

WLNY DTV STUDY 410 kW
Jampro JSM-24/47 TCBP

Percent allowed new interference: 0.000
Percent allowed new interference to Class A: 0.000
Census data selected 2000

Post Transition Data Base Selected
/space/software/cdbs/tvdb.sff_B
TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 02-13-2008 Time: 16:06:40

Record Selected for Analysis

WLNY USERRECORD-01 RIVERHEAD_PT NY US
Channel 47 ERP 410. kW HAAT 193. m RCAMSL 00216 m
Latitude 040-53-50 Longitude 0072-54-56
Status APP Zone 1 Border
Dir Antenna Make usr Model WLNY_ERI_P4_C Beam tilt N Ref Azimuth 10.
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 meets maximum height/power limits

Azimuth (Deg)	ERP (kW)	HAAT (m)	41.0 dBu F(50,90) (km)
0.0	16.400	202.1	61.8
45.0	13.656	193.3	60.3
90.0	102.500	195.7	70.4
135.0	392.961	197.9	77.6
180.0	44.920	202.4	66.8
225.0	141.996	182.8	71.1
270.0	386.565	178.0	76.0
315.0	24.610	191.6	63.1

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Evaluation toward Class A Stations

No Spacing violations or contour overlap to Class A stations

Class A Evaluation Complete

SPACING VIOLATION FOUND BETWEEN STATION

WLNY 47 RIVERHEAD_PT NY USERRECORD01

and station

SHORT TO: WUVN 46 HARTFORD CT BMPCDT 20011011AAU
041-46-30 0072-48- 4
Req. separation => 24.0 <= 110.0 Actual separation 98.0 Short 12.0(74.0)
km

SHORT TO: WLNY 47 RIVERHEAD NY BSRCT 20060228ALR
040-53-50 0072-54-56
Req. separation 196.3 Actual separation 0.0 Short 196.3 km

SHORT TO: WRNN-TV 48 KINGSTON NY BMPCDT 20040203AAJ
041-29-18 0073-56-56
Req. separation => 24.0 <= 110.0 Actual separation 108.7 Short 1.3(84.7)
km

LANDMOBILE SPACING VIOLATIONS FOUND

NONE

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

Stations Potentially Affected by Proposed Station

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Analysis of Interference to Affected Station 1

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
46	WUVN	HARTFORD CT	BMPCDT	-20011011AAU

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
45	WEDH	HARTFORD CT	8.4	CP	BPEDT	-19990113KG
46	WBFF	BALTIMORE MD	423.1	CP	BPCDT	-19980803KR
46	WFMZ-TV	ALLENTOWN PA	258.5	CP MOD	BMPCDT	-20030415ABQ
47	WYDN	WORCESTER MA	143.0	CP	BPEDT	-20000501AHM
47	WLNY	RIVERHEAD NY	98.0	CP	BSRCCT	-20060228ALR
47	WLNY	RIVERHEAD_PT NY	98.0	APP	USERRECORD-01	

Total scenarios = 2

Result key: 1

Scenario 1 Affected station 1
Before Analysis

Results for: 46A CT HARTFORD BMPCDT 20011011AAU CP

HAAT 269.0 m, ATV ERP 217.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3794337	19920.9
not affected by terrain losses	3576374	18127.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	273543	1660.4
lost to ATV IX only	273543	1660.4
lost to all IX	273543	1660.4

Potential Interfering Stations Included in above Scenario 1

45A CT HARTFORD	BPEDT	19990113KG	CP
46A PA ALLENTOWN	BMPCDT	20030415ABQ	CP
47A NY RIVERHEAD	BSRCCT	20060228ALR	CP

After Analysis

Results for: 46A CT HARTFORD BMPCDT 20011011AAU CP

HAAT 269.0 m, ATV ERP 217.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3794337	19920.9
not affected by terrain losses	3576374	18127.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	275444	1664.4
lost to ATV IX only	275444	1664.4
lost to all IX	275444	1664.4

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Potential Interfering Stations Included in above Scenario 1

45A CT HARTFORD	BPEDT	19990113KG	CP
46A PA ALLENTOWN	BMPCDT	20030415ABQ	CP
47A NY RIVERHEAD	BSRCCT	20060228ALR	CP
47A NY RIVERHEAD_PT	USERRECORD01		APP

The following station failed the de minimis interference criteria.

