

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
/space/software/cdbs/pt_tvdb.sff
TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 01-17-2012 Time: 19:19:35

Record Selected for Analysis

W32CA USERRECORD-01 US
Channel 32 ERP 15. kW HAAT 200. m RCAMSL 00248 m FULL SERVICE MASK
Latitude 043-44-38 Longitude 0070-20-01
Status APP Zone 2 Border Site number: 01
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
Service Class = LD
Maximum height/power limits not checked

Site number	1		
Azimuth	ERP	HAAT	51.0 dBu F(50,90)
(Deg)	(kW)	(m)	(km)
0.0	15.000	146.9	46.5
45.0	15.000	205.5	50.1
90.0	15.000	229.9	51.5
135.0	15.000	236.7	51.9
180.0	15.000	225.4	51.2
225.0	15.000	198.6	49.7
270.0	15.000	189.0	49.2
315.0	15.000	169.1	48.0

Contour Overlap to Proposed Station

Station
W32CA 32 PORTLAND ME BLTT20020429AAV

Station inside contour of Digital LPTV station
W32CA 32 USERRECORD01

Contour Overlap Evaluation to Proposed Station Complete

NO LANDMOBILE SPACING VIOLATIONS FOUND

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 within the Canadian coordination distance
Distance to border = 169.2km

Proposed facility is beyond the Mexican coordination distance

Proposed station is OK toward AM broadcast stations

Start of Interference Analysis

Channel Call City/State ARN
32 W32CA USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
29	W29CA	BRUNSWICK ME	39.7	LIC	BLTTL	-20010209AAE
29	WMUR-LP	LITTLETON NH	118.5	LIC	BLTTL	-20000601AEG
31	WFXT	BOSTON MA	175.6	LIC	BLCDT	-20090422ABH
31	W31CX	BANGOR ME	163.1	LIC	BLTTL	-20101208AEL
31	NEW	FAIRFIELD ME	147.0	APP	BNPDTL	-20100504AMF
32	WTMU-LP	BOSTON MA	166.7	LIC	BLTTL	-19950414IE
32	WBPX-TV	BOSTON MA	175.3	LIC	BLCDT	-20040723ACX
32	WBPX-TV	BOSTON MA	175.6	CP	BPCDT	-20080620ACX
32	WETK	BURLINGTON VT	216.1	APP	BPEDT	-20050118AKO
32	WETK	BURLINGTON VT	216.1	LIC	BLEDT	-20061011ADW
33	WBGR-LP	BANGOR/DEDHAM ME	170.6	LIC	BLTTL	-19990707JC
33	WPXG-TV	CONCORD NH	101.0	CP	BPCDT	-20080619AJF
33	WPXG-TV	CONCORD NH	101.0	LIC	BLCDT	-20031014AEP
33	W33AK	NASHUA NH	142.4	LIC	BLTTL	-19950728IB
39	W39AR	CONCORD NH	114.5	LIC	BLTTL	-19890424IB

Analysis of Interference to Affected Station 1

Analysis of current record

Channel Call City/State Application Ref. No.
29 W29CA BRUNSWICK ME BLTTL -20010209AAE

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
29	WUNI	WORCESTER MA	231.9	LIC	BLCDT	-20090821ABQ
29	W29DZ-D	AUGUSTA ME	86.6	CP	BNPDTL	-20100107AEF
29	WMUR-LP	LITTLETON NH	138.7	LIC	BLTTL	-20000601AEG
33	WPXG-TV	CONCORD NH	140.5	CP	BPCDT	-20080619AJF
33	WPXG-TV	CONCORD NH	140.5	LIC	BLCDT	-20031014AEP
43	WPXT	PORTLAND ME	32.1	LIC	BLCDT	-20060714ABB
44	WCSH	PORTLAND ME	60.6	LIC	BLCDT	-20050705AAH
32	W32CA		39.7	APP	USERRECORD-01	

Proposal causes no interference

Analysis of Interference to Affected Station 2

Analysis of current record

Channel	Call	City/State	Application Ref. No.
29	WMUR-LP	LITTLETON NH	BLTTL -20000601AEG

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
22	WCAX-TV	BURLINGTON VT	97.8	LIC	BLCDDT -20090220ABA
22	WCAX-TV	BURLINGTON VT	97.8	APP	BMPCDT -20080616ADK
25	WNNE	HARTFORD VT	100.2	LIC	BLCDDT -20050801BFZ
29	WUNI	WORCESTER MA	202.4	LIC	BLCDDT -20090821ABQ
29	W29CA	BRUNSWICK ME	138.7	LIC	BLTTL -20010209AAE
29	WKTV	UTICA NY	285.9	LIC	BLCDDT -20060630ACL
32	WETK	BURLINGTON VT	97.7	APP	BPEDT -20050118AKO
32	WETK	BURLINGTON VT	97.7	LIC	BLEDT -20061011ADW
33	WPXG-TV	CONCORD NH	112.3	CP	BPCDDT -20080619AJF
33	WPXG-TV	CONCORD NH	112.3	LIC	BLCDDT -20031014AEP
43	WPXT	PORTLAND ME	114.8	LIC	BLCDDT -20060714ABB
43	WFFF-TV	BURLINGTON VT	97.8	LIC	BLCDDT -20070629AAM
44	WCSH	PORTLAND ME	85.6	LIC	BLCDDT -20050705AAH
32	W32CA		118.5	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.
31	WFXT	BOSTON MA	BLCDDT -20090422ABH

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
30	WBZ-TV	BOSTON MA	1.7	LIC	BLCDDT -20060420ABG
30	WBZ-TV	BOSTON MA	1.7	CP	BPCDDT -20080616ABK
31	WTIC-TV	HARTFORD CT	149.0	LIC	BLCDDT -20101222AAE
31	WPPX-TV	WILMINGTON DE	419.6	CP	BPCDDT -20080620AMP
31	WPPX-TV	WILMINGTON DE	419.6	LIC	BLCDDT -20031203AFL
31	WPXN-TV	NEW YORK NY	287.9	CP	BPCDDT -20110513ADZ
31	WPXN-TV	NEW YORK NY	292.1	APP	BMPCDDT -20080620ALZ
31	WSWB-DR	SCRANTON PA	385.5	APP	BPRM -20080619ALI
31	WSWB	SCRANTON PA	385.5	LIC	BMLCDDT -20090529AJJ
32	WBPX-TV	BOSTON MA	0.7	LIC	BLCDDT -20040723ACG
32	WBPX-TV	BOSTON MA	0.0	CP	BPCDDT -20080620ACX
32	W32CA		175.6	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 4

Analysis of current record

Channel	Call	City/State	Application Ref. No.
31	W31CX	BANGOR ME	BLTTL -20101208AEL

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
23	WPFO	WATERVILLE ME	115.4	LIC	BLCDDT -20090612ABJ
30	WCKD-LP	BANGOR ME	0.0	LIC	BLTT -19940422IJ

31	WFXT	BOSTON MA	330.4	LIC	BLCDT	-20090422ABH
31	NEW	FAIRFIELD ME	78.3	APP	BNPDTL	-20100504AMF
32	W32CA		163.1	APP	USERRECORD-01	

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.			
31	NEW	FAIRFIELD ME	BNPDTL	-20100504AMF		

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.	
31	WFXT	BOSTON MA	322.4	LIC	BLCDT	-20090422ABH
31	W31CX	BANGOR ME	78.3	LIC	BLTTL	-20101208AEL
32	W32CA		147.0	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 6

Analysis of current record

Channel	Call	City/State	Application Ref. No.			
32	WTMU-LP	BOSTON MA	BLTTL	-19950414IE		

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.	
29	WUNI	WORCESTER MA	52.0	LIC	BLCDT	-20090821ABQ
30	WBZ-TV	BOSTON MA	13.3	LIC	BLCDT	-20060420ABG
30	WBZ-TV	BOSTON MA	13.3	CP	BPCDT	-20080616ABK
31	WFXT	BOSTON MA	12.2	LIC	BLCDT	-20090422ABH
32	WBPX-TV	BOSTON MA	12.4	LIC	BLCDT	-20040723ACG
32	WBPX-TV	BOSTON MA	12.2	CP	BPCDT	-20080620ACX
32	W32CA	PORTLAND ME	166.7	LIC	BLTT	-20020429AAV
32	WETK	BURLINGTON VT	279.5	APP	BPEDT	-20050118AKO
32	WETK	BURLINGTON VT	279.5	LIC	BLEDT	-20061011ADW
33	WPXG-TV	CONCORD NH	95.0	CP	BPCDT	-20080619AJF
33	WPXG-TV	CONCORD NH	95.0	LIC	BLCDT	-20031014AEP
34	WNEU	MERRIMACK NH	82.0	LIC	BLCDT	-20021028AAH
35	WBIN-TV	DERRY NH	50.1	LIC	BLCDT	-20070126ACX
39	WSBK-TV	BOSTON MA	13.3	LIC	BLCDT	-20021009AAF
40	WGGB-TV	SPRINGFIELD MA	129.3	LIC	BLCDT	-20100702BBL
40	WDPX-TV	VINEYARD HAVEN MA	95.1	LIC	BLCDT	-20110615ABP
47	WYDN	WORCESTER MA	13.3	CP MOD	BMPEDT	-20080618ATX
47	WYDN	WORCESTER MA	12.4	LIC	BLEDT	-20050505ABL
32	W32CA		166.7	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.
32	WPX-TV	BOSTON MA	BLCDT -20040723ACG

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
31	WTIC-TV	HARTFORD CT	148.8	LIC	BLCDT -20101222AAE
31	WFXT	BOSTON MA	0.7	LIC	BLCDT -20090422ABH
32	WPSG	PHILADELPHIA PA	419.6	LIC	BLCDT -20021025AAS
32	WPSG	PHILADELPHIA PA	419.6	CP	BPCDT -20111024ACS
32	WQPX-TV	SCRANTON PA	385.0	LIC	BLCDT -20060629AFR
32	WETK	BURLINGTON VT	277.9	APP	BPEDT -20050118AKO
32	WETK	BURLINGTON VT	277.9	LIC	BLEDT -20061011ADW
33	WFSB	HARTFORD CT	143.3	LIC	BLCDT -20041029AIL
33	WFSB	HARTFORD CT	143.3	CP	BPCDT -20110630AAH
33	WPXG-TV	CONCORD NH	97.8	CP	BPCDT -20080619AJF
33	WPXG-TV	CONCORD NH	97.8	LIC	BLCDT -20031014AEP
32	W32CA		175.3	APP	USERRECORD-01

