

TECHNICAL EXHIBIT
APPLICATION FOR MODIFICATION
CONSTRUCTION PERMIT
FCC FILE NO. BPTL-20051109ACA
LPTV STATION WFUN-LP
FACILITY ID 60542
MIAMI, FLORIDA
CH 48 150 KW (MAX-DA)

Technical Narrative

The technical exhibit of which this narrative is part was prepared in support of an application for modification of construction permit for LPTV station WFUN-LP at Miami, Florida (Facility ID: 60542; File No. BPTL-20051109ACA). Specifically, this modification application proposes to change transmitter site, antenna radiation center height above mean sea level, effective radiated power (ERP), and directional antenna system. No other changes are proposed, including no change in channel (48), frequency offset designation (Z), or community of license (Miami). The instant application is considered a "minor change" in facilities pursuant to Section 73.3572.

It is proposed to operate on channel 48 (674-680 MHz) with a "zero" carrier frequency offset using an ERI model ALP24L3-CSP-48, circularly polarized (CP) directional antenna system with a main lobe orientation of 280° true. The antenna will incorporate 0.75 degree of electrical beam tilt. The maximum ERP will be 150 kW (circularly polarized) in any horizontal or vertical angle. The ERI directional antenna will be mounted at the 213 meter level on the existing 312 meter tower (ASR 1224225) resulting in an antenna radiation center height above mean sea level of 216 meters.

Minor Change Application

Figure 1 depicts the licensed, authorized and herein proposed 74 dBu contours for WFUN-LP. As indicated, the proposed 74 dBu contour encompasses 100% of the land area portion of licensed 74 dBu contour. Therefore, the proposed modification is considered a "minor" change in facilities pursuant to Section 73.3572.

Response to Paragraph 13

The proposed WFUN-LP facility complies with all the following applicable rule Sections: Sections 74.705, 74.706, 74.707, 74.708, 74.709 and 74.710. Figure 2 provides the output of study based on OET-69 Bulletin which demonstrates that the proposed WFUN-LP operation complies with the FCC's NTSC, DTV, LPTV/TV translator and Class A interference criteria.¹

Environmental Considerations

The proposed WFUN-LP LPTV facilities were evaluated in terms of potential radiofrequency radiation exposure at ground level in accordance with OST Bulletin No. 65, "Evaluating Compliance With FCC-Specified Guidelines for Human Exposure to Radiofrequency Radiation". The calculated power density at the base of the tower was calculated using the appropriate equation of the Bulletin.

Using a greater than expected vertical relative field value of 0.28 (see Figure 3), a total peak visual effective radiated power of 300 kW (CP), 10 percent aural power, and an antenna center of radiation height above ground level of 213 meters, the calculated power density at 2 meters above ground level at the base of the tower is 0.0088 milliwatt per square centimeter (mW/cm^2), or 1.96 percent of the Commission's recommended limit of 0.45 mW/cm^2 for TV channel 48 applicable to general population/uncontrolled exposure areas, and 0.39 percent of the Commission's recommended limit of 2.26 mW/cm^2 applicable to controlled exposure areas. Therefore, the facility complies with the FCC's RF emission rules.

Access to the transmitting site will be restricted and appropriately marked with warning signs. Furthermore, as this is a multi-user site, an agreement will be in place to ensure that appropriate measures will be taken to assure worker safety with respect to radio frequency radiation exposure. Such measures include reducing the average exposure by

¹ The du Treil, Lundin & Rackley, Inc. DTV interference analysis program is based on the program and procedures outlined by the FCC in the Sixth Report and Order; subsequent Memorandum Opinion and Order; and FCC OET Bulletin No. 69. A nominal grid size resolution of 1 km was employed. A Sun computer system was employed. The results have been found to be in agreement with the results of the FCC implementation of OET Bulletin 69.

du Treil, Lundin & Rackley, Inc.

Consulting Engineers

Page 3
Miami, Florida

spreading out the work over a longer period of time, wearing "accepted" RFR protective clothing and/or RFR exposure monitors or scheduling work when the stations are at reduced power or shut down.

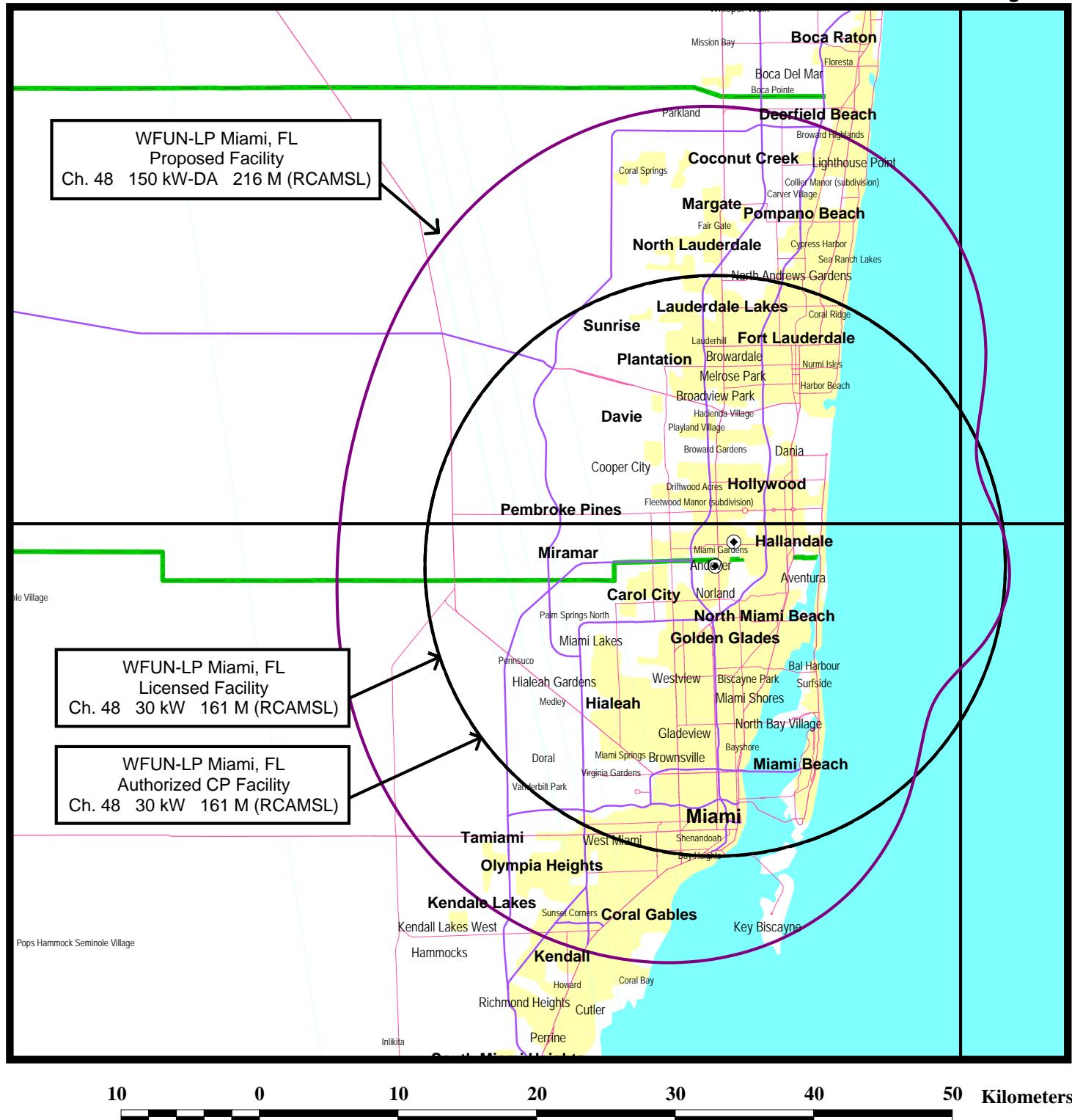


W. Jeffrey Reynolds

du Treil, Lundin & Rackley, Inc.
201 Fletcher Avenue
Sarasota, Florida 34237
(941)329-6000
JEFF@DLR.COM

