

Three Angels Broadcasting Network, inc.

PO Box 220
West Frankfort, IL 62896
618 627 4651

April 17, 2019

Study created: 2019.04.17 09:09:54

Study build station data: LMS TV 2019-04-16

Proposal: K27LU-D D22 LD CP STEPHENVILLE, TX

File number: BLANK00000054723

Facility ID: 188015

Station data: User record

Record ID: 1

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	KXAN-TV	D21	DT	LIC	AUSTIN, TX	BLCDT20050630AAG	221.4 km
Yes	KDTX-TV	D21	DT	CP	DALLAS, TX	BLANK00000034792	131.0
No	KWDA-LD	D21	LD	LIC	DALLAS, TX	BLDTL20110711AGT	152.5
No	K21KJ-D	D21	LD	LIC	MINERAL WELLS, TX	BLDTL20140612AAS	71.1
No	KEUS-LD	D21	LD	LIC	SAN ANGELO, TX	BLANK00000059410	221.5
No	K22JQ-D	D22	LD	CP	ARDMORE, OK	BLANK00000063402	238.1
No	K22JQ-D	D22	LD	LIC	ARDMORE, OK	BLDTL20140224ACC	244.8
No	K22MA-D	D22	LD	LIC	ELK CITY, OK	BLANK00000058430	354.3
No	K22LZ-D	D22	LD	LIC	HOLLIS, OK	BLANK00000058437	307.7
No	K22MT-D	D22	LD	LIC	IDABEL, OK	BLANK00000059597	372.8
No	KTOU-LD	D22	LD	CP	OKLAHOMA CITY, OK	BLANK00000051682	354.6
Yes	KZAB-LP	D22-	LD	CP	ABILENE, TX	BLANK00000054253	134.8
Yes	KLRU	D22	DT	LIC	AUSTIN, TX	BLEDT20040305ACK	221.8

Yes	KNAV-LP	D22	LD	CP	DE SOTO, TX	BLANK0000034645	131.0
No	KNAV-LP	N22-	TX	LIC	DE SOTO, TX	BLTTL20050915ABM	131.0
No	KTMD	D22	DT	CP	GALVESTON, TX	BLANK0000034337	401.7
No	KETK-TV	D22	DT	LIC	JACKSONVILLE, TX	BMLCDT20120516ABW	283.2
Yes	KGSW-LD	D22	LD	CP	KEENE, TX	BLANK0000054652	93.5
No	KMYL-LD	D22	LD	CP	LUBBOCK, TX	BLANK0000059344	359.3
No	KMYL-LD	D22	LD	LIC	LUBBOCK, TX	BLDTL20100519ADK	359.3
No	KMDF-LD	D22	LD	LIC	MIDLAND, TX	BLANK0000004506	375.4
No	KMDF-LD	N22z	TX	LIC	MIDLAND, TX	BLTTL20081229AAD	375.4
No	KUVM-LD	D22	LD	LIC	MISSOURI CITY, TX	BLDTL20121017AAZ	402.5
No	KTXE-LD	D22	LD	CP	SAN ANGELO, TX	BLANK0000030095	220.2
No	KISA-LD	D22	LD	CP	SAN ANTONIO, TX	BLANK0000051683	314.8
No	K22JR-D	D22	LD	LIC	TURKEY, TX	BLDTT20101115F0B	352.1
No	K22KL-D	D22	LD	CP	WESTBROOK, TX	BNPDTL20100323AIX	251.6
Yes	KAUZ-TV	D22	DT	LIC	WICHITA FALLS, TX	BLCDDT20090724ACR	182.6
No	KNVA	D23	DT	CP	AUSTIN, TX	BLANK0000034842	221.4
No	KXLK-CD	D23	DC	LIC	AUSTIN, TX	BLDTA20150108AAG	221.7
No	K23LC-D	D23	LD	CP	CISCO, TX	BNPDTL20100304AAT	66.8
Yes	KUVN-DT	D23	DT	LIC	GARLAND, TX	BLCDDT20110919ACP	131.0
Yes	KTXD-TV	D23	DT	CP	GREENVILLE, TX	BLANK0000034280	131.0
No	KIDT-LD	D23	LD	CP	STAMFORD, TX	BLANK0000054530	185.0
No	K40HZ	D23-	LD	CP	WICHITA FALLS, TX	BLANK0000052116	182.2

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D22

Mask: Full Service

Latitude: 32 16 9.00 N (NAD83)

Longitude: 98 18 52.00 W

Height AMSL: 542.9 m

HAAT: 0.0 m

Peak ERP: 15.0 kW

Antenna: SWR-SWEDL16WCS/41 (ID 106400) 180.0 deg

Elev Pattn: Generic

Elec Tilt: 1.75

49.6 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	1.84 kW	114.0 m	35.3 km
45.0	4.62	139.6	41.7
90.0	12.7	128.2	46.0
135.0	13.4	134.0	46.7
180.0	15.0	112.8	45.7
225.0	13.4	105.1	44.4
270.0	12.7	94.9	42.9
315.0	4.62	75.6	35.3

Database HAAT does not agree with computed HAAT

Database HAAT: 0 m Computed HAAT: 113 m

Distance to Canadian border: 1717.5 km

Distance to Mexican border: 404.3 km

Conditions at FCC monitoring station: Kingsville TX

Bearing: 175.5 degrees Distance: 538.2 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:

Bearing: 326.6 degrees Distance: 1069.4 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.