

Call	Type	Ch	Location		Azi	Dist	In	Out
636894	APP	252D	Brenham	TX	332.0	0.02	13.5*	14.0*
KTXN-FM	LIC	254C1	Victoria	TX	203.7	160.19	4.7	68.2
KODA	LIC	256C	Houston	TX	125.8	106.02	79.1	13.6
KXBT«	LIC-D	201A	Somerville	TX	327.7	33.19	10.0R	23.2M
KULM-FM	LIC	252A	Columbus	TX	199.1	51.12	34.7	24.4
KRXT	LIC	253A	Rockdale	TX	312.8	83.06	26.3	37.3
KTJM	LIC	253C	Port Arthur	TX	93.8	179.13	29.2	67.9
KORA-FM	LIC	252A	Bryan	TX	4.8	57.16	41.9	33.0
637572	APP	254D	Fairbanks	TX	112.4	86.05	52.3	33.1

End of Screen List

**No Prohibited Overlap
is Caused
250 Watt Analysis**

Applicant proposes a modification of the technical portion of its pending short form application. Tower site remains - ASR: 1047727.

It also proposes to operate on Ch. 254 in lieu of Ch. 252.

A Shively 2 Bay FM 6800 series antenna will be mounted at 81 m AGL / 199.9 m AMSL level of the tower.

It will operate with an ERP of 0.170 kW.

None of the 12 cardinal 30 degree radials exceeds 130 m HAAT.

Figure A demonstrates no prohibited overlap is caused.

Since a Commercial FM Channel is specified it is not necessary to demonstrate protection to TV Channel 6 operations in the area.

The proposed site is **not within the 39 km Buffer** of any LPFM Market.

See **Figures B** for compliance.

Figure C is a plot of the RF Exposure near ground level is low enough to be categorically excluded from further analysis.

FIGURE A - FM TRANSLATOR OVERLAP STUDY



**FCC 349 Long Form
Houston Christian Broadcasters, Inc.
Ch. 254 in lieu of 252 - Brenham, TX
March 2013**