

## FIGURE 2 – OET-69 SHOWING FOR W47AL, ORLANDO, FL, CH 47z (ANALOG)

### TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 02-06-2009 Time: 17:27:14

Record Selected for Analysis

W47AL USERRECORD-01 ORLANDO FL US  
Channel 47 ERP 6.5 kW HAAT 30. m RCAMSL 00045 m  
Latitude 028-28-00 Longitude 0081-22-28  
Status APP Zone 2 Border Offset Z  
Dir Antenna Make usr Model AND\_ALPE Beam tilt N Ref Azimuth 340.  
Last update Cutoff date Docket  
Comments  
Applicant

Census data selected: 1990

Cell Size for Service Analysis 2.0 km/side

Distance Increments for Longley-Rice Analysis 1.00 km

Not full service station

Facility meets maximum power limit

Azimuth (Deg)	ERP (kW)	HAAT (m)	74.0 dBu F(50,50) (km)
0.0	6.487	33.0	7.4
45.0	5.466	33.0	7.1
90.0	2.317	33.0	5.8
135.0	0.273	33.0	3.4
180.0	0.320	33.0	3.5
225.0	1.871	33.0	5.5
270.0	5.149	33.0	7.0
315.0	6.487	33.0	7.4

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 0.03km from AM station

PINE CASTLE-SKY LAKE FL WAJL Status: Antenna: NDD

Proposed station is 0.03km from AM station

PINE CASTLE SKY LAKE FL WAMT Status: Antenna: DAN

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**FIGURE 2 – OET-69 SHOWING FOR W47AL, ORLANDO, FL, CH 47z (ANALOG)**

## Start of Interference Analysis

Proposed Station			
Channel	Call	City/State	ARN
47	W47AL	ORLANDO FL	USERRECORD01

### Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
32	WMOR-TV	LAKELAND FL	89.7	LIC	BLCT	-19961018KF
46	WTGL	LEESBURG FL	31.5	LIC	BLEDT	-20050915ALL
47	W47AL	ORLANDO FL	23.5	LIC	BLTTL	-19991217ABN
47	WFTT-TV	TAMPA FL	111.3	LIC	BLCDT	-20060912ADB
47	WFTT-TV	TAMPA FL	111.1	CP	BPCDT	-20080902ADT
48	WOPX	MELBOURNE FL	48.1	LIC	BLCDT	-20020510AAH

[illegible]

## Analysis of Interference to Affected Station 1

## NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
32	WWWB	LAKELAND FL	DTVPLN	-NPLN1424

### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
24	WMFETV	ORLANDO FL	119.3	PLN	DTVPLN	-NPLN1203
24	WTSP-DT	ST. PETERSBURG FL	88.6	PLN	DTVPLN	-DTVP0561
25	WPBF	TEQUESTA FL	172.6	PLN	DTVPLN	-NPLN1240
25	WBSV-DT	VENICE FL	92.0	PLN	DTVPLN	-DTVP0597
29	WFTS-DT	TAMPA FL	30.9	PLN	DTVPLN	-DTVP0740
30	WBCC-DT	COCOA FL	114.1	PLN	DTVPLN	-DTVP0779
30	WGCU	FORT MYERS FL	115.1	PLN	DTVPLN	-NPLN1378
31	WGCU-DT	FORT MYERS FL	115.1	PLN	DTVPLN	-DTVP0816
31	WOGX-DT	OCALA FL	173.2	PLN	DTVPLN	-DTVP0817
32	WAWS-DT	JACKSONVILLE FL	274.1	PLN	DTVPLN	-DTVP0858
32	WBFS-DT	MIAMI FL	270.1	PLN	DTVPLN	-DTVP0859
32	WFSU-DT	TALLAHASSEE FL	381.2	PLN	DTVPLN	-DTVP0860
33	WCEU-DT	NEW SMYRNA BEACH FL	167.4	PLN	DTVPLN	-DTVP0896
33	WRXY-DT	TICE FL	117.9	PLN	DTVPLN	-DTVP0897
34	WUSF-DT	TAMPA FL	31.0	PLN	DTVPLN	-DTVP0933
35	WFTX-DT	CAPE CORAL FL	116.7	PLN	DTVPLN	-DTVP0969
35	WOFL	ORLANDO FL	119.9	PLN	DTVPLN	-NPLN1493
36	WFTX	CAPE CORAL FL	116.7	PLN	DTVPLN	-NPLN1515
39	WFTV-DT	ORLANDO FL	119.3	PLN	DTVPLN	-DTVP1083
40	WACX-DT	LEESBURG FL	135.2	PLN	DTVPLN	-DTVP1118
40	WWSB	SARASOTA FL	51.6	PLN	DTVPLN	-NPLN1580
46	WLCB-DT	LEESBURG FL	114.9	PLN	DTVPLN	-DTVP1322
46	WTVK	NAPLES FL	160.4	PLN	DTVPLN	-NPLN1697
47	WBHS-DT	TAMPA FL	30.9	PLN	DTVPLN	-DTVP1356

