

Technical Certifications Exhibit

This minor modification of licensed facility complies with all engineering standards and assignment requirements specified in the applicable FCC rules and regulations. This application specifies a move to a new site as indicated below:

	Licensed	Minor Mod
Channel / Class	227D	227D
Geographical Coordinates (NAD 83)	34 31 31.0 119 57 32.0	34 28 14.9 119 40 36.4
ASRN	N/A	N/A
Site elevation	1229.0 m	725.0 m
Tower AGL	5.0 m	14.0 m
Antenna RC AGL	5.0 m	13.0 m
Antenna RC AMSL	1234.0 m	738.0 m
HAAT	912.0	335.8 m
ERP	0.020 kW (V only, DA)	0.250 kW (H&V, DA)

FCC 30 second terrain data

K227BI will utilize an existing antenna, combining with other FM translators also currently using the antenna. The antenna is a CL-FM 2 element composite, a CL-FM(V) mounted at 10 m AGL and a CL-FM(H) mounted at 13 m AGL, both oriented at 200 degrees.

The site is also the location of KTMS-AM. As there will be no physical changes to the existing transmit antenna and feed line this proposal will have no effect on KTMS-AM.

Tabulation of HAAT / ERP / distance to 60 dBucontour

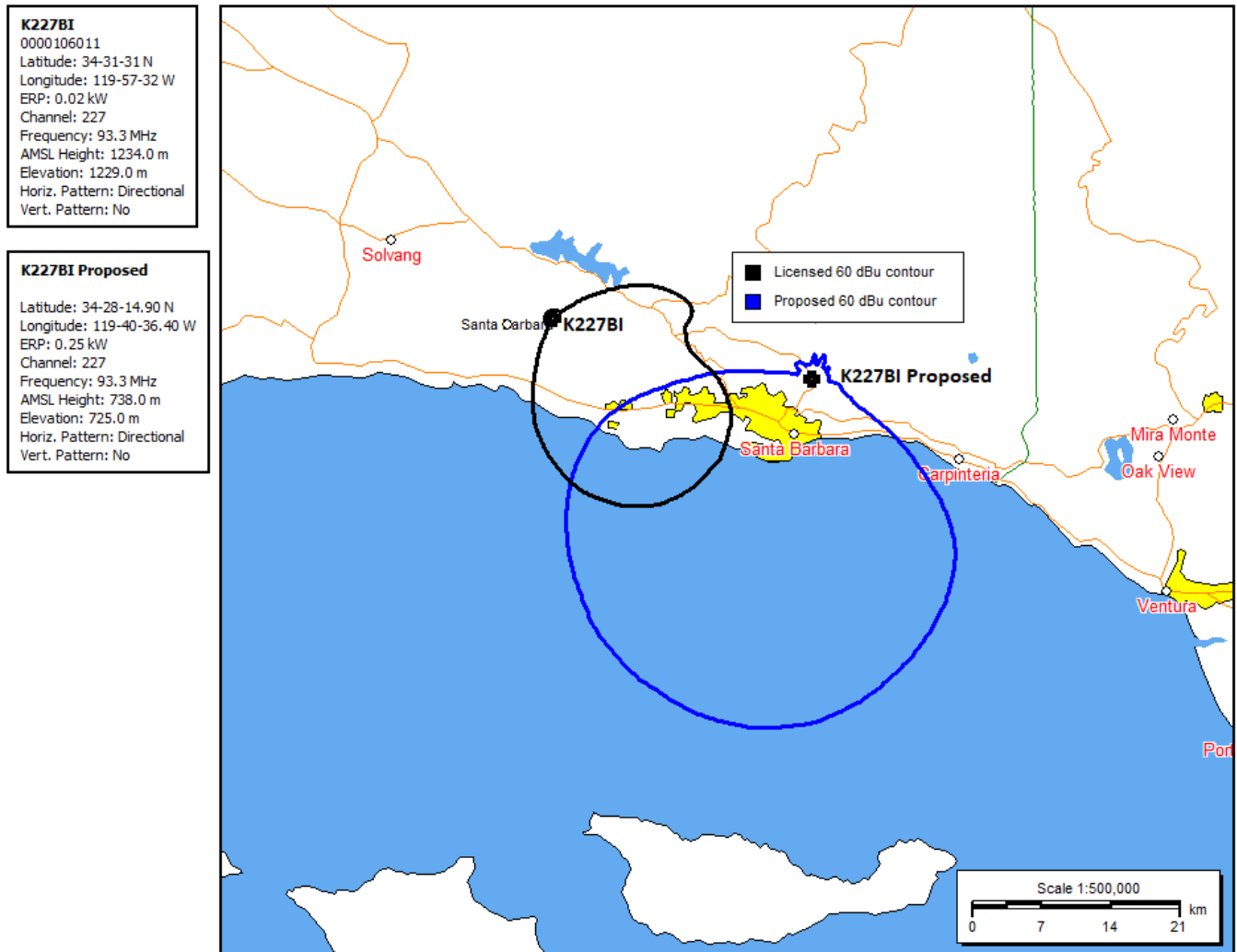
CH 227 34 28 14.9 / 119 40 36.4 0.250 kW ERP (V, DA) 738.0 m COR AMSL 335.8 m HAAT

