMENTO	CA	215	B	105.17	0.00	77.3	34.73 dB
KYDS	SACRAMENTO	CA	218	A	113.93	0.00	83.9	34.58 dB
KKDV	WALNUT CREEK	CA	221	A	84.27	0.00	143.2	34.85 dB
KCHO	CHICO	CA	219	B	180.57	0.00	26.6	35.54 dB
KXJZ	SACRAMENTO	CA	215	B	105.17	0.00	77.3	35.78 dB
KKUP	CUPERTINO	CA	218	B1	171.02	0.00	154.9	36.45 dB
K262A0	MARYSVILLE	CA	217	D	106.56	0.00	43.1	37.89 dB

Note A: The applicant proposes to locate on an uninhabited mountain top devoid of population, roads, and businesses. The applicant requests a waiver of 74.1204 to operate on the 2nd adjacent channel to KLVR and the 3rd adjacent channel to K215CQ due to lack of population in the interfering 100 dBu contour. Please see attached topographic map.