Results for: 32N FL LAKELAND	DTVPLN	NPLN1424	PLN
	POPULATION	AREA (sq km)	

**FIGURE 2 – OET-69 SHOWING FOR W47AL, ORLANDO, FL, CH 47z (ANALOG)**

within Noise Limited Contour	2428627	17464.5
not affected by terrain losses	2428627	17464.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	0	0.0
lost to all IX	0	0.0

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
32	WMOR-TV	LAKELAND FL	BLCT	-19961018KF

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
24	WMFE-TV	ORLANDO FL	119.3	LIC	BLET	-20040721AAK
24	WTSP-DT	ST. PETERSBURG FL	88.6	PLN	DTVPLN	-DTVP0561
25	WPBF	TEQUESTA FL	172.6	LIC	BLCT	-19990817LC
25	WBSV-DT	VENICE FL	92.0	PLN	DTVPLN	-DTVP0597
25	WVEA-TV	VENICE FL	30.8	LIC	BLCDDT	-20060627ABX
29	WFTS-TV	TAMPA FL	30.9	LIC	BLCDDT	-20020319AAG
29	WFTS-DT	TAMPA FL	30.9	PLN	DTVPLN	-DTVP0740
29	WFTS-TV	TAMPA FL	30.9	CP	BPCDDT	-20040330ABZ
30	WBCC	COCOA FL	122.2	LIC	BLEDT	-20030429ABH
30	WBCC-DT	COCOA FL	114.1	PLN	DTVPLN	-DTVP0779
30	WGPU	FORT MYERS FL	115.1	LIC	BLET	-19830630KG
31	WGPU-DT	FORT MYERS FL	115.1	PLN	DTVPLN	-DTVP0816
31	WOGX	OCALA FL	173.1	LIC	BLCDDT	-20020730ABS
31	WOGX-DT	OCALA FL	173.2	PLN	DTVPLN	-DTVP0817
32	WAWS	JACKSONVILLE FL	274.0	LIC	BLCDDT	-20030328ANQ
32	WAWS-DT	JACKSONVILLE FL	274.1	PLN	DTVPLN	-DTVP0858
32	WBFS-TV	MIAMI FL	270.0	LIC	BLCDDT	-20021025AAM
32	WBFS-DT	MIAMI FL	270.1	PLN	DTVPLN	-DTVP0859
32	WFSU-DT	TALLAHASSEE FL	381.2	PLN	DTVPLN	-DTVP0860
33	WDSC-TV	NEW SMYRNA BEACH FL	122.2	LIC	BLEDT	-20050121AKU
33	WCEU-DT	NEW SMYRNA BEACH FL	167.4	PLN	DTVPLN	-DTVP0896
33	WRXY-DT	TICE FL	117.9	PLN	DTVPLN	-DTVP0897
33	WRXY-TV	TICE FL	117.9	LIC	BLCDDT	-20060627ABA
34	WUSF-DT	TAMPA FL	31.0	PLN	DTVPLN	-DTVP0933
34	WUSF-TV	TAMPA FL	31.0	LIC	BLEDT	-20060913ABQ
35	WFTX	CAPE CORAL FL	116.8	LIC	BLCDDT	-20050311ACY
35	WFTX-DT	CAPE CORAL FL	116.7	PLN	DTVPLN	-DTVP0969
35	WOFL	ORLANDO FL	119.9	LIC	BLCT	-19960507KF
36	WFTX	CAPE CORAL FL	116.8	LIC	BLCT	-20030625ACD
39	960919LB	CRYSTAL RIVER FL	103.2	APP	BPEDT	-19960919LB
39	WFTV	ORLANDO FL	119.4	LIC	BLCDDT	-20010430ABF
39	WFTV-DT	ORLANDO FL	119.3	PLN	DTVPLN	-DTVP1083
40	WACX-DT	LEESBURG FL	135.2	PLN	DTVPLN	-DTVP1118
40	WACX	LEESBURG FL	118.8	LIC	BLCDDT	-20060117ACC
40	WWSB	SARASOTA FL	51.5	LIC	BLCT	-20030110ABH
46	WTGL	LEESBURG FL	118.8	LIC	BLEDT	-20050915ALL
46	WLCB-DT	LEESBURG FL	114.9	PLN	DTVPLN	-DTVP1322
46	WXCW	NAPLES FL	117.9	LIC	BLCT	-20020418AAA
47	WBHS-DT	TAMPA FL	30.9	PLN	DTVPLN	-DTVP1356
47	WFTT-TV	TAMPA FL	30.9	LIC	BLCDDT	-20060912ADB
47	WFTT-TV	TAMPA FL	31.1	CP	BPCDDT	-20080902ADT
47	W47AL	ORLANDO FL	89.7	APP	USERRECORD-01	

