

FIGURE 3 - WRUG-LD CP MOD - FCC TVSTUDY SUMMARY REPORT

NOTE: TERRAIN PROFILE SPACING OF 0.1 KM USED (REQUESTED)

Study build station data: LMS TV 2024-01-08

Proposal: WRUG-LD D26 LD APP Baton Rouge, LA

File number: WRUG CP MOD

Facility ID: 190207

Station data: User record

Record ID: 719

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	K25PZ-D	D25	LD	LIC	ALEXANDRIA, LA	BLANK0000149500	157.9 km
No	WLPB-TV	D25	DT	CP	BATON ROUGE, LA	BLANK0000225883	19.4
No	WLPB-TV	D25	DT	LIC	BATON ROUGE, LA	BLEDT20101201ALR	19.4
No	WXXV-TV	D25	DT	LIC	GULFPORT, MS	BLANK0000090276	190.2
No	WEDS-LD	D26	LD	LIC	MOBILE, AL	BLANK0000193624	304.6
No	KBCA	D26	DT	LIC	ALEXANDRIA, LA	BLANK0000078715	163.7
Yes	WGNO	D26	DT	LIC	NEW ORLEANS, LA	BLANK0000204141	113.6
No	W26BB-D	D26	LD	LIC	VICKSBURG, MS	BLANK0000194567	216.5
No	W26BB-D	N26+	TX	LIC	VICKSBURG, MS	BLTTL19940527JF	216.4
No	KRIV	D26	DT	LIC	HOUSTON, TX	BLANK0000210740	441.8
No	KULC-LD	D26	LD	LIC	PORT ARTHUR, TX	BLANK0000224990	285.3
No	KTAL-TV	D26	DT	LIC	TEXARKANA, TX	BLANK0000192877	395.8
No	DKWCE-LP	N27-	TX	APP	ALEXANDRIA, LA	BLTTL20060714ACI	165.7
No	K27NB-D	D27	LD	LIC	BATON ROUGE, LA	BLANK0000103489	27.6
No	WWL-TV	D27	DT	LIC	NEW ORLEANS, LA	BLANK0000203662	109.1

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D26

Mask: Full Service

Latitude: 30 25 4.60 N (NAD83)

Longitude: 91 0 31.70 W

Height AMSL: 71.9 m

HAAT: 0.0 m

Peak ERP: 8.35 kW

Antenna: PSI-PSILP12AER (ID 20349) 294.0 deg

Elev Pattnr: Generic

50.0 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	6.91 kW	57.6 m	34.0 km
45.0	2.25	59.6	28.9
90.0	0.051	64.0	12.3
135.0	0.058	66.2	12.8
180.0	1.99	66.9	29.4
225.0	6.64	64.9	35.0
270.0	8.35	61.1	35.5
315.0	8.35	57.0	34.8

Database HAAT does not agree with computed HAAT

Database HAAT: 0 m Computed HAAT: 62 m

Distance to Canadian border: 1456.5 km

Distance to Mexican border: 761.1 km

Conditions at FCC monitoring station: Powder Springs GA

Bearing: 55.4 degrees Distance: 704.4 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:

Bearing: 313.8 degrees Distance: 1677.5 km

Study cell size: 1.00 km

Profile point spacing: 0.10 km

Maximum new IX to full-service and Class A: 0.50%

Maximum new IX to LPTV: 2.00%

Proposal causes 0.47% interference to BLANK0000204141 LIC scenario 2

---- Below is IX received by proposal WRUG CP MOD ----

Proposal receives 4.61% interference from scenario 1

Proposal receives 2.41% interference from scenario 2

No IX check failures found.