

Study created: 2022.07.19 10:11:10

Study build station data: LMS TV 2022-06-29

Proposal: WGVN-LD D26 LD CP GAINESVILLE, FL
File number: BLANK0000140066
Facility ID: 125809
Station data: User record
Record ID: 2087
Country: U.S.

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
No	DW23AQ	N23-	TX	APP	LAKE CITY, FL	BLTT19931215JE	58.7 km
No	WJXE-LD	D25	LD	LIC	GAINESVILLE, FL	BLANK0000068976	99.1
No	WFEF-LD	D25	LD	LIC	Orlando, FL	BLANK0000067989	157.6
No	WJGV-CD	D25	DC	LIC	PALATKA, FL	BLDTA20110519ACL	68.7
No	WFTT-TV	D25	DT	LIC	VENICE, FL	BLANK0000001148	213.8
No	WGEI-LD	D26	LD	LIC	ENTERPRISE, AL	BLANK0000014108	331.9
No	WXAX-CD	D26	DC	LIC	CLEARWATER, FL	BLANK0000158053	210.7
Yes	W26DP-D	D26	LD	LIC	INVERNESS, FL	BLDTT20100122AAL	94.6
Yes	W45BZ	D26+	LD	CP	JACKSONVILLE, FL	BLANK0000054939	99.0
No	WBIF	D26	DT	LIC	MARIANNA, FL	BLANK0000190006	301.2
No	WLRN-TV	D26	DT	LIC	MIAMI, FL	BLANK0000123106	470.1
No	WHDN-CD	D26	DC	CP	NAPLES, FL	BLANK0000159121	363.3
No	WHDN-CD	D26	DC	LIC	NAPLES, FL	BLANK0000001626	397.2
No	W26FI-D	D26	LD	CP	OKEECHOBEE, FL	BLANK0000071804	271.5
No	W26FI-D	D26	LD	APP	OKEECHOBEE, FL	BLANK0000149833	267.0
Yes	WKMG-TV	D26	DT	LIC	ORLANDO, FL	BLANK0000149963	179.9
No	WSNN-LD	D26	LD	LIC	SARASOTA, FL	BLANK0000059117	266.8
No	W26FH-D	D26	LD	CP	TALLAHASSEE, FL	BLANK0000071875	200.3
No	WDRJ-LD	D26	LD	LIC	ALBANY, GA	BLANK0000179071	271.9
No	WYBU-CD	D26	DC	LIC	COLUMBUS, GA	BLANK0000117350	395.4
No	WGXA	D26	DT	LIC	MACON, GA	BLANK0000074961	352.6
No	W26FJ-D	D26	LD	CP	VALDOSTA, GA	BNPDTL20090825CAF	150.4
No	WTGS	D26	DT	LIC	HARDEEVILLE, SC	BLANK0000112289	275.1
No	WOCD-LD	D27	LD	LIC	DUNNELLON, FL	BLANK0000154197	74.9
No	WOCD-LD	D27	LD	CP	DUNNELLON, FL	BLANK0000188883	71.1
No	WOCD-LD	N27-	TX	LIC	DUNNELLON, FL	BLTTL20090331AEX	75.3
No	WYME-CD	D27	DC	LIC	GAINESVILLE, FL	BLANK0000098965	21.8
No	WWRJ-LD	D27	LD	LIC	JACKSONVILLE, FL	BLANK0000149999	93.4
No	WWRJ-LD	D27	LD	CP	JACKSONVILLE, FL	BLANK0000150180	99.0

No	WWRJ-LD	N27-	TX	LIC	JACKSONVILLE, FL	BLTTL20140115AAF	93.4
No	WRDQ	D27	DT	LIC	ORLANDO, FL	BLANK0000149085	183.5
No	WTXL-TV	D27	DT	LIC	TALLAHASSEE, FL	BLCDT20090217ABY	183.8
No	WTBT-LD	D27	LD	LIC	TAMPA, FL	BLANK0000179693	210.7
No	WTBZ-LD	N29z	TX	LIC	GAINESVILLE, FL	BLTTL20050907ABX	39.1
No	WXCK-LD	N33	TX	LIC	CHIEFLAND, FL	BLTTL19960415IC	50.4

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: 29 44 24.00 N (NAD83)
 Longitude: 82 23 11.70 W
 Height AMSL: 175.0 m
 HAAT: 0.0 m
 Peak ERP: 15.0 kW
 Antenna: Omnidirectional
 Elev Pattn: Generic

50.0 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	15.0 kW	132.4 m	46.7 km
45.0	15.0	132.8	46.7
90.0	15.0	126.2	46.3
135.0	15.0	125.9	46.3
180.0	15.0	140.9	47.3
225.0	15.0	135.1	46.9
270.0	15.0	136.7	47.0
315.0	15.0	134.7	46.9

Database HAAT does not agree with computed HAAT
 Database HAAT: 0 m Computed HAAT: 133 m

Distance to Canadian border: 1326.8 km

Distance to Mexican border: 1487.4 km

Conditions at FCC monitoring station: Vero Beach FL
 Bearing: 143.8 degrees Distance: 292.3 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:

Bearing: 305.3 degrees Distance: 2369.4 km

Study cell size: 1.00 km

Profile point spacing: 0.20 km

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

Maximum new IX to LPTV: 2.00%

No IX check failures found.