

Study created: 2019.11.27 18:57:03 JMc

Study build station data: LMS TV 2019-11-27

Proposal: KFAW-LD D32 LD STA MIDLAND, TX  
File number: BLDTL20140915ACU  
Facility ID: 183920  
Station data: User record  
Record ID: 549  
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	CP	ABILENE, TX	BLANK00000072036	216.0 km
No	K31KJ-D	D31	LD	LIC	BIG SPRINGS, TX	BLDTT20121010ABK	74.7
No	KLBK-TV	D31	DT	LIC	LUBBOCK, TX	BLANK00000078650	165.6
No	K31MX-D	D31-	LD	LIC	LUBBOCK, TX	BLANK00000037494	162.9
No	K31LL-D	D31	LD	CP	MIDLAND/ODESSA, TX	BNPDTL20090825AWQ	14.3
No	KANG-LP	N31-	TX	APP	SAN ANGELO, TX	BLANK00000059413	177.4
No	KANG-LP	D31-	LD	LIC	SAN ANGELO, TX	BLTTL19990727JE	177.4
No	NEW	D31	LD	APP	SHEFFIELD, TX	BNPDTL20100329AFB	162.5
No	K320E-D	D32	LD	LIC	ALAMOGORDO, NM	BLANK00000078907	353.2
No	K32KU-D	D32	LD	CP	HOBBS, NM	BNPDTL20101012AFB	109.9
No	KENW	D32	DT	LIC	PORTALES, NM	BLEDT20030219ADP	260.3
No	K32FE	N32	TX	LIC	TUCUMCARI, NM	BLTT200000707AEI	366.9
No	K32KS-D	D32	LD	CP	AMARILLO, TX	BNPDTL20100430ABV	362.6
No	KMYS	D32	DT	LIC	KERRVILLE, TX	BLCDDT20060608ACW	419.6
No	K32KF-D	D32	LD	CP	LAMESA, TX	BNPDTL20100323AIO	88.0
No	K24GP	D32+	LD	CP	LUBBOCK, TX	BLANK00000063177	164.9
No	K32EH-D	D32	LD	LIC	MEMPHIS, TX	BLDTT20101203AAP	339.6
No	NEW	D32	LD	APP	SHEFFIELD, TX	BNPDTL20100329AFD	162.5
No	KABI-LD	D32-	LD	LIC	SNYDER, TX	BLANK00000055316	145.6
No	K32KE-D	D32	LD	CP	SWEETWATER, TX	BNPDTL20100310ACA	187.5
No	K32KT-D	D32	LD	LIC	WICHITA FALLS, TX	BLANK00000001482	400.0
No	KCWO-TV	D33	DT	LIC	BIG SPRING, TX	BLCDDT20090818AAN	73.4
No	KJTV-CD	D33	DC	LIC	WOLFFORTH, TX	BLANK00000081644	162.9
No	K34HH	N34+	TX	LIC	MIDLAND, TX	BLTTL20061107AEM	14.3
No	K17MP-D	N40+	TX	LIC	MIDLAND, TX	BLTTA20011121ABB	25.2

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 4 5.00 N (NAD83)  
Longitude: 102 13 53.00 W  
Height AMSL: 1033.0 m  
HAAT: 0.0 m  
Peak ERP: 1.00 kW  
Antenna: RYM-RYSUP24DR (ID 117011) 0.0 deg  
Elev Pattnr: Generic

50.5 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	0.000 kW	146.7 m	3.6 km
45.0	0.000	154.3	3.6
90.0	0.000	173.0	5.1
135.0	0.028	162.9	16.3
180.0	0.726	152.1	31.9
225.0	0.700	138.0	30.8
270.0	0.022	137.8	14.1
315.0	0.000	134.8	3.7

Database HAAT does not agree with computed HAAT

Database HAAT: 0 m    Computed HAAT: 150 m

Distance to Canadian border: 1881.9 km

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

Distance to Mexican border: 243.3 km

Conditions at FCC monitoring station: Kingsville TX

Bearing: 139.7 degrees    Distance: 663.5 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:

Bearing: 344.1 degrees    Distance: 934.1 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%

----- Below is IX received by proposal BLDTL20140915ACU -----

Proposal receives 81.58% interference from scenario 1

No IX check failures found.