Total scenarios = 8

Result key: 1
 Scenario 1 Affected station 7
 Before Analysis

Results for: 32A MA BOSTON BLCDT 20040723ACG LIC
 HAAT 292.0 m, ATV ERP 300.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	6521003	20004.7
not affected by terrain losses	6485397	19731.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	196592	713.0
lost to ATV IX only	196592	713.0
lost to all IX	196592	713.0

Potential Interfering Stations Included in above Scenario 1

31A CT HARTFORD	BLCDT	20101222AAE	LIC
31A MA BOSTON	BLCDT	20090422ABH	LIC
32A VT BURLINGTON	BLEDT	20061011ADW	LIC
33A CT HARTFORD	BLCDT	20041029AIL	LIC
33A NH CONCORD	BPCDT	20080619AJF	CP

After Analysis

Results for: 32A MA BOSTON BLCDT 20040723ACG LIC
 HAAT 292.0 m, ATV ERP 300.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	6521003	20004.7
not affected by terrain losses	6485397	19731.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	199071	729.9
lost to ATV IX only	199071	729.9
lost to all IX	199071	729.9

Potential Interfering Stations Included in above Scenario 1

31A CT HARTFORD	BLCDT	20101222AAE	LIC
31A MA BOSTON	BLCDT	20090422ABH	LIC
32A VT BURLINGTON	BLEDT	20061011ADW	LIC
33A CT HARTFORD	BLCDT	20041029AIL	LIC
33A NH CONCORD	BPCDT	20080619AJF	CP
32A	USERRECORD01		APP

Percent new IX = 0.0394%

Result key: 2
 Scenario 2 Affected station 7
 Before Analysis

Results for: 32A MA BOSTON BLCDT 20040723ACG LIC
 HAAT 292.0 m, ATV ERP 300.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	6521003	20004.7
not affected by terrain losses	6485397	19731.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	180346	619.7
lost to ATV IX only	180346	619.7
lost to all IX	180346	619.7

Potential Interfering Stations Included in above Scenario 2

31A CT HARTFORD	BLCDT	20101222AAE	LIC
31A MA BOSTON	BLCDT	20090422ABH	LIC
32A VT BURLINGTON	BLEDT	20061011ADW	LIC
33A CT HARTFORD	BLCDT	20041029AIL	LIC
33A NH CONCORD	BLCDT	20031014AEP	LIC

After Analysis

Results for: 32A MA BOSTON BLCDT 20040723ACG LIC
 HAAT 292.0 m, ATV ERP 300.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	6521003	20004.7
not affected by terrain losses	6485397	19731.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	182825	637.6
lost to ATV IX only	182825	637.6
lost to all IX	182825	637.6

Potential Interfering Stations Included in above Scenario 2

31A CT HARTFORD	BLCDT	20101222AAE	LIC
31A MA BOSTON	BLCDT	20090422ABH	LIC
32A VT BURLINGTON	BLEDT	20061011ADW	LIC
33A CT HARTFORD	BLCDT	20041029AIL	LIC
33A NH CONCORD	BLCDT	20031014AEP	LIC
32A	USERRECORD01		APP

Percent new IX = 0.0393%

Result key: 3
 Scenario 3 Affected station 7
 Before Analysis

Results for: 32A MA BOSTON BLCDT 20040723ACG LIC
 HAAT 292.0 m, ATV ERP 300.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	6521003	20004.7
not affected by terrain losses	6485397	19731.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	196602	714.0
lost to ATV IX only	196602	714.0
lost to all IX	196602	714.0

Potential Interfering Stations Included in above Scenario 3

31A CT HARTFORD	BLCDT	20101222AAE	LIC
31A MA BOSTON	BLCDT	20090422ABH	LIC
32A VT BURLINGTON	BLEDT	20061011ADW	LIC
33A CT HARTFORD	BPCDT	20110630AAH	CP
33A NH CONCORD	BPCDT	20080619AJF	CP

After Analysis

Results for: 32A MA BOSTON BLCDT 20040723ACG LIC
 HAAT 292.0 m, ATV ERP 300.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	6521003	20004.7
not affected by terrain losses	6485397	19731.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	199081	730.9
lost to ATV IX only	199081	730.9
lost to all IX	199081	730.9

Potential Interfering Stations Included in above Scenario 3

31A CT HARTFORD	BLCDT	20101222AAE	LIC
31A MA BOSTON	BLCDT	20090422ABH	LIC
32A VT BURLINGTON	BLEDT	20061011ADW	LIC
33A CT HARTFORD	BPCDT	20110630AAH	CP
33A NH CONCORD	BPCDT	20080619AJF	CP
32A	USERRECORD01		APP

Percent new IX = 0.0394%

Result key: 4
 Scenario 4 Affected station 7
 Before Analysis

Results for: 32A MA BOSTON BLCDT 20040723ACG LIC
 HAAT 292.0 m, ATV ERP 300.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	6521003	20004.7
not affected by terrain losses	6485397	19731.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	180356	620.7
lost to ATV IX only	180356	620.7
lost to all IX	180356	620.7

Potential Interfering Stations Included in above Scenario 4

31A CT HARTFORD	BLCDT	20101222AAE	LIC
31A MA BOSTON	BLCDT	20090422ABH	LIC
32A VT BURLINGTON	BLEDT	20061011ADW	LIC
33A CT HARTFORD	BPCDT	20110630AAH	CP
33A NH CONCORD	BLCDT	20031014AEP	LIC

After Analysis

Results for: 32A MA BOSTON BLCDT 20040723ACG LIC
 HAAT 292.0 m, ATV ERP 300.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	6521003	20004.7
not affected by terrain losses	6485397	19731.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	182835	638.6
lost to ATV IX only	182835	638.6
lost to all IX	182835	638.6

Potential Interfering Stations Included in above Scenario 4

31A CT HARTFORD	BLCDT	20101222AAE	LIC
31A MA BOSTON	BLCDT	20090422ABH	LIC
32A VT BURLINGTON	BLEDT	20061011ADW	LIC
33A CT HARTFORD	BPCDT	20110630AAH	CP
33A NH CONCORD	BLCDT	20031014AEP	LIC
32A	USERRECORD01		APP

Percent new IX = 0.0393%

Result key: 5
Scenario 5 Affected station 7
Before Analysis

Results for: 32A MA BOSTON BLCDT 20040723ACG LIC
HAAT 292.0 m, ATV ERP 300.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	6521003	20004.7
not affected by terrain losses	6485397	19731.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	195603	694.2
lost to ATV IX only	195603	694.2
lost to all IX	195603	694.2

Potential Interfering Stations Included in above Scenario 5

31A CT HARTFORD	BLCDT	20101222AAE	LIC
31A MA BOSTON	BLCDT	20090422ABH	LIC
32A VT BURLINGTON	BPEDT	20050118AKO	APP
33A CT HARTFORD	BLCDT	20041029AIL	LIC
33A NH CONCORD	BPCDT	20080619AJF	CP

After Analysis

Results for: 32A MA BOSTON BLCDT 20040723ACG LIC
HAAT 292.0 m, ATV ERP 300.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	6521003	20004.7
not affected by terrain losses	6485397	19731.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	198451	715.0
lost to ATV IX only	198451	715.0
lost to all IX	198451	715.0

Potential Interfering Stations Included in above Scenario 5

31A CT HARTFORD	BLCDT	20101222AAE	LIC
31A MA BOSTON	BLCDT	20090422ABH	LIC
32A VT BURLINGTON	BPEDT	20050118AKO	APP
33A CT HARTFORD	BLCDT	20041029AIL	LIC
33A NH CONCORD	BPCDT	20080619AJF	CP
32A	USERRECORD01		APP

Percent new IX = 0.0453%

Result key: 6
Scenario 6 Affected station 7
Before Analysis

Results for: 32A MA BOSTON BLCDT 20040723ACG LIC
HAAT 292.0 m, ATV ERP 300.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	6521003	20004.7
not affected by terrain losses	6485397	19731.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	179357	600.8
lost to ATV IX only	179357	600.8
lost to all IX	179357	600.8

Potential Interfering Stations Included in above Scenario 6

31A CT HARTFORD	BLCDT	20101222AAE	LIC
31A MA BOSTON	BLCDT	20090422ABH	LIC
32A VT BURLINGTON	BPEDT	20050118AKO	APP
33A CT HARTFORD	BLCDT	20041029AIL	LIC

33A NH CONCORD BLCDT 20031014AEP LIC

After Analysis

Results for: 32A MA BOSTON BLCDT 20040723ACG LIC

HAAT 292.0 m, ATV ERP 300.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	6521003	20004.7
not affected by terrain losses	6485397	19731.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	182205	622.7
lost to ATV IX only	182205	622.7
lost to all IX	182205	622.7

Potential Interfering Stations Included in above Scenario 6

31A CT HARTFORD	BLCDT	20101222AAE	LIC
31A MA BOSTON	BLCDT	20090422ABH	LIC
32A VT BURLINGTON	BPEDT	20050118AKO	APP
33A CT HARTFORD	BLCDT	20041029AIL	LIC
33A NH CONCORD	BLCDT	20031014AEP	LIC
32A	USERRECORD01		APP

Percent new IX = 0.0452%

Result key: 7
Scenario 7 Affected station 7
Before Analysis

Results for: 32A MA BOSTON BLCDT 20040723ACG LIC

HAAT 292.0 m, ATV ERP 300.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	6521003	20004.7
not affected by terrain losses	6485397	19731.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	195613	695.2
lost to ATV IX only	195613	695.2
lost to all IX	195613	695.2

