

FIGURE 1 (36 Pages)

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/cdb/pt_tvdb.sff

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 01-05-2017 Time: 17:39:39

Record Selected for Analysis

CAPEMAY USERRECORD-01 WOODBINE NJ US
Channel 33 ERP 15. kW HAAT 86. m RCAMSL 00088 m FULL SERVICE MASK
Latitude 039-13-45 Longitude 0074-40-54
Status APP Zone 1 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	86.5	40.969
45.0	15.000	87.6	41.121
90.0	15.000	87.9	41.161
135.0	15.000	88.0	41.180
180.0	15.000	88.0	41.174
225.0	15.000	83.2	40.504
270.0	15.000	81.0	40.194
315.0	15.000	84.6	40.711

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 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

Channel	Call	Proposed Station City/State	ARN
33	CAPEMAY	WOODBINE NJ	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
32	WGDV-LD	SALISBURY MD	121.4	CP	BNPDTL	-20100913AAO
32	WGDV-LD	SALISBURY MD	121.9	LIC	BLANK	-0000013993
32	WXNY-LD	NEW YORK NY	180.0	LIC	BLDTL	-20090908ACO
32	W32EI-D	PORT JERVIS NY	198.0	LIC	BLANK	-0000015198
32	WPSG	PHILADELPHIA PA	102.0	LIC	BLANK	-0000001047
33	WFSB	HARTFORD CT	324.3	LIC	BLCDT	-20041029AIL
33	WHUT-TV	WASHINGTON DC	209.2	CP	BPEDT	-20120627AAD
33	WHUT-TV	WASHINGTON DC	209.2	LIC	BLEDT	-20071018AIJ
33	W33DP-D	REHOBOTH DE	39.1	CP MOD	BLANK	-0000018533
33	W33DP-D	REHOBOTH DE	66.6	CP	BNPDTL	-20100817AAR
33	WCBS-TV	NEW YORK NY	178.9	LIC	BLCDT	-20090612AFN
33	WCBS-TV	NEW YORK NY	174.4	CP MOD	BMPCDT	-20080619AAZ
33	W33CR-D	CHAMBERSBURG PA	277.9	LIC	BLDTT	-20100503ACB
33	WZPA-LD	PHILADELPHIA PA	101.9	CP	BDFCDTL	-20100915ABB
33	WZPA-LD	PHILADELPHIA PA	101.9	LIC	BLDTL	-20120615AAK
33	W33DZ-D	WILLIAMSPORT PA	292.4	CP	BDCCDTT	-20130103ACT
33	WTVZ-TV	NORFOLK VA	312.8	LIC	BLCDT	-20090602ABA
34	WPXO-LD	EAST ORANGE NJ	178.9	LIC	BLDTL	-20090511AYH
34	WWOR-TV	SECAUCUS NJ	203.0	LIC	BLANK	-0000001381
34	W34DI-D	PORT JERVIS NY	198.0	LIC	BLANK	-0000016498
34	WCAU	PHILADELPHIA PA	102.0	LIC	BLCDT	-20090914AAX
41	WDUM-LD	SPRINGVILLE NJ	102.0	LIC	BLTTL	-20041117ACS

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Analysis of Interference to Affected Station 1

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
32	WGDV-LD	SALISBURY MD	BNPDTL	-20100913AAO

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
31	WRDE-LD	REHOBOTH BEACH DE	48.1	LIC	BLDTL	-20081024AAY
32	WRZB-LD	WASHINGTON DC	141.6	CP	BLANK	-0000007855
32	WRZB-LD	WASHINGTON DC	141.6	LIC	BLDTL	-20140415AAW
32	WITN-TV	WASHINGTON NC	373.6	LIC	BLCDT	-20060615ABD
32	WTAJ-TV	ALTOONA PA	342.2	LIC	BLCDT	-20051018ACE

32	WPSG	PHILADELPHIA PA	184.6	LIC	BLANK	-0000001047
32	WQPX-TV	SCRANTON PA	337.0	LIC	BLCDT	-20060629AFR
32	WVIR-TV	CHARLOTTESVILLE VA	255.9	LIC	BLCDT	-20040908AAE
33	W33DP-D	REHOBOTH DE	55.0	CP	BNPDTL	-20100817AAR
33	CAPEMAY	WOODBINE NJ	121.4	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 2

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
32	WGDV-LD	SALISBURY MD	BLANK	-0000013993

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
31	WRDE-LD	REHOBOTH BEACH DE	51.7	LIC	BLDTL	-20081024AAY
32	WRZB-LD	WASHINGTON DC	126.5	CP	BLANK	-0000007855
32	WRZB-LD	WASHINGTON DC	126.5	LIC	BLDTL	-20140415AAW
32	WITN-TV	WASHINGTON NC	378.4	LIC	BLCDT	-20060615ABD
32	WTAJ-TV	ALTOONA PA	326.3	LIC	BLCDT	-20051018ACE
32	WPSG	PHILADELPHIA PA	176.5	LIC	BLANK	-0000001047
32	WQPX-TV	SCRANTON PA	326.0	LIC	BLCDT	-20060629AFR
32	WVIR-TV	CHARLOTTESVILLE VA	246.5	LIC	BLCDT	-20040908AAE
33	WHUT-TV	WASHINGTON DC	126.8	CP	BPEDT	-20120627AAD
33	WHUT-TV	WASHINGTON DC	126.8	LIC	BLEDT	-20071018AIJ
33	W33DP-D	REHOBOTH DE	57.8	CP	BNPDTL	-20100817AAR
33	CAPEMAY	WOODBINE NJ	121.9	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 3

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
32	WXNY-LD	NEW YORK NY	BLDTL	-20090908ACO

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
31	WPXN-TV	NEW YORK NY	3.6	LIC	BLCDT	-20110729AAQ
31	WPXN-TV	NEW YORK NY	7.0	CP MOD	BMPCDT	-20080620ALZ
31	W31EF-D	PORT JERVIS NY	62.0	LIC	BLANK	-0000019117
32	WBPX-TV	BOSTON MA	285.1	LIC	BLCDT	-20040723ACG
32	WNYW	NEW YORK NY	82.4	LIC	BLANK	-0000004589
32	WNYW	NEWBURGH NY	82.4	CP	BDRTCDT	-20140114ACL
32	W32EI-D	PORT JERVIS NY	92.1	LIC	BLTTL	-20121024AAB
32	W32EI-D	PORT JERVIS NY	62.0	LIC	BLANK	-0000015198
32	WTAJ-TV	ALTOONA PA	379.7	LIC	BLCDT	-20051018ACE

32	WPSG	PHILADELPHIA PA	134.6	LIC	BLANK	-0000001047
32	WQPX-TV	SCRANTON PA	167.7	LIC	BLCDT	-20060629AFR
33	WCBS-TV	NEW YORK NY	3.6	LIC	BLCDT	-20090612AFN
33	WCBS-TV	NEW YORK NY	7.0	CP MOD	BMPCDT	-20080619AAZ
33	CAPEMAY	WOODBINE NJ	180.0	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 4

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
32	W32EI-D	PORT JERVIS NY	BLANK	-0000015198

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
31	WPPX-TV	WILMINGTON DE	120.5	LIC	BLCDT	-20031203AFL
31	WPXN-TV	NEW YORK NY	58.8	LIC	BLCDT	-20110729AAQ
31	WPXN-TV	NEW YORK NY	58.9	CP MOD	BMPCDT	-20080620ALZ
31	W31EF-D	PORT JERVIS NY	0.0	LIC	BLANK	-0000019117
31	WSWB	SCRANTON PA	106.0	LIC	BLCDT	-20140326AAZ
31	WSWB	SCRANTON PA	106.0	CP	BLANK	-0000014013
32	WBPX-TV	BOSTON MA	314.8	LIC	BLCDT	-20040723ACG
32	WNYW	NEW YORK NY	75.8	LIC	BLANK	-0000004589
32	WXNY-LD	NEW YORK NY	62.0	LIC	BLDTL	-20090908ACO
32	WNYW	NEWBURGH NY	75.8	CP	BDRTCDT	-20140114ACL
32	WTAJ-TV	ALTOONA PA	327.5	LIC	BLCDT	-20051018ACE
32	WPSG	PHILADELPHIA PA	120.5	LIC	BLANK	-0000001047
32	WQPX-TV	SCRANTON PA	105.8	LIC	BLCDT	-20060629AFR
33	WCBS-TV	NEW YORK NY	58.8	LIC	BLCDT	-20090612AFN
33	WCBS-TV	NEW YORK NY	58.9	CP MOD	BMPCDT	-20080619AAZ
33	CAPEMAY	WOODBINE NJ	198.0	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 5

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
32	WPSG	PHILADELPHIA PA	BLANK	-0000001047

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
31	WPPX-TV	WILMINGTON DE	0.0	LIC	BLCDT	-20031203AFL

31	WPXN-TV	NEW YORK NY	131.8	LIC	BLCDDT	-20110729AAQ
31	WPXN-TV	NEW YORK NY	127.6	CP MOD	BMPCDDT	-20080620ALZ
31	WSWB	SCRANTON PA	160.4	LIC	BLCDDT	-20140326AAZ
31	WSWB	SCRANTON PA	160.4	CP	BLANK	-0000014013
32	WBPX-TV	BOSTON MA	419.6	LIC	BLCDDT	-20040723ACG
32	WTAJ-TV	ALTOONA PA	277.9	LIC	BLCDDT	-20051018ACE
32	WQPX-TV	SCRANTON PA	160.3	LIC	BLCDDT	-20060629AFR
32	WVIR-TV	CHARLOTTESVILLE VA	361.7	LIC	BLCDDT	-20040908AAE
33	WHUT-TV	WASHINGTON DC	199.3	CP	BPEDT	-20120627AAD
33	WHUT-TV	WASHINGTON DC	199.3	LIC	BLEDT	-20071018AIJ
33	WCBS-TV	NEW YORK NY	131.8	LIC	BLCDDT	-20090612AFN
33	WCBS-TV	NEW YORK NY	127.6	CP MOD	BMPCDDT	-20080619AAZ
33	CAPEMAY	WOODBINE NJ	102.0	APP	USERRECORD-01	

