

EXHIBIT 12

Engineering Statement

This application proposes to change the Transmitter Location, ERP and Antenna Height of translator station K229CA, Facility ID 141377, which is owned by the applicant, Results Radio of Redding Licensee, LLC. The translator is currently located at a communications site 0.5 km east north east of the proposed site. The coordinates are:

Current site: 40° 39' 14" N 122 31' 12" W

Proposed site: 40° 39' 06" N 122 31' 32" W

The applicant proposes to change the ERP from 43 Watts to 99 Watts. The site elevation will change from 963 m AMSL to 980 m AMSL and the Antenna Height will change from 49 m AGL to 24 m AGL. The antenna will remain non-directional.

The proposed facility is fully-spaced from all existing and proposed facilities and meets all of the requirements of §74.1204¹ as shown in the Spacing Study in Figure 1. K229CA is second adjacent to K227AE, Facility ID 40830, which is a 250 Watt directional translator collocated at the proposed site. Figure 2 shows that there is no place where the 100 dBμ F(50,10) interfering contour of the proposed facility will intersect with the 60 dBμ F(50,50) protected contour of K227AE, thus meeting the requirements of §74.1204 (a)(3).

The proposed K229CA facility will continue to rebroadcast Primary Station KESR, Shasta Lake, CA and will not extend KESR's 60 dBμ F(50,50) contour as shown in Figure 3.

¹ K229CA is separated by 53 channels from KSHA, Facility ID 51641, a full Class C FM located 0.5 km from the proposed site. § 74.1204 (g) specifically exempts translator stations with less than 100 Watts ERP from IF separation rules.

ComStudy 2.2 search of channel 229 (93.7 MHz Class D)
40-39-06.1 N, 122-31-31.5 W (NAD 27)
99 Watts ERP, ND, 468 m HAAT, 24 m AGL
K229CA Proposed

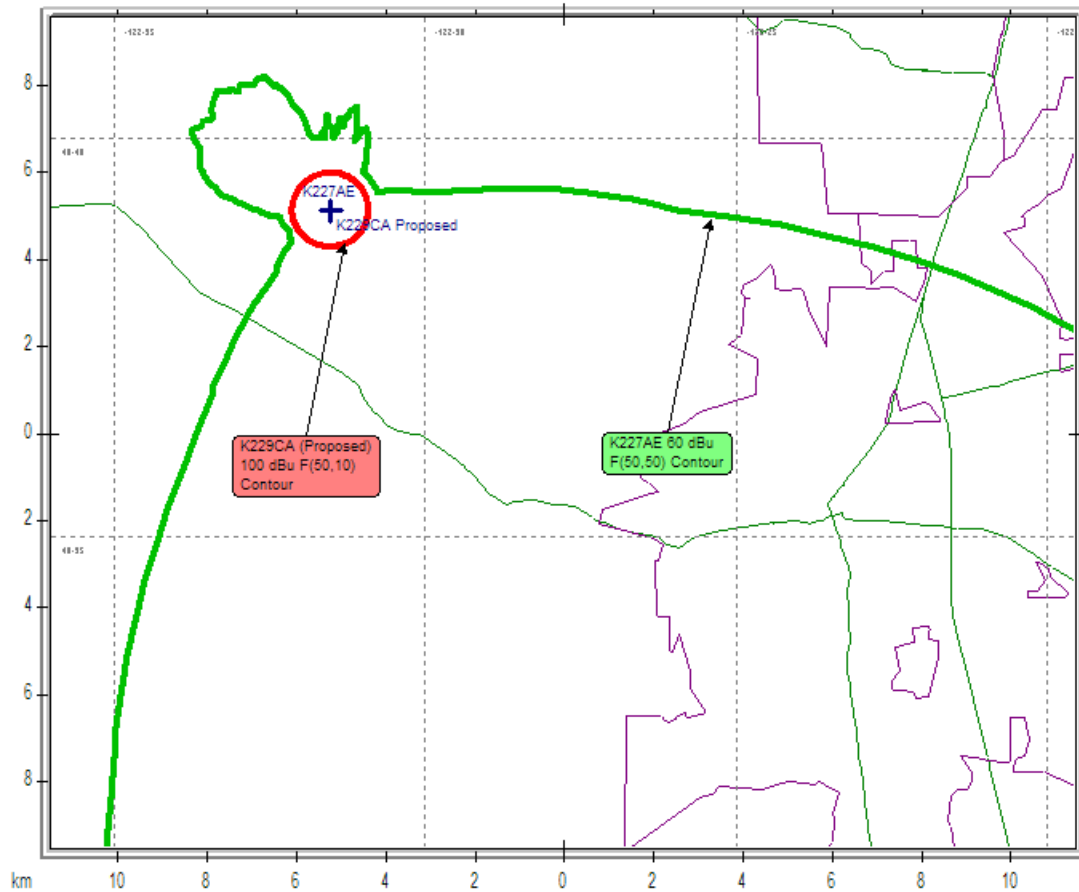
Callsign	State	City	Freq	Channel	ERP_w	Class	Distance		Sep	Clr dB	
							Status	km			
KSHA	CA	REDDING		104.3 282	100000	C	LIC	0.52	NCE	-86.92	Note 1
K227AE	CA	REDDING		93.3 227	250	D	LIC	0	NCE	-56.88	Note 2
KSHA	CA	REDDING		104.3 282	0	C	APP	0.52	NCE	-7.59	Note 3
KFMF	CA	CHICO		93.9 230	2000	B1	LIC	103.98	NCE	0.9	
KRBN	CA	MANTON		94.3 232	2650	C3	LIC	56.39	NCE	1.03	
KMKX	CA	WILLITS		93.5 228	890	B	LIC	134.92	NCE	5.06	
KTMT-FM	OR	MEDFORD		93.7 229	27000	C	LIC	159.58	NCE	7.16	
KFMF*	CA	CHICO		93.9 230	0	B1	APP	120.45	NCE	20.83	
KQJK	CA	ROSEVILLE		93.7 229	25000	B1	LIC	240.27	NCE	23.94	
KSLG-FM	CA	ARCATA		93.1 226	50000	C	LIC	122.63	NCE	24.81	
KQJK	CA	ROSEVILLE		93.7 229	19000	B1	LIC	240.26	NCE	25.35	
KJDX	CA	SUSANVILLE		93.3 227	100000	C0	LIC	167.04	NCE	33.04	
KQJK	CA	ROSEVILLE		93.7 229	0	B1	APP	241.32	NCE	33.12	
KXGO	CA	HYDESVILLE		94.1 231	4500	C1	LIC	149.98	NCE	34.83	
KXGO	CA	HYDESVILLE		94.1 231	4100	C1	CP	149.93	NCE	34.8	
KTMT-FM	OR	MEDFORD		93.7 229	0	C	APP	159.66	NCE	35.31	

