

Technical Exhibit

ONDAS DE VIDA NETWORK, INC.
Technical Exhibits in Support of Minor Change to Licensed Facility for KVID

CHANNEL 206B
5.8 kW
219 meters HAAT

34 58 17.0 N x 117 2 22.0 W
Barstow, California

January 2, 2007

ONDAS DE VIDA NETWORK, INC.
Technical Exhibits in Support of Minor Change to Licensed Facility for KVID

KVID Channel 206B – 89.1 Mhz – 5.8 kW - 219 M HAAT - Barstow, California

This Exhibit is in support of the Minor Change to Licensed Facility application by ONDAS DE VIDA NETWORK, INC. (herein “Applicant”) for changes to KVID in Barstow, California that will increase ERP and propose use of a directional antenna.

Station KVID currently operates on channel 206A from Barstow, California.

Contour protection to co-channel, first, second, and third adjacent channels is shown herein and is 100%. There are no facilities operating on I.F. frequencies within 100 km of the existing site (Figures 1-3, Table 1).

The antenna site is located within 320 km of the common border between Mexico and the United States. The proposed facility meets all of the distance separation requirements with respect to all Mexican facilities operating on co-channel, first, second, third adjacent, and I.F. channels as required by 47 CFR Section 73.207(b)(3) of the Commission’s rules (Table 2).

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TV Channel 6 Interference Statement

The nearest TV Channel 6 station, KMOH, Kingman, Arizona is located 244.2 km from the KVID antenna site. Section 73.525 of the Commission's rules designates TV Channel 6 stations within 211 km of FM stations that operate on channel 206 to be "affected" TV Channel 6 stations. KVID exceeds this minimum separation by 33.2 km. Therefore, there are no affected TV Channel 6 stations with respect to this application and the KVID modification is fully compliant with Sec. 73.525 of the rules.

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Rf Radiation Compliance

The Rules require that an addition to any multiple use site must not contribute non-ionizing RF Radiation in excess of the TOTAL limits for each class of service in either of the two selected environments.

In the case of UHF television, this limit (measured in milliwatts) is $f/300$ (where f is the operating frequency) for the controlled, or worker, environment, or $f/1500$ for the uncontrolled, or public, environment per square centimeter at 2 meters above ground level. In the case of FM, this limit is 1.0 milliwatts for the controlled, or worker environment, or 0.2 milliwatts for the uncontrolled, or public, environment per square centimeter at 2 meters above ground level.

Application BNPTTL-20000807AEM (Facility ID 125285) proposes to operate from the same site as KVID on UHF TV channel 14 (473 MHz center frequency) with 1kW ERP with a center of radiation of 63 meters AGL. As such, Facility ID 125285, if granted would contribute a maximum of 12 microwatts (0.012 milliwatts) per square centimeter at 2 meters above ground level, which occurs between 10 and 30 meters from the base of the tower. Thus, this amount is 0.8% of the controlled environment and 3.8% of the uncontrolled environment limit.