February 27, 2007

Figure 1



FCC PREDICTED 74 DBU CONTOURS

STATION WFUN-LP
MIAMI, FLORIDA
CH 48 150 KW (DA)

OET-69 TV/DTV INTERFERENCE and SPACING ANALYSIS PROGRAM

Census data selected: 1990

Record Selected for Analysis

WFUN-LP USERRECORD-01 MIAMI FL US
Channel 48 ERP 150. kW HAAT 216. m RCAMSL 00216 m
Latitude 025-59-09 Longitude 0080-11-37
Status APP Zone 3 Border Offset Z
Dir Antenna Make CDB Model 00000000016708 Beam tilt N Ref Azimuth 280.
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

Facility meets maximum power limit

Azimuth (Deg)	ERP (kW)	HAAT (m)	74.0 dBu F(50,50) (km)
0.0	142.009	213.0	37.0
45.0	39.784	214.6	29.5
90.0	12.528	215.6	23.2
135.0	12.833	215.4	23.3
180.0	103.834	214.0	35.2
225.0	142.009	214.0	37.1
270.0	81.697	213.0	33.7
315.0	112.623	213.0	35.6

Contour Overlap Evaluation from LPTV Station to Full Service TV & DTV

Station inside contour of station
WBFS-TV 33 MIAMI FL BLCT 19850125KE

Spacing violation to station
WHFT-TV 45 MIAMI FL BLCT 19951208KF
Site-to-site distance 2.1km

Spacing violation to station
WHFT-TV 45 MIAMI FL BMLCT 20051007ACP
Site-to-site distance 2.1km

Station inside contour of station
WAMI-TV 47 HOLLYWOOD FL BLCDT 20021015ABJ

Contour overlap to station
WOPX 48 MELBOURNE FL BLCDT 20020510AAH

Contour overlap to station
WFGC 49 PALM BEACH FL BLCDT 20060627ABB

Spacing violation to station
WSCV 51 FORT LAUDERDALE FL BLCT 20020805AAC
Site-to-site distance 0.0km

Contour Overlap Evaluation from LPTV to Full Service TV & DTV Complete

Contour Overlap Evaluation from LPTV Station to LPTV Stations

Contour overlap to station
W48DE 48 ISLAMORADA FL BNPTTL 20000828BFK

Contour overlap to station
WWHB-CA 48 STUART FL BLTTA 20021106ABQ

Station inside contour of station
W49CL 49 MIAMI FL BLTTL 20060124AAA

Contour Overlap Evaluation from LPTV to LPTV Stations Complete

Contour Overlap to Proposed Station

Station
WWHB-CA 48 STUART FL BLTTA20021106ABQ causes

Contour overlap to station
WFUN-LP 48 MIAMI FL USERRECORD01

Station
W49CL 49 MIAMI FL BLTTL20060124AAA

Is inside contour of station
WFUN-LP 48 MIAMI FL USERRECORD01

Contour Overlap Evaluation to Proposed Station Complete

Proposed facility OK to FCC Monitoring Stations

Proposed facility OK toward West Virginia quite 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

Proposed Station			
Channel	Call	City/State	ARN
48	WFUN-LP	MIAMI FL	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
33	WBFS-TV	MIAMI FL	2.6	LIC	BLCT -19850125KE
45	WHFT-TV	MIAMI FL	2.1	LIC	BLCT -19951208KF
45	WHFT-TV	MIAMI FL	2.1	LIC	BMLCT -20051007ACP
47	WAMI-TV	HOLLYWOOD FL	0.0	LIC	BLCDT -20021015ABJ
48	W48DE	ISLAMORADA FL	124.1	CP	BNPTTL -20000828BFK
48	WOPX	MELBOURNE FL	251.7	LIC	BLCDT -20020510AAH
48	WWHB-CA	STUART FL	115.6	LIC	BLTTA -20021106ABQ
49	W49CL	MIAMI FL	0.0	LIC	BLTTL -20060124AAA
49	WFGC	PALM BEACH FL	86.4	LIC	BLCDT -20060627ABB
51	WSCV	FORT LAUDERDALE FL	0.0	LIC	BLCT -20020805AAC

%%%%%%%%%%%%%%

Analysis of Interference to Affected Station 1

NTSC Baseline Analysis

Channel	Call	City/State	Application Ref. No.
33	WBFSTV	MIAMI FL	DTVPLN -NPLN1445

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
25	WPBF	TEQUESTA FL	129.7	PLN	DTVPLN -NPLN1240
26	WCTD-DT	MIAMI FL	33.0	PLN	DTVPLN -DTVP0632
26	WZVN-TV	NAPLES FL	150.5	PLN	DTVPLN -NPLN1271
30	WTVJ-DT	MIAMI FL	54.0	PLN	DTVPLN -DTVP0780
32	WBFS-DT	MIAMI FL	0.0	PLN	DTVPLN -DTVP0859
33	WCEU-DT	NEW SMYRNA BEACH FL	368.5	PLN	DTVPLN -DTVP0896
33	WRXY-DT	TICE FL	182.3	PLN	DTVPLN -DTVP0897
34	WTVX	FORT PIERCE FL	129.7	PLN	DTVPLN -NPLN1470
34	DNCE	MARATHON FL	164.7	PLN	DTVPLN -NPLN1488
35	WCTD	MIAMI FL	33.0	PLN	DTVPLN -NPLN1492
36	WHBI-DT	LAKE WORTH FL	85.4	PLN	DTVPLN -DTVP1008
47	WYHS-DT	HOLLYWOOD FL	0.0	PLN	DTVPLN -DTVP1354

Results for: 33N FL MIAMI	DTVPLN	NPLN1445	PLN
	POPULATION	AREA (sq km)	
within Noise Limited Contour	3753000	17626.2	
not affected by terrain losses	3753000	17626.2	
lost to NTSC IX	162149	428.3	
lost to additional IX by ATV	290	2.0	
lost to all IX	162439	430.3	

Analysis of current record

Channel	Call	City/State	Application Ref. No.
33	WBFS-TV	MIAMI FL	BLCT -19850125KE

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
25	WPBF	TEQUESTA FL	129.6	LIC	BLCT -19990817LC
26	WPXM	MIAMI FL	2.6	LIC	BLCDT -20031029ADP
26	WCTD-DT	MIAMI FL	33.1	PLN	DTVPLN -DTVP0632
26	WZVN-TV	NAPLES FL	150.5	LIC	BLCT -19890711KI
30	WTVJ-DT	MIAMI FL	54.1	PLN	DTVPLN -DTVP0780
31	WPXM	MIAMI FL	0.1	APP	BPRM -20000328AAY
31	WTVJ	MIAMI FL	1.3	LIC	BLCDT -20030707ABG
31	WTVJ	MIAMI FL	1.3	LIC	BPRM -20000418AAA
32	WBFS-TV	MIAMI FL	0.0	LIC	BLCDT -20021025AAM
32	WBFS-DT	MIAMI FL	0.1	PLN	DTVPLN -DTVP0859
33	WCEU-DT	NEW SMYRNA BEACH FL	368.4	PLN	DTVPLN -DTVP0896
33	WCEU	NEW SMYRNA BEACH FL	305.5	LIC	BLEDT -20050121AKU
33	WRXY-TV	TICE FL	182.2	LIC	BLCDT -20060627ABA
33	WRXY-DT	TICE FL	182.2	PLN	DTVPLN -DTVP0897
34	WTVX	FORT PIERCE FL	129.6	LIC	BMLCT -20040930AKO
35	WPXM	MIAMI FL	33.1	LIC	BLCT -19921026KE
36	WPXP	LAKE WORTH FL	69.1	LIC	BLCDT -20030808ABE
36	WHBI-DT	LAKE WORTH FL	85.3	PLN	DTVPLN -DTVP1008
40	WPPB-DR	BOCA RATON FL	4.5	APP	BPRM -20000328AAE
40	WPPB-TV	BOCA RATON FL	2.6	APP	BMPEDT -20060705ACF
47	WYHS-DT	HOLLYWOOD FL	0.1	PLN	DTVPLN -DTVP1354
47	WAMI-TV	HOLLYWOOD FL	2.6	APP	BPCDT -20060113ACR
47	WAMI-TV	HOLLYWOOD FL	2.6	LIC	BLCDT -20021015ABJ
48	WFUN-LP	MIAMI FL	2.6	APP	USERRECORD-01

