

Study created: 2023.06.08 17:31:20 JMc

Study build station data: LMS TV 2023-06-08

Proposal: KFAW-LD D32 LD LIC MIDLAND, TX  
File number: BLANK00000102581  
Facility ID: 183920  
Station data: User record  
Record ID: 1535  
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	K31KJ-D	D31	LD	LIC	BIG SPRINGS, TX	BLDTT20121010ABK	67.0 km
No	KLBK-TV	D31	DT	LIC	LUBBOCK, TX	BLANK0000078650	139.5
No	DDK31MX-D	D31-	LD	APP	Lubbock, TX	BLANK0000037494	136.9
No	K31LL-D	D31	LD	CP	MIDLAND/ODESSA, TX	BLANK00000165157	30.3
No	K31LL-D	D31	LD	LIC	MIDLAND/ODESSA, TX	BLANK00000164315	30.3
No	KOSA-TV	D31	DT	CP	ODESSA, TX	BLANK00000213333	61.7
No	K320E-D	D32	LD	LIC	ALAMOGORDO, NM	BLANK0000078907	353.5
No	KENW	D32	DT	LIC	PORTALES, NM	BL EDT20030219ADP	239.2
No	K32IC-D	D32	LD	LIC	ALTUS, OK	BLDTT20100709AKE	368.4
No	KMYS	D32	DT	LIC	KERRVILLE, TX	BLANK00000191505	431.8
No	K320V-D	D32+	LD	LIC	LUBBOCK, TX	BLANK00000121884	138.8
No	K32EH-D	D32	LD	LIC	MEMPHIS, TX	BLDTT20101203AAP	314.2
No	K320T-D	D32	LD	CP	SHEFFIELD, TX	BNPDTL20100329AFD	184.8
No	KABI-LD	D32-	LD	LIC	SNYDER, TX	BLANK0000055316	128.3
No	K32KT-D	D32	LD	LIC	WICHITA FALLS, TX	BLANK00000001482	381.9
No	KCWO-TV	D33	DT	LIC	BIG SPRING, TX	BLCDT20090818AAN	63.3
No	KJTV-CD	D33	DC	LIC	WOLFFORTH, TX	BLANK00000081644	136.9
No	K29NW-D	N34+	TX	LIC	MIDLAND, TX	BLTTL20061107AEM	28.0
No	K17MP-D	N40+	TX	LIC	MIDLAND, TX	BLTTA20011121ABB	35.4

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D32  
Mask: Full Service  
Latitude: 32 17 45.00 N (NAD83)  
Longitude: 102 10 0.00 W  
Height AMSL: 975.4 m  
HAAT: 0.0 m  
Peak ERP: 15.0 kW  
Antenna: 214.0 deg  
Elev Pattrn: Generic  
Elec Tilt: 0.50

50.5 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	0.047 kW	88.9 m	13.7 km
45.0	0.014	98.9	10.8
90.0	0.196	109.3	22.0

135.0	5.17	113.0	39.3
180.0	11.3	97.2	41.6
225.0	10.4	87.6	39.9
270.0	13.8	66.9	38.2
315.0	1.39	72.3	27.8

Database HAAT does not agree with computed HAAT  
Database HAAT: 0 m    Computed HAAT: 92 m

Distance to Canadian border: 1856.5 km

\*\*Proposal is within coordination distance of Mexican border  
Distance to Mexican border: 268.9 km

Conditions at FCC monitoring station: Kingsville TX  
Bearing: 141.5 degrees    Distance: 679.2 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:  
Bearing: 343.4 degrees    Distance: 911.5 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.