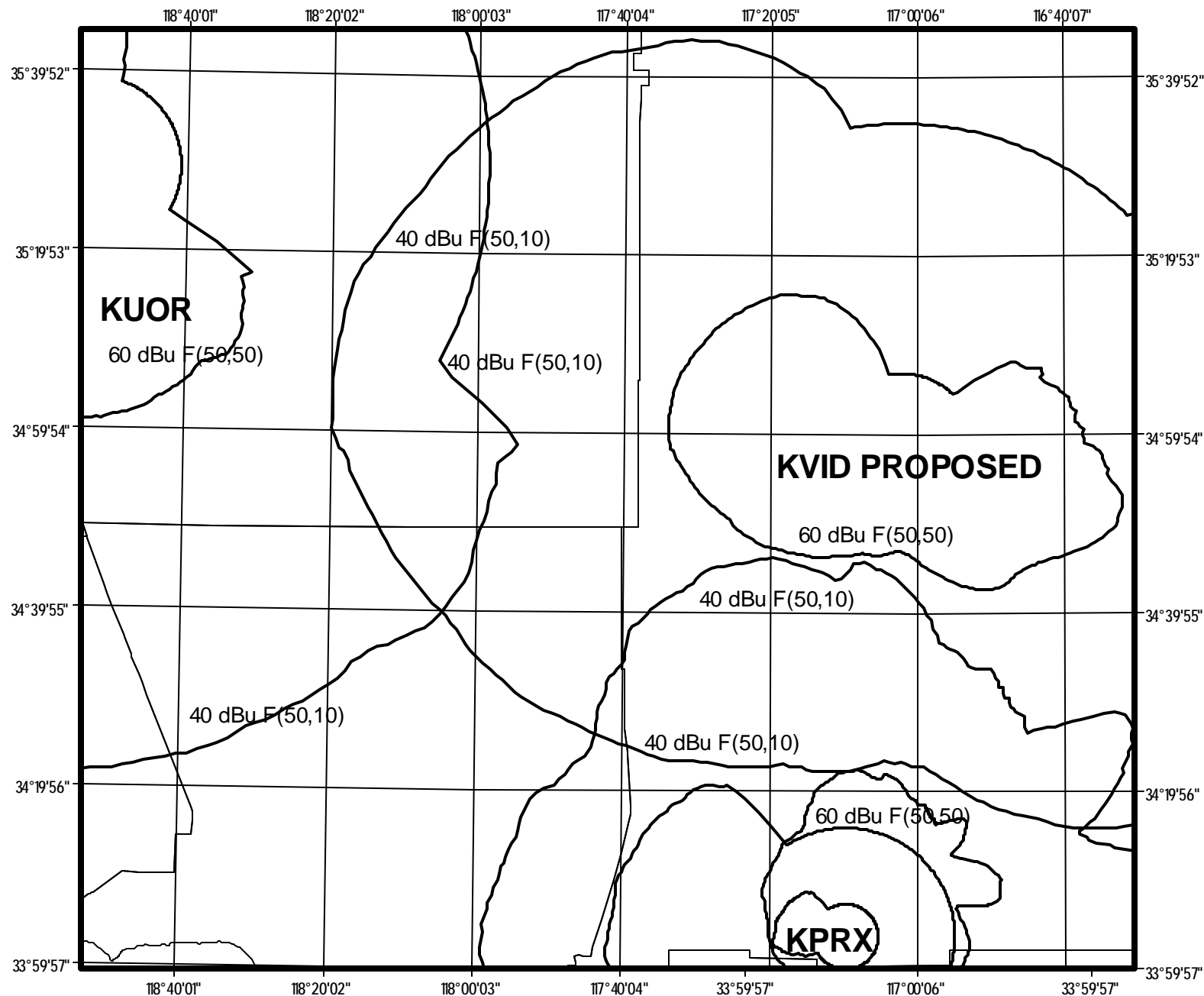
KVID-FM proposes to operate at 5.8 kW with its antenna located at 13 meters above ground level. A 2-bay Shively 6810 Series antenna is proposed. As such, KVID would contribute a maximum of 625 microwatts (0.625 milliwatts) per square centimeter at 2 meters above ground level, which occurs at 6 meters from the base of the tower. Thus, this amount is 62.5% of the controlled environment and 312.5% of the uncontrolled environment limit at 6 meters from the base of the tower. Given that access to the site is restricted by a locked fence, and given that the no more than 0.2 milliwatts per square centimeter at 2 meters above ground level is predicted to occur at any point beyond 11 meters from the base of the tower, the total radiation contributed by KVID would be less than the ANSI limit for all points in the uncontrolled environment.

Thus, considering all current and proposed facilities operating from the proposed site, KVID's proposed contribution would bring the total radiation in the controlled environment to no more than 63.3% of the ANSI limit while the total radiation in the uncontrolled environment would be less than 100% of the ANSI limit at all points beyond 11 meters from the base of the tower. This tower is fenced at the base and access is therefore restricted. Therefore, this proposal is fully compliant with the provisions of OST Bulletin #65 as recently amended.

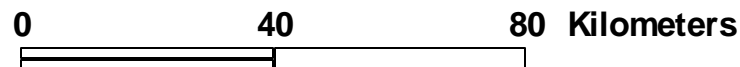
The contributions of these facilities were calculated using FM-Model from OET. The EPA Dipole antenna (worst case) was used for BNPTTL-20000807AEM. However, in the cases of KVID, the Shively 6800 Series 2-bay model was used.

