

Channel Study

REFERENCE		CH# 253D - 98.5 MHz, Pwr= 0.17 kW, HAAT=-156.1M, COR= 1402 M								DISPLAY DATES	
40 26 36.0 N.		Average Protected F(50-50)= 6.4 km								DATA	03-28-07
120 38 35.0 W.										SEARCH	03-28-07
CH CITY	CALL	TYPE STATE	AZI. <--	DIST FILE #	LAT. LNG.	Pwr(kW) HAAT(M)	INT(km) COR(M)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT*	
253D Susanville	K253AA	LIC C CA	0.0 0.0	0.00 BMLFT20060530AKM	40 26 36.0 120 38 35.0	0.170 -245	21.5 1399	6.4 Educational Media Foundati	-27.92*	-27.92*	
255C0 Chester	KWLU	LIC NCX CA	233.9 53.7	39.60 BLED20051229ABF	40 14 00.0 121 01 11.0	12.000 637	6.5 2274	71.0 Educational Media Foundati	26.69	-32.36*	
255C2 Chester	KWLU	APP NCX CA	233.9 53.7	39.60 BPH20070119ACR	40 14 00.0 121 01 11.0	1.000 637	2.2 2274	45.9 Educational Media Foundati	31.01	-7.23*	
255C2 Chester	KWLU	RSV CA	250.4 70.0	45.06	40 18 23.0 121 08 33.0	50.000 142	5.8 1719	51.1 Educational Media Foundati	32.82	-6.97*	
253D East Quincy	AP0401	APP C CA	202.5 22.3	67.26 BNPFT20030317CWS	39 53 00.4 120 56 40.2	0.010 879	59.9 2163	16.2 Edgewater Broadcasting, In	0.89	29.62	
252D Chester, Etc.	K252AL	LIC DHN CA	235.6 55.3	40.04 BLFT19850429TD	40 14 22.0 121 01 54.0	0.000 643	3.8 2290	2.0 The Research Foundation	29.78	28.80	
253D Quincy	AP0976	APP E CA	203.5 23.3	60.89 BNPFT20030310AFY	39 56 25.0 120 55 40.0	0.250 -294	23.8 1209	7.1 Carousel Broadcasting, Inc	30.70	32.32	
253D Graeagle	AP0964	APP DE CA	166.7 346.8	76.92 BNPFT20030311ACT	39 46 09.0 120 26 08.0	0.002 532	31.5 2216	7.9 Carousel Broadcasting, Inc	39.02	47.54	
253D Reno	AP2329	APP C NV	147.0 327.5	112.78 BNPFT20030317ICG	39 35 23.3 119 55 37.3	0.010 895	60.4 2548	16.3 Edgewater Broadcasting, In	40.31	55.24	
251C Carson City	KBUL-FM	LIC CY NV	148.3 328.9	154.22 BLH19950504KB	39 15 32.0 119 42 06.0	74.000 627	12.7 2340	89.8 Citadel Broadcasting Compa	129.69	63.54	

Terrain database is NGDC 30 SEC

ERP and HAAT on direct-line with reference station.

""affixed to 'IN' or 'Out' values = site inside protected contour.

Compliance with C.F.R. 74.1203

KWLU, Chester, California, is the primary station for K253AA, Susanville, California. The 100 dBu interfering contour of the proposed translator does not interfere with the KWLU protected 60 dBu contour as can be seen in the attached map (Exhibit 12A-1). The proposed translator does not disrupt the existing service of its primary station, or cause such interference within the boundaries of the principal community of its primary station.

Therefore, the proposed translator fully complies with the requirements of 47 C.F.R. 74.1203.

K253AA

Latitude: 40-26-36 N
Longitude: 120-38-35 W
ERP: 0.17 kW
Channel: 253
Frequency: 98.5 MHz
AMSL Height: 1402.0 m
Horiz. Pattern: Omni
Vert. Pattern: No

KWLU

BLED20051229ABF
Latitude: 40-14-00 N
Longitude: 121-01-11 W
ERP: 12.00 kW
Channel: 255
Frequency: 98.9 MHz
AMSL Height: 2274.0 m
Horiz. Pattern: Omni
Vert. Pattern: No

KWLU.A

BPH20070119ACR
Latitude: 40-14-00 N
Longitude: 121-01-11 W
ERP: 1.00 kW
Channel: 255
Frequency: 98.9 MHz
AMSL Height: 2274.0 m
Horiz. Pattern: Omni
Vert. Pattern: No
Prop Model: None

 K253AA
 KWLU.A
 KWLU

