

**CALL SIGN AND APPLICATION REFERENCE NUMBER ARE DUMMY VALUES  
STUDY WAS PERFORMED USING 1.0 KM GRID CELLS**

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: 07-29-2015 Time: 11:46:13

Record Selected for Analysis (Record is a DTS)

WSFN-BW BDTS -30000101DTS BALTIMORE MD US  
Channel 43 ERP 800 kW HAAT 319.0 m RCAMSL 402.7 m  
Latitude 39 -20-10 Longitude 76 -38-59  
Status APP Zone 1 Border Site number: 01  
Dir Antenna Make usr Model TFU\_12JSC\_F Beam tilt N Ref Azimuth 0.0  
Last update Cutoff date 40000101 Docket  
Comments  
Applicant

WSFN-BW BDTS -30000101DTS BALTIMORE MD US  
Channel 43 ERP 120 kW HAAT 169.0 m RCAMSL 236.9 m  
Latitude 38 -56-24 Longitude 77 -04-54  
Status APP Zone 1 Border Site number: 02  
Dir Antenna Make usr Model TFU\_12JSC\_F Beam tilt N Ref Azimuth 0.0  
Last update Cutoff date 40000101 Docket  
Comments  
Applicant

Cell Size for Service Analysis 1.0 km/side

Distance Increments for Longley-Rice Analysis 1.00 km

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

Facility (site # 02) meets maximum height/power limits

Site number	1			
Azimuth	ERP	HAAT	41.0 dBu F(50,90)	
(Deg)	(kW)	(m)	(km)	
0.0	25.573	302.1	70.795	

45.0	122.238	301.0	79.755
90.0	624.799	361.5	98.622
135.0	554.525	393.1	100.028
180.0	97.112	371.7	85.205
225.0	23.091	293.0	69.603
270.0	2.742	276.9	57.300
315.0	1.254	254.1	51.917

Site number	2		
Azimuth	ERP	HAAT	41.0 dBu F(50,90)
(Deg)	(kW)	(m)	(km)
0.0	3.721	145.3	50.913
45.0	17.863	159.0	59.275
90.0	91.397	196.6	69.907
135.0	80.984	204.9	69.897
180.0	14.192	196.2	60.654
225.0	3.364	145.8	50.459
270.0	0.401	152.3	40.139
315.0	0.184	152.1	36.113

Evaluation toward Class A Stations from site # 01

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

Evaluation toward Class A Stations from site # 02

Station inside contour of Class A station  
WMDO-CD 47 WASHINGTON DC BLTTA 20080428AAQ

Class A Evaluation Complete

SPACING VIOLATION FOUND BETWEEN STATION

WSFN-BW 43 BALTIMORE MD BDTS 30000101DTS Site # 01

and station

SHORT TO: WMPT 42 ANNAPOLIS MD BLEDT 20100813BHC

039-00-36 0076-36-33  
Req. separation => 24.0 <= 110.0 Actual separation 36.4 Short 73.6( 12.4) km

SHORT TO: WIAV-CD 44 WASHINGTON DC BLANK 0000001572  
038-56-23 0077-04-54  
Req. separation => 24.0 <= 110.0 Actual separation 57.7 Short 52.3( 33.7) km

SHORT TO: WSNB-BW 43 BALTIMORE MD DTVPLN DTVP2000  
39 -20-10 76 -38-59  
Req. separation 196.3 Actual separation 0.0 Short 196.3 km

LANDMOBILE SPACING VIOLATIONS FOUND

NONE from Site # 01

SPACING VIOLATION FOUND BETWEEN STATION

WSNF-BW 43 BALTIMORE MD BDTS 30000101DTS Site # 02

and station

SHORT TO: WMPT 42 ANNAPOLIS MD BLEDT 20100813BHC  
039-00-36 0076-36-33  
Req. separation => 24.0 <= 110.0 Actual separation 41.7 Short 68.3( 17.7) km

SHORT TO: WSVF-LP 43 HARRISONBURG VA BDISDTA 20120913ABH  
038-23-34 0078-46-13  
Req. separation 196.3 Actual separation 159.0 Short 37.3 km

SHORT TO: WSVF-CD 43 HARRISONBURG VA BLDTL 20130109ADM  
038-23-34 0078-46-13  
Req. separation 196.3 Actual separation 159.0 Short 37.3 km

SHORT TO: WSNB-BW 43 BALTIMORE MD DTVPLN DTVP2000  
39 -20-10 76 -38-59  
Req. separation 196.3 Actual separation 57.7 Short 138.6 km

LANDMOBILE SPACING VIOLATIONS FOUND

NONE from Site # 02

Checks to Site Number 01

Proposed facility is 24.1km from FCC Monitoring station at  
 Laurel MD  
 Bearing: 217.9 degrees ERP: 27.91 kW HAAT: 310.1 m  
 Field = 10.7 mV/m

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

Checks to Site Number 02

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

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Start of Interference Analysis

Channel	Proposed Station Call	City/State	ARN	
43	WSFN-BW	BALTIMORE MD	BDTS	30000101DTS