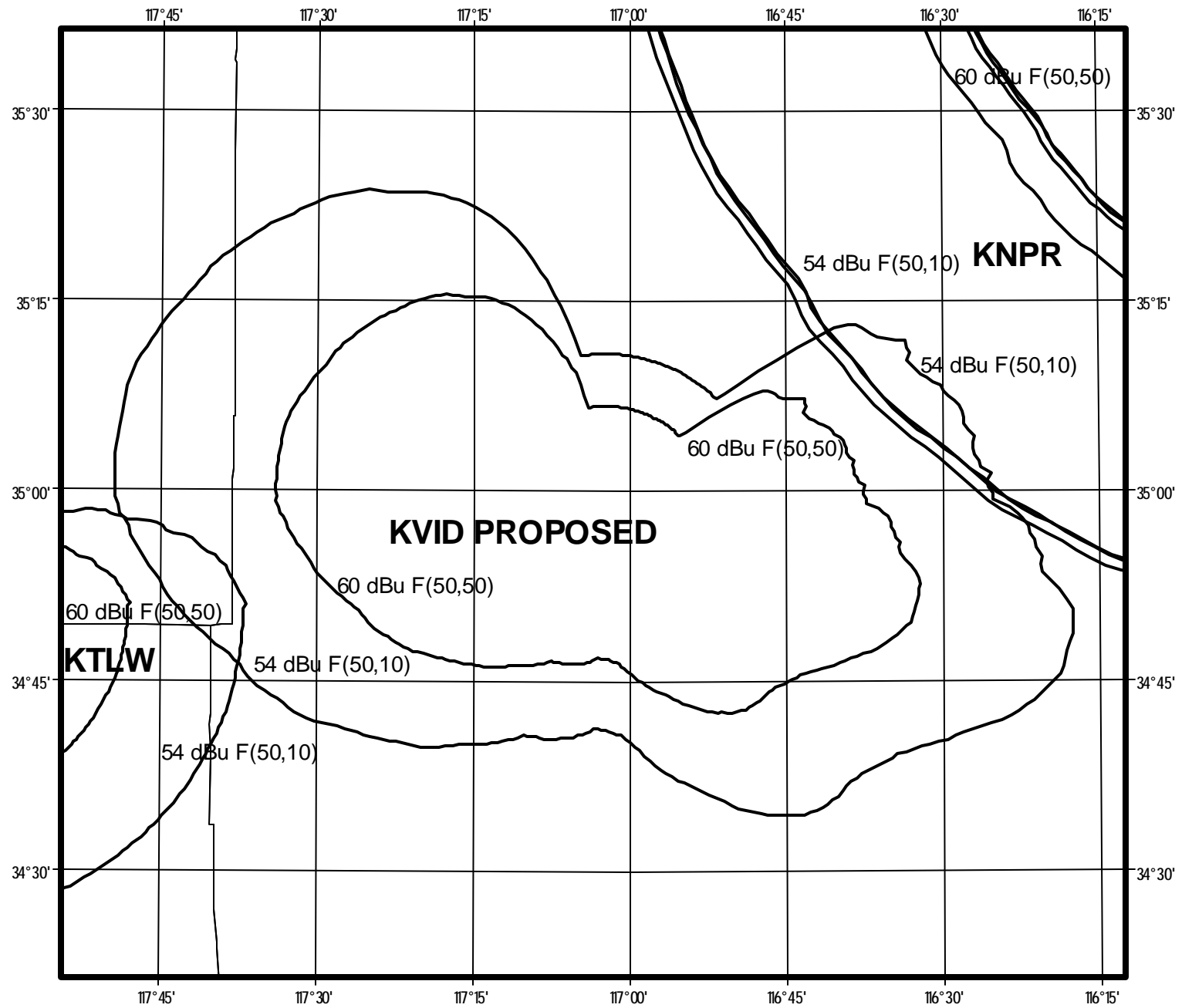
Further to the requirements and intentions of the FCC, KVID will post appropriate signs at entrances to the property, on the walls and doors of buildings containing transmitter, and on fences warning the public and workers of the potential hazard.

KVID will require that the power to the antenna be reduced as necessary to accommodate workers or will discontinue operation, if necessary, for this purpose.