Potential Interfering Stations Included in above Scenario 7

31A CT HARTFORD	BLCDT	20101222AAE	LIC
31A MA BOSTON	BLCDT	20090422ABH	LIC
32A VT BURLINGTON	BPEDT	20050118AKO	APP
33A CT HARTFORD	BPCDT	20110630AAH	CP
33A NH CONCORD	BPCDT	20080619AJF	CP

After Analysis

Results for: 32A MA BOSTON BLCDT 20040723ACG LIC

HAAT 292.0 m, ATV ERP 300.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	6521003	20004.7
not affected by terrain losses	6485397	19731.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	198461	716.0
lost to ATV IX only	198461	716.0
lost to all IX	198461	716.0

Potential Interfering Stations Included in above Scenario 7

31A CT HARTFORD	BLCDT	20101222AAE	LIC
31A MA BOSTON	BLCDT	20090422ABH	LIC
32A VT BURLINGTON	BPEDT	20050118AKO	APP
33A CT HARTFORD	BPCDT	20110630AAH	CP
33A NH CONCORD	BPCDT	20080619AJF	CP
32A	USERRECORD01		APP

Percent new IX = 0.0453%

Result key: 8
Scenario 8 Affected station 7
Before Analysis

Results for: 32A MA BOSTON BLCDT 20040723ACG LIC
HAAT 292.0 m, ATV ERP 300.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	6521003	20004.7
not affected by terrain losses	6485397	19731.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	179367	601.8
lost to ATV IX only	179367	601.8
lost to all IX	179367	601.8

Potential Interfering Stations Included in above Scenario 8

31A CT HARTFORD	BLCDT	20101222AAE	LIC
31A MA BOSTON	BLCDT	20090422ABH	LIC
32A VT BURLINGTON	BPEDT	20050118AKO	APP
33A CT HARTFORD	BPCDT	20110630AAH	CP
33A NH CONCORD	BLCDT	20031014AEP	LIC

After Analysis

Results for: 32A MA BOSTON BLCDT 20040723ACG LIC
HAAT 292.0 m, ATV ERP 300.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	6521003	20004.7
not affected by terrain losses	6485397	19731.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	182215	623.7
lost to ATV IX only	182215	623.7
lost to all IX	182215	623.7

Potential Interfering Stations Included in above Scenario 8

31A CT HARTFORD	BLCDT	20101222AAE	LIC
31A MA BOSTON	BLCDT	20090422ABH	LIC
32A VT BURLINGTON	BPEDT	20050118AKO	APP
33A CT HARTFORD	BPCDT	20110630AAH	CP
33A NH CONCORD	BLCDT	20031014AEP	LIC
32A	USERRECORD01		APP

Percent new IX = 0.0452%

Worst case new IX 0.0453% Scenario 7

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Analysis of Interference to Affected Station 8

Analysis of current record

Channel	Call	City/State	Application Ref. No.
32	WPX-TV	BOSTON MA	BPCDT -20080620ACX

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
31	WTIC-TV	HARTFORD CT	149.0	LIC	BLCDT -20101222AAE
31	WFXT	BOSTON MA	0.0	LIC	BLCDT -20090422ABH
32	WPSG	PHILADELPHIA PA	419.6	LIC	BLCDT -20021025AAS
32	WPSG	PHILADELPHIA PA	419.6	CP	BPCDT -20111024ACS

32	WQPX-TV	SCRANTON PA	385.3	LIC	BLCDT	-20060629AFR
32	WETK	BURLINGTON VT	278.6	APP	BPEDT	-20050118AKO
32	WETK	BURLINGTON VT	278.6	LIC	BLEDT	-20061011ADW
33	WFSB	HARTFORD CT	143.5	LIC	BLCDT	-20041029AIL
33	WFSB	HARTFORD CT	143.5	CP	BPCDT	-20110630AAH
33	WPXG-TV	CONCORD NH	98.3	CP	BPCDT	-20080619AJF
33	WPXG-TV	CONCORD NH	98.3	LIC	BLCDT	-20031014AEP
32	W32CA		175.6	APP	USERRECORD-01	

Total scenarios = 8

Result key: 9
 Scenario 1 Affected station 8
 Before Analysis

Results for: 32A MA BOSTON BPCDT 20080620ACX CP
 HAAT 361.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	7424952	33864.0
not affected by terrain losses	7307790	32280.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	82316	909.3
lost to ATV IX only	82316	909.3
lost to all IX	82316	909.3

Potential Interfering Stations Included in above Scenario 1

31A CT HARTFORD	BLCDT	20101222AAE	LIC
32A PA SCRANTON	BLCDT	20060629AFR	LIC
32A VT BURLINGTON	BLEDT	20061011ADW	LIC
33A CT HARTFORD	BLCDT	20041029AIL	LIC
33A NH CONCORD	BPCDT	20080619AJF	CP

After Analysis

Results for: 32A MA BOSTON BPCDT 20080620ACX CP
 HAAT 361.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	7424952	33864.0
not affected by terrain losses	7307790	32280.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	84974	1154.5
lost to ATV IX only	84974	1154.5
lost to all IX	84974	1154.5

Potential Interfering Stations Included in above Scenario 1

31A CT HARTFORD	BLCDT	20101222AAE	LIC
32A PA SCRANTON	BLCDT	20060629AFR	LIC
32A VT BURLINGTON	BLEDT	20061011ADW	LIC
33A CT HARTFORD	BLCDT	20041029AIL	LIC
33A NH CONCORD	BPCDT	20080619AJF	CP
32A	USERRECORD01		APP

Percent new IX = 0.0368%

Result key: 10
 Scenario 2 Affected station 8
 Before Analysis

Results for: 32A MA BOSTON BPCDT 20080620ACX CP
 HAAT 361.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	7424952	33864.0
not affected by terrain losses	7307790	32280.7
lost to NTSC IX	0	0.0

lost to additional IX by ATV	67413	768.3
lost to ATV IX only	67413	768.3
lost to all IX	67413	768.3

Potential Interfering Stations Included in above Scenario 2

31A CT HARTFORD	BLCDDT	20101222AAE	LIC
32A PA SCRANTON	BLCDDT	20060629AFR	LIC
32A VT BURLINGTON	BLEDT	20061011ADW	LIC
33A CT HARTFORD	BLCDDT	20041029AIL	LIC
33A NH CONCORD	BLCDDT	20031014AEP	LIC

After Analysis

Results for: 32A MA BOSTON BPCDDT 20080620ACX CP
 HAAT 361.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	7424952	33864.0
not affected by terrain losses	7307790	32280.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	70133	1021.5
lost to ATV IX only	70133	1021.5
lost to all IX	70133	1021.5

Potential Interfering Stations Included in above Scenario 2

31A CT HARTFORD	BLCDDT	20101222AAE	LIC
32A PA SCRANTON	BLCDDT	20060629AFR	LIC
32A VT BURLINGTON	BLEDT	20061011ADW	LIC
33A CT HARTFORD	BLCDDT	20041029AIL	LIC
33A NH CONCORD	BLCDDT	20031014AEP	LIC
32A	USERRECORD01		APP

Percent new IX = 0.0376%

Result key: 11
 Scenario 3 Affected station 8
 Before Analysis

Results for: 32A MA BOSTON BPCDDT 20080620ACX CP
 HAAT 361.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	7424952	33864.0
not affected by terrain losses	7307790	32280.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	82777	922.2
lost to ATV IX only	82777	922.2
lost to all IX	82777	922.2

Potential Interfering Stations Included in above Scenario 3

31A CT HARTFORD	BLCDDT	20101222AAE	LIC
32A PA SCRANTON	BLCDDT	20060629AFR	LIC
32A VT BURLINGTON	BLEDT	20061011ADW	LIC
33A CT HARTFORD	BPCDDT	20110630AAH	CP
33A NH CONCORD	BPCDDT	20080619AJF	CP

After Analysis

Results for: 32A MA BOSTON BPCDDT 20080620ACX CP
 HAAT 361.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	7424952	33864.0
not affected by terrain losses	7307790	32280.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	85435	1167.4
lost to ATV IX only	85435	1167.4

lost to all IX 85435 1167.4

Potential Interfering Stations Included in above Scenario 3

31A CT HARTFORD	BLCDT	20101222AAE	LIC
32A PA SCRANTON	BLCDT	20060629AFR	LIC
32A VT BURLINGTON	BLEDT	20061011ADW	LIC
33A CT HARTFORD	BPCDT	20110630AAH	CP
33A NH CONCORD	BPCDT	20080619AJF	CP
32A	USERRECORD01		APP

Percent new IX = 0.0368%

Result key: 12
Scenario 4 Affected station 8
Before Analysis

Results for: 32A MA BOSTON BPCDT 20080620ACX CP

HAAT 361.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	7424952	33864.0
not affected by terrain losses	7307790	32280.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	67874	781.2
lost to ATV IX only	67874	781.2
lost to all IX	67874	781.2

Potential Interfering Stations Included in above Scenario 4

31A CT HARTFORD	BLCDT	20101222AAE	LIC
32A PA SCRANTON	BLCDT	20060629AFR	LIC
32A VT BURLINGTON	BLEDT	20061011ADW	LIC
33A CT HARTFORD	BPCDT	20110630AAH	CP
33A NH CONCORD	BLCDT	20031014AEP	LIC

After Analysis

Results for: 32A MA BOSTON BPCDT 20080620ACX CP

HAAT 361.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	7424952	33864.0
not affected by terrain losses	7307790	32280.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	70594	1034.4
lost to ATV IX only	70594	1034.4
lost to all IX	70594	1034.4

Potential Interfering Stations Included in above Scenario 4

31A CT HARTFORD	BLCDT	20101222AAE	LIC
32A PA SCRANTON	BLCDT	20060629AFR	LIC
32A VT BURLINGTON	BLEDT	20061011ADW	LIC
33A CT HARTFORD	BPCDT	20110630AAH	CP
33A NH CONCORD	BLCDT	20031014AEP	LIC
32A	USERRECORD01		APP

