

Study created: 2019.10.04 15:21:35 JMc

Study build station data: LMS TV 2019-10-04

Proposal: WBKH-LD D27 LD CP TAMPA, FL  
File number: BLANK0000001734  
Facility ID: 191138  
Station data: User record  
Record ID: 316  
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
Yes	WXAX-CD	D26	DC	LIC	CLEARWATER, FL	BLANK0000001619	3.1 km
No	WGVF-LD	D26	LD	LIC	GAINESVILLE, FL	BLDTL20080605AAQ	213.8
No	W26DP-D	D26	LD	LIC	INVERNESS, FL	BLDTT20100122AAL	119.5
No	WHDN-CD	D26	DC	CP	NAPLES, FL	BLANK0000003751	185.2
No	WHDN-CD	D26	DC	LIC	NAPLES, FL	BLANK0000001626	185.1
No	W26FI-D	D26	LD	CP	OKEECHOBEE, FL	BLANK00000071804	93.4
No	WKMG-TV	D26	DT	APP	ORLANDO, FL	BLANK00000035777	146.8
No	WKMG-TV	D26	DT	LIC	ORLANDO, FL	BLCDDT20090618ABB	146.8
No	WSNN-LD	D26	LD	LIC	SARASOTA, FL	BLANK00000059117	56.9
No	WOCD-LP	N27-	TX	LIC	DUNNELLON, FL	BLTTL20090331AEX	146.7
No	WOCD-LP	D27	LD	CP	DUNNELLON, FL	BDFCDTL20110315ACE	103.4
No	WLZE-LD	D27	LD	CP	FORT MYERS, FL	BLANK00000073401	123.5
No	WYME-CD	D27	DC	CP	GAINESVILLE, FL	BLANK00000082102	203.5
No	WVRJ-LP	N27-	TX	LIC	JACKSONVILLE, FL	BLTTL20140115AAF	283.8
No	WVRJ-LP	D27	LD	CP	JACKSONVILLE, FL	BDFCDTL20091020AAX	281.7
No	WGZT-LP	N27	TX	LIC	KEY WEST, FL	BLTTL20030804AAH	366.1
No	WSFL-TV	D27	DT	LIC	MIAMI, FL	BLANK00000070454	288.4
No	WRDQ	D27	DT	LIC	ORLANDO, FL	BLCDDT20111011AJM	144.6
No	W27EO-D	D27	LD	CP	PANAMA CITY, FL	BLANK00000072010	413.0
No	WTXL-TV	D27	DT	LIC	TALLAHASSEE, FL	BLCDDT20090217ABY	357.4
No	WGFL	D28	DT	LIC	HIGH SPRINGS, FL	BLCDDT20060714ABC	203.5
Yes	WZVN-TV	D28	DT	CP	NAPLES, FL	BLANK00000068173	121.1
No	WRBW	D28	DT	CP	ORLANDO, FL	BLANK00000064099	144.3
No	WDT0-LD	D28	LD	LIC	ORLANDO, FL	BLDTL20130802ABO	143.7
No	WTAM-LD	D28	LD	LIC	TAMPA, FL	BLDTL20100416AAS	0.0

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D27  
Mask: Full Service  
Latitude: 27 49 10.80 N (NAD83)  
Longitude: 82 15 38.00 W  
Height AMSL: 172.0 m  
HAAT: 0.0 m  
Peak ERP: 15.0 kW  
Antenna: PSI BBUHF 2X2 240.0 deg  
Elev Pattn: Generic  
Elec Tilt: 0.50

50.0 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	0.257 kW	151.6 m	27.1 km
45.0	0.000	155.2	2.1
90.0	0.000	148.8	2.1
135.0	1.01	138.6	33.3
180.0	13.0	143.1	46.6
225.0	9.16	153.3	45.6
270.0	9.91	162.4	46.6
315.0	6.42	161.0	44.3

Database HAAT does not agree with computed HAAT  
Database HAAT: 0 m    Computed HAAT: 152 m

Distance to Canadian border: 1540.2 km

Distance to Mexican border: 1467.0 km

Conditions at FCC monitoring station: Vero Beach FL  
Bearing: 98.1 degrees    Distance: 161.7 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:  
Bearing: 309.0 degrees    Distance: 2508.0 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%

---- Below is IX received by proposal BLANK00000001734 ----

Proposal receives 47.41% interference from scenario 1  
No IX check failures found.