

OET-69 Interference Analysis (WEDW, Bridgeport, CT, Channel 49)(Summary Results)

Percent allowed new interference: 0.500
Percent allowed new interference to Class A: 0.500
TW Census data selected 2000
Post Transition Data Base Selected /export/home/cdb/pt_tvdb.sff

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 02-16-2010

Record Selected for Analysis

WEDW USERRECORD-01 BRIDGEPORT CT US
Channel 49 ERP 170. kW HAAT 220. m RCAMSL 00304 m
Latitude 041-16-44 Longitude 0073-11-08
Status APP Zone 1 Border
Dir Antenna Make CDB Model 00000000091372 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 0.10 km

Facility meets maximum height/power limits

Azimuth (Deg)	ERP (kW)	HAAT (m)	41.0 dBu F(50,90) (km)
0.0	28.577	181.5	63.1
45.0	119.952	208.0	72.1
90.0	111.537	245.7	74.5
135.0	31.433	279.2	70.3
180.0	28.577	290.3	70.6
225.0	118.528	224.9	73.3
270.0	108.800	180.6	69.6
315.0	29.988	151.1	61.1

Evaluation toward Class A Stations

No Spacing violations or contour overlap to Class A stations

Class A Evaluation Complete

Proposed facility OK to FCC Monitoring Stations

Proposed facility OK toward West Virginia quiet zone

Proposed facility OK toward Table Mountain

Proposed facility is within the Canadian coordination distance
Distance to border = 395.5km

(NOTE: UNDER THE NEW U.S./CANADA DTV AGREEMENT, THE MAXIMUM COORDINATION DISTANCE IS 360 KM. THIS COORDINATION DISTANCE IS NOW BEING IMPLEMENTED BY THE FCC. THEREFORE, THE INSTANT PROPOSAL DOES NOT REQUIRE REFERRAL TO CANADA.)

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
49	WEDW	BRIDGEPORT CT	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
48	WRNN-TV	KINGSTON NY	67.8	LIC	BLCDT	-20040908AMF

OET-69 Interference Analysis (WEDW, Bridgeport, CT, Channel 49)(Summary Results)

48	WRNN-TV	KINGSTON NY	67.8	CP	BPCDT	-20080616AED
49	WLNE-TV	NEW BEDFORD MA	170.7	LIC	BLCDT	-20040930BBS
49	WEKW-TV	KEENE NH	206.3	LIC	BLEDT	-20030618ABK
49	WEKW-TV	KEENE NH	206.3	APP	BPEDT	-20080620AAR
49	WWSI	ATLANTIC CITY NJ	208.1	LIC	BMLCDT	-20080306ABY
49	WWSI	ATLANTIC CITY NJ	208.1	CP	BPCDT	-20080617AAH
49	WNDR-LP	SYRACUSE NY	309.3	CP	BDFCDTA	-20090105AAN
50	W25AW	TRENTON NJ	215.7	CP	BDISDTA	-20090408ALY
50	WYPX-TV	AMSTERDAM NY	206.6	LIC	BLCDT	-20040908ABO
50	WVNH-CA	SOUTHAMPTON NY	85.9	CP MOD	BMPDTA	-20080804ACK
50	WNEP-DR	SCRANTON PA	224.6	APP	BPRM	-20080619ALP
50	WNEP-TV	SCRANTON PA	224.7	CP	BPCDT	-20090311AAG
50	WRIW-CA	PROVIDENCE RI	170.7	CP	BDFCDTA	-20080804ABB

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Analysis of Interference to Affected Station 1

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
48	WRNN-TV	KINGSTON NY	BLCDT	-20040908AMF

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
47	WLNY-TV	RIVERHEAD NY	108.6	CP MOD	BMPCDT	-20080721ABJ
47	WLNY-DT	RIVERHEAD NY	108.6	PLN	DTVPLN	-DTVP1679
48	WRC-TV	WASHINGTON DC	388.4	LIC	BLCDT	-20000216AAT
48	WRC-TV	WASHINGTON DC	388.4	PLN	DTVPLN	-DTVP1698
48	WLED-TV	LITTLETON NH	365.7	LIC	BLEDT	-20020529ABG
48	WLED-TV	LITTLETON NH	365.7	PLN	DTVPLN	-DTVP1710
48	WLED-TV	LITTLETON NH	365.7	APP	BPEDT	-20080620AAJ
48	WYDC	CORNING NY	266.5	PLN	DTVPLN	-DTVP1711
48	WYDC	CORNING NY	269.1	CP MOD	BMPCDT	-20080619AJR
49	WEDW	BRIDGEPORT CT	67.8	PLN	DTVPLN	-DTVP1730
49	WLNE-TV	NEW BEDFORD MA	224.9	LIC	BLCDT	-20040930BBS
49	WEKW-TV	KEENE NH	215.4	LIC	BLEDT	-20030618ABK
49	WEKW-TV	KEENE NH	215.4	APP	BPEDT	-20080620AAR
49	WWSI	ATLANTIC CITY NJ	209.2	LIC	BMLCDT	-20080306ABY
49	WWSI	ATLANTIC CITY NJ	209.2	CP	BPCDT	-20080617AAH
49	WEDW	BRIDGEPORT CT	67.8	APP	USERRECORD-01	