Total scenarios = 4

Result key: 1
 Scenario 1 Affected station 5
 Before Analysis

Results for: 32A PA PHILADELPHIA BLANK 0000001047 LIC
 HAAT 400.0 m, ATV ERP 800.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	9659191	29422.9
not affected by terrain losses	9367296	28621.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	351720	879.2
lost to ATV IX only	351720	879.2
lost to all IX	351720	879.2

Potential Interfering Stations Included in above Scenario 1

31A NY NEW YORK	BLCDDT	20110729AAQ	LIC
32A PA ALTOONA	BLCDDT	20051018ACE	LIC
32A PA SCRANTON	BLCDDT	20060629AFR	LIC
32A VA CHARLOTTESVILLE	BLCDDT	20040908AAE	LIC
33A NY NEW YORK	BLCDDT	20090612AFN	LIC

After Analysis

Results for: 32A PA PHILADELPHIA BLANK 0000001047 LIC
 HAAT 400.0 m, ATV ERP 800.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	9659191	29422.9
not affected by terrain losses	9367296	28621.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	368089	1059.0
lost to ATV IX only	368089	1059.0
lost to all IX	368089	1059.0

Potential Interfering Stations Included in above Scenario 1

31A NY NEW YORK	BLCDDT	20110729AAQ	LIC
32A PA ALTOONA	BLCDDT	20051018ACE	LIC
32A PA SCRANTON	BLCDDT	20060629AFR	LIC

32A VA CHARLOTTESVILLE	BLCDDT	20040908AAE	LIC
33A NY NEW YORK	BLCDDT	20090612AFN	LIC
33A NJ WOODBINE	USERRECORD01		APP

Percent new IX = 0.1816%

Result key: 2
 Scenario 2 Affected station 5
 Before Analysis

Results for: 32A PA PHILADELPHIA BLANK 0000001047 LIC
 HAAT 400.0 m, ATV ERP 800.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	9659191	29422.9
not affected by terrain losses	9367296	28621.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	550594	1156.2
lost to ATV IX only	550594	1156.2
lost to all IX	550594	1156.2

Potential Interfering Stations Included in above Scenario 2

31A NY NEW YORK	BLCDDT	20110729AAQ	LIC
32A PA ALTOONA	BLCDDT	20051018ACE	LIC
32A PA SCRANTON	BLCDDT	20060629AFR	LIC
32A VA CHARLOTTESVILLE	BLCDDT	20040908AAE	LIC
33A NY NEW YORK	BMPCDDT	20080619AAZ	CP

After Analysis

Results for: 32A PA PHILADELPHIA BLANK 0000001047 LIC
 HAAT 400.0 m, ATV ERP 800.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	9659191	29422.9
not affected by terrain losses	9367296	28621.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	566963	1336.0
lost to ATV IX only	566963	1336.0
lost to all IX	566963	1336.0

Potential Interfering Stations Included in above Scenario 2

31A NY NEW YORK	BLCDDT	20110729AAQ	LIC
32A PA ALTOONA	BLCDDT	20051018ACE	LIC
32A PA SCRANTON	BLCDDT	20060629AFR	LIC
32A VA CHARLOTTESVILLE	BLCDDT	20040908AAE	LIC
33A NY NEW YORK	BMPCDDT	20080619AAZ	CP
33A NJ WOODBINE	USERRECORD01		APP

Percent new IX = 0.1857%

Result key: 3
 Scenario 3 Affected station 5
 Before Analysis

Results for: 32A PA PHILADELPHIA BLANK 0000001047 LIC

HAAT 400.0 m, ATV ERP 800.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	9659191	29422.9
not affected by terrain losses	9367296	28621.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	358850	896.9
lost to ATV IX only	358850	896.9
lost to all IX	358850	896.9

Potential Interfering Stations Included in above Scenario 3

31A NY NEW YORK	BMPCDT	20080620ALZ	CP
32A PA ALTOONA	BLCDDT	20051018ACE	LIC
32A PA SCRANTON	BLCDDT	20060629AFR	LIC
32A VA CHARLOTTESVILLE	BLCDDT	20040908AAE	LIC
33A NY NEW YORK	BLCDDT	20090612AFN	LIC

After Analysis

Results for: 32A PA PHILADELPHIA BLANK 0000001047 LIC
HAAT 400.0 m, ATV ERP 800.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	9659191	29422.9
not affected by terrain losses	9367296	28621.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	375219	1076.6
lost to ATV IX only	375219	1076.6
lost to all IX	375219	1076.6

Potential Interfering Stations Included in above Scenario 3

31A NY NEW YORK	BMPCDT	20080620ALZ	CP
32A PA ALTOONA	BLCDDT	20051018ACE	LIC
32A PA SCRANTON	BLCDDT	20060629AFR	LIC
32A VA CHARLOTTESVILLE	BLCDDT	20040908AAE	LIC
33A NY NEW YORK	BLCDDT	20090612AFN	LIC
33A NJ WOODBINE	USERRECORD01		APP

Percent new IX = 0.1817%

Result key: 4
Scenario 4 Affected station 5
Before Analysis

Results for: 32A PA PHILADELPHIA BLANK 0000001047 LIC
HAAT 400.0 m, ATV ERP 800.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	9659191	29422.9
not affected by terrain losses	9367296	28621.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	550554	1155.2
lost to ATV IX only	550554	1155.2
lost to all IX	550554	1155.2

Potential Interfering Stations Included in above Scenario 4

31A NY NEW YORK	BMPCDT	20080620ALZ	CP
32A PA ALTOONA	BLCDDT	20051018ACE	LIC
32A PA SCRANTON	BLCDDT	20060629AFR	LIC
32A VA CHARLOTTESVILLE	BLCDDT	20040908AAE	LIC
33A NY NEW YORK	BMPCDT	20080619AAZ	CP

After Analysis

Results for: 32A PA PHILADELPHIA BLANK 0000001047 LIC
 HAAT 400.0 m, ATV ERP 800.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	9659191	29422.9
not affected by terrain losses	9367296	28621.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	566923	1335.0
lost to ATV IX only	566923	1335.0
lost to all IX	566923	1335.0

Potential Interfering Stations Included in above Scenario 4

31A NY NEW YORK	BMPCDT	20080620ALZ	CP
32A PA ALTOONA	BLCDDT	20051018ACE	LIC
32A PA SCRANTON	BLCDDT	20060629AFR	LIC
32A VA CHARLOTTESVILLE	BLCDDT	20040908AAE	LIC
33A NY NEW YORK	BMPCDT	20080619AAZ	CP
33A NJ WOODBINE	USERRECORD01		APP

Percent new IX = 0.1857%

Worst case new IX 0.1857% Scenario 2

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Analysis of Interference to Affected Station 6

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
33	WFSB	HARTFORD CT	BLCDDT	-20041029AIL

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
32	WPX-TV	BOSTON MA	143.3	LIC	BLCDDT	-20040723ACG
33	WPXG-TV	CONCORD NH	198.4	LIC	BLCDDT	-20031014AEP
33	WCBS-TV	NEW YORK NY	150.8	LIC	BLCDDT	-20090612AFN
33	WCBS-TV	NEW YORK NY	155.3	CP MOD	BMPCDT	-20080619AAZ
34	WNEU	MERRIMACK NH	167.4	LIC	BLCDDT	-20021028AAH
34	WMHT	SCHENECTADY NY	137.0	LIC	BLCDDT	-20040108ALV
33	CAPEMAY	WOODBINE NJ	324.3	APP	USERRECORD-01	

Total scenarios = 2

Result key: 5

Scenario 1 Affected station 6
Before Analysis

Results for: 33A CT HARTFORD BLC DT 20041029AIL LIC
HAAT 289.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	4586740	27327.5
not affected by terrain losses	4227503	24783.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	741918	3840.8
lost to ATV IX only	741918	3840.8
lost to all IX	741918	3840.8

Potential Interfering Stations Included in above Scenario 1

32A MA BOSTON	BLC DT	20040723ACG	LIC
33A NH CONCORD	BLC DT	20031014AEP	LIC
33A NY NEW YORK	BLC DT	20090612AFN	LIC
34A NY SCHENECTADY	BLE DT	20040108ALV	LIC

After Analysis

Results for: 33A CT HARTFORD BLC DT 20041029AIL LIC
HAAT 289.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	4586740	27327.5
not affected by terrain losses	4227503	24783.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	741918	3840.8
lost to ATV IX only	741918	3840.8
lost to all IX	741918	3840.8

Potential Interfering Stations Included in above Scenario 1

32A MA BOSTON	BLC DT	20040723ACG	LIC
33A NH CONCORD	BLC DT	20031014AEP	LIC
33A NY NEW YORK	BLC DT	20090612AFN	LIC
34A NY SCHENECTADY	BLE DT	20040108ALV	LIC
33A NJ WOODBINE	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 6
Scenario 2 Affected station 6
Before Analysis

Results for: 33A CT HARTFORD BLC DT 20041029AIL LIC
HAAT 289.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	4586740	27327.5
not affected by terrain losses	4227503	24783.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	831337	4627.3
lost to ATV IX only	831337	4627.3
lost to all IX	831337	4627.3

