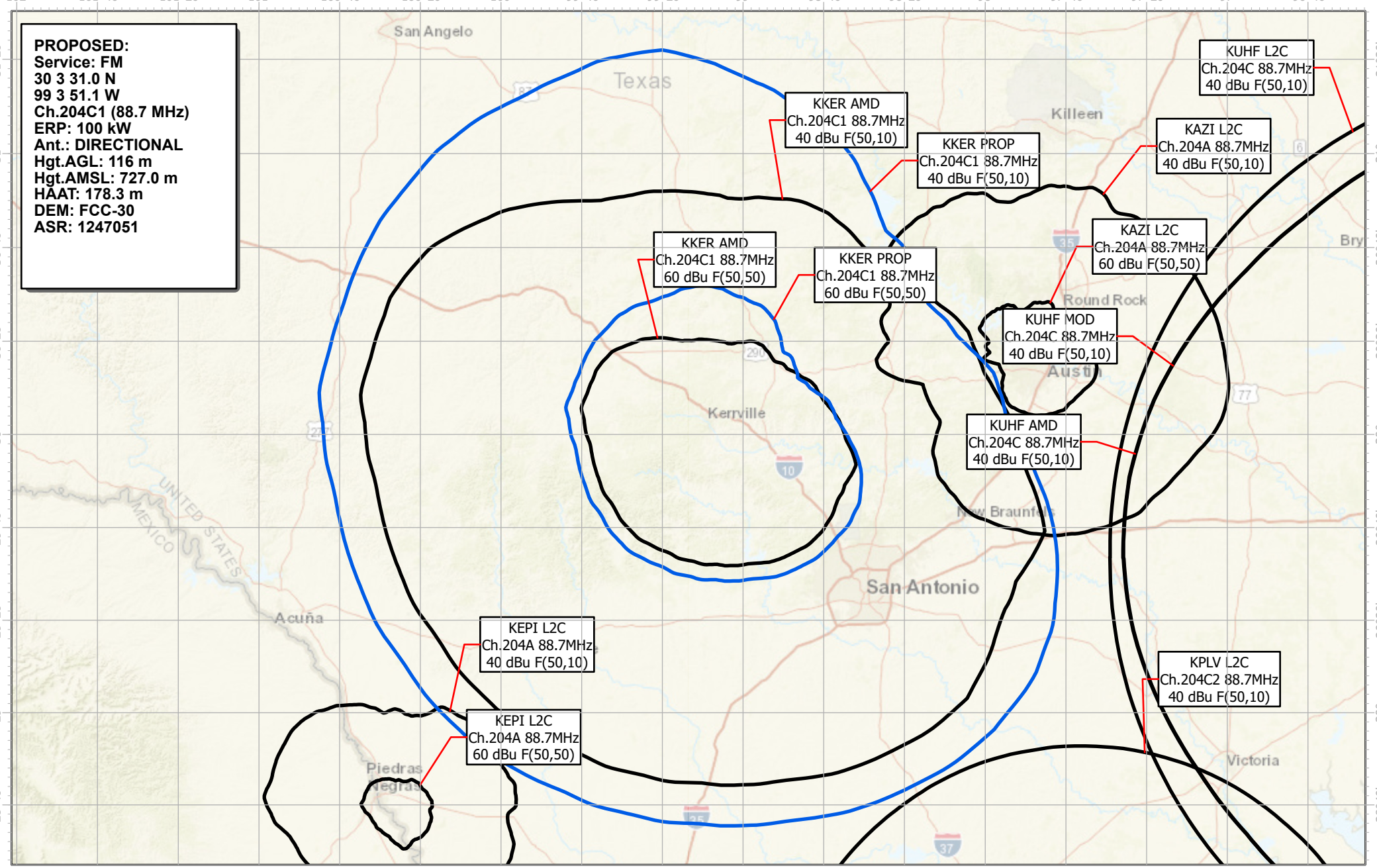

KKER KERRVILLE, TX Proposed Channel 204C1 (88.7 MHz)
HOUSTON CHRISTIAN BROADCASTERS, INC. - MINOR MODIFICATION

Figure 1

Co-channel and minor change showing.

