

OET-69 Interference Analysis (WEDY, New Haven, CT, Ch. 41) (Summary Results)

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
/export/home/cdbb/pt_tvdb.sff
TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 04-29-2011

Record Selected for Analysis

WEDY USERRECORD-01 NEW HAVEN CT US
Channel 41 ERP 60. kW HAAT 94. m RCAMSL 00134 m
Latitude 041-19-42 Longitude 0072-54-25
Status APP Zone 1 Border Site number: 01
Last update Cutoff date Docket
Comments
Applicant

Cell Size for Service Analysis 2.0 km/side

Distance Increments for Longley-Rice Analysis 1.00 km

Facility (site # 01) meets maximum height/power limits

Site number	1			
Azimuth	ERP	HAAT	41.0	dBu F(50,90)
(Deg)	(kW)	(m)	(km)	
0.0	60.000	90.6	58.7	
45.0	60.000	100.0	59.9	
90.0	60.000	89.7	58.6	
135.0	60.000	121.5	62.1	
180.0	60.000	133.7	63.0	
225.0	60.000	112.2	61.2	
270.0	60.000	67.6	55.3	
315.0	60.000	33.0	46.0	

Evaluation toward Class A Stations from site # 01

No Spacing violations or contour overlap
to Class A stations from site # 01

Class A Evaluation Complete

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

OET-69 Interference Analysis (WEDY, New Haven, CT, Ch. 41) (Summary Results)

Channel	Proposed Station	Call	City/State	ARN
41	WEDY	NEW HAVEN CT		USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
40	WGGB-TV	SPRINGFIELD MA	103.7	LIC	BLCDT	20090622AEC
40	WGGB-TV	SPRINGFIELD MA	103.7	CP MOD	BMPCDT	20081124ACP
40	WDPX-TV	VINEYARD HAVEN MA	216.8	LIC	BLCDT	20040406AAF
40	WDPX-TV	VINEYARD HAVEN MA	216.8	CP	BPCDT	20080620ACS
40	WXTV-DT	PATERSON NJ	111.1	LIC	BLCDT	20050214AGS
41	WLVI	CAMBRIDGE MA	176.9	LIC	BLCDT	20070212ABF
41	WLVI	CAMBRIDGE MA	176.9	CP	BPCDT	20090715AHM
41	WUTB	BALTIMORE MD	397.6	CP	BPCDT	20080619AJG
41	WUTB	BALTIMORE MD	397.6	LIC	BLCDT	20080528AAR
41	WPBS-DT	WATERTOWN NY	364.1	CP	BPEDT	20080619ABP
41	WPBS-DT	WATERTOWN NY	364.1	LIC	BLEDT	20050923AGH
41	WVIA-TV	SCRANTON PA	248.2	LIC	BLEDT	20091103AAN
42	WSAH	BRIDGEPORT CT	17.6	LIC	BLCDT	20061218ACB
42	WHDH	BOSTON MA	177.6	CP	BPCDT	20100528ACN
42	WHDH-DR	BOSTON MA	177.6	APP	BPRM	20090706ABZ

%%%

Analysis of Interference to Affected Station 1

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
40	WGGB-TV	SPRINGFIELD MA	BLCDT	-20090622AEC

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
39	WCTX	NEW HAVEN CT	94.4	LIC	BLCDT	-20040507AAZ
39	WSBK-TV	BOSTON MA	116.4	LIC	BLCDT	-20021009AAF
40	WDPX-TV	VINEYARD HAVEN MA	199.9	LIC	BLCDT	-20040406AAF
40	WDPX-TV	VINEYARD HAVEN MA	199.9	CP	BPCDT	-20080620ACS
40	WXTV-DT	PATERSON NJ	199.8	LIC	BLCDT	-20050214AGS
40	WNMN	SARANAC LAKE NY	262.2	CP MOD	BMPCDT	-20091209ABD
41	WLVI	CAMBRIDGE MA	117.9	LIC	BLCDT	-20070212ABF
41	WLVI	CAMBRIDGE MA	117.9	CP	BPCDT	-20090715AHM
41	WEDY	NEW HAVEN CT	103.7	APP	USERRECORD-01	

Total scenarios = 4

Result key: 1

Scenario 1 Affected station 1

Before Analysis

Results for: 40A MA SPRINGFIELD BLCDT 20090622AEC LIC

HAAT 324.0 m, ATV ERP 460.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3170528	23325.9
not affected by terrain losses	2668925	19611.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	342089	1653.5
lost to ATV IX only	342089	1653.5
lost to all IX	342089	1653.5