Proposal causes no interference

#####

Analysis of Interference to Affected Station 2

NTSC Baseline Analysis

Channel	Call	City/State	Application Ref. No.
45	WHFT	MIAMI FL	DTVPLN -NPLN1680

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
42	WXELTV	WEST PALM BEACH FL	65.3	PLN	DTVPLN -NPLN1619
44	WPPB-DT	BOCA RATON FL	0.0	PLN	DTVPLN -DTVP1257
45	WLCBTW	LEESBURG FL	355.6	PLN	DTVPLN -NPLN1679
45	WTVK-DT	NAPLES FL	152.9	PLN	DTVPLN -DTVP1292
46	WHFT-DT	MIAMI FL	0.0	PLN	DTVPLN -DTVP1323
46	WTVK	NAPLES FL	152.9	PLN	DTVPLN -NPLN1697
47	WYHS-DT	HOLLYWOOD FL	4.6	PLN	DTVPLN -DTVP1354
49	WFGC-DT	PALM BEACH FL	85.7	PLN	DTVPLN -DTVP1415
52	WSCV-DT	FORT LAUDERDALE FL	4.6	PLN	DTVPLN -DTVP1503

Results for: 45N FL MIAMI	DTVPLN	NPLN1680	PLN
	POPULATION	AREA (sq km)	
within Noise Limited Contour	3715489	12721.8	
not affected by terrain losses	3715489	12721.8	
lost to NTSC IX	0	2.0	

lost to additional IX by ATV	0	0.0
lost to all IX	0	2.0

Analysis of current record

Channel	Call	City/State	Application Ref. No.
45	WHFT-TV	MIAMI FL	BLCT -19951208KF

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
38	WTCE-TV	FORT PIERCE FL	114.8	CP MOD	BMPEDT -20060125ADR
42	WXEL-TV	WEST PALM BEACH FL	65.3	LIC	BLET -20041005ACB
44	WPPB-TV	BOCA RATON FL	0.0	CP	BPEDT -19991028ACM
44	WPPB-DT	BOCA RATON FL	0.0	PLN	DTVPLN -DTVP1257
45	WLBC-TV	LEESBURG FL	302.0	LIC	BLET -20050915ADP
45	WTVK	NAPLES FL	183.8	LIC	BLCDT -20021030ACB
45	WTVK-DT	NAPLES FL	152.9	PLN	DTVPLN -DTVP1292
46	WHFT-TV	MIAMI FL	0.0	LIC	BLCDT -20060221ACh
46	WHFT-DT	MIAMI FL	0.0	PLN	DTVPLN -DTVP1323
46	WTVK	NAPLES FL	183.8	LIC	BLCT -20020418AAA
47	WYHS-DT	HOLLYWOOD FL	4.6	PLN	DTVPLN -DTVP1354
47	WAMI-TV	HOLLYWOOD FL	2.1	APP	BPCDT -20060113ACR
47	WAMI-TV	HOLLYWOOD FL	2.1	LIC	BLCDT -20021015ABJ
49	WFGC	PALM BEACH FL	85.7	LIC	BLCDT -20060627ABB
49	WFGC-DT	PALM BEACH FL	85.7	PLN	DTVPLN -DTVP1415
52	WSCV	FORT LAUDERDALE FL	2.1	LIC	BLCDT -20020805AAB
52	WSCV-DT	FORT LAUDERDALE FL	4.6	PLN	DTVPLN -DTVP1503
59	WHDT	STUART FL	82.1	CP	BPCDT -19960920LH
60	960920YT	SEBRING FL	209.0	APP	BPCT -19960920YT
48	WFUN-LP	MIAMI FL	2.1	APP	USERRECORD-01

Proposal causes no interference

#####

Analysis of Interference to Affected Station 3

Analysis of current record

Channel	Call	City/State	Application Ref. No.
45	WHFT-TV	MIAMI FL	BLMLCT -20051007ACP

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
38	WTCE-TV	FORT PIERCE FL	114.8	CP MOD	BMPEDT -20060125ADR
42	WXEL-TV	WEST PALM BEACH FL	65.3	LIC	BLET -20041005ACB
44	WPPB-TV	BOCA RATON FL	0.0	CP	BPEDT -19991028ACM
44	WPPB-DT	BOCA RATON FL	0.0	PLN	DTVPLN -DTVP1257
45	WLBC-TV	LEESBURG FL	302.0	LIC	BLET -20050915ADP
45	WTVK	NAPLES FL	183.8	LIC	BLCDT -20021030ACB
45	WTVK-DT	NAPLES FL	152.9	PLN	DTVPLN -DTVP1292
46	WHFT-TV	MIAMI FL	0.0	LIC	BLCDT -20060221ACh
46	WHFT-DT	MIAMI FL	0.0	PLN	DTVPLN -DTVP1323
46	WTVK	NAPLES FL	183.8	LIC	BLCT -20020418AAA
47	WYHS-DT	HOLLYWOOD FL	4.6	PLN	DTVPLN -DTVP1354
47	WAMI-TV	HOLLYWOOD FL	2.1	APP	BPCDT -20060113ACR
47	WAMI-TV	HOLLYWOOD FL	2.1	LIC	BLCDT -20021015ABJ
49	WFGC	PALM BEACH FL	85.7	LIC	BLCDT -20060627ABB
49	WFGC-DT	PALM BEACH FL	85.7	PLN	DTVPLN -DTVP1415

52	WSCV	FORT LAUDERDALE FL	2.1	LIC	BLCDT	-20020805AAB
52	WSCV-DT	FORT LAUDERDALE FL	4.6	PLN	DTVPLN	-DTVP1503
59	WHDT	STUART FL	82.1	CP	BPCDT	-19960920LH
60	960920YT	SEBRING FL	209.0	APP	BPCT	-19960920YT
48	WFUN-LP	MIAMI FL	2.1	APP	USERRECORD-01	

Proposal causes no interference

#####

Analysis of Interference to Affected Station 4

DTV Baseline Analysis

Channel	Call	City/State	Application Ref. No.
47	WYHS-DT	HOLLYWOOD FL	DTVPLN -DTVP1354

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
46	WHFT-DT	MIAMI FL	4.6	PLN	DTVPLN -DTVP1323
46	WTVK	NAPLES FL	150.5	PLN	DTVPLN -NPLN1697
47	WBHS-DT	TAMPA FL	291.4	PLN	DTVPLN -DTVP1356

Results for: 47A FL HOLLYWOOD DTVPLN DTVP1354 PLN
HAAT 264.0 m, ATV ERP 97.4 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3590428	13809.4
not affected by terrain losses	3590428	13809.4
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.
69	WYHSTV	HOLLYWOOD FL	DTVPLN -NPLN2011

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
61	WFGC	PALM BEACH FL	88.6	PLN	DTVPLN -NPLN1924
67	WHBI	LAKE WORTH FL	85.4	PLN	DTVPLN -NPLN1989

Results for: 69N FL HOLLYWOOD DTVPLN NPLN2011 PLN
POPULATION AREA (sq km)

within Noise Limited Contour	3590428	13804.5
not affected by terrain losses	3590428	13804.5
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.
47	WAMI-TV	HOLLYWOOD FL	BLCDT -20021015ABJ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
46	WHFT-TV	MIAMI FL	2.1	LIC	BLCDT -20060221ACH

46	WHFT-DT	MIAMI FL	2.1	PLN	DTVPLN	-DTVP1323
46	WTVK	NAPLES FL	182.5	LIC	BLCT	-20020418AAA
47	WFTT-TV	TAMPA FL	290.9	LIC	BLCDT	-20060912ADB
47	WBHS-DT	TAMPA FL	290.9	PLN	DTVPLN	-DTVP1356
48	WFUN-LP	MIAMI FL	0.0	APP	USERRECORD-01	

Proposal causes no interference

#####

Analysis of Interference to Affected Station 5

Analysis of current record

Channel	Call	City/State	Application Ref. No.
48	W48DE	ISLAMORADA FL	BNPTTL -20000828BFK

