

Technical Exhibit

ONDAS DE VIDA, INC.

Technical Exhibits in Support of Minor Change to Licensed Facility for K205DK

CHANNEL 205D

0.25 kW (vertical polarization only)

112 meters HAAT

34 9 11 N x 116 23 20 W (NAD 27)

Yucca Valley, California

February 19, 2007

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ONDAS DE VIDA, INC.
Technical Exhibits in Support of Minor Change to Licensed Facility for K205DK

K205DK Channel 205D – 88.9 MHz – 0.25 kW (V) - 19 M HAAT – Yucca Valley, California

This Exhibit is in support of the Minor Change to Licensed Facility application by ONDAS DE VIDA, INC. (herein “Applicant”) for changes to K205DK in Yucca Valley, California that will replace the existing antenna with a directional antenna (Shively 6510-1) and increase ERP. Station K205DK is currently licensed on channel 205D to Yucca Valley, California.

The Applicant proposes use of a directional antenna, with a pattern that is fully compliant with the maximum ERP (MERP) values allowed according to 47 C.F.R. Section 74.1235(b)1, based on calculations of all 12, 30-degree radials (Table 4).

Interference Compliance

Contour protection, as required by 47 C.F.R. Section 73.1204 to co-channel, first, second and third adjacent channels is shown herein and is 100% (Figures 1 - 3). Required spacing with respect to facilities operating on I.F. frequencies is fully compliant with 47 C.F.R. Section 73.207 of the Commission’s Rules (Table 1).

Environmental Protection Act / RF Radiation Compliance (Table 2)

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 FM, this limit is 1,000 microwatts for the controlled, or worker environment, or 200 microwatts for the uncontrolled, or public, environment per square centimeter at 2 meters above ground level.

The attached Radiofrequency Electromagnetic Exposure Analysis Table 2 specifically lists all potential sources of radiation and estimates the power density expected to occur at a distance of 10 meters from the base of the tower, the maximum power density expected from each source, the maximum distance from the base of the tower to the point of maximum power density for each source, and the total worst case (sum of all maximum power densities from all sources, at most distant maximum occurring power density). The power density values are in units of microwatts per square meter at a height of 2 meters above ground level. These levels are also expressed relative to the maximum allowable limit of each of the two environments.

K205DK-FM proposes to operate at 0.25 kW with its antenna located at 19 meters above ground level. A 1-bay Shively 6810 Series antenna is proposed. At 10 meters from the base of the tower, K205DK would contribute 9.0 microwatts per square centimeter at 2 meters above ground level. K205DK would contribute a maximum of

13.0 microwatts per square centimeter at 2 meters above ground level at a point that is 17 meters from the base of the tower.

Considering all current and proposed facilities operating from the proposed site, the total contribution of all potential sources of radiation at 10 meters from the base of the tower (controlled environment) is 9.0 microwatts per square centimeter at 2 meters above ground level which is only 0.9% of the ANSI limit for the controlled environment.

