

Comprehensive Engineering Exhibit
Citicasters Licenses, L.P.
KDMX (FM) FID No. 47739
August 27, 2004

This minor change application seeks to increase height above average terrain to a value above class C0 in order to retain present C class. This application proposes to simply move to a higher antenna upon the present antenna support structure 1046223, at a height of 436 meters above ground level. This will be a shared antenna transmitting the signals of KDGE (FM) and KDMX (FM) which are under common ownership and control.

From this location, KDMX (FM) is fully spaced Section 73.207 to all allocations, applications, and facilities with the exception of KBRQ(FM), which utilizes Section 73.215 to KDMX (FM). Figure 1 is a Section 73.207 spacing study.

The proposed 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 proposed antenna system is an EPA type 3, 10- bay, antenna, mounted with its center of radiation 436 meters above ground level, and will operate with an effective radiated power of 100 Kilowatts in both the horizontal and vertical planes. At 2 meters above ground, at 106 meters from the base of the tower, this proposal will contribute worst case, 1.80 microwatts per square centimeter, or 0.18 percent of the allowable ANSI limit for controlled exposure, and 0.90 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.

Figure 1

ComStudy 2.2 search of channel 275 (102.9 MHz Class C)
at 32-34-54.0 N, 96-58-32.0 W.

Callsign	State	City	Chnl	ERP_w	Class	Status	Dist_km	Sep	Clr	Comments
KBRQ	TX	HILLSBORO	273	100000	C1	LIC CP	85.89	105	-19.1	*073.215*
KBLZ	TX	WINONA	274	9300	C3	MOD	176.51	176	0.5	One-step
KBLZ	TX	WINONA	274	0	C3	USE	176.51	176	0.5	
KBLZ	TX	WINONA	274	9300	C3	LIC	176.51	176	0.5	
	OK	TUPELO	275	0	C3	APP	236.56	237	-0.4	Site Restriction
KDVE	TX	PITTSBURG	276	0	C2	USE	188.49	188	0.5	
KESN	TX	ALLEN	277	98000	C	LIC	106.64	105	1.6	
KESN	TX	ALLEN	277	100000	C	CP	106.64	105	1.6	
KDVE	TX	PITTSBURG	276	10000	C2	LIC	190.87	188	2.9	*073.215*