tvstudy v2.2.5 (4uoc83)
Database: localhost, Study: KKTM-LP Current License, Model: Longley-Rice
Start: 2018.04.19 10:45:49

Study created: 2018.04.19 10:45:49

Study build station data: LMS TV 2018-04-18

    Proposal: KKTM-LP N17+ TX LIC ALTUS, OK
 File number: KKTM-LP Current License
 Facility ID: 130241
Station data: User record
   Record ID: 1800
     Country: U.S.

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
No	K16JG-D	D16	LD	CP	CLINTON, OK	BNPDTL20100406ACF	107.1 km
No	K49GC	D16+	LD	APP	LAWTON, OK	BLANK0000029991	78.7
No	KOCM	D16	DT	CP	NORMAN, OK	BLANK0000034483	196.6
No	K16IR-D	D16	LD	LIC	SAYRE, OK	BLDTT20100802BAA	66.3
No	K43KU-D	D16	LD	APP	SEILING, OK	BLANK0000031262	164.8
No	K48DD-D	D16	LD	APP	CHILDRESS, TX	BLANK0000052120	85.7
No	KPTB-DT	D16	DT	LIC	LUBBOCK, TX	BLCDT20090210AFA	258.9
No	KPTS	D17	LD	LIC	HUTCHINSON, KS	BLEDT20131106AHP	393.8
No	KTEN	D17	DT	CP	ADA, OK	BLANK0000034216	256.1
No	K17ID-D	D17	LD	LIC	CHEROKEE & ALVA, OK	BLDTT20101007ABF	248.1
No	K49KK-D	D17	LD	APP	ELK CITY, OK	BLANK0000029979	79.6
No	K17JN-D	D17	LD	CP	ENID, OK	BLANK0000030100	230.4
No	K17JN-D	D17	LD	LIC	ENID, OK	BLDTL20140224ACG	239.9
No	KUTU-CD	D17	DC	CP	TULSA, OK	BLANK0000026567	346.1
No	K17HI-D	D17	LD	LIC	AMARILLO, TX	BLDTL20090401ABY	235.4
No	KNCT	D17	DT	CP	BELTON, TX	BLANK0000028609	436.5
No	KIDU-LD	D17	LD	LIC	BROWNWOOD, TX	BLDTT20110428AAH	308.8
No	K17DS-D	D17	LD	LIC	CLARENDON, TX	BLDTT20091008AAY	148.6
No	K40FJ	D17+	LD	APP	MIDLAND, TX	BLANK0000029849	380.1
No	K17LB-D	D17	LD	LIC	PERRYTON, TX	BLDTT20120622ADJ	211.2
No	K17LE-D	D17	LD	CP	RANGER, TX	BMJADTL20100524AGL	239.5
No	NEW	D17	LD	APP	SAN ANGELO, TX	BMJADTL20100524ABE	369.3
No	K17KS-D	D17	LD	CP	SHAMROCK, TX	BNPDTL20100416ABJ	103.8
No	KPCB-DT	D17	DT	LIC	SNYDER, TX	BLCDT20090210AFB	252.4
No	K17KJ-D	D17	LD	CP	TAHOKA, TX	BNPDTL20100323AIQ	293.0
No	K17KK-D	D17	LD	CP	TULIA, TX	BNPDTL20100324ADN	224.6
No	K18JO-D	D18	LD	CP	CLINTON, OK	BNPDTL20100406ACG	107.1
No	K18IZ-D	D18	LD	LIC	GRANDFIELD, OK	BLDTT20111003ANW	74.0
No	K18HX-D	D18	LD	LIC	HOLLIS, OK	BLDTT20100802AZL	44.8
No	KOPX-TV	D18	DT	CP	OKLAHOMA CITY, OK	BLANK0000026989	198.4
No	K47LB-D	D18	LD	APP	SEILING, OK	BLANK0000031254	164.8
No	K39JH-D	D18	LD	APP	STRONG CITY, OK	BLANK0000029935	128.8
No	K50CQ-D	D18	LD	APP	CHILDRESS, TX	BLANK0000052121	85.7
No	K25IC	N25+	TX	LIC	LAWTON, OK	BLTTL20070212ACG	86.8

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

    Channel: N17+
   Latitude: 34 38 34.20 N (NAD83)
  Longitude: 99 20 2.30 W
Height AMSL: 460.1 m
       HAAT: 0.0 m
   Peak ERP: 0.212 kW
    Antenna: NIC-BKU45 (ID 67555) 45.0 deg
Elev Pattrn: Generic

72.0 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	0.017 kW	21.8 m	1.9 km
45.0	0.166	30.2	3.3
90.0	0.143	51.9	4.1
135.0	0.011	58.9	2.3
180.0	0.001	47.1	2.1
225.0	0.001	51.8	2.1
270.0	0.001	40.8	2.1
315.0	0.001	33.2	2.1

Database HAAT does not agree with computed HAAT
Database HAAT: 0 m Computed HAAT: 42 m

Distance to Canadian border: 1595.8 km

Distance to Mexican border: 575.2 km

Conditions at FCC monitoring station: Grand Island NE
Bearing: 6.2 degrees Distance: 702.5 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 321.2 degrees Distance: 800.3 km

No land mobile station failures found

Proposal is not within the Offshore Radio Service protected area

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%

Interference to proposal scenario 1
8.79% interference received

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KKTM-LP	N17+	TX	LIC	ALTUS, OK	KKTM-LP Current Licens	
Undesireds:	KTEN	D17	DT	CP	ADA, OK	BLANK0000034216	256.1 km
	K17JN-D	D17	LD	CP	ENID, OK	BLANK0000030100	230.4

Service area		Terrain-limited		IX-free		Percent IX	
24.1	13,999	24.1	13,999	19.1	12,769	20.84	8.79

Undesired	Total IX		Unique IX		Prcnt Unique IX	
KTEN D17 DT CP	5.0	1,230	5.0	1,230	20.84	8.79