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
40	WPPB-DR	BOCA RATON FL	125.5	APP	BPRM -20000328AAE
40	WPPB-TV	BOCA RATON FL	124.1	APP	BMPEDT -20060705ACF
44	WPPB-TV	BOCA RATON FL	125.5	CP	BPEDT -19991028ACM
44	WPPB-DT	BOCA RATON FL	125.5	PLN	DTVPLN -DTVP1257
46	WHFT-TV	MIAMI FL	125.5	LIC	BLCDT -20060221ACH
46	WHFT-DT	MIAMI FL	125.5	PLN	DTVPLN -DTVP1323
47	WYHS-DT	HOLLYWOOD FL	121.6	PLN	DTVPLN -DTVP1354
47	WAMI-TV	HOLLYWOOD FL	124.1	APP	BPCDT -20060113ACR
47	WAMI-TV	HOLLYWOOD FL	124.1	LIC	BLCDT -20021015ABJ
48	WDFL-LP	MARATHON FL	38.0	CP	BPTTL -20061025AAE
48	WOPX	MELBOURNE FL	354.5	LIC	BLCDT -20020510AAH
48	WIRB-DT	MELBOURNE FL	354.5	PLN	DTVPLN -DTVP1387
48	WFUN-LP	MIAMI FL	121.6	CP	BPTTL -20051109ACA
48	WWHB-CA	STUART FL	236.3	LIC	BLTTA -20021106ABQ
52	WSCV	FORT LAUDERDALE FL	124.1	LIC	BLCDT -20020805AAB
52	WSCV-DT	FORT LAUDERDALE FL	121.6	PLN	DTVPLN -DTVP1503
63	WPPB-TV	BOCA RATON FL	124.2	CP	BPET -20000301AAL
48	WFUN-LP	MIAMI FL	124.1	APP	USERRECORD-01

Proposal causes no interference

#####

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	WNTO-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	2151460	27664.9
not affected by terrain losses	2151460	27664.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	34572	229.0
lost to ATV IX only	34572	229.0
lost to all IX	34572	229.0

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	WNTO-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	WTIA-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

Results for: 56N FL MELBOURNE

	DTVPLN	NPLN1862	PLN
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2150336	27659.0	
not affected by terrain losses	2149880	27655.0	
lost to NTSC IX	260286	2870.5	
lost to additional IX by ATV	36906	242.9	
lost to all IX	297192	3113.5	

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	WFTT-TV	TAMPA FL	115.2	LIC	BLCDT -20060912ADB
47	WBHS-DT	TAMPA FL	115.2	PLN	DTVPLN -DTVP1356
48	WFXU	LIVE OAK FL	398.4	CP	BPCDT -19981028KF
48	WFXU-DT	LIVE OAK FL	328.7	PLN	DTVPLN -DTVP1386
49	WVEN-TV	DAYTONA BEACH FL	93.9	CP MOD	BMPCTD -20060630AFS
49	WNTO-DT	DAYTONA BEACH FL	137.3	PLN	DTVPLN -DTVP1413
49	WFGC	PALM BEACH FL	173.5	LIC	BLCDT -20060627ABB
49	WFGC-DT	PALM BEACH FL	173.5	PLN	DTVPLN -DTVP1415
49	WRXY-TV	TICE FL	159.7	LIC	BLCT -20050224AAF
48	WFUN-LP	MIAMI FL	251.7	APP	USERRECORD-01

Proposal causes no interference

#####

Analysis of current record

Channel	Call	City/State	Application Ref. No.
48	WWHB-CA	STUART FL	BLTTA -20021106ABQ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
40	WPPB-DR	BOCA RATON FL	114.8	APP	BPRM -20000328AAE
40	WPPB-TV	BOCA RATON FL	115.6	APP	BMPEDT -20060705ACF
44	WPPB-TV	BOCA RATON FL	114.8	CP	BPEDT -19991028ACM
44	WPPB-DT	BOCA RATON FL	114.8	PLN	DTVPLN -DTVP1257
45	WHFT-TV	MIAMI FL	114.8	LIC	BLCT -19951208KF
45	WHFT-TV	MIAMI FL	114.8	LIC	BMLCT -20051007ACP
46	WHFT-TV	MIAMI FL	114.8	LIC	BLCDT -20060221ACH
46	WHFT-DT	MIAMI FL	114.8	PLN	DTVPLN -DTVP1323
47	WYHS-DT	HOLLYWOOD FL	117.8	PLN	DTVPLN -DTVP1354
47	WAMI-TV	HOLLYWOOD FL	115.6	APP	BPCDT -20060113ACR
47	WAMI-TV	HOLLYWOOD FL	115.6	LIC	BLCDT -20021015ABJ
48	WOPX	MELBOURNE FL	150.9	LIC	BLCDT -20020510AAH
48	WIRB-DT	MELBOURNE FL	150.9	PLN	DTVPLN -DTVP1387
48	WFUN-LP	MIAMI FL	117.7	CP	BPTTL -20051109ACA
48	W48CN	SARASOTA FL	228.8	LIC	BLTT -20000725ABJ
49	WFGC	PALM BEACH FL	29.3	LIC	BLCDT -20060627ABB
49	WFGC-DT	PALM BEACH FL	29.3	PLN	DTVPLN -DTVP1415
50	WTVX	FORT PIERCE FL	23.4	LIC	BLCDT -20021030AAN
50	WTVX-DT	FORT PIERCE FL	23.4	PLN	DTVPLN -DTVP1442
51	WSCV	FORT LAUDERDALE FL	115.6	LIC	BLCT -20020805AAC
52	WSCV	FORT LAUDERDALE FL	115.6	LIC	BLCDT -20020805AAB
52	WSCV-DT	FORT LAUDERDALE FL	117.8	PLN	DTVPLN -DTVP1503
55	WPTV	WEST PALM BEACH FL	48.6	LIC	BLCDT -20030425AAD
55	WPTV-DT	WEST PALM BEACH FL	48.6	PLN	DTVPLN -DTVP1564
63	WPPB-TV	BOCA RATON FL	115.5	CP	BPET -20000301AAL
48	WFUN-LP	MIAMI FL	115.6	APP	USERRECORD-01

Proposal causes no interference

#####

Analysis of Interference to Affected Station 8

Analysis of current record

Channel	Call	City/State	Application Ref. No.
49	W49CL	MIAMI FL	BLTTL -20060124AAA

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
42	WXEL-TV	WEST PALM BEACH FL	65.9	LIC	BLET -20041005ACB
46	WHFT-TV	MIAMI FL	2.1	LIC	BLCDT -20060221ACH
46	WHFT-DT	MIAMI FL	2.1	PLN	DTVPLN -DTVP1323
47	WYHS-DT	HOLLYWOOD FL	2.7	PLN	DTVPLN -DTVP1354
47	WAMI-TV	HOLLYWOOD FL	0.0	APP	BPCDT -20060113ACR
47	WAMI-TV	HOLLYWOOD FL	0.0	LIC	BLCDT -20021015ABJ
48	WFUN-LP	MIAMI FL	2.6	CP	BPTTL -20051109ACA
49	WVEN-TV	DAYTONA BEACH FL	344.6	CP MOD	BMPCDT -20060630AFS
49	WNTO-DT	DAYTONA BEACH FL	388.5	PLN	DTVPLN -DTVP1413
49	WFGC	PALM BEACH FL	86.4	LIC	BLCDT -20060627ABB
49	WFGC-DT	PALM BEACH FL	86.4	PLN	DTVPLN -DTVP1415
49	WRXY-TV	TICE FL	182.5	LIC	BLCT -20050224AAF

50	WTVX	FORT PIERCE FL	127.8	LIC	BLCDT	-20021030AAN
50	WTVX-DT	FORT PIERCE FL	127.8	PLN	DTVPLN	-DTVP1442
50	WSBS-CA	MIAMI FL	0.0	LIC	BLTTA	-20050224ABG
51	WSCV	FORT LAUDERDALE FL	0.0	LIC	BLCT	-20020805AAC
52	WSCV	FORT LAUDERDALE FL	0.0	LIC	BLCDT	-20020805AAB
52	WSCV-DT	FORT LAUDERDALE FL	2.7	PLN	DTVPLN	-DTVP1503
57	NEW	BOYNTON BEACH FL	65.9	APP	BPRM	-20000914AAV
63	WPPB-TV	BOCA RATON FL	0.0	CP	BPET	-20000301AAL
48	WFUN-LP	MIAMI FL	0.0	APP		USERRECORD-01