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
28	WAZF-CD	FRONT ROYAL VA	122.0	APP	BPTTA	20140623ACA
28	WAZF-CD	WINCHESTER/FRONT ROY VA	132.5	LIC	BLTTL	19940422IK
42	WMPT	ANNAPOLIS MD	36.4	LIC	BLEDT	20100813BHC
42	WTFX-TV	PHILADELPHIA PA	143.9	LIC	BLCDDT	20120511ADN
42	WCVE-TV	RICHMOND VA	219.0	LIC	BLCDDT	20050606AHG

43	WNJT	TRENTON NJ	197.9	LIC	BLEDT	20110427ABE
43	WCWN	SCHENECTADY NY	427.4	LIC	BLCDT	20110504ABZ
43	WPGH-TV	PITTSBURGH PA	313.7	LIC	BMLCDT	20121018AAV
43	WSVF-LP	HARRISONBURG VA	211.4	APP	BDISDTA	20120913ABH
43	WSVF-CD	HARRISONBURG VA	211.4	LIC	BLDTL	20130109ADM
43	WLHG-CD	LYNCHBURG VA	310.0	LIC	BLDTL	20100111ACB
44	WIAV-CD	WASHINGTON DC	57.7	LIC	BLANK	0000001572
44	WDPB	SEAFORD DE	117.4	LIC	BLEDT	20050624AAK
44	WWPB	HAGERSTOWN MD	118.6	LIC	BLEDT	20110509ACP
44	WMCN-TV	ATLANTIC CITY NJ	160.8	LIC	BLCDT	20060707ACS
44	WCVW	RICHMOND VA	219.0	LIC	BLEDT	20080820ABK
47	WMDO-CD	WASHINGTON DC	57.7	LIC	BLTTA	20080428AAQ

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Analysis of Interference to Affected Station 1

Analysis of current record

Channel	Call	City/State	Application Ref. No.
28	WAZF-CD	FRONT ROYAL VA	BPTTA -20140623ACA

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
21	WVPY	FRONT ROYAL VA	99.2	LIC	BLEDT -20140714AAV
21	WVPY	FRONT ROYAL VA	87.3	LIC	BLEDT -20140714AAV
21	WVPY	FRONT ROYAL VA	36.6	LIC	BLEDT -20140714AAV
21	WVPY	FRONT ROYAL VA	84.2	LIC	BLEDT -20140714AAV
24	WNVC	FAIRFAX VA	81.3	LIC	BLEDT -20090612ACS
26	WHAG-TV	HAGERSTOWN MD	50.7	LIC	BLCDT -20090612AFP
27	WETA-TV	WASHINGTON DC	89.3	LIC	BLEDT -20120731ALN
28	WFPT	FREDERICK MD	64.4	LIC	BLEDT -20090330AFA
28	WCPB	SALISBURY MD	232.5	LIC	BLEDT -20090209AEM
28	WNBC	NEW YORK NY	382.7	CP	BPCDT -20080620ADL
28	WNBC	NEW YORK NY	386.5	LIC	BLCDT -20080409AAM
28	WUAB	LORAIN OH	392.8	LIC	BLCDT -20020516AAG
29	WMPB	BALTIMORE MD	112.9	LIC	BLEDT -20090330AEX
30	WNVT	GOLDVEIN VA	84.1	LIC	BLEDT -20031230AAR
32	WVIR-TV	CHARLOTTESVILLE VA	141.4	LIC	BLCDT -20040908AAE
35	WDCA	WASHINGTON DC	88.8	LIC	BLCDT -20070411AAH
35	WDCA	WASHINGTON DC	88.8	APP	BPCDT -20121105ANF
36	WTTG	WASHINGTON DC	88.8	LIC	BLCDT -20080507AAA
36	WGPT	OAKLAND MD	108.4	LIC	BLEDT -20110509ACO
42	WMPT	ANNAPOLIS MD	127.0	LIC	BLEDT -20100813BHC
43	WSFN-BW	BALTIMORE MD	122.0	PLN	DTVPLN -DTV2000
43	WSFN-BW	BALTIMORE MD	122.0	APP	BDS -30000101DTS
43	WSFN-BW	BALTIMORE MD	89.5	APP	BDS -30000101DTS

Proposed station is beyond the site to nearest cell evaluation distance

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Analysis of Interference to Affected Station 2

Analysis of current record

Channel	Call	City/State	Application Ref. No.
28	WAZF-CD	WINCHESTER/FRONT ROY VA	BLTTL -19940422IK

