

FM Study for: KASATR1

FCC Database Date: 12/8/2017

31-21-53

Location: LUFKIN, TX

Channel Class: D

94-43-08

Contours calculated on direct line using 73.509(a)

[\*] by Distance indicates directional antenna used in calculation.

[\*] by HAAT indicates calculated as missing in database.

Call City, State

Chan Class Freq kW

Latitude Dist.

Required

Status Proponent

File Number HAAT

Longitude Azm.

Clear (km)

&gt;&gt;&gt;&gt;&gt;&gt;&gt; Study For Channel 225 92.9 MHz &lt;&lt;&lt;&lt;&lt;&lt;&lt;

ALLOC	MOUNT ENTERPRISE, TX	279 A	103.7		31-58-15	67.3	10	
VAC		RM-11494		0	94-41-01	2.8	+57.3	CLEAR
KETXFM	LIVINGSTON, TX	222 C2	92.3 32.0+		30-44-18	72.2	53	73.215
LIC	Fac. No. 52897	BMLH-20140929ARF	185		94-55-26	195.8	+19.2	CLEAR
KETXFM	F(50,10) 100 dBu =	6 km, KASATRF(50,50)	60 dBu =	13 KM			+53 km*	
KASATR	F(50,10) 100 dBu =	1 km, KETXFMF(50,50)	60 dBu =	53 KM			+18 km*	
KXXE	SAN AUGUSTINE, TX	223 A	92.5 2.55		31-32-48	62.5	29	
LIC	Fac. No. 58792	BLH-20100121AAB	157		94-05-47	71.0	+33.5	CLEAR
KXXE	F(50,10) 100 dBu =	3 km, KASATRF(50,50)	60 dBu =	13 KM			+47 km	
KASATR	F(50,10) 100 dBu =	1 km, KXXE F(50,50)	60 dBu =	29 KM			+32 km	
KIVYFM	CROCKETT, TX	224 C2	92.7 50.0		31-18-20	70.05	71	
LIC	Fac. No. 15132	BLH-19910222KB	150		95-27-06	264.8	-0.95	SHORT
KIVYFM	F(50,10) 54 dBu =	76 km, KASATRF(50,50)	60 dBu =	13 KM			-20 km	
KASATR	F(50,10) 54 dBu =	20 km, KIVYFMF(50,50)	60 dBu =	51 KM			-0 km	
NEW	DIBOLL, TX	225 D	92.9 .250		31-21-53	0.0	44	
APP	Fac. No. 201631	BNPFT-20170801AIO	104*		94-43-08	0.0	-44.0	SHORT
NEW	F(50,10) 40 dBu =	44 km, KASATRF(50,50)	60 dBu =	13 KM			-57 km	
KASATR	F(50,10) 40 dBu =	45 km, NEW F(50,50)	60 dBu =	13 KM			-58 km	
KTYLFM	TYLER, TX	226 C1	93.1 82.0		32-15-35	101.6	91	73.215
LIC	Fac. No. 35711	BLH-19980612KC	286		94-57-02	347.6	+10.6	CLOSE
KTYLFM	F(50,10) 54 dBu =	101 km, KASATRF(50,50)	60 dBu =	13 KM			-13 km	
KASATR	F(50,10) 54 dBu =	20 km, KTYLFMF(50,50)	60 dBu =	70 KM			+12 km	
KQBUFM	PORT ARTHUR, TX	227 C	93.3 100.		30-03-05	146.8	93	
LIC	Fac. No. 25583	BMLH-19950921KA	595		94-31-37	172.8	+53.8	CLEAR
KQBUFM	F(50,10) 100 dBu =	14 km, KASATRF(50,50)	60 dBu =	13 KM			+120 km	
KASATR	F(50,10) 100 dBu =	1 km, KQBUFMF(50,50)	60 dBu =	91 KM			+54 km	
KBPC	CROCKETT, TX	228 C2	93.5 50.0		31-20-03	101.7	53	
LIC	Fac. No. 3526	BLH-19890801KA	146		95-47-13	268.4	+48.7	CLEAR
KBPC	F(50,10) 100 dBu =	6 km, KASATRF(50,50)	60 dBu =	13 KM			+82 km	
KASATR	F(50,10) 100 dBu =	1 km, KBPC F(50,50)	60 dBu =	54 KM			+47 km	

**KTS - SAN ANTONIO 210-832-0883 gkeener1@satx.rr.com**  
**NEW 225D, KSML(AM) EXHIBIT 13.1**  
**OVERLAP STUDY - TABULATION**