Total scenarios = 12

Result key: 1
 Scenario 1 Affected station 8 W49CL
 Before Analysis

Results for: 49N FL MIAMI

	BLTTL	20060124AAA	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1664479	1293.6	
not affected by terrain losses	1664479	1293.6	
lost to NTSC IX	877017	667.0	
lost to additional IX by ATV	0	0.0	
lost to all IX	877017	667.0	

Potential Interfering Stations Included in above Scenario 1

51N FL FORT LAUDERDALE	BLCT	20020805AAC	LIC
63N FL BOCA RATON	BPET	20000301AAL	CP
46A FL MIAMI	BLCDT	20060221ACH	LIC
47A FL HOLLYWOOD	DTVPLN	DTVP1354	PLN
49A FL PALM BEACH	BLCDT	20060627ABB	LIC
48N FL MIAMI	BPTTL	20051109ACA	CP

After Analysis

Results for: 49N FL MIAMI

	BLTTL	20060124AAA	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1664479	1293.6	
not affected by terrain losses	1664479	1293.6	
lost to NTSC IX	370757	319.2	
lost to additional IX by ATV	0	0.0	
lost to all IX	370757	319.2	

Potential Interfering Stations Included in above Scenario 1

51N FL FORT LAUDERDALE	BLCT	20020805AAC	LIC
63N FL BOCA RATON	BPET	20000301AAL	CP
46A FL MIAMI	BLCDT	20060221ACH	LIC
47A FL HOLLYWOOD	DTVPLN	DTVP1354	PLN
49A FL PALM BEACH	BLCDT	20060627ABB	LIC
48N FL MIAMI		USERRECORD01	APP

Result key: 2
 Scenario 2 Affected station 8 W49CL
 Before Analysis

Results for: 49N FL MIAMI

	BLTTL	20060124AAA	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1664479	1293.6	

not affected by terrain losses	1664479	1293.6
lost to NTSC IX	877017	667.0
lost to additional IX by ATV	0	0.0
lost to all IX	877017	667.0

Potential Interfering Stations Included in above Scenario 2

51N FL FORT LAUDERDALE	BLCT	20020805AAC	LIC
63N FL BOCA RATON	BPET	20000301AAL	CP
46A FL MIAMI	BLCDT	20060221ACH	LIC
47A FL HOLLYWOOD	DTVPLN	DTVP1354	PLN
49A FL PALM BEACH	DTVPLN	DTVP1415	PLN
48N FL MIAMI	BPTTL	20051109ACA	CP

After Analysis

Results for: 49N FL MIAMI	BLTTL	20060124AAA	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1664479	1293.6	
not affected by terrain losses	1664479	1293.6	
lost to NTSC IX	370757	319.2	
lost to additional IX by ATV	0	0.0	
lost to all IX	370757	319.2	

Potential Interfering Stations Included in above Scenario 2

51N FL FORT LAUDERDALE	BLCT	20020805AAC	LIC
63N FL BOCA RATON	BPET	20000301AAL	CP
46A FL MIAMI	BLCDT	20060221ACH	LIC
47A FL HOLLYWOOD	DTVPLN	DTVP1354	PLN
49A FL PALM BEACH	DTVPLN	DTVP1415	PLN
48N FL MIAMI	USERRECORD01		APP

Result key: 3

Scenario 3 Affected station 8 W49CL

Before Analysis

Results for: 49N FL MIAMI	BLTTL	20060124AAA	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1664479	1293.6	
not affected by terrain losses	1664479	1293.6	
lost to NTSC IX	877017	667.0	
lost to additional IX by ATV	0	0.0	
lost to all IX	877017	667.0	

Potential Interfering Stations Included in above Scenario 3

51N FL FORT LAUDERDALE	BLCT	20020805AAC	LIC
63N FL BOCA RATON	BPET	20000301AAL	CP
46A FL MIAMI	BLCDT	20060221ACH	LIC
47A FL HOLLYWOOD	BLCDT	20021015ABJ	LIC
49A FL PALM BEACH	BLCDT	20060627ABB	LIC
48N FL MIAMI	BPTTL	20051109ACA	CP

After Analysis

Results for: 49N FL MIAMI	BLTTL	20060124AAA	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1664479	1293.6	
not affected by terrain losses	1664479	1293.6	

lost to NTSC IX	370757	319.2
lost to additional IX by ATV	0	0.0
lost to all IX	370757	319.2

Potential Interfering Stations Included in above Scenario 3

51N FL FORT LAUDERDALE	BLCT	20020805AAC	LIC
63N FL BOCA RATON	BPET	20000301AAL	CP
46A FL MIAMI	BLCDT	20060221ACH	LIC
47A FL HOLLYWOOD	BLCDT	20021015ABJ	LIC
49A FL PALM BEACH	BLCDT	20060627ABB	LIC
48N FL MIAMI	USERRECORD01		APP

Result key: 4

Scenario 4 Affected station 8 W49CL

Before Analysis

Results for: 49N FL MIAMI		BLTTL	20060124AAA	LIC
		POPULATION	AREA (sq km)	
within Noise Limited Contour		1664479	1293.6	
not affected by terrain losses		1664479	1293.6	
lost to NTSC IX		877017	667.0	
lost to additional IX by ATV		0	0.0	
lost to all IX		877017	667.0	

Potential Interfering Stations Included in above Scenario 4

51N FL FORT LAUDERDALE	BLCT	20020805AAC	LIC
63N FL BOCA RATON	BPET	20000301AAL	CP
46A FL MIAMI	BLCDT	20060221ACH	LIC
47A FL HOLLYWOOD	BLCDT	20021015ABJ	LIC
49A FL PALM BEACH	DTVPLN	DTVP1415	PLN
48N FL MIAMI	BPTTL	20051109ACA	CP

After Analysis

Results for: 49N FL MIAMI		BLTTL	20060124AAA	LIC
		POPULATION	AREA (sq km)	
within Noise Limited Contour		1664479	1293.6	
not affected by terrain losses		1664479	1293.6	
lost to NTSC IX		370757	319.2	
lost to additional IX by ATV		0	0.0	
lost to all IX		370757	319.2	

Potential Interfering Stations Included in above Scenario 4

51N FL FORT LAUDERDALE	BLCT	20020805AAC	LIC
63N FL BOCA RATON	BPET	20000301AAL	CP
46A FL MIAMI	BLCDT	20060221ACH	LIC
47A FL HOLLYWOOD	BLCDT	20021015ABJ	LIC
49A FL PALM BEACH	DTVPLN	DTVP1415	PLN
48N FL MIAMI	USERRECORD01		APP

Result key: 5

Scenario 5 Affected station 8 W49CL

Before Analysis

Results for: 49N FL MIAMI		BLTTL	20060124AAA	LIC
		POPULATION	AREA (sq km)	
within Noise Limited Contour		1664479	1293.6	

not affected by terrain losses	1664479	1293.6
lost to NTSC IX	877017	667.0
lost to additional IX by ATV	0	0.0
lost to all IX	877017	667.0

Potential Interfering Stations Included in above Scenario 5

51N FL FORT LAUDERDALE	BLCT	20020805AAC	LIC
63N FL BOCA RATON	BPET	20000301AAL	CP
46A FL MIAMI	DTVPLN	DTVP1323	PLN
47A FL HOLLYWOOD	DTVPLN	DTVP1354	PLN
49A FL PALM BEACH	BLCDT	20060627ABB	LIC
48N FL MIAMI	BPTTL	20051109ACA	CP

After Analysis

Results for: 49N FL MIAMI	BLTTL	20060124AAA	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1664479	1293.6	
not affected by terrain losses	1664479	1293.6	
lost to NTSC IX	370757	319.2	
lost to additional IX by ATV	0	0.0	
lost to all IX	370757	319.2	

