

**TECHNICAL EXHIBIT
APPLICATION FOR FM CONSTRUCTION PERMIT
STATION KRSX-FM
YERMO, CA. (287B1) TO TWENTYNINE PALMS (287A)**

TECHNICAL NARRATIVE

This technical exhibit was prepared in support of an application for construction permit for FM station KRSX-FM currently licensed to Yermo, California (BLH19961018KC). KRSX-FM by means of this application wishes to change community of license from Yermo to Twentynine Palms, CA. as that community's second local service and downgrade from 287B1 to 287A. It is proposed to operate KRSX-FM under 73.215 rules to co-channel station KIOZ (FM) in San Diego.

CONSTRUCTION OF KDES-FM REQUIRED

KRSX-FM cannot operate on 287A in Twentynine Palms, CA. until KDES-FM completes its relocation from 284B in Palm Springs, CA. to 284A at Redlands, CA. as authorized in its construction permit BPH20071128ACX.

COMMUNITY COVERAGE (Paragraph 14)

Exhibit A is a map which demonstrates that KRSX-FM's proposed operation at Twentynine Palms, CA. will comply with the provisions of 73.315. KRSX-FM will encompass 100% of the population of Twentynine Palms, CA. (2000 census) and will cover 96.5% of the area encompassed by the city limits. Exhibit E depicts present and proposed 60dBu and 70dBu service contours for KRSX-FM.

ALLOTMENT (Paragraph 13)

Following is a separation study from the proposed reference coordinates for KRSX-FM. As shown, the reference allotment coordinates comply with the minimum separation requirements of Section 73.207 for class A operation on channel 287 with the exception of KDES-FM which, as noted above, holds a construction permit to relocate. Following KDES-FM's relocation, KRSX-FM will be fully compliant from the proposed reference coordinates.

ComStudy 2.2 search of channel 287 (105.3 MHz Class A) at 34-08-00.0 N, 116-07-02.0 W.

Callsign	State	City	Freq	Channel	ERP_w	Class	Status	Dist_km	Sep	Clr	Notes
	CA	NEEDLES	105.3	287	0	B1	ADD	158.45	143	15.4	
	CA	NEEDLES	105.3	287	0	B1	ADD	143.5	143	0.5	
DKZAL*	CA	DESERT CENTER	105.5	288	0	A	APP	81.45	72	9.4	
KDES-FM	CA	PALM SPRINGS	104.7	284	2000	B	LIC	41.73	69	-27.3	CP BPH20071128ACX To Redlands, CA
KDES-FM	CA	PALM SPRINGS	104.7	284	41000	B	LIC	41.73	69	-27.3	
KIOZ	CA	SAN DIEGO	105.3	287	0	B	USE	178.05	178	0	
KIOZ	CA	SAN DIEGO	105.3	287	350	B	LIC	177.96	178	0	
KIOZ	CA	SAN DIEGO	105.3	287	26000	B	LIC	177.97	178	0	
KRSX-FM	CA	YERMO	105.3	287	0	B1	USE	102.24	143	-40.8	MX to current KRSX-FM Allotment
KRSX-FM	CA	YERMO	105.3	287	400	B1	LIC	116.28	143	-26.7	
KWBB-LP	CA	BIG BEAR LAKE	105.5	288	100	LP100	LIC	71.17	56	15.2	
KXRS	CA	HEMET	105.5	288	0	A	USE	86.19	72	14.2	
KXRS	CA	HEMET	105.5	288	6000	A	CP MOD	80.28	72	8.3	
NEW	CA	NEEDLES	105.3	287	0	B1	RSV	158.45	143	15.4	
NEW	CA	NEEDLES	105.3	287	25000	B1	APP	159.12	143	16.1	

