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Study build station data: LMS TV 2018-04-07

Proposal: KFVT-LD D29 (D23) LD APP WICHITA, KS

File number: KFVT-DISP

Facility ID: 38217

Station data: User record

Record ID: 796

Country: U.S.

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
No	K15CN	N15z	TX	LIC	SALINA, KS	BLTTL19880714IH	115.2 km
No	KWKD-LP	N28+	TX	LIC	WICHITA, KS	BLTT20050801AHP	21.3
No	KWKD-LP	D28	LD	CP	WICHITA, KS	BDFCDTL20101025AAU	0.0
No	K28JX-D	D28	LD	LIC	ALVA - CHEROKEE, OK	BLDTT20101007ABK	145.3
No	KTPX-TV	D28	DT	LIC	OKMULGEE, OK	BLCDT20020510AAQ	251.6
No	K38AK-D	D28	LD	APP	PONCA CITY, OK	BLANK0000029429	125.4
No	K29KW-D	D29	LD	CP	FORT SMITH, AR	BLANK0000008509	348.7
No	KWOG	D29	DT	CP	SPRINGDALE, AR	BLANK0000034581	338.1
No	KWOG	D29	DT	LIC	SPRINGDALE, AR	BLANK0000049027	338.1
No	KSAS-LP	D29	LD	LIC	DODGE CITY, KS	BLDTL20140106DOA	222.8
No	K29JU-D	D29	LD	CP	GARDEN CITY, KS	BNPDTL20100108ADI	289.0
No	K29KL-D	D29	LD	CP	INDEPENDENCE, KS	BLANK0000030455	228.2
Yes	KHDS-LD	D29	LD	APP	SALINA, KS	BLANK0000029047	116.3
Yes	KMBC-TV	D29	DT	LIC	KANSAS CITY, MO	BLCDT20090618ACY	298.2
No	KXVO	D29	DT	CP	OMAHA, NE	BLANK0000034544	380.3

Yes	KTUZ-TV	D29	DT LIC	SHAWNEE, OK	BLCDT20081105ACO	249.0
No	K29HY-D	D29	LD LIC	STRONG CITY, OK	BLDTT20100521AED	289.8
No	KTZT-CD	D29	DC CP	TULSA, OK	BLANK0000036113	228.0
No	KTZT-CD	D29	DC LIC	TULSA, OK	BLDTA20120430AEA	228.0
No	K29JY-D	D29	LD CP	VIAN, OK	BNPDTL20100504ALZ	350.1
No	K29HZ-D	D29	LD LIC	WOODWARD, ETC., OK	BLDTT20101007ABM	207.2
No	K29BR-D	D29	LD LIC	CANADIAN, TX	BLDTT20100520ADC	316.4
No	K30LZ-D	D30	LD CP	FORT RILEY, KS	BNPDTL20100510AFK	158.7
No	KGBD-LD	D30	LD LIC	GREAT BEND, KS	BLDTL20121217ACU	124.5
No	K30LK-D	D30	LD CP	SALINA, KS	BNPDTL20100419ACL	116.4
No	KSMI-LD	D30	LD LIC	WICHITA, KS	BLANK0000011260	0.0
No	KSMI-LD	D30	LD CP	WICHITA, KS	BDISDTL20111219ADQ	0.0
No	K30AE-D	D30	LD LIC	ALVA, OK	BLDTT20091229ACW	145.1
No	K46LF-D	D30	LD APP	TULSA, OK	BLANK0000048993	228.5
No	KOTV-DT	D30	LD LIC	TULSA, OK	BLCDT20120817ACF	170.7

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D29

Mask: Full Service

Latitude: 37 48 0.70 N (NAD83)

Longitude: 97 31 30.20 W

Height AMSL: 700.7 m

HAAT: 0.0 m

Peak ERP: 15.0 kW

Antenna: Omnidirectional

Elev Pattn: Generic

Elec Tilt: 0.75

50.2 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	17.1 kW	277.7 m	55.8 km
45.0	17.1	284.2	56.2
90.0	17.1	291.1	56.6
135.0	17.1	291.0	56.6
180.0	17.1	278.8	55.9
225.0	17.1	258.9	54.7
270.0	17.1	260.8	54.8
315.0	17.1	272.5	55.5

Database HAAT does not agree with computed HAAT

Database HAAT: 0 m Computed HAAT: 277 m

Distance to Canadian border: 1228.5 km

Distance to Mexican border: 961.3 km

Conditions at FCC monitoring station: Grand Island NE

Bearing: 347.7 degrees Distance: 355.6 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:

Bearing: 293.6 degrees Distance: 713.3 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.