47D NY RIVERHEAD_PT USERRECORD01
ERP 410.00 kW HAAT 193.0 m RCAMSL 216.0 m
Antenna usr WLNY_ERI_P4_C

Due to interference to the following station and scenario: 1

46D CT HARTFORD BMPCDT 20011011AAU
ERP 217.00 kW HAAT 269.0 m RCAMSL 354.0 m
Antenna 999999999999999

Percent Service lost without proposal:	0.0	to BMPCDT	20011011AAU
Percent Service lost with proposal:	0.1	to BMPCDT	20011011AAU

Result key: 2
Scenario 2 Affected station 1
Before Analysis

Results for: 46A CT HARTFORD BMPCDT 20011011AAU CP
HAAT 269.0 m, ATV ERP 217.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3794337	19920.9
not affected by terrain losses	3576374	18127.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	273543	1660.4
lost to ATV IX only	273543	1660.4
lost to all IX	273543	1660.4

Potential Interfering Stations Included in above Scenario 2

45A CT HARTFORD	BPEDT	19990113KG	CP
46A PA ALLENTOWN	BMPCDT	20030415ABQ	CP
47A NY RIVERHEAD	BSRCCT	20060228ALR	CP

After Analysis

Results for: 46A CT HARTFORD BMPCDT 20011011AAU CP
HAAT 269.0 m, ATV ERP 217.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3794337	19920.9
not affected by terrain losses	3576374	18127.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	275444	1664.4
lost to ATV IX only	275444	1664.4
lost to all IX	275444	1664.4

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Potential Interfering Stations Included in above Scenario 2

45A CT HARTFORD	BPEDT	19990113KG	CP
46A PA ALLENTOWN	BMPCDT	20030415ABQ	CP
47A NY RIVERHEAD	BSRCCT	20060228ALR	CP
47A NY RIVERHEAD_PT	USERRECORD01		APP

The following station failed the de minimis interference criteria.

47D NY RIVERHEAD_PT USERRECORD01
ERP 410.00 kW HAAT 193.0 m RCAMSL 216.0 m
Antenna usr WLNY_ERI_P4_C

Due to interference to the following station and scenario: 2

46D CT HARTFORD BMPCDT 20011011AAU
ERP 217.00 kW HAAT 269.0 m RCAMSL 354.0 m
Antenna 9999999999999999

Percent Service lost without proposal:	0.0	to BMPCDT	20011011AAU
Percent Service lost with proposal:	0.1	to BMPCDT	20011011AAU

Worst case new IX 0.0576% Scenario 1

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Analysis of Interference to Affected Station 2

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
46	WFMZ-TV	ALLENTOWN PA	BMPCDT	-20030415ABQ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
45	WOLF-TV	HAZLETON PA	77.7	LIC	BLCDT	-20050906ACK
46	WUVN	HARTFORD CT	258.5	CP MOD	BMPCDT	-20011011AAU
46	WBFF	BALTIMORE MD	171.1	CP	BPCDT	-19980803KR
46	WKBS-TV	ALTOONA PA	253.3	CP	BDTV	-00000286
46	WHTJ	CHARLOTTESVILLE VA	388.4	CP	BPEDT	-20000501AHA
46	WPXV	NORFOLK VA	427.5	LIC	BLCDT	-20020510AAI
47	WLNY	RIVERHEAD NY	215.8	CP	BSRCCT	-20060228ALR
47	WPMT	YORK PA	115.0	LIC	BLCDT	-20040305ABF
47	WLNY	RIVERHEAD_PT NY	215.8	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 3

