

K220HC Minor Modification
05/25/2010
Exhibit E-1, Interference Study

ComStudy 2.2 search of channel 220 (91.9 MHz Class D) at
34-07-34.0 N, 118-22-02.7 W.

CALL	CITY	ST CHN CL	DIST	SEP	BRNG	CLEARANCE
KHHT	LOS ANGELES	CA 222 B	2.38	0.00	250.2	see note a
KUSC	LOS ANGELES	CA 218 B	2.77	0.00	227.9	see note a
KHHT	LOS ANGELES	CA 222 B	29.96	0.00	68.0	see note a
KHHT	LOS ANGELES	CA 222 B	29.92	0.00	68.0	see note a
KSFV-CA	LOS ANGELES	CA 6 TV	29.80	0.00	71.0	see note b
KUSC	LOS ANGELES	CA 218 B	29.83	0.00	70.9	see note a
K220HC	SUN VALLEY	CA 220 D	16.35	0.00	75.0	
KSFV-LP	SAN FERNANDO VALLEY	CA 6 TV	29.79	0.00	71.0	see note b
KSFV-LP	LOS ANGELES	CA 6 TV	29.80	0.00	71.0	see note b
K220FR	SIMI VALLEY	CA 220 D	31.13	0.00	316.7	see note c
KIIS-FM	LOS ANGELES	CA 274 B	2.38	15.00	250.2	
KHHT	LOS ANGELES	CA 222 B	29.96	0.00	68.0	see note a
KCIO-LP	HESPERIA	CA 6 TV	93.79	0.00	80.9	-0.00 dB
KCIO-LP	VICTORVILLE	CA 6 TV	112.71	0.00	61.0	-0.00 dB
KUHD-LP	VENTURA	CA 6 TV	92.54	0.00	285.8	-0.00 dB
NEW	TEHACHAPI	CA 6 TV	111.88	0.00	356.3	-0.00 dB
KCIO-LP	ONTARIO	CA 6 TV	93.79	0.00	80.9	-0.00 dB
NEW	CALIENTE	CA 6 TV	111.69	0.00	357.2	-0.00 dB
KVCR	SAN BERNARDINO	CA 220 B	101.54	0.00	99.8	2.25 dB
KIIS-FM	LOS ANGELES	CA 274 B	29.96	15.00	68.0	15.0
KIIS-FM	LOS ANGELES	CA 274 B	29.96	15.00	68.0	15.0
KIIS-FM	LOS ANGELES	CA 274 B	29.96	15.00	68.0	15.0
KIIS-FM	LOS ANGELES	CA 274 B	29.96	15.00	68.0	15.0
K219AO	FAIRMONT, ETC.	CA 219 D	100.66	0.00	352.3	14.65 dB
KUSC-FM1	SANTA CLARITA	CA 218 D	31.08	0.00	316.8	15.02 dB
KVCR	SAN BERNARDINO	CA 220 B	101.54	0.00	99.8	18.63 dB
KWTD	RIDGECREST	CA 220 B	161.87	0.00	21.9	27.84 dB
KCSB-FM	SANTA BARBARA	CA 220 B	152.94	0.00	287.3	29.74 dB
NEW	BARSTOW	CA 220 A	153.75	0.00	51.9	35.47 dB
K219DK	VICTORVILLE	CA 219 D	112.76	0.00	61.0	35.08 dB
KFRB	BAKERSFIELD	CA 217 B	149.47	0.00	347.0	36.64 dB
XHRMFM	TIJUANA	BN 223 C1	218.01	0.00	145.4	37.03 dB
XHTIMFM	TIJUANA	BN 219 B	222.39	0.00	144.8	37.57 dB
XHRM-FM	TIJUANA	BN 223 C1	218.01	0.00	145.4	37.11 dB
K220GU	LOST HILLS	CA 220 D	202.69	0.00	325.1	38.64 dB
XHTIMFM	TIJUANA	BN 219 B	222.39	0.00	144.8	38.93 dB

Note a: The applicant proposes a waiver of 47 C.F.R 74.1204(D) to operate on the 2nd adjacent channel to KHHT and KUSC due to lack of population within the interfering contour. See attached topographic map, Exhibit E-3

Note b: The applicant has an agreement with KSFV-LP to operate within their protected service contour. Please see attached Channel 6 agreement

Note c: The applicant requests a waiver to overlap the interfering contour of co-owned K220FR to the protected contour of K220HC and vice-versa. The two translators are 31.1 km apart and no interference will occur due to terrain shielding between the coverage areas of each translator.