

Study created: 2021.03.18 07:17:34

Study build station data: LMS TV 2021-03-17

Proposal: WGVN-LD D26 LD APP GAINESVILLE, FL  
File number: BLANK0000140066  
Facility ID: 125809  
Station data: User record  
Record ID: 598  
Country: U.S.

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
No	W23AQ	N23-	TX	LIC	LAKE CITY, FL	BLTT19931215JE	58.7 km
No	WJXE-LD	D25	LD	LIC	GAINESVILLE, FL	BLANK0000068976	99.1
No	W25EX-D	D25	LD	CP	GREENVILLE, FL	BNPDTL20100513AEX	135.6
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	BLANK0000001619	210.7
No	WXAX-CD	D26	DC	CP	CLEARWATER, FL	BLANK0000127534	210.7
No	W26DP-D	D26	LD	LIC	INVERNESS, FL	BLDTT20100122AAL	94.6
No	W45BZ	D26+	LD	CP	JACKSONVILLE, FL	BLANK0000054939	99.0
No	W26EB-D	D26	LD	CP	JENNINGS, FL	BNPDTL20100510ACD	118.3
No	WBIF	D26	DT	LIC	MARIANNA, FL	BLANK0000072044	301.2
No	WLRN-TV	D26	DT	LIC	MIAMI, FL	BLANK0000123106	470.1
No	WHDN-CD	D26	DC	CP	NAPLES, FL	BLANK0000003751	397.3
No	WHDN-CD	D26	DC	LIC	NAPLES, FL	BLANK0000001626	397.2
No	W26FI-D	D26	LD	CP	OKEECHOBEE, FL	BLANK0000071804	271.5
Yes	WKMG-TV	D26	DT	LIC	ORLANDO, FL	BLANK0000126256	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	CP	ALBANY, GA	BLANK0000074429	252.6
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	WOCN-LP	D27	LD	CP	DUNNELLON, FL	BLANK0000135224	74.9
No	WOCN-LP	N27-	TX	LIC	DUNNELLON, FL	BLTTL20090331AEX	75.3
No	WYME-CD	D27	DC	LIC	GAINESVILLE, FL	BLANK0000098965	21.8
No	WWRJ-LP	N27-	TX	LIC	JACKSONVILLE, FL	BLTTL20140115AAF	93.4

No	WWRJ-LP	D27	LD	CP	JACKSONVILLE, FL	BDFCDTL20091020AAX	99.0
No	WRDQ	D27	DT	LIC	ORLANDO, FL	BLCDT20111011AJM	183.5
No	WTXL-TV	D27	DT	LIC	TALLAHASSEE, FL	BLCDT20090217ABY	183.8
No	WTBZ-LP	N29z	TX	LIC	GAINESVILLE, FL	BLTTL20050907ABX	39.1
No	WXCK-LP	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: SWR-SWLP8MC SPECIAL (ID 81222) 155.0 deg  
 Elev Pattn: Generic

50.0 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	0.337 kW	132.4 m	27.3 km
45.0	0.337	132.8	27.4
90.0	0.600	126.2	29.9
135.0	11.6	125.9	45.0
180.0	10.1	140.9	45.3
225.0	0.337	135.1	27.5
270.0	0.337	136.7	27.6
315.0	0.337	134.7	27.5

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: 0.10 km

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

Maximum new IX to LPTV: 2.00%

No IX check failures found.