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
47	WYDN	WORCESTER MA	BPEDT	-20000501AHM

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
46	WUVN	HARTFORD CT	143.0	CP MOD	BMPCDT	-20011011AAU
47	WLNY	RIVERHEAD NY	210.5	CP	BSRCCT	-20060228ALR
47	WTVH	SYRACUSE NY	405.9	LIC	BLCDT	-20060809ACB
47	WLNY	RIVERHEAD_PT NY	210.5	APP	USERRECORD-01	

Total scenarios = 2

Result key: 3

Scenario 1 Affected station 3
Before Analysis

Results for: 47A MA WORCESTER BPEDT 20000501AHM CP
HAAT 217.0 m, ATV ERP 365.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	6022201	15646.6
not affected by terrain losses	5985575	15291.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1264	8.1
lost to ATV IX only	1264	8.1
lost to all IX	1264	8.1

Potential Interfering Stations Included in above Scenario 1

47A NY RIVERHEAD BSRCCT 20060228ALR CP

After Analysis

Results for: 47A MA WORCESTER BPEDT 20000501AHM CP
HAAT 217.0 m, ATV ERP 365.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	6022201	15646.6
not affected by terrain losses	5985575	15291.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1264	8.1
lost to ATV IX only	1264	8.1
lost to all IX	1264	8.1

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Potential Interfering Stations Included in above Scenario 1

47A NY RIVERHEAD BSRCT 20060228ALR CP
47A NY RIVERHEAD_PT USERRECORD01 APP

Percent new IX = 0.0000%

Result key: 4
Scenario 2 Affected station 3
Before Analysis

Results for: 47A MA WORCESTER BPEDT 20000501AHM CP
HAAT 217.0 m, ATV ERP 365.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	6022201	15646.6
not affected by terrain losses	5985575	15291.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1264	8.1
lost to ATV IX only	1264	8.1
lost to all IX	1264	8.1

Potential Interfering Stations Included in above Scenario 2

47A NY RIVERHEAD BSRCT 20060228ALR CP

After Analysis

Results for: 47A MA WORCESTER BPEDT 20000501AHM CP
HAAT 217.0 m, ATV ERP 365.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	6022201	15646.6
not affected by terrain losses	5985575	15291.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1264	8.1
lost to ATV IX only	1264	8.1
lost to all IX	1264	8.1

Potential Interfering Stations Included in above Scenario 2

47A NY RIVERHEAD BSRCT 20060228ALR CP
47A NY RIVERHEAD_PT 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 4

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
47	WMDT	SALISBURY MD	BMPCDT	-20000501ABT

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
46	WBFF	BALTIMORE MD	122.0	CP	BPCDT	-19980803KR
46	WPXV	NORFOLK VA	200.0	LIC	BLCDT	-20020510AAI
47	WLNY	RIVERHEAD NY	359.1	CP	BSRCCT	-20060228ALR
47	WPMT	YORK PA	185.3	LIC	BLCDT	-20040305ABF
47	WUPV	ASHLAND VA	157.5	CP	BPCDT	-19990928AAL
48	WRC-TV	WASHINGTON DC	126.7	CP	BDTV	-00000295
47	WLNY	RIVERHEAD_PT NY	359.1	APP	USERRECORD	-01

Proposal causes no interference

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Analysis of Interference to Affected Station 5

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
47	WLNY	RIVERHEAD NY	BSRCCT	-20060228ALR

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
46	WUVN	HARTFORD CT	98.0	CP MOD	BMPCDT	-20011011AAU
46	WFMZ-TV	ALLENTOWN PA	215.8	CP MOD	BMPCDT	-20030415ABQ
47	WYDN	WORCESTER MA	210.5	CP	BPEDT	-20000501AHM
47	WMDT	SALISBURY MD	359.1	CP MOD	BMPCDT	-20000501ABT
47	WTVH	SYRACUSE NY	349.4	LIC	BLCDT	-20060809ACB
47	WPMT	YORK PA	326.2	LIC	BLCDT	-20040305ABF
48	WRNN-TV	KINGSTON NY	108.6	CP MOD	BMPCDT	-20040203AAJ
47	WLNY	RIVERHEAD_PT NY	0.0	APP	USERRECORD-01	