Potential Interfering Stations Included in above Scenario 1

39A CT NEW HAVEN	BLCDT	20040507AAZ	LIC
39A MA BOSTON	BLCDT	20021009AAF	LIC
40A MA VINEYARD HAVEN	BLCDT	20040406AAF	LIC
40A NJ PATERSON	BLCDT	20050214AGS	LIC
41A MA CAMBRIDGE	BLCDT	20070212ABF	LIC

After Analysis

OET-69 Interference Analysis (WEDY, New Haven, CT, Ch. 41) (Summary Results)

Results for: 40A MA SPRINGFIELD BLCDT 20090622AEC LIC
HAAT 324.0 m, ATV ERP 460.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3170528	23325.9
not affected by terrain losses	2668925	19611.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	342089	1653.5
lost to ATV IX only	342089	1653.5
lost to all IX	342089	1653.5

Potential Interfering Stations Included in above Scenario 1

39A CT NEW HAVEN	BLCDT	20040507AAZ	LIC
39A MA BOSTON	BLCDT	20021009AAF	LIC
40A MA VINEYARD HAVEN	BLCDT	20040406AAF	LIC
40A NJ PATERSON	BLCDT	20050214AGS	LIC
41A MA CAMBRIDGE	BLCDT	20070212ABF	LIC
41A CT NEW HAVEN	USERRECORD01		APP

Percent new IX = 0.0000%

Worst case new IX 0.0000% Scenario 1

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Analysis of Interference to Affected Station 2

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
40	WGGB-TV	SPRINGFIELD MA	BMPCDT	-20081124ACP

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
39	WCTX	NEW HAVEN CT	94.4	LIC	BLCDT	-20040507AAZ
39	WSBK-TV	BOSTON MA	116.4	LIC	BLCDT	-20021009AAF
40	WDPX-TV	VINEYARD HAVEN MA	199.9	LIC	BLCDT	-20040406AAF
40	WDPX-TV	VINEYARD HAVEN MA	199.9	CP	BPCDT	-20080620ACS
40	WXTV-DT	PATERSON NJ	199.8	LIC	BLCDT	-20050214AGS
40	WNMN	SARANAC LAKE NY	262.2	CP MOD	BMPCDT	-20091209ABD
41	WLVI	CAMBRIDGE MA	117.9	LIC	BLCDT	-20070212ABF
41	WLVI	CAMBRIDGE MA	117.9	CP	BPCDT	-20090715AHM
41	WEDY	NEW HAVEN CT	103.7	APP	USERRECORD-01	

Total scenarios = 4

Result key: 5

Scenario 1 Affected station 2

Before Analysis

Results for: 40A MA SPRINGFIELD BMPCDT 20081124ACP CP
HAAT 324.0 m, ATV ERP 460.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3292509	22119.7
not affected by terrain losses	2788366	18756.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	407037	1857.3
lost to ATV IX only	407037	1857.3
lost to all IX	407037	1857.3

Potential Interfering Stations Included in above Scenario 1

39A CT NEW HAVEN	BLCDT	20040507AAZ	LIC
39A MA BOSTON	BLCDT	20021009AAF	LIC
40A MA VINEYARD HAVEN	BLCDT	20040406AAF	LIC
40A NJ PATERSON	BLCDT	20050214AGS	LIC
41A MA CAMBRIDGE	BLCDT	20070212ABF	LIC

After Analysis

Results for: 40A MA SPRINGFIELD BMPCDT 20081124ACP CP

OET-69 Interference Analysis (WEDY, New Haven, CT, Ch. 41) (Summary Results)

HAAT 324.0 m, ATV ERP 460.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3292509	22119.7
not affected by terrain losses	2788366	18756.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	407037	1857.3
lost to ATV IX only	407037	1857.3
lost to all IX	407037	1857.3

Potential Interfering Stations Included in above Scenario 1

39A CT NEW HAVEN	BLCDT	20040507AAZ	LIC
39A MA BOSTON	BLCDT	20021009AAF	LIC
40A MA VINEYARD HAVEN	BLCDT	20040406AAF	LIC
40A NJ PATERSON	BLCDT	20050214AGS	LIC
41A MA CAMBRIDGE	BLCDT	20070212ABF	LIC
41A CT NEW HAVEN	USERRECORD01		APP

