

K39LD-D CH 25 FI 184097
TEXARKANA, AR

Minor Change: MOVE TO ASR 104762. Change antenna make and model, reduce ERP and RCAGL.
Controlled access site, no new construction.

Study created: 2022.07.27 08:41:11

Study build station data: LMS TV 2022-07-24

Proposal: K39LD-D D25 LD CP TEXARKANA, AR
File number: ASR 1947952
Facility ID: 184097
Station data: User record
Record ID: 301
Country: U.S.

Build options:
Protect pre-transition records not on baseline channel

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
No	KFSM-TV	D24	LD	LIC	FORT SMITH, AR	BLCDT20110517AEQ	192.8 km
No	KVTN-DT	D24	DT	LIC	PINE BLUFF, AR	BLCDT20071231AFB	214.3
No	KCWL-LD	D24	LD	LIC	MONROE, LA	BLANK0000125986	227.0
No	KNOE-TV	D24	DT	CP	MONROE, LA	BLANK0000185070	251.9
No	KTRE	D24	DT	APP	LUFKIN, TX	BLANK0000176843	257.7
No	KXIP-LD	D24	LD	LIC	PARIS, TX	BLDTL20130924AGN	136.7
No	KXNW	D25	DT	LIC	EUREKA SPRINGS, AR	BLANK0000059458	305.4
No	KFDK-CD	D25	DC	LIC	FORT SMITH, AR	BLANK0000064348	199.1
No	KMYA-LD	D25	LD	LIC	SHERIDAN, AR	BLANK0000075097	196.4
No	K25PZ-D	D25	LD	LIC	ALEXANDRIA, LA	BLANK0000149500	329.9
No	WLPB-TV	D25	DT	CP	BATON ROUGE, LA	BLANK0000035855	458.0
No	WLPB-TV	D25	DT	LIC	BATON ROUGE, LA	BLEDT20101201ALR	458.0
No	WMAO-TV	D25	DT	LIC	GREENWOOD, MS	BLEDT20090612AAI	333.6
No	DK25GJ	N25+	TX	APP	MUSKOGEE, OK	BLTT20051206ADA	250.1
No	KGCT-CD	D25	DC	LIC	NOWATA, OK	BLDTA20091222AAA	364.4
No	KWTV-DT	D25	DT	LIC	OKLAHOMA CITY, OK	BLANK0000067689	375.1
No	WATN-TV	D25	DT	LIC	MEMPHIS, TN	BLCDT20050628AAP	436.7
No	KPXD-TV	D25	DT	LIC	ARLINGTON, TX	BLANK0000073172	290.8
No	KOPS-LD	D25	LD	LIC	BEAUMONT, TX	BLANK0000159557	392.7
No	KYAZ	D25	DT	LIC	KATY, TX	BLANK0000125086	474.6
No	KCTL-LD	D25	LD	LIC	LIVINGSTON, TX	BLDTL20140508ABU	339.1
No	K25ND-D	D25	LD	LIC	MOUNT VERNON, TX	BLANK0000151991	122.6
No	K25LG-D	D25	LD	LIC	TYLER, TX	BLANK0000107602	210.1
No	KXUN-LD	D26	LD	LIC	FORT SMITH, AR	BLANK0000064232	199.1
No	KZTE-LD	D26	LD	LIC	FULTON, AR	BLDTL20121226ADR	27.8
No	KLHP-LD	D26	LD	LIC	DALLAS, TX	BLANK0000155145	227.7
Yes	KTAL-TV	D26	DT	LIC	TEXARKANA, TX	BLANK0000192877	85.6

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D25
Mask: Simple
Latitude: 33 40 1.00 N (NAD83)
Longitude: 94 7 33.00 W
Height AMSL: 111.0 m
HAAT: 0.0 m
Peak ERP: 0.100 kW
Antenna: Sam-SAMCO160 (ID 1009817) 160.0 deg
Elev Pattnr: Generic

49.9 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	0.001 kW	23.3 m	3.4 km
45.0	0.004	26.5	4.5
90.0	0.004	18.8	4.7
135.0	0.068	18.7	9.2
180.0	0.079	24.5	9.5
225.0	0.007	20.5	5.3
270.0	0.003	10.1	4.4
315.0	0.001	12.6	3.5

Database HAAT does not agree with computed HAAT
Database HAAT: 0 m Computed HAAT: 19 m

Distance to Canadian border: 1329.8 km

Distance to Mexican border: 800.6 km

Conditions at FCC monitoring station: Kingsville TX
Bearing: 208.4 degrees Distance: 779.7 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 309.3 degrees Distance: 1218.1 km

Study cell size: 1.00 km
Profile point spacing: 1.00 km

Maximum new IX to full-service and Class A: 0.50%
Maximum new IX to LPTV: 2.00%

No IX check failures found.

K18NM-D.C

0000071802

Latitude: 33-35-06.80 N

Longitude: 094-02-29.30 W

ERP: 15.00 kW

Channel: 18

Frequency: 497.0 MHz

AMSL Height: 164.8 m

Elevation: 94.8 m

Horiz. Pattern: Directional

Vert. Pattern: Yes

Elec Tilt: 1.0

Prop Model: Longley-Rice

Climate: Cont temperate

Conductivity: 0.0050

Dielec Const: 15.0

Refractivity: 311.0


Receiver Ht AG: 10.0 m

Receiver Gain: 0 dB

Time Variability: 90.0%

Sit. Variability: 50.0%

ITM Mode: Broadcast

 Line of Sight