Study created: 2022.07.12 10:11:50 JMc

Study build station data: LMS TV 2022-07-12

```
    Proposal: K14NR-D D14 LD CP TYLER, TX
 File number: BLANK0000189333
 Facility ID: 182720
Station data: User record
   Record ID: 1419
     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	K14OK-D	D14	LD	CP	EL DORADO, AR	BLANK0000193269	244.1 km
No	KYHT-LD	D14	LD	CP	LAKE CHARLES, LA	BLANK0000054614	320.8
No	KYHT-LD	D14	LD	LIC	LAKE CHARLES, LA	BLANK0000164378	320.8
No	WDBD	D14	DT	LIC	JACKSON, MS	BLANK0000064020	446.7
No	KOCY-LD	D14z	LD	LIC	OKLAHOMA CITY, OK	BLANK0000178645	395.5
No	KTUL	D14	DT	CP	TULSA, OK	BLANK0000170605	393.2
No	KXLK-CD	D14	DC	LIC	AUSTIN, TX	BLANK0000116332	346.5
No	KXLK-CD	D14	DC	LIC	AUSTIN, TX	BLANK0000123233	346.5
No	K14TL-D	D14	LD	CP	BEAUMONT, TX	BNPDTL20090825AYS	280.8
No	K14TB-D	D14	LD	CP	COLLEGE STATION, TX	BLANK0000116855	223.3
Yes	KERA-TV	D14	DT	LIC	DALLAS, TX	BLEDT20140903AFQ	171.7
No	KVQT-LD	D14	LD	LIC	HOUSTON, TX	BLANK0000163581	322.5
No	KWTC-LD	D14-	LD	LIC	KERRVILLE, TX	BLANK0000036258	427.2
Yes	KIBN-LD	D14	LD	LIC	LUFKIN, TX	BLANK0000001197	125.8
Yes	K14QT-D	D14	LD	LIC	TEXARKANA, TX	BLANK0000081887	145.8
No	K10PL-D	D14	LD	CP	VICTORIA, TX	BLANK0000054196	427.1
No	K15AA-D	D15	LD	LIC	HUGO, OK	BLDTT20100226AFI	174.9
No	KRHD-CD	D15	DC	LIC	BRYAN, TX	BLANK0000108095	227.2
No	DKEID-LD	D15	LD	LIC	LUFKIN, TX	BLANK0000001090	129.0
Yes	KYTX	D15	DT	LIC	NACOGDOCHES, TX	BLANK0000071581	61.1

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 15.70 N (NAD83)
  Longitude:  95  7 50.30 W
Height AMSL: 223.5 m
       HAAT: 0.0 m
   Peak ERP: 15.0 kW
    Antenna: PSI OI slot 162.0 deg
Elev Pattrn: Generic
  Elec Tilt: 0.50
```

48.7 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	7.27 kW	111.2 m	42.9 km
45.0	6.15	109.9	42.0

90.0	8.91	103.3	43.1
135.0	13.8	84.5	42.9
180.0	14.5	85.3	43.2
225.0	9.95	89.4	42.0
270.0	6.29	98.6	40.9
315.0	6.99	105.7	42.2

Database HAAT does not agree with computed HAAT
Database HAAT: 0 m Computed HAAT: 98 m

Distance to Canadian border: 1492.2 km

Distance to Mexican border: 647.3 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 BLANK0000189333 ----

Proposal receives 4.04% interference from scenario 1
No IX check failures found.