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
21	WVPY	FRONT ROYAL VA	90.4	LIC	BLEDT -20140714AAV
21	WVPY	FRONT ROYAL VA	82.3	LIC	BLEDT -20140714AAV
21	WVPY	FRONT ROYAL VA	29.3	LIC	BLEDT -20140714AAV
21	WVPY	FRONT ROYAL VA	76.9	LIC	BLEDT -20140714AAV
24	WNVC	FAIRFAX VA	89.9	LIC	BLEDT -20090612ACS
26	WHAG-TV	HAGERSTOWN MD	55.0	LIC	BLCDT -20090612AFP
27	WETA-TV	WASHINGTON DC	98.7	LIC	BLEDT -20120731ALN
28	WFPT	FREDERICK MD	75.0	LIC	BLEDT -20090330AFA
28	WCPB	SALISBURY MD	241.5	LIC	BLEDT -20090209AEM
28	WRDC	DURHAM NC	392.5	LIC	BLCDT -20090612AID
28	WNBC	NEW YORK NY	392.9	CP	BPCDT -20080620ADL
28	WUAB	LORAIN OH	386.0	LIC	BLCDT -20020516AAG
29	WMPB	BALTIMORE MD	123.5	LIC	BLEDT -20090330AEX
30	WNVT	GOLDVEIN VA	89.9	LIC	BLEDT -20031230AAR
32	WVIR-TV	CHARLOTTESVILLE VA	137.3	LIC	BLCDT -20040908AAE
35	WDCA	WASHINGTON DC	98.3	LIC	BLCDT -20070411AAH
35	WDCA	WASHINGTON DC	98.3	APP	BPCDT -20121105ANF
36	WTTG	WASHINGTON DC	98.3	LIC	BLCDT -20080507AAA
36	WGPT	OAKLAND MD	98.6	LIC	BLEDT -20110509ACO
42	WMPT	ANNAPOLIS MD	137.0	LIC	BLEDT -20100813BHC
43	WSFN-BW	BALTIMORE MD	132.5	PLN	DTVPLN -DTVP2000
43	WSFN-BW	BALTIMORE MD	132.5	APP	BDTS -30000101DTS
43	WSFN-BW	BALTIMORE MD	98.9	APP	BDTS -30000101DTS

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.
42	WMPT	ANNAPOLIS MD	BLEDT -20100813BHC

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
41	WUTB	BALTIMORE MD	33.5	LIC	BLCDT	-20100809CHT
42	WZME	BRIDGEPORT CT	395.5	APP	BPCDT	-20120601ARY
42	WZME	BRIDGEPORT CT	395.5	LIC	BLCDT	-20061218ACB
42	WZME	BRIDGEPORT CT	295.6	APP	BPCDT	-20120601ARY
42	WRAY-TV	WILSON NC	378.5	LIC	BLCDT	-20060609AAX
42	WSKG-TV	BINGHAMTON NY	343.7	LIC	BLEDT	-20050526ACA
42	WTFX-TV	PHILADELPHIA PA	164.1	LIC	BLCDT	-20120511ADN
42	WPNT	PITTSBURGH PA	333.8	LIC	BLCDT	-20060608AAB
42	WCVE-TV	RICHMOND VA	187.6	LIC	BLCDT	-20050606AHG
43	WNJT	TRENTON NJ	217.0	LIC	BLEDT	-20110427ABE
43	WSFN-BW	BALTIMORE MD	36.4	PLN	DTVPLN	-DTVP2000
43	WSFN-BW	BALTIMORE MD	36.4	APP	BDTS	-30000101DTS
43	WSFN-BW	BALTIMORE MD	41.6	APP	BDTS	-30000101DTS

Total scenarios = 2

Result key: 1  
Scenario 1 Affected station 3  
Before Analysis

Results for: 42A MD ANNAPOLIS BLEDT 20100813BHC LIC  
HAAT 290.0 m, ATV ERP 516.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	7153885	24045.9
not affected by terrain losses	7131991	23775.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	173235	2363.3
lost to ATV IX only	173235	2363.3
lost to all IX	173235	2363.3

Potential Interfering Stations Included in above Scenario 1

41A MD BALTIMORE	BLCDT	20100809CHT	LIC
42A PA PHILADELPHIA	BLCDT	20120511ADN	LIC
42A PA PITTSBURGH	BLCDT	20060608AAB	LIC
42A VA RICHMOND	BLCDT	20050606AHG	LIC

After Analysis

Results for: 42A MD ANNAPOLIS BLEDT 20100813BHC LIC  
HAAT 290.0 m, ATV ERP 516.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	7153885	24045.9
not affected by terrain losses	7131991	23775.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	191860	2477.8
lost to ATV IX only	191860	2477.8
lost to all IX	191860	2477.8

Potential Interfering Stations Included in above Scenario 1

41A MD BALTIMORE	BLCDT	20100809CHT	LIC
42A PA PHILADELPHIA	BLCDT	20120511ADN	LIC
42A PA PITTSBURGH	BLCDT	20060608AAB	LIC
42A VA RICHMOND	BLCDT	20050606AHG	LIC
43A MD BALTIMORE	BDTS	30000101DTS	APP

Percent new IX = 0.2676%

Result key: 2  
 Scenario 2 Affected station 3  
 Before Analysis

Results for: 42A MD ANNAPOLIS BLEDT 20100813BHC LIC  
 HAAT 290.0 m, ATV ERP 516.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	7153885	24045.9
not affected by terrain losses	7131991	23775.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	173235	2363.3
lost to ATV IX only	173235	2363.3
lost to all IX	173235	2363.3

Potential Interfering Stations Included in above Scenario 2

41A MD BALTIMORE	BLCDT	20100809CHT	LIC
42A CT BRIDGEPORT	BPCDT	20120601ARY	APP
42A PA PHILADELPHIA	BLCDT	20120511ADN	LIC
42A PA PITTSBURGH	BLCDT	20060608AAB	LIC
42A VA RICHMOND	BLCDT	20050606AHG	LIC

