

Study created: 2018.05.23 18:32:02

Study build station data: LMS TV 2018-05-23 (68)

Proposal: W48DW-D D31 LD LIC BATON ROUGE, LA
File number: BLDTL20120525AEC
Facility ID: 67896
Station data: User record
Record ID: 1670
Country: U.S.

Build options:

Protect pre-transition records not on baseline channel
Protect baseline records from LPTV

Search options:

Non-U.S. records included

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
No	WSTY-LP	N23-	TX	LIC	HAMMOND, LA	BLTTL19990104JE	79.6 km
No	K47DW-D	D30	LD	APP	ALEXANDRIA, LA	BLANK0000054159	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	APP	LAFAYETTE, LA	BLANK0000053054	65.9
No	KVHP	D30	DT	LIC	LAKE CHARLES, LA	BLCDT20090127AAE	220.7
No	WLBT	D30	DT	LIC	JACKSON, MS	BLCDT20100119AEE	226.4
No	W06DD	N30z	TX	LIC	NATCHEZ, MS	BLTTL20060103ABY	140.3
No	WPAN	D31	DT	BL	FORT WALTON BEACH, FL	DTVBL31570	410.9
No	WSRE	D31	DT	LIC	PENSACOLA, FL	BLEDT20060621AAS	352.9
Yes	KLAX-TV	D31	DT	LIC	ALEXANDRIA, LA	BLCDT20090622AGN	183.6
No	KAGN-CD	D31	DC	LIC	CROWLEY, LA	BLANK0000001651	105.6
No	W31DQ-D	D31	LD	CP	LAKE CHARLES, LA	BNPDTL20100407ABN	189.5
No	KNOV-CD	D31	DC	CP	NEW ORLEANS, LA	BLANK0000034454	123.2
Yes	WLAE-TV	D31	DT	LIC	NEW ORLEANS, LA	BLEDT20090205AAL	132.9
No	KNOV-CD	D31	DC	BL	NEW ORLEANS, LA	DTVBL64048	123.2
No	K31HO-D	D31	LD	LIC	SHREVEPORT, LA	BLDTL20120831AAD	362.0
No	W31EA-D	D31	LD	CP	VINTON, LA	BNPDTL20100407AAU	225.0
No	W31DZ-D	D31	LD	LIC	CLARKSDALE, MS	BLANK0000013969	317.1
No	WGBC	D31	DT	APP	MERIDIAN, MS	BLANK0000035926	331.2
No	WGBC	D31	DT	LIC	MERIDIAN, MS	BLCDT20071024AAK	331.2
No	KUBE-TV	D31	DT	CP	BAYTOWN, TX	BLANK0000034465	416.3
No	KUBE-TV	D31	DT	BL	BAYTOWN, TX	DTVBL70492	416.3
No	KFXK-TV	D31	DT	LIC	LONGVIEW, TX	BLCDT20060705AAW	409.8
Yes	WBXH-CD	D32	DC	CP	BATON ROUGE, LA	BLANK0000034154	15.9

Yes	WBXH-CD	D32	DC	BL	BATON ROUGE, LA	DTVBL51806	15.9
No	W32EC-D	D32	LD	CP	IOWA, LA	BNPDTL20100407ABY	160.4
No	KXKW-LD	D32	LD	CP	LAFAYETTE, LA	BPDTL20110830ABR	65.9
No	KXKW-LD	D32	LD	LIC	LAFAYETTE, LA	BLDTT20090318AAS	65.9
No	WLOX	D32	DT	CP	BILOXI, MS	BLANK0000034159	213.9
No	WLOX	D32	DT	BL	BILOXI, MS	DTVBL13995	213.8
No	K39JV	N39z	TX	LIC	OPELOUSAS, LA	BLTT20071011ABI	88.6

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D31
 Mask: Full Service
 Latitude: 30 19 34.60 N (NAD83)
 Longitude: 91 16 36.10 W
 Height AMSL: 306.7 m
 HAAT: 0.0 m
 Peak ERP: 15.0 kW
 Antenna: AND-ALP12WR (ID 16494) 90.0 deg
 Elev Pattn: Generic
 Elec Tilt: 1.00

50.4 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	11.4 kW	302.7 m	54.8 km
45.0	14.2	299.2	55.8
90.0	13.5	299.9	55.6
135.0	14.2	301.3	55.9
180.0	11.4	303.7	54.8
225.0	3.26	305.2	48.2
270.0	0.185	304.6	32.4
315.0	3.26	304.3	48.2

Database HAAT does not agree with computed HAAT

Database HAAT: 0 m Computed HAAT: 303 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 BLDTL20120525AEC ----

Proposal receives 8.46% interference from scenario 1

No IX check failures found.