



Kessler and Gehman Associates
Consultants • Broadcast • Wireless

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Study build station data: LMS TV 2019-05-01

Proposal: KSNW D15 DT CP WICHITA, KS
File number: BLANK0000034801
Facility ID: 72358
Station data: User record
Record ID: 2100
Country: U.S.
Zone: II

Search options:

Non-U.S. records included

Baseline record excluded if station has CP

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
No	KOCW	D14	DT	LIC	HOISINGTON, KS	BLCDT20090622AFO	150.5 km
No	KGEB	D14	DT	BL	TULSA, OK	DTVBL24485	237.2
Yes	KHOG-TV	D15	DT	LIC	FAYETTEVILLE, AR	BLCDT20020904AAX	362.2
No	KMOS-TV	D15	DT	LIC	SEDALIA, MO	BLEDT20030108ABK	416.8
Yes	KFXL-TV	D15	DT	LIC	LINCOLN, NE	BLANK0000001045	349.7
Yes	KFXL-TV	D15	DT	CP	LINCOLN, NE	BLANK0000035803	337.3
Yes	KTBO-TV	D15	DT	LIC	OKLAHOMA CITY, OK	BLCDT20111028AAX	244.3
No	KCIT	D15	DT	LIC	AMARILLO, TX	BLANK0000004834	470.0
No	KJTL	D15	DT	LIC	WICHITA FALLS, TX	BLCDT20090303ACS	411.8
Yes	KOOD	D16	DT	LIC	HAYS, KS	BLEDT20030423ABE	153.9
No	KTCA-TV	D16	DT	CP	TOPEKA, KS	BLANK0000034844	196.8
No	KOCM	D16	DT	LIC	NORMAN, OK	BLANK0000072046	246.1
No	KWHB	D16	DT	LIC	TULSA, OK	BLANK0000067852	237.2

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D15
Latitude: 37 46 26.00 N (NAD83)
Longitude: 97 30 53.00 W
Height AMSL: 735.1 m
HAAT: 312.8 m
Peak ERP: 650 kW
Antenna: TFU-20GTH/VP-R 06 0.0 deg
Elev Pattn: Generic
Elec Tilt: 0.75

38.8 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	650 kW	314.4 m	99.1 km
45.0	650	321.2	99.7
90.0	650	327.9	100.4
135.0	650	328.7	100.5
180.0	650	315.6	99.2
225.0	650	295.2	96.9
270.0	650	292.4	96.5
315.0	650	306.8	98.2

Distance to Canadian border: 1231.2 km

Distance to Mexican border: 959.0 km

Conditions at FCC monitoring station: Grand Island NE
Bearing: 347.6 degrees Distance: 358.7 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 293.7 degrees Distance: 715.3 km

No land mobile station failures found

Study cell size: 2.00 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.