

FMCommander Contour-to-Contour - HAAT Method= 4 ©V-Soft Communications®								
File Print Settings Class Channel <Down >Up Find Views Help About								
NGDC 30 SEC								
DATA: 03-25-13								
<div> <div>N. Lat. 30 08 11.2 W. Lng. 96 23 57.5</div> <div>199.9 M CDR 0.25 kW</div> <div>Contours are detailed CH 254. 98.7</div> <div>Brenham TX 105.7 M HAAT</div> <div>X</div> <div>bre-252.vsf Job: 03-25-13</div> </div>								
Call	Type	Ch	Location		Azi	Dist	In	Out
636894	APP	252D	Brenham	TX	332.0	0.02	<del>13.5*</del>	<del>14.0*</del>
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**