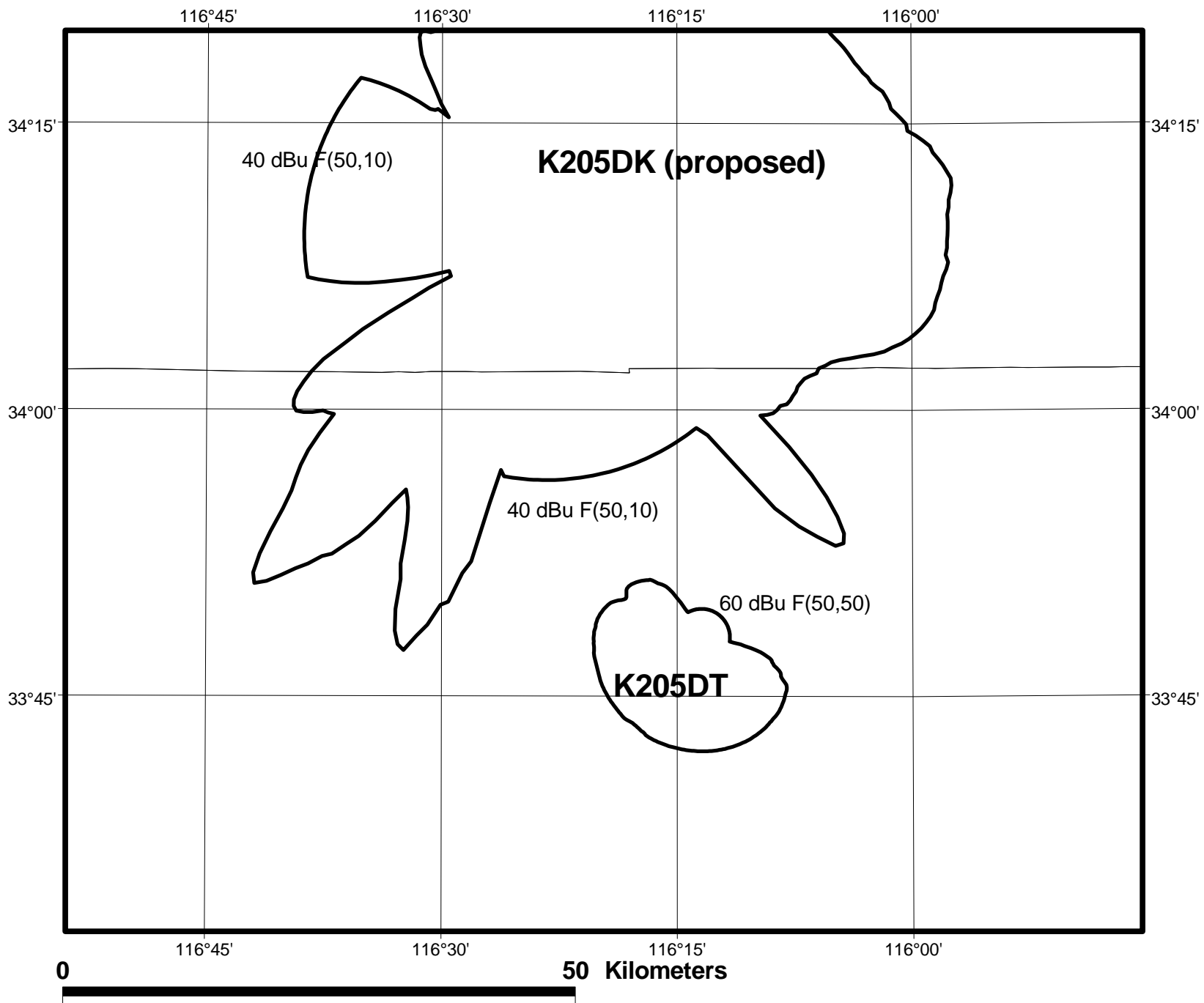
For the uncontrolled environment, the sum of all individual source maximum power densities is 13.0 microwatts per square centimeter at 2 meters above ground level, this represents a worst case power density level which is only 6.5% of the ANSI limit for the uncontrolled environment.

Given that access within 10 meters to the site is restricted by a locked fence, and given that no more than 13.0 microwatts per square centimeter at 2 meters above ground level is predicted to occur at any point beyond 17 meters from the base of the tower, the total radiation contributed by K205DK would be less than the ANSI limit for all points in both the controlled and the uncontrolled environments. Therefore, this proposal is fully compliant with the provisions of OST Bulletin #65 as recently amended.