Percent new IX = 0.0376%

Result key: 13
Scenario 5 Affected station 8
Before Analysis

Results for: 32A MA BOSTON BPCDT 20080620ACX CP

HAAT 361.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	7424952	33864.0
not affected by terrain losses	7307790	32280.7

lost to NTSC IX	0	0.0
lost to additional IX by ATV	80885	882.5
lost to ATV IX only	80885	882.5
lost to all IX	80885	882.5

Potential Interfering Stations Included in above Scenario 5

31A CT HARTFORD	BLCDDT	20101222AAE	LIC
32A PA SCRANTON	BLCDDT	20060629AFR	LIC
32A VT BURLINGTON	BPEDT	20050118AKO	APP
33A CT HARTFORD	BLCDDT	20041029AIL	LIC
33A NH CONCORD	BPCDDT	20080619AJF	CP

After Analysis

Results for: 32A MA BOSTON BPCDDT 20080620ACX CP
 HAAT 361.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	7424952	33864.0
not affected by terrain losses	7307790	32280.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	83543	1127.7
lost to ATV IX only	83543	1127.7
lost to all IX	83543	1127.7

Potential Interfering Stations Included in above Scenario 5

31A CT HARTFORD	BLCDDT	20101222AAE	LIC
32A PA SCRANTON	BLCDDT	20060629AFR	LIC
32A VT BURLINGTON	BPEDT	20050118AKO	APP
33A CT HARTFORD	BLCDDT	20041029AIL	LIC
33A NH CONCORD	BPCDDT	20080619AJF	CP
32A	USERRECORD01		APP

Percent new IX = 0.0368%

Result key: 14
 Scenario 6 Affected station 8
 Before Analysis

Results for: 32A MA BOSTON BPCDDT 20080620ACX CP
 HAAT 361.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	7424952	33864.0
not affected by terrain losses	7307790	32280.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	65982	741.5
lost to ATV IX only	65982	741.5
lost to all IX	65982	741.5

Potential Interfering Stations Included in above Scenario 6

31A CT HARTFORD	BLCDDT	20101222AAE	LIC
32A PA SCRANTON	BLCDDT	20060629AFR	LIC
32A VT BURLINGTON	BPEDT	20050118AKO	APP
33A CT HARTFORD	BLCDDT	20041029AIL	LIC
33A NH CONCORD	BLCDDT	20031014AEP	LIC

After Analysis

Results for: 32A MA BOSTON BPCDDT 20080620ACX CP
 HAAT 361.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	7424952	33864.0
not affected by terrain losses	7307790	32280.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	68702	994.7

lost to ATV IX only	68702	994.7
lost to all IX	68702	994.7

Potential Interfering Stations Included in above Scenario 6

31A CT HARTFORD	BLCDT	20101222AAE	LIC
32A PA SCRANTON	BLCDT	20060629AFR	LIC
32A VT BURLINGTON	BPEDT	20050118AKO	APP
33A CT HARTFORD	BLCDT	20041029AIL	LIC
33A NH CONCORD	BLCDT	20031014AEP	LIC
32A	USERRECORD01		APP

Percent new IX = 0.0376%

Result key: 15
 Scenario 7 Affected station 8
 Before Analysis

Results for: 32A MA BOSTON BPCDT 20080620ACX CP
 HAAT 361.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	7424952	33864.0
not affected by terrain losses	7307790	32280.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	81346	895.4
lost to ATV IX only	81346	895.4
lost to all IX	81346	895.4

Potential Interfering Stations Included in above Scenario 7

31A CT HARTFORD	BLCDT	20101222AAE	LIC
32A PA SCRANTON	BLCDT	20060629AFR	LIC
32A VT BURLINGTON	BPEDT	20050118AKO	APP
33A CT HARTFORD	BPCDT	20110630AAH	CP
33A NH CONCORD	BPCDT	20080619AJF	CP

After Analysis

Results for: 32A MA BOSTON BPCDT 20080620ACX CP
 HAAT 361.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	7424952	33864.0
not affected by terrain losses	7307790	32280.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	84004	1140.6
lost to ATV IX only	84004	1140.6
lost to all IX	84004	1140.6

Potential Interfering Stations Included in above Scenario 7

31A CT HARTFORD	BLCDT	20101222AAE	LIC
32A PA SCRANTON	BLCDT	20060629AFR	LIC
32A VT BURLINGTON	BPEDT	20050118AKO	APP
33A CT HARTFORD	BPCDT	20110630AAH	CP
33A NH CONCORD	BPCDT	20080619AJF	CP
32A	USERRECORD01		APP

Percent new IX = 0.0368%

Result key: 16
 Scenario 8 Affected station 8
 Before Analysis

Results for: 32A MA BOSTON BPCDT 20080620ACX CP
 HAAT 361.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	7424952	33864.0

not affected by terrain losses	7307790	32280.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	66443	754.4
lost to ATV IX only	66443	754.4
lost to all IX	66443	754.4

Potential Interfering Stations Included in above Scenario 8

31A CT HARTFORD	BLCDT	20101222AAE	LIC
32A PA SCRANTON	BLCDT	20060629AFR	LIC
32A VT BURLINGTON	BPEDT	20050118AKO	APP
33A CT HARTFORD	BPCDT	20110630AAH	CP
33A NH CONCORD	BLCDT	20031014AEP	LIC

After Analysis

Results for: 32A MA BOSTON BPCDT 20080620ACX CP
 HAAT 361.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	7424952	33864.0
not affected by terrain losses	7307790	32280.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	69163	1007.6
lost to ATV IX only	69163	1007.6
lost to all IX	69163	1007.6

Potential Interfering Stations Included in above Scenario 8

31A CT HARTFORD	BLCDT	20101222AAE	LIC
32A PA SCRANTON	BLCDT	20060629AFR	LIC
32A VT BURLINGTON	BPEDT	20050118AKO	APP
33A CT HARTFORD	BPCDT	20110630AAH	CP
33A NH CONCORD	BLCDT	20031014AEP	LIC
32A	USERRECORD01		APP

Percent new IX = 0.0376%

Worst case new IX 0.0376% Scenario 4

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Analysis of Interference to Affected Station 9

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
32	WETK	BURLINGTON VT	BPEDT	-20050118AKO

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
32	WBPX-TV	BOSTON MA	277.9	LIC	BLCDT	-20040723ACG
32	WBPX-TV	BOSTON MA	278.6	CP	BPCDT	-20080620ACX
32	WQPX-TV	SCRANTON PA	417.2	LIC	BLCDT	-20060629AFR
33	WPXG-TV	CONCORD NH	191.2	CP	BPCDT	-20080619AJF
33	WPXG-TV	CONCORD NH	191.2	LIC	BLCDT	-20031014AEP
32	W32CA		216.1	APP	USERRECORD-01	

Total scenarios = 4

Result key: 17
 Scenario 1 Affected station 9
 Before Analysis

Results for: 32A VT BURLINGTON BPEDT 20050118AKO APP

HAAT 844.0 m, ATV ERP 25.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	558729	29544.4
not affected by terrain losses	482436	24047.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	319	17.6
lost to ATV IX only	319	17.6
lost to all IX	319	17.6

Potential Interfering Stations Included in above Scenario 1

32A MA BOSTON	BLCDT	20040723ACG	LIC
33A NH CONCORD	BPCDT	20080619AJF	CP

After Analysis

Results for: 32A VT BURLINGTON BPEDT 20050118AKO APP
 HAAT 844.0 m, ATV ERP 25.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	558729	29544.4
not affected by terrain losses	482436	24047.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	478	21.5
lost to ATV IX only	478	21.5
lost to all IX	478	21.5

Potential Interfering Stations Included in above Scenario 1

32A MA BOSTON	BLCDT	20040723ACG	LIC
33A NH CONCORD	BPCDT	20080619AJF	CP
32A	USERRECORD01		APP

Percent new IX = 0.0330%

Result key: 18
 Scenario 2 Affected station 9
 Before Analysis

Results for: 32A VT BURLINGTON BPEDT 20050118AKO APP
 HAAT 844.0 m, ATV ERP 25.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	558729	29544.4
not affected by terrain losses	482436	24047.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	319	17.6
lost to ATV IX only	319	17.6
lost to all IX	319	17.6

Potential Interfering Stations Included in above Scenario 2

32A MA BOSTON	BLCDT	20040723ACG	LIC
33A NH CONCORD	BLCDT	20031014AEP	LIC

After Analysis

Results for: 32A VT BURLINGTON BPEDT 20050118AKO APP
 HAAT 844.0 m, ATV ERP 25.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	558729	29544.4
not affected by terrain losses	482436	24047.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	478	21.5
lost to ATV IX only	478	21.5
lost to all IX	478	21.5

Potential Interfering Stations Included in above Scenario 2

32A MA BOSTON	BLCDT	20040723ACG	LIC
33A NH CONCORD	BLCDT	20031014AEP	LIC
32A	USERRECORD01		APP

Percent new IX = 0.0330%

Result key: 19
 Scenario 3 Affected station 9
 Before Analysis

Results for: 32A VT BURLINGTON BPEDT 20050118AKO APP
 HAAT 844.0 m, ATV ERP 25.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	558729	29544.4
not affected by terrain losses	482436	24047.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1658	143.8
lost to ATV IX only	1658	143.8
lost to all IX	1658	143.8

Potential Interfering Stations Included in above Scenario 3

32A MA BOSTON	BPCDT	20080620ACX	CP
33A NH CONCORD	BPCDT	20080619AJF	CP

After Analysis

Results for: 32A VT BURLINGTON BPEDT 20050118AKO APP
 HAAT 844.0 m, ATV ERP 25.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	558729	29544.4
not affected by terrain losses	482436	24047.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1732	147.7
lost to ATV IX only	1732	147.7
lost to all IX	1732	147.7

