

tvstudy v2.2.5 (4uoc83)
Database: localhost, Study: WEDS-LD ANT CHG, Model: Longley-Rice
Start: 2022.06.14 09:50:01

Study created: 2022.06.14 09:50:01

Study build station data: LMS TV 2022-06-10

Proposal: WEDS-LD D26 LD LIC MOBILE, AL
File number: WEDS-LD ANT CHG
Facility ID: 182836
Station data: User record
Record ID: 852
Country: U.S.

Build options:
Protect pre-transition records not on baseline channel

Search options:
Non-U.S. records included
Baseline record excluded if station has CP

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
No	DWKN-LP	N25-	TX	APP	ANDALUSIA, AL	BLTTTL20050131AAD	165.5 km
No	WAKA	D25	DT	LIC	SELMA, AL	BLANK0000081489	212.5
No	WAWD	D25	DT	LIC	FORT WALTON BEACH, FL	BLANK0000088510	92.4
No	WXXV-TV	D25	DT	LIC	GULFPORT, MS	BLANK0000090276	121.6
No	WGEI-LD	D26	LD	LIC	ENTERPRISE, AL	BLANK0000014108	247.7
No	WTJP-TV	D26	DT	LIC	GADSDEN, AL	BLCDT20110304ACB	394.7
No	W26FE-D	D26	LD	LIC	MONTGOMERY, AL	BLANK0000178731	258.9
No	WBIF	D26	DT	LIC	MARIANNA, FL	BLANK0000190006	231.6
No	DW26BV	N26-	TX	APP	PANAMA CITY, FL	BLTTTL20001201ABZ	115.7
No	W26FH-D	D26	LD	CP	TALLAHASSEE, FL	BLANK0000071875	338.5
No	WDRJ-LD	D26	LD	LIC	ALBANY, GA	BLANK0000179071	369.6
No	WYBU-CD	D26	DC	LIC	COLUMBUS, GA	BLANK0000117350	344.7
No	WGXA	D26	DT	LIC	MACON, GA	BLANK0000074961	477.5
No	KBCA	D26	DT	LIC	ALEXANDRIA, LA	BLANK0000078715	460.9
No	WRUG-LD	D26	LD	LIC	Baton rouge, LA	BLANK0000162879	304.2
No	WGNO	D26	DT	LIC	NEW ORLEANS, LA	BLCDT20121019AAK	212.1
No	W26BB	D26	LD	CP	VICKSBURG, MS	BDFCDTL20090818ABI	354.7
No	W26BB	N26+	TX	LIC	VICKSBURG, MS	BLTTTL19940527JF	354.6
No	WFNA	D27	DT	LIC	GULF SHORES, AL	BLANK0000120977	25.2
No	WWBH-LD	N27	TX	LIC	MOBILE, AL	BLTTTL19931029II	25.7
No	WAIQ	D27	DT	LIC	MONTGOMERY, AL	BLEDT20060706ACK	258.5
No	W27EP-D	D27	LD	LIC	DESTIN, FL	BLANK0000177339	130.9
No	W27EO-D	D27	LD	LIC	PANAMA CITY, FL	BLANK0000157414	218.2
No	WWL-TV	D27	DT	LIC	NEW ORLEANS, LA	BLANK0000109373	221.0
No	W27EH-D	D27z	LD	LIC	HATTIESBURG, MS	BLANK0000158095	169.4

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D26
Mask: Full Service
Latitude: 30 27 43.20 N (NAD83)
Longitude: 87 49 50.30 W
Height AMSL: 112.5 m
HAAT: 0.0 m
Peak ERP: 15.0 kW
Antenna: SWR SWEDL8OI/26 343.0 deg
Elev Pattn: Generic
Elec Tilt: 0.50

50.0 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	14.4 kW	79.4 m	41.0 km
45.0	9.59	84.5	39.7
90.0	5.00	82.6	36.3
135.0	5.52	95.2	38.4
180.0	5.83	111.5	40.4
225.0	4.73	106.1	38.9
270.0	8.36	104.9	41.6
315.0	13.8	95.5	43.0

Database HAAT does not agree with computed HAAT

Database HAAT: 0 m Computed HAAT: 95 m

Distance to Canadian border: 1328.9 km

Distance to Mexican border: 1020.2 km

Conditions at FCC monitoring station: Powder Springs GA

Bearing: 36.9 degrees Distance: 477.7 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:

Bearing: 309.1 degrees Distance: 1902.9 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%

Interference to proposal scenario 1

12.42% interference received

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WEDS-LD	D26	LD	LIC	MOBILE, AL	WEDS-LD ANT CHG	
Undesireds:	WFNA	D27	DT	LIC	GULF SHORES, AL	BLANK0000120977	25.2 km
Service area		Terrain-limited		IX-free		Percent IX	
5011.2	411,689	5009.2		410,260	3940.5	359,295	21.34 12.42
Undesired		Total IX		Unique IX		Prcnt Unique IX	
WFNA D27 DT LIC		1068.7		50,965	1068.7	50,965	21.34 12.42