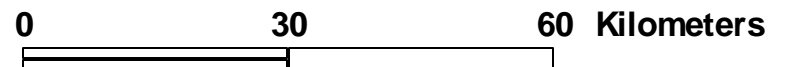


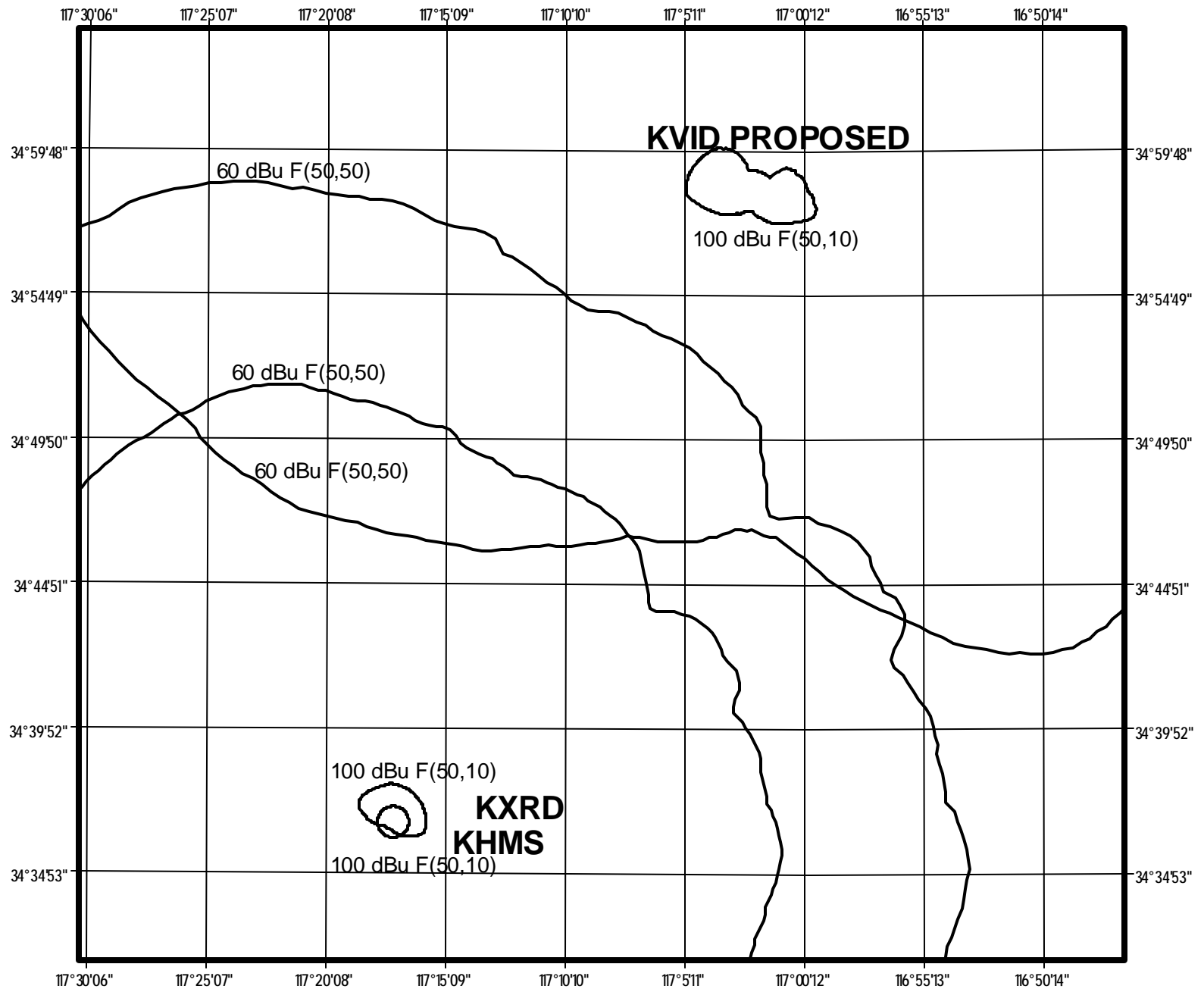
**KVID MINOR CHANGE
TO LICENSED FACILITY
Co-Channel Channel Study**





**KVID MINOR CHANGE
TO LICENSED FACILITY
1st Adjacent Channel Study**





**KVID MINOR CHANGE
TO LICENSED FACILITY
2nd 3rd Adjacent Channel Study**

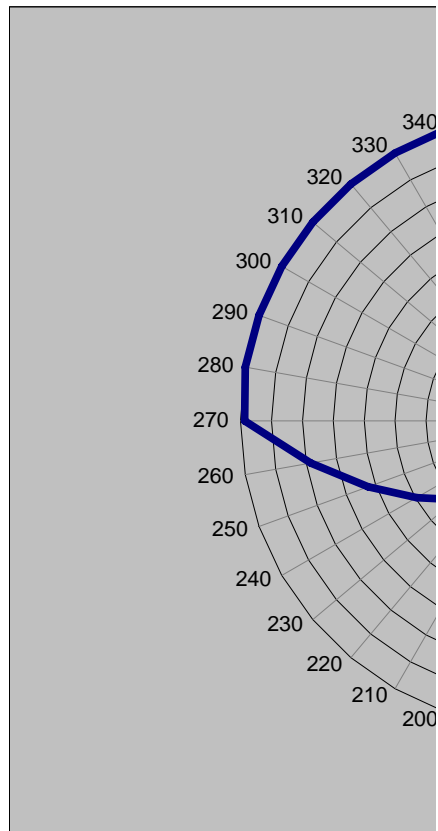
KVID Minor Modification
Channel Study (domestic)

