

Carmel Valley 271  
Exhibit E-1  
Interference Study

ComStudy 2.2 search of channel 271 (102.1 MHz Class D)  
at 36-33-09.0 N, 121-47-17.0 W.

CALL	CITY	ST CHN CL	DIST	SEP	BRNG	CLEARANCE
K217CO	TULARCITOS & CARMEL	CA 217 D	16.82	0.00	143.3	16.8
K217CQ	SALINAS	CA 217 D	34.19	0.00	48.4	34.2
K217EK	PALO COLORADO CANYON	CA 217 D	18.92	0.00	203.8	18.9
K271AP	PRUNEDALE	CA 271 D	34.19	0.00	48.4	**
KAMB	MERCED	CA 268 B	190.61	0.00	54.5	37.32 dB
KCDU	CARMEL	CA 269 A	0.31	0.00	72.7	*
KCDU	CARMEL	CA 269 A	0.00	0.00	90.0	*
KDFC-FM	SAN FRANCISCO	CA 271 B	157.13	0.00	336.6	35.38 dB
KDFC-FM	SAN FRANCISCO	CA 271 B	157.13	0.00	336.6	19.01 dB
KDFC-FM	SAN FRANCISCO	CA 271 B	157.25	0.00	336.7	16.18 dB
KDFC-FM2	SAN FRANCISCO	CA 271 D	147.96	0.00	355.6	16.17 dB
KDON-FM	SALINAS	CA 273 B	34.22	0.00	48.6	*
KDON-FM	SALINAS	CA 273 B	34.19	0.00	48.4	*
KHGE	FRESNO	CA 274 B	205.81	0.00	81.0	34.37 dB
KLBN	FRESNO	CA 270 B	218.07	0.00	73.9	39.29 dB
KRKC-FM	KING CITY	CA 271 B	90.44	0.00	129.3	29.83 dB
KRKC-FM	KING CITY	CA 271 B	97.22	0.00	133.2	4.77 dB
KSFM	WOODLAND	CA 273 B	226.08	0.00	1.4	39.24 dB
NEW	CARMEL VALLEY	CA 217 A	10.80	10.00	148.3	0.8
NEW	CARMEL VALLEY	CA 217 A	10.15	10.00	148.0	0.2
NEW	ROBLES DEL RIO	CA 217 A	10.81	10.00	148.3	0.8
NEW	STOCKTON	CA 271 D	161.44	0.00	16.5	38.85 dB

\* THIS APPLICATION COMPLIES WITH 47 C.F.R. 74.1204(D) IN THAT NO INTERFERENCE WILL OCCUR DUE TO LACK OF POPULATION IN THE INTERFERING CONTOUR AREA. IN THE EVENT THAT A WAIVER IS REQUIRED TO OPERATE ON THE 2ND ADJACENT CHANNEL WITHIN THE SERVICE CONTOURS OF KCDU and KDON, ONE IS HEREBY REQUESTED. PLEASE REFER TO EXHIBIT E-3 and E-4 WHICH DEMONSTRATE THAT THERE IS NO POPULATION WITHIN THE INTERFERING Contour. The 120.5 dBu interfering contour of the proposed translator is within the 80.5 dBu contour of 2<sup>nd</sup> adjacent KDON-FM. Furthermore, the interfering 120.5 dBu contour does not extend past the tower site property. The proposed translator is also co-located with 2<sup>nd</sup> adjacent KCDU.

\*\* The applicant proposes to accept interference from K271AP. In the event that a waiver is required to operate within the interfering contour of K271AP, one is hereby requested. If a letter is required from the licensee of K271AP to allow the proposed translator to operate within the interfering contour of K271AP, then the applicant will work with the licensee of K271AP to obtain one. The engineer for K271AP is the same as the engineer for the proposed translator.