Total scenarios = 8

Result key: 7
 Scenario 7 Affected station 1
 Before Analysis

Results for: 48A NY KINGSTON BLCDT 20040908AMF LIC

HAAT 378.0 m, ATV ERP 950.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	15110151	27267.3
not affected by terrain losses	14230454	24509.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	171443	383.1
lost to ATV IX only	171443	383.1
lost to all IX	171443	383.1

Potential Interfering Stations Included in above Scenario 7

47A NY RIVERHEAD	DTVPLN	DTVP1679	PLN
48A DC WASHINGTON	DTVPLN	DTVP1698	PLN
48A NY CORNING	DTVPLN	DTVP1711	PLN
49A CT BRIDGEPORT	DTVPLN	DTVP1730	PLN

After Analysis

Results for: 48A NY KINGSTON BLCDT 20040908AMF LIC

HAAT 378.0 m, ATV ERP 950.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	15110151	27267.3
not affected by terrain losses	14230454	24509.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	233906	548.2
lost to ATV IX only	233906	548.2
lost to all IX	233906	548.2

Potential Interfering Stations Included in above Scenario 7

47A NY RIVERHEAD	DTVPLN	DTVP1679	PLN
48A DC WASHINGTON	DTVPLN	DTVP1698	PLN
48A NY CORNING	DTVPLN	DTVP1711	PLN

OET-69 Interference Analysis (WEDW, Bridgeport, CT, Channel 49)(Summary Results)

49A CT BRIDGEPORT USERRECORD01 APP

Percent new IX = 0.4443%

Worst case new IX 0.4443% Scenario 7

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Analysis of Interference to Affected Station 2

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
48	WRNN-TV	KINGSTON NY	BPCDT	-20080616AED

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
47	WLNY-TV	RIVERHEAD NY	108.6	CP MOD	BMPCDT	-20080721ABJ
47	WLNY-DT	RIVERHEAD NY	108.6	PLN	DTVPLN	-DTVP1679
48	WRC-TV	WASHINGTON DC	388.4	LIC	BLCDT	-20000216AAT
48	WRC-TV	WASHINGTON DC	388.4	PLN	DTVPLN	-DTVP1698
48	WLED-TV	LITTLETON NH	365.7	LIC	BLEDT	-20020529ABG
48	WLED-TV	LITTLETON NH	365.7	PLN	DTVPLN	-DTVP1710
48	WLED-TV	LITTLETON NH	365.7	APP	BPEDT	-20080620AAJ
48	WYDC	CORNING NY	266.5	PLN	DTVPLN	-DTVP1711
48	WYDC	CORNING NY	269.1	CP MOD	BMPCDT	-20080619AJR
49	WEDW	BRIDGEPORT CT	67.8	PLN	DTVPLN	-DTVP1730
49	WLNE-TV	NEW BEDFORD MA	224.9	LIC	BLCDT	-20040930BBS
49	WEKW-TV	KEENE NH	215.4	LIC	BLEDT	-20030618ABK
49	WEKW-TV	KEENE NH	215.4	APP	BPEDT	-20080620AAR
49	WWSI	ATLANTIC CITY NJ	209.2	LIC	BMLCDT	-20080306ABY
49	WWSI	ATLANTIC CITY NJ	209.2	CP	BPCDT	-20080617AAH
49	WEDW	BRIDGEPORT CT	67.8	APP	USERRECORD-01	

Total scenarios = 4

Result key:

Scenario 10
Before Analysis 2 Affected station 2

Results for: 48A NY KINGSTON BPCDT 20080616AED CP

HAAT 378.0 m, ATV ERP 835.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	16537403	30653.9
not affected by terrain losses	15692922	27724.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	233100	344.7
lost to ATV IX only	233100	344.7
lost to all IX	233100	344.7

Potential Interfering Stations Included in above Scenario 2

47A NY RIVERHEAD	BMPCDT	20080721ABJ	CP
48A DC WASHINGTON	DTVPLN	DTVP1698	PLN
48A NY CORNING	DTVPLN	DTVP1711	PLN
49A CT BRIDGEPORT	DTVPLN	DTVP1730	PLN

After Analysis

Results for: 48A NY KINGSTON BPCDT 20080616AED CP

HAAT 378.0 m, ATV ERP 835.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	16537403	30653.9
not affected by terrain losses	15692922	27724.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	302366	540.1
lost to ATV IX only	302366	540.1
lost to all IX	302366	540.1

Potential Interfering Stations Included in above Scenario 2

47A NY RIVERHEAD	BMPCDT	20080721ABJ	CP
48A DC WASHINGTON	DTVPLN	DTVP1698	PLN
48A NY CORNING	DTVPLN	DTVP1711	PLN
49A CT BRIDGEPORT	USERRECORD01		APP