Azi.	AV EL	HAAT	ERP kW	dBk	Field	60-F5
000	681.9	56.1	0.0004	-33.98	0.040	2.00
010	707.9	30.1	0.0004	-33.98	0.040	1.61
020	671.2	66.8	0.0004	-33.98	0.040	2.13
030	636.1	101.9	0.0004	-33.98	0.040	2.47
040	729.0	9.0	0.0004	-33.98	0.040	1.61
050	691.9	46.1	0.0004	-34.42	0.038	1.77
060	726.8	11.2	0.0003	-35.39	0.034	1.61
070	780.6	-42.6	0.0002	-36.48	0.030	1.61
080	735.5	2.5	0.0002	-36.48	0.030	1.61
090	888.1	-150.1	0.0002	-36.48	0.030	1.61
100	539.2	198.8	0.0002	-36.48	0.030	2.60
110	250.4	487.6	0.0002	-36.48	0.030	3.04
120	95.4	642.6	0.0006	-32.04	0.050	4.95
130	43.4	694.6	0.0090	-20.45	0.190	14.23
140	28.2	709.8	0.0380	-14.20	0.390	22.14
150	26.8	711.2	0.0740	-11.31	0.544	26.10
160	25.4	712.6	0.1190	-9.24	0.690	29.31
170	20.3	717.7	0.1669	-7.78	0.817	32.11
180	13.8	724.2	0.2098	-6.78	0.916	34.33
190	21.6	716.4	0.2401	-6.20	0.980	35.32
200	34.7	703.3	0.2500	-6.02	1.000	35.31
210	47.4	690.6	0.2401	-6.20	0.980	34.58
220	50.8	687.2	0.2098	-6.78	0.916	33.28
230	61.3	676.7	0.1669	-7.78	0.817	31.03
240	61.2	676.8	0.1190	-9.24	0.690	28.53
250	73.0	665.0	0.0740	-11.31	0.544	25.26
260	111.9	626.1	0.0380	-14.20	0.390	20.80
270	206.8	531.2	0.0090	-20.45	0.190	12.47
280	445.1	292.9	0.0006	-32.04	0.050	4.15
290	710.1	27.9	0.0002	-36.48	0.030	1.61
300	774.0	-36.0	0.0002	-36.48	0.030	1.61
310	633.3	104.7	0.0002	-36.48	0.030	2.13
320	627.0	111.0	0.0002	-36.48	0.030	2.17
330	667.5	70.5	0.0002	-36.48	0.030	1.86
340	779.8	-41.8	0.0003	-35.39	0.034	1.61
350	735.1	2.9	0.0004	-34.42	0.038	1.61

FCC 30 second terrain data
 (yellow highlighted values establish average HAAT)