Potential Interfering Stations Included in above Scenario 5

51N FL FORT LAUDERDALE	BLCT	20020805AAC	LIC
63N FL BOCA RATON	BPET	20000301AAL	CP
46A FL MIAMI	DTVPLN	DTVP1323	PLN
47A FL HOLLYWOOD	DTVPLN	DTVP1354	PLN
49A FL PALM BEACH	BLCDT	20060627ABB	LIC
48N FL MIAMI	USERRECORD01		APP

Result key: 6

Scenario 6 Affected station 8 W49CL

Before Analysis

Results for: 49N FL MIAMI	BLTTL	20060124AAA	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1664479	1293.6	
not affected by terrain losses	1664479	1293.6	
lost to NTSC IX	877017	667.0	
lost to additional IX by ATV	0	0.0	
lost to all IX	877017	667.0	

Potential Interfering Stations Included in above Scenario 6

51N FL FORT LAUDERDALE	BLCT	20020805AAC	LIC
63N FL BOCA RATON	BPET	20000301AAL	CP
46A FL MIAMI	DTVPLN	DTVP1323	PLN
47A FL HOLLYWOOD	DTVPLN	DTVP1354	PLN
49A FL PALM BEACH	DTVPLN	DTVP1415	PLN
48N FL MIAMI	BPTTL	20051109ACA	CP

After Analysis

Results for: 49N FL MIAMI	BLTTL	20060124AAA	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1664479	1293.6	
not affected by terrain losses	1664479	1293.6	

lost to NTSC IX	370757	319.2
lost to additional IX by ATV	0	0.0
lost to all IX	370757	319.2

Potential Interfering Stations Included in above Scenario 6

51N FL FORT LAUDERDALE	BLCT	20020805AAC	LIC
63N FL BOCA RATON	BPET	20000301AAL	CP
46A FL MIAMI	DTVPLN	DTVP1323	PLN
47A FL HOLLYWOOD	DTVPLN	DTVP1354	PLN
49A FL PALM BEACH	DTVPLN	DTVP1415	PLN
48N FL MIAMI	USERRECORD01		APP

Result key: 7

Scenario 7 Affected station 8 W49CL

Before Analysis

Results for: 49N FL MIAMI		BLTTL	20060124AAA	LIC
		POPULATION	AREA (sq km)	
within Noise Limited Contour		1664479	1293.6	
not affected by terrain losses		1664479	1293.6	
lost to NTSC IX		877017	667.0	
lost to additional IX by ATV		0	0.0	
lost to all IX		877017	667.0	

Potential Interfering Stations Included in above Scenario 7

51N FL FORT LAUDERDALE	BLCT	20020805AAC	LIC
63N FL BOCA RATON	BPET	20000301AAL	CP
46A FL MIAMI	DTVPLN	DTVP1323	PLN
47A FL HOLLYWOOD	BLCDT	20021015ABJ	LIC
49A FL PALM BEACH	BLCDT	20060627ABB	LIC
48N FL MIAMI	BPTTL	20051109ACA	CP

After Analysis

Results for: 49N FL MIAMI		BLTTL	20060124AAA	LIC
		POPULATION	AREA (sq km)	
within Noise Limited Contour		1664479	1293.6	
not affected by terrain losses		1664479	1293.6	
lost to NTSC IX		370757	319.2	
lost to additional IX by ATV		0	0.0	
lost to all IX		370757	319.2	

Potential Interfering Stations Included in above Scenario 7

51N FL FORT LAUDERDALE	BLCT	20020805AAC	LIC
63N FL BOCA RATON	BPET	20000301AAL	CP
46A FL MIAMI	DTVPLN	DTVP1323	PLN
47A FL HOLLYWOOD	BLCDT	20021015ABJ	LIC
49A FL PALM BEACH	BLCDT	20060627ABB	LIC
48N FL MIAMI	USERRECORD01		APP

Result key: 8

Scenario 8 Affected station 8 W49CL

Before Analysis

Results for: 49N FL MIAMI		BLTTL	20060124AAA	LIC
		POPULATION	AREA (sq km)	
within Noise Limited Contour		1664479	1293.6	

not affected by terrain losses	1664479	1293.6
lost to NTSC IX	877017	667.0
lost to additional IX by ATV	0	0.0
lost to all IX	877017	667.0

Potential Interfering Stations Included in above Scenario 8

51N FL FORT LAUDERDALE	BLCT	20020805AAC	LIC
63N FL BOCA RATON	BPET	20000301AAL	CP
46A FL MIAMI	DTVPLN	DTVP1323	PLN
47A FL HOLLYWOOD	BLCDT	20021015ABJ	LIC
49A FL PALM BEACH	DTVPLN	DTVP1415	PLN
48N FL MIAMI	BPTTL	20051109ACA	CP

After Analysis

Results for: 49N FL MIAMI	BLTTL	20060124AAA	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1664479	1293.6	
not affected by terrain losses	1664479	1293.6	
lost to NTSC IX	370757	319.2	
lost to additional IX by ATV	0	0.0	
lost to all IX	370757	319.2	

Potential Interfering Stations Included in above Scenario 8

51N FL FORT LAUDERDALE	BLCT	20020805AAC	LIC
63N FL BOCA RATON	BPET	20000301AAL	CP
46A FL MIAMI	DTVPLN	DTVP1323	PLN
47A FL HOLLYWOOD	BLCDT	20021015ABJ	LIC
49A FL PALM BEACH	DTVPLN	DTVP1415	PLN
48N FL MIAMI	USERRECORD01		APP

Result key: 9

Scenario 9 Affected station 8 W49CL

Before Analysis

Results for: 49N FL MIAMI	BLTTL	20060124AAA	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1664479	1293.6	
not affected by terrain losses	1664479	1293.6	
lost to NTSC IX	877017	667.0	
lost to additional IX by ATV	0	0.0	
lost to all IX	877017	667.0	

Potential Interfering Stations Included in above Scenario 9

51N FL FORT LAUDERDALE	BLCT	20020805AAC	LIC
63N FL BOCA RATON	BPET	20000301AAL	CP
46A FL MIAMI	BLCDT	20060221ACH	LIC
47A FL HOLLYWOOD	BPCDT	20060113ACR	APP
49A FL PALM BEACH	BLCDT	20060627ABB	LIC
48N FL MIAMI	BPTTL	20051109ACA	CP

After Analysis

Results for: 49N FL MIAMI	BLTTL	20060124AAA	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1664479	1293.6	
not affected by terrain losses	1664479	1293.6	

lost to NTSC IX	370757	319.2
lost to additional IX by ATV	0	0.0
lost to all IX	370757	319.2

Potential Interfering Stations Included in above Scenario 9

51N FL FORT LAUDERDALE	BLCT	20020805AAC	LIC
63N FL BOCA RATON	BPET	20000301AAL	CP
46A FL MIAMI	BLCDT	20060221ACH	LIC
47A FL HOLLYWOOD	BPCDT	20060113ACR	APP
49A FL PALM BEACH	BLCDT	20060627ABB	LIC
48N FL MIAMI	USERRECORD01		APP

Result key: 10

Scenario 10 Affected station 8 W49CL

Before Analysis

Results for: 49N FL MIAMI		BLTTL	20060124AAA	LIC
		POPULATION	AREA (sq km)	
within Noise Limited Contour		1664479	1293.6	
not affected by terrain losses		1664479	1293.6	
lost to NTSC IX		877017	667.0	
lost to additional IX by ATV		0	0.0	
lost to all IX		877017	667.0	

Potential Interfering Stations Included in above Scenario 10

51N FL FORT LAUDERDALE	BLCT	20020805AAC	LIC
63N FL BOCA RATON	BPET	20000301AAL	CP
46A FL MIAMI	BLCDT	20060221ACH	LIC
47A FL HOLLYWOOD	BPCDT	20060113ACR	APP
49A FL PALM BEACH	DTVPLN	DTVP1415	PLN
48N FL MIAMI	BPTTL	20051109ACA	CP

After Analysis

Results for: 49N FL MIAMI		BLTTL	20060124AAA	LIC
		POPULATION	AREA (sq km)	
within Noise Limited Contour		1664479	1293.6	
not affected by terrain losses		1664479	1293.6	
lost to NTSC IX		370757	319.2	
lost to additional IX by ATV		0	0.0	
lost to all IX		370757	319.2	