After Analysis

Results for: 42A MD ANNAPOLIS BLEDT 20100813BHC LIC  
 HAAT 290.0 m, ATV ERP 516.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	7153885	24045.9
not affected by terrain losses	7131991	23775.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	191860	2477.8
lost to ATV IX only	191860	2477.8
lost to all IX	191860	2477.8

Potential Interfering Stations Included in above Scenario 2

41A MD BALTIMORE	BLCDT	20100809CHT	LIC
42A CT BRIDGEPORT	BPCDT	20120601ARY	APP
42A PA PHILADELPHIA	BLCDT	20120511ADN	LIC
42A PA PITTSBURGH	BLCDT	20060608AAB	LIC
42A VA RICHMOND	BLCDT	20050606AHG	LIC
43A MD BALTIMORE	BDTS	30000101DTS	APP



Percent new IX = 0.2676%

Worst case new IX 0.2676% Scenario 1

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Analysis of Interference to Affected Station 4

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
42	WTXF-TV	PHILADELPHIA PA	BLCDT	-20120511ADN

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
41	WUTB	BALTIMORE MD	154.8	LIC	BLCDT	-20100809CHT
41	WVIA-TV	SCRANTON PA	137.6	LIC	BLEDT	-20120319AAB
42	WZME	BRIDGEPORT CT	231.6	APP	BPCDT	-20120601ARY
42	WZME	BRIDGEPORT CT	231.6	LIC	BLCDT	-20061218ACB
42	WZME	BRIDGEPORT CT	132.0	APP	BPCDT	-20120601ARY
42	WHDH	BOSTON MA	420.5	LIC	BLCDT	-20101217AAX
42	WHDH-DR	BOSTON MA	420.5	APP	BPRM	-20090706ABZ
42	WMPT	ANNAPOLIS MD	164.1	LIC	BLEDT	-20100813BHC
42	WSKG-TV	BINGHAMTON NY	232.3	LIC	BLEDT	-20050526ACA
42	WPNT	PITTSBURGH PA	407.3	LIC	BLCDT	-20060608AAB
42	WCVE-TV	RICHMOND VA	347.7	LIC	BLCDT	-20050606AHG
43	WNJT	TRENTON NJ	54.1	LIC	BLEDT	-20110427ABE
43	WSFN-BW	BALTIMORE MD	143.9	PLN	DTVPLN	-DTVP2000
43	WSFN-BW	BALTIMORE MD	143.9	APP	BDTS	-30000101DTS
43	WSFN-BW	BALTIMORE MD	199.9	APP	BDTS	-30000101DTS

Total scenarios = 2

Result key: 3  
Scenario 1 Affected station 4  
Before Analysis

Results for: 42A PA PHILADELPHIA BLCDT 20120511ADN LIC  
HAAT 343.0 m, ATV ERP 620.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	8895816	26113.5
not affected by terrain losses	8716694	25478.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	835312	2810.6
lost to ATV IX only	835312	2810.6
lost to all IX	835312	2810.6

Potential Interfering Stations Included in above Scenario 1

41A MD BALTIMORE	BLCDT	20100809CHT	LIC
41A PA SCRANTON	BLEDT	20120319AAB	LIC
42A CT BRIDGEPORT	BLCDT	20061218ACB	LIC
42A MD ANNAPOLIS	BLEDT	20100813BHC	LIC
42A NY BINGHAMTON	BLEDT	20050526ACA	LIC
42A VA RICHMOND	BLCDT	20050606AHG	LIC
43A NJ TRENTON	BLEDT	20110427ABE	LIC

After Analysis

Results for: 42A PA PHILADELPHIA BLCDT 20120511ADN LIC  
 HAAT 343.0 m, ATV ERP 620.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	8895816	26113.5
not affected by terrain losses	8716694	25478.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	835420	2812.5
lost to ATV IX only	835420	2812.5
lost to all IX	835420	2812.5

Potential Interfering Stations Included in above Scenario 1

41A MD BALTIMORE	BLCDT	20100809CHT	LIC
41A PA SCRANTON	BLEDT	20120319AAB	LIC
42A CT BRIDGEPORT	BLCDT	20061218ACB	LIC
42A MD ANNAPOLIS	BLEDT	20100813BHC	LIC
42A NY BINGHAMTON	BLEDT	20050526ACA	LIC
42A VA RICHMOND	BLCDT	20050606AHG	LIC
43A NJ TRENTON	BLEDT	20110427ABE	LIC
43A MD BALTIMORE	BDS	30000101DTS	APP

Percent new IX = 0.0014%

Result key: 4  
 Scenario 2 Affected station 4  
 Before Analysis

Results for: 42A PA PHILADELPHIA BLCDT 20120511ADN LIC  
 HAAT 343.0 m, ATV ERP 620.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	8895816	26113.5
not affected by terrain losses	8716694	25478.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	831992	2806.6
lost to ATV IX only	831992	2806.6
lost to all IX	831992	2806.6

