

KXOL-FM1 Modification of CP Application

July 9, 2014

REFERENCE CH# 242D - 96.3 MHz, Pwr= 0.014 kW DA, HAAT= 662.71 M, COR= 1118 M DISPLAY DATES
 34 19 48.0 N. Average Protected F(50-50)= 16.0 km DATA 07-09-14
 118 35 56.0 W. Standard Directional SEARCH 07-09-14

CH CITY	CALL	TYPE	ANT STATE	AZI. <--	DIST FILE #	LAT. LNG.	Pwr(kW) HAAT(M)	INT(km) COR(M)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT*
242B Los Angeles	KXOL-FM	LIC	ZCX CA	115.3	34.67	34 11 48.0	6.600	109.8	55.4	-82.8*	-69.2*
				295.4	BLH20060926AHF	118 15 30.0	398	848	Kxol Licensing, Inc.		
240A Camarillo	KOCP	CP	CX CA	284.5	41.34	34 25 20.0	1.000	2.2	46.5	37.0	-5.2*<
				104.3	BPH20121016ACW	119 02 04.0	245	892	Gold Coast Broadcasting Ll		
244A Santa Paula	KLJR-FM	LIC	CX CA	269.5	40.44	34 19 33.0	0.280	1.2	25.7	36.2	14.7
				89.2	BMLH20040420AAV	119 02 18.0	457	703	Lazer Licenses, Llc		
244D Palmdale	K244EW	CP	DV CA	334.0	29.49	34 34 07.1	0.010	0.1	7.5	25.6	21.9
				153.9	BNPFT20130826AEE	118 44 25.9		1251	Living Proof, Inc.		
240B1 Camarillo	KOCP	LIC	NCN CA	272.0	67.94	34 20 55.0	1.200	2.3	44.5	62.7	23.4
				91.5	BLH19980209KF	119 20 13.0	444	689	Gold Coast Broadcasting Ll		
241A Mojave	KCEL	LIC	NCX CA	19.6	90.03	35 05 38.0	0.630	50.9	33.1	29.9	41.2
				199.8	BMLH20101130API	118 16 00.0	251	1466	Coloma Mojave, Llc		

Terrain database is NGDC 30 SEC, R= 73.215 qualifying spacings or FCC minimum spacings in KM, M= Margin in KM
 Contour distances are on direct line to and from reference station. Reference Zone= East Zone 2A, Co to 3rd adjacent.
 Ant Column: (D= DA Standard, Z= DA 73.215, N= Not DA 73.215, _= Omni), Polarization (C,H,V,E), Beamtilt(Y,N,X)
 "*"affixed to 'IN' or 'OUT' values = site inside protected contour.
 < = Contour Overlap
 Reference station has protected zone issue:

