

tvstudy v2.2.5 (4uoc83)

Database: localhost, Study: KBZC-DISP20\_7Kw, Model: Longley-Rice

Start: 2019.05.31 13:14:46

Study created: 2019.05.31 13:14:46

Study build station data: LMS TV 2019-05-30

Proposal: KBZC-LD D42 LD LIC ENID, OK

File number: KBZC-DISP20\_7Kw

Facility ID: 188841

Station data: User record

Record ID: 2032

Country: U.S.

Build options:

Protect pre-transition records not on baseline channel

Search options:

Non-U.S. records included

All records for new LPTV stations excluded

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
No	KEGG-LP	N35+	TX	LIC	MCALESTER, OK	BLTT20051017ABG	171.3 km
No	K41LZ-D	D41	LD	CP	ELK CITY, OK	BNPDTL20100406ACJ	175.5
No	K41NI-D	D41	LD	CP	GERONIMO, OK	BNPDTL20100510AKX	152.7
No	K42LD-D	D42	LD	CP	MULBERRY, AR	BNPDTL20100504AMH	311.3

No	K42LP-D	D42	LD CP	WILSON, KS	BNPDTL20100514AHO	369.3
No	KSHB-TV	D42	DT LIC	KANSAS CITY, MO	BLCDT20110421AAQ	457.7
No	K42LM-D	D42	LD CP	GERONIMO, OK	BNPDTL20100510AKY	152.7
No	KPXD-TV	D42	DT LIC	ARLINGTON, TX	BLCDT20091022ACM	343.0
No	K42CF-D	D42	LD LIC	GRUVER, TX	BLDTT20100827AAM	357.7
No	K42AL-D	D42	LD LIC	MEMPHIS, TX	BLDTT20100402ACT	296.2
No	K43OL-D	D43	LD CP	DICKSON, OK	BNPDTL20100510ANB	165.7
No	K43LK-D	D43	LD LIC	LAWTON, OK	BLDTL20090713ACU	131.2
No	K49GC	N49+	TX LIC	LAWTON, OK	BLTT20011109AAL	137.9

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D42

Mask: Full Service

Latitude: 35 35 52.10 N (NAD83)

Longitude: 97 29 23.20 W

Height AMSL: 435.9 m

HAAT: 0.0 m

Peak ERP: 7.00 kW

Antenna: Omnidirectional

Elev Pattn: Generic

51.4 dBu contour:

Azimuth	ERP	HAAT	Distance
---------	-----	------	----------

0.0 deg	7.00 kW	84.3 m	36.6 km
---------	---------	--------	---------

45.0	7.00	105.6	39.2
90.0	7.00	98.7	38.4
135.0	7.00	83.4	36.4
180.0	7.00	79.1	35.8
225.0	7.00	58.6	32.7
270.0	7.00	86.0	36.8
315.0	7.00	101.3	38.7

Database HAAT does not agree with computed HAAT

Database HAAT: 0 m    Computed HAAT: 87 m

Distance to Canadian border: 1428.5 km

Distance to Mexican border: 743.7 km

Conditions at FCC monitoring station: Grand Island NE

Bearing: 352.4 degrees    Distance: 597.5 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:

Bearing: 308.8 degrees    Distance: 844.0 km

Study cell size: 0.50 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%

---

Interference to proposal scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KBZC-LD	D42	LD	LIC	ENID, OK	KBZC-DISP20_7Kw	

	Service area		Terrain-limited		IX-free		Percent IX
	4325.4	965,672	4266.4	965,167	4266.4	965,167	0.00 0.00