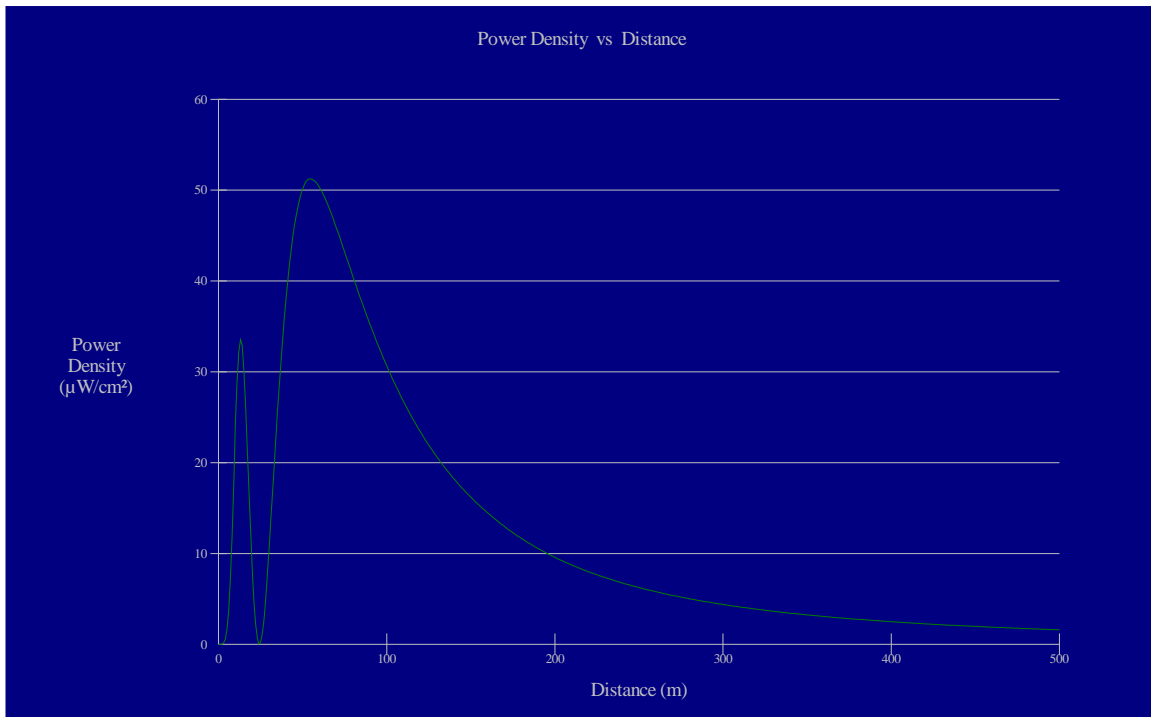
Exhibit B shows that from the reference coordinates, the 70dBu uniform terrain contour completely encompasses the community of Twentynine Palms. Further, the reference coordinates are inside the community borders. Exhibit C depicts the reference coordinates for KRSX-FM on a topographic map.

Interference Protection (Section 16)

The proposed facility for KRSX-FM will protect all channels pursuant to 73.207 with the exception of station KIOZ in San Diego, CA. As shown in Exhibit D, KRSX-FM will fully protect KIOZ under 73.215. It is requested that the proposed facility be processed under 73.215 with respect to station KIOZ.

Environmental Exhibit (Section 17)

It is proposed to relocate KRSX-FM to an existing tower. The antenna for this facility is proposed to replace the existing aperture of KQCM as currently licensed. KQCM holds a construction permit to relocate to Thermal, CA. from a different tower location. KRSX-FM will be the only broadcast facility operating from the proposed tower. FM Model for Windows was run for the proposed facility using a 4 bay, 0.5λ, ERI "rototiller" type antenna with 6kw Horizontal and 6kw Vertical ERP. As shown below, the antenna is predicted to generate 51.2μW/cm³ at 2 meters AGL which is 25.6% of the public (uncontrolled) exposure limit of 200μW/cm³. Based upon the foregoing, the proposed KRSX-FM facility will comply with OST Bulletin No. 65 pertaining to limits for human exposure to radiofrequency (RF) electromagnetic fields.