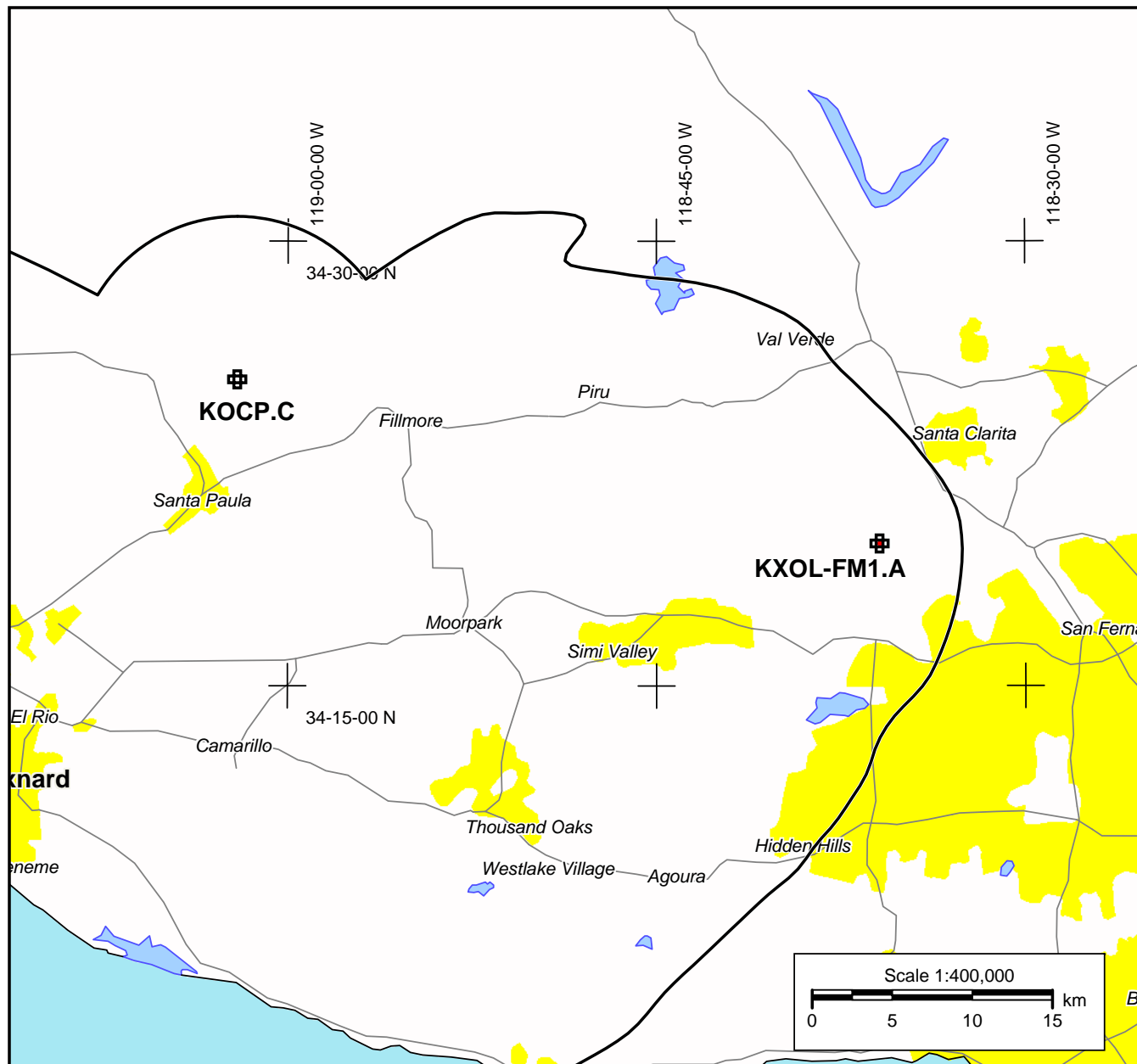
Exhibit 13 - Channel Study of Proposed KXOL-FM Booster

Exhibit 13A - Proposed Booster Site and 2nd Adjacent KOCP CP



The 100 dBu F(50,10) 2nd adjacent Interfering signal of the proposed booster extends less than 0.27 km.

As Exhibit 13B shows there are no residences or occupied buildings within 0.30 km of the proposed site. Therefore the proposal complies with 47 CFR 74.1204(d).



KOCP.C Camarillo, CA

BPH20121016ACW
Channel: 240A
Latitude: 34-25-20 N
Longitude: 119-02-04 W
ERP: 1.00 kW
HAAT 245.0 m
Frequency: 95.9 MHz
AMSL Height: 892.0 m
Elevation: 875.0 m
Horiz. Pattern: Omni