Potential Interfering Stations Included in above Scenario 2

32A MA BOSTON	BLCDDT	20040723ACG	LIC
33A NH CONCORD	BLCDDT	20031014AEP	LIC
33A NY NEW YORK	BMPCDDT	20080619AAZ	CP
34A NY SCHENECTADY	BLEDDT	20040108ALV	LIC

After Analysis

Results for: 33A CT HARTFORD BLCDDT 20041029AIL LIC
HAAT 289.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	4586740	27327.5
not affected by terrain losses	4227503	24783.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	831337	4627.3
lost to ATV IX only	831337	4627.3
lost to all IX	831337	4627.3

Potential Interfering Stations Included in above Scenario 2

32A MA BOSTON	BLCDDT	20040723ACG	LIC
33A NH CONCORD	BLCDDT	20031014AEP	LIC
33A NY NEW YORK	BMPCDDT	20080619AAZ	CP
34A NY SCHENECTADY	BLEDDT	20040108ALV	LIC
33A NJ WOODBINE	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 7

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
33	WHUT-TV	WASHINGTON DC	BPEDT	-20120627AAD

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
32	WTAJ-TV	ALTOONA PA	214.1	LIC	BLCDDT	-20051018ACE
32	WPSG	PHILADELPHIA PA	199.3	LIC	BLANK	-0000001047
32	WVIR-TV	CHARLOTTESVILLE VA	162.5	LIC	BLCDDT	-20040908AAE
33	WMYV	GREENSBORO NC	419.6	LIC	BLCDDT	-20020430ABD
33	WCBS-TV	NEW YORK NY	331.1	LIC	BLCDDT	-20090612AFN
33	WCBS-TV	NEW YORK NY	326.9	CP MOD	BMPCDDT	-20080619AAZ
33	WTVZ-TV	NORFOLK VA	243.4	LIC	BLCDDT	-20090602ABA
33	WNPB-TV	MORGANTOWN WV	245.1	LIC	BLEDDT	-20121205ACJ
34	WJAC-TV	JOHNSTOWN PA	226.8	LIC	BLCDDT	-20051123AKN
34	WCAU	PHILADELPHIA PA	199.3	LIC	BLCDDT	-20090914AAX
34	WPXW-TV	MANASSAS VA	0.0	LIC	BLCDDT	-20090612AIZ
33	CAPEMAY	WOODBINE NJ	209.2	APP	USERRECORD-01	

Total scenarios = 2

Result key: 7
Scenario 1 Affected station 7
Before Analysis

Results for: 33A DC WASHINGTON BPEDT 20120627AAD CP
HAAT 254.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	7359495	26416.9
not affected by terrain losses	7315370	25472.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	17518	349.9
lost to ATV IX only	17518	349.9
lost to all IX	17518	349.9

Potential Interfering Stations Included in above Scenario 1

33A NY NEW YORK	BLCDDT	20090612AFN	LIC
33A VA NORFOLK	BLCDDT	20090602ABA	LIC
33A WV MORGANTOWN	BLEDDT	20121205ACJ	LIC

After Analysis

Results for: 33A DC WASHINGTON BPEDT 20120627AAD CP
HAAT 254.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	7359495	26416.9
not affected by terrain losses	7315370	25472.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	17520	352.9
lost to ATV IX only	17520	352.9
lost to all IX	17520	352.9

Potential Interfering Stations Included in above Scenario 1

33A NY NEW YORK	BLCDDT	20090612AFN	LIC
33A VA NORFOLK	BLCDDT	20090602ABA	LIC
33A WV MORGANTOWN	BLEDDT	20121205ACJ	LIC
33A NJ WOODBINE	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 8
Scenario 2 Affected station 7
Before Analysis

Results for: 33A DC WASHINGTON BPEDT 20120627AAD CP
HAAT 254.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	7359495	26416.9
not affected by terrain losses	7315370	25472.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	17485	352.9

lost to ATV IX only	17485	352.9
lost to all IX	17485	352.9

Potential Interfering Stations Included in above Scenario 2

33A NY NEW YORK	BMPCDT	20080619AAZ	CP
33A VA NORFOLK	BLCDT	20090602ABA	LIC
33A WV MORGANTOWN	BLEDT	20121205ACJ	LIC

After Analysis

Results for: 33A DC WASHINGTON BPEDT 20120627AAD CP
HAAT 254.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	7359495	26416.9
not affected by terrain losses	7315370	25472.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	17882	356.9
lost to ATV IX only	17882	356.9
lost to all IX	17882	356.9

Potential Interfering Stations Included in above Scenario 2

33A NY NEW YORK	BMPCDT	20080619AAZ	CP
33A VA NORFOLK	BLCDT	20090602ABA	LIC
33A WV MORGANTOWN	BLEDT	20121205ACJ	LIC
33A NJ WOODBINE	USERRECORD01		APP

Percent new IX = 0.0054%

Worst case new IX 0.0054% Scenario 2

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Analysis of Interference to Affected Station 8

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
33	WHUT-TV	WASHINGTON DC	BLEDT	-20071018AIJ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
32	WTAJ-TV	ALTOONA PA	214.1	LIC	BLCDT	-20051018ACE
32	WPSG	PHILADELPHIA PA	199.3	LIC	BLANK	-0000001047
32	WVIR-TV	CHARLOTTESVILLE VA	162.5	LIC	BLCDT	-20040908AAE
33	WMYV	GREENSBORO NC	419.6	LIC	BLCDT	-20020430ABD
33	WCBS-TV	NEW YORK NY	331.1	LIC	BLCDT	-20090612AFN
33	WCBS-TV	NEW YORK NY	326.9	CP MOD	BMPCDT	-20080619AAZ
33	WTVZ-TV	NORFOLK VA	243.4	LIC	BLCDT	-20090602ABA
33	WNPB-TV	MORGANTOWN WV	245.1	LIC	BLEDT	-20121205ACJ
34	WJAC-TV	JOHNSTOWN PA	226.8	LIC	BLCDT	-20051123AKN
34	WCAU	PHILADELPHIA PA	199.3	LIC	BLCDT	-20090914AAX
34	WPXW-TV	MANASSAS VA	0.0	LIC	BLCDT	-20090612AIZ

33 CAPEMAY WOODBINE NJ 209.2 APP USERRECORD-01

Total scenarios = 2

Result key: 9
Scenario 1 Affected station 8
Before Analysis

Results for: 33A DC WASHINGTON BLEDT 20071018AIJ LIC
HAAT 254.0 m, ATV ERP 100.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	6812263	17917.1
not affected by terrain losses	6789537	17603.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	10157	115.6
lost to ATV IX only	10157	115.6
lost to all IX	10157	115.6

Potential Interfering Stations Included in above Scenario 1

33A NY NEW YORK	BLCDT	20090612AFN	LIC
33A VA NORFOLK	BLCDT	20090602ABA	LIC
33A WV MORGANTOWN	BLEDT	20121205ACJ	LIC

After Analysis

Results for: 33A DC WASHINGTON BLEDT 20071018AIJ LIC
HAAT 254.0 m, ATV ERP 100.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	6812263	17917.1
not affected by terrain losses	6789537	17603.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	10157	116.6
lost to ATV IX only	10157	116.6
lost to all IX	10157	116.6

Potential Interfering Stations Included in above Scenario 1

33A NY NEW YORK	BLCDT	20090612AFN	LIC
33A VA NORFOLK	BLCDT	20090602ABA	LIC
33A WV MORGANTOWN	BLEDT	20121205ACJ	LIC
33A NJ WOODBINE	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 10
Scenario 2 Affected station 8
Before Analysis

Results for: 33A DC WASHINGTON BLEDT 20071018AIJ LIC
HAAT 254.0 m, ATV ERP 100.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	6812263	17917.1
not affected by terrain losses	6789537	17603.2
lost to NTSC IX	0	0.0

lost to additional IX by ATV	10374	118.6
lost to ATV IX only	10374	118.6
lost to all IX	10374	118.6

Potential Interfering Stations Included in above Scenario 2

33A NY NEW YORK	BMPCDT	20080619AAZ	CP
33A VA NORFOLK	BLCDDT	20090602ABA	LIC
33A WV MORGANTOWN	BLEDT	20121205ACJ	LIC

After Analysis

Results for: 33A DC WASHINGTON BLEDT 20071018AIJ LIC

HAAT 254.0 m, ATV ERP 100.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	6812263	17917.1
not affected by terrain losses	6789537	17603.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	10374	119.6
lost to ATV IX only	10374	119.6
lost to all IX	10374	119.6

Potential Interfering Stations Included in above Scenario 2

33A NY NEW YORK	BMPCDT	20080619AAZ	CP
33A VA NORFOLK	BLCDDT	20090602ABA	LIC
33A WV MORGANTOWN	BLEDT	20121205ACJ	LIC
33A NJ WOODBINE	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 9

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
33	W33DP-D	REHOBOTH DE	BLANK	-0000018533

(NOTE: AFFECTED STATION IS THE STATION BEING MODIFIED BY THIS PROPOSAL. THE STUDIES TO THIS AFFECTED STATION ARE, THEREFORE, REMOVED.)

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Analysis of Interference to Affected Station 10

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
33	W33DP-D	REHOBOTH DE	BNPDTL	-20100817AAR

(NOTE: AFFECTED STATION IS THE STATION BEING MODIFIED BY THIS PROPOSAL. THE STUDIES TO THIS AFFECTED STATION ARE, THEREFORE, REMOVED.)