Total scenarios = 2

Result key: 5
Scenario 1 Affected station 5
Before Analysis

Results for: 47A NY RIVERHEAD BSRCT 20060228ALR CP
HAAT 196.0 m, ATV ERP 410.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	4629534	14405.2
not affected by terrain losses	4585761	14352.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	43799	24.2
lost to ATV IX only	43799	24.2
lost to all IX	43799	24.2

Potential Interfering Stations Included in above Scenario 1

47A MA WORCESTER	BPEDT	20000501AHM	CP
47A NY SYRACUSE	BLCDT	20060809ACB	LIC
47A PA YORK	BLCDT	20040305ABF	LIC
48A NY KINGSTON	BMPCDT	20040203AAJ	CP

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After Analysis

Results for: 47A NY RIVERHEAD BSRCT 20060228ALR CP
 HAAT 196.0 m, ATV ERP 410.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	4629534	14405.2
not affected by terrain losses	4585761	14352.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	4347398	13885.2
lost to ATV IX only	4347398	13885.2
lost to all IX	4347398	13885.2

Potential Interfering Stations Included in above Scenario 1

47A MA WORCESTER	BPEDT	20000501AHM	CP
47A NY SYRACUSE	BLCDT	20060809ACB	LIC
47A PA YORK	BLCDT	20040305ABF	LIC
48A NY KINGSTON	BMPCDT	20040203AAJ	CP
47A NY RIVERHEAD_PT	USERRECORD01		APP

The following station failed the de minimis interference criteria.

47D NY RIVERHEAD_PT USERRECORD01
ERP 410.00 kW HAAT 193.0 m RCMSL 216.0 m
Antenna usr WLNY_ERI_P4_C

Due to interference to the following station and scenario: 1

47D NY RIVERHEAD BSRCT 20060228ALR
ERP 410.00 kW HAAT 196.0 m RCMSL 216.0 m
Antenna CDB 00000000072009

Percent Service lost without proposal:	0.0	to BSRCT	20060228ALR
Percent Service lost with proposal:	94.8	to BSRCT	20060228ALR

Result key: 6
Scenario 2 Affected station 5
Before Analysis

Results for: 47A NY RIVERHEAD BSRCT 20060228ALR CP
 HAAT 196.0 m, ATV ERP 410.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	4629534	14405.2
not affected by terrain losses	4585761	14352.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	43799	24.2
lost to ATV IX only	43799	24.2
lost to all IX	43799	24.2

Potential Interfering Stations Included in above Scenario 2

47A MA WORCESTER	BPEDT	20000501AHM	CP
47A NY SYRACUSE	BLCDT	20060809ACB	LIC
47A PA YORK	BLCDT	20040305ABF	LIC
48A NY KINGSTON	BMPCDT	20040203AAJ	CP

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After Analysis

Results for: 47A NY RIVERHEAD BSRCT 20060228ALR CP

HAAT 196.0 m, ATV ERP 410.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	4629534	14405.2
not affected by terrain losses	4585761	14352.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	4347398	13885.2
lost to ATV IX only	4347398	13885.2
lost to all IX	4347398	13885.2

Potential Interfering Stations Included in above Scenario 2

47A MA WORCESTER	BPEDT	20000501AHM	CP
47A NY SYRACUSE	BLCDT	20060809ACB	LIC
47A PA YORK	BLCDT	20040305ABF	LIC
48A NY KINGSTON	BMPCDT	20040203AAJ	CP
47A NY RIVERHEAD_PT	USERRECORD01		APP

The following station failed the de minimis interference criteria.

