

Study created: 2021.06.07 14:37:37

Study build station data: LMS TV 2021-05-27

Proposal: W25ER-D D25 LD CP VERO BEACH, FL
File number: BNPDTL20100723AHA
Facility ID: 187849
Station data: User record
Record ID: 895
Country: U.S.

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
No	WAMI-DT	D24	DT	LIC	HOLLYWOOD, FL	BLANK0000068250	185.3 km
No	WDSC-TV	D24	DT	LIC	NEW SMYRNA BEACH, FL	BLANK0000090505	123.0
No	WWSB	D24	DT	CP	SARASOTA, FL	BLANK0000035646	187.4
No	WWSB	D24	DT	LIC	SARASOTA, FL	BLCDT20090612AAG	187.1
No	WBEC-TV	D25	DT	LIC	BOCA RATON, FL	BLANK0000064037	185.3
No	WJXE-LD	D25	LD	LIC	GAINESVILLE, FL	BLANK0000068976	312.4
No	W25DQ	D25	LD	CP	KEY WEST, FL	BLANK0000071671	358.2
No	W25DQ	N25	TX	LIC	KEY WEST, FL	BLTTL20060425ABS	358.2
No	WFEF-LD	D25	LD	LIC	Orlando, FL	BLANK0000067989	143.0
No	WJGV-CD	D25	DC	LIC	PALATKA, FL	BLDTA20110519ACL	247.4
No	WFTT-TV	D25	DT	LIC	VENICE, FL	BLANK0000001148	177.8
No	WXAX-CD	D26	DC	LIC	CLEARWATER, FL	BLANK0000001619	178.4
No	WXAX-CD	D26	DC	CP	CLEARWATER, FL	BLANK0000127534	178.4
No	WLRN-TV	D26	DT	LIC	MIAMI, FL	BLANK0000123106	186.0
No	WHDN-CD	D26	DC	CP	NAPLES, FL	BLANK0000003751	208.0
No	WHDN-CD	D26	DC	LIC	NAPLES, FL	BLANK0000001626	207.9
No	W26FI-D	D26	LD	CP	OKEECHOBEE, FL	BLANK0000071804	94.8
No	WKMG-TV	D26	DT	LIC	ORLANDO, FL	BLANK0000126256	123.0
No	WSNN-LD	D26	LD	LIC	SARASOTA, FL	BLANK0000059117	199.8

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D25
Mask: Simple
Latitude: 27 38 8.00 N (NAD83)

Longitude: 80 27 57.00 W
Height AMSL: 21.0 m
HAAT: 0.0 m
Peak ERP: 0.350 kW
Antenna: SAM-SAM-460 (ID 1004146) 100.0 deg
Elev Pattn: Generic
Elec Tilt: 0.25

49.9 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	0.000 kW	14.9 m	4.2 km
45.0	0.000	18.7	1.7
90.0	0.277	19.0	12.9
135.0	0.022	15.6	7.0
180.0	0.000	14.9	4.2
225.0	0.000	14.2	4.2
270.0	0.000	13.9	4.2
315.0	0.000	14.3	4.2

Database HAAT does not agree with computed HAAT
Database HAAT: 0 m Computed HAAT: 16 m

Distance to Canadian border: 1570.5 km

Distance to Mexican border: 1641.9 km

Conditions at FCC monitoring station: Vero Beach FL
Bearing: 258.9 degrees Distance: 17.0 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 307.8 degrees Distance: 2659.1 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 BNPDTL20100723AHA ----

Proposal receives 8.71% interference from scenario 1
No IX check failures found.