Potential Interfering Stations Included in above Scenario 10

51N FL FORT LAUDERDALE	BLCT	20020805AAC	LIC
63N FL BOCA RATON	BPET	20000301AAL	CP
46A FL MIAMI	BLCDT	20060221ACH	LIC
47A FL HOLLYWOOD	BPCDT	20060113ACR	APP
49A FL PALM BEACH	DTVPLN	DTVP1415	PLN
48N FL MIAMI	USERRECORD01		APP

Result key: 11

Scenario 11 Affected station 8 W49CL

Before Analysis

Results for: 49N FL MIAMI		BLTTL	20060124AAA	LIC
		POPULATION	AREA (sq km)	
within Noise Limited Contour		1664479	1293.6	

not affected by terrain losses	1664479	1293.6
lost to NTSC IX	877017	667.0
lost to additional IX by ATV	0	0.0
lost to all IX	877017	667.0

Potential Interfering Stations Included in above Scenario 11

51N FL FORT LAUDERDALE	BLCT	20020805AAC	LIC
63N FL BOCA RATON	BPET	20000301AAL	CP
46A FL MIAMI	DTVPLN	DTVP1323	PLN
47A FL HOLLYWOOD	BPCDT	20060113ACR	APP
49A FL PALM BEACH	BLCDT	20060627ABB	LIC
48N FL MIAMI	BPTTL	20051109ACA	CP

After Analysis

Results for: 49N FL MIAMI		BLTTL	20060124AAA	LIC
		POPULATION	AREA (sq km)	
within Noise Limited Contour	1664479	1293.6		
not affected by terrain losses	1664479	1293.6		
lost to NTSC IX	370757	319.2		
lost to additional IX by ATV	0	0.0		
lost to all IX	370757	319.2		

Potential Interfering Stations Included in above Scenario 11

51N FL FORT LAUDERDALE	BLCT	20020805AAC	LIC
63N FL BOCA RATON	BPET	20000301AAL	CP
46A FL MIAMI	DTVPLN	DTVP1323	PLN
47A FL HOLLYWOOD	BPCDT	20060113ACR	APP
49A FL PALM BEACH	BLCDT	20060627ABB	LIC
48N FL MIAMI	USERRECORD01		APP

Result key: 12

Scenario 12 Affected station 8 W49CL

Before Analysis

Results for: 49N FL MIAMI		BLTTL	20060124AAA	LIC
		POPULATION	AREA (sq km)	
within Noise Limited Contour	1664479	1293.6		
not affected by terrain losses	1664479	1293.6		
lost to NTSC IX	877017	667.0		
lost to additional IX by ATV	0	0.0		
lost to all IX	877017	667.0		

Potential Interfering Stations Included in above Scenario 12

51N FL FORT LAUDERDALE	BLCT	20020805AAC	LIC
63N FL BOCA RATON	BPET	20000301AAL	CP
46A FL MIAMI	DTVPLN	DTVP1323	PLN
47A FL HOLLYWOOD	BPCDT	20060113ACR	APP
49A FL PALM BEACH	DTVPLN	DTVP1415	PLN
48N FL MIAMI	BPTTL	20051109ACA	CP

After Analysis

Results for: 49N FL MIAMI		BLTTL	20060124AAA	LIC
		POPULATION	AREA (sq km)	
within Noise Limited Contour	1664479	1293.6		
not affected by terrain losses	1664479	1293.6		

lost to NTSC IX	370757	319.2
lost to additional IX by ATV	0	0.0
lost to all IX	370757	319.2

Potential Interfering Stations Included in above Scenario 12

51N FL FORT LAUDERDALE	BLCT	20020805AAC	LIC
63N FL BOCA RATON	BPET	20000301AAL	CP
46A FL MIAMI	DTVPLN	DTVP1323	PLN
47A FL HOLLYWOOD	BPCDT	20060113ACR	APP
49A FL PALM BEACH	DTVPLN	DTVP1415	PLN
48N FL MIAMI	USERRECORD01		APP

#####

Analysis of Interference to Affected Station 9

DTV Baseline Analysis

Channel	Call	City/State	Application Ref. No.
49	WFGC-DT	PALM BEACH FL	DTVPLN -DTVP1415

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
48	WIRB-DT	MELBOURNE FL	173.5	PLN	DTVPLN -DTVP1387
49	WNTO-DT	DAYTONA BEACH FL	307.6	PLN	DTVPLN -DTVP1413
49	WRXYTV	TICE FL	157.7	PLN	DTVPLN -NPLN1749
50	WTVX-DT	FORT PIERCE FL	43.9	PLN	DTVPLN -DTVP1442

Results for: 49A FL PALM BEACH DTVPLN DTVP1415 PLN
HAAT 125.0 m, ATV ERP 101.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1429136	10204.3
not affected by terrain losses	1429136	10204.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	35470	252.0
lost to ATV IX only	35470	252.0
lost to all IX	35470	252.0

NTSC Baseline Analysis

Channel	Call	City/State	Application Ref. No.
61	WFGC	PALM BEACH FL	DTVPLN -NPLN1924

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
63	WPPBT	BOCA RATON FL	85.7	PLN	DTVPLN -NPLN1949
68	WBCC	COCOA FL	185.3	PLN	DTVPLN -NPLN1999
69	WYHSTV	HOLLYWOOD FL	88.6	PLN	DTVPLN -NPLN2011

Results for: 61N FL PALM BEACH DTVPLN NPLN1924 PLN
POPULATION AREA (sq km)

within Noise Limited Contour	1429136	10204.3
not affected by terrain losses	1429136	10204.3
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.
49	WFGC	PALM BEACH FL	BLCDT -20060627ABB

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
48	WOPX	MELBOURNE FL	173.5	LIC	BLCDT -20020510AAH
48	WIRB-DT	MELBOURNE FL	173.5	PLN	DTVPLN -DTVP1387
49	WVEN-TV	DAYTONA BEACH FL	263.7	CP MOD	BMPCT -20060630AFS
49	WNTO-DT	DAYTONA BEACH FL	307.6	PLN	DTVPLN -DTVP1413
49	WRXY-TV	TICE FL	157.7	LIC	BLCT -20050224AAF
50	WTGX	FORT PIERCE FL	43.8	LIC	BLCDT -20021030AAN
50	WTGX-DT	FORT PIERCE FL	43.9	PLN	DTVPLN -DTVP1442
48	WFUN-LP	MIAMI FL	86.4	APP	USERRECORD-01

Proposal causes no interference

#####

Analysis of Interference to Affected Station 10

NTSC Baseline Analysis

Channel	Call	City/State	Application Ref. No.
51	WSCV	FORT LAUDERDALE FL	DTVPLN -NPLN1792

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
44	WPPB-DT	BOCA RATON FL	4.6	PLN	DTVPLN -DTVP1257
47	WYHS-DT	HOLLYWOOD FL	0.0	PLN	DTVPLN -DTVP1354
49	WFGC-DT	PALM BEACH FL	88.6	PLN	DTVPLN -DTVP1415
50	WTGX-DT	FORT PIERCE FL	129.7	PLN	DTVPLN -DTVP1442
51	WTGL-DT	COCOA FL	269.3	PLN	DTVPLN -DTVP1473
52	WSCV-DT	FORT LAUDERDALE FL	0.0	PLN	DTVPLN -DTVP1503
55	WPTV-DT	WEST PALM BEACH FL	69.2	PLN	DTVPLN -DTVP1564

Results for: 51N FL FORT LAUDERDALE		DTVPLN	NPLN1792	PLN
		POPULATION	AREA (sq km)	
within Noise Limited Contour	3621248	13410.0		
not affected by terrain losses	3621248	13410.0		
lost to NTSC IX	0	0.0		
lost to additional IX by ATV	189	4.9		
lost to all IX	189	4.9		

Analysis of current record

Channel	Call	City/State	Application Ref. No.
51	WSCV	FORT LAUDERDALE FL	BLCT -20020805AAC