Total scenarios = 2

## FIGURE 2 – OET-69 SHOWING FOR W47AL, ORLANDO, FL, CH 47z (ANALOG)

Result key: 1  
 Scenario 1 Affected station 1 WMOR-TV  
 Before Analysis

Results for: 32N FL LAKE LAND BLCT 19961018KF LIC  
 POPULATION AREA (sq km)  
 within Noise Limited Contour 2428627 17464.5  
 not affected by terrain losses 2428627 17464.5  
 lost to NTSC IX 0 0.0  
 lost to additional IX by ATV 354 12.0  
 lost to all IX 354 12.0

Potential Interfering Stations Included in above Scenario 1

32A FL MIAMI BLC DT 20021025AAM LIC

After Analysis

Results for: 32N FL LAKE LAND BLCT 19961018KF LIC  
 POPULATION AREA (sq km)  
 within Noise Limited Contour 2428627 17464.5  
 not affected by terrain losses 2428627 17464.5  
 lost to NTSC IX 651 8.0  
 lost to additional IX by ATV 354 12.0  
 lost to all IX 1005 20.0

Potential Interfering Stations Included in above Scenario 1

32A FL MIAMI BLC DT 20021025AAM LIC  
 47N FL ORLANDO USERRECORD01 APP

Percent new IX = 0.0268%

Worst case new IX 0.0268% Scenario 1

(NOTE: WORST-CASE SCENARIO TO THIS AFFECTED STATION IS SHOWN—ALL OTHERS HAVE BEEN REMOVE. ALL REMOVED SCENARIOS SHOW THE SAME OR LESS NEW INTERFERENCE THAN SHOWN BY THE WORST-CASE SCENARIO.)

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Analysis of Interference to Affected Station 2

DTV Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
46	WLCB-DT	LEESBURG FL	DTVPLN	-DTVP1322

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
45	WLCBTV	LEESBURG FL	0.0	PLN	DTVPLN	-NPLN1679
46	WHFT-DT	MIAMI FL	355.6	PLN	DTVPLN	-DTVP1323
46	WTVK	NAPLES FL	271.2	PLN	DTVPLN	-NPLN1697

## FIGURE 2 – OET-69 SHOWING FOR W47AL, ORLANDO, FL, CH 47z (ANALOG)

46	WPCT	PANAMA CITY BEACH FL	414.2	PLN	DTVPLN	-NPLN1698
46	WVAN-DT	SAVANNAH GA	365.6	PLN	DTVPLN	-DTVP1324
47	WTEVTV	JACKSONVILLE FL	158.7	PLN	DTVPLN	-NPLN1715
47	WBHS-DT	TAMPA FL	122.8	PLN	DTVPLN	-DTVP1356

