

tvstudy v2.2.5 (4uoc83)  
Database: localhost, Study: W11DH @1018753 RevA, Model: Longley-Rice  
Start: 2023.11.30 10:04:11

Study last edited: 2023.11.30 10:04:05

Proposal: W11DH-D D11 LD CP WABASSO, FL  
Facility ID: 182253  
Station data: User record  
Record ID: 1  
Country: U.S.

Proposal "before": (none)

Study has been edited. Stations studied for impact of proposal:

Call	Chan	Svc	Status	City, State	File Number	Distance
WPLG	D10		DT LIC	MIAMI, FL	BLANK0000223845	117.7 km
WPLG	D10		DT LIC	MIAMI, FL	BLANK0000189304	117.7
WESH	D11		DT LIC	DAYTONA BEACH, FL	BLANK0000143773	196.3
WDFL-LD	D11		LD LIC	MIAMI, FL	BLANK0000192903	117.5

Record parameters as studied:

Channel: D11  
Mask: Full Service  
Latitude: 27 1 31.90 N (NAD83)  
Longitude: 80 10 41.85 W  
Height AMSL: 204.0 m  
HAAT: 200.5 m  
Peak ERP: 1.80 kW  
Antenna: SCA-CL-713 ARRAY Rev A 0.0 deg  
Elev Pattn: Generic  
Tilts: elec 2.50, mech 2.50 @ 340.0 deg

48.0 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	0.252 kW	199.9 m	38.6 km
45.0	0.000	202.6	10.6
90.0	0.000	202.6	7.8
135.0	0.009	202.1	19.0
180.0	1.75	199.7	52.5

225.0	0.179	198.2	36.0
270.0	0.000	198.3	7.8
315.0	0.177	200.8	36.2

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%

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Interference to BLANK0000223845 LIC scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WPLG	D10	DT	LIC	MIAMI, FL	BLANK0000223845	
Undesireds:	W11DH-D	D11	LD	CP	WABASSO, FL		117.7 km
	WSVN	D9	DT	LIC	MIAMI, FL	BLANK0000071627	0.0
	WWCI-CD	D10	DC	LIC	VERO BEACH, FL	BLANK0000074586	201.2
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
36381.9	5,588,752	36381.9	5,588,752	36381.9	5,588,752	36259.2 5,561,071	0.34 0.50
Undesired				Total IX	Unique IX, before	Unique IX, after	
W11DH-D D11 LD CP				122.7 27,681		122.7 27,681	

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Interference to BLANK0000223845 LIC scenario 2

Desired:	Call WPLG	Chan D10	Svc DT	Status LIC	City, State MIAMI, FL	File Number BLANK0000223845	Distance		
Undesireds:	W11DH-D	D11	LD	CP	WABASSO, FL		117.7 km		
	WSVN	D9	DT	LIC	MIAMI, FL	BLANK0000071627	0.0		
	WWCI-CD	D10	DC	CP	VERO BEACH, FL	BLANK0000127541	201.2		
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX		
36381.9 5,588,752		36381.9 5,588,752		36293.4 5,588,399		36185.8 5,560,718	0.30 0.50		
Undesired				Total IX	Unique IX, before	Unique IX, after			
W11DH-D D11 LD CP	122.7			27,681		107.7 27,681			
WWCI-CD D10 DC CP	88.5			353	88.5 353	73.4 353			

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Interference to BLANK0000189304 LIC scenario 1

Desired:	Call WPLG	Chan D10	Svc DT	Status LIC	City, State MIAMI, FL	File Number BLANK0000189304	Distance		
Undesireds:	W11DH-D	D11	LD	CP	WABASSO, FL		117.7 km		
	WSVN	D9	DT	LIC	MIAMI, FL	BLANK0000071627	0.0		
	WWCI-CD	D10	DC	LIC	VERO BEACH, FL	BLANK0000074586	201.2		
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX		
36381.9 5,588,752		36381.9 5,588,752		36381.9 5,588,752		36259.2 5,561,071	0.34 0.50		
Undesired				Total IX	Unique IX, before	Unique IX, after			
W11DH-D D11 LD CP	122.7			27,681		122.7 27,681			

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Interference to BLANK0000189304 LIC scenario 2

Desired:	Call WPLG	Chan D10	Svc DT	Status LIC	City, State MIAMI, FL	File Number BLANK0000189304	Distance
Undesireds:	W11DH-D	D11	LD	CP	WABASSO, FL		117.7 km
	WSVN	D9	DT	LIC	MIAMI, FL	BLANK0000071627	0.0
	WWCI-CD	D10	DC	CP	VERO BEACH, FL	BLANK0000127541	201.2
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX

36381.9	5,588,752	36381.9	5,588,752	36293.4	5,588,399	36185.8	5,560,718	0.30	0.50
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Undesired				Total IX	Unique IX, before	Unique IX, after	
W11DH-D D11 LD CP	122.7			27,681		107.7	27,681
WWCI-CD D10 DC CP	88.5			353	88.5	73.4	353