47D NY RIVERHEAD_PT USERRECORD01
ERP 410.00 kW HAAT 193.0 m RCMSL 216.0 m
Antenna usr WLNY_ERI_P4_C

Due to interference to the following station and scenario: 2

47D NY RIVERHEAD BSRCT 20060228ALR
ERP 410.00 kW HAAT 196.0 m RCMSL 216.0 m
Antenna CDB 00000000072009

Percent Service lost without proposal:	0.0	to BSRCT	20060228ALR
Percent Service lost with proposal:	94.8	to BSRCT	20060228ALR

Worst case new IX 94.7520% Scenario 1

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Analysis of Interference to Affected Station 6

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
47	WTVH	SYRACUSE NY	BLCDT	-20060809ACB

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
47	WYDN	WORCESTER MA	405.9	CP	BPEDT	-20000501AHM
47	WLNY	RIVERHEAD NY	349.4	CP	BSRCCT	-20060228ALR
47	WPMT	YORK PA	327.9	LIC	BLCDT	-20040305ABF
48	WYDC	CORNING NY	116.4	CP	BDTV	-00000298
47	WLNY	RIVERHEAD_PT NY	349.4	APP	USERRECORD	-01

Proposal causes no interference

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Analysis of Interference to Affected Station 7

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
47	WPMT	YORK PA	BLCDT	-20040305ABF

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
46	WBFF	BALTIMORE MD	77.0	CP	BPCDT	-19980803KR
46	WFMZ-TV	ALLENTOWN PA	115.0	CP MOD	BMPCDT	-20030415ABQ
46	WKBS-TV	ALTOONA PA	167.2	CP	BDTV	-00000286
47	WMDT	SALISBURY MD	185.3	CP MOD	BMPCDT	-20000501ABT
47	WLNY	RIVERHEAD NY	326.2	CP	BSRCCT	-20060228ALR
47	WTVH	SYRACUSE NY	327.9	LIC	BLCDT	-20060809ACB
47	WOAC	CANTON OH	417.5	CP	BPCDT	-19991101AEX
47	WUPV	ASHLAND VA	260.3	CP	BPCDT	-19990928AAL
48	WRC-TV	WASHINGTON DC	127.8	CP	BDTV	-00000295
47	WLNY	RIVERHEAD_PT NY	326.2	APP	USERRECORD-01	

Total scenarios = 2

Result key: 7
Scenario 1 Affected station 7
Before Analysis

Results for: 47A PA YORK BLCDT 20040305ABF LIC
HAAT 385.0 m, ATV ERP 933.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	5025819	28283.9
not affected by terrain losses	4416002	25256.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1160749	2414.8
lost to ATV IX only	1160749	2414.8
lost to all IX	1160749	2414.8

Potential Interfering Stations Included in above Scenario 1

46A MD BALTIMORE	BPCDT	19980803KR	CP
46A PA ALLENTOWN	BMPCDT	20030415ABQ	CP
47A MD SALISBURY	BMPCDT	20000501ABT	CP
47A NY RIVERHEAD	BSRCCT	20060228ALR	CP
47A NY SYRACUSE	BLCDT	20060809ACB	LIC
47A VA ASHLAND	BPCDT	19990928AAL	CP
48A DC WASHINGTON	BDTV	00000295	CP

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After Analysis

Results for: 47A PA YORK BLCDT 20040305ABF LIC
 HAAT 385.0 m, ATV ERP 933.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	5025819	28283.9
not affected by terrain losses	4416002	25256.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1160749	2414.8
lost to ATV IX only	1160749	2414.8
lost to all IX	1160749	2414.8

Potential Interfering Stations Included in above Scenario 1

46A MD BALTIMORE	BPCDT	19980803KR	CP
46A PA ALLENTOWN	BMPCDT	20030415ABQ	CP
47A MD SALISBURY	BMPCDT	20000501ABT	CP
47A NY RIVERHEAD	BSRCCT	20060228ALR	CP
47A NY SYRACUSE	BLCDT	20060809ACB	LIC
47A VA ASHLAND	BPCDT	19990928AAL	CP
48A DC WASHINGTON	BDTV	00000295	CP
47A NY RIVERHEAD_PT	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 8
 Scenario 2 Affected station 7
 Before Analysis