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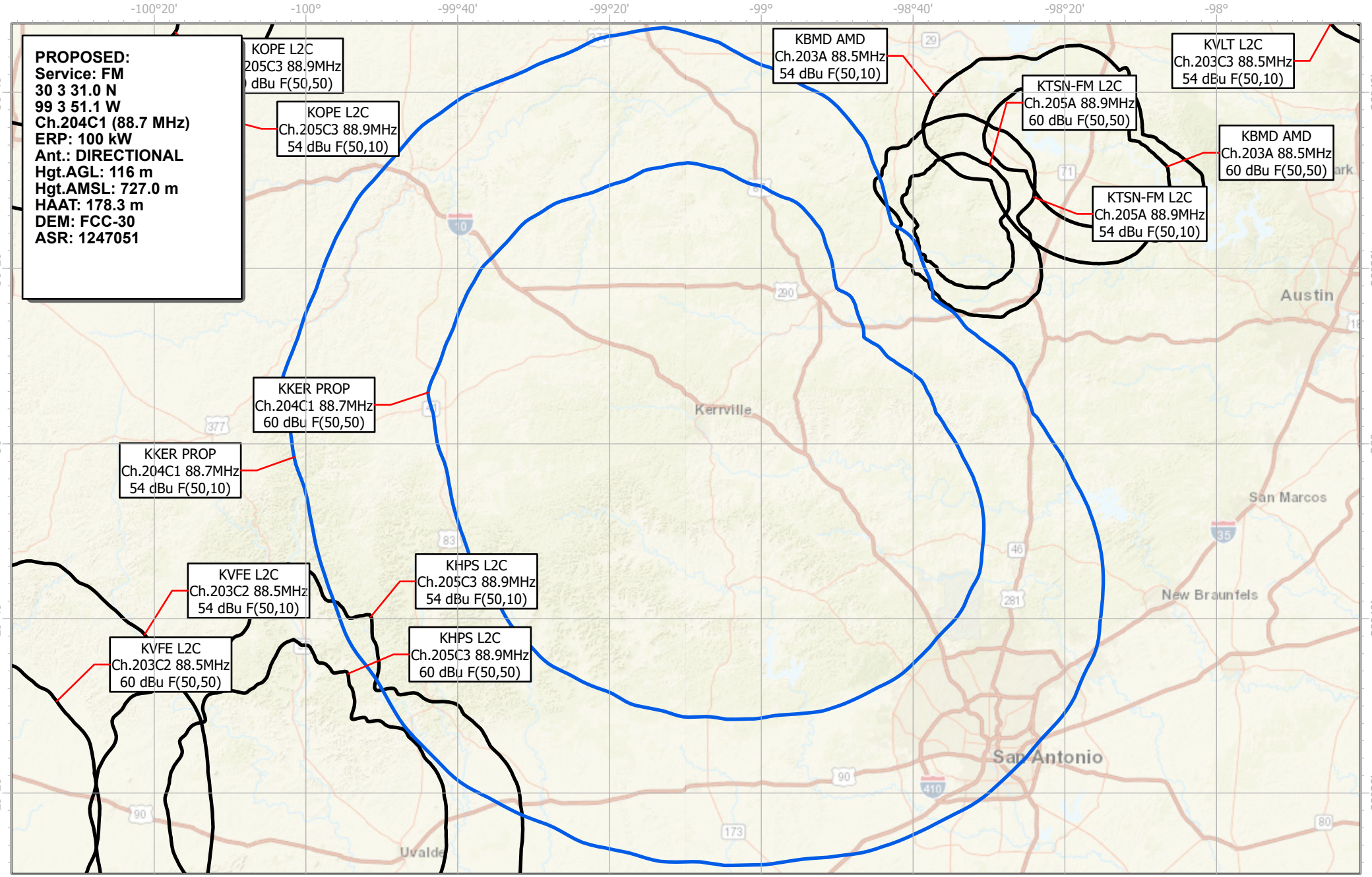

KKER KERRVILLE, TX Proposed Channel 204C1 (88.7 MHz)
HOUSTON CHRISTIAN BROADCASTERS, INC. - MINOR MODIFICATION

Figure 2

1st adjacent-channel showing.