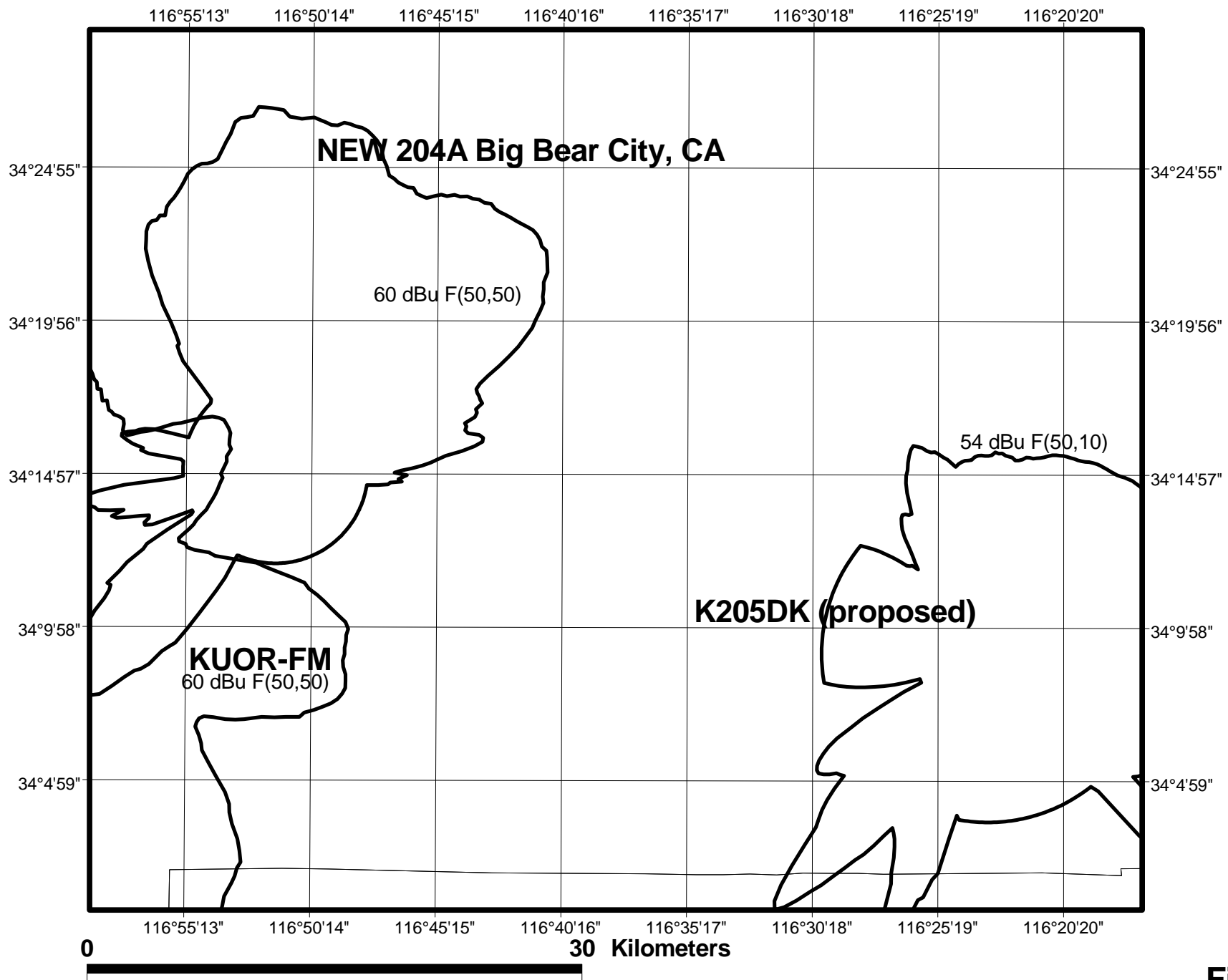
The contributions of these facilities were calculated using FM-Model from OET. The EPA Dipole antenna (worst case) was used in cases where specific information was unavailable.

Further to the requirements and intentions of the FCC, K205DK has already posted appropriate signs at entrances to the property, on the walls and doors of buildings containing transmitters, and on fences warning the public and workers of the potential hazard.

