

Percent allowed new interference: 0.500
Percent allowed new interference to non Class A LPTV: 2.000
TW Census data selected 2000
Data Base Selected
/space/software/cdbs/pt_tvdb.sff
TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 08-12-2013 Time: 13:02:41

Record Selected for Analysis

WDFL USERRECORD-01 US
Channel 11 ERP 3. kW HAAT 273. m RCAMSL 00275 m FULL SERVICE MASK
Latitude 025-58-07 Longitude 0080-13-20
Status APP Zone 3 Border Site number: 01
Dir Antenna Make usr Model wdf1 Beam tilt N Ref Azimuth 0.
Last update Cutoff date Docket
Comments
Applicant

Cell Size for Service Analysis 1.0 km/side

Distance Increments for Longley-Rice Analysis 1.00 km

Not full service station
Service Class = LD
Maximum height/power limits not checked

Site number	1		
Azimuth	ERP	HAAT	48.0 dBu F(50,90)
(Deg)	(kW)	(m)	(km)
0.0	3.000	272.0	60.417
45.0	2.376	272.8	58.781
90.0	1.920	274.2	57.348
135.0	1.920	273.9	57.330
180.0	1.920	273.0	57.277
225.0	1.920	272.9	57.273
270.0	1.920	272.0	57.220
315.0	2.376	272.0	58.738

Contour Overlap to Proposed Station

Contour Overlap Evaluation to Proposed Station Complete

NO LANDMOBILE SPACING VIOLATIONS FOUND

Checks to Site Number 01

Proposed facility OK to FCC Monitoring Stations

Proposed facility OK toward West Virginia quiet zone

Proposed facility OK toward Table Mountain

Proposed facility is beyond the Canadian coordination distance

Proposed facility is beyond the Mexican coordination distance

Proposed station is OK toward AM broadcast stations

Start of Interference Analysis

Channel	Proposed Station Call	City/State	ARN
11	WDFL		USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
10	WPLG	MIAMI FL	1.0	LIC	BLCDT	-20100908AAG
10	WWCI-CA	VERO BEACH FL	182.4	CP MOD	BMPDVA	-20130312ADI
10	WWCI-CA	VERO BEACH FL	182.3	LIC	BLTVA	-20020726AAE
10	WWCI-CA	VERO BEACH FL	182.4	APP	BSTA	-20130312ADJ
11	WESH	DAYTONA BEACH FL	305.0	LIC	BMLCDT	-20040930AXX
11	W11DH-D	WABASSO FL	197.7	CP MOD	BMPDVL	-20120605ABU
12	WPTV-TV	WEST PALM BEACH FL	69.0	LIC	BLCDT	-20090619ACF

%%%

Analysis of Interference to Affected Station 1

Analysis of current record

Channel	Call	City/State	Application Ref. No.
10	WPLG	MIAMI FL	BLCDT -20100908AAG

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
10	WTSP	ST. PETERSBURG FL	289.2	LIC	BLCDT	-20111014AAZ
11	WDFL		1.0	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 2

Analysis of current record

Channel	Call	City/State	Application Ref. No.
10	WWCI-CA	VERO BEACH FL	BMPDVA -20130312ADI

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
10	WPLG	MIAMI FL	182.7	LIC	BLCDT	-20100908AAG
10	WJXX	ORANGE PARK FL	317.8	LIC	BLCDT	-20090702AAK
10	WSWF-LD	ORLANDO FL	135.7	LIC	BLDVL	-20091106ABX
10	WTSP	ST. PETERSBURG FL	186.2	LIC	BLCDT	-20111014AAZ
11	WESH	DAYTONA BEACH FL	130.0	LIC	BMLCDT	-20040930AXX
11	W11DH-D	WABASSO FL	16.3	CP MOD	BMPDVL	-20120605ABU
11	WDFL		182.4	APP	USERRECORD-01	

Proposed station is beyond the site to nearest cell evaluation distance

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Analysis of Interference to Affected Station 3

Analysis of current record

Channel	Call	City/State	Application Ref. No.
10	WWCI-CA	VERO BEACH FL	BLTVA -20020726AAE

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
10	WPLG	MIAMI FL	182.6	LIC	BLCDDT -20100908AAG
10	WJXX	ORANGE PARK FL	317.7	LIC	BLCDDT -20090702AAK
10	WTSP	ST. PETERSBURG FL	185.4	LIC	BLCDDT -20111014AAZ
11	WESH	DAYTONA BEACH FL	129.8	LIC	BMLCDDT -20040930AXX
11	W11DH-D	WABASSO FL	16.2	CP MOD	BMPDVL -20120605ABU
11	WDFL		182.3	APP	USERRECORD-01