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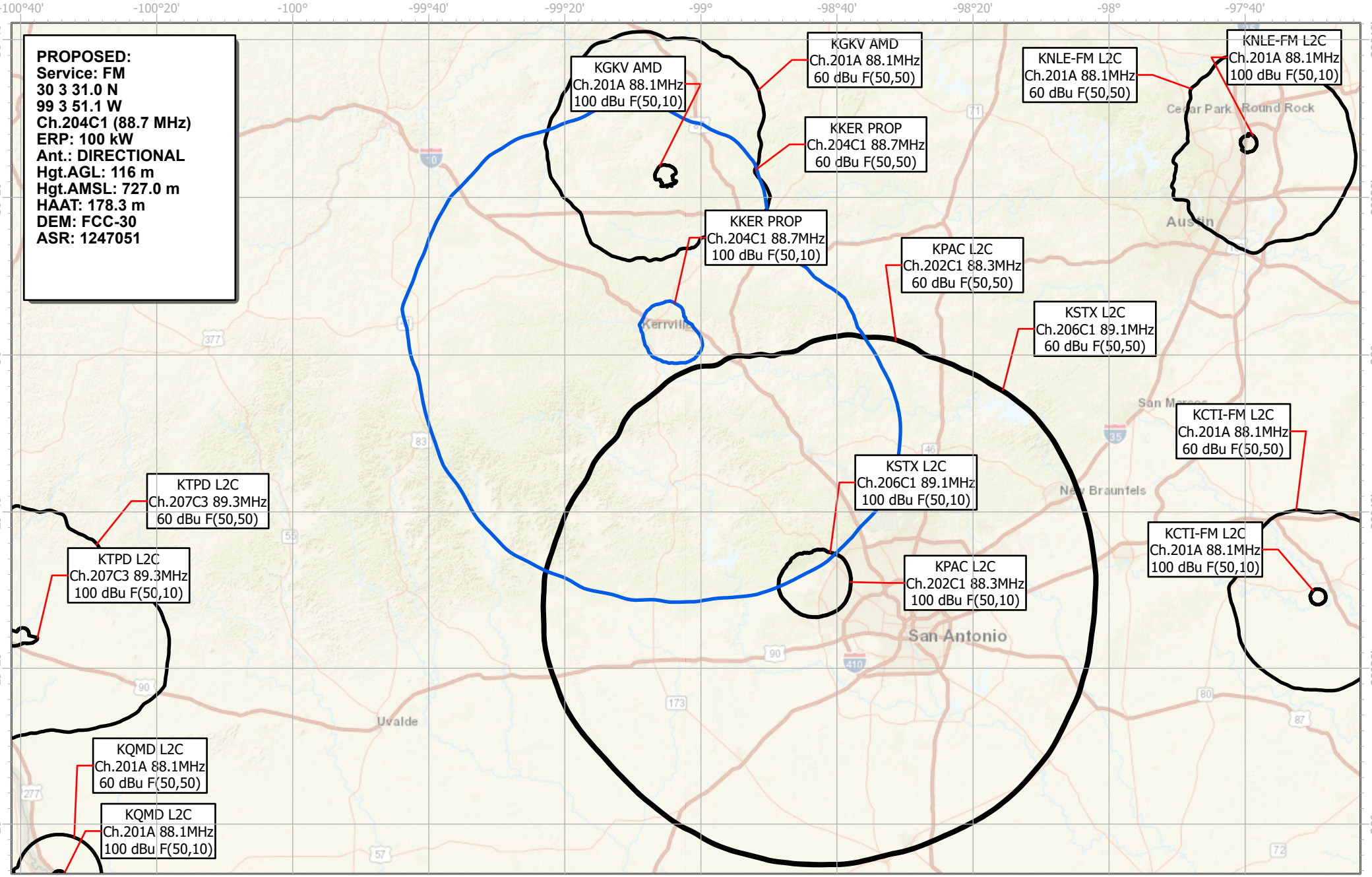

KKER KERRVILLE, TX Proposed Channel 204C1 (88.7 MHz)
HOUSTON CHRISTIAN BROADCASTERS, INC. - MINOR MODIFICATION

Figure 3

2nd and 3rd adjacent-channel showing.
* See 73.509 waiver requests with respect to KGKV, KPAC, and KSTX

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Table 1 - 73.509 Channel Study

KKER KERRVILLE, TX - HOUSTON CHRISTIAN BROADCASTERS, INC.