Percent new IX = 0.4480%

Worst case new IX 0.4480% Scenario 2

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OET-69 Interference Analysis (WEDW, Bridgeport, CT, Channel 49)(Summary Results)

Analysis of Interference to Affected Station 3

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
49	WLNE-TV	NEW BEDFORD MA	BLCDDT	-20040930BBS

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
48	WRNN-TV	KINGSTON NY	224.9	LIC	BLCDDT	-20040908AMF
48	WRNN-TV	KINGSTON NY	224.9	CP	BPCDDT	-20080616AED
49	WEDW	BRIDGEPORT CT	170.8	PLN	DTVPLN	-DTVP1730
49	WEKW-TV	KEENE NH	157.2	LIC	BLEDT	-20030618ABK
49	WEKW-TV	KEENE NH	157.2	APP	BPEDT	-20080620AAR
49	WWSI	ATLANTIC CITY NJ	358.1	LIC	BMLCDDT	-20080306ABY
49	WWSI	ATLANTIC CITY NJ	358.1	CP	BPCDDT	-20080617AAH
49	WEDW	BRIDGEPORT CT	170.7	APP	USERRECORD-01	

Total scenarios = 2

Result key:

13
Scenario 1 Affected station 3
Before Analysis

Results for: 49A MA NEW BEDFORD BLCDDT 20040930BBS LIC

HAAT	284.0 m, ATV ERP	350.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour			5536329	19860.1
not affected by terrain losses			5473633	19529.8
lost to NTSC IX			0	0.0
lost to additional IX by ATV			21252	232.6
lost to ATV IX only			21252	232.6
lost to all IX			21252	232.6

Potential Interfering Stations Included in above Scenario 1

49A NH KEENE	BLEDT	20030618ABK	LIC
49A CT BRIDGEPORT	DTVPLN	DTVP1730	PLN

After Analysis

Results for: 49A MA NEW BEDFORD BLCDDT 20040930BBS LIC

HAAT	284.0 m, ATV ERP	350.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour			5536329	19860.1
not affected by terrain losses			5473633	19529.8
lost to NTSC IX			0	0.0
lost to additional IX by ATV			37561	397.7
lost to ATV IX only			37561	397.7
lost to all IX			37561	397.7

Potential Interfering Stations Included in above Scenario 1

49A NH KEENE	BLEDT	20030618ABK	LIC
49A CT BRIDGEPORT	USERRECORD01		APP

Percent new IX = 0.2991%

Worst case new IX 0.2991% Scenario 1

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Analysis of Interference to Affected Station 4

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
49	WEKW-TV	KEENE NH	BLEDT	-20030618ABK

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
48	WLED-TV	LITTLETON NH	155.2	LIC	BLEDT	-20020529ABG
48	WLED-TV	LITTLETON NH	155.2	PLN	DTVPLN	-DTVP1710
48	WLED-TV	LITTLETON NH	155.2	APP	BPEDT	-20080620AAJ
48	WRNN-TV	KINGSTON NY	215.4	LIC	BLCDDT	-20040908AMF
48	WRNN-TV	KINGSTON NY	215.4	CP	BPCDDT	-20080616AED
49	WEDW	BRIDGEPORT CT	206.3	PLN	DTVPLN	-DTVP1730
49	WLNE-TV	NEW BEDFORD MA	157.2	LIC	BLCDDT	-20040930BBS

OET-69 Interference Analysis (WEDW, Bridgeport, CT, Channel 49)(Summary Results)

49	WWSI	ATLANTIC CITY NJ	412.8	LIC	BMLCDT	-20080306ABY
49	WWSI	ATLANTIC CITY NJ	412.8	CP	BPCDT	-20080617AAH
50	WYPX-TV	AMSTERDAM NY	147.6	LIC	BLCDT	-20040908ABO
49	WEDW	BRIDGEPORT CT	206.3	APP	USERRECORD-01	

Total scenarios = 1

Result key: 15
 Scenario 1 Affected station 4
 Before Analysis

Results for: 49A NH KEENE BLEDT 20030618ABK LIC
 HAAT 330.0 m, ATV ERP 43.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	746709	17708.1
not affected by terrain losses	448221	13375.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	16090	546.4
lost to ATV IX only	16090	546.4
lost to all IX	16090	546.4

Potential Interfering Stations Included in above Scenario 1

49A MA NEW BEDFORD	BLCDDT	20040930BBS	LIC
50A NY AMSTERDAM	BLCDDT	20040908ABO	LIC
49A CT BRIDGEPORT	DTVPLN	DTVP1730	PLN

After Analysis

Results for: 49A NH KEENE BLEDT 20030618ABK LIC
 HAAT 330.0 m, ATV ERP 43.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	746709	17708.1
not affected by terrain losses	448221	13375.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	16651	565.1
lost to ATV IX only	16651	565.1
lost to all IX	16651	565.1

Potential Interfering Stations Included in above Scenario 1

49A MA NEW BEDFORD	BLCDDT	20040930BBS	LIC
50A NY AMSTERDAM	BLCDDT	20040908ABO	LIC
49A CT BRIDGEPORT	USERRECORD01		APP

Percent new IX = 0.1298%

Worst case new IX 0.1298% Scenario 1

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Analysis of Interference to Affected Station 5