Licensed and proposed 60 dBu contour coverage map

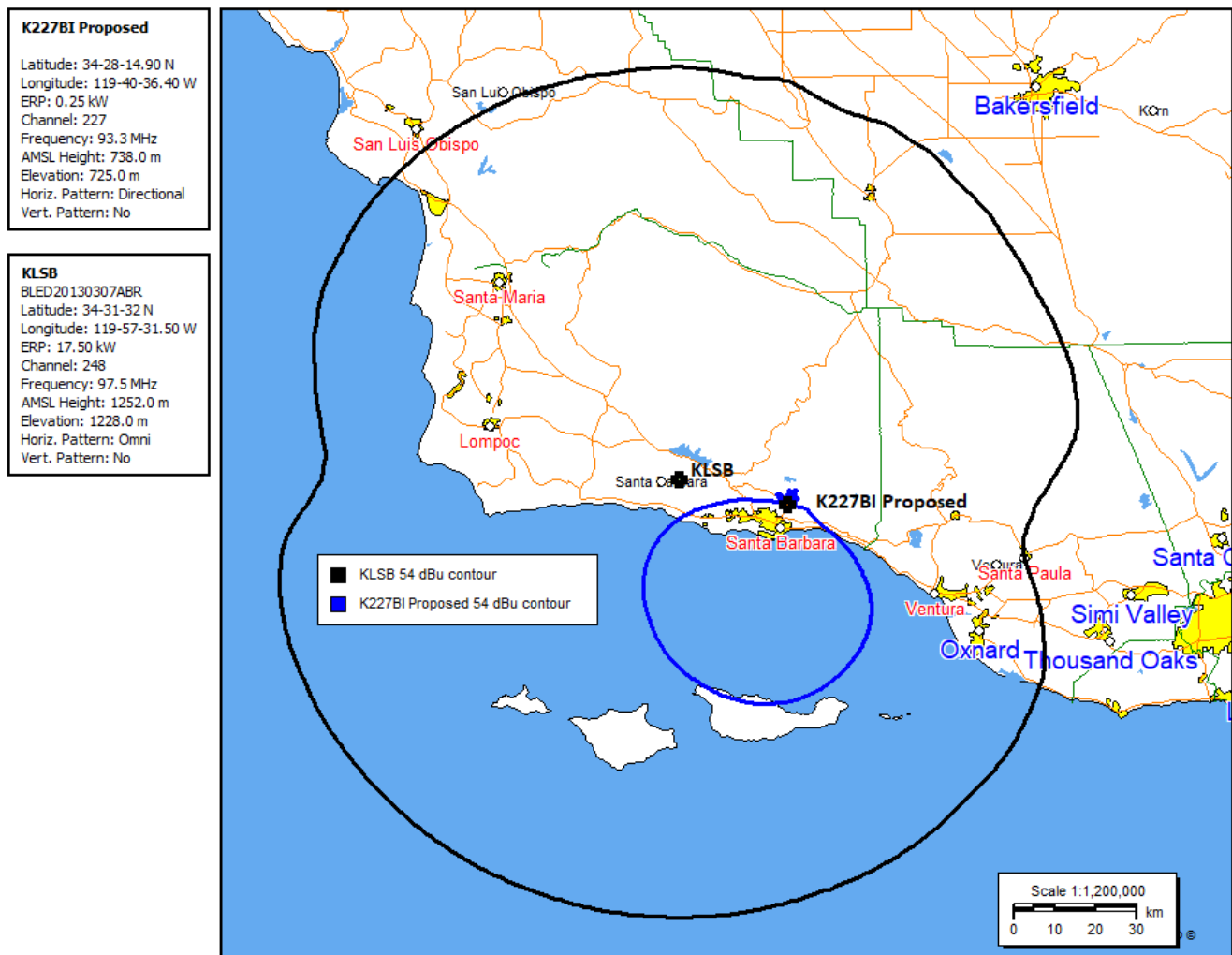
The proposed 60 dBu contour will continue to overlap the licensed 60 dBu contour.



