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Study build station data: LMS TV 2023-11-16

Proposal: K30QR-D D30 LD LIC BRYAN, TX  
File number: BLANK0000218839  
Facility ID: 181615  
Station data: User record  
Record ID: 1585  
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	KITU-TV	D29	DT	LIC	BEAUMONT, TX	BLANK0000063643	246.4 km
No	KYLE-TV	D29	DT	LIC	BRYAN, TX	BLANK00000116951	3.1
No	KDTN	D29	DT	LIC	DENTON, TX	BLANK00000168781	220.7
No	KHPX-CD	D29	DC	LIC	GEORGETOWN, TX	BLANK00000120825	119.1
No	KEHO-LD	D29	LD	LIC	HOUSTON, TX	BLANK00000193288	148.4
No	KHTX-LD	D29	LD	CP	HUNTSVILLE, TX	BLANK00000195652	90.0
No	KCTL-LD	D29	LD	CP	LIVINGSTON, TX	BLANK00000197266	128.6
No	KFXL-LD	D29	LD	LIC	LUFKIN, TX	BLDTL20121127ADL	175.6
No	KPTD-LP	D29	LD	LIC	PARIS, TX	BLANK00000152446	220.7
No	KENS	D29	DT	LIC	SAN ANTONIO, TX	BLANK00000074877	235.8
No	K290H-D	D29	LD	CP	Victoria, TX	BLANK00000222201	219.2
No	K290H-D	D29	LD	LIC	Victoria, TX	BLANK00000199542	208.7
No	K30QG-D	D30	LD	LIC	ALEXANDRIA, LA	BLANK00000086776	385.0
No	K30QV-D	D30	LD	LIC	DERIDDER, LA	BLANK00000194776	303.8
No	KXKW-LD	D30	LD	LIC	LAFAYETTE, LA	BLANK00000166791	428.0
No	KVPO-LD	N30-	TX	LIC	SHREVEPORT, LA	BLTTL19950412IB	378.1
No	K30QB-D	D30	LD	LIC	SHREVEPORT, LA	BLANK00000068681	323.3
No	KTAB-TV	D30	DT	LIC	ABILENE, TX	BLANK00000145912	351.0
No	KQSY-LD	D30	LD	LIC	CORPUS CHRISTI, TX	BLANK00000119697	336.6
No	KMPX	D30	DT	LIC	DECATUR, TX	BLCDDT20060317AGE	220.5
No	KPLE-CD	D30	DC	LIC	KILLEEN, TX	BLDTL20090416ASY	135.0
No	KPLE-CD	D30	DC	CP	KILLEEN, TX	BPDTA20130211ACF	135.0
Yes	KXLN-DT	D30	DT	LIC	ROSENBERG, TX	BLANK00000166964	150.0
No	KABB	D30	DT	LIC	SAN ANTONIO, TX	BLANK00000191507	234.6
No	KKPD-LD	D30	LD	LIC	TYLER, TX	BLANK00000188075	203.6
No	DKVHM-LP	D30	LD	APP	VICTORIA, TX	BLANK00000001270	217.9
No	KBVO-CD	D31	DC	LIC	AUSTIN, TX	BLANK00000121392	137.6
No	KUBE-TV	D31	DT	LIC	BAYTOWN, TX	BLANK00000072353	149.2
No	KHXL-LD	D31-	LD	APP	HUNTSVILLE, TX	BLANK00000005630	75.2
No	KAZD	D31	DT	LIC	LAKE DALLAS, TX	BLANK00000125085	220.4

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: 30 39 39.70 N (NAD83)  
Longitude: 96 25 0.10 W  
Height AMSL: 200.8 m

HAAT: 0.0 m  
Peak ERP: 15.0 kW  
Antenna: IRTE 1230 EC 4P 130.0 deg  
Elev Pattn: Generic  
Elec Tilt: 0.50

50.3 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	0.011 kW	94.2 m	10.0 km
45.0	0.035	101.4	13.7
90.0	4.75	108.3	38.7
135.0	14.3	103.5	43.7
180.0	2.56	123.7	36.8
225.0	0.009	127.8	10.9
270.0	0.015	123.6	12.3
315.0	0.037	113.2	14.8

Database HAAT does not agree with computed HAAT  
Database HAAT: 0 m    Computed HAAT: 112 m

Distance to Canadian border: 1722.6 km

Distance to Mexican border: 445.4 km

Conditions at FCC monitoring station: Kingsville TX  
Bearing: 202.1 degrees    Distance: 385.2 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:  
Bearing: 325.3 degrees    Distance: 1318.3 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%

---- Below is IX received by proposal BLANK0000218839 ----

Proposal receives 4.70% interference from scenario 1  
No IX check failures found.