

Study created: 2022.04.13 11:55:29 jmc

Study build station data: LMS TV 2022-04-12

Proposal: K14NR-D D14 LD LIC TYLER, TX
File number: BLDLTL20140218AHN
Facility ID: 182720
Station data: User record
Record ID: 1381
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	K140K-D	D14	LD	CP	EL DORADO, AR	BNPDTL20100428ACK	245.3 km
No	KYHT-LD	D14	LD	CP	LAKE CHARLES, LA	BLANK0000054614	320.8
No	KYHT-LD	D14	LD	LIC	LAKE CHARLES, LA	BLANK00000164378	320.8
No	WDBD	D14	DT	LIC	JACKSON, MS	BLANK0000064020	446.7
No	K14SX-D	D14	LD	CP	LAWTON, OK	BLANK0000072052	390.8
No	K14SV-D	D14	LD	CP	MC ALESTER, OK	BLANK0000072051	270.2
No	KOCY-LP	D14z	LD	LIC	OKLAHOMA CITY, OK	BLANK00000178645	395.4
No	KOCY-LP	D14z	LD	CP	OKLAHOMA CITY, OK	BLANK00000140506	395.4
No	KTUL	D14	DT	CP	TULSA, OK	BLANK00000170605	393.1
No	KXLK-CD	D14	DC	LIC	AUSTIN, TX	BLANK00000116332	346.6
No	KXLK-CD	D14	DC	LIC	AUSTIN, TX	BLANK00000123233	346.6
No	K14TL-D	D14	LD	CP	BEAUMONT, TX	BNPDTL20090825AYS	280.9
No	K14TB-D	D14	LD	CP	COLLEGE STATION, TX	BLANK00000116855	223.4
Yes	KERA-TV	D14	DT	LIC	DALLAS, TX	BLEDT20140903AFQ	171.7
No	KVQT-LD	D14	LD	LIC	HOUSTON, TX	BLANK00000163581	322.6
No	KWTC-LD	D14-	LD	LIC	KERRVILLE, TX	BLANK0000036258	427.2
Yes	KIBN-LD	D14	LD	LIC	LUFKIN, TX	BLANK00000001197	125.9
No	K14QT-D	D14	LD	LIC	TEXARKANA, TX	BLANK00000081887	145.8
No	K10PL-D	D14	LD	CP	VICTORIA, TX	BLANK00000054196	427.2
No	K15AA-D	D15	LD	LIC	HUGO, OK	BLDTT20100226AFI	174.9
No	KRHD-CD	D15	DC	LIC	BRYAN, TX	BLANK00000108095	227.2
No	DKEID-LD	D15	LD	LIC	LUFKIN, TX	BLANK00000001090	129.0
No	KYTX	D15	DT	LIC	NACOGDOCHES, TX	BLANK00000071581	61.2

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D14
Mask: Full Service
Latitude: 32 27 17.70 N (NAD83)
Longitude: 95 7 50.30 W
Height AMSL: 200.4 m (Adjusted based on actual ground elevation calculation)
HAAT: 0.0 m
Peak ERP: 15.0 kW
Antenna: BBUHF x2 162.0 deg
Elev Pattn: Generic
Elec Tilt: 0.50

48.7 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	0.022 kW	88.0 m	12.4 km
45.0	0.348	87.0	24.7
90.0	7.44	80.4	39.3
135.0	9.22	61.9	37.5
180.0	8.28	62.3	37.0
225.0	11.4	66.0	39.2
270.0	0.758	76.8	27.4
315.0	0.033	82.8	13.4

Database HAAT does not agree with computed HAAT
Database HAAT: 0 m Computed HAAT: 76 m

Distance to Canadian border: 1492.2 km

Distance to Mexican border: 647.4 km

Conditions at FCC monitoring station: Kingsville TX
Bearing: 206.1 degrees Distance: 617.0 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 316.2 degrees Distance: 1240.8 km

No land mobile station failures found

Study cell size: 1.00 km
Profile point spacing: 0.10 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 BLDTL20140218AHN -----

Proposal receives 5.69% interference from scenario 1
No IX check failures found.