Potential Interfering Stations Included in above Scenario 3

32A MA BOSTON	BPCDT	20080620ACX	CP
33A NH CONCORD	BPCDT	20080619AJF	CP
32A	USERRECORD01		APP

Percent new IX = 0.0154%

Result key: 20
 Scenario 4 Affected station 9
 Before Analysis

Results for: 32A VT BURLINGTON BPEDT 20050118AKO APP
 HAAT 844.0 m, ATV ERP 25.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	558729	29544.4
not affected by terrain losses	482436	24047.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1658	143.8
lost to ATV IX only	1658	143.8
lost to all IX	1658	143.8

Potential Interfering Stations Included in above Scenario 4

32A MA BOSTON	BPCDT	20080620ACX	CP
33A NH CONCORD	BLCDT	20031014AEP	LIC

After Analysis

Results for: 32A VT BURLINGTON BPEDT 20050118AKO APP

HAAT 844.0 m, ATV ERP 25.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	558729	29544.4
not affected by terrain losses	482436	24047.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1732	147.7
lost to ATV IX only	1732	147.7
lost to all IX	1732	147.7

Potential Interfering Stations Included in above Scenario 4

32A MA BOSTON	BPCDT	20080620ACX	CP
33A NH CONCORD	BLCDT	20031014AEP	LIC
32A	USERRECORD01		APP

Percent new IX = 0.0154%

Worst case new IX 0.0330% Scenario 1

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Analysis of Interference to Affected Station 10

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
32	WETK	BURLINGTON VT	BLEDT	-20061011ADW

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
32	WBPX-TV	BOSTON MA	277.9	LIC	BLCDT	-20040723ACG
32	WBPX-TV	BOSTON MA	278.6	CP	BPCDT	-20080620ACX
32	WQPX-TV	SCRANTON PA	417.2	LIC	BLCDT	-20060629AFR
33	WPXG-TV	CONCORD NH	191.2	CP	BPCDT	-20080619AJF
33	WPXG-TV	CONCORD NH	191.2	LIC	BLCDT	-20031014AEP
32	W32CA		216.1	APP	USERRECORD-01	

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.
33	WBGR-LP	BANGOR/DEDHAM ME	BLTTL	-19990707JC

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
33	WPXG-TV	CONCORD NH	271.4	CP	BPCDT	-20080619AJF
33	WPXG-TV	CONCORD NH	271.4	LIC	BLCDT	-20031014AEP
32	W32CA		170.6	APP	USERRECORD-01	

Proposed station is beyond the site to nearest cell evaluation distance

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Analysis of Interference to Affected Station 12

Analysis of current record

Channel	Call	City/State	Application Ref. No.	
33	WPXG-TV	CONCORD NH	BPCDT	-20080619AJF

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.	
32	WBPX-TV	BOSTON MA	97.8	LIC	BLCDDT	-20040723ACG
32	WBPX-TV	BOSTON MA	98.3	CP	BPCDDT	-20080620ACX
32	WETK	BURLINGTON VT	191.2	APP	BPEDT	-20050118AKO
32	WETK	BURLINGTON VT	191.2	LIC	BLEDT	-20061011ADW
33	WFSB	HARTFORD CT	198.4	LIC	BLCDDT	-20041029AIL
33	WFSB	HARTFORD CT	198.4	CP	BPCDDT	-20110630AAH
33	WCBS-TV	NEW YORK NY	349.1	CP	BPCDDT	-20090924AAQ
33	WCBS-TV	NEW YORK NY	349.1	LIC	BLCDDT	-20090612AFN
33	WCBS-TV	NEW YORK NY	353.6	APP	BMPCDDT	-20080619AAZ
34	WNEU	MERRIMACK NH	31.2	LIC	BLCDDT	-20021028AAH
34	WMHT	SCHENECTADY NY	227.7	LIC	BLEDT	-20040108ALV
32	W32CA		101.0	APP	USERRECORD-01	

Total scenarios = 12

Result key: 21
 Scenario 1 Affected station 12
 Before Analysis

Results for: 33A NH CONCORD BPCDDT 20080619AJF CP
 HAAT 344.0 m, ATV ERP 190.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2955066	22113.7
not affected by terrain losses	2859810	20046.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	241936	1239.7
lost to ATV IX only	241936	1239.7
lost to all IX	241936	1239.7

Potential Interfering Stations Included in above Scenario 1

32A MA BOSTON	BLCDDT	20040723ACG	LIC
33A CT HARTFORD	BLCDDT	20041029AIL	LIC
33A NY NEW YORK	BPCDDT	20090924AAQ	CP
34A NH MERRIMACK	BLCDDT	20021028AAH	LIC

After Analysis

Results for: 33A NH CONCORD BPCDDT 20080619AJF CP
 HAAT 344.0 m, ATV ERP 190.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2955066	22113.7
not affected by terrain losses	2859810	20046.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	241936	1241.6
lost to ATV IX only	241936	1241.6
lost to all IX	241936	1241.6

Potential Interfering Stations Included in above Scenario 1

32A MA BOSTON	BLCDDT	20040723ACG	LIC
33A CT HARTFORD	BLCDDT	20041029AIL	LIC
33A NY NEW YORK	BPCDDT	20090924AAQ	CP
34A NH MERRIMACK	BLCDDT	20021028AAH	LIC
32A	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 22
 Scenario 2 Affected station 12

Before Analysis

Results for: 33A NH CONCORD BPCDT 20080619AJF CP
HAAT 344.0 m, ATV ERP 190.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2955066	22113.7
not affected by terrain losses	2859810	20046.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	241914	1235.8
lost to ATV IX only	241914	1235.8
lost to all IX	241914	1235.8

Potential Interfering Stations Included in above Scenario 2

32A MA BOSTON	BLCDT	20040723ACG	LIC
33A CT HARTFORD	BLCDT	20041029AIL	LIC
33A NY NEW YORK	BLCDT	20090612AFN	LIC
34A NH MERRIMACK	BLCDT	20021028AAH	LIC

After Analysis

Results for: 33A NH CONCORD BPCDT 20080619AJF CP
HAAT 344.0 m, ATV ERP 190.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2955066	22113.7
not affected by terrain losses	2859810	20046.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	241914	1237.7
lost to ATV IX only	241914	1237.7
lost to all IX	241914	1237.7

Potential Interfering Stations Included in above Scenario 2

32A MA BOSTON	BLCDT	20040723ACG	LIC
33A CT HARTFORD	BLCDT	20041029AIL	LIC
33A NY NEW YORK	BLCDT	20090612AFN	LIC
34A NH MERRIMACK	BLCDT	20021028AAH	LIC
32A	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 23
Scenario 3 Affected station 12
Before Analysis

Results for: 33A NH CONCORD BPCDT 20080619AJF CP
HAAT 344.0 m, ATV ERP 190.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2955066	22113.7
not affected by terrain losses	2859810	20046.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	249830	1374.8
lost to ATV IX only	249830	1374.8
lost to all IX	249830	1374.8

Potential Interfering Stations Included in above Scenario 3

32A MA BOSTON	BLCDT	20040723ACG	LIC
33A CT HARTFORD	BPCDT	20110630AAH	CP
33A NY NEW YORK	BPCDT	20090924AAQ	CP
34A NH MERRIMACK	BLCDT	20021028AAH	LIC

After Analysis

Results for: 33A NH CONCORD BPCDT 20080619AJF CP
HAAT 344.0 m, ATV ERP 190.0 kW

	POPULATION	AREA (sq km)
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within Noise Limited Contour	2955066	22113.7
not affected by terrain losses	2859810	20046.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	249830	1375.8
lost to ATV IX only	249830	1375.8
lost to all IX	249830	1375.8

Potential Interfering Stations Included in above Scenario 3

32A MA BOSTON	BLCDT	20040723ACG	LIC
33A CT HARTFORD	BPCDT	20110630AAH	CP
33A NY NEW YORK	BPCDT	20090924AAQ	CP
34A NH MERRIMACK	BLCDT	20021028AAH	LIC
32A	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 24
Scenario 4 Affected station 12
Before Analysis

Results for: 33A NH CONCORD BPCDT 20080619AJF CP
HAAT 344.0 m, ATV ERP 190.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2955066	22113.7
not affected by terrain losses	2859810	20046.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	249808	1370.9
lost to ATV IX only	249808	1370.9
lost to all IX	249808	1370.9

Potential Interfering Stations Included in above Scenario 4

32A MA BOSTON	BLCDT	20040723ACG	LIC
33A CT HARTFORD	BPCDT	20110630AAH	CP
33A NY NEW YORK	BLCDT	20090612AFN	LIC
34A NH MERRIMACK	BLCDT	20021028AAH	LIC

After Analysis

Results for: 33A NH CONCORD BPCDT 20080619AJF CP
HAAT 344.0 m, ATV ERP 190.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2955066	22113.7
not affected by terrain losses	2859810	20046.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	249808	1371.9
lost to ATV IX only	249808	1371.9
lost to all IX	249808	1371.9

Potential Interfering Stations Included in above Scenario 4

32A MA BOSTON	BLCDT	20040723ACG	LIC
33A CT HARTFORD	BPCDT	20110630AAH	CP
33A NY NEW YORK	BLCDT	20090612AFN	LIC
34A NH MERRIMACK	BLCDT	20021028AAH	LIC
32A	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 25
Scenario 5 Affected station 12
Before Analysis

Results for: 33A NH CONCORD BPCDT 20080619AJF CP
HAAT 344.0 m, ATV ERP 190.0 kW

	POPULATION	AREA (sq km)
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within Noise Limited Contour	2955066	22113.7
not affected by terrain losses	2859810	20046.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	491149	1753.8
lost to ATV IX only	491149	1753.8
lost to all IX	491149	1753.8

Potential Interfering Stations Included in above Scenario 5

32A MA BOSTON	BPCDT	20080620ACX	CP
33A CT HARTFORD	BLCDDT	20041029AIL	LIC
33A NY NEW YORK	BPCDT	20090924AAQ	CP
34A NH MERRIMACK	BLCDDT	20021028AAH	LIC

After Analysis

Results for: 33A NH CONCORD BPCDT 20080619AJF CP
 HAAT 344.0 m, ATV ERP 190.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2955066	22113.7
not affected by terrain losses	2859810	20046.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	491149	1755.7
lost to ATV IX only	491149	1755.7
lost to all IX	491149	1755.7

