

willits\_interference\_study.txt

Interference Study  
Willits, CA  
Channel 256  
March 7, 20123

ComStudy 2.2 search of channel 256 (99.1 MHz Class D) at  
39-06-57.0 N, 123-13-56.0 W.

CALL	CITY	ST	CHN	CL	DIST	SEP	BRNG	CLEARANCE
KMVQ-FM	SAN FRANCISCO	CA	259	B	173.19	0.00	156.1	27.20 dB
KMVQ-FM	SAN FRANCISCO	CA	259	B	173.19	0.00	156.1	27.36 dB
KNTI	LAKEPORT	CA	258	B	13.65	0.00	83.0	*
KVYN	ST. HELENA	CA	257	A	109.85	0.00	134.0	27.81 dB
KJNY	FERNDALE	CA	256	C1	178.28	0.00	330.0	34.62 dB
KARA	WILLIAMS	CA	256	B1	122.54	0.00	84.9	21.59 dB
KSOL	SAN FRANCISCO	CA	255	B	165.69	0.00	155.6	29.70 dB
KSOL-FM3	PLEASANTON	CA	255	D	178.61	0.00	139.8	38.15 dB
KSOL-FM2	SAUSALITO, ETC.	CA	255	D	154.35	0.00	155.3	37.91 dB
KXTS	GEYSERVILLE	CA	254	A	53.75	0.00	141.8	11.32 dB
KRXQ	SACRAMENTO	CA	253	B	192.38	0.00	105.0	31.62 dB
KSAY	FT. BRAGG	CA	253	B1	59.94	0.00	310.9	16.91 dB
KSAY	FT. BRAGG	CA	253	B1	59.94	0.00	310.9	34.34 dB
KGUA	GUALALA	CA	202	B1	43.69	12.00	222.4	31.7

THE APPLICANT REQUESTS A WAIVER OF 74.1204(D) TO BE ABLE TO OPERATE ON THE 2ND ADJACENT CHANNEL TO KNTI DUE TO NO POPULATION WITHIN THE INTERFERENCE AREA. THE APPLICANT'S 125 DBU CONTOUR IS FULLY CONTAINED WITHIN THE 85 DBU CONTOUR OF KNTI. THE INTERFERING CONTOUR DOES NOT EXTEND PAST THE TRANSMIT SITE. THE SITE IS AN UNINHABITED MOUNTAIN TOP.