MINOR MODIFICATION October 2021 (Ch.204C1 proposed)

Chan	Class	Call Letters	Type	Status	City	State	Country	Owner	Bearing TO (deg)	Distance (km)	Req. Dist. (km)	Clearance (km)	
201	A	KGKV	FM	L-AMD	DOSS	TX	US	EDUCATIONAL MEDIA	356.9	35.0	53.5	-18.4	**(see waiver req.)**
202	C1	KPAC	FM	L-L2C	SAN ANTONIO	TX	US	TEXAS PUBLIC RADIO	151.0	67.9	72.7	-4.8	**(see waiver req.)**
203	A	KBMD	FM	L-AMD	MARBLE FALLS	TX	US	LA PROMESA FOUNDA	54.4	94.9	66.4	28.5	
204	C1	KKER	FM	L-AMD	KERRVILLE	TX	US	HOUSTON CHRISTIAN	180.0	0.0	192.9	-192.9	**(applicant)**
204	A	KAZI	FM	L-L2C	AUSTIN	TX	US	AUSTIN COMMUNITY	78.1	121.4	117.6	3.8	
204	A	KEPI	FM	L-L2C	EAGLE PASS	TX	US	WORLD RADIO NETWO	220.4	203.6	175.8	27.8	
205	A	KTSN-FM	FM	L-L2C	BLOWOUT	TX	US	SUN RADIO FOUNDATI	50.7	61.2	60.1	1.1	
205	C3	KHPS	FM	L-L2C	UVALDE	TX	US	HOUSTON CHRISTIAN	229.7	119.5	113.6	5.9	
206	C1	KSTX	FM	L-L2C	SAN ANTONIO	TX	US	TEXAS PUBLIC RADIO	151.0	67.9	72.7	-4.8	**(see waiver req.)**

Terrain data DEM: FCC-30

Request for 73.509 Waiver (for received interference) Regarding KGKV

Applicant respectfully requests a waiver of 73.509 of the Commission's rules to allow KKER to **receive interference to approximately 0.02% of the population** within the KGKV predicted interfering contour (100 dBu F(50,10)) which would occur within the predicted protected (60 dBu F(50,50)) contour of KKER's proposed facility.

KKER's existing 60 dBu service area contains 128,569 persons (2010 Census) and covers 7,574.9 km^2.

KKER's proposed 60 dBu service area would contain 166,354 persons (2010 Census) and cover 10,057.5 km^2. The population served by KKER's 60 dBu service contour would increase by 37,785 persons (29.4% more than the current population served).

KKER would receive interference from KGKV's 100 dBu interfering contour over 17.9 km^2 and containing only 32 persons currently outside of the existing KKER service contour (SEE FIGURE 3). This would be 0.02% of the total KKER population served.

Therefore, a waiver of section 73.509 overlap requirements with respect to third adjacent station KGKV regarding proposed overlap is requested in conjunction with this application.

[See 'Educational Information Corporation (WCPE)', 6 FCC Rcd 2207 (1991)]

Request for 73.509 Waiver (for received interference) Regarding KPAC

Applicant respectfully requests a waiver of 73.509 of the Commission's rules to allow KKER to **receive interference to approximately 3.6% of the population** within the KPAC predicted interfering contour (100 dBu F(50,10)) which would occur within the predicted protected (60 dBu F(50,50)) contour of KKER's proposed facility.

KKER's existing 60 dBu service area contains 128,569 persons (2010 Census) and covers 7,574.9 km^2.

KKER's proposed 60 dBu service area would contain 166,354 persons (2010 Census) and cover 10,057.5 km^2. The population served by KKER's 60 dBu service contour would increase by 37,785 persons (29.4% more than the current population served).

