

Engineering Exhibit
KVJM (FM)
Facility ID 52835
Minor Change Application
October 18, 2006

By this application it is sought to modify the facility of KVJM (FM) to specify a non-directional antenna at the presently licensed location, height, and power, and the licensing of the facility in accordance with Section 73.207, by removing the current 73.215 classification. This is a “triggering application” toward KLTN FM) Houston Texas.

The only change in physical facilities requested in this application is the replacement of the existing directional antenna with a non-directional one. No other changes are requested. The KVJM (FM) antenna is located 91 meters above ground level upon a tower described by antenna structure registration number 1044896. From this location KVJM (FM) is fully spaced as a Class A facility in accordance with Section 73.207 to all known facilities, applications, and allocations, with the exception of KLTN (FM) Houston Texas. Table 1 below demonstrates the spacing both now, and with the proposed reclassification of KLTN (FM).

This proposal requests reclassification of KLTN (FM) from Class C to Class C0 using the provisions of section 73.3573 Note 4. Presently KLTN (FM) operates with an antenna 300 meters in Height Above Average Terrain (HAAT), and is subject to reclassification. A study has been conducted for an alternative frequency for KVJM (FM) as a Class A facility at the existing location, and none was found. A copy of this application is to be served upon the licensee of KLTN (FM). Therefore, it is believed that the proposed KVJM (FM) 276A operation complies with the provisions of Note 4 of Section 73.3573.

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, 6- bay, 1.0 wave spaced “Roto Tiller” style antenna, mounted with its center of radiation 91 meters above ground level. This proposal will operate with an effective radiated power of 6 kilowatts in both the horizontal and vertical planes. At 2 meters above ground, at 28.8 meters from the base of the tower, this proposal will contribute worst case 3.45 microwatts per square centimeter, or 0.34 percent of the allowable ANSI limit for controlled exposure, and 1.72 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.

Table 1.

ComStudy 2.2 search of channel 276 (103.1 MHz Class A) at 30-45-35.0 N, 96-28-00.0 W.

Callsign	State	City	Freq	Channel	ERP_w	Class	Status	Dist_km	Sep	Clr
KLTN (FM)	TX	HOUSTON	102.9	275	100000	C	LIC	155.37	165	-9.6
KLTN (FM) ¹	TX	HOUSTON	102.9	275	100000	C0	LIC	155.37	152	3.4
	TX	CALDWELL	102.7	274	0	A	ADD	35	31	4
KSSM	TX	COPPERAS COVE	103.1	276	8600	C3	LIC	146.47	142	4.5
KSSM	TX	COPPERAS COVE	103.1	276	0	C3	USE	153.31	142	11.3
	TX	MILANO	102.7	274	0	A	ADD	45.05	31	14.1

¹ This entry indicates the reclassified facility.