Percent new IX = 0.0000%

Worst case new IX 0.0000% Scenario 1

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Analysis of Interference to Affected Station 3

Analysis of current record

Channel	Call	City/State	Application Ref. No.
40	WDPX-TV	VINEYARD HAVEN MA	BLCDT -20040406AAF

Stations Potentially Affecting This Station

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.
40	WDPX-TV	VINEYARD HAVEN MA	BPCDT -20080620ACS

Stations Potentially Affecting This Station

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.
40	WXTV-DT	PATERSON NJ	BLCDT -20050214AGS

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
39	WCTX	NEW HAVEN CT	114.6	LIC	BLCDT -20040507AAZ
39	WLVT-TV	ALLENTOWN PA	124.3	LIC	BLEDT -20090605ABD
40	WGGB-TV	SPRINGFIELD MA	199.8	LIC	BLCDT -20090622AEC
40	WGGB-TV	SPRINGFIELD MA	199.8	CP MOD	BMPCDT -20081124ACP
40	WDPX-TV	VINEYARD HAVEN MA	321.7	LIC	BLCDT -20040406AAF
40	WDPX-TV	VINEYARD HAVEN MA	321.7	CP	BPCDT -20080620ACS
40	WNUV	BALTIMORE MD	275.7	LIC	BLCDT -20051011AOI
40	WNNM	SARANAC LAKE NY	399.5	CP MOD	BMPCDT -20091209ABD
41	WVIA-TV	SCRANTON PA	165.4	LIC	BLEDT -20091103AAN

OET-69 Interference Analysis (WEDY, New Haven, CT, Ch. 41) (Summary Results)

41 WEDY NEW HAVEN CT 111.1 APP USERRECORD-01

Total scenarios = 2

Result key: 9
Scenario 1 Affected station 5
Before Analysis

Results for: 40A NJ PATERSON BLC DT 20050214AGS LIC
HAAT 421.0 m, ATV ERP 300.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	19422187	25558.7
not affected by terrain losses	19105802	23695.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	74186	403.3
lost to ATV IX only	74186	403.3
lost to all IX	74186	403.3

Potential Interfering Stations Included in above Scenario 1

39A CT NEW HAVEN	BLC DT	20040507AAZ	LIC
39A PA ALLENTOWN	BLE DT	20090605ABD	LIC
40A MA SPRINGFIELD	BLC DT	20090622AEC	LIC
40A MA VINEYARD HAVEN	BPC DT	20080620ACS	CP
40A MD BALTIMORE	BLC DT	20051011AOI	LIC

After Analysis

Results for: 40A NJ PATERSON BLC DT 20050214AGS LIC
HAAT 421.0 m, ATV ERP 300.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	19422187	25558.7
not affected by terrain losses	19105802	23695.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	75707	407.4
lost to ATV IX only	75707	407.4
lost to all IX	75707	407.4

Potential Interfering Stations Included in above Scenario 1

39A CT NEW HAVEN	BLC DT	20040507AAZ	LIC
39A PA ALLENTOWN	BLE DT	20090605ABD	LIC
40A MA SPRINGFIELD	BLC DT	20090622AEC	LIC
40A MA VINEYARD HAVEN	BPC DT	20080620ACS	CP
40A MD BALTIMORE	BLC DT	20051011AOI	LIC
41A CT NEW HAVEN	USERRECORD01		APP

Percent new IX = 0.0080%

Worst case new IX 0.0080% Scenario 1

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Analysis of Interference to Affected Station 6

Analysis of current record

Channel	Call	City/State	Application Ref. No.
41	WLVI	CAMBRIDGE MA	BLC DT -20070212ABF

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
40	WGGB-TV	SPRINGFIELD MA	117.9	LIC	BLC DT -20090622AEC
40	WGGB-TV	SPRINGFIELD MA	117.9	CP MOD	BMPC DT -20081124ACP
40	WDPX-TV	VINEYARD HAVEN MA	99.2	LIC	BLC DT -20040406AAF
40	WDPX-TV	VINEYARD HAVEN MA	99.2	CP	BPC DT -20080620ACS
41	WPBS-DT	WATERTOWN NY	404.9	CP	BPEDT -20080619ABP
41	WPBS-DT	WATERTOWN NY	404.9	LIC	BLE DT -20050923AGH
41	WVIA-TV	SCRANTON PA	405.4	LIC	BLE DT -20091103AAN
42	WSAH	BRIDGEPORT CT	188.6	LIC	BLC DT -20061218ACB
42	WHDH	BOSTON MA	1.0	CP	BPC DT -20100528ACN