Potential Interfering Stations Included in above Scenario 2

41A MD BALTIMORE	BLCDT	20100809CHT	LIC
41A PA SCRANTON	BLEDT	20120319AAB	LIC

42A CT BRIDGEPORT	BPCDT	20120601ARY	APP
42A MD ANNAPOLIS	BLEDT	20100813BHC	LIC
42A NY BINGHAMTON	BLEDT	20050526ACA	LIC
42A VA RICHMOND	BLCDT	20050606AHG	LIC
43A NJ TRENTON	BLEDT	20110427ABE	LIC

After Analysis

Results for: 42A PA PHILADELPHIA BLCDT 20120511ADN LIC  
 HAAT 343.0 m, ATV ERP 620.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	8895816	26113.5
not affected by terrain losses	8716694	25478.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	832100	2808.6
lost to ATV IX only	832100	2808.6
lost to all IX	832100	2808.6

Potential Interfering Stations Included in above Scenario 2

41A MD BALTIMORE	BLCDT	20100809CHT	LIC
41A PA SCRANTON	BLEDT	20120319AAB	LIC
42A CT BRIDGEPORT	BPCDT	20120601ARY	APP
42A MD ANNAPOLIS	BLEDT	20100813BHC	LIC
42A NY BINGHAMTON	BLEDT	20050526ACA	LIC
42A VA RICHMOND	BLCDT	20050606AHG	LIC
43A NJ TRENTON	BLEDT	20110427ABE	LIC
43A MD BALTIMORE	BDTS	30000101DTS	APP

Percent new IX = 0.0014%

Worst case new IX 0.0014% Scenario 1

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Analysis of Interference to Affected Station 5

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
42	WCVE-TV	RICHMOND VA	BLCDT	-20050606AHG

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
41	WUTB	BALTIMORE MD	210.5	LIC	BLCDT	-20100809CHT
42	WMPT	ANNAPOLIS MD	187.6	LIC	BLEDT	-20100813BHC
42	WRAY-TV	WILSON NC	193.1	LIC	BLCDT	-20060609AAX
42	WTFX-TV	PHILADELPHIA PA	347.7	LIC	BLCDT	-20120511ADN
42	WPNT	PITTSBURGH PA	391.2	LIC	BLCDT	-20060608AAB
42	WMSY-TV	MARION VA	355.4	LIC	BLEDT	-20030428ABS

43	WSFN-BW	BALTIMORE MD	219.0	PLN	DTVPLN	-DTVP2000
43	WSFN-BW	BALTIMORE MD	219.0	APP	BDTS	-30000101DTS
43	WSFN-BW	BALTIMORE MD	165.1	APP	BDTS	-30000101DTS

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.
43	WNJT	TRENTON NJ	BLEDT	-20110427ABE

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
42	WZME	BRIDGEPORT CT	178.6	APP	BPCDT	-20120601ARY
42	WZME	BRIDGEPORT CT	178.6	LIC	BLCDT	-20061218ACB
42	WZME	BRIDGEPORT CT	78.6	APP	BPCDT	-20120601ARY
42	WMPT	ANNAPOLIS MD	217.0	LIC	BLEDT	-20100813BHC
42	WSKG-TV	BINGHAMTON NY	224.0	LIC	BLEDT	-20050526ACA
42	WTFX-TV	PHILADELPHIA PA	54.1	LIC	BLCDT	-20120511ADN
43	WGBX-TV	BOSTON MA	365.7	LIC	BLEDT	-20021219AAN
43	WCWN	SCHENECTADY NY	266.4	LIC	BLCDT	-20110504ABZ
44	WDPB	SEAFORD DE	197.7	LIC	BLEDT	-20050624AAK
44	WMCN-TV	ATLANTIC CITY NJ	63.1	LIC	BLCDT	-20060707ACS
44	WNYW	NEW YORK NY	78.6	LIC	BLCDT	-20080618AOC
44	WNYW	NEW YORK NY	78.6	STA	BDSTA	-20011102ABO
44	WNYW	NEW YORK NY	78.6	CP	BPCDT	-20110718AAP
43	WSFN-BW	BALTIMORE MD	197.9	PLN	DTVPLN	-DTVP2000
43	WSFN-BW	BALTIMORE MD	197.9	APP	BDTS	-30000101DTS
43	WSFN-BW	BALTIMORE MD	253.6	APP	BDTS	-30000101DTS

Total scenarios = 3

Result key: 5  
Scenario 1 Affected station 6  
Before Analysis

Results for: 43A NJ TRENTON BLEDT 20110427ABE LIC

HAAT 266.0 m, ATV ERP 59.4 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	10435371	16390.1
not affected by terrain losses	10248992	15897.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1394423	1377.2
lost to ATV IX only	1394423	1377.2

lost to all IX 1394423 1377.2

Potential Interfering Stations Included in above Scenario 1

42A PA PHILADELPHIA	BLCDT	20120511ADN	LIC
43A NY SCHENECTADY	BLCDT	20110504ABZ	LIC
44A NJ ATLANTIC CITY	BLCDT	20060707ACS	LIC
44A NY NEW YORK	BLCDT	20080618AOC	LIC

After Analysis

Results for: 43A NJ TRENTON BLEDT 20110427ABE LIC  
 HAAT 266.0 m, ATV ERP 59.4 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	10435371	16390.1
not affected by terrain losses	10248992	15897.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1405084	1403.6
lost to ATV IX only	1405084	1403.6
lost to all IX	1405084	1403.6