Chan	Class	Call Letters	Service	Status	City	State	Country	Owner	Distance (km)	Bearing TO (deg)	Req. Dist. (km)	Clearance (km)
203	A	KHMS	FM	LIC	VICTORVILLE	CA	US	FAITH COMMUNICATIONS C	46.0	209.7	26.6	19.4
203	B1	KZLU	FM	APP	INYOKERN	CA	US	EDUCATIONAL MEDIA FOU	82.2	313.4	43.4	38.9
204	A	KZLU	FM	CP	INYOKERN	CA	US	EDUCATIONAL MEDIA FOU	82.2	313.4	43.9	38.3
205	A	KTLW	FM	LIC	LANCASTER	CA	US	LIFE ON THE WAY COMMUI	102.9	262.8	96.7	6.2
205	C	KNPR	FM	LIC	LAS VEGAS	NV	US	NEVADA PUBLIC RADIO	178.0	51.1	163.2	14.9
205	C	KNPR	FM	APP	LAS VEGAS	NV	US	NEVADA PUBLIC RADIO	178.0	51.2	164.8	13.2
205	C	KNPR	FM	APP	LAS VEGAS	NV	US	NEVADA PUBLIC RADIO	178.0	51.2	163.0	15.0
205	C	KNPR	FS	CP	LAS VEGAS	NV	US	NEVADA PUBLIC RADIO	178.0	51.2	127.3	50.7
206	A	KVID	FM	LIC	BARSTOW	CA	US	ONDAS DE VIDA NETWORK	0.0	0.0	89.5	-89.5
206	A	KUOR-FM	FM	LIC	REDLANDS	CA	US	UNIVERSITY OF REDLANDE	86.0	180.6	82.3	3.7
206	A	KUOR-FM	FS	LIC	REDLANDS	CA	US	UNIVERSITY OF REDLANDE	101.8	186.4	73.3	28.5
206	B1	KPRX	FM	LIC	BAKERSFIELD	CA	US	WHITE ASH BROADCASTIN	177.8	289.3	136.1	41.7
207	B	KPCC	FM	LIC	PASADENA	CA	US	PASADENA AREA COMMUN	125.3	228.9	77.0	48.3
208	B1	KXRD	FM	LIC	VICTORVILLE	CA	US	EDUCATIONAL MEDIA FOU	46.0	210.0	36.9	9.2
209	B	KGBM	FM	LIC	RANDBURG	CA	US	EDUCATIONAL MEDIA FOU	82.2	313.4	45.6	36.6

Channel Study (to Mexico facilities) **47 CFR Section 73.507**

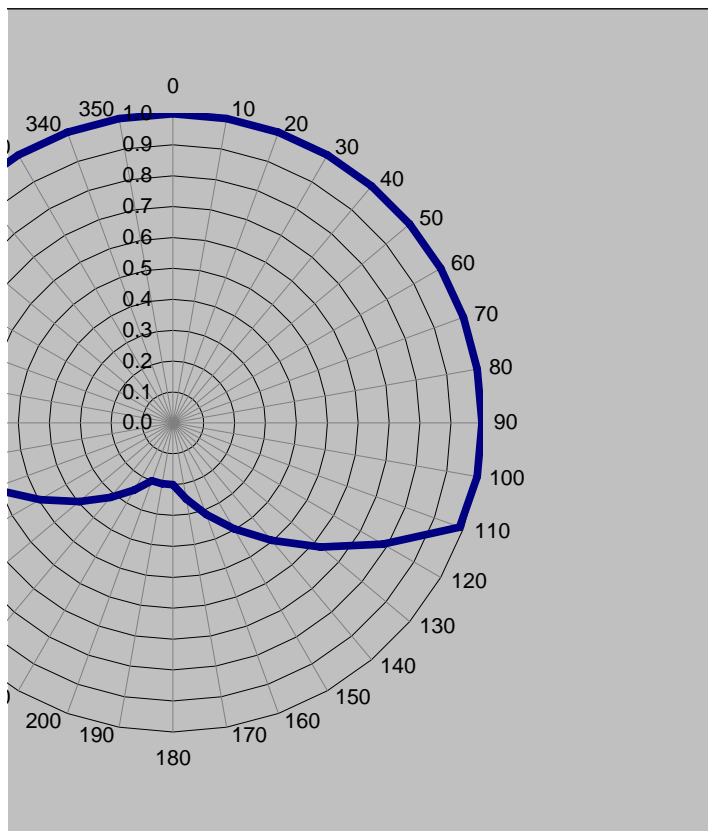
Chan	Class	Call Letters	Service	Status	City	State	Country	Owner	Distance (km)	Bearing TO (deg)	Req. Dist. (km)	Clearance (km)
203	A		FA		AGUA HECHICEI	BN	MX		287.0	165.4	65	222.0
203	A	XHCRSFM	FM		SAN LUIS RIO C	SO	MX		345.9	142.2	65	308.1
203	A		FA		SAN LUIS RIO C	SO	MX		345.9	142.2	65	308.1
203	A	XHCRSFM	FM		SAN LUIS RIO C	SO	MX		345.9	142.2	65	308.1
203	A		FA		SAN LUIS RIO C	SO	MX		345.9	142.2	65	308.1
203	A	XHCRSFM	FM		SAN LUIS RIO C	SO	MX		345.9	142.2	65	308.1
203	A		FA		SAN LUIS RIO C	SO	MX		345.9	142.2	65	308.1
204	A	XHITTFM	FA		TIJUANA	BN	MX		273.1	179.8	65	248.0
204	A	XHITTFM	FM		TIJUANA	BN	MX		273.8	179.8	65	248.7
204	A		FA		TECATE	BN	MX		274.4	172.3	65	248.7
206	A		FA		ESPERANZA	BN	MX		296.9	152.7	163	183.4
206	A		FA		ENSENADA	BN	MX		347.9	173.7	163	248.9
208	A	XHRCLFM	FM		SAN LUIS RIO C	SO	MX		345.7	142.2	65	307.9
259	C1	XHBCNFM	FM		TIJUANA	BN	MX		277.3	177.2	27	250.3
259	C1		FA	USE	TIJUANA	BN	MX		277.3	177.2	27	250.3