OET-69 Interference Analysis (WEDY, New Haven, CT, Ch. 41) (Summary Results)

42	WHDH-DR	BOSTON MA	1.0	APP	BPRM	-20090706ABZ
41	WEDY	NEW HAVEN CT	176.9	APP	USERRECORD-01	

Total scenarios = 12

Result key: 12
Scenario 2 Affected station 6
Before Analysis

Results for: 41A MA CAMBRIDGE BLCDT 20070212ABF LIC
HAAT 346.0 m, ATV ERP 550.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	6968359	24119.9
not affected by terrain losses	6895294	23107.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	31092	290.4
lost to ATV IX only	31092	290.4
lost to all IX	31092	290.4

Potential Interfering Stations Included in above Scenario 2

40A MA SPRINGFIELD	BLCDT	20090622AEC	LIC
40A MA VINEYARD HAVEN	BPCDT	20080620ACS	CP
42A MA BOSTON	BPCDT	20100528ACN	CP

After Analysis

Results for: 41A MA CAMBRIDGE BLCDT 20070212ABF LIC
HAAT 346.0 m, ATV ERP 550.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	6968359	24119.9
not affected by terrain losses	6895294	23107.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	47505	427.5
lost to ATV IX only	47505	427.5
lost to all IX	47505	427.5

Potential Interfering Stations Included in above Scenario 2

40A MA SPRINGFIELD	BLCDT	20090622AEC	LIC
40A MA VINEYARD HAVEN	BPCDT	20080620ACS	CP
42A MA BOSTON	BPCDT	20100528ACN	CP
41A CT NEW HAVEN	USERRECORD01		APP

Percent new IX = 0.2391%

Worst case new IX 0.2391% Scenario 2

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Analysis of Interference to Affected Station 7

Analysis of current record

Channel	Call	City/State	Application Ref. No.
41	WLVI	CAMBRIDGE MA	BPCDT -20090715AHM

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
40	WGGB-TV	SPRINGFIELD MA	117.9	LIC	BLCDT -20090622AEC
40	WGGB-TV	SPRINGFIELD MA	117.9	CP MOD	BMPCDT -20081124ACP
40	WDPX-TV	VINEYARD HAVEN MA	99.2	LIC	BLCDT -20040406AAF
40	WDPX-TV	VINEYARD HAVEN MA	99.2	CP	BPCDT -20080620ACS
41	WPBS-DT	WATERTOWN NY	404.9	CP	BPEDT -20080619ABP
41	WPBS-DT	WATERTOWN NY	404.9	LIC	BLEDT -20050923AGH
41	WVIA-TV	SCRANTON PA	405.4	LIC	BLEDT -20091103AAN
42	WSAH	BRIDGEPORT CT	188.6	LIC	BLCDT -20061218ACB
42	WHDH	BOSTON MA	1.0	CP	BPCDT -20100528ACN
42	WHDH-DR	BOSTON MA	1.0	APP	BPRM -20090706ABZ
41	WEDY	NEW HAVEN CT	176.9	APP	USERRECORD-01

Total scenarios = 12

OET-69 Interference Analysis (WEDY, New Haven, CT, Ch. 41) (Summary Results)

Result key: 24
Scenario 2 Affected station 7
Before Analysis

Results for: 41A MA CAMBRIDGE BPCDT 20090715AHM CP
HAAT 346.0 m, ATV ERP 690.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	7027942	25091.9
not affected by terrain losses	6939960	23922.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	30962	298.4
lost to ATV IX only	30962	298.4
lost to all IX	30962	298.4

Potential Interfering Stations Included in above Scenario 2

40A MA SPRINGFIELD	BLCDDT	20090622AEC	LIC
40A MA VINEYARD HAVEN	BPCDT	20080620ACS	CP
42A MA BOSTON	BPCDT	20100528ACN	CP

After Analysis

Results for: 41A MA CAMBRIDGE BPCDT 20090715AHM CP
HAAT 346.0 m, ATV ERP 690.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	7027942	25091.9
not affected by terrain losses	6939960	23922.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	41400	475.9
lost to ATV IX only	41400	475.9
lost to all IX	41400	475.9