Note 1: 53 or 54 channel separation exempted under §74.1204 (g) for power less than 100 Watts ERP

Note 2: Proposed facility will be co-located with K227AE and meets requirements of §74.1204 (a)(3)

Note 3: Allotment site only

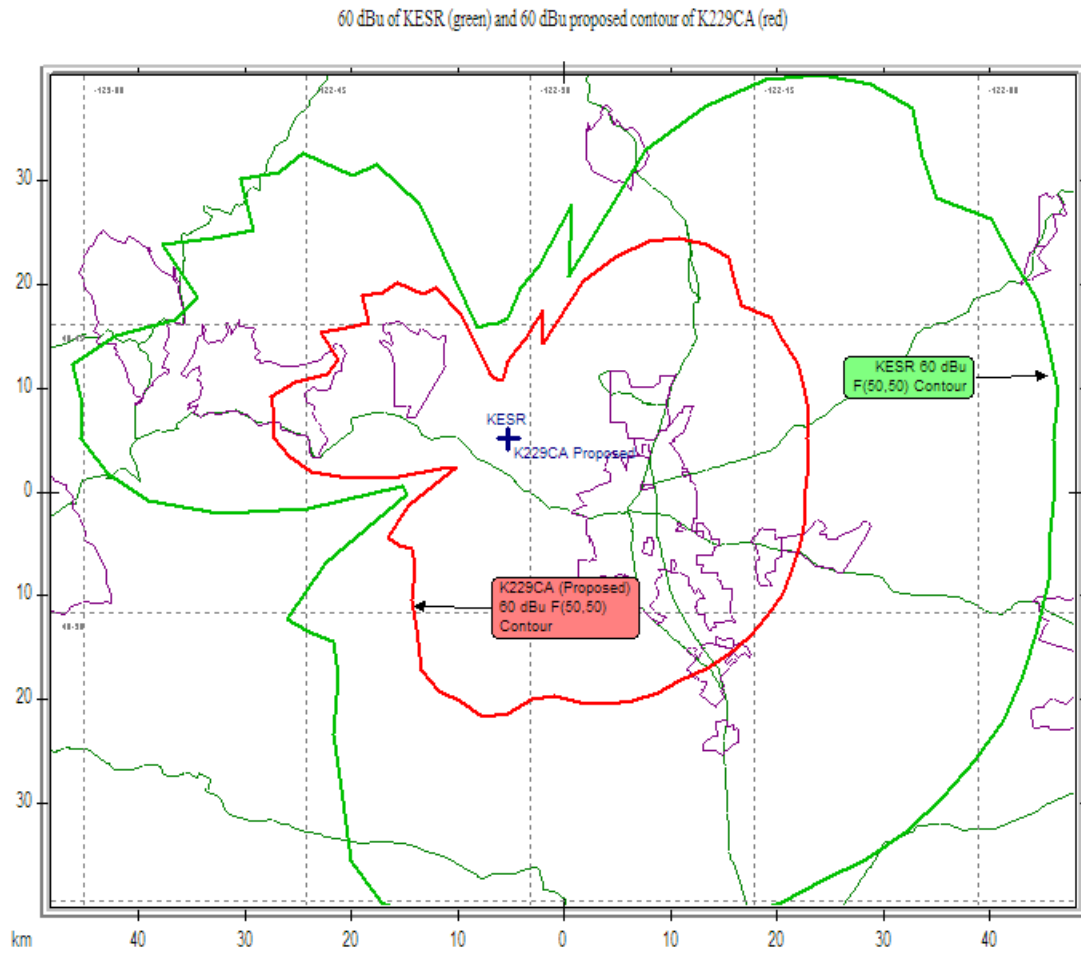
60 dBu of K227AE (green) and 100 dBu interfering contour of K229CA



There is no prohibited contour overlap

State Borders City Borders Highways Lat/Lon Grid

Map Scale: 1:139910 1 cm = 1.40 km V/H Size: 19.05 x 22.97 km



KESR's contour is not extended by the proposed facility

State Borders City Borders Highways Lat/Lon Grid

Map Scale: 1:559640 1 cm = 5.60 km V/H Size: 79.98 x 96.42 km