

Study created: 2019.06.27 12:10:48

Study build station data: LMS TV 2019-06-27

Proposal: KFAW-LD D32 LD CP MIDLAND, TX  
File number: BLANK0000056035  
Facility ID: 183920  
Station data: User record  
Record ID: 61  
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	KEOT-LD	D31	LD	APP	ABILENE, TX	BLANK0000072036	222.4 km
No	K31KJ-D	D31	LD	LIC	BIG SPRINGS, TX	BLD TT20121010ABK	81.1
No	KL BK-TV	D31	DT	CP	LUBBOCK, TX	BLANK0000049097	169.1
No	K31MX-D	D31-	LD	LIC	LUBBOCK, TX	BLANK0000037494	166.4
No	K31LL-D	D31	LD	CP	MIDLAND/ODESSA, TX	BNPDTL20090825AWQ	7.9
No	KANG-LP	D31-	LD	LIC	SAN ANGELO, TX	BLTTL19990727JE	182.4
No	NEW	D31	LD	APP	SHEFFIELD, TX	BNPDTL20100329AFB	162.7
No	K49FX-D	D32	LD	CP	ALAMOGORDO, NM	BLANK0000053309	347.9
No	K32KU-D	D32	LD	CP	HOBBS, NM	BNPDTL20101012AFB	106.7
No	KENW	D32	DT	LIC	PORTALES, NM	BLED T20030219ADP	260.3
No	K32FE	N32	TX	LIC	TUCUMCARI, NM	BLTT20000707AEI	366.8
No	K32KS-D	D32	LD	CP	AMARILLO, TX	BNPDTL20100430ABV	365.5
No	KMYS	D32	DT	LIC	KERRVILLE, TX	BLCDT20060608ACW	422.9
No	K32KF-D	D32	LD	CP	LAMESA, TX	BNPDTL20100323AIO	92.3
No	K24GP	D32+	LD	CP	LUBBOCK, TX	BLANK0000063177	168.4
No	K32EH-D	D32	LD	LIC	MEMPHIS, TX	BLD TT20101203AAP	344.3
No	NEW	D32	LD	APP	SHEFFIELD, TX	BNPDTL20100329AFD	162.7
No	KABI-LD	D32-	LD	LIC	SNYDER, TX	BLANK0000055316	152.0
No	K32KE-D	D32	LD	CP	SWEETWATER, TX	BNPDTL20100310ACA	193.9
No	K32KT-D	D32	LD	LIC	WICHITA FALLS, TX	BLANK0000001482	406.3
No	KCWO-TV	D33	DT	LIC	BIG SPRING, TX	BLCDT20090818AAN	79.9
No	KJTV-CD	D33	DC	CP	WOLFFORTH, TX	BLANK0000059342	166.4
No	KJTV-CD	D33	DC	LIC	WOLFFORTH, TX	BLD TL20101123AOD	166.4
No	K34HH	N34+	TX	LIC	MIDLAND, TX	BLTTL20061107AEM	20.3
No	K17MP-D	N40+	TX	LIC	MIDLAND, TX	BLTTA20011121ABB	31.0

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 2 52.90 N (NAD83)  
Longitude: 102 17 45.50 W  
Height AMSL: 1032.4 m  
HAAT: 0.0 m  
Peak ERP: 15.0 kW  
Antenna: SIRA-UTV01 x2 BC (ID 1003921) 0.0 deg  
Elev Pattnr: Generic

50.5 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	0.000 kW	134.6 m	1.9 km
45.0	0.000	146.5	6.1
90.0	3.53	161.5	40.6
135.0	14.7	151.6	47.3
180.0	15.0	136.1	46.3
225.0	14.7	126.4	45.5
270.0	3.53	122.8	38.1
315.0	0.002	121.7	7.7

Database HAAT does not agree with computed HAAT

Database HAAT: 0 m    Computed HAAT: 138 m

Distance to Canadian border: 1884.1 km

\*\*Proposal is within coordination distance of Mexican border

Distance to Mexican border: 241.0 km

Conditions at FCC monitoring station: Kingsville TX

Bearing: 139.1 degrees    Distance: 665.8 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:

Bearing: 344.5 degrees    Distance: 934.6 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.