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Study build station data: LMS TV 2018-08-26

Proposal: K47HO-D D30 LD APP SHREVEPORT, LA

File number: BLANK0000049128

Facility ID: 61056

Station data: User record

Record ID: 30

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	KJEP-LP	N23-	TX	LIC	NASHVILLE, AR	BLTTL19960111AE	163.8 km
No	KZTE-LD	D29	LD	CP	FULTON, AR	BLANK0000054183	107.1
No	K45IM-D	D29	LD	APP	MONROE, LA	BLANK0000054924	158.2
No	KITU-TV	D29	DT	CP	BEAUMONT, TX	BLANK0000028179	257.7
No	KFXL-LD	D29	LD	LIC	LUFKIN, TX	BLDTL20121127ADL	157.0
No	KBJE-LD	D29	LD	CP	TYLER, TX	BPDTL20150220AAU	152.6
No	KBJE-LD	D29	LD	LIC	TYLER, TX	BLDTL20140305AJV	142.1
No	K30NH-D	D30	LD	CP	EL DORADO, AR	BNPDTL20101020AAQ	131.5
No	KLRT-TV	D30	DT	LIC	LITTLE ROCK, AR	BLCDT20020507AAK	282.1
No	K47DW-D	D30	LD	APP	ALEXANDRIA, LA	BLANK0000054159	184.9
No	WLFT-CD	D30	DC	LIC	BATON ROUGE, LA	BLDTA20110912ACB	348.2
No	KXKW-LD	D30	LD	APP	LAFAYETTE, LA	BLANK0000053054	293.9

Yes	KVHP	D30	DT LIC	LAKE CHARLES, LA	BLCDT20090127AAE	245.5
No	WLBT	D30	DT LIC	JACKSON, MS	BLCDT20100119AEE	319.2
No	W06DD	D30z	LD LIC	NATCHEZ, MS	BLTTL20060103ABY	245.7
No	K30MS-D	D30	LD CP	ARDMORE, OK	BNPDTL20100930ARR	357.4
No	NEW	D30	LD APP	BRYAN, TX	BNPDTL20090825BQB	321.5
No	NEW	D30	LD APP	COLLEGE STATION, TX	BNPDTL20090825AWA	309.3
No	KMPX	D30	DT LIC	DECATUR, TX	BLCDT20060317AGE	300.3
No	KCVH-LD	D30	LD LIC	HOUSTON, TX	BLDTL20130513ABR	365.7
No	KHTX-LP	N30-	TX LIC	HUNTSVILLE, TX	BLTTL19980813JD	256.5
No	KPLE-CD	D30	DC CP	KILLEEN, TX	BPDTA20130211ACF	407.4
No	KXLN-DT	D30	DT CP	ROSENBERG, TX	BLANK0000034317	365.7
No	K30EA	N30-	TX LIC	TEXARKANA, TX	BLTTL19950412IB	108.3
Yes	K30EA	D30	LD CP	TEXARKANA, TX	BDFCDTL20120221AAD	70.8
No	KKPD-LD	D30	LD CP	TYLER, TX	BLANK0000001075	152.6
No	KKPD-LD	D30	LD LIC	TYLER, TX	BLDTL20140305AJW	142.1
No	KLAX-TV	D31	DT LIC	ALEXANDRIA, LA	BLCDT20090622AGN	154.1
No	K31HO-D	D31	LD LIC	SHREVEPORT, LA	BLDTL20120831AAD	24.8
No	KFXK-TV	D31	DT LIC	LONGVIEW, TX	BLCDT20060705AAW	114.3

Non-directional AM stations within 0.8 km:

KRMD 1340 L ND2 D SHREVEPORT, LA BL20140116ADT

KRMD 1340 L ND2 N SHREVEPORT, LA BL20140116ADT

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D30

Mask: Full Service

Latitude: 32 29 36.50 N (NAD83)

Longitude: 93 45 55.60 W

Height AMSL: 160.2 m

HAAT: 0.0 m

Peak ERP: 15.0 kW

Antenna: PSI-PSILP16AWR-30-EP (ID 1002916) 150.0 deg

Elev Pattn: PSI LP 16 bay slot

Elec Tilt: 1.00

50.3 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	1.09 kW	109.1 m	31.2 km
45.0	8.21	109.3	41.5
90.0	15.0	110.4	44.6
135.0	13.3	112.7	44.2
180.0	13.4	104.1	43.4
225.0	13.8	93.4	42.3
270.0	5.77	100.8	38.9
315.0	0.338	95.0	23.6

Database HAAT does not agree with computed HAAT

Database HAAT: 0 m Computed HAAT: 104 m

Distance to Canadian border: 1405.6 km

Distance to Mexican border: 759.6 km

Conditions at FCC monitoring station: Kingsville TX

Bearing: 216.3 degrees Distance: 687.2 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:

Bearing: 312.8 degrees Distance: 1329.1 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.