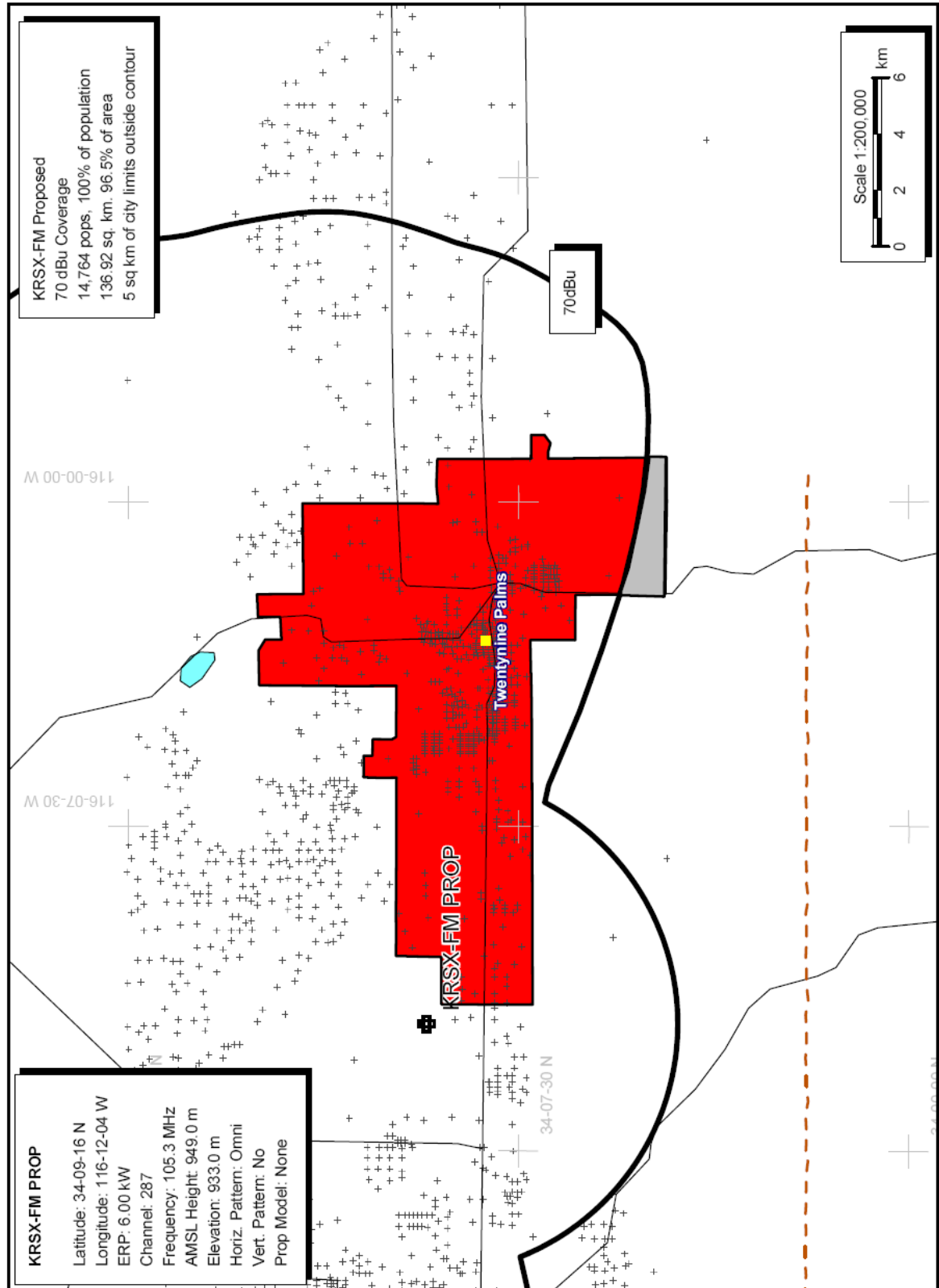
The applicant further certifies that it will reduce power or cease operation as necessary to protect persons having access to the site, tower, and antenna from radiofrequency electromagnetic exposure in excess of FCC guidelines.