Potential Interfering Stations Included in above Scenario 1

42A PA PHILADELPHIA	BLCDT	20120511ADN	LIC
43A NY SCHENECTADY	BLCDT	20110504ABZ	LIC
44A NJ ATLANTIC CITY	BLCDT	20060707ACS	LIC
44A NY NEW YORK	BLCDT	20080618AOC	LIC
43A MD BALTIMORE	BDTS	30000101DTS	APP

Percent new IX = 0.1204%

Result key: 6  
 Scenario 2 Affected station 6  
 Before Analysis

Results for: 43A NJ TRENTON BLEDT 20110427ABE LIC  
 HAAT 266.0 m, ATV ERP 59.4 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	10435371	16390.1
not affected by terrain losses	10248992	15897.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1247328	1349.9
lost to ATV IX only	1247328	1349.9
lost to all IX	1247328	1349.9

Potential Interfering Stations Included in above Scenario 2

42A PA PHILADELPHIA	BLCDT	20120511ADN	LIC
43A NY SCHENECTADY	BLCDT	20110504ABZ	LIC
44A NJ ATLANTIC CITY	BLCDT	20060707ACS	LIC
44A NY NEW YORK	BPCDT	20110718AAP	CP

After Analysis

Results for: 43A NJ TRENTON BLEDT 20110427ABE LIC  
 HAAT 266.0 m, ATV ERP 59.4 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	10435371	16390.1
not affected by terrain losses	10248992	15897.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1256129	1375.3
lost to ATV IX only	1256129	1375.3
lost to all IX	1256129	1375.3

Potential Interfering Stations Included in above Scenario 2

42A PA PHILADELPHIA	BLCDT	20120511ADN	LIC
43A NY SCHENECTADY	BLCDT	20110504ABZ	LIC
44A NJ ATLANTIC CITY	BLCDT	20060707ACS	LIC
44A NY NEW YORK	BPCDT	20110718AAP	CP
43A MD BALTIMORE	BDTS	30000101DTS	APP

Percent new IX = 0.0978%

Result key: 7  
 Scenario 3 Affected station 6  
 Before Analysis

Results for: 43A NJ TRENTON BLEDT 20110427ABE LIC  
 HAAT 266.0 m, ATV ERP 59.4 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	10435371	16390.1
not affected by terrain losses	10248992	15897.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1091033	1155.4
lost to ATV IX only	1091033	1155.4
lost to all IX	1091033	1155.4

Potential Interfering Stations Included in above Scenario 3

42A PA PHILADELPHIA	BLCDT	20120511ADN	LIC
43A NY SCHENECTADY	BLCDT	20110504ABZ	LIC
44A NJ ATLANTIC CITY	BLCDT	20060707ACS	LIC
44A NY NEW YORK	BDSTA	20011102ABO	STA

After Analysis

Results for: 43A NJ TRENTON BLEDT 20110427ABE LIC  
 HAAT 266.0 m, ATV ERP 59.4 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	10435371	16390.1
not affected by terrain losses	10248992	15897.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1101694	1181.8

lost to ATV IX only                    1101694            1181.8  
lost to all IX                            1101694            1181.8

Potential Interfering Stations Included in above Scenario            3

42A PA PHILADELPHIA                    BLCDT            20120511ADN    LIC  
43A NY SCHENECTADY                    BLCDT            20110504ABZ    LIC  
44A NJ ATLANTIC CITY                   BLCDT            20060707ACS    LIC  
44A NY NEW YORK                        BDSTA            20011102ABO    STA  
43A MD BALTIMORE                       BDTS              30000101DTS    APP

Percent new IX =            0.1164%

Worst case new IX            0.1204% Scenario            1

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Analysis of Interference to Affected Station            7

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
43	WCWN	SCHENECTADY NY	BLCDT	-20110504ABZ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
42	WZME	BRIDGEPORT CT	158.8	APP	BPCDT	-20120601ARY
42	WZME	BRIDGEPORT CT	158.8	LIC	BLCDT	-20061218ACB
42	WZME	BRIDGEPORT CT	208.6	APP	BPCDT	-20120601ARY
42	WSKG-TV	BINGHAMTON NY	170.9	LIC	BLEDT	-20050526ACA
43	WGBX-TV	BOSTON MA	230.1	LIC	BLEDT	-20021219AAN
43	WPXT	PORTLAND ME	327.8	LIC	BLCDT	-20060714ABB
43	WNJT	TRENTON NJ	266.4	LIC	BLEDT	-20110427ABE
43	WNED-TV	BUFFALO NY	402.7	LIC	BLEDT	-20030812AAJ
43	WFFF-TV	BURLINGTON VT	232.1	LIC	BLCDT	-20070629AAM
44	WNYW	NEW YORK NY	208.6	LIC	BLCDT	-20080618AOC
44	WNYW	NEW YORK NY	208.6	STA	BDSTA	-20011102ABO
44	WNYW	NEW YORK NY	208.6	CP	BPCDT	-20110718AAP
44	WNYS-TV	SYRACUSE NY	180.9	LIC	BLCDT	-20060509AAQ
43	WSFN-BW	BALTIMORE MD	427.4	PLN	DTVPLN	-DTVP2000
43	WSFN-BW	BALTIMORE MD	427.4	APP	BDTS	-30000101DTS
43	WSFN-BW	BALTIMORE MD		APP	BDTS	-30000101DTS