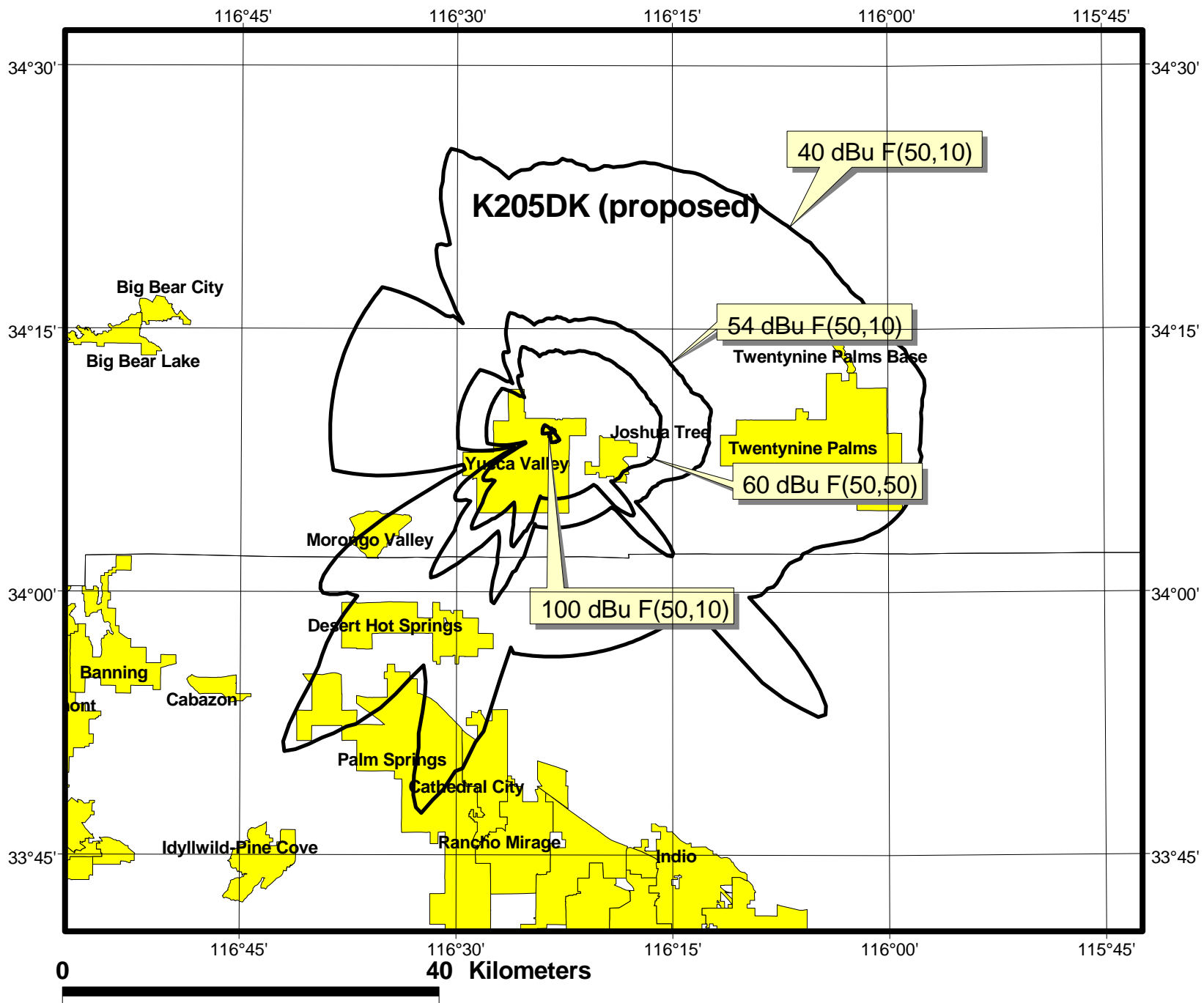
K205DK will require that the power to the antenna be reduced as necessary to accommodate workers or will discontinue operation, if necessary, for this purpose.



