

Eureka\_Interference\_Study.txt

ComStudy 2.2 search of channel 224 (92.7 MHz Class D)  
at 40-43-37.0 N, 123-58-25.0 W.

CALL	CITY	ST CHN CL	DIST	SEP	BRNG	CLEARANCE
K225AJ	REDDING	CA 225 D	112.82	0.00	96.6	29.37 dB
KGBR	GOLD BEACH	OR 224 C1	188.34	0.00	350.2	27.22 dB
KGBR	GOLD BEACH	OR 224 A	188.34	0.00	350.2	21.26 dB
KHSM	MCKINLEYVILLE	CA 277 C3	45.86	12.00	342.0	33.9
KHSM*	MCKINLEYVILLE	CA 277 C3	44.33	12.00	340.5	32.3
KLAD-FM	KLAMATH FALLS	OR 223 C	247.91	0.00	51.3	35.87 dB
KRED	EUREKA	CA 222 C1	0.06	0.00	123.4	See Note A
KRED	EUREKA	CA 222 C1	0.00	0.00	90.0	See Note A
KXGO	ARCATA	CA 226 C	0.14	0.00	102.4	See Note A
KXGO	ARCATA	CA 226 C	0.08	0.00	66.3	See Note A

Note A: The applicant proposes co-locating on the same mountain ridge as 2nd adjacent channel 222 (KRED-FM) and 226 (KXGO). Due to the co-location, there will not be any locations where this proposed translator is higher than 20 dB above in signal strength than KRED and KXGO. Furthermore, the tower site is an uninhabited mountain ridge.