Results for: 46A FL LEESBURG DTVPLN DTVP1322 PLN

HAAT 138.0 m, ATV ERP 133.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1427663	11554.6
not affected by terrain losses	1427663	11554.6
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

### NTSC Baseline Analysis

Channel	Call	City/State	Application Ref. No.
45	WLCBTV	LEESBURG FL	DTVPLN -NPLN1679

### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
38	WTTA	ST. PETERSBURG FL	122.8	PLN	DTVPLN -NPLN1538
41	WRBW-DT	ORLANDO FL	74.8	PLN	DTVPLN -DTVP1154
43	WBSF	MELBOURNE FL	104.1	PLN	DTVPLN -NPLN1637
44	WJEB-DT	JACKSONVILLE FL	158.7	PLN	DTVPLN -DTVP1258
44	WTOG	ST. PETERSBURG FL	124.2	PLN	DTVPLN -NPLN1656
45	WHFT	MIAMI FL	355.6	PLN	DTVPLN -NPLN1680
45	WTVK-DT	NAPLES FL	271.2	PLN	DTVPLN -DTVP1292
46	WLCB-DT	LEESBURG FL	0.0	PLN	DTVPLN -DTVP1322
47	WBHS-DT	TAMPA FL	122.8	PLN	DTVPLN -DTVP1356
48	WIRB-DT	MELBOURNE FL	106.2	PLN	DTVPLN -DTVP1387
49	WNTD-DT	DAYTONA BEACH FL	54.7	PLN	DTVPLN -DTVP1413
52	WTGLTV	COCOA FL	104.1	PLN	DTVPLN -NPLN1806
53	WGFL	HIGH SPRINGS FL	115.5	PLN	DTVPLN -NPLN1823
59	WJEBTV	JACKSONVILLE FL	158.7	PLN	DTVPLN -NPLN1904
59	WTOG-DT	ST. PETERSBURG FL	124.2	PLN	DTVPLN -DTVP1645

Results for: 45N FL LEESBURG DTVPLN NPLN1679 PLN

	POPULATION	AREA (sq km)
within Noise Limited Contour	1424957	11550.6
not affected by terrain losses	1424957	11550.6
lost to NTSC IX	5933	650.4
lost to additional IX by ATV	0	0.0
lost to all IX	5933	650.4

### Analysis of current record

Channel	Call	City/State	Application Ref. No.
46	WTGL	LEESBURG FL	BLEDT -20050915ALL

### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
45	WTGL	LEESBURG FL	0.0	LIC	BLET -20050915ADP
45	WTGL	LEESBURG FL	0.0	APP	BSTA -20080307ABC
45	WXCW	NAPLES FL	212.1	LIC	BLCDDT -20021030ACB
46	WHFT-DT	MIAMI FL	302.0	PLN	DTVPLN -DTVP1323

## FIGURE 2 – OET-69 SHOWING FOR W47AL, ORLANDO, FL, CH 47z (ANALOG)

46	WHFT-TV	MIAMI FL	302.0	LIC	BLCDT	-20060221ACH
46	WXCW	NAPLES FL	212.1	LIC	BLCT	-20020418AAA
46	WVAN-DT	SAVANNAH GA	399.0	PLN	DTVPLN	-DTVP1324
46	WCTV-DR	THOMASVILLE GA	360.4	LIC	BPRM	-20000328AAL
46	WCTV	THOMASVILLE GA	360.4	LIC	BLCDT	-20050815AAA
47	WTEV-TV	JACKSONVILLE FL	193.5	LIC	BLCT	-19881116KG
47	WBHS-DT	TAMPA FL	142.1	PLN	DTVPLN	-DTVP1356
47	WFTT-TV	TAMPA FL	142.1	LIC	BLCDT	-20060912ADB
47	WFTT-TV	TAMPA FL	141.9	CP	BPCDT	-20080902ADT
47	W47AL	ORLANDO FL	31.5	APP	USERRECORD-01	

Proposal causes no interference

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### Analysis of Interference to Affected Station 3

#### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
47	W47AL	ORLANDO FL	BLTTL	-19991217ABN

(NOTE: AFFECTED STATION IS THE STATION BEING MODIFIED BY THIS PROPOSAL. THE STUDIES TO THIS AFFECTED STATION ARE, THEREFORE, REMOVED.)