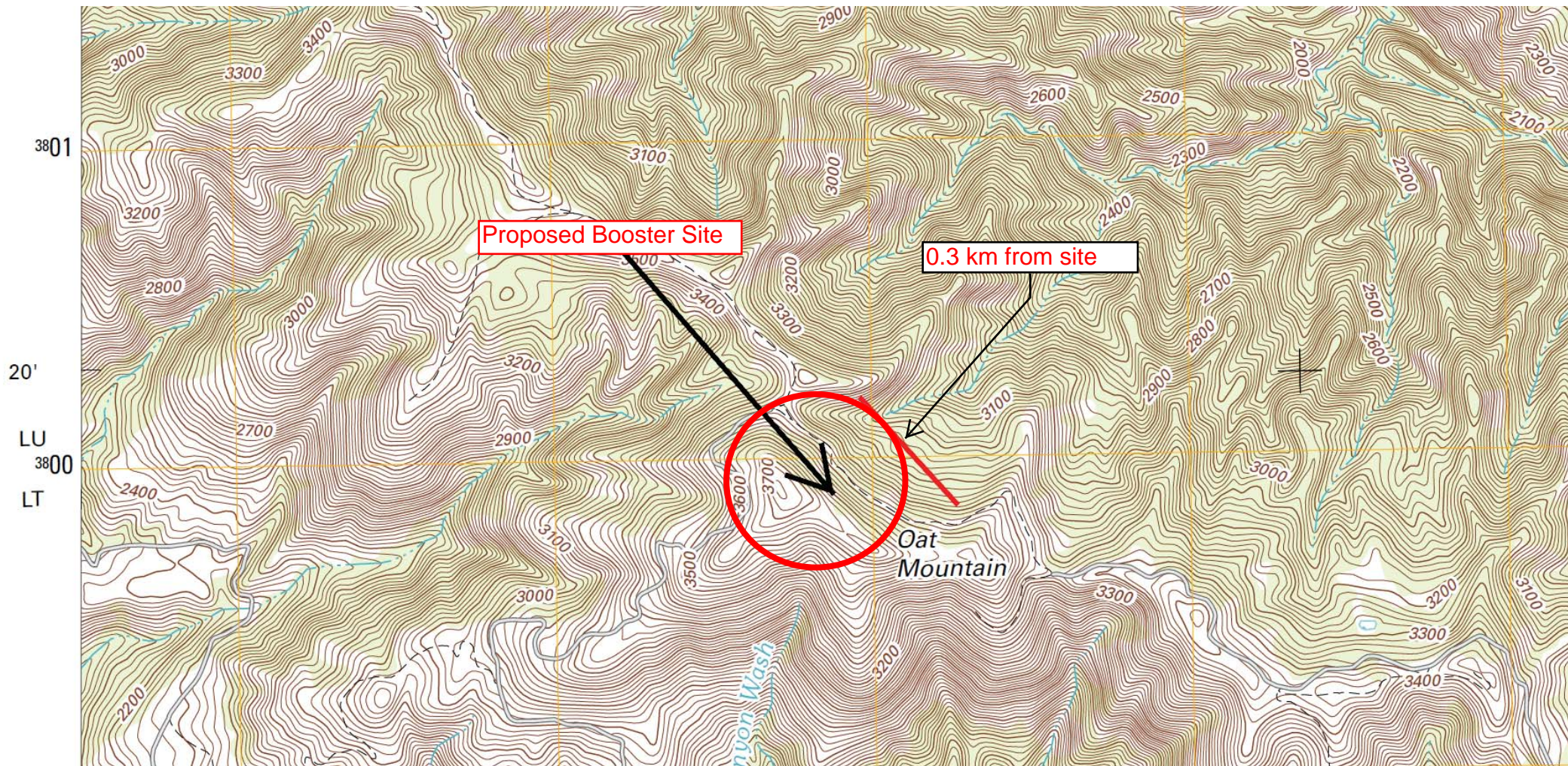
KXOL-FM1.A

Santa Clarita, CA
Channel: 242D
Latitude: 34-19-48 N
Longitude: 118-35-56 W
ERP: 0.014 kW
HAAT 662.71 m
Frequency: 96.3 MHz
AMSL Height: 1118.0 m
Elevation: 1114.0 m
Horiz. Pattern: Directional
Study Date: 7/9/2014