Signed:

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EXHIBIT A

KRSX-FM Proposed City Grade Coverage



Fully Spaced* Reference Coordinates, KRSX Prop 287A

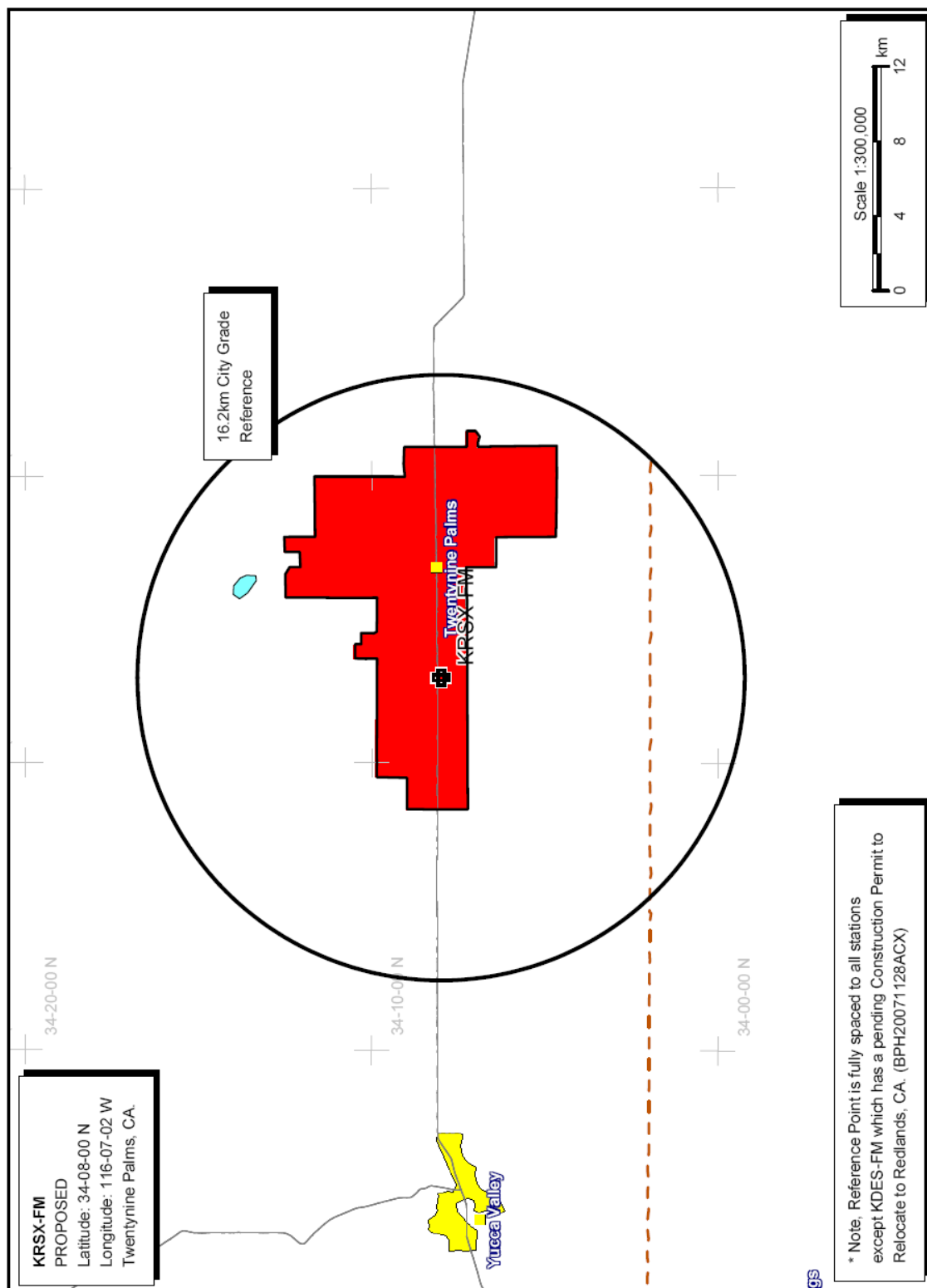


EXHIBIT C

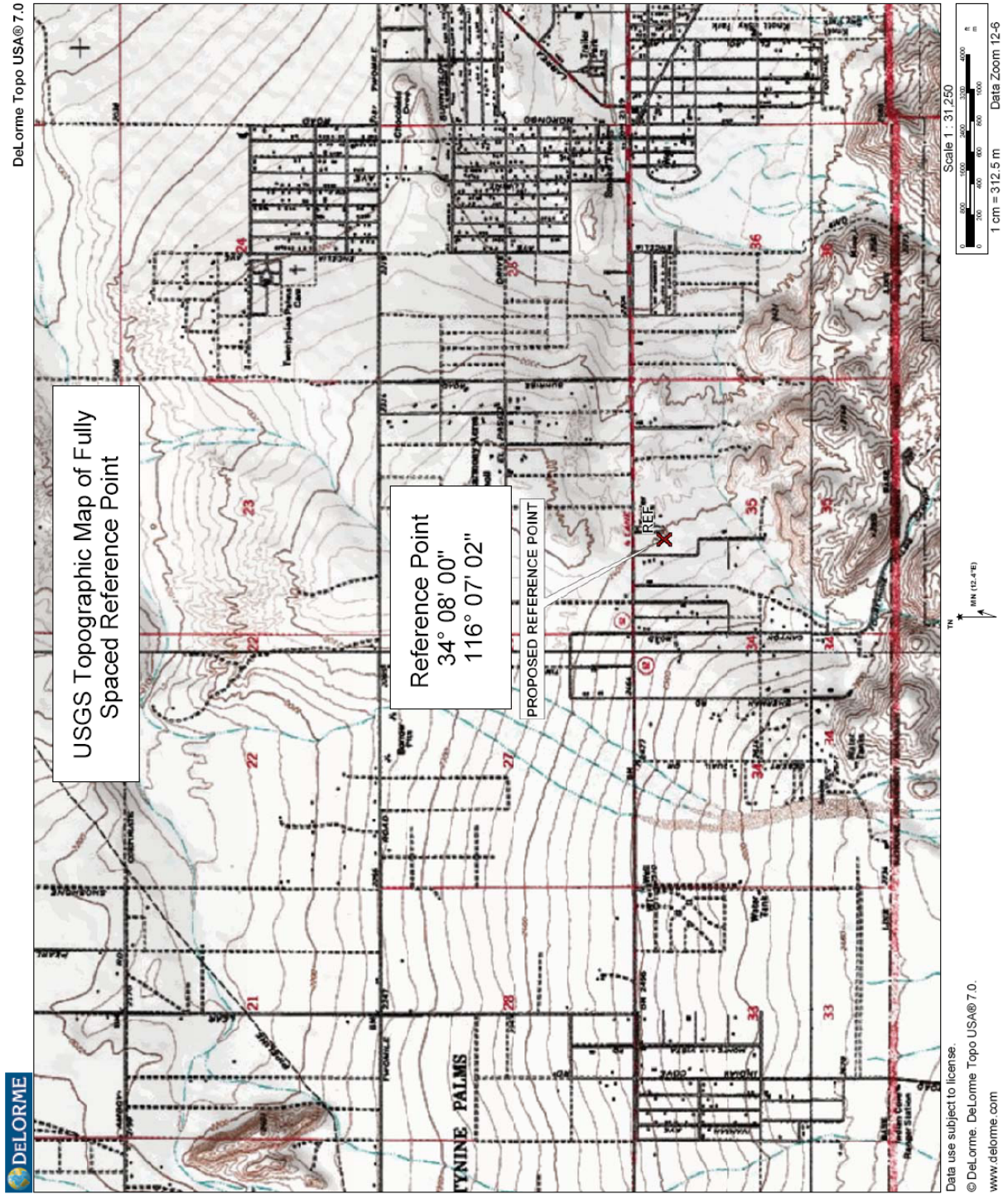