Analysis of current record
 Channel Call City/State Application Ref. No.
 49 WEKW-TV KEENE NH BPEDT -20080620AAR

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
48	WLED-TV	LITTLETON NH	155.2	LIC	BLEDT	-20020529ABG
48	WLED-TV	LITTLETON NH	155.2	PLN	DTVPLN	-DTVP1710
48	WLED-TV	LITTLETON NH	155.2	APP	BPEDT	-20080620AAJ
48	WRNN-TV	KINGSTON NY	215.4	LIC	BLCDT	-20040908AMF
48	WRNN-TV	KINGSTON NY	215.4	CP	BPCDT	-20080616AED
49	WEDW	BRIDGEPORT CT	206.3	PLN	DTVPLN	-DTVP1730
49	WLNE-TV	NEW BEDFORD MA	157.2	LIC	BLCDT	-20040930BBS
49	WWSI	ATLANTIC CITY NJ	412.8	LIC	BMLCDT	-20080306ABY
49	WWSI	ATLANTIC CITY NJ	412.8	CP	BPCDT	-20080617AAH
50	WYPX-TV	AMSTERDAM NY	147.6	LIC	BLCDT	-20040908ABO
49	WEDW	BRIDGEPORT CT	206.3	APP	USERRECORD-01	

Total scenarios = 1

Result key: 16
 Scenario 1 Affected station 5
 Before Analysis

Results for: 49A NH KEENE BPEDT 20080620AAR APP
 HAAT 331.0 m, ATV ERP 112.0 kW

OET-69 Interference Analysis (WEDW, Bridgeport, CT, Channel 49)(Summary Results)

	POPULATION	AREA (sq km)
within Noise Limited Contour	1055361	20624.1
not affected by terrain losses	563698	15611.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	22023	619.0
lost to ATV IX only	22023	619.0
lost to all IX	22023	619.0

Potential Interfering Stations Included in above Scenario 1

49A MA NEW BEDFORD	BLCDT	20040930BBS	LIC
49A CT BRIDGEPORT	DTVPLN	DTVP1730	PLN

After Analysis

Results for: 49A NH KEENE BPEDT 20080620AAR APP
HAAT 331.0 m, ATV ERP 112.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1055361	20624.1
not affected by terrain losses	563698	15611.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	23381	639.6
lost to ATV IX only	23381	639.6
lost to all IX	23381	639.6

Potential Interfering Stations Included in above Scenario 1

49A MA NEW BEDFORD	BLCDT	20040930BBS	LIC
49A CT BRIDGEPORT	USERRECORD01		APP

Percent new IX = 0.2507%

Worst case new IX 0.2507% Scenario 1

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Analysis of Interference to Affected Station 6

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
49	WWSI	ATLANTIC CITY NJ	BMLCDT	-20080306ABY

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
48	WRNN-TV	KINGSTON NY	209.2	LIC	BLCDT	-20040908AMF
48	WRNN-TV	KINGSTON NY	209.2	CP	BPCDT	-20080616AED
49	WEDW	BRIDGEPORT CT	208.0	PLN	DTVPLN	-DTVP1730
49	WLNE-TV	NEW BEDFORD MA	358.1	LIC	BLCDT	-20040930BBS
49	WEKW-TV	KEENE NH	412.8	LIC	BLEDT	-20030618ABK
49	WEKW-TV	KEENE NH	412.8	APP	BPEDT	-20080620AAR
49	WHSV-TV	HARRISONBURG VA	386.3	PLN	DTVPLN	-DTVP1754
49	WHSV-TV	HARRISONBURG VA	386.3	LIC	BLCDT	-20060413ACO
50	WNEP-DR	SCRANTON PA	215.0	APP	BPRM	-20080619ALP
50	WNEP-TV	SCRANTON PA	215.0	CP	BPCDT	-20090311AAG
49	WEDW	BRIDGEPORT CT	208.1	APP	USERRECORD-01	

Total scenarios = 1

Result key: 17
Scenario 1 Affected station 6
Before Analysis

Results for: 49A NJ ATLANTIC CITY BMLCDT 20080306ABY LIC
HAAT 296.0 m, ATV ERP 130.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1902925	15526.5
not affected by terrain losses	1902885	15525.5
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

After Analysis

Results for: 49A NJ ATLANTIC CITY BMLCDT 20080306ABY LIC
HAAT 296.0 m, ATV ERP 130.0 kW

POPULATION	AREA (sq km)
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OET-69 Interference Analysis (WEDW, Bridgeport, CT, Channel 49)(Summary Results)

within Noise Limited Contour	1902925	15526.5
not affected by terrain losses	1902885	15525.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	79	3.9
lost to ATV IX only	79	3.9
lost to all IX	79	3.9

Potential Interfering Stations Included in above Scenario 1

49A CT BRIDGEPORT USERRECORD01 APP

Percent new IX = 0.0042%

Worst case new IX 0.0042% Scenario 1

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Analysis of Interference to Affected Station 7