K205DK Yucca Valley, CA: MINOR CHANGE TO A LICENSED FACILITY
Co-Channel Study

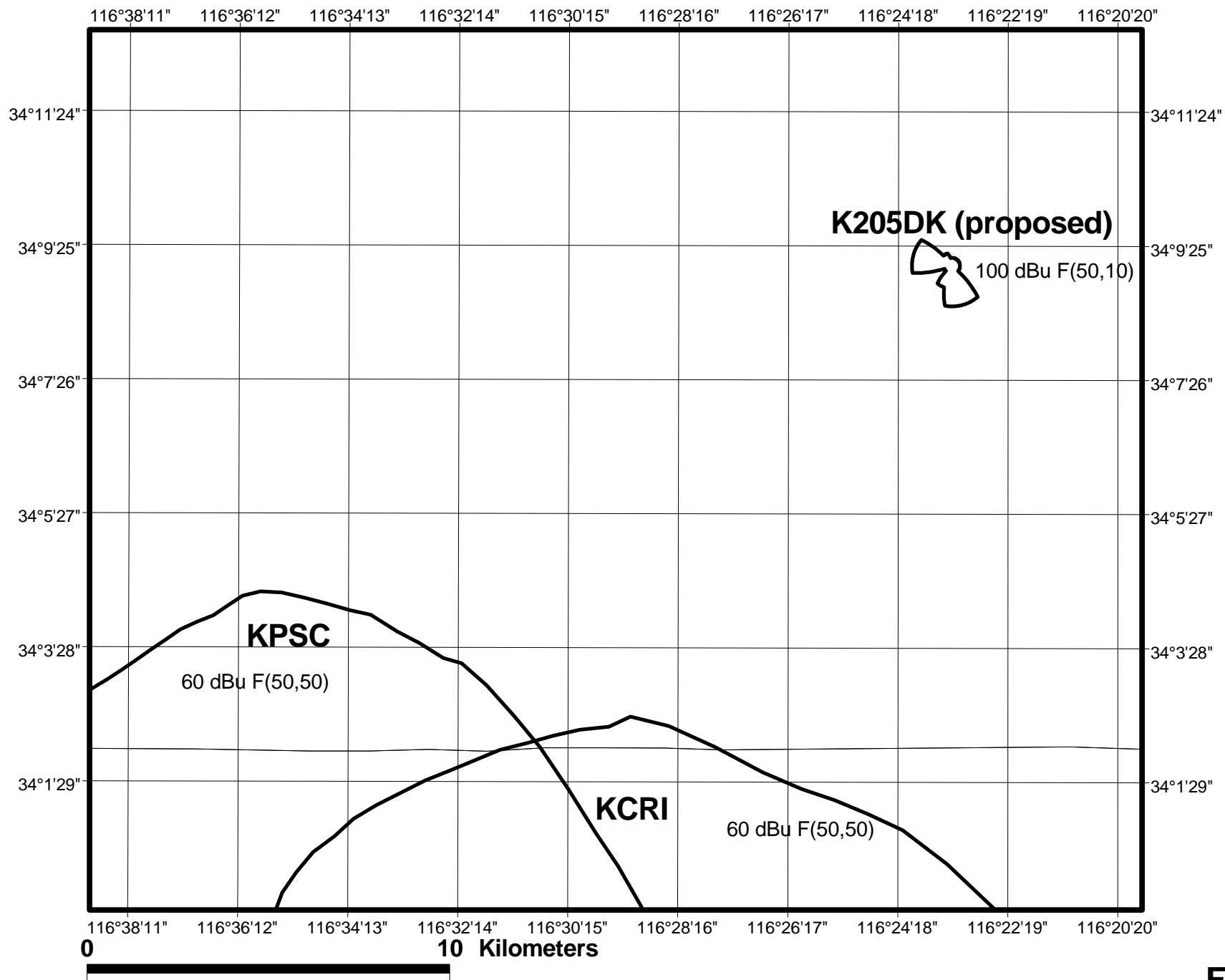


K205DK Yucca Valley, CA: MINOR CHANGE TO A LICENSED FACILITY
1st Adjacent Channel Study



K205DK Yucca Valley, CA: MINOR CHANGE TO A LICENSED FACILITY
 All contours





K205DK Yucca Valley, CA: MINOR CHANGE TO A LICENSED FACILITY
2nd and 3rd Adjacent Channel Study

Table 1.

