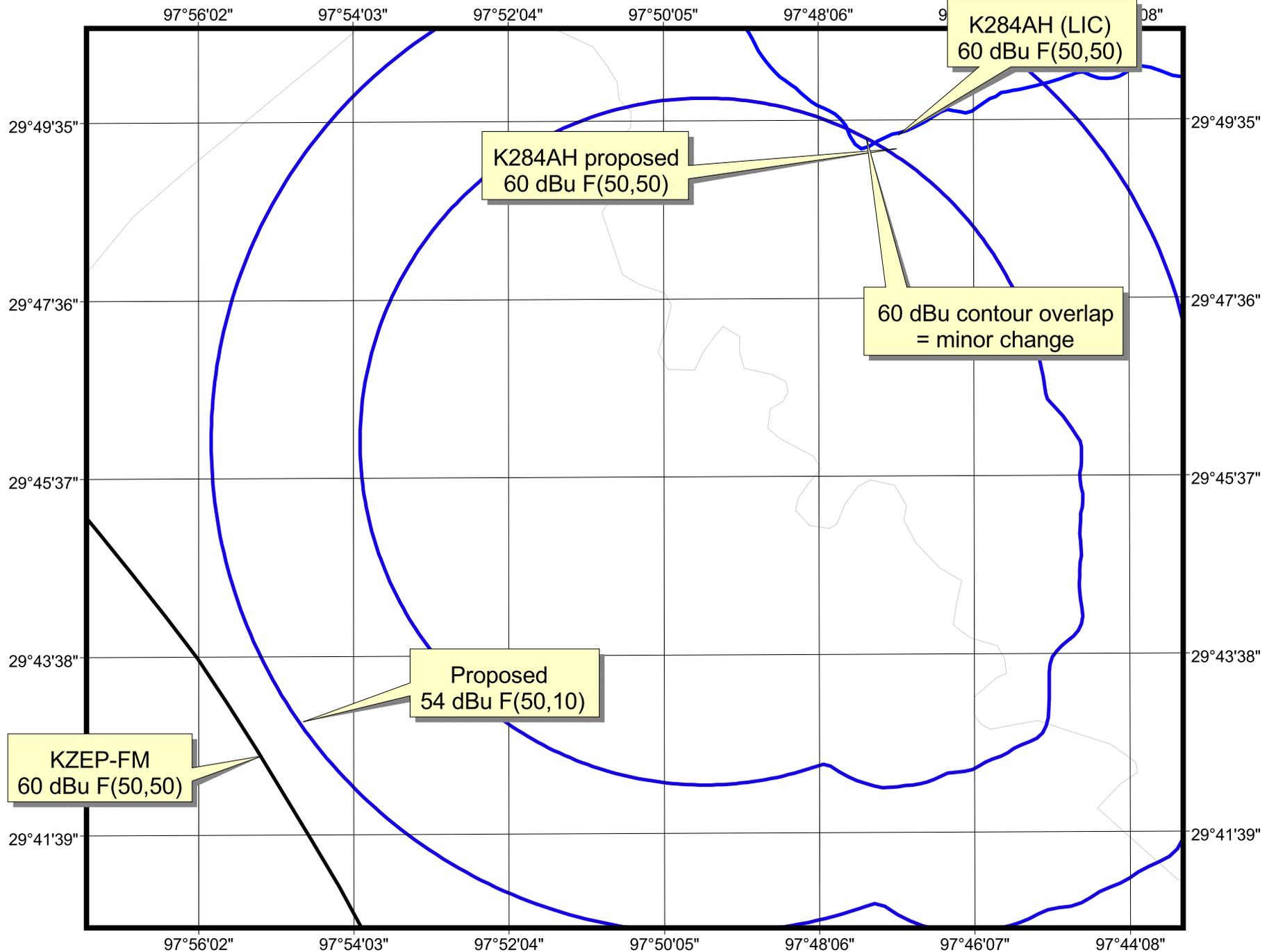


**Table 1**

**K284AH Minor Change to Licensed Facility November 29, 2009  
Channel Study**

Chan	Class	Call Letters	Type	Status	City	State	Country	Owner	Distance (km)	Bearing TO (deg)	Req. Dist. (km)	Clearance (km)
282 D	NEW	NEW	FX	APP	SAN MARCOS	TX	US	COMMUNITY PUBLIC RADIO, INC.	15.5	326.2	9.6	5.9
282 D	NEW	NEW	FX	APP	SAN MARCOS	TX	US	LISA LOPEZ	18.6	323.3	11.9	6.7
282 C2	KLQB	KLQB	FM	LIC	TAYLOR	TX	US	UNIVISION RADIO LICENSE CORPOR/	86.4	30.8	53.9	32.5
282 C2	KLQB	KLQB	FS	LIC	TAYLOR	TX	US	UNIVISION RADIO LICENSE CORPOR/	86.4	30.8	46.7	39.7
283 C1	KZEP-FM	KZEP-FM	FM	LIC	SAN ANTONIO	TX	US	CITICASTERS LICENSES, INC.	74.5	238.8	74.2	0.3
283 C1	KZEP-FM	KZEP-FM	FS	LIC	SAN ANTONIO	TX	US	CITICASTERS LICENSES, INC.	75.1	241.3	50.9	24.2
<b>284 D</b>	<b>K284AH</b>	<b>K284AH</b>	<b>FX</b>	<b>CP</b>	<b>MENDOZA</b>	<b>TX</b>	<b>US</b>	<b>HOUSTON CHRISTIAN BROADCAST</b>	<b>15.1</b>	<b>19.8</b>	<b>33.8</b>	<b>-18.7 (same as applicant)</b>
<b>284 D</b>	<b>K284AH</b>	<b>K284AH</b>	<b>FX</b>	<b>LIC</b>	<b>MENDOZA</b>	<b>TX</b>	<b>US</b>	<b>HOUSTON CHRISTIAN BROADCAST</b>	<b>29.9</b>	<b>32.1</b>	<b>36.9</b>	<b>-7.0 (same as applicant)</b>
285 A	KTXX-FM	KTXX-FM	FM	LIC	DRIPPING SPRINGS	TX	US	BMP AUSTIN LICENSE COMPANY, L.P	51.2	339.5	40.0	11.2
285 A	KTXX-FM	KTXX-FM	FM	CP MOD	BEE CAVE	TX	US	BMP AUSTIN LICENSE COMPANY, L.P	54.0	352.3	39.3	14.7
285 A	KTXX-FM	KTXX-FM	FM	APP	BEE CAVE	TX	US	BMP AUSTIN LICENSE COMPANY, L.P	54.0	352.3	39.3	14.7
