

Study created: 2018.05.19 18:21:25

Study build station data: LMS TV 2018-05-18 (1)

Proposal: K45IO-D D15 LD LIC KANSAS CITY, MO

File number: BLDTL20101216ACW

Facility ID: 49176

Station data: User record

Record ID: 2

Country: U.S.

Stations potentially affected:

Call	Chan	Svc	Status	City, State	File Number	Distance
K14PX-D	D14	LD	CP	PAXICO, KS	BNPDTL20100514AIA	143.9 km
K14NX-D	D14	LD	CP	PITTSBURG, KS	BNPDTL20100106AGD	182.3
K14PQ-D	D14	LD	CP	SAINT JOSEPH, MO	BNPDTL20100902ABK	130.2
KHOG-TV	D15	DT	LIC	FAYETTEVILLE, AR	BLCDT20020904AAX	336.3
KYOU-TV	D15	DT	LIC	OTTUMWA, IA	BLANK0000001581	325.0
WSEC	D15	DT	LIC	JACKSONVILLE, IL	BLEDT20031031ADN	389.5
WICS	D15	DT	CP	SPRINGFIELD, IL	BLANK00000034386	442.4
K15IJ-D	D15	LD	CP	PITTSBURG, KS	BNPDTL20100106AGE	182.3
K15CN	N15z	TX	LIC	SALINA, KS	BLTTL19880714IH	268.3
K15CN	D15	LD	CP	SALINA, KS	BMPDTL20121022AAF	221.2

KSNW	D15	DT	CP	WICHITA, KS	BLANK0000034801	295.9
K15DD-D	D15	LD	LIC	WICHITA, KS	BLDTL20110331AHX	285.4
KPOB-TV	D15	DT	LIC	POPLAR BLUFF, MO	BLCDT20090623ABU	433.3
KNPN-LD	D15	LD	APP	SAINT JOSEPH, MO	BLANK0000052550	85.6
KMOS-TV	D15	DT	LIC	SEDALIA, MO	BLEDT20030108ABK	149.2
KSPR-LD	D15	LD	LIC	SPRINGFIELD, MO	BLDTL20150120AHZ	230.2
K38HD-D	D15	LD	APP	ST. LOUIS, MO	BLANK0000036804	373.3
K15JK-D	D15	LD	CP	BEATRICE / FAIRBURY, NE	BNPDTL20100201AAL	247.1
KIUA-LD	D15	LD	CP	LINCOLN, NE	BLANK0000014090	359.2
KFXL-TV	D15	DT	LIC	LINCOLN, NE	BLANK0000001045	274.5
KFXL-TV	D15	DT	APP	LINCOLN, NE	BLANK0000035803	260.8
K16IS-D	D16	LD	CP	PITTSBURG, KS	BNPDTL20100106AGF	182.3
KTKA-TV	D16	DT	CP	TOPEKA, KS	BLANK0000034844	121.2
KAJF-LD	D16	LD	LIC	Kansas City, MO	BLANK0000007777	0.9
KNPG-LD	D16	LD	LIC	SAINT JOSEPH, MO	BLDTL20130307ABQ	85.6
KOZK	D16	DT	CP	SPRINGFIELD, MO	BLANK0000034615	247.6

No non-directional AM stations found within 0.8 km

Directional AM stations within 3.2 km:

KCCV 760 L DA2 D OVERLAND PARK, KS BL20060720AEI

KCCV 760 L DA2 N OVERLAND PARK, KS BL20060720AEI

KMBZ 980 L DAN D KANSAS CITY, MO BMML20171214ABX

KMBZ 980 L DAN N KANSAS CITY, MO BMML20171214ABX

Record parameters as studied:

Channel: D15

Mask: Full Service

Latitude: 39 1 19.90 N (NAD83)

Longitude: 94 30 49.70 W

Height AMSL: 491.1 m

HAAT: 0.0 m

Peak ERP: 15.0 kW

Antenna: Jampro Heart pattern 13 240.0 deg

48.8 dBu contour:

Azimuth	ERP	HAAT	Distance
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0.0 deg	0.013 kW	248.2 m	18.6 km
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45.0	0.013	202.3	16.6
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90.0	0.013	225.8	17.6
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135.0	0.013	201.1	16.5
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180.0	2.40	195.4	42.7
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225.0	14.0	216.5	52.9
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270.0 14.7 201.9 52.3

315.0 0.122 227.9 28.9

Database HAAT does not agree with computed HAAT

Database HAAT: 0 m Computed HAAT: 215 m

Distance to Canadian border: 1016.0 km

Distance to Mexican border: 1205.9 km

Conditions at FCC monitoring station: Grand Island NE

Bearing: 303.6 degrees Distance: 394.7 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:

Bearing: 281.0 degrees Distance: 925.2 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%

No IX check failures found.