Exhibit 13B, Proposed KXOL-FM Booster

Oat Mountain USGS 7.5 minute Quadrangle Map

7/9/2014



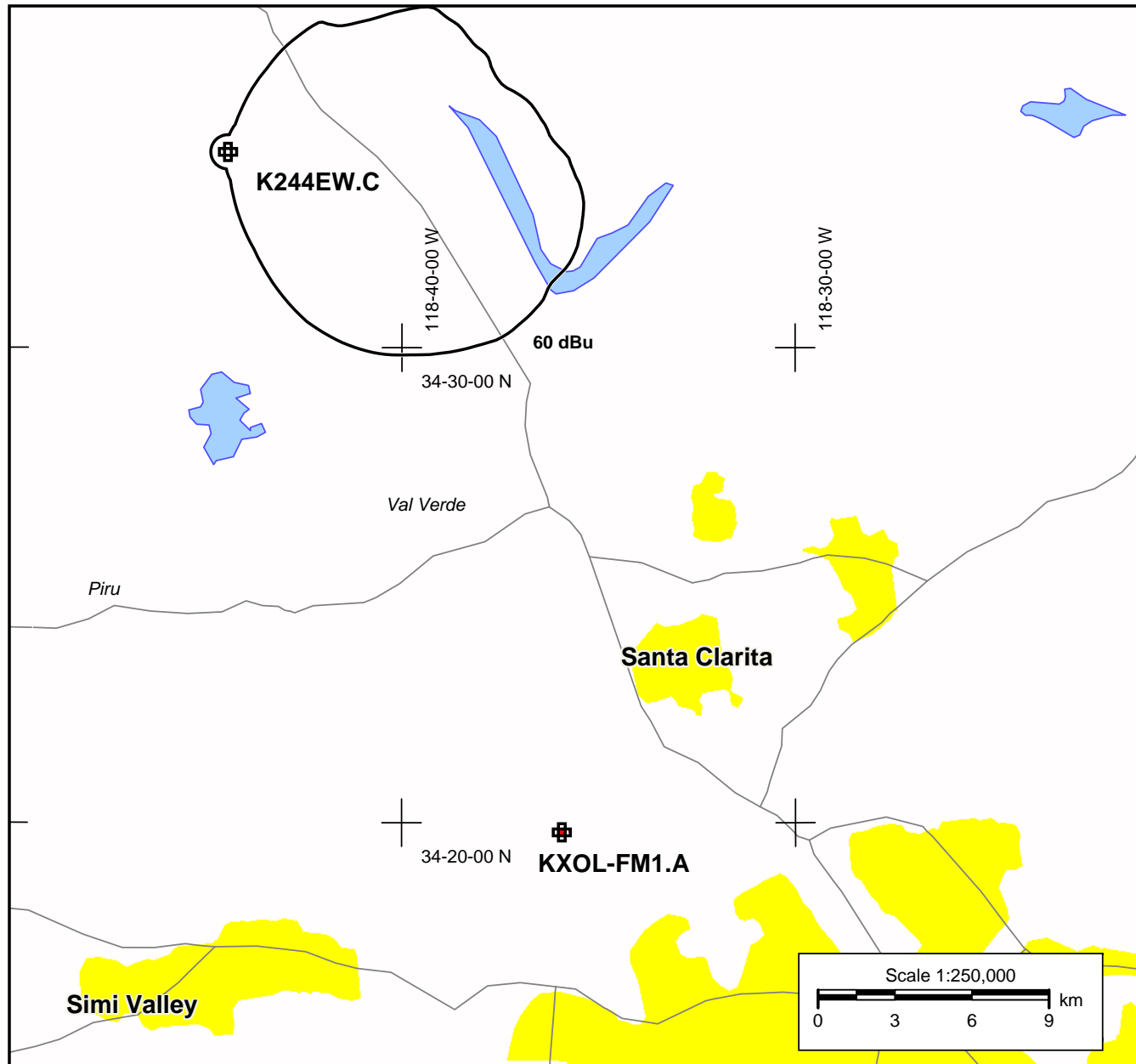
There are no houses or occupied structures near the proposed Booster Site.
The 100 dBu contour does not extend beyond 0.27 km from site.

Exhibit 13C - Proposed Booster & 2nd Adjacent K244EW.C



The 100 dBu F(50,10) 2nd adjacent Interfering signal of the proposed booster extends less than 0.27 km.

As shown here, the protected 60 dBu contour of the CP for FM translator in BNPFT-20130826AEE does not come close to the proposed Booster site.



K244EW.C

Palmdale, CA
BNPFT20130826AEE
Channel: 244D
Latitude: 34-34-07.10 N
Longitude: 118-44-25.90 W
ERP: 0.01 kW
HAAT 469.94 m
Frequency: 96.7 MHz
AMSL Height: 1251.0 m
Elevation: 1243.0 m
Horiz. Pattern: Directional