Results for: 47A PA YORK BLCDT 20040305ABF LIC
 HAAT 385.0 m, ATV ERP 933.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	5025819	28283.9
not affected by terrain losses	4416002	25256.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1160749	2414.8
lost to ATV IX only	1160749	2414.8
lost to all IX	1160749	2414.8

Potential Interfering Stations Included in above Scenario 2

46A MD BALTIMORE	BPCDT	19980803KR	CP
46A PA ALLENTOWN	BMPCDT	20030415ABQ	CP
47A MD SALISBURY	BMPCDT	20000501ABT	CP
47A NY RIVERHEAD	BSRCCT	20060228ALR	CP
47A NY SYRACUSE	BLCDT	20060809ACB	LIC
47A VA ASHLAND	BPCDT	19990928AAL	CP
48A DC WASHINGTON	BDTV	00000295	CP

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After Analysis

Results for: 47A PA YORK BLCDT 20040305ABF LIC
HAAT 385.0 m, ATV ERP 933.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	5025819	28283.9
not affected by terrain losses	4416002	25256.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1160749	2414.8
lost to ATV IX only	1160749	2414.8
lost to all IX	1160749	2414.8

Potential Interfering Stations Included in above Scenario 2

46A MD BALTIMORE	BPCDT	19980803KR	CP
46A PA ALLENTOWN	BMPCDT	20030415ABQ	CP
47A MD SALISBURY	BMPCDT	20000501ABT	CP
47A NY RIVERHEAD	BSRCCT	20060228ALR	CP
47A NY SYRACUSE	BLCDT	20060809ACB	LIC
47A VA ASHLAND	BPCDT	19990928AAL	CP
48A DC WASHINGTON	BDTV	00000295	CP
47A NY RIVERHEAD_PT	USERRECORD01		APP

Percent new IX = 0.0000%

Worst case new IX 0.0000% Scenario 1

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WLNY DTV STUDY 410 kW
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Analysis of Interference to Affected Station 8

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
48	WRNN-TV	KINGSTON NY	BMPCDT	-20040203AAJ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
47	WLNY	RIVERHEAD NY	108.6	CP	BSRCCT	-20060228ALR
48	WRC-TV	WASHINGTON DC	388.4	CP	BDTV	-00000295
48	WLED-TV	LITTLETON NH	365.7	CP	BDTV	-00000297
48	WYDC	CORNING NY	266.5	CP	BDTV	-00000298
49	WEDW	BRIDGEPORT CT	67.8	CP	BDTV	-00000306
49	WLNE-TV	NEW BEDFORD MA	224.9	CP MOD	BMPCDT	-20040414AAA
49	WEKW-TV	KEENE NH	215.4	CP	BDTV	-00000303
49	WWSI	ATLANTIC CITY NJ	209.2	LIC	BLCDT	-20020812ABS
49	WNEP-TV	SCRANTON PA	163.8	LIC	BLCDT	-20020807AAF
47	WLNY	RIVERHEAD_PT NY	108.6	APP	USERRECORD-01	

Total scenarios = 2

Result key: 9

Scenario 1 Affected station 8

Before Analysis

Results for: 48A NY KINGSTON BMPCDT 20040203AAJ CP

HAAT 378.0 m, ATV ERP 950.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	15085852	27254.3
not affected by terrain losses	14352710	24129.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	171487	423.0
lost to ATV IX only	171487	423.0
lost to all IX	171487	423.0

Potential Interfering Stations Included in above Scenario 1

47A NY RIVERHEAD	BSRCCT	20060228ALR	CP
48A DC WASHINGTON	BDTV	00000295	CP
48A NY CORNING	BDTV	00000298	CP
49A CT BRIDGEPORT	BDTV	00000306	CP

