

tvstudy v2.2.5 (4uoc83)

Database: localhost, Study: aaVero30d12500wJAM180F, Model: Longley-Rice

Start: 2023.06.05 11:18:35

Study created: 2023.06.05 11:18:35

Study build station data: LMS TV 2023-06-04

Proposal: WVWW-LD D30 LD APP Vero Beach, FL

Facility ID: 181224

Station data: User record

Record ID: 1535

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	WXPX-TV	D29	DT	LIC	BRADENTON, FL	BLANK0000105367	185.4 km
No	WMVJ-CD	D29	DC	CP	MELBOURNE, FL	BLANK0000210400	56.8
No	WMVJ-CD	D29	DC	LIC	MELBOURNE, FL	BLDTA20121120AEA	56.8
No	WPBT	D29	DT	LIC	MIAMI, FL	BLANK0000067623	183.5
No	WSWF-LD	D29	LD	LIC	ORLANDO, FL	BLANK0000106247	135.4
No	WDOX-LD	D29	LD	LIC	Palm beach, FL	BLANK0000120484	16.7
Yes	WEFS	D30	DT	LIC	COCOA, FL	BLEDT20130801ABM	129.7
No	WSCV	D30	DT	LIC	FORT LAUDERDALE, FL	BLANK0000204992	180.7
No	W30EE-D	D30	LD	LIC	JACKSONVILLE, FL	BLANK0000090922	326.9
No	WWDT-CD	D30	DC	LIC	NAPLES, FL	BLANK0000170032	189.0
No	W30EM-D	D30	LD	LIC	OCALA, FL	BLANK0000179329	281.2
No	WRMD-CD	D30	DC	LIC	TAMPA, FL	BLANK0000091495	186.1
No	WINK-TV	D31	DT	LIC	FORT MYERS, FL	BLANK0000189579	162.0
No	W31DC-D	D31	LD	LIC	FORT PIERCE, FL	BLD TT20080926ACW	6.6
No	WSCF-LD	D31	LD	LIC	Melbourne, FL	BLANK0000197878	56.8
No	WTVJ	D31	DT	LIC	MIAMI, FL	BLANK0000204993	182.3
No	WTVJ	D31	DT	APP	MIAMI, FL	BLANK0000189331	182.3
No	WOGX	D31	DT	LIC	OCALA, FL	BLCDT20020730ABS	271.9

No	WTMO-CD	D31	DC	LIC	ORLANDO, FL	BLDTA20110815ACQ	152.8
No	W31EG-D	D31	LD	LIC	TAMPA, FL	BLANK0000121903	203.3

Non-directional AM stations within 0.8 km:

WZTA 1370 L ND1 D VERO BEACH, FL BL19840917AR

WZTA 1370 L ND1 N VERO BEACH, FL BL19840917AR

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D30

Mask: Full Service

Latitude: 27 36 6.20 N (NAD83)

Longitude: 80 23 33.30 W

Height AMSL: 137.5 m

HAAT: 0.0 m

Peak ERP: 12.5 kW

Antenna: JAMPRO-JA-SS-16 OMNIOID (ID 1000698) 180.0 deg (Note: Same pattern as proposed 8 Bay)

Elev Pattn: Generic

50.3 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	5.71 kW	136.7 m	41.7 km
45.0	4.74	137.3	40.8
90.0	5.58	137.4	41.6
135.0	9.97	137.4	44.6
180.0	12.5	131.5	45.3
225.0	9.97	131.1	44.1
270.0	5.58	131.3	41.2
315.0	4.74	131.5	40.4

Database HAAT does not agree with computed HAAT

Database HAAT: 0 m Computed HAAT: 134 m

Distance to Canadian border: 1575.0 km

Distance to Mexican border: 1649.0 km

Conditions at FCC monitoring station: Vero Beach FL
Bearing: 271.2 degrees Distance: 23.9 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 307.8 degrees Distance: 2667.2 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%