KXOL-FM1.A

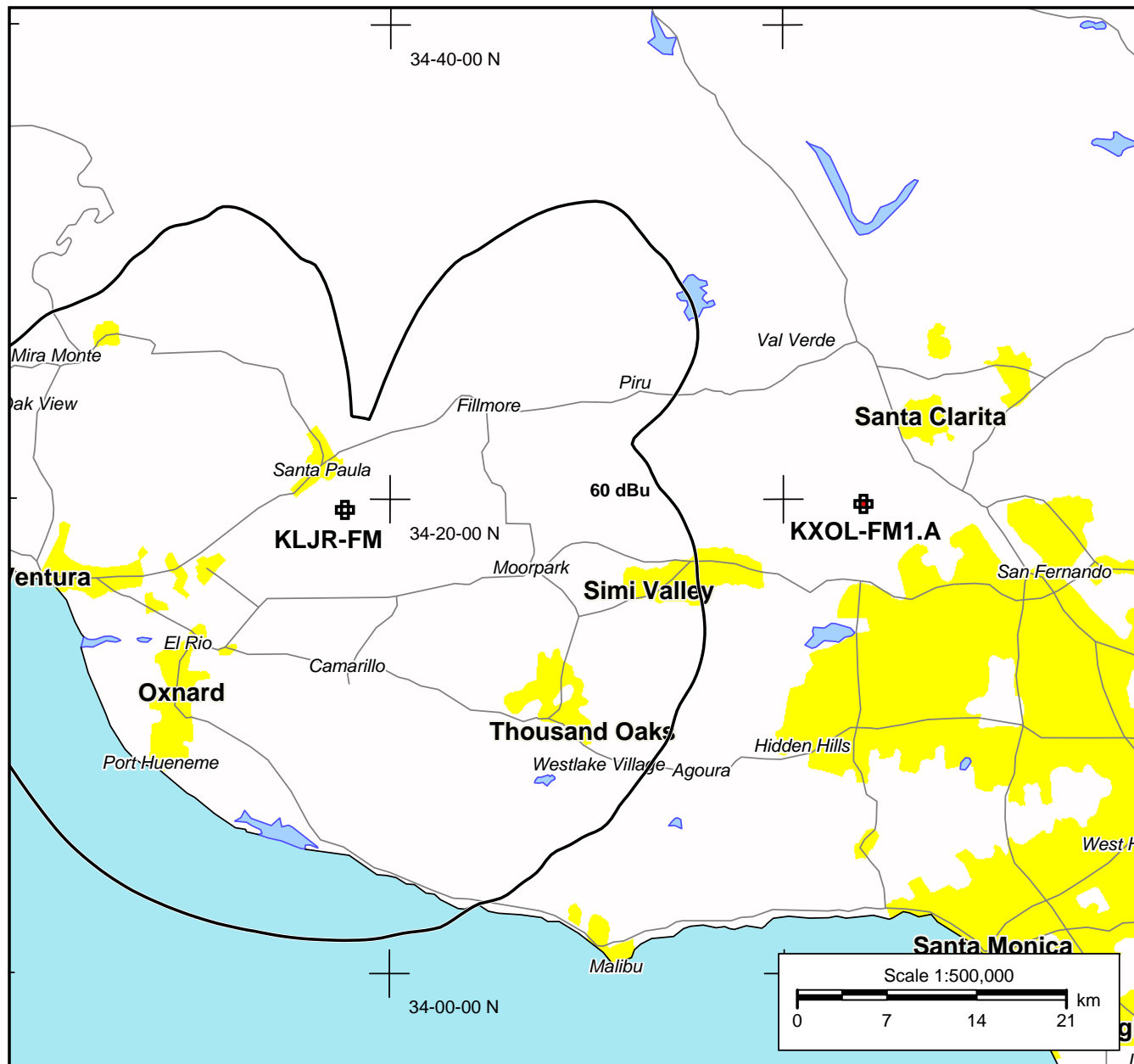
Santa Clarita, CA
Channel: 242D
Latitude: 34-19-48 N
Longitude: 118-35-56 W
ERP: 0.014 kW
HAAT 662.71 m
Frequency: 96.3 MHz
AMSL Height: 1118.0 m
Elevation: 1114.0 m
Horiz. Pattern: Directional
Study Date: 7/9/2014

Exhibit 13D - Proposed Booster & 2nd Adjacent KLJR-FM Santa Paula



The 100 dBu F(50,10) 2nd adjacent Interfering signal of the proposed booster extends less than 0.27 km.

As shown here, the protected 60 dBu contour of 2nd Adjacent KLJR-FM Santa Paula, CA does not come close to the proposed booster site.



KLJR-FM

Santa Paula, CA
BMLH20040420AAV
Channel: 244A
Latitude: 34-19-33 N
Longitude: 119-02-18 W
ERP: 0.28 kW
HAAT 457.0 m
Frequency: 96.7 MHz
AMSL Height: 703.0 m
Elevation: 688.0 m
Horiz. Pattern: Omni

KXOL-FM1.A

Santa Clarita, CA
Channel: 242D
Latitude: 34-19-48 N
Longitude: 118-35-56 W
ERP: 0.014 kW
HAAT 662.71 m
Frequency: 96.3 MHz
AMSL Height: 1118.0 m
Elevation: 1114.0 m
Horiz. Pattern: Directional
Study Date: 7/9/2014