

Study created: 2019.09.26 11:04:55

Study build station data: LMS TV 2019-09-26

Proposal: K47NC-D D29 LD CP LAFAYETTE, LA
File number: BLANK0000051599
Facility ID: 184066
Station data: User record
Record ID: 282
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	KATC	D28	DT	LIC	LAFAYETTE, LA	BLCDT20071109AAV	97.2 km
No	KNLD-LD	D28	LD	LIC	NEW ORLEANS, LA	BLDTL20100312ABM	128.6
No	KNLD-LD	D28	LD	CP	NEW ORLEANS, LA	BDFCDTL20100201ADQ	128.6
No	WFBD	D29	DT	CP	DESTIN, FL	BLANK0000027353	442.0
No	K29NX-D	D29	LD	CP	ALEXANDRIA, LA	BLANK0000072038	144.1
No	K45IM-D	D29	LD	CP	MONROE, LA	BLANK0000054924	270.5
Yes	WVUE-DT	D29	DT	LIC	NEW ORLEANS, LA	BLCDT20110502AEC	134.1
No	W29EB-D	D29	LD	CP	SULPHUR, LA	BNPDTL20100407ABJ	209.9
No	W45AA-D	D29	LD	CP	COLUMBIA, MS	BLANK0000053265	173.0
No	W29FH-D	D29	LD	CP	GREENVILLE, MS	BLANK0000071970	345.1
No	KITU-TV	D29	DT	LIC	BEAUMONT, TX	BLANK0000063643	253.1
No	KEHO-LD	D29	LD	LIC	HOUSTON, TX	BLANK0000072198	385.1
No	KHTX-LD	D29	LD	CP	HUNTSVILLE, TX	BLANK0000052730	404.2
No	KCTL-LD	D29	LD	CP	LIVINGSTON, TX	BLANK0000051766	369.2
No	KFXL-LD	D29	LD	LIC	LUFKIN, TX	BLDTL20121127ADL	352.5
No	K47DW-D	D30	LD	CP	ALEXANDRIA, LA	BLANK0000064143	152.6
No	WLFT-CD	D30	DC	LIC	BATON ROUGE, LA	BLDTA20110912ACB	22.1
No	KFOL-CD	D30	DC	LIC	HOUMA, LA	BLDTA20100111AGW	97.6
No	KXKW-LD	D30	LD	CP	LAFAYETTE, LA	BLANK0000053054	65.9
No	WLBT	D30	DT	LIC	JACKSON, MS	BLCDT20100119AEE	226.4
No	W06DD	N30z	TX	LIC	NATCHEZ, MS	BLTTL20060103ABY	140.3
No	W36AC	N36z	TX	LIC	MCCOMB, MS	BLTTL19890613II	135.4

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D29
Mask: Full Service
Latitude: 30 19 34.60 N (NAD83)
Longitude: 91 16 36.10 W
Height AMSL: 116.5 m
HAAT: 0.0 m
Peak ERP: 15.0 kW
Antenna: PSILP8WL 320.0 deg
Elev Pattn: Generic
Elec Tilt: 0.50

50.2 dBU contour:
Azimuth ERP HAAT Distance

0.0 deg	13.5 kW	112.5 m	44.4 km
45.0	4.70	109.0	38.8
90.0	0.384	109.7	25.9
135.0	0.513	111.1	27.6
180.0	0.337	113.5	25.6
225.0	2.97	115.0	37.0
270.0	12.2	114.4	44.0
315.0	15.0	114.1	45.1

Database HAAT does not agree with computed HAAT

Database HAAT: 0 m Computed HAAT: 112 m

Distance to Canadian border: 1477.4 km

Distance to Mexican border: 734.8 km

Conditions at FCC monitoring station: Kingsville TX

Bearing: 245.1 degrees Distance: 718.3 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:

Bearing: 314.5 degrees Distance: 1666.2 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%

---- Below is IX received by proposal BLANK0000051599 ----

Proposal receives 22.54% interference from scenario 1

No IX check failures found.