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Study build station data: LMS TV 2018-03-21

Proposal: K46LF-D D30 LD LIC TULSA, OK
File number: Displacement to chan 30
Facility ID: 61018
Station data: User record
Record ID: 102
Country: U.S.

Build options:
Protect pre-transition records not on baseline channel

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
No	K29KW-D	D29	LD	CP	FORT SMITH, AR	BLANK0000008509	161.9 km
No	KWOG	D29	DT	CP	SPRINGDALE, AR	BLANK0000034581	152.0
No	K29KL-D	D29	LD	CP	INDEPENDENCE, KS	BLANK0000030455	133.1
No	KTUZ-TV	D29	DT	LIC	SHAWNEE, OK	BLCDT20081105ACO	149.8
Yes	KTZT-CD	D29	DC	CP	TULSA, OK	BLANK0000036113	0.5
Yes	KTZT-CD	D29	DC	LIC	TULSA, OK	BLDTA20120430AEA	0.5
No	K29JY-D	D29	LD	CP	VIAN, OK	BNPDTL20100504ALZ	124.7
Yes	KEGW-LD	D30	LD	LIC	FAYETTEVILLE, AR	BLANK0000033769	161.9
No	KLRT-TV	D30	DT	LIC	LITTLE ROCK, AR	BLCDT20020507AAK	350.5
No	K30LZ-D	D30	LD	CP	FORT RILEY, KS	BNPDTL20100510AFK	329.5
No	KGBD-LD	D30	LD	LIC	GREAT BEND, KS	BLDTL20121217ACU	348.1
No	K30AL-D	D30	LD	LIC	IOLA, KS	BLDTT20090226ABD	210.1
No	K30NO-D	D30	LD	CP	PAXICO, KS	BNPDTL20100514AIC	325.1
No	K30LK-D	D30	LD	CP	SALINA, KS	BNPDTL20100419ACL	333.6
No	KSMI-LD	D30	LD	LIC	WICHITA, KS	BLANK0000011260	228.4
No	KSMI-LD	D30	LD	CP	WICHITA, KS	BDISDTL20111219ADQ	228.4
No	KCLJ-LP	D30	LD	CP	JOPLIN/CARTHAGE, MO	BDFCDTA20100813CAI	174.5
No	KCLJ-LP	N30z	TX	LIC	JOPLIN/CARTHAGE, MO	BLTTA20050506ACG	174.5
No	KPXE-TV	D30	DT	LIC	KANSAS CITY, MO	BLANK0000001701	344.7
No	K30AE-D	D30	LD	LIC	ALVA, OK	BLDTT20091229ACW	240.2
No	K30MS-D	D30	LD	CP	ARDMORE, OK	BNPDTL20100930ARR	235.2
No	K30LI-D	D30	LD	CP	CLINTON, OK	BNPDTL20100406ACH	269.5
No	K30MR-D	D30	LD	CP	LAWTON, OK	BNPDTL20100930ARF	292.3
No	K30JP-D	D30	LD	LIC	SAYRE, OK	BLDTT20100802AZZ	354.1
Yes	KOTV-DT	D30	LD	LIC	TULSA, OK	BLCDT20120817ACF	91.7
No	KMPX	D30	DT	LIC	DECATUR, TX	BLCDT20060317AGE	405.9
No	K30EA	N30-	TX	LIC	TEXARKANA, TX	BLTTL19950412IB	348.8
No	K30LD-D	D30	LD	LIC	WICHITA FALLS, TX	BLDTL20110406ABU	337.7

No	KWBM	D31	DT	APP	HARRISON, AR	BLANK00000036086	269.0
No	KWBM	D31	DT	LIC	HARRISON, AR	BLCDT20091201ASC	269.0
No	KWNL-CD	D31	DC	LIC	WINSLOW, AR	BLANK00000004282	161.9
No	KWNL-CD	D31	DC	CP	WINSLOW, AR	BLANK00000035862	161.9
No	KDCU-DT	D31	DT	LIC	DERBY, KS	BLCDT20090821AAM	228.4
Yes	KOET	D31	DT	LIC	EUFAULA, OK	BLEDT20060601BJT	122.5
No	KOHC-CD	D31	DC	CP	OKLAHOMA CITY, OK	BLANK00000034836	158.0
No	KLHO-LD	D31	LD	LIC	OKLAHOMA CITY, OK	BLDTL20110112ADF	158.4

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D30
 Mask: Full Service
 Latitude: 36 9 1.90 N (NAD83)
 Longitude: 95 59 26.50 W
 Height AMSL: 352.0 m
 HAAT: 0.0 m
 Peak ERP: 15.0 kW
 Antenna: PSI PSILP16AWR-30 Elliptical 185.0 deg
 Elev Pattn: Generic
 Elec Tilt: 1.00

50.3 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	0.234 kW	143.7 m	25.8 km
45.0	2.65	158.7	39.2
90.0	10.2	139.9	44.9
135.0	14.4	128.8	45.8
180.0	13.5	152.7	47.2
225.0	13.8	114.2	44.6
270.0	12.3	131.0	45.2
315.0	4.06	106.8	37.7

Database HAAT does not agree with computed HAAT

Database HAAT: 0 m Computed HAAT: 134 m

Distance to Canadian border: 1282.0 km

Distance to Mexican border: 869.9 km

Conditions at FCC monitoring station: Grand Island NE

Bearing: 339.0 degrees Distance: 571.1 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:

Bearing: 301.4 degrees Distance: 919.2 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.