ERP	DEG	rel. value	ERP	dBk	delta dBk	per 10 deg
5.8	0	1.000	5.800	7.63	0.00	0.00
	10	1.000	5.800	7.63	0.00	0.00
	20	1.000	5.800	7.63	0.00	0.00
	30	1.000	5.800	7.63	0.00	0.00
	40	1.000	5.800	7.63	0.00	0.00
	50	1.000	5.800	7.63	0.00	0.00
	60	1.000	5.800	7.63	0.00	0.00
	70	1.000	5.800	7.63	0.00	0.00
	80	1.000	5.800	7.63	0.00	0.00
	90	1.000	5.800	7.63	0.00	0.00
	100	1.000	5.800	7.63	0.00	0.00
	110	0.987	5.650	7.52	-0.11	-0.11
	120	0.785	3.574	5.53	-1.99	-1.99
	130	0.624	2.258	3.54	-1.99	-1.99
	140	0.496	1.427	1.54	-1.99	-1.99
	150	0.395	0.905	-0.43	-1.98	-1.98
	160	0.315	0.576	-2.40	-1.97	-1.97
	170	0.251	0.365	-4.37	-1.97	-1.97
	180	0.200	0.232	-6.35	-1.97	-1.97
	190	0.200	0.232	-6.35	0.00	0.00
	200	0.200	0.232	-6.35	0.00	0.00
	210	0.251	0.365	-4.37	1.97	1.97
	220	0.315	0.576	-2.40	1.97	1.97
	230	0.395	0.905	-0.43	1.97	1.97
	240	0.496	1.427	1.54	1.98	1.98
	250	0.624	2.258	3.54	1.99	1.99
	260	0.785	3.574	5.53	1.99	1.99
	270	0.987	5.650	7.52	1.99	1.99
	280	1.000	5.800	7.63	0.11	0.11
	290	1.000	5.800	7.63	0.00	0.00
	300	1.000	5.800	7.63	0.00	0.00
	310	1.000	5.800	7.63	0.00	0.00
	320	1.000	5.800	7.63	0.00	0.00
	330	1.000	5.800	7.63	0.00	0.00
	340	1.000	5.800	7.63	0.00	0.00
	350	1.000	5.800	7.63	0.00	0.00



7.63 1.99
-6.35 -1.99
13.98

1309



KVID Minor Change to Licensed Facility Application

Tech Box Answers:

1. Channel 206
2. Class A
3. Antenna Location Coordinates : (NAD 27)
- | | | | |
|-----|----|------|-----------|
| 34 | 58 | 17 N | Latitude |
| 117 | 2 | 22 W | Longitude |
4. Antenna Structure Registration Number: Not applicable
5. Antenna Location Site Elevation Above Mean Sea Level: 1013 meters
6. Overall Tower Height Above Ground Level: 15 meters
7. Height of Radiation Center Above Ground Level: 13 meters
8. Height of Radiation Center Above Average Terrain: 219 meters
9. Effective Radiated Power: 5.8 kW (H) 5.8 kW (V)
10. Maximum Effective Radiated Power (Beam Tilt Only): Not Applicable
11. Directional Antenna Relative Field Values: No Rotation