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
49	WWSI	ATLANTIC CITY NJ	BPCDT	-20080617AAH

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
48	WRNN-TV	KINGSTON NY	209.2	LIC	BLCDT	-20040908AMF
48	WRNN-TV	KINGSTON NY	209.2	CP	BPCDT	-20080616AED
49	WEDW	BRIDGEPORT CT	208.0	PLN	DTVPLN	-DTVP1730
49	WLNE-TV	NEW BEDFORD MA	358.1	LIC	BLCDT	-20040930BBS
49	WEKW-TV	KEENE NH	412.8	LIC	BLEDT	-20030618ABK
49	WEKW-TV	KEENE NH	412.8	APP	BPEDT	-20080620AAR
49	WHSV-TV	HARRISONBURG VA	386.3	PLN	DTVPLN	-DTVP1754
49	WHSV-TV	HARRISONBURG VA	386.3	LIC	BLCDT	-20060413ACO
50	WNEP-DR	SCRANTON PA	215.0	APP	BPRM	-20080619ALP
50	WNEP-TV	SCRANTON PA	215.0	CP	BPCDT	-20090311AAG
49	WEDW	BRIDGEPORT CT	208.1	APP	USERRECORD-01	

Total scenarios = 1

Result key: 18

Scenario 1 Affected station 7

Before Analysis

Results for: 49A NJ ATLANTIC CITY BPCDT 20080617AAH CP
HAAT 296.0 m, ATV ERP 322.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2300595	17934.5
not affected by terrain losses	2300595	17934.5
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

After Analysis

Results for: 49A NJ ATLANTIC CITY BPCDT 20080617AAH CP
HAAT 296.0 m, ATV ERP 322.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2300595	17934.5
not affected by terrain losses	2300595	17934.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1299	5.9
lost to ATV IX only	1299	5.9
lost to all IX	1299	5.9

Potential Interfering Stations Included in above Scenario 1

49A CT BRIDGEPORT USERRECORD01 APP

Percent new IX = 0.0565%

Worst case new IX 0.0565% Scenario 1

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Analysis of Interference to Affected Station 8

OET-69 Interference Analysis (WEDW, Bridgeport, CT, Channel 49)(Summary Results)

Analysis of current record

Channel	Call	City/State	Application Ref. No.
49	WNDR-LP	SYRACUSE NY	BDFCDTA -20090105AAN

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
48	WYDC	CORNING NY	119.6	PLN	DTVPLN -DTVP1711
48	WYDC	CORNING NY	123.4	CP MOD	BMPCDT -20080619AJR
49	WEDW	BRIDGEPORT CT	309.4	PLN	DTVPLN -DTVP1730
49	WLNE-TV	NEW BEDFORD MA	416.9	LIC	BLCDT -20040930BBS
49	WEKW-TV	KEENE NH	305.7	LIC	BLEDT -20030618ABK
49	WEKW-TV	KEENE NH	305.7	APP	BPEDT -20080620AAR
49	WWSI	ATLANTIC CITY NJ	403.2	LIC	BMLCDT -20080306ABY
49	WWSI	ATLANTIC CITY NJ	403.2	CP	BPCDT -20080617AAH
49	WNYO-DR	BUFFALO NY	191.2	APP	BPRM -20090305AGE
49	WNYO-TV	BUFFALO NY	227.4	PLN	DTVPLN -DTVP1746
49	WNYO-TV	BUFFALO NY	191.2	CP	BPCDT -20090602ACD
49	WNYO-TV	BUFFALO NY	191.2	APP	BPCDT -20090717AED
50	WYPX-TV	AMSTERDAM NY	158.4	LIC	BLCDT -20040908ABO
50	WNEP-DR	SCRANTON PA	203.6	APP	BPRM -20080619ALP
50	WNEP-TV	SCRANTON PA	203.7	CP	BPCDT -20090311AAG
49	WEDW	BRIDGEPORT CT	309.3	APP	USERRECORD-01

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.
50	W25AW	TRENTON NJ	BDISDTA -20090408ALY

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
49	WEDW	BRIDGEPORT CT	215.7	PLN	DTVPLN -DTVP1730
49	WWSI	ATLANTIC CITY NJ	86.7	LIC	BMLCDT -20080306ABY
49	WWSI	ATLANTIC CITY NJ	86.7	CP	BPCDT -20080617AAH
50	WDCW	WASHINGTON DC	200.0	CP MOD	BMPCDT -20080619AGG
50	WDCW	WASHINGTON DC	200.0	PLN	DTVPLN -DTVP1762
50	WYPX-TV	AMSTERDAM NY	334.3	LIC	BLCDT -20040908ABO
50	WPCB-TV	GREENSBURG PA	391.1	LIC	BLCDT -20030409ABC
50	WPCB-TV	GREENSBURG PA	391.1	PLN	DTVPLN -DTVP1779
50	WNEP-DR	SCRANTON PA	136.0	APP	BPRM -20080619ALP
50	WNEP-TV	SCRANTON PA	136.0	CP	BPCDT -20090311AAG
50	WGNT	PORTSMOUTH VA	379.0	CP	BPCDT -20080616ABC
50	WGNT	PORTSMOUTH VA	379.0	PLN	DTVPLN -DTVP1784
50	WGNT	PORTSMOUTH VA	379.0	LIC	BLCDT -20020718AAK
51	WETA-DR	WASHINGTON DC	204.5	APP	BPRM -20080620AOX
51	WNJN	MONTCLAIR NJ	121.4	PLN	DTVPLN -DTVP1806
51	WNJN	MONTCLAIR NJ	121.4	CP	BPEDT -20080620ALF
51	WNJN	MONTCLAIR NJ	121.4	LIC	BLEDT -20061121ADG
49	WEDW	BRIDGEPORT CT	215.7	APP	USERRECORD-01