FCC 30 second terrain data

Fill-in Translator

K227BI currently operates as a fill-in of KLSB, Goleta, CA (Facility ID 3159). This minor change application proposes continued operation of K227BI as a fill-in of KLSB. The below map demonstrates that in accordance with Section 74.1201(g) the proposed 54 dBu contour of K227BI will be completely encompassed within the Class B 54 dBu contour of KLSB and thus meets the required criteria for fill-in status.



FCC 30 second terrain data

Multiple Translators

K227BI will have greater than 50% 60 dBu contour overlap with co-owned K280FV, Santa Barbara, CA. Both facilities specify fill-in operation of KLSB, however, they do not share the same signal. K280FV rebroadcasts KLSB-HD2 and K227BI rebroadcasts KLSB-HD3.

Interference Study

CH 227 34 28 14.9 / 119 40 36.4 0.250 kW ERP (V, DA) 738.0 m COR AMSL 335.8 m HAAT

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*
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Reference station:

227D	K227BI	LIC	283.3	26.60	34 31 31.00	0.020				
Santa Barbara	CA		103.1	0000106011	119 57 32.00	910	1234	Educational Media Foundation		

Co-channel, 1st, 2nd, & 3rd channel relationships:

229B	KDB	LIC	191.0	0.53	34 27 57.90	12.500	1.9	26.5	-36.7	-28.1
Santa Barbara	CA		11.0	BMLE20140402AQE	119 40 40.40	265	670	University Of Southern Cal		

225A	KJEE	LIC	190.4	0.56	34 27 56.90	0.820	1.6	9.7	-36.4	-10.2
Montecito	CA		10.4	BMLH19970825KD	119 40 40.40	270	664	Montecito FM, Inc.		

227B	KZOZ	LIC	318.2	133.32	35 21 39.90	23.000	158.6	61.2	-32.9	31.4
San Luis Obispo	CA		137.6	BLH19961226KC	120 39 24.60	472	808	Agm California, Inc.		

227L1	KOXZ-LP	LIC	117.5	41.83	34 17 47.00	0.002			-0.7	-5.8
Ventura	CA		297.8	BLL20160603AAU	119 16 24.40	260	368	La Iglesia Cristiana De Ox		

226B	KCBS-FM	LIC	99.8	149.95	34 13 55.00	27.500	132.5	105.1	1.4	8.7
Los Angeles	CA		280.7	BLH20100818AAQ	118 04 21.20	1074	1975	Audacy License, LLC		

224A	KYRA	LIC	115.4	78.88	34 09 53.00	1.400	2.4	37.5	56.6	40.9
Thousand Oaks	CA		295.8	0000093849	118 54 11.30	208	505	Educational Media Foundation		

230B	KLLI	LIC	100.0	150.54	34 13 36.00	18.500	7.3	88.5	127.0	56.0
Los Angeles	CA		280.9	BLH20060323ABU	118 04 02.20	917	1803	Kxos Radio Holdings, LLC		

228A	KDAY	LIC	112.8	131.57	34 00 19.00	4.200	45.5	27.1	66.5	90.9
Redondo Beach	CA		293.6	BLH20090618ADE	118 21 47.30	117	184	Meruelo Radio Holdings, LL		

I.F.:

