

**KXXM (FM)**

**SAN ANTONIO, TEXAS**

**COORDINATE CORRECTION APPLICATION FOR MINOR CHANGE**

This minor change application seeks only a correction of coordinates of the currently licensed facility of KXXM (FM). No actual physical changes to the facility are to be made. This application seeks only to match the stations licensed coordinates to those of the recently updated underlying antenna structure registration number.

As can be seen in the attached spacing study, this correction will result in no material change to the existing short spacing with KAJZ Llano, TX. This correction will not result in any new short spacings.

The facilities were evaluated in terms of potential radio frequency radiation exposure at ground level in accordance with OET Bulletin No. 65, "Evaluating Compliance With FCC-Specified Guidelines for Human Exposure to Radio frequency Radiation."

The KXXM antenna system is an EPA type 3, 6- bay, full wave spaced, "Roto- tiller " antenna, mounted with its center of radiation 103 meters above ground level, and operates with an effective radiated power of 99 Kilowatts in both the horizontal and vertical planes. Additionally a shared time auxiliary antenna for KAJA and KXXM is located lower on the tower at a height of 74 meters with a maximum effective radiated power of 35 Kilowatts. This EPA type 3, 4 bay, full wave spaced "Roto-Tiller" antenna is, for this analysis, considered as a single radiator of the combined 134 kilowatts in both horizontal and vertical planes. At 2 meters above ground, at 29 meters from the base of the tower, this proposal will contribute worst case, 149.5 microwatts per square centimeter, or 15 percent of the allowable ANSI limit for controlled exposure, and 75 percent of the allowable limit for uncontrolled exposure. It is therefore believed that this proposal is in compliance with OET Bulletin Number 65 as required by the Federal Communications Commission.

Further, the applicant will see that signs are posted in the vicinity of the tower, warning of potential radio frequency hazards at the site. The site itself is restricted from public access. The applicant will cooperate with other users of the tower to reduce power of the facility, or discontinue operation, as necessary to limit human exposure to levels less than specified by the Federal Communications Commission should anyone be required to climb the tower for maintenance or inspection.

## Spacing Study

ComStudy 2.2 search of channel 241 (96.1 MHz Class C1) at 29-38-01.0 N, 98-37-54.0 W.

Call sign	City	Chanl	ERP_w	Class	Status	Sep	Distance_km		Clarence	
							Proposed	Present	Proposed	Present
KXXM	SAN ANTONIO	241	99000	C1	LIC	245	0.11	0	-244.9	
KXXM	SAN ANTONIO	241	1000	C1	LIC	245	0.11	0	-244.9	
KAJZ	LLANO	242	2300	A	CP	133	116.01	116.03	-17	-17
KAJZ	LLANO	242	2900	A	LIC	133	116.88	116.9	-16.1	-16.1
KSYY	INGRAM	243	8400	C3	LIC	76	76.4	76.49	0.4	0.5
KLEY-FM	JOURDANTON	239	11000	C2	LIC	79	79.59	79.57	0.6	0.6
KGGB	YORKTOWN	242	6000	A	LIC	133	135.7	135.59	2.7	2.6
KSYY	INGRAM	243	0	C3	RSV	76	78.96	79.06	3	3.1
NEW	COTULLA	242	0	C3	USE	144	148.58	148.6	4.6	4.6
NEW	COTULLA	242	13500	C3	CP	144	148.58	148.6	4.6	4.6
	COTULLA	242	0	A	APP	133	137.18	137.2	4.2	4.2