Potential Interfering Stations Included in above Scenario 5

32A MA BOSTON	BPCDT	20080620ACX	CP
33A CT HARTFORD	BLCDDT	20041029AIL	LIC
33A NY NEW YORK	BPCDT	20090924AAQ	CP
34A NH MERRIMACK	BLCDDT	20021028AAH	LIC
32A	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 26
 Scenario 6 Affected station 12
 Before Analysis

Results for: 33A NH CONCORD BPCDT 20080619AJF CP
 HAAT 344.0 m, ATV ERP 190.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2955066	22113.7
not affected by terrain losses	2859810	20046.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	491127	1749.9
lost to ATV IX only	491127	1749.9
lost to all IX	491127	1749.9

Potential Interfering Stations Included in above Scenario 6

32A MA BOSTON	BPCDT	20080620ACX	CP
33A CT HARTFORD	BLCDDT	20041029AIL	LIC
33A NY NEW YORK	BLCDDT	20090612AFN	LIC
34A NH MERRIMACK	BLCDDT	20021028AAH	LIC

After Analysis

Results for: 33A NH CONCORD BPCDT 20080619AJF CP
 HAAT 344.0 m, ATV ERP 190.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2955066	22113.7
not affected by terrain losses	2859810	20046.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	491127	1751.8
lost to ATV IX only	491127	1751.8

lost to all IX 491127 1751.8

Potential Interfering Stations Included in above Scenario 6

32A MA BOSTON	BPCDT	20080620ACX	CP
33A CT HARTFORD	BLCDT	20041029AIL	LIC
33A NY NEW YORK	BLCDT	20090612AFN	LIC
34A NH MERRIMACK	BLCDT	20021028AAH	LIC
32A	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 27
 Scenario 7 Affected station 12
 Before Analysis

Results for: 33A NH CONCORD BPCDT 20080619AJF CP
 HAAT 344.0 m, ATV ERP 190.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2955066	22113.7
not affected by terrain losses	2859810	20046.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	499043	1887.0
lost to ATV IX only	499043	1887.0
lost to all IX	499043	1887.0

Potential Interfering Stations Included in above Scenario 7

32A MA BOSTON	BPCDT	20080620ACX	CP
33A CT HARTFORD	BPCDT	20110630AAH	CP
33A NY NEW YORK	BPCDT	20090924AAQ	CP
34A NH MERRIMACK	BLCDT	20021028AAH	LIC

After Analysis

Results for: 33A NH CONCORD BPCDT 20080619AJF CP
 HAAT 344.0 m, ATV ERP 190.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2955066	22113.7
not affected by terrain losses	2859810	20046.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	499043	1887.9
lost to ATV IX only	499043	1887.9
lost to all IX	499043	1887.9

Potential Interfering Stations Included in above Scenario 7

32A MA BOSTON	BPCDT	20080620ACX	CP
33A CT HARTFORD	BPCDT	20110630AAH	CP
33A NY NEW YORK	BPCDT	20090924AAQ	CP
34A NH MERRIMACK	BLCDT	20021028AAH	LIC
32A	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 28
 Scenario 8 Affected station 12
 Before Analysis

Results for: 33A NH CONCORD BPCDT 20080619AJF CP
 HAAT 344.0 m, ATV ERP 190.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2955066	22113.7
not affected by terrain losses	2859810	20046.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	499021	1883.0
lost to ATV IX only	499021	1883.0

lost to all IX 499021 1883.0

Potential Interfering Stations Included in above Scenario 8

32A MA BOSTON	BPCDT	20080620ACX	CP
33A CT HARTFORD	BPCDT	20110630AAH	CP
33A NY NEW YORK	BLCDT	20090612AFN	LIC
34A NH MERRIMACK	BLCDT	20021028AAH	LIC

After Analysis

Results for: 33A NH CONCORD BPCDT 20080619AJF CP
 HAAT 344.0 m, ATV ERP 190.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2955066	22113.7
not affected by terrain losses	2859810	20046.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	499021	1884.0
lost to ATV IX only	499021	1884.0
lost to all IX	499021	1884.0

Potential Interfering Stations Included in above Scenario 8

32A MA BOSTON	BPCDT	20080620ACX	CP
33A CT HARTFORD	BPCDT	20110630AAH	CP
33A NY NEW YORK	BLCDT	20090612AFN	LIC
34A NH MERRIMACK	BLCDT	20021028AAH	LIC
32A	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 29
 Scenario 9 Affected station 12
 Before Analysis

Results for: 33A NH CONCORD BPCDT 20080619AJF CP
 HAAT 344.0 m, ATV ERP 190.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2955066	22113.7
not affected by terrain losses	2859810	20046.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	241911	1236.8
lost to ATV IX only	241911	1236.8
lost to all IX	241911	1236.8

Potential Interfering Stations Included in above Scenario 9

32A MA BOSTON	BLCDT	20040723ACG	LIC
33A CT HARTFORD	BLCDT	20041029AIL	LIC
33A NY NEW YORK	BMPCDT	20080619AAZ	APP
34A NH MERRIMACK	BLCDT	20021028AAH	LIC

After Analysis

Results for: 33A NH CONCORD BPCDT 20080619AJF CP
 HAAT 344.0 m, ATV ERP 190.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2955066	22113.7
not affected by terrain losses	2859810	20046.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	241911	1238.7
lost to ATV IX only	241911	1238.7
lost to all IX	241911	1238.7

Potential Interfering Stations Included in above Scenario 9

32A MA BOSTON	BLCDT	20040723ACG	LIC
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33A CT HARTFORD	BLCDT	20041029AIL	LIC
33A NY NEW YORK	BMPCDT	20080619AAZ	APP
34A NH MERRIMACK	BLCDT	20021028AAH	LIC
32A	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 30
 Scenario 10 Affected station 12
 Before Analysis

Results for: 33A NH CONCORD BPCDT 20080619AJF CP
 HAAT 344.0 m, ATV ERP 190.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2955066	22113.7
not affected by terrain losses	2859810	20046.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	249805	1372.9
lost to ATV IX only	249805	1372.9
lost to all IX	249805	1372.9

Potential Interfering Stations Included in above Scenario 10

32A MA BOSTON	BLCDT	20040723ACG	LIC
33A CT HARTFORD	BPCDT	20110630AAH	CP
33A NY NEW YORK	BMPCDT	20080619AAZ	APP
34A NH MERRIMACK	BLCDT	20021028AAH	LIC

After Analysis

Results for: 33A NH CONCORD BPCDT 20080619AJF CP
 HAAT 344.0 m, ATV ERP 190.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2955066	22113.7
not affected by terrain losses	2859810	20046.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	249805	1373.8
lost to ATV IX only	249805	1373.8
lost to all IX	249805	1373.8

Potential Interfering Stations Included in above Scenario 10

32A MA BOSTON	BLCDT	20040723ACG	LIC
33A CT HARTFORD	BPCDT	20110630AAH	CP
33A NY NEW YORK	BMPCDT	20080619AAZ	APP
34A NH MERRIMACK	BLCDT	20021028AAH	LIC
32A	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 31
 Scenario 11 Affected station 12
 Before Analysis

Results for: 33A NH CONCORD BPCDT 20080619AJF CP
 HAAT 344.0 m, ATV ERP 190.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2955066	22113.7
not affected by terrain losses	2859810	20046.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	491124	1750.8
lost to ATV IX only	491124	1750.8
lost to all IX	491124	1750.8

Potential Interfering Stations Included in above Scenario 11

32A MA BOSTON	BPCDT	20080620ACX	CP
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33A CT HARTFORD	BLCDT	20041029AIL	LIC
33A NY NEW YORK	BMPCDT	20080619AAZ	APP
34A NH MERRIMACK	BLCDT	20021028AAH	LIC

After Analysis

Results for: 33A NH CONCORD BPCDT 20080619AJF CP
 HAAT 344.0 m, ATV ERP 190.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2955066	22113.7
not affected by terrain losses	2859810	20046.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	491124	1752.8
lost to ATV IX only	491124	1752.8
lost to all IX	491124	1752.8

Potential Interfering Stations Included in above Scenario 11

32A MA BOSTON	BPCDT	20080620ACX	CP
33A CT HARTFORD	BLCDT	20041029AIL	LIC
33A NY NEW YORK	BMPCDT	20080619AAZ	APP
34A NH MERRIMACK	BLCDT	20021028AAH	LIC
32A	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 32
 Scenario 12 Affected station 12
 Before Analysis

Results for: 33A NH CONCORD BPCDT 20080619AJF CP
 HAAT 344.0 m, ATV ERP 190.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2955066	22113.7
not affected by terrain losses	2859810	20046.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	499018	1885.0
lost to ATV IX only	499018	1885.0
lost to all IX	499018	1885.0

Potential Interfering Stations Included in above Scenario 12

32A MA BOSTON	BPCDT	20080620ACX	CP
33A CT HARTFORD	BPCDT	20110630AAH	CP
33A NY NEW YORK	BMPCDT	20080619AAZ	APP
34A NH MERRIMACK	BLCDT	20021028AAH	LIC

After Analysis

Results for: 33A NH CONCORD BPCDT 20080619AJF CP
 HAAT 344.0 m, ATV ERP 190.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2955066	22113.7
not affected by terrain losses	2859810	20046.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	499018	1886.0
lost to ATV IX only	499018	1886.0
lost to all IX	499018	1886.0

Potential Interfering Stations Included in above Scenario 12

32A MA BOSTON	BPCDT	20080620ACX	CP
33A CT HARTFORD	BPCDT	20110630AAH	CP
33A NY NEW YORK	BMPCDT	20080619AAZ	APP
34A NH MERRIMACK	BLCDT	20021028AAH	LIC
32A	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 13

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
33	WPXG-TV	CONCORD NH	BLCDT	-20031014AEP