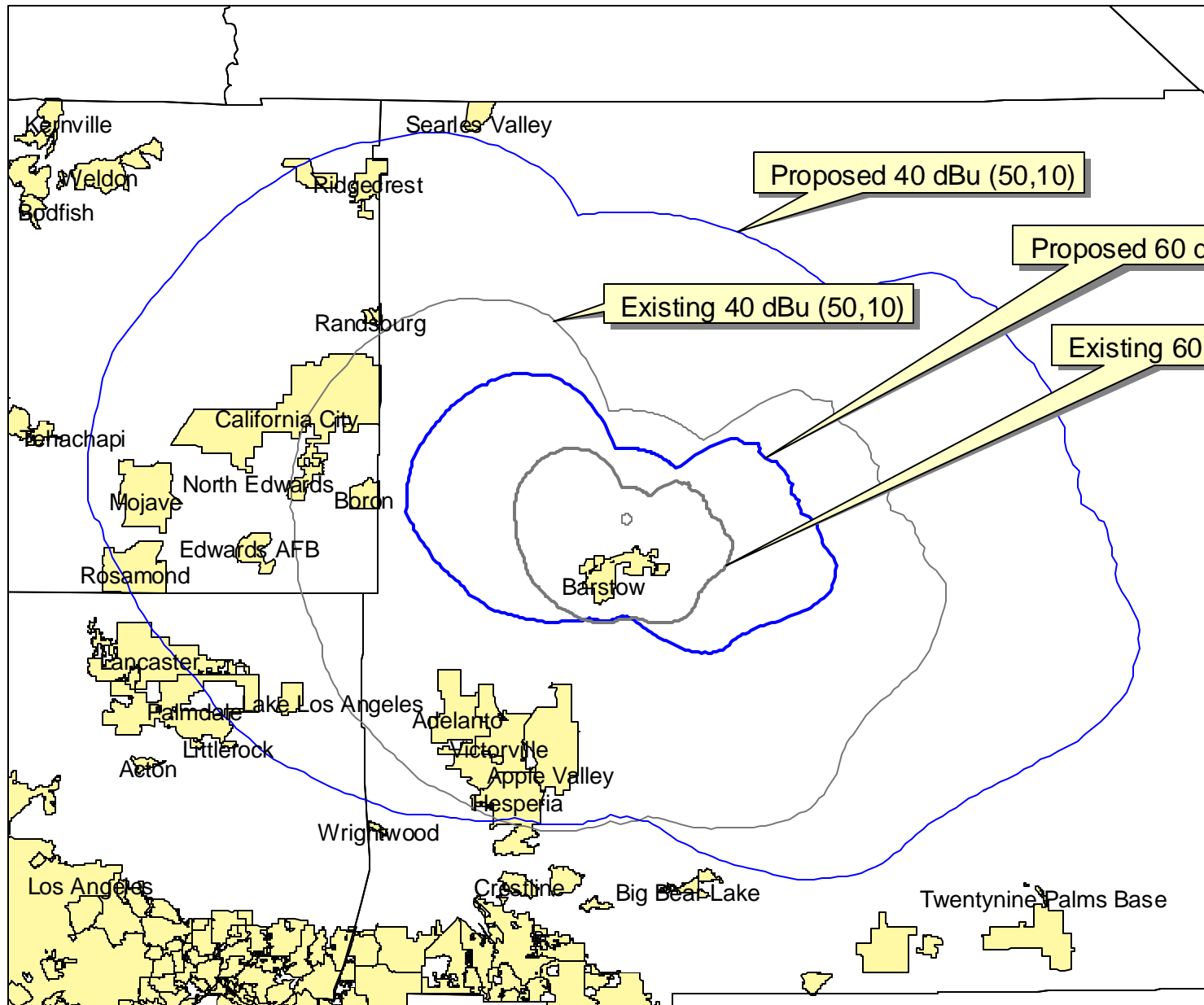
Degree	Value	Degree	Value	Degree	Value	Degree
0	1.000	60	1.000	120	0.785	180
10	1.000	70	1.000	130	0.624	190
20	1.000	80	1.000	140	0.496	200
30	1.000	90	1.000	150	0.395	210
40	1.000	100	1.000	160	0.315	220
50	1.000	110	0.987	170	0.251	230

Additional Azimuths

12. Main Studio Location Yes
13. Interference Yes
- | | |
|------------------------------------|-------------------------|
| a. Contour Overlap Requirements | (See Technical Exhibit) |
| b. Spacing Requirement | Not Applicable |
| c. Grandfathered Short-Spaced | Not Applicable |
| d. Contour Protection | Not Applicable |
| e. Television Channel 6 Protection | (See Technical Exhibit) |
14. Reserved Channels Above 220
- | | |
|-----------------------|----------------|
| a. Allotment | Not Applicable |
| b. Community Coverage | Not Applicable |

15. International Borders	No Mexico (See Technical Exhibit, Table 2)
16. Environmental Protection Act	Yes (See Technical Exhibit)