Proposal causes no interference

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Analysis of Interference to Affected Station            8

Analysis of current record

Channel	Call	City/State	Application Ref. No.
43	WPGH-TV	PITTSBURGH PA	BMLCDT -20121018AAY

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
42	WGGN-TV	SANDUSKY OH	215.7	LIC	BLCDDT -20090309AAV
42	WPNT	PITTSBURGH PA	0.0	LIC	BLCDDT -20060608AAB
43	WTVS	DETROIT MI	341.6	LIC	BLEDT -20091014ACH
43	WNED-TV	BUFFALO NY	295.7	LIC	BLEDT -20030812AAJ
43	WPBO	PORTSMOUTH OH	324.9	LIC	BLEDT -20040323ATV
44	WWPB	HAGERSTOWN MD	196.8	LIC	BLEDT -20110509ACP
43	WSFN-BW	BALTIMORE MD	313.7	PLN	DTVPLN -DTVP2000
43	WSFN-BW	BALTIMORE MD	313.7	APP	BDS -30000101DTS
43	WSFN-BW	BALTIMORE MD	303.8	APP	BDS -30000101DTS

Proposal causes no interference

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Analysis of Interference to Affected Station 9

Analysis of current record

Channel	Call	City/State	Application Ref. No.
43	WSVF-LP	HARRISONBURG VA	BDISDTA -20120913ABH

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
42	WHSV-TV	HARRISONBURG VA	73.7	LIC	BLCDDT -20110113AAD
43	W43BP	CRESAPTOWN MD	132.6	LIC	BLTT -19981124JI
43	W42CK	HAGERSTOWN MD	160.0	CP	BDISDTL -20090812AAO
43	WLXI	GREENSBORO NC	295.8	LIC	BLCDDT -20090204ABD
43	WPBO	PORTSMOUTH OH	375.1	LIC	BLEDT -20040323ATV
43	WPGH-TV	PITTSBURGH PA	256.6	LIC	BMLCDT -20121018AAY
43	WDCN-LD	FAIRFAX VA	158.7	CP	BDCDDTL -20101119ADD
43	WSVF-CD	HARRISONBURG VA	0.0	LIC	BLDTL -20130109ADM
43	WLHG-CD	LYNCHBURG VA	119.9	LIC	BLDTL -20100111ACB
43	WSFN-BW	BALTIMORE MD	211.4	PLN	DTVPLN -DTVP2000
43	WSFN-BW	BALTIMORE MD	211.4	APP	BDS -30000101DTS
43	WSFN-BW	BALTIMORE MD	158.7	APP	BDS -30000101DTS

Total scenarios = 1

Result key: 8  
 Scenario 1 Affected station 9  
 Before Analysis

Results for: 43A VA HARRISONBURG BDISDTA 20120913ABH APP



HAAT 560.0 m, ATV ERP 13.0 kW		
	POPULATION	AREA (sq km)
within Noise Limited Contour	446965	12276.7
not affected by terrain losses	272054	7940.7
lost to NTSC IX	126	24.5
lost to additional IX by ATV	240708	5158.5
lost to ATV IX only	240834	5183.0
lost to all IX	240834	5183.0

Potential Interfering Stations Included in above Scenario 1

43N MD CRESAPTOWN	BLTT	19981124JI	LIC
42A VA HARRISONBURG	BLCDT	20110113AAD	LIC
43A MD HAGERSTOWN	BDISDTL	20090812AAO	CP
43A NC GREENSBORO	BLCDT	20090204ABD	LIC
43A PA PITTSBURGH	BMLCDT	20121018AAY	LIC
43A VA HARRISONBURG	BLDTL	20130109ADM	LIC
43A VA LYNCHBURG	BLDTL	20100111ACB	LIC

After Analysis

Results for: 43A VA HARRISONBURG BDISDTA 20120913ABH APP

HAAT 560.0 m, ATV ERP 13.0 kW		
	POPULATION	AREA (sq km)
within Noise Limited Contour	446965	12276.7
not affected by terrain losses	272054	7940.7
lost to NTSC IX	126	24.5
lost to additional IX by ATV	240708	5158.5
lost to ATV IX only	240834	5183.0
lost to all IX	240834	5183.0

Potential Interfering Stations Included in above Scenario 1

43N MD CRESAPTOWN	BLTT	19981124JI	LIC
42A VA HARRISONBURG	BLCDT	20110113AAD	LIC
43A MD HAGERSTOWN	BDISDTL	20090812AAO	CP
43A NC GREENSBORO	BLCDT	20090204ABD	LIC
43A PA PITTSBURGH	BMLCDT	20121018AAY	LIC
43A VA HARRISONBURG	BLDTL	20130109ADM	LIC
43A VA LYNCHBURG	BLDTL	20100111ACB	LIC
43A MD BALTIMORE	BDTS	30000101DTS	APP