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
32	WBPX-TV	BOSTON MA	97.8	LIC	BLCDT	-20040723ACG
32	WBPX-TV	BOSTON MA	98.3	CP	BPCDT	-20080620ACX
32	WETK	BURLINGTON VT	191.2	APP	BPEDT	-20050118AKO
32	WETK	BURLINGTON VT	191.2	LIC	BLEDT	-20061011ADW
33	WFSB	HARTFORD CT	198.4	LIC	BLCDT	-20041029AIL
33	WFSB	HARTFORD CT	198.4	CP	BPCDT	-20110630AAH
33	WCBS-TV	NEW YORK NY	349.1	CP	BPCDT	-20090924AAQ
33	WCBS-TV	NEW YORK NY	349.1	LIC	BLCDT	-20090612AFN
33	WCBS-TV	NEW YORK NY	353.6	APP	BMPCDT	-20080619AAZ
34	WNEU	MERRIMACK NH	31.2	LIC	BLCDT	-20021028AAH
34	WMHT	SCHENECTADY NY	227.7	LIC	BLEDT	-20040108ALV
32	W32CA		101.0	APP	USERRECORD-01	

Total scenarios = 12

Result key: 33
Scenario 1 Affected station 13
Before Analysis

Results for: 33A NH CONCORD BLCDT 20031014AEP LIC
HAAT 344.0 m, ATV ERP 100.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2481131	19903.4
not affected by terrain losses	2412649	17887.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	129992	1139.7
lost to ATV IX only	129992	1139.7
lost to all IX	129992	1139.7

Potential Interfering Stations Included in above Scenario 1

32A MA BOSTON	BLCDT	20040723ACG	LIC
33A CT HARTFORD	BLCDT	20041029AIL	LIC
33A NY NEW YORK	BPCDT	20090924AAQ	CP
34A NH MERRIMACK	BLCDT	20021028AAH	LIC

After Analysis

Results for: 33A NH CONCORD BLCDT 20031014AEP LIC
HAAT 344.0 m, ATV ERP 100.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2481131	19903.4
not affected by terrain losses	2412649	17887.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	130091	1141.7
lost to ATV IX only	130091	1141.7
lost to all IX	130091	1141.7

Potential Interfering Stations Included in above Scenario 1

32A MA BOSTON	BLCDT	20040723ACG	LIC
33A CT HARTFORD	BLCDT	20041029AIL	LIC
33A NY NEW YORK	BPCDT	20090924AAQ	CP
34A NH MERRIMACK	BLCDT	20021028AAH	LIC
32A	USERRECORD01		APP

Percent new IX = 0.0043%

Result key: 34
 Scenario 2 Affected station 13
 Before Analysis

Results for: 33A NH CONCORD BLCDT 20031014AEP LIC
 HAAT 344.0 m, ATV ERP 100.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2481131	19903.4
not affected by terrain losses	2412649	17887.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	129992	1139.7
lost to ATV IX only	129992	1139.7
lost to all IX	129992	1139.7

Potential Interfering Stations Included in above Scenario 2

32A MA BOSTON	BLCDT	20040723ACG	LIC
33A CT HARTFORD	BLCDT	20041029AIL	LIC
33A NY NEW YORK	BLCDT	20090612AFN	LIC
34A NH MERRIMACK	BLCDT	20021028AAH	LIC

After Analysis

Results for: 33A NH CONCORD BLCDT 20031014AEP LIC
 HAAT 344.0 m, ATV ERP 100.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2481131	19903.4
not affected by terrain losses	2412649	17887.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	130091	1141.7
lost to ATV IX only	130091	1141.7
lost to all IX	130091	1141.7

Potential Interfering Stations Included in above Scenario 2

32A MA BOSTON	BLCDT	20040723ACG	LIC
33A CT HARTFORD	BLCDT	20041029AIL	LIC
33A NY NEW YORK	BLCDT	20090612AFN	LIC
34A NH MERRIMACK	BLCDT	20021028AAH	LIC
32A	USERRECORD01		APP

Percent new IX = 0.0043%

Result key: 35
 Scenario 3 Affected station 13
 Before Analysis

Results for: 33A NH CONCORD BLCDT 20031014AEP LIC
 HAAT 344.0 m, ATV ERP 100.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2481131	19903.4
not affected by terrain losses	2412649	17887.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	138036	1263.1
lost to ATV IX only	138036	1263.1
lost to all IX	138036	1263.1

Potential Interfering Stations Included in above Scenario 3

32A USERRECORD01 APP

Percent new IX = 0.0044%

Result key: 37
Scenario 5 Affected station 13
Before Analysis

Results for: 33A NH CONCORD BLCDT 20031014AEP LIC
HAAT 344.0 m, ATV ERP 100.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2481131	19903.4
not affected by terrain losses	2412649	17887.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	319121	1489.3
lost to ATV IX only	319121	1489.3
lost to all IX	319121	1489.3

Potential Interfering Stations Included in above Scenario 5

32A MA BOSTON	BPCDT	20080620ACX	CP
33A CT HARTFORD	BLCDT	20041029AIL	LIC
33A NY NEW YORK	BPCDT	20090924AAQ	CP
34A NH MERRIMACK	BLCDT	20021028AAH	LIC

After Analysis

Results for: 33A NH CONCORD BLCDT 20031014AEP LIC
HAAT 344.0 m, ATV ERP 100.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2481131	19903.4
not affected by terrain losses	2412649	17887.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	319220	1491.3
lost to ATV IX only	319220	1491.3
lost to all IX	319220	1491.3

Potential Interfering Stations Included in above Scenario 5

32A MA BOSTON	BPCDT	20080620ACX	CP
33A CT HARTFORD	BLCDT	20041029AIL	LIC
33A NY NEW YORK	BPCDT	20090924AAQ	CP
34A NH MERRIMACK	BLCDT	20021028AAH	LIC
32A	USERRECORD01		APP

Percent new IX = 0.0047%

Result key: 38
Scenario 6 Affected station 13
Before Analysis

Results for: 33A NH CONCORD BLCDT 20031014AEP LIC
HAAT 344.0 m, ATV ERP 100.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2481131	19903.4
not affected by terrain losses	2412649	17887.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	319121	1489.3
lost to ATV IX only	319121	1489.3
lost to all IX	319121	1489.3

Potential Interfering Stations Included in above Scenario 6

32A MA BOSTON	BPCDT	20080620ACX	CP
33A CT HARTFORD	BLCDT	20041029AIL	LIC
33A NY NEW YORK	BLCDT	20090612AFN	LIC
34A NH MERRIMACK	BLCDT	20021028AAH	LIC

Scenario 8 Affected station 13
Before Analysis

Results for: 33A NH CONCORD BLCDT 20031014AEP LIC
HAAT 344.0 m, ATV ERP 100.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2481131	19903.4
not affected by terrain losses	2412649	17887.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	323793	1609.7
lost to ATV IX only	323793	1609.7
lost to all IX	323793	1609.7

Potential Interfering Stations Included in above Scenario 8

32A MA BOSTON	BPCDT	20080620ACX	CP
33A CT HARTFORD	BPCDT	20110630AAH	CP
33A NY NEW YORK	BLCDT	20090612AFN	LIC
34A NH MERRIMACK	BLCDT	20021028AAH	LIC

After Analysis

Results for: 33A NH CONCORD BLCDT 20031014AEP LIC
HAAT 344.0 m, ATV ERP 100.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2481131	19903.4
not affected by terrain losses	2412649	17887.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	323892	1611.7
lost to ATV IX only	323892	1611.7
lost to all IX	323892	1611.7

Potential Interfering Stations Included in above Scenario 8

32A MA BOSTON	BPCDT	20080620ACX	CP
33A CT HARTFORD	BPCDT	20110630AAH	CP
33A NY NEW YORK	BLCDT	20090612AFN	LIC
34A NH MERRIMACK	BLCDT	20021028AAH	LIC
32A	USERRECORD01		APP

Percent new IX = 0.0047%

Result key: 41

Scenario 9 Affected station 13
Before Analysis

Results for: 33A NH CONCORD BLCDT 20031014AEP LIC
HAAT 344.0 m, ATV ERP 100.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2481131	19903.4
not affected by terrain losses	2412649	17887.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	129301	1136.8
lost to ATV IX only	129301	1136.8
lost to all IX	129301	1136.8

Potential Interfering Stations Included in above Scenario 9

32A MA BOSTON	BLCDT	20040723ACG	LIC
33A CT HARTFORD	BLCDT	20041029AIL	LIC
33A NY NEW YORK	BMPCDT	20080619AAZ	APP
34A NH MERRIMACK	BLCDT	20021028AAH	LIC

After Analysis

Results for: 33A NH CONCORD BLCDT 20031014AEP LIC
HAAT 344.0 m, ATV ERP 100.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2481131	19903.4
not affected by terrain losses	2412649	17887.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	129400	1138.8
lost to ATV IX only	129400	1138.8
lost to all IX	129400	1138.8

Potential Interfering Stations Included in above Scenario 9

32A MA BOSTON	BLCDT	20040723ACG	LIC
33A CT HARTFORD	BLCDT	20041029AIL	LIC
33A NY NEW YORK	BMPCDT	20080619AAZ	APP
34A NH MERRIMACK	BLCDT	20021028AAH	LIC
32A	USERRECORD01		APP

Percent new IX = 0.0043%

Result key: 42
 Scenario 10 Affected station 13
 Before Analysis

Results for: 33A NH CONCORD BLCDT 20031014AEP LIC
 HAAT 344.0 m, ATV ERP 100.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2481131	19903.4
not affected by terrain losses	2412649	17887.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	137345	1260.2
lost to ATV IX only	137345	1260.2
lost to all IX	137345	1260.2

Potential Interfering Stations Included in above Scenario 10

32A MA BOSTON	BLCDT	20040723ACG	LIC
33A CT HARTFORD	BPCDT	20110630AAH	CP
33A NY NEW YORK	BMPCDT	20080619AAZ	APP
34A NH MERRIMACK	BLCDT	20021028AAH	LIC