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
44	WPPB-TV	BOCA RATON FL	2.1	CP	BPEDT -19991028ACM
44	WPPB-DT	BOCA RATON FL	2.1	PLN	DTVPLN -DTVP1257
47	WYHS-DT	HOLLYWOOD FL	2.7	PLN	DTVPLN -DTVP1354
47	WAMI-TV	HOLLYWOOD FL	0.0	APP	BPCDT -20060113ACR
47	WAMI-TV	HOLLYWOOD FL	0.0	LIC	BLCDT -20021015ABJ
49	WFGC	PALM BEACH FL	86.4	LIC	BLCDT -20060627ABB
49	WFGC-DT	PALM BEACH FL	86.4	PLN	DTVPLN -DTVP1415

50	WTVX	FORT PIERCE FL	127.8	LIC	BLCDT	-20021030AAN
50	WTVX-DT	FORT PIERCE FL	127.8	PLN	DTVPLN	-DTVP1442
51	WTGL-DT	COCOA FL	267.7	PLN	DTVPLN	-DTVP1473
52	WSCV	FORT LAUDERDALE FL	0.0	LIC	BLCDT	-20020805AAB
52	WSCV-DT	FORT LAUDERDALE FL	2.7	PLN	DTVPLN	-DTVP1503
55	WPTV	WEST PALM BEACH FL	67.1	LIC	BLCDT	-20030425AAD
55	WPTV-DT	WEST PALM BEACH FL	67.1	PLN	DTVPLN	-DTVP1564
59	WHDT	STUART FL	83.1	CP	BPCDT	-19960920LH
48	WFUN-LP	MIAMI FL	0.0	APP	USERRECORD-01	

Proposal causes no interference

#####
FINISHED FINISHED FINISHED FINISHED FINISHED FINISHED

Summary of Calculations

1 33	WBFS-TV	MIAMI FL	LIC	BLCT	-19850125KE
2 45	WHFT-TV	MIAMI FL	LIC	BLCT	-19951208KF
3 45	WHFT-TV	MIAMI FL	LIC	BMLCT	-20051007ACP
4 47	WAMI-TV	HOLLYWOOD FL	LIC	BLCDT	-20021015ABJ
5 48	W48DE	ISLAMORADA FL	CP	BNPTTL	-20000828BFK
6 48	WOPX	MELBOURNE FL	LIC	BLCDT	-20020510AAH
7 48	WWHB-CA	STUART FL	LIC	BLTTA	-20021106ABQ
8 49	W49CL	MIAMI FL	LIC	BLTTL	-20060124AAA
9 49	WFGC	PALM BEACH FL	LIC	BLCDT	-20060627ABB
10 51	WSCV	FORT LAUDERDALE FL	LIC	BLCT	-20020805AAC
11 48	WFUN-LP	MIAMI FL	APP	USERRECORD-01	

Result Key	Scenario	Affected Station	Before	After	Baseline	Net Change	Percentage
There is no interference to station 1	1						
There is no interference to station 2	2						
There is no interference to station 3	3						
There is no interference to station 4	4						
There is no interference to station 5	5						
There is no interference to station 6	6						
There is no interference to station 7	7						
1	1	8	877017	370757	1664479	-506260	-30.416
There is no interference to station 9	9						
There is no interference to station 10	10						

Figure 3

**ELEVATION TABULATED DATA**

Type: ALP24L3
 Polarization: Horizontal

Angle	Field	dB	Angle	Field	dB	Angle	Field	dB	Angle	Field	dB
5.00	0.189	-14.47	-6.50	0.107	-19.41	-42.00	0.012	-38.42	-88.00	0.004	-47.96
4.75	0.162	-15.81	-6.75	0.129	-17.79	-43.00	0.032	-29.90	-89.00	0.002	-53.98
4.50	0.109	-19.25	-7.00	0.127	-17.92	-44.00	0.029	-30.75	-90.00	0.000	-40.00
4.25	0.045	-26.84	-7.25	0.101	-19.91	-45.00	0.068	-23.35			
4.00	0.055	-25.19	-7.50	0.061	-24.29	-46.00	0.074	-22.62			
3.75	0.118	-18.53	-7.75	0.032	-30.03	-47.00	0.040	-27.96			
3.50	0.164	-15.70	-8.00	0.056	-25.04	-48.00	0.006	-44.44			
3.25	0.178	-14.97	-8.25	0.090	-20.87	-49.00	0.003	-50.46			
3.00	0.161	-15.86	-8.50	0.109	-19.25	-50.00	0.013	-37.72			
2.75	0.112	-19.02	-8.75	0.108	-19.33	-51.00	0.010	-40.00			
2.50	0.054	-25.35	-9.00	0.094	-20.54	-52.00	0.016	-35.92			
2.25	0.075	-22.50	-9.25	0.089	-20.96	-53.00	0.029	-30.75			
2.00	0.143	-16.89	-9.50	0.117	-18.64	-54.00	0.015	-36.48			
1.75	0.194	-14.27	-9.75	0.170	-15.37	-55.00	0.020	-33.98			
1.50	0.213	-13.43	-10.00	0.227	-12.88	-56.00	0.038	-28.40			
1.25	0.200	-13.98	-11.00	0.294	-10.63	-57.00	0.022	-33.15			
1.00	0.188	-14.52	-12.00	0.106	-19.49	-58.00	0.024	-32.40			
0.75	0.246	-12.16	-13.00	0.029	-30.75	-59.00	0.051	-25.85			
0.50	0.381	-8.38	-14.00	0.008	-41.94	-60.00	0.049	-26.20			
0.25	0.553	-5.14	-15.00	0.007	-43.10	-61.00	0.079	-22.05			
0.00	0.726	-2.78	-16.00	0.013	-37.72	-62.00	0.166	-15.60			
-0.25	0.870	-1.21	-17.00	0.026	-31.70	-63.00	0.245	-12.22			
-0.50	0.968	-0.28	-18.00	0.015	-36.48	-64.00	0.278	-11.12			
-0.75	1.000	0.00	-19.00	0.046	-26.74	-65.00	0.251	-12.01			
-1.00	0.966	-0.30	-20.00	0.063	-24.01	-66.00	0.181	-14.85			
-1.25	0.865	-1.26	-21.00	0.212	-13.47	-67.00	0.094	-20.54			
-1.50	0.712	-2.95	-22.00	0.223	-13.03	-68.00	0.041	-27.74			
-1.75	0.525	-5.60	-23.00	0.065	-23.74	-69.00	0.065	-23.74			
-2.00	0.332	-9.58	-24.00	0.066	-23.61	-70.00	0.081	-21.83			
-2.25	0.182	-14.77	-25.00	0.026	-31.70	-71.00	0.072	-22.85			
-2.50	0.163	-15.76	-26.00	0.034	-29.37	-72.00	0.048	-26.38			
-2.75	0.237	-12.49	-27.00	0.013	-37.72	-73.00	0.022	-33.15			
-3.00	0.290	-10.75	-28.00	0.014	-37.08	-74.00	0.021	-33.56			
-3.25	0.294	-10.63	-29.00	0.004	-47.96	-75.00	0.035	-29.12			
-3.50	0.254	-11.90	-30.00	0.000	-40.00	-76.00	0.042	-27.54			
-3.75	0.181	-14.82	-31.00	0.007	-43.10	-77.00	0.041	-27.74			
-4.00	0.100	-20.00	-32.00	0.049	-26.20	-78.00	0.035	-29.12			
-4.25	0.074	-22.62	-33.00	0.106	-19.49	-79.00	0.026	-31.70			
-4.50	0.125	-18.06	-34.00	0.088	-21.11	-80.00	0.017	-35.39			
-4.75	0.173	-15.24	-35.00	0.024	-32.40	-81.00	0.009	-40.92			
-5.00	0.192	-14.33	-36.00	0.056	-25.04	-82.00	0.004	-47.96			
-5.25	0.178	-14.99	-37.00	0.019	-34.42	-83.00	0.005	-46.02			
-5.50	0.137	-17.27	-38.00	0.042	-27.54	-84.00	0.007	-43.10			
-5.75	0.077	-22.21	-39.00	0.027	-31.37	-85.00	0.008	-41.94			
-6.00	0.027	-31.37	-40.00	0.024	-32.40	-86.00	0.007	-43.10			
-6.25	0.063	-24.01	-41.00	0.031	-30.17	-87.00	0.006	-44.44			