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Analysis of Interference to Affected Station 11

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
33	WCBS-TV	NEW YORK NY	BLCDT	-20090612AFN

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
32	WPSG	PHILADELPHIA PA	131.8	LIC	BLANK	-0000001047
32	WQPX-TV	SCRANTON PA	164.5	LIC	BLCDT	-20060629AFR
33	WFSB	HARTFORD CT	150.8	LIC	BLCDT	-20041029AIL
33	WHUT-TV	WASHINGTON DC	331.1	CP	BPEDT	-20120627AAD
33	WHUT-TV	WASHINGTON DC	331.1	LIC	BLEDT	-20071018AIJ
33	WPXG-TV	CONCORD NH	349.1	LIC	BLCDT	-20031014AEP
34	WIVT	BINGHAMTON NY	218.9	LIC	BLCDT	-20090819AGR
34	WMHT	SCHENECTADY NY	208.6	LIC	BLEDT	-20040108ALV
34	WCAU	PHILADELPHIA PA	131.8	LIC	BLCDT	-20090914AAX
33	CAPEMAY	WOODBINE NJ	178.9	APP	USERRECORD-01	

Total scenarios = 2

Result key: 13
Scenario 1 Affected station 11
Before Analysis

Results for: 33A NY NEW YORK BLCDT 20090612AFN LIC
HAAT 397.0 m, ATV ERP 284.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	19830613	28674.5
not affected by terrain losses	19521034	26917.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	753997	2944.7
lost to ATV IX only	753997	2944.7
lost to all IX	753997	2944.7

Potential Interfering Stations Included in above Scenario 1

32A PA PHILADELPHIA	BLANK	0000001047	LIC
33A CT HARTFORD	BLCDT	20041029AIL	LIC
33A DC WASHINGTON	BPEDT	20120627AAD	CP
33A NH CONCORD	BLCDT	20031014AEP	LIC
34A PA PHILADELPHIA	BLCDT	20090914AAX	LIC

After Analysis

Results for: 33A NY NEW YORK BLCDT 20090612AFN LIC

HAAT 397.0 m, ATV ERP 284.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	19830613	28674.5
not affected by terrain losses	19521034	26917.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	754250	2949.6
lost to ATV IX only	754250	2949.6
lost to all IX	754250	2949.6

Potential Interfering Stations Included in above Scenario 1

32A PA PHILADELPHIA	BLANK	0000001047	LIC
33A CT HARTFORD	BLCDDT	20041029AIL	LIC
33A DC WASHINGTON	BPEDT	20120627AAD	CP
33A NH CONCORD	BLCDDT	20031014AEP	LIC
34A PA PHILADELPHIA	BLCDDT	20090914AAX	LIC
33A NJ WOODBINE	USERRECORD01		APP

Percent new IX = 0.0013%

Result key: 14
Scenario 2 Affected station 11
Before Analysis

Results for: 33A NY NEW YORK BLCDDT 20090612AFN LIC
HAAT 397.0 m, ATV ERP 284.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	19830613	28674.5
not affected by terrain losses	19521034	26917.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	752898	2939.7
lost to ATV IX only	752898	2939.7
lost to all IX	752898	2939.7

Potential Interfering Stations Included in above Scenario 2

32A PA PHILADELPHIA	BLANK	0000001047	LIC
33A CT HARTFORD	BLCDDT	20041029AIL	LIC
33A DC WASHINGTON	BLEDDT	20071018AIJ	LIC
33A NH CONCORD	BLCDDT	20031014AEP	LIC
34A PA PHILADELPHIA	BLCDDT	20090914AAX	LIC

After Analysis

Results for: 33A NY NEW YORK BLCDDT 20090612AFN LIC
HAAT 397.0 m, ATV ERP 284.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	19830613	28674.5
not affected by terrain losses	19521034	26917.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	753858	2945.7
lost to ATV IX only	753858	2945.7
lost to all IX	753858	2945.7

Potential Interfering Stations Included in above Scenario 2

32A PA PHILADELPHIA	BLANK	0000001047	LIC
33A CT HARTFORD	BLCDDT	20041029AIL	LIC
33A DC WASHINGTON	BLEDIT	20071018AIJ	LIC
33A NH CONCORD	BLCDDT	20031014AEP	LIC
34A PA PHILADELPHIA	BLCDDT	20090914AAX	LIC
33A NJ WOODBINE	USERRECORD01		APP

Percent new IX = 0.0051%

Worst case new IX 0.0051% Scenario 2

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Analysis of Interference to Affected Station 12

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
33	WCBS-TV	NEW YORK NY	BMPCDDT	-20080619AAZ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
32	WPSG	PHILADELPHIA PA	127.6	LIC	BLANK	-0000001047
32	WQPX-TV	SCRANTON PA	164.4	LIC	BLCDDT	-20060629AFR
33	WFSB	HARTFORD CT	155.3	LIC	BLCDDT	-20041029AIL
33	WHUT-TV	WASHINGTON DC	326.9	CP	BPEDT	-20120627AAD
33	WHUT-TV	WASHINGTON DC	326.9	LIC	BLEDIT	-20071018AIJ
33	WPXG-TV	CONCORD NH	353.6	LIC	BLCDDT	-20031014AEP
34	WIVT	BINGHAMTON NY	219.9	LIC	BLCDDT	-20090819AGR
34	WMHT	SCHENECTADY NY	212.6	LIC	BLEDIT	-20040108ALV
34	WCAU	PHILADELPHIA PA	127.6	LIC	BLCDDT	-20090914AAX
33	CAPEMAY	WOODBINE NJ	174.4	APP	USERRECORD-01	

Total scenarios = 2

Result key: 15
 Scenario 1 Affected station 12
 Before Analysis

Results for: 33A NY NEW YORK BMPCDDT 20080619AAZ CP
 HAAT 519.0 m, ATV ERP 385.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	21011413	36489.0
not affected by terrain losses	20554193	34358.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	958747	4008.0
lost to ATV IX only	958747	4008.0
lost to all IX	958747	4008.0

Potential Interfering Stations Included in above Scenario 1

32A PA PHILADELPHIA	BLANK	0000001047	LIC
33A CT HARTFORD	BLCDDT	20041029AIL	LIC

33A DC WASHINGTON	BPEDT	20120627AAD	CP
33A NH CONCORD	BLCDDT	20031014AEP	LIC
34A PA PHILADELPHIA	BLCDDT	20090914AAX	LIC

After Analysis

Results for: 33A NY NEW YORK BMPCDDT 20080619AAZ CP

HAAT 519.0 m, ATV ERP 385.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	21011413	36489.0
not affected by terrain losses	20554193	34358.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	960265	4039.9
lost to ATV IX only	960265	4039.9
lost to all IX	960265	4039.9

Potential Interfering Stations Included in above Scenario 1

32A PA PHILADELPHIA	BLANK	0000001047	LIC
33A CT HARTFORD	BLCDDT	20041029AIL	LIC
33A DC WASHINGTON	BPEDT	20120627AAD	CP
33A NH CONCORD	BLCDDT	20031014AEP	LIC
34A PA PHILADELPHIA	BLCDDT	20090914AAX	LIC
33A NJ WOODBINE	USERRECORD01		APP

Percent new IX = 0.0077%

Result key: 16
 Scenario 2 Affected station 12
 Before Analysis

Results for: 33A NY NEW YORK BMPCDDT 20080619AAZ CP

HAAT 519.0 m, ATV ERP 385.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	21011413	36489.0
not affected by terrain losses	20554193	34358.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	958048	3995.1
lost to ATV IX only	958048	3995.1
lost to all IX	958048	3995.1

Potential Interfering Stations Included in above Scenario 2

32A PA PHILADELPHIA	BLANK	0000001047	LIC
33A CT HARTFORD	BLCDDT	20041029AIL	LIC
33A DC WASHINGTON	BLEDT	20071018AIJ	LIC
33A NH CONCORD	BLCDDT	20031014AEP	LIC
34A PA PHILADELPHIA	BLCDDT	20090914AAX	LIC

After Analysis

Results for: 33A NY NEW YORK BMPCDDT 20080619AAZ CP

HAAT 519.0 m, ATV ERP 385.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	21011413	36489.0
not affected by terrain losses	20554193	34358.2

lost to NTSC IX	0	0.0
lost to additional IX by ATV	959566	4026.9
lost to ATV IX only	959566	4026.9
lost to all IX	959566	4026.9

Potential Interfering Stations Included in above Scenario 2

32A PA PHILADELPHIA	BLANK	0000001047	LIC
33A CT HARTFORD	BLCDDT	20041029AIL	LIC
33A DC WASHINGTON	BLEDT	20071018AIJ	LIC
33A NH CONCORD	BLCDDT	20031014AEP	LIC
34A PA PHILADELPHIA	BLCDDT	20090914AAX	LIC
33A NJ WOODBINE	USERRECORD01		APP

Percent new IX = 0.0077%

Worst case new IX 0.0077% 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	W33CR-D	CHAMBERSBURG PA	BLDDT	-20100503ACB

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
32	WTAJ-TV	ALTOONA PA	82.2	LIC	BLCDDT	-20051018ACE
33	WHUT-TV	WASHINGTON DC	135.0	CP	BPEDT	-20120627AAD
33	WHUT-TV	WASHINGTON DC	135.0	LIC	BLEDT	-20071018AIJ
33	WGRZ	BUFFALO NY	304.3	LIC	BLCDDT	-20050705AAG
33	WCBS-TV	NEW YORK NY	327.8	LIC	BLCDDT	-20090612AFN
33	WCBS-TV	NEW YORK NY	324.7	CP MOD	BMPCDDT	-20080619AAZ
33	W33DZ-D	WILLIAMSPORT PA	142.6	CP	BDCCDDT	-20130103ACT
33	WTVZ-TV	NORFOLK VA	376.2	LIC	BLCDDT	-20090602ABA
33	WNPB-TV	MORGANTOWN WV	176.3	LIC	BLEDT	-20121205ACJ
34	WJAC-TV	JOHNSTOWN PA	110.7	LIC	BLCDDT	-20051123AKN
33	CAPEMAY	WOODBINE NJ	277.9	APP	USERRECORD-01	