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### Analysis of Interference to Affected Station 4

#### DTV Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
47	WBHS-DT	TAMPA FL	DTVPLN	-DTVP1356

#### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
46	WLCB-DT	LEESBURG FL	122.8	PLN	DTVPLN	-DTVP1322
46	WTVK	NAPLES FL	169.7	PLN	DTVPLN	-NPLN1697
47	WYHS-DT	HOLLYWOOD FL	291.4	PLN	DTVPLN	-DTVP1354
47	WTEVTV	JACKSONVILLE FL	278.9	PLN	DTVPLN	-NPLN1715
48	WIRB-DT	MELBOURNE FL	115.2	PLN	DTVPLN	-DTVP1387

Results for: 47A FL TAMPA                      DTVPLN      DTVP1356      PLN  
 HAAT 445.0 m, ATV ERP 149.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3052283	26088.9
not affected by terrain losses	3052283	26088.9
lost to NTSC IX	474	16.0
lost to additional IX by ATV	17785	727.9
lost to ATV IX only	17785	727.9
lost to all IX	18259	743.9

#### NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
50	WBHSTV	TAMPA FL	DTVPLN	-NPLN1772

## FIGURE 2 – OET-69 SHOWING FOR W47AL, ORLANDO, FL, CH 47z (ANALOG)

### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
42	WFCT-DT	BRADENTON FL	48.2	PLN	DTVPLN	-DTVP1186
43	WBSF	MELBOURNE FL	142.1	PLN	DTVPLN	-NPLN1637
46	WLCB-DT	LEESBURG FL	122.8	PLN	DTVPLN	-DTVP1322
47	WBHS-DT	TAMPA FL	0.0	PLN	DTVPLN	-DTVP1356
48	WIRB-DT	MELBOURNE FL	115.2	PLN	DTVPLN	-DTVP1387
49	WNTD-DT	DAYTONA BEACH FL	177.2	PLN	DTVPLN	-DTVP1413
49	WRXYTV	TICE FL	126.2	PLN	DTVPLN	-NPLN1749
50	WTVX-DT	FORT PIERCE FL	201.3	PLN	DTVPLN	-DTVP1442
50	WTLH-DT	BAINBRIDGE GA	364.5	PLN	DTVPLN	-DTVP1443
51	WTGL-DT	COCOA FL	142.1	PLN	DTVPLN	-DTVP1473
51	WOGX	OCALA FL	168.7	PLN	DTVPLN	-NPLN1794
52	WWSB-DT	SARASOTA FL	33.2	PLN	DTVPLN	-DTVP1504
53	WINK-DT	FORT MYERS FL	125.9	PLN	DTVPLN	-DTVP1526
54	WEDU-DT	TAMPA FL	1.4	PLN	DTVPLN	-DTVP1544
57	WTTA-DT	ST. PETERSBURG FL	0.0	PLN	DTVPLN	-DTVP1602
65	WRBW	ORLANDO FL	142.3	PLN	DTVPLN	-NPLN1971

Results for: 50N FL TAMPA	DTVPLN	NPLN1772	PLN
	POPULATION	AREA (sq km)	
within Noise Limited Contour	3052180	26104.8	
not affected by terrain losses	3051231	26072.9	
lost to NTSC IX	94484	2563.7	
lost to additional IX by ATV	10633	256.0	
lost to all IX	105117	2819.7	

### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
47	WFTT-TV	TAMPA FL	BLCDDT	-20060912ADB

### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
46	WTGL	LEESBURG FL	142.1	LIC	BLEDT	-20050915ALL
46	WLCB-DT	LEESBURG FL	122.8	PLN	DTVPLN	-DTVP1322
46	WXCW	NAPLES FL	126.2	LIC	BLCT	-20020418AAA
47	WYHS-DT	HOLLYWOOD FL	291.4	PLN	DTVPLN	-DTVP1354
47	WAMI-TV	HOLLYWOOD FL	290.9	CP	BPCDDT	-20060113ACR
47	WAMI-TV	HOLLYWOOD FL	290.9	LIC	BLCDDT	-20021015ABJ
47	WTEV-TV	JACKSONVILLE FL	278.9	LIC	BLCT	-19881116KG
48	WFXU	LIVE OAK FL	223.2	APP	BPCDDT	-20080617ABP
48	WOPX	MELBOURNE FL	115.2	LIC	BLCDDT	-20020510AAH
48	WIRB-DT	MELBOURNE FL	115.2	PLN	DTVPLN	-DTVP1387
47	W47AL	ORLANDO FL	111.3	APP	USERRECORD-01	

Proposal causes no interference

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### Analysis of Interference to Affected Station 5

### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
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## FIGURE 2 – OET-69 SHOWING FOR W47AL, ORLANDO, FL, CH 47z (ANALOG)

47 WFTT-TV TAMPA FL BPCDT -20080902ADT

### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
46	WTGL	LEESBURG FL	141.9	LIC	BLEDT	-20050915ALL
46	WLCB-DT	LEESBURG FL	122.3	PLN	DTVPLN	-DTVP1322
46	WXCW	NAPLES FL	126.8	LIC	BLCT	-20020418AAA
47	WYHS-DT	HOLLYWOOD FL	291.8	PLN	DTVPLN	-DTVP1354
47	WAMI-TV	HOLLYWOOD FL	291.4	CP	BPCDT	-20060113ACR
47	WAMI-TV	HOLLYWOOD FL	291.4	LIC	BLCDT	-20021015ABJ
47	WTEV-TV	JACKSONVILLE FL	278.4	LIC	BLCT	-19881116KG
48	WFXU	LIVE OAK FL	222.6	APP	BPCDT	-20080617ABP
48	WOPX	MELBOURNE FL	115.2	LIC	BLCDT	-20020510AAH
48	WIRB-DT	MELBOURNE FL	115.2	PLN	DTVPLN	-DTVP1387
47	W47AL	ORLANDO FL	111.1	APP	USERRECORD-01	

Total scenarios = 4

Result key: 9  
 Scenario 1 Affected station 5 WFTT-TV  
 Before Analysis

Results for: 47A FL TAMPA BPCDT 20080902ADT CP

HAAT 387.0 m, ATV ERP 650.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3071790	27711.4
not affected by terrain losses	3071781	27707.4
lost to NTSC IX	1100	16.0
lost to additional IX by ATV	14882	427.9
lost to ATV IX only	15971	439.9
lost to all IX	15982	443.9

Potential Interfering Stations Included in above Scenario 1

47N FL JACKSONVILLE	BLCT	19881116KG	LIC
46A FL LEESBURG	BLEDT	20050915ALL	LIC
48A FL MELBOURNE	BLCDT	20020510AAH	LIC

### After Analysis

Results for: 47A FL TAMPA BPCDT 20080902ADT CP

HAAT 387.0 m, ATV ERP 650.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3071790	27711.4
not affected by terrain losses	3071781	27707.4
lost to NTSC IX	1100	28.0
lost to additional IX by ATV	14882	415.9
lost to ATV IX only	15971	439.9
lost to all IX	15982	443.9

Potential Interfering Stations Included in above Scenario 1

47N FL JACKSONVILLE	BLCT	19881116KG	LIC
46A FL LEESBURG	BLEDT	20050915ALL	LIC
48A FL MELBOURNE	BLCDT	20020510AAH	LIC



## FIGURE 2 – OET-69 SHOWING FOR W47AL, ORLANDO, FL, CH 47z (ANALOG)

47N FL ORLANDO                      USERRECORD01                      APP

Percent new IX =        0.0000%

Worst case new IX        0.0000% Scenario        1

(NOTE: WORST-CASE SCENARIO TO THIS AFFECTED STATION IS SHOWN—ALL OTHERS HAVE BEEN REMOVE. ALL REMOVED SCENARIOS SHOW THE SAME OR LESS NEW INTERFERENCE THAN SHOWN BY THE WORST-CASE SCENARIO.)