Proposed station is beyond the site to nearest cell evaluation distance

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Analysis of Interference to Affected Station 10

Analysis of current record

Channel	Call	City/State	Application Ref. No.
50	WYPX-TV	AMSTERDAM NY	BLCDT -20040908ABO

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
49	WEDW	BRIDGEPORT CT	206.6	PLN	DTVPLN -DTVP1730
49	WEKW-TV	KEENE NH	147.6	LIC	BLEDT -20030618ABK
49	WEKW-TV	KEENE NH	147.6	APP	BPEDT -20080620AAR
50	WNEP-DR	SCRANTON PA	243.8	APP	BPRM -20080619ALP
50	WNEP-TV	SCRANTON PA	244.0	CP	BPCDT -20090311AAG
49	WEDW	BRIDGEPORT CT	206.6	APP	USERRECORD-01

Proposed station is beyond the site to nearest cell evaluation distance

OET-69 Interference Analysis (WEDW, Bridgeport, CT, Channel 49)(Summary Results)

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Analysis of Interference to Affected Station 11

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
50	WVH-CA	SOUTHAMPTON NY	BMPDTA	-20080804ACK

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
49	WEDW	BRIDGEPORT CT	85.8	PLN	DTVPLN	-DTVP1730
49	WLNE-TV	NEW BEDFORD MA	129.3	LIC	BLCDT	-20040930BBS
50	WYPX-TV	AMSTERDAM NY	276.1	LIC	BLCDT	-20040908ABO
50	WNEP-DR	SCRANTON PA	304.0	APP	BPRM	-20080619ALP
50	WNEP-TV	SCRANTON PA	304.1	CP	BPCDT	-20090311AAG
51	WNJN	MONTCLAIR NJ	163.8	PLN	DTVPLN	-DTVP1806
51	WNJN	MONTCLAIR NJ	163.8	CP	BPEDT	-20080620ALF
51	WNJN	MONTCLAIR NJ	163.8	LIC	BLEDT	-20061121ADG
51	WJAR	PROVIDENCE RI	129.3	PLN	DTVPLN	-DTVP1812
51	WJAR	PROVIDENCE RI	129.3	CP MOD	BMPCDT	-20080619ABK
49	WEDW	BRIDGEPORT CT	85.9	APP	USERRECORD	-01

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.
50	WNEP-DR	SCRANTON PA	BPRM	-20080619ALP

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
49	WEDW	BRIDGEPORT CT	224.6	PLN	DTVPLN	-DTVP1730
49	WWSI	ATLANTIC CITY NJ	215.0	LIC	BMLCDT	-20080306ABY
49	WWSI	ATLANTIC CITY NJ	215.0	CP	BPCDT	-20080617AAH
50	WDCW	WASHINGTON DC	265.8	CP MOD	BMPCDT	-20080619AGG
50	WDCW	WASHINGTON DC	265.8	PLN	DTVPLN	-DTVP1762
50	WYPX-TV	AMSTERDAM NY	243.8	LIC	BLCDT	-20040908ABO
50	WQLN	ERIE PA	361.5	PLN	DTVPLN	-DTVP1778
50	WQLN	ERIE PA	361.5	CP MOD	BMPEDT	-20000412AAR
50	WQLN	ERIE PA	361.5	APP	BPEDT	-20090902ABF
50	WQLN	ERIE PA	361.5	LIC	BLEDT	-20060601BCQ
50	WPCB-TV	GREENSBURG PA	340.7	LIC	BLCDT	-20030409ABC
50	WPCB-TV	GREENSBURG PA	340.7	PLN	DTVPLN	-DTVP1779
50	WNEP-TV	SCRANTON PA	0.1	CP	BPCDT	-20090311AAG
51	WNJN	MONTCLAIR NJ	144.3	PLN	DTVPLN	-DTVP1806
51	WNJN	MONTCLAIR NJ	144.3	CP	BPEDT	-20080620ALF
51	WNJN	MONTCLAIR NJ	144.3	LIC	BLEDT	-20061121ADG
49	WEDW	BRIDGEPORT CT	224.6	APP	USERRECORD	-01

Proposed station is beyond the site to nearest cell evaluation distance

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Analysis of Interference to Affected Station 13