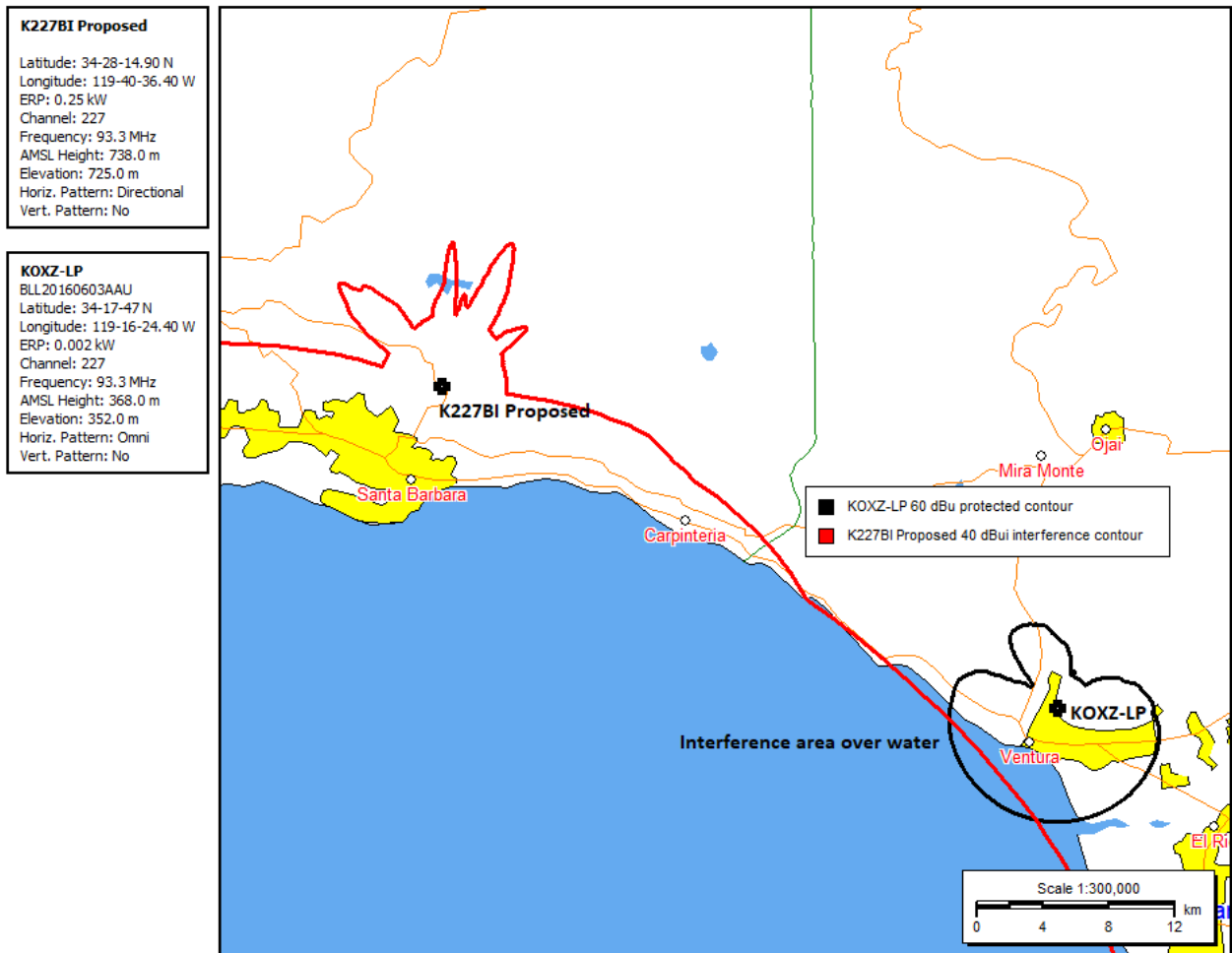
280A	KBDS	LIC	15.3	74.45	35 07 03.80	6.000	26.7	18.1	9.5R	65.0M
Taft	CA		195.4	BLH19900504KD	119 27 36.40	100	527	Chavez Radio Group		

281B1	KBOX	LIC	293.4	76.75	34 44 29.90	3.300	26.7	18.1	11.5R	65.3M
Lompoc	CA		112.9	BLH20070814AAD	120 26 48.50	274	425	Agm California, Inc.		

 FCC 30 second terrain data

Interference Study

K227BI as proposed will have 40 dBu interference contour overlap with the protected 60 dBu contour of KOXZ-LP (LIC) that falls entirely over water.