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### Analysis of Interference to Affected Station    6

#### DTV Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
48	WIRB-DT	MELBOURNE FL	DTVPLN	-DTVP1387

#### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
47	WBHS-DT	TAMPA FL	115.2	PLN	DTVPLN	-DTVP1356
48	WFXU-DT	LIVE OAK FL	328.7	PLN	DTVPLN	-DTVP1386
49	WNTD-DT	DAYTONA BEACH FL	137.3	PLN	DTVPLN	-DTVP1413
49	WFGC-DT	PALM BEACH FL	173.5	PLN	DTVPLN	-DTVP1415
49	WRXYTV	TICE FL	159.7	PLN	DTVPLN	-NPLN1749

Results for: 48A FL MELBOURNE                      DTVPLN        DTVP1387        PLN  
 HAAT 472.0 m, ATV ERP 171.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2155470	27684.6
not affected by terrain losses	2155470	27684.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	34979	223.5
lost to ATV IX only	34979	223.5
lost to all IX	34979	223.5

#### NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
56	WIRB	MELBOURNE FL	DTVPLN	-NPLN1862

#### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
48	WIRB-DT	MELBOURNE FL	0.0	PLN	DTVPLN	-DTVP1387
49	WNTD-DT	DAYTONA BEACH FL	137.3	PLN	DTVPLN	-DTVP1413
49	WRXYTV	TICE FL	159.7	PLN	DTVPLN	-NPLN1749
52	WWSB-DT	SARASOTA FL	135.8	PLN	DTVPLN	-DTVP1504
54	WEDU-DT	TAMPA FL	115.9	PLN	DTVPLN	-DTVP1544
55	WACX	LEESBURG FL	93.9	PLN	DTVPLN	-NPLN1848
55	WPTV-DT	WEST PALM BEACH FL	190.0	PLN	DTVPLN	-DTVP1564
57	WTTA-DT	ST. PETERSBURG FL	115.2	PLN	DTVPLN	-DTVP1602
58	WCPX-DT	ORLANDO FL	56.6	PLN	DTVPLN	-DTVP1622
59	WTOG-DT	ST. PETERSBURG FL	115.9	PLN	DTVPLN	-DTVP1645

## FIGURE 2 – OET-69 SHOWING FOR W47AL, ORLANDO, FL, CH 47z (ANALOG)

Results for: 56N FL MELBOURNE	DTVPLN	NPLN1862	PLN
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2155470	27672.6	
not affected by terrain losses	2154672	27668.6	
lost to NTSC IX	252468	2849.1	
lost to additional IX by ATV	36234	259.4	
lost to all IX	288702	3108.4	

### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
48	WOPX	MELBOURNE FL	BLCDT	-20020510AAH

### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
47	WBHS-DT	TAMPA FL	115.2	PLN	DTVPLN	-DTVP1356
47	WFTT-TV	TAMPA FL	115.2	LIC	BLCDT	-20060912ADB
47	WFTT-TV	TAMPA FL	115.2	CP	BPCDT	-20080902ADT
48	WFXU-DT	LIVE OAK FL	328.7	PLN	DTVPLN	-DTVP1386
48	WFXU	LIVE OAK FL	245.4	APP	BPCDT	-20080617ABP
49	WNTD-DT	DAYTONA BEACH FL	137.3	PLN	DTVPLN	-DTVP1413
49	WVEN-TV	DAYTONA BEACH FL	93.9	LIC	BLCDT	-20070329ADC
49	WFGC-DT	PALM BEACH FL	173.5	PLN	DTVPLN	-DTVP1415
49	WFGC	PALM BEACH FL	173.5	LIC	BLCDT	-20060627ABB
49	WRXY-TV	TICE FL	159.7	LIC	BLCT	-20050224AAF
47	W47AL	ORLANDO FL	48.1	APP	USERRECORD-01	

Proposal causes no interference

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