K205DK Minor Modification
Channel Study

Chan	Class	Call Letters	Type	Status	City	State	Country	Owner	Distance (km)	Bearing TO (deg)	Req. Dist. (km)	Clearance (km)
203	A	KPSC	FM	LIC	PALM SPRINGS	CA	US	UNIVERSITY OF SOUTHERN CALIFORNIA	32.2	187.5	11.8	20.3
204	A	NEW	FM	APP	BIG BEAR CITY	CA	US	COMMUNITY PUBLIC RADIO, INC.	44.9	284.3	15.8	29.1
205	D	K205DK	FX	APP	YUCCA VALLEY	CA	US	ONDAS DE VIDA, INC.	0.0	0.0	32.0	-32.0
205	D	K205DK	FX	LIC	YUCCA VALLEY	CA	US	ONDAS DE VIDA, INC.	0.0	0.0	31.4	-31.4
205	D	K205DT	FX	LIC	INDIO	CA	US	CALVARY CHAPEL OF TWIN FALLS, INC.	41.8	158.7	26.5	15.3
205	B	KRTM	FM	APP	TEMECULA	CA	US	PENFOLD COMMUNICATIONS, INC.	100.6	210.2	72.8	27.8
206	A	KUOR-FM	FM	LIC	REDLANDS	CA	US	UNIVERSITY OF REDLANDS	61.0	274.7	30.5	30.6
207	B1	KCRI	FM	LIC	INDIO	CA	US	SANTA MONICA COMMUNITY COLLEGE	41.8	158.7	14.6	27.2
258	A	KMRJ	FM	LIC	RANCHO MIRAGE	CA	US	MITCHELL MEDIA, INC.	34.7	154.5	10.0	24.7
258	A	KMRJ	FM	APP	RANCHO MIRAGE	CA	US	MITCHELL MEDIA, INC.	34.7	154.5	10.0	24.7

Table 2.

Radiofrequency Electromagnetic Exposure Analysis for K205DK

Source	Height AGL(m)	Antenna type	Bays	Horizontal ERP (kw)	Vertical ERP (kw)	Power Density $\mu\text{W}/\text{cm}^2$ at 2 meters AGL				
						at 10 meters distance	% controlled environment limit (1000 $\mu\text{W}/\text{cm}^2$)	Max. PD	% uncontrolled environment limit (200 $\mu\text{W}/\text{cm}^2$)	Distance to maximum PD (m)
K205DK	19	Shiv 6810	1	0.25	0.25	9.00	0.9%	13.00	6.5%	17
						9.00	0.9%	13.00	6.5%	17

(proposed)

The proposed facility is excluded from environmental processing under 47. C.F.R. Section 1.1306 (i.e., The facility will not have a significant environmental impact and complies with the maximum permissible radiofrequency electromagnetic exposure limits for controlled and uncontrolled environments).

Calculations made using FCC FM Model v2.10 Beta

In the absence of specific antenna information, the EPA dipole, single element model is assumed (worst case)

Table 3.

**K205DK Minor Modification
Channel Study**

Radial (deg.)	FCC Terrain (30 sec) radial HAAT (m)	MERP per FCC 73.1235(b)1 (watts)
0	206	10
30	266	10
60	308	10
90	377	10
120	188	10
150	-125	250
180	-34	250
210	54	80
240	198	10
270	-106	250
300	-72	250
330	88	27