Potential Interfering Stations Included in above Scenario 2

40A MA SPRINGFIELD	BLCDDT	20090622AEC	LIC
40A MA VINEYARD HAVEN	BPCDT	20080620ACS	CP
42A MA BOSTON	BPCDT	20100528ACN	CP
41A CT NEW HAVEN	USERRECORD01		APP

Percent new IX = 0.1511%

Worst case new IX 0.1511% Scenario 2

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Analysis of Interference to Affected Station 8

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
41	WUTB	BALTIMORE MD	BPCDT	-20080619AJG

Stations Potentially Affecting This Station

Proposal causes no interference

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Analysis of Interference to Affected Station 9

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
41	WUTB	BALTIMORE MD	BLCDDT	-20080528AAR

Stations Potentially Affecting This Station

Proposal causes no interference

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OET-69 Interference Analysis (WEDY, New Haven, CT, Ch. 41) (Summary Results)

Analysis of Interference to Affected Station 10

Analysis of current record

Channel	Call	City/State	Application Ref. No.
41	WPBS-DT	WATERTOWN NY	BPEDT -20080619ABP

Stations Potentially Affecting This Station

Proposal causes no interference

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Analysis of Interference to Affected Station 11

Analysis of current record

Channel	Call	City/State	Application Ref. No.
41	WPBS-DT	WATERTOWN NY	BLEDT -20050923AGH

Stations Potentially Affecting This Station

Proposal causes no interference

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Analysis of Interference to Affected Station 12

Analysis of current record

Channel	Call	City/State	Application Ref. No.
41	WVIA-TV	SCRANTON PA	BLEDT -20091103AAN

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
40	WNUV	BALTIMORE MD	215.5	LIC	BLCDDT -20051011AOI
40	WXTV-DT	PATERSON NJ	165.4	LIC	BLCDDT -20050214AGS
41	WLVI	CAMBRIDGE MA	405.4	LIC	BLCDDT -20070212ABF
41	WLVI	CAMBRIDGE MA	405.4	CP	BPCDDT -20090715AHM
41	WUTB	BALTIMORE MD	223.7	CP	BPCDDT -20080619AJG
41	WUTB	BALTIMORE MD	223.7	LIC	BLCDDT -20080528AAR
41	WPBS-DT	WATERTOWN NY	298.2	CP	BPEDT -20080619ABP
41	WPBS-DT	WATERTOWN NY	298.2	LIC	BLEDT -20050923AGH
41	WKBN-TV	YOUNGSTOWN OH	400.0	APP	BPCDDT -20100804AAR
41	WKBN-TV	YOUNGSTOWN OH	400.0	LIC	BLCDDT -20091106ABL
42	WSKG-TV	BINGHAMTON NY	97.9	LIC	BLEDT -20050526ACA
42	WTFX-TV	PHILADELPHIA PA	137.6	APP	BMPCDDT -20080616AAQ
42	WTFX-TV	PHILADELPHIA PA	137.6	LIC	BLCDDT -20090615AAE
41	WEDY	NEW HAVEN CT	248.2	APP	USERRECORD-01

Total scenarios = 8

Result key: 37

Scenario 3 Affected station 12

Before Analysis

Results for: 41A PA SCRANTON BLEDT 20091103AAN LIC

HAAT 510.0 m, ATV ERP 171.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2469074	29925.3
not affected by terrain losses	1960281	24684.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	43513	861.4
lost to ATV IX only	43513	861.4
lost to all IX	43513	861.4

Potential Interfering Stations Included in above Scenario 3

41A MD BALTIMORE	BLCDDT	20080528AAR	LIC
41A NY WATERTOWN	BPEDT	20080619ABP	CP

OET-69 Interference Analysis (WEDY, New Haven, CT, Ch. 41) (Summary Results)

42A NY BINGHAMTON BLEDT 20050526ACA LIC
42A PA PHILADELPHIA BLCDT 20090615AAE LIC

After Analysis

Results for: 41A PA SCRANTON BLEDT 20091103AAN LIC

HAAT 510.0 m, ATV ERP 171.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2469074	29925.3
not affected by terrain losses	1960281	24684.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	45682	885.5
lost to ATV IX only	45682	885.5
lost to all IX	45682	885.5