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
50	WNEP-TV	SCRANTON PA	BPCDT	-20090311AAG

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
49	WEDW	BRIDGEPORT CT	224.7	PLN	DTVPLN	-DTVP1730
49	WWSI	ATLANTIC CITY NJ	215.0	LIC	BMLCDT	-20080306ABY
49	WWSI	ATLANTIC CITY NJ	215.0	CP	BPCDT	-20080617AAH
50	WDCW	WASHINGTON DC	265.6	CP MOD	BMPCDT	-20080619AGG
50	WDCW	WASHINGTON DC	265.6	PLN	DTVPLN	-DTVP1762
50	WYPX-TV	AMSTERDAM NY	244.0	LIC	BLCDT	-20040908ABO
50	WQLN	ERIE PA	361.4	PLN	DTVPLN	-DTVP1778
50	WQLN	ERIE PA	361.4	CP MOD	BMPEDT	-20000412AAR
50	WQLN	ERIE PA	361.4	APP	BPEDT	-20090902ABF
50	WQLN	ERIE PA	361.4	LIC	BLEDT	-20060601BCQ

OET-69 Interference Analysis (WEDW, Bridgeport, CT, Channel 49)(Summary Results)

50	WPCB-TV	GREENSBURG PA	340.6	LIC	BLCDDT	-20030409ABC
50	WPCB-TV	GREENSBURG PA	340.6	PLN	DTVPLN	-DTVP1779
50	WNEP-DR	SCRANTON PA	0.1	APP	BPRM	-20080619ALP
51	WNJN	MONTCLAIR NJ	144.4	PLN	DTVPLN	-DTVP1806
51	WNJN	MONTCLAIR NJ	144.4	CP	BPEDT	-20080620ALF
51	WNJN	MONTCLAIR NJ	144.4	LIC	BLEDT	-20061121ADG
49	WEDW	BRIDGEPORT CT	224.7	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 14

Analysis of current record

Channel	Call	City/State	Application Ref. No.
50	WRIW-CA	PROVIDENCE RI	BDFCDTA -20080804ABB

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
49	WEDW	BRIDGEPORT CT	170.8	PLN	DTVPLN -DTVP1730
49	WLNE-TV	NEW BEDFORD MA	0.0	LIC	BLCDDT -20040930BBS
49	WEKW-TV	KEENE NH	157.2	LIC	BLEDT -20030618ABK
49	WEKW-TV	KEENE NH	157.2	APP	BPEDT -20080620AAR
50	WYPX-TV	AMSTERDAM NY	268.1	LIC	BLCDDT -20040908ABO
50	WNEP-DR	SCRANTON PA	388.7	APP	BPRM -20080619ALP
50	WNEP-TV	SCRANTON PA	388.8	CP	BPCDDT -20090311AAG
51	WJAR	PROVIDENCE RI	0.0	PLN	DTVPLN -DTVP1812
51	WJAR	PROVIDENCE RI	0.0	CP MOD	BMPCDDT -20080619ABK
49	WEDW	BRIDGEPORT CT	170.7	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 15

Analysis of current record

Channel	Call	City/State	Application Ref. No.
49	WEDW	BRIDGEPORT CT	USERRECORD-01

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
48	WRNN-TV	KINGSTON NY	67.8	LIC	BLCDDT -20040908AMF
48	WRNN-TV	KINGSTON NY	67.8	CP	BPCDDT -20080616AED
49	WLNE-TV	NEW BEDFORD MA	170.7	LIC	BLCDDT -20040930BBS
49	WEKW-TV	KEENE NH	206.3	LIC	BLEDT -20030618ABK
49	WEKW-TV	KEENE NH	206.3	APP	BPEDT -20080620AAR
49	WWSI	ATLANTIC CITY NJ	208.1	LIC	BMLCDDT -20080306ABY
49	WWSI	ATLANTIC CITY NJ	208.1	CP	BPCDDT -20080617AAH
50	WYPX-TV	AMSTERDAM NY	206.6	LIC	BLCDDT -20040908ABO
50	WNEP-DR	SCRANTON PA	224.6	APP	BPRM -20080619ALP
50	WNEP-TV	SCRANTON PA	224.7	CP	BPCDDT -20090311AAG

Total scenarios = 8

Result key:

Scenario 1 Affected station 15
Before Analysis

Results for: 49A CT BRIDGEPORT USERRECORD01 APP

HAAT 220.0 m, ATV ERP 170.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	5806930	14707.2
not affected by terrain losses	5303701	13688.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	201278	262.3
lost to ATV IX only	201278	262.3
lost to all IX	201278	262.3

Potential Interfering Stations Included in above Scenario 1

48A NY KINGSTON	BLCDDT	20040908AMF	LIC
49A MA NEW BEDFORD	BLCDDT	20040930BBS	LIC
49A NH KEENE	BLEDT	20030618ABK	LIC

OET-69 Interference Analysis (WEDW, Bridgeport, CT, Channel 49)(Summary Results)