Total scenarios = 4

Result key: 17
Scenario 1 Affected station 13
Before Analysis

Results for: 33A PA CHAMBERSBURG BLDTT 20100503ACB LIC

HAAT 527.0 m, ATV ERP 5.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	474480	9435.3
not affected by terrain losses	383943	6909.9
lost to NTSC IX	0	0.0

lost to additional IX by ATV	11457	469.0
lost to ATV IX only	11457	469.0
lost to all IX	11457	469.0

Potential Interfering Stations Included in above Scenario 1

32A PA ALTOONA	BLCDDT	20051018ACE	LIC
33A DC WASHINGTON	BPEDT	20120627AAD	CP
33A NY BUFFALO	BLCDDT	20050705AAG	LIC
33A NY NEW YORK	BLCDDT	20090612AFN	LIC
33A PA WILLIAMSPORT	BDCCDDT	20130103ACT	CP
33A WV MORGANTOWN	BLEDT	20121205ACJ	LIC

After Analysis

Results for: 33A PA CHAMBERSBURG BLDTT 20100503ACB LIC
 HAAT 527.0 m, ATV ERP 5.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	474480	9435.3
not affected by terrain losses	383943	6909.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	11457	469.0
lost to ATV IX only	11457	469.0
lost to all IX	11457	469.0

Potential Interfering Stations Included in above Scenario 1

32A PA ALTOONA	BLCDDT	20051018ACE	LIC
33A DC WASHINGTON	BPEDT	20120627AAD	CP
33A NY BUFFALO	BLCDDT	20050705AAG	LIC
33A NY NEW YORK	BLCDDT	20090612AFN	LIC
33A PA WILLIAMSPORT	BDCCDDT	20130103ACT	CP
33A WV MORGANTOWN	BLEDT	20121205ACJ	LIC
33A NJ WOODBINE	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 18
 Scenario 2 Affected station 13
 Before Analysis

Results for: 33A PA CHAMBERSBURG BLDTT 20100503ACB LIC
 HAAT 527.0 m, ATV ERP 5.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	474480	9435.3
not affected by terrain losses	383943	6909.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	11457	470.9
lost to ATV IX only	11457	470.9
lost to all IX	11457	470.9

Potential Interfering Stations Included in above Scenario 2

32A PA ALTOONA	BLCDDT	20051018ACE	LIC
33A DC WASHINGTON	BPEDT	20120627AAD	CP
33A NY BUFFALO	BLCDDT	20050705AAG	LIC

33A NY NEW YORK	BMPCDT	20080619AAZ	CP
33A PA WILLIAMSPORT	BDCCDTT	20130103ACT	CP
33A WV MORGANTOWN	BLEDT	20121205ACJ	LIC

After Analysis

Results for: 33A PA CHAMBERSBURG BLDTT 20100503ACB LIC
 HAAT 527.0 m, ATV ERP 5.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	474480	9435.3
not affected by terrain losses	383943	6909.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	11457	470.9
lost to ATV IX only	11457	470.9
lost to all IX	11457	470.9

Potential Interfering Stations Included in above Scenario 2

32A PA ALTOONA	BLCDDT	20051018ACE	LIC
33A DC WASHINGTON	BPEDT	20120627AAD	CP
33A NY BUFFALO	BLCDDT	20050705AAG	LIC
33A NY NEW YORK	BMPCDT	20080619AAZ	CP
33A PA WILLIAMSPORT	BDCCDTT	20130103ACT	CP
33A WV MORGANTOWN	BLEDT	20121205ACJ	LIC
33A NJ WOODBINE	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 19
 Scenario 3 Affected station 13
 Before Analysis

Results for: 33A PA CHAMBERSBURG BLDTT 20100503ACB LIC
 HAAT 527.0 m, ATV ERP 5.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	474480	9435.3
not affected by terrain losses	383943	6909.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	6279	264.9
lost to ATV IX only	6279	264.9
lost to all IX	6279	264.9

Potential Interfering Stations Included in above Scenario 3

32A PA ALTOONA	BLCDDT	20051018ACE	LIC
33A DC WASHINGTON	BLEDT	20071018AIJ	LIC
33A NY BUFFALO	BLCDDT	20050705AAG	LIC
33A NY NEW YORK	BLCDDT	20090612AFN	LIC
33A PA WILLIAMSPORT	BDCCDTT	20130103ACT	CP
33A WV MORGANTOWN	BLEDT	20121205ACJ	LIC

After Analysis

Results for: 33A PA CHAMBERSBURG BLDTT 20100503ACB LIC
 HAAT 527.0 m, ATV ERP 5.0 kW

	POPULATION	AREA (sq km)
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within Noise Limited Contour	474480	9435.3
not affected by terrain losses	383943	6909.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	6279	264.9
lost to ATV IX only	6279	264.9
lost to all IX	6279	264.9

Potential Interfering Stations Included in above Scenario 3

32A PA ALTOONA	BLCDDT	20051018ACE	LIC
33A DC WASHINGTON	BLEDDT	20071018AIJ	LIC
33A NY BUFFALO	BLCDDT	20050705AAG	LIC
33A NY NEW YORK	BLCDDT	20090612AFN	LIC
33A PA WILLIAMSPORT	BDCCDDT	20130103ACT	CP
33A WV MORGANTOWN	BLEDDT	20121205ACJ	LIC
33A NJ WOODBINE	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 20
 Scenario 4 Affected station 13
 Before Analysis

Results for: 33A PA CHAMBERSBURG BLDTT 20100503ACB LIC
 HAAT 527.0 m, ATV ERP 5.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	474480	9435.3
not affected by terrain losses	383943	6909.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	6289	269.8
lost to ATV IX only	6289	269.8
lost to all IX	6289	269.8

Potential Interfering Stations Included in above Scenario 4

32A PA ALTOONA	BLCDDT	20051018ACE	LIC
33A DC WASHINGTON	BLEDDT	20071018AIJ	LIC
33A NY BUFFALO	BLCDDT	20050705AAG	LIC
33A NY NEW YORK	BMPCDDT	20080619AAZ	CP
33A PA WILLIAMSPORT	BDCCDDT	20130103ACT	CP
33A WV MORGANTOWN	BLEDDT	20121205ACJ	LIC

After Analysis

Results for: 33A PA CHAMBERSBURG BLDTT 20100503ACB LIC
 HAAT 527.0 m, ATV ERP 5.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	474480	9435.3
not affected by terrain losses	383943	6909.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	6289	269.8
lost to ATV IX only	6289	269.8
lost to all IX	6289	269.8

Potential Interfering Stations Included in above Scenario 4

32A PA ALTOONA	BLCDT	20051018ACE	LIC
33A DC WASHINGTON	BLEDT	20071018AIJ	LIC
33A NY BUFFALO	BLCDT	20050705AAG	LIC
33A NY NEW YORK	BMPCDT	20080619AAZ	CP
33A PA WILLIAMSPORT	BDCCDTT	20130103ACT	CP
33A WV MORGANTOWN	BLEDT	20121205ACJ	LIC
33A NJ WOODBINE	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 14

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
33	WZPA-LD	PHILADELPHIA PA	BDFCDTL	-20100915ABB

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
32	WPSG	PHILADELPHIA PA	0.1	LIC	BLANK	-0000001047
33	WFSB	HARTFORD CT	280.8	LIC	BLCDT	-20041029AIL
33	WHUT-TV	WASHINGTON DC	199.2	CP	BPEDT	-20120627AAD
33	WHUT-TV	WASHINGTON DC	199.2	LIC	BLEDT	-20071018AIJ
33	W33DP-D	REHOBOTH DE	142.9	CP	BNPDTL	-20100817AAR
33	WCBS-TV	NEW YORK NY	131.9	LIC	BLCDT	-20090612AFN
33	WCBS-TV	NEW YORK NY	127.7	CP MOD	BMPCDT	-20080619AAZ
33	W33CR-D	CHAMBERSBURG PA	213.7	LIC	BLDTT	-20100503ACB
33	W33DZ-D	WILLIAMSPORT PA	194.7	CP	BDCCDTT	-20130103ACT
33	WTVZ-TV	NORFOLK VA	375.8	LIC	BLCDT	-20090602ABA
33	WNPB-TV	MORGANTOWN WV	388.0	LIC	BLEDT	-20121205ACJ
34	WCAU	PHILADELPHIA PA	0.1	LIC	BLCDT	-20090914AAX
33	CAPEMAY	WOODBINE NJ	101.9	APP	USERRECORD-01	

Total scenarios = 4

Result key: 21
 Scenario 1 Affected station 14
 Before Analysis

Results for: 33A PA PHILADELPHIA BDFCDTL 20100915ABB CP

HAAT 223.0 m, ATV ERP 3.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3728745	3695.5
not affected by terrain losses	3728745	3695.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1963843	2451.9
lost to ATV IX only	1963843	2451.9
lost to all IX	1963843	2451.9

Potential Interfering Stations Included in above Scenario 1

32A PA PHILADELPHIA	BLANK	0000001047	LIC
33A CT HARTFORD	BLCDDT	20041029AIL	LIC
33A DC WASHINGTON	BPEDT	20120627AAD	CP
33A DE REHOBOTH	BNPDTL	20100817AAR	CP
33A NY NEW YORK	BLCDDT	20090612AFN	LIC
34A PA PHILADELPHIA	BLCDDT	20090914AAX	LIC