FCC 30 second terrain data

Interference Study

K227BI as proposed will be located within the protected contour of the following second adjacent facilities:

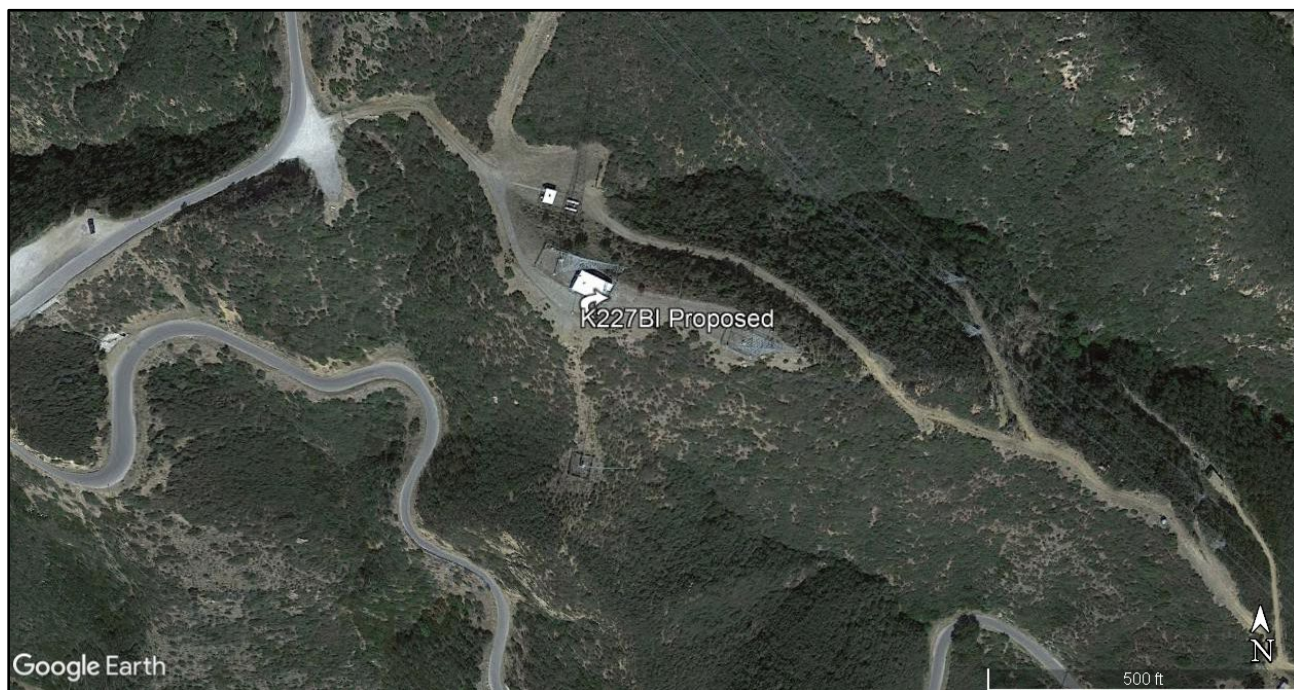
KDB, CH 229B, Santa Barbara, CA

KDB signal strength at the K227BI site	123.3 dBu
K227BI interference contour	163.3 dBu
Distance to K227BI interference contour	0.8 meters

KJEE, CH 225A, Montecito, CA

KJEE signal strength at the K227BI site	111.0 dBu
K227BI interference contour	151.0 dBu
Distance to K227BI interference contour	3.1 meters

K227BI's antenna RC AGL height of the CL-FM 2 element antenna is 13 meters (H) and 10 meters (V). The corresponding interference contour distance to both KDB and KJEE will not reach the ground or cover any occupied buildings, therefore, based on the showing of no population within the area of predicted interference a waiver of Section 74.1204(d) is respectfully requested.



Environmental Impact & RFR Compliance Statement

K227BI will be located at an established communications site that is in compliance with all environmental impact requirements.

K227BI as proposed will operate with 0.250 kW ERP. There are other broadcast facilities at the site, therefore, during equipment tests of the completed facility, RFR measurements will be taken to ensure that the facility will be in compliance with all RFR requirements.

The site has restricted access to only authorized personnel. The applicant certifies that in cooperation with other users of the site all authorized personnel will be protected from RFR exposure in excess of FCC guidelines while accessing any controlled exposure area, including the tower, by either reducing power or ceasing operations.