49A NJ ATLANTIC CITY BMLCDT 20080306ABY LIC

Result key: 20
Scenario 2 Affected station 15
Before Analysis

Results for: 49A CT BRIDGEPORT USERRECORD01 APP

HAAT 220.0 m, ATV ERP 170.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	5806930	14707.2
not affected by terrain losses	5303701	13688.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	276930	331.4
lost to ATV IX only	276930	331.4
lost to all IX	276930	331.4

Potential Interfering Stations Included in above Scenario 2

48A NY KINGSTON BLCDDT 20040908AMF LIC
49A MA NEW BEDFORD BLCDDT 20040930BBS LIC
49A NH KEENE BLEDDT 20030618ABK LIC
49A NJ ATLANTIC CITY BPCDDT 20080617AAH CP

Result key: 21
Scenario 3 Affected station 15
Before Analysis

Results for: 49A CT BRIDGEPORT USERRECORD01 APP

HAAT 220.0 m, ATV ERP 170.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	5806930	14707.2
not affected by terrain losses	5303701	13688.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	206684	303.8
lost to ATV IX only	206684	303.8
lost to all IX	206684	303.8

Potential Interfering Stations Included in above Scenario 3

48A NY KINGSTON BPCDDT 20080616AED CP
49A MA NEW BEDFORD BLCDDT 20040930BBS LIC
49A NH KEENE BLEDDT 20030618ABK LIC
49A NJ ATLANTIC CITY BMLCDT 20080306ABY LIC

Result key: 22
Scenario 4 Affected station 15
Before Analysis

Results for: 49A CT BRIDGEPORT USERRECORD01 APP

HAAT 220.0 m, ATV ERP 170.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	5806930	14707.2
not affected by terrain losses	5303701	13688.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	282336	372.8
lost to ATV IX only	282336	372.8
lost to all IX	282336	372.8

Potential Interfering Stations Included in above Scenario 4

48A NY KINGSTON BPCDDT 20080616AED CP
49A MA NEW BEDFORD BLCDDT 20040930BBS LIC
49A NH KEENE BLEDDT 20030618ABK LIC
49A NJ ATLANTIC CITY BPCDDT 20080617AAH CP

Result key: 23
Scenario 5 Affected station 15
Before Analysis

Results for: 49A CT BRIDGEPORT USERRECORD01 APP

HAAT 220.0 m, ATV ERP 170.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	5806930	14707.2
not affected by terrain losses	5303701	13688.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	226709	313.6
lost to ATV IX only	226709	313.6
lost to all IX	226709	313.6

Potential Interfering Stations Included in above Scenario 5

48A NY KINGSTON BLCDDT 20040908AMF LIC
49A MA NEW BEDFORD BLCDDT 20040930BBS LIC
49A NH KEENE BPEDT 20080620AAR APP

OET-69 Interference Analysis (WEDW, Bridgeport, CT, Channel 49)(Summary Results)

49A NJ ATLANTIC CITY BMLCDT 20080306ABY LIC

Result key: 24
Scenario 6 Affected station 15
Before Analysis

Results for: 49A CT BRIDGEPORT USERRECORD01 APP

HAAT 220.0 m, ATV ERP 170.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	5806930	14707.2
not affected by terrain losses	5303701	13688.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	299353	376.8
lost to ATV IX only	299353	376.8
lost to all IX	299353	376.8

Potential Interfering Stations Included in above Scenario 6

48A NY KINGSTON	BLCDDT	20040908AMF	LIC
49A MA NEW BEDFORD	BLCDDT	20040930BBS	LIC
49A NH KEENE	BPEDT	20080620AAR	APP
49A NJ ATLANTIC CITY	BPCDDT	20080617AAH	CP

Result key: 25
Scenario 7 Affected station 15
Before Analysis

Results for: 49A CT BRIDGEPORT USERRECORD01 APP

HAAT 220.0 m, ATV ERP 170.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	5806930	14707.2
not affected by terrain losses	5303701	13688.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	232115	355.1
lost to ATV IX only	232115	355.1
lost to all IX	232115	355.1

Potential Interfering Stations Included in above Scenario 7

48A NY KINGSTON	BPCDDT	20080616AED	CP
49A MA NEW BEDFORD	BLCDDT	20040930BBS	LIC
49A NH KEENE	BPEDT	20080620AAR	APP
49A NJ ATLANTIC CITY	BMLCDT	20080306ABY	LIC

Result key: 26
Scenario 8 Affected station 15
Before Analysis

Results for: 49A CT BRIDGEPORT USERRECORD01 APP

HAAT 220.0 m, ATV ERP 170.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	5806930	14707.2
not affected by terrain losses	5303701	13688.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	304759	418.2
lost to ATV IX only	304759	418.2
lost to all IX	304759	418.2

Potential Interfering Stations Included in above Scenario 8

48A NY KINGSTON	BPCDDT	20080616AED	CP
49A MA NEW BEDFORD	BLCDDT	20040930BBS	LIC
49A NH KEENE	BPEDT	20080620AAR	APP
49A NJ ATLANTIC CITY	BPCDDT	20080617AAH	CP

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