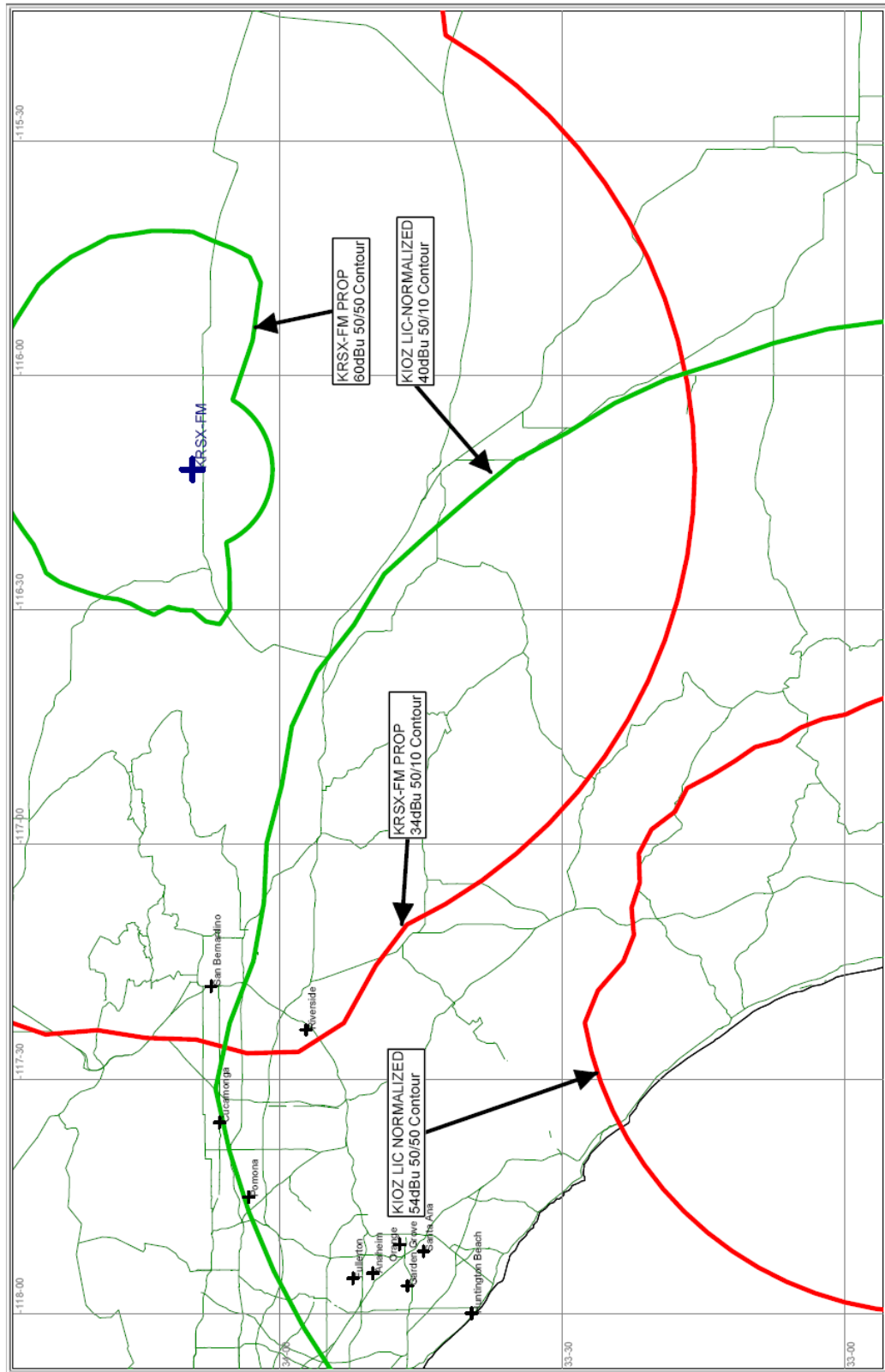


EXHIBIT D

KRSX-FM Proposed Contour Protection to KIOZ (FM)



Present and Proposed Service Contour Study

EXHIBIT E

