

Study created: 2023.06.18 10:30:15 JMc

Study build station data: LMS TV 2023-06-16

Proposal: KFAW-LD D32 LD APP MIDLAND, TX
File number: BLANK0000216439
Facility ID: 183920
Station data: User record
Record ID: 1536
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	BLANK0000165157	30.3
No	K31LL-D	D31	LD	LIC	MIDLAND/ODESSA, TX	BLANK0000164315	30.3
No	KOSA-TV	D31	DT	CP	ODESSA, TX	BLANK0000213333	61.7
No	K320E-D	D32	LD	LIC	ALAMOGORDO, NM	BLANK0000078907	353.5
No	KENW	D32	DT	LIC	PORTALES, NM	BLEDT20030219ADP	239.2
No	K32IC-D	D32	LD	LIC	ALTUS, OK	BLDTT20100709AKE	368.4
No	KMYS	D32	DT	LIC	KERRVILLE, TX	BLANK0000191505	431.8
No	K320V-D	D32+	LD	LIC	LUBBOCK, TX	BLANK0000121884	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	BLANK0000001482	381.9
No	KCW0-TV	D33	DT	LIC	BIG SPRING, TX	BLCDT20090818AAN	63.3
No	KJTV-CD	D33	DC	LIC	WOLFFORTH, TX	BLANK0000081644	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: 11.0 kW
Antenna: SIRA-UTV01 180.0 deg
Elev Pattn: Generic
Elec Tilt: 0.50

50.5 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	0.133 kW	88.9 m	17.7 km
45.0	0.004	98.9	8.1
90.0	0.054	109.3	15.1

135.0	3.89	113.0	37.9
180.0	11.0	97.2	41.4
225.0	4.03	87.6	35.2
270.0	0.010	66.9	8.1
315.0	0.007	72.3	7.7

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.