

Interference Study
Broadmoor, CA
August 1, 2013

ComStudy 2.2 search of channel 277
(103.3 MHz Class D) at 37-33-44.0 N, 122-28-46.0 W.

CALL	CITY	ST CHN CL	DIST	SEP	BRNG	CLEARANCE
KBLX-FM	BERKELEY	CA 275 B	14.59	0.00	15.4	See Note A
KOSF	SAN FRANCISCO	CA 279 B	14.50	0.00	15.5	See Note A
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KOSF	SAN FRANCISCO	CA 279 B	21.57	0.00	6.5	See Note A
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KBLX-FM	BERKELEY	CA 275 B	14.59	0.00	15.4	See Note A
KATM	MODESTO	CA 277 B	99.47	0.00	88.8	1.39 dB
KOSF	SAN FRANCISCO	CA 279 B	21.60	0.00	6.5	4.68 dB
KSCU	SANTA CLARA	CA 277 D	53.43	0.00	116.5	15.57 dB
KREV	ALAMEDA	CA 224 A	26.79	10.00	11.9	16.8
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NEW	SANTA ROSA	CA 277 D	108.72	0.00	352.5	18.81 dB
KOSF-FM2	PLEASANTON, ETC.	CA 279 D	60.88	0.00	54.1	21.00 dB
KUKI-FM	UKIAH	CA 277 B	207.63	0.00	340.9	21.26 dB
K276BR	SANTA CRUZ	CA 276 D	71.00	0.00	149.4	21.14 dB
K276DT	SANTA ROSA	CA 276 D	97.75	0.00	349.7	30.27 dB
KATM	MODESTO	CA 277 B	99.47	0.00	88.8	30.29 dB
K277AH	WATSONVILLE	CA 277 D	99.67	0.00	139.5	31.18 dB
K276EK	VACAVILLE	CA 276 D	94.32	0.00	26.8	32.67 dB
K278AH	CALISTOGA	CA 278 D	112.01	0.00	357.1	32.54 dB
KRAY-FM	SALINAS	CA 278 A	130.23	0.00	139.2	34.77 dB
K277BN	SAN MARTIN	CA 277 D	91.53	0.00	118.4	35.58 dB
KBOQ	SEASIDE	CA 280 A	119.16	0.00	155.3	37.85 dB
KUKI-FM	UKIAH	CA 277 B	207.66	0.00	340.9	38.11 dB
KBLX-FM2	PLEASANTON	CA 275 D	60.90	0.00	54.1	38.60 dB
KHHM	SACRAMENTO	CA 278 A	141.85	0.00	37.8	39.28 dB

Note A: The applicant proposes locating on an uninhabited mountaintop devoid of homes, paved roads, or businesses other than the broadcast tower. The applicant requests a waiver of 74.1204 to operate on the 2nd adjacent channel to KBLX-FM Channel 275 and KOSF Channel 279. Please find attached a topographic map showing no population at the top of the mountain within the 100 dBu interfering contour of Broadmoor 277.