Value	Degree	Value	Degree	Value
0.200	240	0.496	300	1.000
0.200	250	0.624	310	1.000
0.200	260	0.785	320	1.000
0.251	270	0.987	330	1.000
0.315	280	1.000	340	1.000
0.395	290	1.000	350	1.000



Proposed 40 dBu (50,10)

Proposed 60 dBu (50,50)

Existing 40 dBu (50,10)

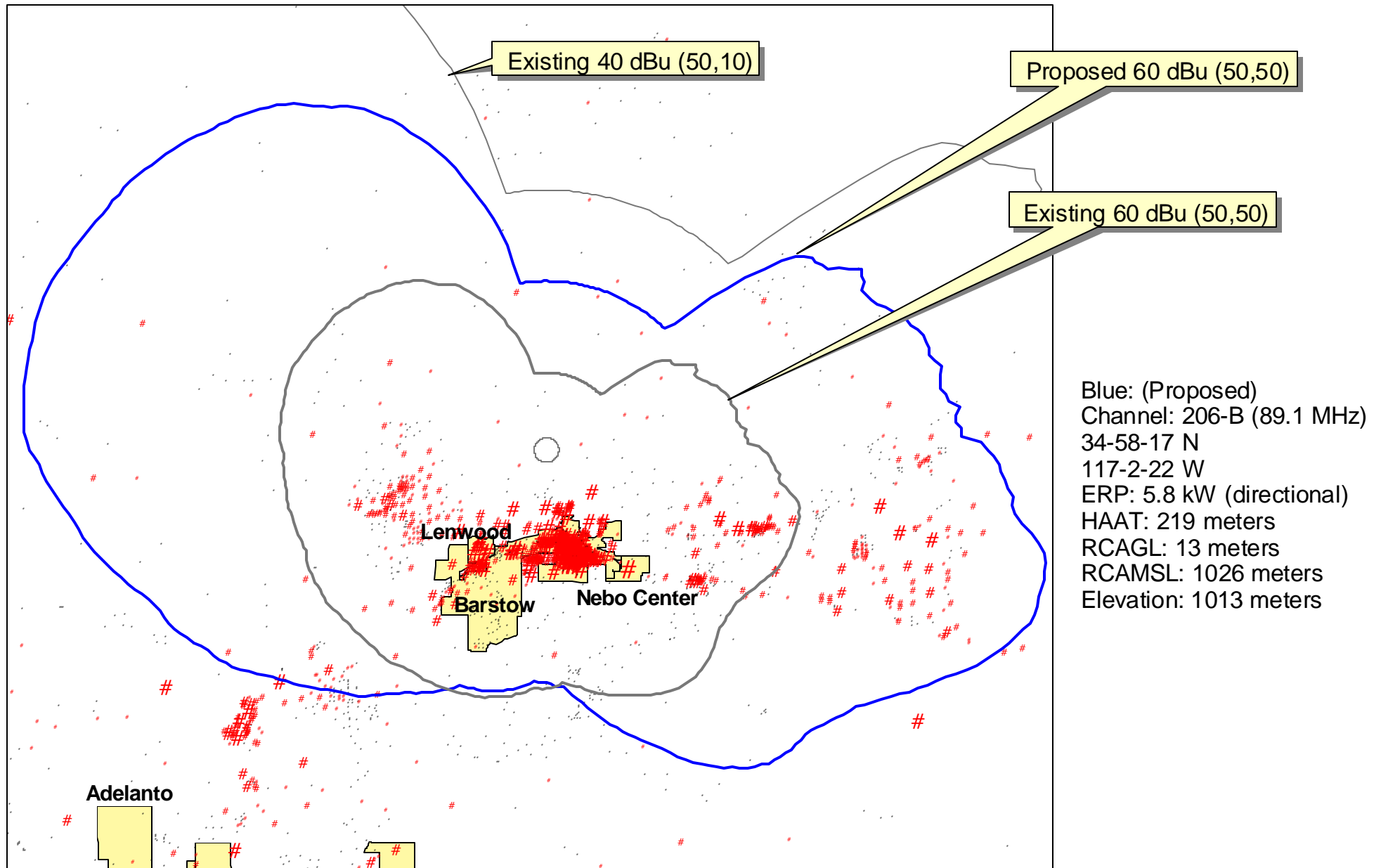
Existing 60 dBu (50,50)

Blue: (Proposed)
 Channel: 206-B (89.1 MHz)
 34-58-17 N
 117-2-22 W
 ERP: 5.8 kW (directional)
 HAAT: 219 meters
 RCAGL: 13 meters
 RCAMSL: 1026 meters
 Elevation: 1013 meters

0

100 Kilometers





0

40 Kilometers

(2000 US Census population centroids shown in red)