KKER would receive interference from KPAC's 100 dBu interfering contour over 51.0 km^2 and containing only 5,964 persons currently outside of the existing KKER service contour (SEE FIGURE 3). This would be 3.6% of the total KKER population served.

Therefore, a waiver of section 73.509 overlap requirements with respect to second adjacent station KPAC regarding proposed overlap is requested in conjunction with this application.

[See 'Educational Information Corporation (WCPE)', 6 FCC Rcd 2207 (1991)]

Request for 73.509 Waiver (for received interference) Regarding KSTX

Applicant respectfully requests a waiver of 73.509 of the Commission's rules to allow KKER to **receive interference to approximately 3.7% of the population** within the KSTX predicted interfering contour (100 dBu F(50,10)) which would occur within the predicted protected (60 dBu F(50,50)) contour of KKER's proposed facility.

KKER's existing 60 dBu service area contains 128,569 persons (2010 Census) and covers 7,574.9 km^2.

KKER's proposed 60 dBu service area would contain 166,354 persons (2010 Census) and cover 10,057.5 km^2. The population served by KKER's 60 dBu service contour would increase by 37,785 persons (29.4% more than the current population served).

KKER would receive interference from KSTX's 100 dBu interfering contour over 52.4 km^2 and containing only 6,196 persons currently outside of the existing KKER service contour (SEE FIGURE 3). This would be 3.7% of the total KKER population served.

Therefore, a waiver of section 73.509 overlap requirements with respect to second adjacent station KSTX regarding proposed overlap is requested in conjunction with this application.

[See 'Educational Information Corporation (WCPE)', 6 FCC Rcd 2207 (1991)]

Table 2 - 73.207 Channel Study

KKER KERRVILLE, TX - HOUSTON CHRISTIAN BROADCASTERS, INC.

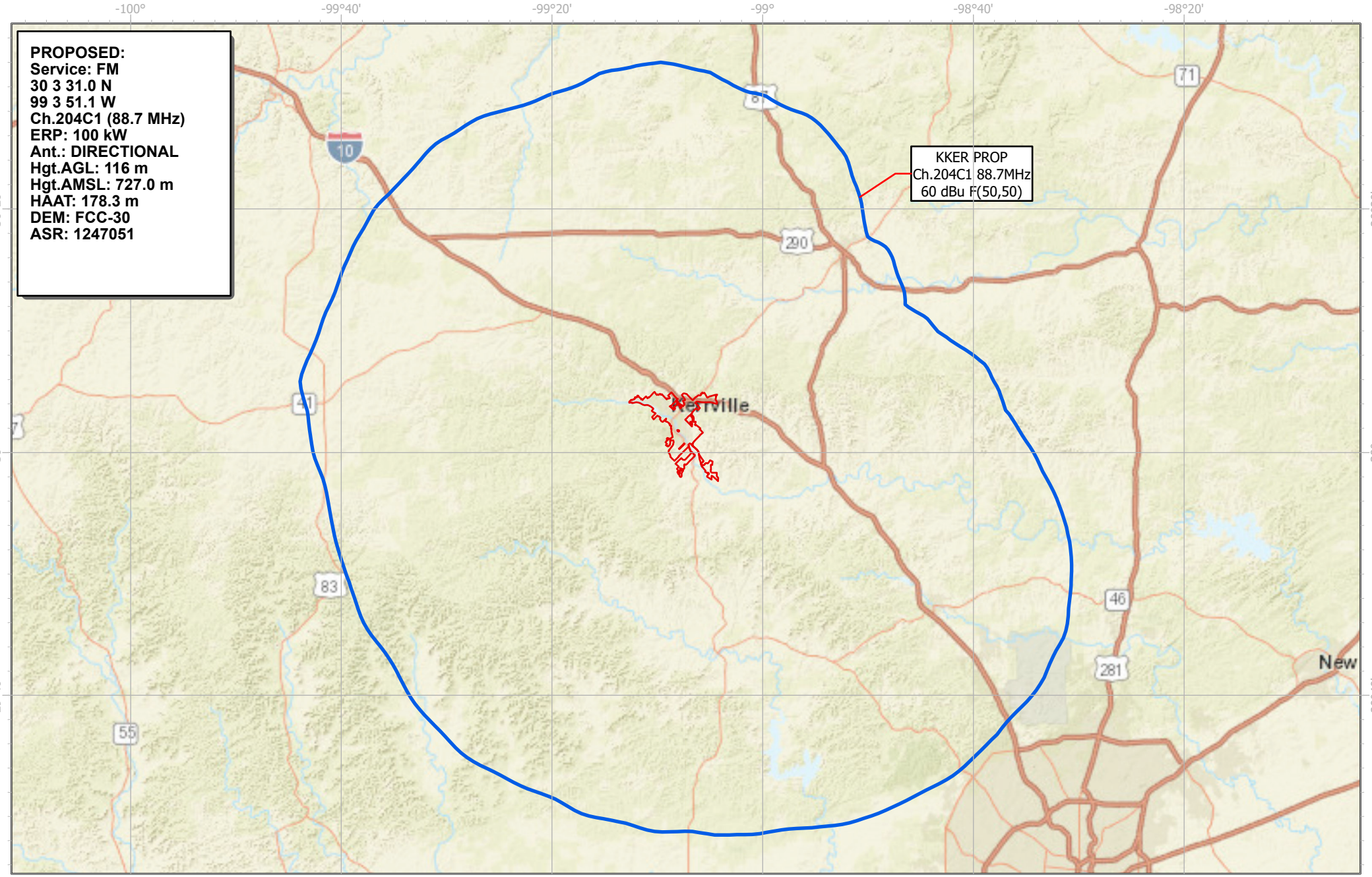
MINOR MODIFICATION October 2021 (Ch.204C1 proposed)

