

Study created: 2017.08.21 11:59:55
Study build station data: LMS TV 2017-05-25 (3)
Proposal: K48KE-D D28 (D48) LD LIC BUFFALO, OK
File number: BLDTT20091228AEL
Facility ID: 50192
Station data: User record
Record ID: 337
Country: U.S.

Stations potentially affected:

Call	Chan	Svc Status	City, State	File Number	Distance
KFOR-TV	D27	DT LIC	OKLAHOMA CITY, OK	BLCDDT20050701ABR	236.1 km
K27JO-D	D27	LD LIC	STRONG CITY, OK	BLDTT20100521AEE	105.9
K28NC-D	D28	LD CP	BURLINGTON, CO	BNPDTL20100514AFR	367.0
K28ND-D	D28	LD CP	COLBY, KS	BNPDTL20100514AGM	298.2
K28NE-D	D28	LD CP	HAYS, KS	BNPDTL20100514AHB	238.0
KWKD-LP	N28+	TX LIC	WICHITA, KS	BLTT20050801AHP	237.9
KWKD-LP	D28	LD CP	WICHITA, KS	BDFCDTL20101025AAU	227.5
K28JX-D	D28	LD LIC	ALVA - CHEROKEE, OK	BLDTT20101007ABK	103.2
K28LR-D	D28	LD CP	ERICK, OK	BNPDTL20100406ACK	167.9
K28GI-D	D28	LD LIC	GUYMON, OK	BLDTT20111227ACE	155.9
KTPX-TV	D28	DT LIC	OKMULGEE, OK	BLCDDT20020510AAQ	336.9
KEAM-LD	D28	LD LIC	AMARILLO, TX	BLDTL20121231ALQ	255.1
KFMP-LP	D28+	LD CP	LUBBOCK, TX	BLANK0000011027	406.2
DKTGB-LP	D28	LD APP	LUBBOCK, TX	BDISDTL20090902AAH	399.6
K28LT-D	D28	LD CP	TULIA, TX	BNPDTL20100324ADO	309.0
K28KV-D	D28	LD LIC	TURKEY, TX	BLDTT20101115FOE	288.3
KFDX-TV	D28	DT LIC	WICHITA FALLS, TX	BLCDDT20090205ABU	332.6
KSAS-LP	D29	LD LIC	DODGE CITY, KS	BLDTL20140106DOA	120.6
K29JU-D	D29	LD CP	GARDEN CITY, KS	GARDEN CITY, KS	167.4
KTUZ-TV	D29	DT LIC	SHAWNEE, OK	BLCDDT20081105ACO	238.7
K29HY-D	D29	LD LIC	STRONG CITY, OK	BLDTT20100521AED	105.9

K29HZ-D	D29	LD LIC	WOODWARD, ETC., OK	BLDTT20101007ABM	43.2
K29BR-D	D29	LD LIC	CANADIAN, TX	BLDTT20100520ADC	92.9

Cannot run AM station check, missing parameters

Record parameters as studied:

Channel: D28

Mask: Stringent

Latitude: 36 43 46.00 N (NAD83)

Longitude: 99 43 0.00 W

Height AMSL: 763.8 m

HAAT: 0.0 m

Peak ERP: 12.0 kW

Antenna: Omnidirectional

50.1 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	12.0	170.9 m	48.0 km
45.0	12.0	178.1	48.4
90.0	12.0	152.9	46.8
135.0	12.0	112.5	43.9
180.0	12.0	106.2	43.3
225.0	12.0	111.4	43.8
270.0	12.0	90.1	41.4
315.0	12.0	109.3	43.6

Database HAAT does not agree with computed HAAT

Database HAAT: 0 m Computed HAAT: 129 m

Distance to Canadian border: 1363.8 km

Distance to Mexican border: 787.3 km

Conditions at FCC monitoring station: Grand Island NE

Bearing: 13.1 degrees Distance: 479.2 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:

Bearing: 309.8 degrees Distance: 609.7 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.