

FIGURE 3 - FCC TVSTUDY SUMMARY REPORT

CELL SIZE 1 KM

PROFILE SPACING 0.1

Study build station data: LMS TV 2023-02-20

Proposal: WRUG-LD D26 LD APP Baton Rouge, LA
 File number: WRUG APP FINAL PSI
 Facility ID: 190207
 Station data: User record
 Record ID: 685
 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	152.8 km
No	WLPB-TV	D25	DT	CP	BATON ROUGE, LA	BLANK0000035855	10.4
No	WLPB-TV	D25	DT	LIC	BATON ROUGE, LA	BLEDT20101201ALR	10.4
No	WXXV-TV	D25	DT	LIC	GULFPORT, MS	BLANK0000090276	199.3
No	WEDS-LD	D26	LD	LIC	MOBILE, AL	BLANK0000193624	313.1
Yes	KBCA	D26	DT	LIC	ALEXANDRIA, LA	BLANK0000078715	157.7
Yes	WGNO	D26	DT	LIC	NEW ORLEANS, LA	BLANK0000204141	119.1
No	W26BB-D	D26	LD	LIC	VICKSBURG, MS	BLANK0000194567	222.1
No	W26BB-D	N26+	TX	LIC	VICKSBURG, MS	BLTTL19940527JF	222.1
No	KRIV	D26	DT	LIC	HOUSTON, TX	BLANK0000210740	432.7
No	KULC-LD	D26	LD	CP	PORT ARTHUR, TX	BLANK0000199498	276.3
No	KULC-LD	D26	LD	LIC	PORT ARTHUR, TX	BLANK0000198508	276.3
No	KTAL-TV	D26	DT	LIC	TEXARKANA, TX	BLANK0000192877	393.5
No	DKWCE-LP	N27-	TX	APP	ALEXANDRIA, LA	BLTTL20060714ACI	162.3
Yes	K27NB-D	D27	LD	LIC	BATON ROUGE, LA	BLANK0000103489	18.2
No	WWL-TV	D27	DT	LIC	NEW ORLEANS, LA	BLANK0000203662	114.0

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 22 25.90 N (NAD83)
 Longitude: 91 5 44.20 W
 Height AMSL: 74.0 m
 HAAT: 0.0 m
 Peak ERP: 15.0 kW
 Antenna: PSI-PSILP12AER (ID 20349) 285.0 deg
 Elev Pattn: Generic
 Elec Tilt: 1.00

50.0 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	10.9 kW	59.8 m	36.6 km
45.0	2.75	63.2	30.4
90.0	0.183	67.5	17.4
135.0	0.067	70.6	13.7
180.0	4.99	69.8	34.4
225.0	13.4	67.6	38.8
270.0	15.0	67.6	39.4
315.0	15.0	63.3	38.7

Database HAAT does not agree with computed HAAT
 Database HAAT: 0 m Computed HAAT: 66 m

Distance to Canadian border: 1464.7 km
 Distance to Mexican border: 751.5 km

Conditions at FCC monitoring station: Powder Springs GA
 Bearing: 55.5 degrees Distance: 714.0 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
 Bearing: 314.1 degrees Distance: 1674.9 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 no interference to BLANK0000078715 LIC

Proposal causes 0.46% interference to BLANK0000204141 LIC scenario 2

Proposal causes 1.82% interference to BLANK0000103489 LIC scenario 1

---- Below is IX received by proposal WRUG APP FINAL PSI ----

Proposal receives 18.69% interference from scenario 1

Proposal receives 11.41% interference from scenario 2

No IX check failures found.