

**Comprehensive Engineering Exhibit**  
**Citicasters Licenses, Inc.**  
**KDMX (FM) FID No. 47739**  
**April 3, 2014**

This minor change application seeks to change the KDMX transmitter location to an existing tower identified by antenna support structure 1046223, at a height of 492 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. KDGE (FM) will file a minor modification application for a change in transmit location concurrent with this application. This instant proposal is the same technical facility used as an auxiliary antenna as authorized by BXLH-20121109ABC, which is to be surrendered to the Commission.

As shown in *Figure 1*, from this location KDMX is fully spaced Section 73.207 to all allocations, applications, and facilities with the exception of KBRQ(FM) to which it is spaced in accordance with Section 73.213(a)(4) as a second adjacent station, the two stations having been spaced in such manner since prior to November 16, 1964.

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."

This will be a shared antenna transmitting the signals of KDGE (FM) and KDMX (FM), each to operate with 100 Kilowatts effective radiated power. The proposed antenna system is an EPA type 3, 8- bay, antenna, (ERI SHPX-8AC6-SP), mounted with its center of radiation 492 meters above ground level, and will operate with a combined effective radiated power of 200 Kilowatts in both the horizontal and vertical planes. At 2 meters above ground, at 132 meters from the base of the tower, this proposal will contribute worst case, 3.2 microwatts per square centimeter, or 0.32 percent of the allowable ANSI limit for controlled exposure, and 1.6 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.

KDMX at Aux

Citicasters Licenses, Inc.

REFERENCE

32 35 19.5 N.

96 58 04.9 W.

CLASS = C

Current Spacings to 3rd Adj.

Channel 275 - 102.9 MHz

DISPLAY DATES

DATA 04-03-14

SEARCH 04-03-14

Call	Channel	Location	Azi	Dist	FCC	Margin
KDMX	LIC 275C	Dallas	TX 221.9	1.05	289.5	-288.5
KBRQ	LIC-Z 273C1	Hillsboro	TX 192.0	86.60	104.5	-17.9
KBLZ	LIC 274C3	Winona	TX 96.9	175.90	175.5	0.40
NEW	CP -N 274A	Centerville	TX 145.2	165.52	164.5	1.0
KESN	LIC 277C	Allen	TX 6.8	105.94	104.5	1.4
KMPA	LIC-N 276C2	Pittsburg	TX 79.6	190.03	187.5	2.5
R16317	ADD 274A	Centerville	TX 146.5	177.79	164.5	13.3
substituted for 267A to accommodate BMPH-20140324ADD to change channel fro m 274A to 267A.						
KSSM	LIC-N 276C3	Copperas Cove	TX 209.3	191.01	175.5	15.5
KWBU-FM	CP -N 277A	Waco	TX 190.2	121.07	94.5	26.6
KMAD-FM	LIC-N 273C2	Whitesboro	TX 21.6	131.77	104.5	27.3
KQIB	LIC 275A	Idabel	OK 51.6	256.07	225.5	30.6
KIHG	CP 275A	Savanna	OK 22.3	259.14	225.5	33.6
KWBU-FM	LIC-N 277A	Waco	TX 188.9	128.82	94.5	34.3
KITY	LIC-Z 275A	Llano	TX 215.9	260.62	225.5	35.1
AU9411199	VAC 275A	Savanna	OK 23.1	263.48	225.5	38.0
KVJM	LIC 276A	Hearne	TX 166.8	208.54	164.5	44.0
AL4660	VAC 274A	Milano	TX 178.7	215.94	164.5	51.4
reserve for NCE use						
KVMA-FM	LIC 275C2	Shreveport	LA 91.2	301.03	248.5	52.5
KTFW-FM	LIC-N 221C1	Glen Rose	TX 250.9	105.11	40.5	64.6
KXEZ	APP 221A	Farmersville	TX 36.0	94.59	28.5	66.1
KXEZ	LIC 221A	Farmersville	TX 36.1	94.62	28.5	66.1
KLTN	LIC 275C0	Houston	TX 153.4	350.25	280.5	69.8
WTAW-FM	CP 278A	Buffalo	TX 145.2	165.52	94.5	71.0

All separation margins include rounding