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Interference to BLANK0000143773 LIC scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WESH	D11	DT	LIC	DAYTONA BEACH, FL	BLANK0000143773	
Undesireds:	W11DH-D	D11	LD	CP	WABASSO, FL		196.3 km
	WTSP	D10	DT	LIC	ST. PETERSBURG, FL	BLANK0000126642	146.8
	WWCI-CD	D10	DC	LIC	VERO BEACH, FL	BLANK0000074586	106.8
	WJKF-CD	D11	DC	LIC	JACKSONVILLE, FL	BLANK0000186898	191.6
	WTVT	D12	DT	LIC	TAMPA, FL	BLANK0000125274	145.3

	Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX
45702.3	4,181,962	45608.5	4,169,554	43848.0	3,970,559	43758.1	3,967,259	0.21	0.08

Undesired				Total IX	Unique IX, before	Unique IX, after	
W11DH-D D11 LD CP	89.9			3,300		89.9	3,300
WTSP D10 DT LIC	405.2			111,775	14.9	14.9	3,735
WWCI-CD D10 DC LIC	37.0			2,551	37.0	37.0	2,551
WJKF-CD D11 DC LIC	1059.1			22,757	1059.1	1059.1	22,757
WTVT D12 DT LIC	649.5			169,952	259.2	259.2	61,912

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Interference to BLANK0000143773 LIC scenario 2

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WESH	D11	DT	LIC	DAYTONA BEACH, FL	BLANK0000143773	
Undesireds:	W11DH-D	D11	LD	CP	WABASSO, FL		196.3 km
	WTSP	D10	DT	LIC	ST. PETERSBURG, FL	BLANK0000126642	146.8
	WWCI-CD	D10	DC	CP	VERO BEACH, FL	BLANK0000127541	106.8
	WJKF-CD	D11	DC	LIC	JACKSONVILLE, FL	BLANK0000186898	191.6
	WTVT	D12	DT	LIC	TAMPA, FL	BLANK0000125274	145.3

	Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX
45702.3	4,181,962	45608.5	4,169,554	43586.2	3,954,154	43541.3	3,952,837	0.10	0.03

Undesired		Total IX	Unique IX, before	Unique IX, after
W11DH-D D11 LD CP	89.9	3,300		45.0 1,317
WTSP D10 DT LIC	405.2	111,775	14.9 3,735	14.9 3,735
WWCI-CD D10 DC CP	298.8	18,956	298.8 18,956	253.8 16,973
WJKF-CD D11 DC LIC	1059.1	22,757	1059.1 22,757	1059.1 22,757
WTVT D12 DT LIC	649.5	169,952	259.2 61,912	259.2 61,912

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Interference to BLANK0000192903 LIC scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WDFL-LD	D11	LD	LIC	MIAMI, FL	BLANK0000192903	
Undesireds:	W11DH-D	D11	LD	CP	WABASSO, FL		117.5 km
	WPLG	D10	DT	LIC	MIAMI, FL	BLANK0000223845	1.0
	WPTV-TV	D12	DT	LIC	WEST PALM BEACH, FL	BLANK0000184789	69.0
Service area	Terrain-limited		IX-free, before		IX-free, after		Percent New IX
7866.3 4,455,318	7866.3 4,455,318		7364.7 4,364,667		7364.7 4,364,667		0.00 0.00

Undesired		Total IX	Unique IX, before	Unique IX, after
W11DH-D D11 LD CP	115.0	48,346		0.0 0
WPLG D10 DT LIC	281.4	0	281.4 0	281.4 0
WPTV-TV D12 DT LIC	220.2	90,651	220.2 90,651	105.2 42,305

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Interference to BLANK0000192903 LIC scenario 2

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WDFL-LD	D11	LD	LIC	MIAMI, FL	BLANK0000192903	
Undesireds:	W11DH-D	D11	LD	CP	WABASSO, FL		117.5 km
	WPLG	D10	DT	LIC	MIAMI, FL	BLANK0000189304	1.0
	WPTV-TV	D12	DT	LIC	WEST PALM BEACH, FL	BLANK0000184789	69.0
Service area	Terrain-limited		IX-free, before		IX-free, after		Percent New IX
7866.3 4,455,318	7866.3 4,455,318		7364.7 4,364,667		7364.7 4,364,667		0.00 0.00

Undesired		Total IX	Unique IX, before	Unique IX, after
W11DH-D D11 LD CP	115.0	48,346		0.0 0
WPLG D10 DT LIC	281.4	0	281.4 0	281.4 0

WPTV-TV D12 DT LIC	220.2	90,651	220.2	90,651	105.2	42,305
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Interference to proposal scenario 1  
 30.53% interference received

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	W11DH-D	D11	LD	CP	WABASSO, FL		
Undesireds:	WPLG	D10	DT	LIC	MIAMI, FL	BLANK0000223845	117.7 km
	WWCI-CD	D10	DC	LIC	VERO BEACH, FL	BLANK0000074586	89.4
	WDFL-LD	D11	LD	LIC	MIAMI, FL	BLANK0000192903	117.5
	WPTV-TV	D12	DT	LIC	WEST PALM BEACH, FL	BLANK0000184789	48.6

Service area	Terrain-limited	IX-free	Percent IX
2961.4 1,113,303	2961.4 1,113,303	2466.0 773,440	16.73 30.53

Undesired	Total IX	Unique IX	Prcnt Unique IX
WDFL-LD D11 LD LIC	246.2 134,190	7.1 3,035	0.24 0.27
WPTV-TV D12 DT LIC	488.3 336,828	249.2 205,673	8.41 18.47