Proposed station is beyond the site to nearest cell evaluation distance

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Analysis of Interference to Affected Station 4

Analysis of current record

Channel	Call	City/State	Application Ref. No.
10	WWCI-CA	VERO BEACH FL	BSTA -20130312ADJ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
10	WPLG	MIAMI FL	182.7	LIC	BLCDDT -20100908AAG
10	WJXX	ORANGE PARK FL	317.8	LIC	BLCDDT -20090702AAK
10	WSWF-LD	ORLANDO FL	135.7	LIC	BLDVL -20091106ABX
10	WTSP	ST. PETERSBURG FL	186.2	LIC	BLCDDT -20111014AAZ
11	WESH	DAYTONA BEACH FL	130.0	LIC	BMLCDDT -20040930AXX
11	W11DH-D	WABASSO FL	16.3	CP MOD	BMPDVL -20120605ABU
11	WDFL		182.4	APP	USERRECORD-01

Proposed station is beyond the site to nearest cell evaluation distance

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Analysis of Interference to Affected Station 5

Analysis of current record

Channel	Call	City/State	Application Ref. No.
11	WESH	DAYTONA BEACH FL	BMLCDDT -20040930AXX

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
10	WJXX	ORANGE PARK FL	191.0	LIC	BLCDDT -20090702AAK
10	WTSP	ST. PETERSBURG FL	146.8	LIC	BLCDDT -20111014AAZ
11	WTOC-TV	SAVANNAH GA	383.8	LIC	BLCDDT -20090622ABP
12	WTVT	TAMPA FL	145.3	LIC	BLCDDT -20080410AAF
11	WDFL		305.0	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 6

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
11	W11DH-D	WABASSO FL	BMPDVL	-20120605ABU

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
10	WWCI-CA	VERO BEACH FL	16.3	CP MOD	BMPDVA	-20130312ADI
10	WWCI-CA	VERO BEACH FL	16.2	LIC	BLTVA	-20020726AAE
10	WWCI-CA	VERO BEACH FL	16.3	APP	BSTA	-20130312ADJ
11	WESH	DAYTONA BEACH FL	113.7	LIC	BMLCDT	-20040930AXX
12	WPTV-TV	WEST PALM BEACH FL	129.7	LIC	BLCDDT	-20090619ACF
11	WDFL		197.7	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 7

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
12	WPTV-TV	WEST PALM BEACH FL	BLCDDT	-20090619ACF

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
12	WTVT	TAMPA FL	242.7	LIC	BLCDDT	-20080410AAF
13	WPEC	WEST PALM BEACH FL	0.4	LIC	BLCDDT	-20100427ABV
11	WDFL		69.0	APP	USERRECORD-01	

Total scenarios = 1

Result key: 1
 Scenario 1 Affected station 7
 Before Analysis

Results for: 12A FL WEST PALM BEACH BLCDDT 20090619ACF LIC
 HAAT 386.0 m, ATV ERP 50.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	5230275	39567.6
not affected by terrain losses	5230275	39567.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	6597	913.3
lost to ATV IX only	6597	913.3
lost to all IX	6597	913.3

Potential Interfering Stations Included in above Scenario 1

12A FL TAMPA BLCDDT 20080410AAF LIC

After Analysis

Results for: 12A FL WEST PALM BEACH BLCDDT 20090619ACF LIC
 HAAT 386.0 m, ATV ERP 50.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	5230275	39567.6
not affected by terrain losses	5230275	39567.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	32628	928.0
lost to ATV IX only	32628	928.0

lost to all IX 32628 928.0

Potential Interfering Stations Included in above Scenario 1

12A FL TAMPA BLCDT 20080410AAF LIC
11A USERRECORD01 APP

Percent new IX = 0.4983%

Worst case new IX 0.4983% Scenario 1

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Analysis of Interference to Affected Station 8

Analysis of current record

Channel Call City/State Application Ref. No.
11 WDFL USERRECORD-01

Stations Potentially Affecting This Station

Table with 7 columns: Chan, Call, City/State, Dist(km), Status, Application Ref. No. Rows include WPLG, WESH, and WPTV-TV.

Total scenarios = 1

Result key: 2
Scenario 1 Affected station 8
Before Analysis

Results for: 11A USERRECORD01 APP
HAAT 273.0 m, ATV ERP 3.0 kW

Table with 3 columns: Description, POPULATION, AREA (sq km). Rows include noise limited contour, terrain losses, and various 'lost to' categories.

Potential Interfering Stations Included in above Scenario 1

12A FL WEST PALM BEACH BLCDT 20090619ACF LIC

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