After Analysis

Results for: 33A PA PHILADELPHIA BDFCDTL 20100915ABB CP
 HAAT 223.0 m, ATV ERP 3.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3728745	3695.5
not affected by terrain losses	3728745	3695.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1963843	2451.9
lost to ATV IX only	1963843	2451.9
lost to all IX	1963843	2451.9

Potential Interfering Stations Included in above Scenario 1

32A PA PHILADELPHIA	BLANK	0000001047	LIC
33A CT HARTFORD	BLCDDT	20041029AIL	LIC
33A DC WASHINGTON	BPEDT	20120627AAD	CP
33A DE REHOBOTH	BNPDTL	20100817AAR	CP
33A NY NEW YORK	BLCDDT	20090612AFN	LIC
34A PA PHILADELPHIA	BLCDDT	20090914AAX	LIC
33A NJ WOODBINE	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 22
 Scenario 2 Affected station 14
 Before Analysis

Results for: 33A PA PHILADELPHIA BDFCDTL 20100915ABB CP
 HAAT 223.0 m, ATV ERP 3.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3728745	3695.5
not affected by terrain losses	3728745	3695.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1963808	2450.9
lost to ATV IX only	1963808	2450.9
lost to all IX	1963808	2450.9

Potential Interfering Stations Included in above Scenario 2

32A PA PHILADELPHIA	BLANK	0000001047	LIC
33A CT HARTFORD	BLCDDT	20041029AIL	LIC
33A DC WASHINGTON	BPEDT	20120627AAD	CP
33A DE REHOBOTH	BNPDTL	20100817AAR	CP
33A NY NEW YORK	BMPCDDT	20080619AAZ	CP
34A PA PHILADELPHIA	BLCDDT	20090914AAX	LIC

After Analysis

Results for: 33A PA PHILADELPHIA BDFCDTL 20100915ABB CP
 HAAT 223.0 m, ATV ERP 3.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3728745	3695.5
not affected by terrain losses	3728745	3695.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1963808	2450.9
lost to ATV IX only	1963808	2450.9
lost to all IX	1963808	2450.9

Potential Interfering Stations Included in above Scenario 2

32A PA PHILADELPHIA	BLANK	0000001047	LIC
33A CT HARTFORD	BLCDDT	20041029AIL	LIC
33A DC WASHINGTON	BPEDT	20120627AAD	CP
33A DE REHOBOTH	BNPDTL	20100817AAR	CP
33A NY NEW YORK	BMPCDDT	20080619AAZ	CP
34A PA PHILADELPHIA	BLCDDT	20090914AAX	LIC
33A NJ WOODBINE	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 23
 Scenario 3 Affected station 14
 Before Analysis

Results for: 33A PA PHILADELPHIA BDFCDTL 20100915ABB CP
 HAAT 223.0 m, ATV ERP 3.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3728745	3695.5
not affected by terrain losses	3728745	3695.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1962838	2449.9
lost to ATV IX only	1962838	2449.9
lost to all IX	1962838	2449.9

Potential Interfering Stations Included in above Scenario 3

32A PA PHILADELPHIA	BLANK	0000001047	LIC
33A CT HARTFORD	BLCDDT	20041029AIL	LIC
33A DC WASHINGTON	BLEDT	20071018AIJ	LIC
33A DE REHOBOTH	BNPDTL	20100817AAR	CP
33A NY NEW YORK	BLCDDT	20090612AFN	LIC
34A PA PHILADELPHIA	BLCDDT	20090914AAX	LIC

After Analysis

Results for: 33A PA PHILADELPHIA BDFCDTL 20100915ABB CP
 HAAT 223.0 m, ATV ERP 3.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3728745	3695.5
not affected by terrain losses	3728745	3695.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1963789	2450.9

lost to ATV IX only	1963789	2450.9
lost to all IX	1963789	2450.9

Potential Interfering Stations Included in above Scenario 3

32A PA PHILADELPHIA	BLANK	0000001047	LIC
33A CT HARTFORD	BLC DT	20041029AIL	LIC
33A DC WASHINGTON	BLED T	20071018AIJ	LIC
33A DE REHOBOTH	BNPDTL	20100817AAR	CP
33A NY NEW YORK	BLC DT	20090612AFN	LIC
34A PA PHILADELPHIA	BLC DT	20090914AAX	LIC
33A NJ WOODBINE	USERRECORD01		APP

Percent new IX = 0.0539%

Result key: 24
 Scenario 4 Affected station 14
 Before Analysis

Results for: 33A PA PHILADELPHIA BDFC DT L 20100915ABB CP
 HAAT 223.0 m, ATV ERP 3.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3728745	3695.5
not affected by terrain losses	3728745	3695.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1962857	2449.9
lost to ATV IX only	1962857	2449.9
lost to all IX	1962857	2449.9

Potential Interfering Stations Included in above Scenario 4

32A PA PHILADELPHIA	BLANK	0000001047	LIC
33A CT HARTFORD	BLC DT	20041029AIL	LIC
33A DC WASHINGTON	BLED T	20071018AIJ	LIC
33A DE REHOBOTH	BNPDTL	20100817AAR	CP
33A NY NEW YORK	BMPC DT	20080619AAZ	CP
34A PA PHILADELPHIA	BLC DT	20090914AAX	LIC

After Analysis

Results for: 33A PA PHILADELPHIA BDFC DT L 20100915ABB CP
 HAAT 223.0 m, ATV ERP 3.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3728745	3695.5
not affected by terrain losses	3728745	3695.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1963808	2450.9
lost to ATV IX only	1963808	2450.9
lost to all IX	1963808	2450.9

Potential Interfering Stations Included in above Scenario 4

32A PA PHILADELPHIA	BLANK	0000001047	LIC
33A CT HARTFORD	BLC DT	20041029AIL	LIC
33A DC WASHINGTON	BLED T	20071018AIJ	LIC
33A DE REHOBOTH	BNPDTL	20100817AAR	CP

33A NY NEW YORK	BMPCDT	20080619AAZ	CP
34A PA PHILADELPHIA	BLCDDT	20090914AAX	LIC
33A NJ WOODBINE	USERRECORD01		APP

Percent new IX = 0.0539%

Worst case new IX 0.0539% Scenario 4

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Analysis of Interference to Affected Station 15

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
33	WZPA-LD	PHILADELPHIA PA	BLDTL	-20120615AAK

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
32	WPSG	PHILADELPHIA PA	0.1	LIC	BLANK	-0000001047
33	WFSB	HARTFORD CT	280.8	LIC	BLCDDT	-20041029AIL
33	WHUT-TV	WASHINGTON DC	199.2	CP	BPEDT	-20120627AAD
33	WHUT-TV	WASHINGTON DC	199.2	LIC	BLEDT	-20071018AIJ
33	W33DP-D	REHOBOTH DE	142.9	CP	BNPDTL	-20100817AAR
33	WCBS-TV	NEW YORK NY	131.9	LIC	BLCDDT	-20090612AFN
33	WCBS-TV	NEW YORK NY	127.7	CP MOD	BMPCDT	-20080619AAZ
33	W33CR-D	CHAMBERSBURG PA	213.7	LIC	BLDTT	-20100503ACB
33	W33DZ-D	WILLIAMSPORT PA	194.7	CP	BDCCDTT	-20130103ACT
33	WTVZ-TV	NORFOLK VA	375.8	LIC	BLCDDT	-20090602ABA
33	WNPB-TV	MORGANTOWN WV	388.0	LIC	BLEDT	-20121205ACJ
34	WCAU	PHILADELPHIA PA	0.1	LIC	BLCDDT	-20090914AAX
33	CAPEMAY	WOODBINE NJ	101.9	APP	USERRECORD-01	

Total scenarios = 4

Result key: 25
Scenario 1 Affected station 15
Before Analysis

Results for: 33A PA PHILADELPHIA BLDLTL 20120615AAK LIC
HAAT 223.0 m, ATV ERP 3.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3709065	3666.1
not affected by terrain losses	3709065	3666.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1948377	2428.3
lost to ATV IX only	1948377	2428.3
lost to all IX	1948377	2428.3

Potential Interfering Stations Included in above Scenario 1

32A PA PHILADELPHIA	BLANK	0000001047	LIC
33A CT HARTFORD	BLCDDT	20041029AIL	LIC

33A DC WASHINGTON	BPEDT	20120627AAD	CP
33A NY NEW YORK	BLCDD	20090612AFN	LIC
34A PA PHILADELPHIA	BLCDD	20090914AAX	LIC

After Analysis

Results for: 33A PA PHILADELPHIA BLDL 20120615AAK LIC

HAAT 223.0 m, ATV ERP 3.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3709065	3666.1
not affected by terrain losses	3709065	3666.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1948377	2429.3
lost to ATV IX only	1948377	2429.3
lost to all IX	1948377	2429.3

Potential Interfering Stations Included in above Scenario 1

32A PA PHILADELPHIA	BLANK	0000001047	LIC
33A CT HARTFORD	BLCDD	20041029AIL	LIC
33A DC WASHINGTON	BPEDT	20120627AAD	CP
33A NY NEW YORK	BLCDD	20090612AFN	LIC
34A PA PHILADELPHIA	BLCDD	20090914AAX	LIC
33A NJ WOODBINE	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 26

Scenario 2 Affected station 15

Before Analysis

Results for: 33A PA PHILADELPHIA BLDL 20120615AAK LIC

HAAT 223.0 m, ATV ERP 3.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3709065	3666.1
not affected by terrain losses	3709065	3666.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1948377	2428.3
lost to ATV IX only	1948377	2428.3
lost to all IX	1948377	2428.3