Potential Interfering Stations Included in above Scenario 3

41A MD BALTIMORE BLCDT 20080528AAR LIC
41A NY WATERTOWN BPEDT 20080619ABP CP
42A NY BINGHAMTON BLEDT 20050526ACA LIC
42A PA PHILADELPHIA BLCDT 20090615AAE LIC
41A CT NEW HAVEN USERRECORD01 APP

Percent new IX = 0.1132%

Worst case new IX 0.1132% Scenario 3

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Analysis of Interference to Affected Station 13

Analysis of current record

Channel	Call	City/State	Application Ref. No.
42	WSAH	BRIDGEPORT CT	BLCDT -20061218ACB

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
41	WLVI	CAMBRIDGE MA	188.6	LIC	BLCDT -20070212ABF
41	WLVI	CAMBRIDGE MA	188.6	CP	BPCDT -20090715AHM
42	WHDH	BOSTON MA	189.2	CP	BPCDT -20100528ACN
42	WHDH-DR	BOSTON MA	189.2	APP	BPRM -20090706ABZ
42	WMPT	ANNAPOLIS MD	395.5	CP	BPEDT -20080620AIA
42	WMPT	ANNAPOLIS MD	395.5	LIC	BLEDT -20030903ABC
42	WSKG-TV	BINGHAMTON NY	247.5	LIC	BLEDT -20050526ACA
42	WTFX-TV	PHILADELPHIA PA	231.6	APP	BMPCDT -20080616AAQ
42	WTFX-TV	PHILADELPHIA PA	231.6	LIC	BLCDT -20090615AAE
43	WGBX-TV	BOSTON MA	187.7	LIC	BLEDT -20021219AAN
43	WNJT	TRENTON NJ	178.6	CP	BPEDT -20080620AGH
43	WNJT	TRENTON NJ	178.6	LIC	BLEDT -20030411AAE
43	WCWN	SCHENECTADY NY	158.8	CP	BPCDT -20080620ABN
43	WCWN	SCHENECTADY NY	158.8	LIC	BLCDT -20050623ABN
41	WEDY	NEW HAVEN CT	17.6	APP	USERRECORD-01

Total scenarios = 10

Result key: 45

Scenario 3 Affected station 13

Before Analysis

Results for: 42A CT BRIDGEPORT BLCDT 20061218ACB LIC

HAAT 169.0 m, ATV ERP 780.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	5908349	19541.6
not affected by terrain losses	5596982	18329.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	211225	672.3
lost to ATV IX only	211225	672.3
lost to all IX	211225	672.3

Potential Interfering Stations Included in above Scenario 3

OET-69 Interference Analysis (WEDY, New Haven, CT, Ch. 41) (Summary Results)

42A MA BOSTON	BPCDT	20100528ACN	CP
42A MA BOSTON	BPRM	20090706ABZ	APP
42A NY BINGHAMTON	BLEDT	20050526ACA	LIC
42A PA PHILADELPHIA	BMPCDT	20080616AAQ	APP
43A NY SCHENECTADY	BPCDT	20080620ABN	CP

After Analysis

Results for: 42A CT BRIDGEPORT BLCDDT 20061218ACB LIC
HAAT 169.0 m, ATV ERP 780.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	5908349	19541.6
not affected by terrain losses	5596982	18329.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	224867	688.3
lost to ATV IX only	224867	688.3
lost to all IX	224867	688.3

Potential Interfering Stations Included in above Scenario 3

42A MA BOSTON	BPCDT	20100528ACN	CP
42A MA BOSTON	BPRM	20090706ABZ	APP
42A NY BINGHAMTON	BLEDT	20050526ACA	LIC
42A PA PHILADELPHIA	BMPCDT	20080616AAQ	APP
43A NY SCHENECTADY	BPCDT	20080620ABN	CP
41A CT NEW HAVEN	USERRECORD01		APP

Percent new IX = 0.2533%

Worst case new IX 0.2533% Scenario 3

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Analysis of Interference to Affected Station 14

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
42	WHDH	BOSTON MA	BPCDT	-20100528ACN

Stations Potentially Affecting This Station

Proposal causes no interference

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Analysis of Interference to Affected Station 15

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
42	WHDH-DR	BOSTON MA	BPRM	-20090706ABZ

Stations Potentially Affecting This Station

Proposal causes no interference

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FINISHED FINISHED FINISHED FINISHED FINISHED FINISHED