Study created: 2020.04.12 17:43:06

Study build station data: LMS TV 2020-04-08

Proposal: W40CU-D D32 LD CP ST. PETERSBURG, FL

File number: Jampro pat25 12 bay BT 1.5 015 deg

Facility ID: 61201

Station data: User record

Record ID: 121

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	WINK-TV	D31	DT	CP	FORT MYERS, FL	BLANK0000034572	152.7 km
No	WOGX	D31	DT	LIC	OCALA, FL	BLCDT20020730ABS	173.2
No	W15CM-D	D31	LD	CP	ORIENT CITY, FL	BLANK0000051679	38.1
No	WTMO-CD	D31	DC	LIC	ORLANDO, FL	BLDTA20110815ACQ	153.2
No	WACX-LD	D32	LD	CP	ALACHUA, ETC., FL	BLANK0000080498	198.9
Yes	WHLV-TV	D32	DT	LIC	COCOA, FL	BLANK0000100511	184.0
No	W50CO	D32-	LD	CP	JACKSONVILLE, FL	BLANK0000052065	295.9
No	WFOX-TV	D32	DT	LIC	JACKSONVILLE, FL	BLCDT20030328ANQ	294.2
No	W32EA-D	D32	LD	CP	KEY WEST, FL	BNPDTL20100302ABU	378.3
No	W32ER-D	D32	LD	CP	MADISON, FL	BNPDTL20100513ALM	282.8
No	W32DJ-D	D32	LD	LIC	MELBOURNE, FL	BLDTL20071009AKR	204.7
No	WBFS-TV	D32	DT	LIC	MIAMI, FL	BLCDT20130909AAU	327.2
Yes	WXCW	D32	DT	CP	NAPLES, FL	BLANK0000034571	152.7
No	WFSU-TV	D32	DT	LIC	TALLAHASSEE, FL	BLEDT20030730ACW	331.7
No	W32FK-D	D32	LD	CP	VALDOSTA, GA	BLANK0000071821	374.0
No	WXCK-LP	D33	LD	CP	CHIEFLAND, FL	BLANK0000001084	180.4

No	WOFL	D33	DT	CP	ORLANDO, FL	BLANK0000109733	184.5
Yes	WGCT-LD	D33	LD	LIC	Tampa, FL	BLANK0000059159	49.1
No	WRXY-TV	D33	DT	CP	TICE, FL	BLANK0000035687	151.9
No	WRXY-TV	D33	DT	LIC	TICE, FL	BLCDT20060627ABA	151.9
No	WDNP-LD	N36+	TX	LIC	ST. PETERSBURG, FL	BLTT20020725AAC	23.1

No non-directional AM stations found within 0.8 km

Directional AM stations within 3.2 km:

WHBO 1040 L DAN D PINELLAS PARK, FL BL20030729AJW

WHBO 1040 L DAN N PINELLAS PARK, FL BL20030729AJW

Record parameters as studied:

Channel: D32

Mask: Full Service

Latitude: 27 50 52.90 N (NAD83)

Longitude: 82 45 48.30 W

Height AMSL: 191.0 m

HAAT: 0.0 m

Peak ERP: 15.0 kW

Antenna: Jampro Pattern 25 15.0 deg

Elev Pattrn: Jampro 12 bay vpat

50.5 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	11.2 kW	180.6 m	47.8 km
45.0	5.31	189.0	44.4
90.0	0.915	188.9	35.2
135.0	0.286	180.7	28.9
180.0	0.370	190.9	30.7

225.0 0.063 190.1 21.8

270.0 0.329 186.7 29.9

315.0 1.45 185.5 37.4

Database HAAT does not agree with computed HAAT

Database HAAT: 0 m Computed HAAT: 187 m

Distance to Canadian border: 1537.1 km

Distance to Mexican border: 1418.0 km

Conditions at FCC monitoring station: Vero Beach FL

Bearing: 96.8 degrees Distance: 211.1 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:

Bearing: 309.4 degrees Distance: 2467.7 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%

No IX check failures found.