Potential Interfering Stations Included in above Scenario 2

32A PA PHILADELPHIA	BLANK	0000001047	LIC
33A CT HARTFORD	BLCDD	20041029AIL	LIC
33A DC WASHINGTON	BPEDT	20120627AAD	CP
33A NY NEW YORK	BMPCDD	20080619AAZ	CP
34A PA PHILADELPHIA	BLCDD	20090914AAX	LIC

After Analysis

Results for: 33A PA PHILADELPHIA BLDL 20120615AAK LIC

HAAT 223.0 m, ATV ERP 3.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3709065	3666.1
not affected by terrain losses	3709065	3666.1

lost to NTSC IX	0	0.0
lost to additional IX by ATV	1948377	2429.3
lost to ATV IX only	1948377	2429.3
lost to all IX	1948377	2429.3

Potential Interfering Stations Included in above Scenario 2

32A PA PHILADELPHIA	BLANK	0000001047	LIC
33A CT HARTFORD	BLCDDT	20041029AIL	LIC
33A DC WASHINGTON	BPEDT	20120627AAD	CP
33A NY NEW YORK	BMPCDDT	20080619AAZ	CP
34A PA PHILADELPHIA	BLCDDT	20090914AAX	LIC
33A NJ WOODBINE	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 27
 Scenario 3 Affected station 15
 Before Analysis

Results for: 33A PA PHILADELPHIA BLDLTL 20120615AAK LIC
 HAAT 223.0 m, ATV ERP 3.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3709065	3666.1
not affected by terrain losses	3709065	3666.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1947255	2426.4
lost to ATV IX only	1947255	2426.4
lost to all IX	1947255	2426.4

Potential Interfering Stations Included in above Scenario 3

32A PA PHILADELPHIA	BLANK	0000001047	LIC
33A CT HARTFORD	BLCDDT	20041029AIL	LIC
33A DC WASHINGTON	BLEDT	20071018AIJ	LIC
33A NY NEW YORK	BLCDDT	20090612AFN	LIC
34A PA PHILADELPHIA	BLCDDT	20090914AAX	LIC

After Analysis

Results for: 33A PA PHILADELPHIA BLDLTL 20120615AAK LIC
 HAAT 223.0 m, ATV ERP 3.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3709065	3666.1
not affected by terrain losses	3709065	3666.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1948323	2428.3
lost to ATV IX only	1948323	2428.3
lost to all IX	1948323	2428.3

Potential Interfering Stations Included in above Scenario 3

32A PA PHILADELPHIA	BLANK	0000001047	LIC
33A CT HARTFORD	BLCDDT	20041029AIL	LIC
33A DC WASHINGTON	BLEDT	20071018AIJ	LIC
33A NY NEW YORK	BLCDDT	20090612AFN	LIC

34A PA PHILADELPHIA BLCDT 20090914AAX LIC
33A NJ WOODBINE USERRECORD01 APP

Percent new IX = 0.0606%

Result key: 28
Scenario 4 Affected station 15
Before Analysis

Results for: 33A PA PHILADELPHIA BLDTL 20120615AAK LIC
HAAT 223.0 m, ATV ERP 3.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3709065	3666.1
not affected by terrain losses	3709065	3666.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1947309	2427.4
lost to ATV IX only	1947309	2427.4
lost to all IX	1947309	2427.4

Potential Interfering Stations Included in above Scenario 4

32A PA PHILADELPHIA BLANK 0000001047 LIC
33A CT HARTFORD BLCDT 20041029AIL LIC
33A DC WASHINGTON BLEDT 20071018AIJ LIC
33A NY NEW YORK BMPCDT 20080619AAZ CP
34A PA PHILADELPHIA BLCDT 20090914AAX LIC

After Analysis

Results for: 33A PA PHILADELPHIA BLDTL 20120615AAK LIC
HAAT 223.0 m, ATV ERP 3.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3709065	3666.1
not affected by terrain losses	3709065	3666.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1948377	2429.3
lost to ATV IX only	1948377	2429.3
lost to all IX	1948377	2429.3

Potential Interfering Stations Included in above Scenario 4

32A PA PHILADELPHIA BLANK 0000001047 LIC
33A CT HARTFORD BLCDT 20041029AIL LIC
33A DC WASHINGTON BLEDT 20071018AIJ LIC
33A NY NEW YORK BMPCDT 20080619AAZ CP
34A PA PHILADELPHIA BLCDT 20090914AAX LIC
33A NJ WOODBINE USERRECORD01 APP

Percent new IX = 0.0606%

Worst case new IX 0.0606% Scenario 4

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Analysis of current record

Channel	Call	City/State	Application Ref. No.
33	W33DZ-D	WILLIAMSPORT PA	BDCCDTT -20130103ACT

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
32	WQPX-TV	SCRANTON PA	107.9	LIC	BLCDT -20060629AFR
33	WFSB	HARTFORD CT	353.3	LIC	BLCDT -20041029AIL
33	WHUT-TV	WASHINGTON DC	249.3	CP	BPEDT -20120627AAD
33	WHUT-TV	WASHINGTON DC	249.3	LIC	BLEDT -20071018AIJ
33	WGRZ	BUFFALO NY	214.5	LIC	BLCDT -20050705AAG
33	WCBS-TV	NEW YORK NY	255.8	LIC	BLCDT -20090612AFN
33	WCBS-TV	NEW YORK NY	254.4	CP MOD	BMPCDT -20080619AAZ
33	W33CR-D	CHAMBERSBURG PA	142.6	LIC	BLDTT -20100503ACB
33	WZPA-LD	PHILADELPHIA PA	194.7	CP	BDFCDTL -20100915ABB
33	WZPA-LD	PHILADELPHIA PA	194.7	LIC	BLDTL -20120615AAK
33	WNPB-TV	MORGANTOWN WV	288.3	LIC	BLEDT -20121205ACJ
34	WIVT	BINGHAMTON NY	129.3	LIC	BLCDT -20090819AGR
33	CAPEMAY	WOODBINE NJ	292.4	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 17

Analysis of current record

Channel	Call	City/State	Application Ref. No.
33	WTVZ-TV	NORFOLK VA	BLCDT -20090602ABA

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
32	WITN-TV	WASHINGTON NC	179.2	LIC	BLCDT -20060615ABD
32	WVIR-TV	CHARLOTTESVILLE VA	218.1	LIC	BLCDT -20040908AAE
33	WHUT-TV	WASHINGTON DC	243.4	CP	BPEDT -20120627AAD
33	WHUT-TV	WASHINGTON DC	243.4	LIC	BLEDT -20071018AIJ
33	WMYV	GREENSBORO NC	315.1	LIC	BLCDT -20020430ABD
33	WNPB-TV	MORGANTOWN WV	428.8	LIC	BLEDT -20121205ACJ
33	CAPEMAY	WOODBINE NJ	312.8	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 18

Analysis of current record

Channel	Call	City/State	Application Ref. No.
34	WPXO-LD	EAST ORANGE NJ	BLDTL -20090511AYH

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
33	WCBS-TV	NEW YORK NY	0.0	LIC	BLCDT	-20090612AFN
33	WCBS-TV	NEW YORK NY	4.6	CP MOD	BMPCDT	-20080619AAZ
34	WTXX-LD	SPRINGFIELD MA	201.2	CP	BDFCDTL	-20100513ABK
34	WTXX-LD	SPRINGFIELD MA	153.1	LIC	BLANK	-0000013382
34	WNEU	MERRIMACK NH	318.0	LIC	BLCDT	-20021028AAH
34	WWOR-TV	SECAUCUS NJ	24.2	LIC	BLANK	-0000001381
34	WIVT	BINGHAMTON NY	218.9	LIC	BLCDT	-20090819AGR
34	W34DI-D	PORT JERVIS NY	58.8	LIC	BLANK	-0000016498
34	W34DI-D	PORT JERVIS NY	89.7	LIC	BLTTL	-20070223AHK
34	WMHT	SCHENECTADY NY	208.6	LIC	BLEDT	-20040108ALV
34	WCAU	PHILADELPHIA PA	131.8	LIC	BLCDT	-20090914AAX
34	WPXW-TV	MANASSAS VA	331.1	LIC	BLCDT	-20090612AIZ
35	W35DK-D	SUSSEX NJ	63.9	LIC	BLANK	-0000016552
35	WNYX-LD	NEW YORK NY	3.6	LIC	BLDTL	-20090908ACQ
35	WYBE	PHILADELPHIA PA	131.8	LIC	BLEDT	-20091222ARE
33	CAPEMAY	WOODBINE NJ	178.9	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 19

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
34	WWOR-TV	SECAUCUS NJ	BLANK	-0000001381