287 D	K287AY	K287AY	FX	CP	AUSTIN	TX	US	KATHERINE PYEATT	61.9	2.2	12.9	49.0
287 C	KSMG	KSMG	FM	LIC	SEGUIN	TX	US	COX RADIO, INC.	69.3	217.9	83.8	-14.5 (see Note and Figure 2)
287 C	KSMG	KSMG	FS	LIC	SEGUIN	TX	US	COX RADIO, INC.	69.3	217.9	38.1	31.2

**(with respect to KSMG)** 3rd adjacent KSMG (LIC) has a field strength of 65.418 dBu F(50,50) at the K284AH site. Therefore K284AH's interfering contour is the 105.42 dBu F(50,10) contour. K284AH's 105.42 dBu F(50,10) contour extends a horizontal distance of 596 meters from the antenna. The interfering contour does not contain any structures or population (See Figure 2). Therefore this proposal is compliant with the allowance of Rule 74.1204(d).



**Figure 1**

**K284AH, MENDOZA, TX : MINOR CHANGE TO LICENSED FACILITY**  
**Minor change showing, and contour protection**



0 0.3 0.6 Kilometers

Figure 2

K284AH, MENDOZA, TX : MINOR CHANGE TO LICENSED FACILITY  
Predicted interference area with respect to KSMG

## Radiofrequency Electromagnetic Exposure Analysis

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			
						Maximum power density	% controlled environment limit (1000 $\mu\text{W}/\text{cm}^2$ )	% uncontrolled environment limit (200 $\mu\text{W}/\text{cm}^2$ )	Distance to maximum PD (m)
PROPOSED	10	ERI LPX-2 E	2	0.250	0.250	38.0	3.8%	19.0%	5.4
						<b>38.0</b>	<b>3.8%</b>	<b>19.0%</b>	5.4

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).

Determined using FCC FM Model 2.10