Interference to BLEDT20130801ABM LIC scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WEFS	D30	DT	LIC	COCOA, FL	BLEDT20130801ABM	
Undesireds:	WVWW-LD	D30	LD	APP	Vero Beach, FL		129.7 km
	WXPX-TV	D29	DT	LIC	BRADENTON, FL	BLANK0000105367	146.8
	WMVJ-CD	D29	DC	CP	MELBOURNE, FL	BLANK0000210400	72.9
	WSCV	D30	DT	LIC	FORT LAUDERDALE, FL	BLANK0000204992	303.9
	WWDT-CD	D30	DC	LIC	NAPLES, FL	BLANK0000170032	246.6
	WRMD-CD	D30	DC	LIC	TAMPA, FL	BLANK0000091495	145.2
	WOGX	D31	DT	LIC	OCALA, FL	BLCDT20020730ABS	148.8
	WTMO-CD	D31	DC	LIC	ORLANDO, FL	BLDTA20110815ACQ	38.8
	Service area	Terrain-limited		IX-free, before		IX-free, after	Percent New IX
	28623.4	3,377,737	28621.4	3,377,737	28287.6	3,346,325	27408.6 3,336,753 3.11 0.29
Undesired				Total IX	Unique IX, before		Unique IX, after
WVWW-LD D30 LD APP				939.9	17,673		879.0 9,572
WXPX-TV D29 DT LIC				8.0	2,077		0.0 0

WMVJ-CD D29 DC CP	60.9	8,101	60.9	8,101	0.0	0
WSCV D30 DT LIC	1.0	134	0.0	0	0.0	0
WWDT-CD D30 DC LIC	1.0	134	0.0	0	0.0	0
WRMD-CD D30 DC LIC	227.4	19,616	215.4	16,653	215.4	16,653
WOGX D31 DT LIC	43.5	3,695	43.5	3,695	43.5	3,695
WTMO-CD D31 DC LIC	6.0	886	2.0	0	2.0	0

Interference to BLEDT20130801ABM LIC scenario 2

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WEFS	D30	DT	LIC	COCOA, FL	BLEDT20130801ABM	
Undesireds:	WVWW-LD	D30	LD	APP	Vero Beach, FL		129.7 km
	WXPX-TV	D29	DT	LIC	BRADENTON, FL	BLANK00000105367	146.8
	WMVJ-CD	D29	DC	LIC	MELBOURNE, FL	BLDTA20121120AEA	72.9
	WSCV	D30	DT	LIC	FORT LAUDERDALE, FL	BLANK00000204992	303.9
	WWDT-CD	D30	DC	LIC	NAPLES, FL	BLANK00000170032	246.6
	WRMD-CD	D30	DC	LIC	TAMPA, FL	BLANK00000091495	145.2
	WOGX	D31	DT	LIC	OCALA, FL	BLCDT20020730ABS	148.8
	WTMO-CD	D31	DC	LIC	ORLANDO, FL	BLDTA20110815ACQ	38.8
	Service area	Terrain-limited		IX-free, before		IX-free, after	
	28623.4	3,377,737	28621.4	3,377,737	28330.5	3,353,253	27408.6 3,336,753
							Percent New IX
							3.25 0.49

Undesired	Total IX	Unique IX, before	Unique IX, after
WVWW-LD D30 LD APP	939.9	17,673	921.9 16,500
WXPX-TV D29 DT LIC	8.0	2,077	0.0 0
WMVJ-CD D29 DC LIC	18.0	1,173	18.0 1,173
WSCV D30 DT LIC	1.0	134	0.0 0
WWDT-CD D30 DC LIC	1.0	134	0.0 0
WRMD-CD D30 DC LIC	227.4	19,616	215.4 16,653
WOGX D31 DT LIC	43.5	3,695	43.5 3,695
WTMO-CD D31 DC LIC	6.0	886	2.0 0

Interference to proposal scenario 1
9.05% interference received

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WVWW-LD	D30	LD	APP	Vero Beach, FL		
Undesireds:	WMVJ-CD	D29	DC	CP	MELBOURNE, FL	BLANK0000210400	56.8 km
	WEFS	D30	DT	LIC	COCOA, FL	BLEDT20130801ABM	129.7
	W31DC-D	D31	LD	LIC	FORT PIERCE, FL	BLDTT20080926ACW	6.6
Service area		Terrain-limited		IX-free		Percent IX	
5666.5	451,245	5666.5	451,245	5026.2	410,394	11.30	9.05
Undesired		Total IX		Unique IX		Prct Unique IX	
WEFS D30 DT LIC		513.9	12,594	513.9	12,594	9.07	2.79
W31DC-D D31 LD LIC		126.4	28,257	126.4	28,257	2.23	6.26