After Analysis

Results for: 33A NH CONCORD BLCDT 20031014AEP LIC
 HAAT 344.0 m, ATV ERP 100.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2481131	19903.4
not affected by terrain losses	2412649	17887.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	137444	1262.1
lost to ATV IX only	137444	1262.1
lost to all IX	137444	1262.1

Potential Interfering Stations Included in above Scenario 10

32A MA BOSTON	BLCDT	20040723ACG	LIC
33A CT HARTFORD	BPCDT	20110630AAH	CP
33A NY NEW YORK	BMPCDT	20080619AAZ	APP
34A NH MERRIMACK	BLCDT	20021028AAH	LIC
32A	USERRECORD01		APP

Percent new IX = 0.0044%

Result key: 43
 Scenario 11 Affected station 13
 Before Analysis

Results for: 33A NH CONCORD BLCDT 20031014AEP LIC
 HAAT 344.0 m, ATV ERP 100.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2481131	19903.4
not affected by terrain losses	2412649	17887.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	318430	1486.4
lost to ATV IX only	318430	1486.4
lost to all IX	318430	1486.4

Potential Interfering Stations Included in above Scenario 11

32A MA BOSTON	BPCDT	20080620ACX	CP
33A CT HARTFORD	BLCDT	20041029AIL	LIC
33A NY NEW YORK	BMPCDT	20080619AAZ	APP
34A NH MERRIMACK	BLCDT	20021028AAH	LIC

After Analysis

Results for: 33A NH CONCORD BLCDT 20031014AEP LIC

HAAT 344.0 m, ATV ERP 100.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2481131	19903.4
not affected by terrain losses	2412649	17887.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	318529	1488.3
lost to ATV IX only	318529	1488.3
lost to all IX	318529	1488.3

Potential Interfering Stations Included in above Scenario 11

32A MA BOSTON	BPCDT	20080620ACX	CP
33A CT HARTFORD	BLCDT	20041029AIL	LIC
33A NY NEW YORK	BMPCDT	20080619AAZ	APP
34A NH MERRIMACK	BLCDT	20021028AAH	LIC
32A	USERRECORD01		APP

Percent new IX = 0.0047%

Result key: 44
Scenario 12 Affected station 13
Before Analysis

Results for: 33A NH CONCORD BLCDT 20031014AEP LIC

HAAT 344.0 m, ATV ERP 100.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2481131	19903.4
not affected by terrain losses	2412649	17887.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	323102	1606.8
lost to ATV IX only	323102	1606.8
lost to all IX	323102	1606.8

Potential Interfering Stations Included in above Scenario 12

32A MA BOSTON	BPCDT	20080620ACX	CP
33A CT HARTFORD	BPCDT	20110630AAH	CP
33A NY NEW YORK	BMPCDT	20080619AAZ	APP
34A NH MERRIMACK	BLCDT	20021028AAH	LIC

After Analysis

Results for: 33A NH CONCORD BLCDT 20031014AEP LIC

HAAT 344.0 m, ATV ERP 100.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2481131	19903.4
not affected by terrain losses	2412649	17887.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	323201	1608.8

lost to ATV IX only 323201 1608.8
lost to all IX 323201 1608.8

Potential Interfering Stations Included in above Scenario 12

32A MA BOSTON BPCDT 20080620ACX CP
33A CT HARTFORD BPCDT 20110630AAH CP
33A NY NEW YORK BMPCDT 20080619AAZ APP
34A NH MERRIMACK BLCDT 20021028AAH LIC
32A USERRECORD01 APP

Percent new IX = 0.0047%

Worst case new IX 0.0047% Scenario 7

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Analysis of Interference to Affected Station 14

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
33	W33AK	NASHUA NH	BLTTL	-19950728IB

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
25	WNNE	HARTFORD VT	109.8	LIC	BLCDT	-20050801BFZ
29	WUNI	WORCESTER MA	51.7	LIC	BLCDT	-20090821ABQ
30	WBZ-TV	BOSTON MA	53.6	LIC	BLCDT	-20060420ABG
30	WBZ-TV	BOSTON MA	53.6	CP	BPCDT	-20080616ABK
31	WFXT	BOSTON MA	54.9	LIC	BLCDT	-20090422ABH
32	WPX-TV	BOSTON MA	54.2	LIC	BLCDT	-20040723ACG
32	WPX-TV	BOSTON MA	54.9	CP	BPCDT	-20080620ACX
33	WFSB	HARTFORD CT	155.7	LIC	BLCDT	-20041029AIL
33	WFSB	HARTFORD CT	155.7	CP	BPCDT	-20110630AAH
33	WMPX-LP	DENNIS MA	150.6	LIC	BLTTL	-20041202ACZ
33	WPXG-TV	CONCORD NH	48.3	CP	BPCDT	-20080619AJF
33	WPXG-TV	CONCORD NH	48.3	LIC	BLCDT	-20031014AEP
33	WCBS-TV	NEW YORK NY	306.3	CP	BPCDT	-20090924AAQ
33	WCBS-TV	NEW YORK NY	306.3	LIC	BLCDT	-20090612AFN
33	WCBS-TV	NEW YORK NY	310.8	APP	BMPCDT	-20080619AAZ
34	WNEU	MERRIMACK NH	26.6	LIC	BLCDT	-20021028AAH
35	WBIN-TV	DERRY NH	6.5	LIC	BLCDT	-20070126ACX
36	WCDC-TV	ADAMS MA	140.0	LIC	BLCDT	-20080718AAO
40	WGGB-TV	SPRINGFIELD MA	113.1	LIC	BLCDT	-20100702BBL
41	WLVI	CAMBRIDGE MA	54.9	CP	BPCDT	-20090715AHM
41	WLVI	CAMBRIDGE MA	54.9	LIC	BLCDT	-20070212ABF
47	WYDN	WORCESTER MA	53.6	CP MOD	BMPEDT	-20080618ATX
47	WYDN	WORCESTER MA	54.2	LIC	BLEDT	-20050505ABL
32	W32CA		142.4	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.
39	W39AR	CONCORD NH	BLTTL	-19890424IB

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
31	WFXT	BOSTON MA	103.9	LIC	BLCDDT	-20090422ABH
32	WBPX-TV	BOSTON MA	103.3	LIC	BLCDDT	-20040723ACG
32	WBPX-TV	BOSTON MA	103.9	CP	BPCDDT	-20080620ACX
35	WPME	LEWISTON ME	121.5	LIC	BLCDDT	-20081103ADE
35	WBIN-TV	DERRY NH	53.8	LIC	BLCDDT	-20070126ACX
38	WGME-TV	PORTLAND ME	116.5	LIC	BLCDDT	-20061206ACS
39	WCTX	NEW HAVEN CT	229.5	LIC	BLCDDT	-20040507AAZ
39	WSBK-TV	BOSTON MA	102.7	LIC	BLCDDT	-20021009AAF
39	WGMU-CA	BURLINGTON VT	180.2	LIC	BLTTA	-20050829AAN
40	W40DC-D	MANCHESTER NH	44.5	CP	BNPDDL	-20091230ABX
41	WLVI	CAMBRIDGE MA	103.9	CP	BPCDDT	-20090715AHM
41	WLVI	CAMBRIDGE MA	103.9	LIC	BLCDDT	-20070212ABF
42	WHDH-DR	BOSTON MA	103.0	APP	BPRM	-20090706ABZ
42	WHDH	BOSTON MA	103.0	LIC	BLCDDT	-20101217AAX
43	WGBX-TV	BOSTON MA	102.7	LIC	BLEDT	-20021219AAN
43	WPXT	PORTLAND ME	121.5	LIC	BLCDDT	-20060714ABB
47	WYDN	WORCESTER MA	102.7	CP MOD	BMPEDT	-20080618ATX
47	WYDN	WORCESTER MA	103.3	LIC	BLEDT	-20050505ABL
32	W32CA		114.5	APP	USERRECORD-01	

Proposed station is beyond the site to nearest cell evaluation distance

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Analysis of Interference to Affected Station 16

Analysis of current record

Channel	Call	City/State	Application Ref. No.
32	W32CA		USERRECORD-01

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
32	WTMU-LP	BOSTON MA	166.7	LIC	BLTTTL	-19950414IE
32	WBPX-TV	BOSTON MA	175.3	LIC	BLCDDT	-20040723ACG
32	WBPX-TV	BOSTON MA	175.6	CP	BPCDDT	-20080620ACX
32	WETK	BURLINGTON VT	216.1	APP	BPEDT	-20050118AKO
32	WETK	BURLINGTON VT	216.1	LIC	BLEDT	-20061011ADW
33	WPXG-TV	CONCORD NH	101.0	CP	BPCDDT	-20080619AJF
33	WPXG-TV	CONCORD NH	101.0	LIC	BLCDDT	-20031014AEP

Total scenarios = 2

Result key: 45
Scenario 1 Affected station 16
Before Analysis

Results for: 32A USERRECORD01 APP

	POPULATION	AREA (sq km)
HAAT 200.0 m, ATV ERP 15.0 kW		
within Noise Limited Contour	509528	7985.8
not affected by terrain losses	508721	7912.4
lost to NTSC IX	28	2.0
lost to additional IX by ATV	798	24.8
lost to ATV IX only	826	25.8
lost to all IX	826	26.8

Potential Interfering Stations Included in above Scenario 1

32N MA BOSTON	BLTTTL	19950414IE	LIC
32A MA BOSTON	BLCDDT	20040723ACG	LIC

33A NH CONCORD BPCDT 20080619AJF CP

Result key: 46
Scenario 2 Affected station 16
Before Analysis

Results for: 32A USERRECORD01 APP
HAAT 200.0 m, ATV ERP 15.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	509528	7985.8
not affected by terrain losses	508721	7912.4
lost to NTSC IX	28	2.0
lost to additional IX by ATV	20170	241.1
lost to ATV IX only	20198	243.0
lost to all IX	20198	243.0

Potential Interfering Stations Included in above Scenario 2

32N MA BOSTON	BLTTL	19950414IE	LIC
32A MA BOSTON	BPCDT	20080620ACX	CP
33A NH CONCORD	BPCDT	20080619AJF	CP

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