

Study created: 2019.10.24 14:38:53

Study build station data: LMS TV 2019-10-23

Proposal: WXOD-LD D8 LD CP WABASSO, FL
File number: BLANK0000064874
Facility ID: 183693
Station data: User record
Record ID: 19
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	WACX	D7	DT	CP	LEESBURG, FL	
	BLANK0000064381	195.0	km			
No	WFGC	D7	DT	CP	PALM BEACH, FL	
	BLANK0000034361	29.3				
No	WFLA-TV	D7	DT	LIC	TAMPA, FL	
	BLANK0000055437	224.7				
No	WNBW-DT	D8	DT	CP	GAINESVILLE, FL	
	BLANK0000034476	372.4				
No	WGEN-TV	D8	DT	LIC	KEY WEST, FL	
	BLC DT20090619ACO	319.0				
No	W08ED-D	D8	LD	LIC	MARATHON, FL	
	BLDVL20120203AAN	262.4				
No	WGEN-LD	D8	LD	CP	MIAMI, FL	
	BLANK0000053957	139.1				
No	WVFW-LD	D8	LD	CP	MIAMI, FL	
	BLANK0000071666	115.5				
No	WOFT-LD	D8	LD	LIC	Orlando, FL	
	BLANK0000013855	195.0				
No	WTBT-LD	D8	LD	CP	TAMPA, FL	
	BLANK0000054671	223.6				
Yes	WSVN	D9	DT	LIC	MIAMI, FL	
	BLANK0000071627	117.7				
No	WDGT-LD	D9	LD	LIC	MIAMI, FL	
	BLDVL20141014AAW	118.6				
No	WFLA-TV	D9	DT	CP	TAMPA, FL	
	BLANK0000082152	224.7				

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D8
Mask: Full Service
Latitude: 27 1 32.00 N (NAD83)

Longitude: 80 10 41.90 W
Height AMSL: 274.0 m
HAAT: 0.0 m
Peak ERP: 3.00 kW
Antenna: KAT-2X2 (ID 1004508) 260.0 deg
Elev Pattn: Generic
Elec Tilt: 1.00

48.0 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	0.402 kW	269.9 m	46.0 km
45.0	0.056	272.6	32.1
90.0	0.017	272.6	25.2
135.0	0.045	272.1	30.6
180.0	1.21	269.7	53.8
225.0	1.74	268.2	56.3
270.0	2.41	268.3	58.6
315.0	2.35	270.8	58.6

Database HAAT does not agree with computed HAAT
Database HAAT: 0 m Computed HAAT: 271 m

Distance to Canadian border: 1641.0 km

Distance to Mexican border: 1668.6 km

Conditions at FCC monitoring station: Vero Beach FL
Bearing: 325.2 degrees Distance: 78.7 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 308.7 degrees Distance: 2723.4 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%

Proposal causes 0.16% interference to BLANK0000071627 LIC scenario 1

---- Below is IX received by proposal BLANK0000064874 ----

Proposal receives 5.74% interference from scenario 1
No IX check failures found.