

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/cdb/pt_tvdb.sff
 TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 10-12-2014 Time: 14:15:38

Record Selected for Analysis

WMDF USERRECORD-01 MIAMI FL US
 Channel 04 ERP 3. kW HAAT 160. m RCAMSL 00161 m STRINGENT
 MASK
 Latitude 025-46-19 Longitude 0080-11-30
 Status APP Zone 3 Border Site number: 01
 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	43.0 dBu F(50,90)
(Deg)	(kW)	(m)	(km)
0.0	3.000	159.0	56.594
45.0	3.000	160.9	56.803
90.0	3.000	161.0	56.814
135.0	3.000	160.9	56.808
180.0	3.000	161.0	56.814
225.0	3.000	159.7	56.671
270.0	3.000	159.0	56.593
315.0	3.000	159.0	56.595

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

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Start of Interference Analysis

Channel	Proposed Station Call	City/State	ARN
04	WMDF	MIAMI FL	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan Ref. No.	Call	City/State	Dist(km)	Status	Application
03 -20051031AAH	WSBS-TV	KEY WEST FL	211.0	LIC	BLCDT
04 -20120301ADG	WTSP	ST. PETERSBURG FL	408.2	LIC	BLCDT

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Analysis of Interference to Affected Station 1

Channel	Call	City/State	Application	Ref. No.
03	WSBS-TV	KEY WEST FL	BLCDT	-20051031AAH

Stations Potentially Affecting This Station

Chan Ref. No.	Call	City/State	Dist(km)	Status	Application
04	WMDF	MIAMI FL	211.0	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

##

Analysis of Interference to Affected Station 2

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
04	WTSP	ST. PETERSBURG FL	BLCDT	-20120301ADG

Stations Potentially Affecting This Station

Chan Ref. No.	Call	City/State	Dist(km)	Status	Application
04	WMDF	MIAMI FL	408.2	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.
04	WMDF	MIAMI FL	USERRECORD-01	

Stations Potentially Affecting This Station

Chan Ref. No.	Call	City/State	Dist(km)	Status	Application
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Total scenarios = 1

Result key: 1

Scenario 1 Affected station 3
Before Analysis

Results for: 4A FL MIAMI USERRECORD01 APP
HAAT 160.0 m, ATV ERP 3.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3713802	10105.0
not affected by terrain losses	3713802	10105.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	0	0.0
lost to ATV IX only	0	0.0
lost to all IX	0	0.0

Potential Interfering Stations Included in above Scenario 1

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