WLNY DTV STUDY 410 kW
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After Analysis

Results for: 48A NY KINGSTON BMPCDT 20040203AAJ CP
 HAAT 378.0 m, ATV ERP 950.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	15085852	27254.3
not affected by terrain losses	14352710	24129.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	171487	423.0
lost to ATV IX only	171487	423.0
lost to all IX	171487	423.0

Potential Interfering Stations Included in above Scenario 1

47A NY RIVERHEAD	BSRCCT	20060228ALR	CP
48A DC WASHINGTON	BDTV	00000295	CP
48A NY CORNING	BDTV	00000298	CP
49A CT BRIDGEPORT	BDTV	00000306	CP
47A NY RIVERHEAD_PT	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 10
 Scenario 2 Affected station 8
 Before Analysis

Results for: 48A NY KINGSTON BMPCDT 20040203AAJ CP
 HAAT 378.0 m, ATV ERP 950.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	15085852	27254.3
not affected by terrain losses	14352710	24129.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	171487	423.0
lost to ATV IX only	171487	423.0
lost to all IX	171487	423.0

Potential Interfering Stations Included in above Scenario 2

47A NY RIVERHEAD	BSRCCT	20060228ALR	CP
48A DC WASHINGTON	BDTV	00000295	CP
48A NY CORNING	BDTV	00000298	CP
49A CT BRIDGEPORT	BDTV	00000306	CP

After Analysis

Results for: 48A NY KINGSTON BMPCDT 20040203AAJ CP
 HAAT 378.0 m, ATV ERP 950.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	15085852	27254.3
not affected by terrain losses	14352710	24129.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	171487	423.0
lost to ATV IX only	171487	423.0
lost to all IX	171487	423.0

WLNY DTV STUDY 410 kW
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Potential Interfering Stations Included in above Scenario 2

47A NY RIVERHEAD	BSRCCT	20060228ALR	CP
48A DC WASHINGTON	BDTV	00000295	CP
48A NY CORNING	BDTV	00000298	CP
49A CT BRIDGEPORT	BDTV	00000306	CP
47A NY RIVERHEAD_PT	USERRECORD01		APP

Percent new IX = 0.0000%

Worst case new IX 0.0000% Scenario 1

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WLNY DTV STUDY 410 kW
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Analysis of Interference to Affected Station 9

Analysis of current record

Channel	Call	City/State	Application Ref. No.
47	WLNY	RIVERHEAD_PT NY	USERRECORD-01

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
46	WUVN	HARTFORD CT	98.0	CP MOD	BMPCDT -20011011AAU
46	WFMZ-TV	ALLEN TOWN PA	215.8	CP MOD	BMPCDT -20030415ABQ
47	WYDN	WORCESTER MA	210.5	CP	BPEDT -20000501AHM
47	WMDT	SALISBURY MD	359.1	CP MOD	BMPCDT -20000501ABT
47	WLNY	RIVERHEAD NY	0.0	CP	BSRCCT -20060228ALR
47	WTVH	SYRACUSE NY	349.4	LIC	BLCDT -20060809ACB
47	WPMT	YORK PA	326.2	LIC	BLCDT -20040305ABF
48	WRNN-TV	KINGSTON NY	108.6	CP MOD	BMPCDT -20040203AAJ

Total scenarios = 1

Result key: 11

Scenario 1 Affected station 9

Before Analysis

Results for: 47A NY RIVERHEAD_PT USERRECORD01 APP

HAAT 193.0 m, ATV ERP 410.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	4605051	14315.2
not affected by terrain losses	4529136	14258.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	4339131	13775.2
lost to ATV IX only	4339131	13775.2
lost to all IX	4339131	13775.2

Potential Interfering Stations Included in above Scenario 1

46A CT HARTFORD	BMPCDT	20011011AAU	CP
47A MA WORCESTER	BPEDT	20000501AHM	CP
47A NY RIVERHEAD	BSRCCT	20060228ALR	CP

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