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
33	WFSB	HARTFORD CT	129.9	LIC	BLCDT	-20041029AIL
33	WCBS-TV	NEW YORK NY	24.2	LIC	BLCDT	-20090612AFN
33	WCBS-TV	NEW YORK NY	28.6	CP MOD	BMPCDT	-20080619AAZ
34	WTXX-LD	SPRINGFIELD MA	180.0	CP	BDFCDTL	-20100513ABK
34	WTXX-LD	SPRINGFIELD MA	132.1	LIC	BLANK	-0000013382
34	WNEU	MERRIMACK NH	296.2	LIC	BLCDT	-20021028AAH
34	WPXO-LD	EAST ORANGE NJ	24.2	LIC	BLDTL	-20090511AYH
34	WIVT	BINGHAMTON NY	207.9	LIC	BLCDT	-20090819AGR
34	W34DI-D	PORT JERVIS NY	56.6	LIC	BLANK	-0000016498
34	W34DI-D	PORT JERVIS NY	77.4	LIC	BLTTL	-20070223AHK
34	WMHT	SCHENECTADY NY	185.1	LIC	BLEDT	-20040108ALV
34	WCAU	PHILADELPHIA PA	150.9	LIC	BLCDT	-20090914AAX
34	WPXW-TV	MANASSAS VA	349.6	LIC	BLCDT	-20090612AIZ
35	WVIT	NEW BRITAIN CT	122.7	LIC	BLCDT	-20041203AEF
35	W35DK-D	SUSSEX NJ	55.4	LIC	BLANK	-0000016552
35	WNYX-LD	NEW YORK NY	23.8	LIC	BLDTL	-20090908ACQ
33	CAPEMAY	WOODBINE NJ	203.0	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 20

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
34	W34DI-D	PORT JERVIS NY	BLANK	-0000016498

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
33	WCBS-TV	NEW YORK NY	58.8	LIC	BLCDT	-20090612AFN
33	WCBS-TV	NEW YORK NY	58.9	CP MOD	BMPCDT	-20080619AAZ
34	WTXX-LD	SPRINGFIELD MA	219.5	CP	BDFCDTL	-20100513ABK
34	WTXX-LD	SPRINGFIELD MA	173.5	LIC	BLANK	-0000013382
34	WNEU	MERRIMACK NH	331.3	LIC	BLCDT	-20021028AAH
34	WPXO-LD	EAST ORANGE NJ	58.8	LIC	BLDTL	-20090511AYH
34	WWOR-TV	SECAUCUS NJ	56.6	LIC	BLANK	-0000001381
34	WIVT	BINGHAMTON NY	162.0	LIC	BLCDT	-20090819AGR
34	WMHT	SCHENECTADY NY	186.0	LIC	BLEDT	-20040108ALV
34	WJAC-TV	JOHNSTOWN PA	376.5	LIC	BLCDT	-20051123AKN
34	WCAU	PHILADELPHIA PA	120.5	LIC	BLCDT	-20090914AAX
34	WPXW-TV	MANASSAS VA	311.8	LIC	BLCDT	-20090612AIZ
35	W35DK-D	SUSSEX NJ	15.6	LIC	BLANK	-0000016552
35	WNYX-LD	NEW YORK NY	62.0	LIC	BLDTL	-20090908ACQ
35	WYBE	PHILADELPHIA PA	120.5	LIC	BLEDT	-20091222ARE
33	CAPEMAY	WOODBINE NJ	198.0	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 21

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
34	WCAU	PHILADELPHIA PA	BLCDT	-20090914AAX

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
33	WHUT-TV	WASHINGTON DC	199.3	CP	BPEDT	-20120627AAD
33	WHUT-TV	WASHINGTON DC	199.3	LIC	BLEDT	-20071018AIJ
33	WCBS-TV	NEW YORK NY	131.8	LIC	BLCDT	-20090612AFN
33	WCBS-TV	NEW YORK NY	127.6	CP MOD	BMPCDT	-20080619AAZ
34	WIVT	BINGHAMTON NY	232.1	LIC	BLCDT	-20090819AGR
34	WMHT	SCHENECTADY NY	304.8	LIC	BLEDT	-20040108ALV
34	WJAC-TV	JOHNSTOWN PA	320.1	LIC	BLCDT	-20051123AKN
34	WPXW-TV	MANASSAS VA	199.3	LIC	BLCDT	-20090612AIZ
35	WDCA	WASHINGTON DC	199.1	APP	BPCDT	-20121105ANF

35	WDCA	WASHINGTON DC	199.1	LIC	BLCDT	-20070411AAH
35	WYBE	PHILADELPHIA PA	0.0	LIC	BLEDT	-20091222ARE
33	CAPEMAY	WOODBINE NJ	102.0	APP	USERRECORD-01	

Total scenarios = 2

Result key: 29
Scenario 1 Affected station 21
Before Analysis

Results for: 34A PA PHILADELPHIA BLCDT 20090914AAX LIC
HAAT 400.0 m, ATV ERP 700.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	10356122	33613.7
not affected by terrain losses	10223685	32559.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	424446	1670.7
lost to ATV IX only	424446	1670.7
lost to all IX	424446	1670.7

Potential Interfering Stations Included in above Scenario 1

33A NY NEW YORK	BLCDT	20090612AFN	LIC
34A NY BINGHAMTON	BLCDT	20090819AGR	LIC
34A NY SCHENECTADY	BLEDT	20040108ALV	LIC
34A PA JOHNSTOWN	BLCDT	20051123AKN	LIC
34A VA MANASSAS	BLCDT	20090612AIZ	LIC

After Analysis

Results for: 34A PA PHILADELPHIA BLCDT 20090914AAX LIC
HAAT 400.0 m, ATV ERP 700.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	10356122	33613.7
not affected by terrain losses	10223685	32559.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	436367	1793.4
lost to ATV IX only	436367	1793.4
lost to all IX	436367	1793.4

Potential Interfering Stations Included in above Scenario 1

33A NY NEW YORK	BLCDT	20090612AFN	LIC
34A NY BINGHAMTON	BLCDT	20090819AGR	LIC
34A NY SCHENECTADY	BLEDT	20040108ALV	LIC
34A PA JOHNSTOWN	BLCDT	20051123AKN	LIC
34A VA MANASSAS	BLCDT	20090612AIZ	LIC
33A NJ WOODBINE	USERRECORD01		APP

Percent new IX = 0.1217%

Result key: 30
Scenario 2 Affected station 21
Before Analysis

Results for: 34A PA PHILADELPHIA BLCDT 20090914AAX LIC
 HAAT 400.0 m, ATV ERP 700.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	10356122	33613.7
not affected by terrain losses	10223685	32559.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	546425	1892.4
lost to ATV IX only	546425	1892.4
lost to all IX	546425	1892.4

Potential Interfering Stations Included in above Scenario 2

33A NY NEW YORK	BMPCDT	20080619AAZ	CP
34A NY BINGHAMTON	BLCDT	20090819AGR	LIC
34A NY SCHENECTADY	BLEDT	20040108ALV	LIC
34A PA JOHNSTOWN	BLCDT	20051123AKN	LIC
34A VA MANASSAS	BLCDT	20090612AIZ	LIC

After Analysis

Results for: 34A PA PHILADELPHIA BLCDT 20090914AAX LIC
 HAAT 400.0 m, ATV ERP 700.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	10356122	33613.7
not affected by terrain losses	10223685	32559.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	558346	2015.1
lost to ATV IX only	558346	2015.1
lost to all IX	558346	2015.1

Potential Interfering Stations Included in above Scenario 2

33A NY NEW YORK	BMPCDT	20080619AAZ	CP
34A NY BINGHAMTON	BLCDT	20090819AGR	LIC
34A NY SCHENECTADY	BLEDT	20040108ALV	LIC
34A PA JOHNSTOWN	BLCDT	20051123AKN	LIC
34A VA MANASSAS	BLCDT	20090612AIZ	LIC
33A NJ WOODBINE	USERRECORD01		APP

Percent new IX = 0.1232%

Worst case new IX 0.1232% Scenario 2

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Analysis of Interference to Affected Station 22

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
41	WDUM-LD	SPRINGVILLE NJ	BLTTL	-20041117ACS

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
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33	WCBS-TV	NEW YORK NY	131.8	LIC	BLCDT	-20090612AFN
33	WCBS-TV	NEW YORK NY	127.6	CP MOD	BMPCDT	-20080619AAZ
34	WCAU	PHILADELPHIA PA	0.0	LIC	BLCDT	-20090914AAX
38	WMAR-TV	BALTIMORE MD	144.3	LIC	BLCDT	-20090619ACA
38	WWOR-TV	SECAUCUS NJ	131.8	LIC	BLCDT	-20080807AAD
39	WLVT-TV	ALLENTOWN PA	60.6	LIC	BLEDT	-20090605ABD
40	WXTV-DT	PATERSON NJ	131.8	LIC	BLCDT	-20050214AGS
41	WEDY	NEW HAVEN CT	242.9	LIC	BLANK	-0000001041
41	WUTB	BALTIMORE MD	155.0	LIC	BLCDT	-20100809CHT
41	WNJJ-LD	PATERSON NJ	120.5	LIC	BLDTL	-20100324ABI
41	W41DO-D	NEW YORK NY	133.9	LIC	BLDTL	-20110224ACL
41	WVIA-TV	SCRANTON PA	137.6	LIC	BLEDT	-20120319AAB
42	WZME	BRIDGEPORT CT	131.8	APP	BPCDT	-20120601ARY
42	WTFX-TV	PHILADELPHIA PA	0.2	LIC	BLCDT	-20120511ADN
43	WNJT	TRENTON NJ	53.9	LIC	BLEDT	-20110427ABE
44	WMCN-TV	ATLANTIC CITY NJ	48.3	LIC	BLCDT	-20060707ACS
44	WNYW	NEW YORK NY	131.8	LIC	BLCDT	-20080618AOC
44	WNYW	NEW YORK NY	131.8	CP	BPCDT	-20110718AAP
45	WOLF-TV	HAZLETON PA	137.6	LIC	BLANK	-0000011051
49	WWSI	ATLANTIC CITY NJ	48.0	LIC	BLCDT	-20131210CEO
33	CAPEMAY	WOODBINE NJ	102.0	APP	USERRECORD-01	
42	WZME	BRIDGEPORT CT		APP	BPCDT	-20120601ARY

Proposed station is beyond the site to
nearest cell evaluation distance

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