Chan	Class	Call Letters	Type	Status	City	State	Country	Owner	Bearing TO (deg)	FCC Dist.(km)	Req. Dist. (km)	Clearance (km)

**** No facilties or applications with less than 50 km clearance.**

Distance separations determined per §73.208(c)

Distance to Mexican border: 190 km.



KKER KERRVILLE, TX Proposed Channel 204C1 (88.7 MHz)
HOUSTON CHRISTIAN BROADCASTERS, INC. - MINOR MODIFICATION

Figure 4

Community of license showing.

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Distance separation requirements with respect to Mexican facilities

KKER KERRVILLE, TX - HOUSTON CHRISTIAN BROADCASTERS, INC.

MINOR MODIFICATION October 2021 (Ch.204C1 proposed)

Chan	Class	Call Letters	Type	Auth.	City	State	Cntry.	Bearing TO	FCC Dist.(km)	Intl. Ag. Req (km)	Clearance (km)
201	A	NEW	FA	C-ALLOT	MORELOS	CI	MX	224.4	254.5	74	180.5
202	A		FA	C-ALLOT	VILLA UNION	CI	MX	219.2	259.9	74	185.9
205	B		FA	C-ALLOT	NUEVO LAREDO	TA	MX	189.6	287.4	195	92.4
206	B1	NEW	FA	C-ALLOT	NUEVA ROSITA	CI	MX	222.5	315.6	77	238.6

Radiofrequency Electromagnetic Exposure Analysis

Source	Height AGL(m)	Antenna type	Bays	Horizontal ERP (kw)	Vertical ERP (kw)	Power Density μW/cm² at 2 meters AGL: within 10 meters distance	% controlled environment limit (1000 μW/cm²)	Max. PD	% uncontrolled environment limit (200 μW/cm²)	Distance to maximum PD (m)
KKER (proposed)	116	**(EPA Type3) ERI MP-8C-DA**	8	100.000	100.000	15.3	1.5	114.4	57.2	114
K228FG	38	**(EPA Type 1)**	1	0.092	0.092	2.9	0.3	2.9	1.4	10
K272FJ	38	**(EPA Type 1)**	1	0.092	0.092	2.9	0.3	2.9	1.4	10
						15.30	**2.1%**	114.40	**60.0%**	114.0

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 FMModel (Revised version)