Percent new IX = 0.0000%

Worst case new IX 0.0000% Scenario 1

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Analysis of Interference to Affected Station 10

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
43	WSVF-CD	HARRISONBURG VA	BLDTL	-20130109ADM

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
42	WHSV-TV	HARRISONBURG VA	73.7	LIC	BLCDT	-20110113AAD
43	W43BP	CRESAPTOWN MD	132.6	LIC	BLTT	-19981124JI
43	W42CK	HAGERSTOWN MD	160.0	CP	BDISDTL	-20090812AAO
43	WLXI	GREENSBORO NC	295.8	LIC	BLCDT	-20090204ABD
43	WPBO	PORTSMOUTH OH	375.1	LIC	BLEDT	-20040323ATV
43	WPGH-TV	PITTSBURGH PA	256.6	LIC	BMLCDT	-20121018AAY
43	WDCN-LD	FAIRFAX VA	158.7	CP	BDCCDTL	-20101119ADD
43	WSVF-LP	HARRISONBURG VA	0.0	APP	BDISDTA	-20120913ABH
43	WLHG-CD	LYNCHBURG VA	119.9	LIC	BLDTL	-20100111ACB
43	WSFN-BW	BALTIMORE MD	211.4	PLN	DTVPLN	-DTVP2000
43	WSFN-BW	BALTIMORE MD	211.4	APP	BDS	-30000101DTS
43	WSFN-BW	BALTIMORE MD	158.7	APP	BDS	-30000101DTS

Total scenarios = 3

Result key: 9  
 Scenario 1 Affected station 10  
 Before Analysis

Results for: 43A VA HARRISONBURG BLDTL 20130109ADM LIC  
 HAAT 560.0 m, ATV ERP 13.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	446965	12276.7
not affected by terrain losses	272054	7940.7
lost to NTSC IX	126	24.5
lost to additional IX by ATV	1721	105.9
lost to ATV IX only	1721	108.8
lost to all IX	1847	130.4

Potential Interfering Stations Included in above Scenario 1

43N MD CRESAPTOWN	BLTT	19981124JI	LIC
42A VA HARRISONBURG	BLCDT	20110113AAD	LIC
43A MD HAGERSTOWN	BDISDTL	20090812AAO	CP
43A NC GREENSBORO	BLCDT	20090204ABD	LIC
43A PA PITTSBURGH	BMLCDT	20121018AAY	LIC
43A VA LYNCHBURG	BLDTL	20100111ACB	LIC

After Analysis

Results for: 43A VA HARRISONBURG BLDTL 20130109ADM LIC  
 HAAT 560.0 m, ATV ERP 13.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	446965	12276.7

not affected by terrain losses	272054	7940.7
lost to NTSC IX	126	24.5
lost to additional IX by ATV	1896	120.6
lost to ATV IX only	1896	123.5
lost to all IX	2022	145.1

Potential Interfering Stations Included in above Scenario 1

43N MD CRESAPTOWN	BLTT	19981124JI	LIC
42A VA HARRISONBURG	BLCDT	20110113AAD	LIC
43A MD HAGERSTOWN	BDISDTL	20090812AAO	CP
43A NC GREENSBORO	BLCDT	20090204ABD	LIC
43A PA PITTSBURGH	BMLCDT	20121018AAY	LIC
43A VA LYNCHBURG	BLDTL	20100111ACB	LIC
43A MD BALTIMORE	BDTS	30000101DTS	APP

Percent new IX = 0.0648%

Result key: 10  
 Scenario 2 Affected station 10  
 Before Analysis

Results for: 43A VA HARRISONBURG BLDTL 20130109ADM LIC  
 HAAT 560.0 m, ATV ERP 13.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	446965	12276.7
not affected by terrain losses	272054	7940.7
lost to NTSC IX	126	24.5
lost to additional IX by ATV	240708	5158.5
lost to ATV IX only	240834	5183.0
lost to all IX	240834	5183.0

Potential Interfering Stations Included in above Scenario 2

43N MD CRESAPTOWN	BLTT	19981124JI	LIC
42A VA HARRISONBURG	BLCDT	20110113AAD	LIC
43A MD HAGERSTOWN	BDISDTL	20090812AAO	CP
43A NC GREENSBORO	BLCDT	20090204ABD	LIC
43A PA PITTSBURGH	BMLCDT	20121018AAY	LIC
43A VA HARRISONBURG	BDISDTA	20120913ABH	APP
43A VA LYNCHBURG	BLDTL	20100111ACB	LIC

After Analysis

Results for: 43A VA HARRISONBURG BLDTL 20130109ADM LIC  
 HAAT 560.0 m, ATV ERP 13.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	446965	12276.7
not affected by terrain losses	272054	7940.7
lost to NTSC IX	126	24.5
lost to additional IX by ATV	240708	5158.5
lost to ATV IX only	240834	5183.0

lost to all IX 240834 5183.0

Potential Interfering Stations Included in above Scenario 2

43N MD CRESAPTOWN	BLTT	19981124JI	LIC
42A VA HARRISONBURG	BLCDDT	20110113AAD	LIC
43A MD HAGERSTOWN	BDISDTL	20090812AAO	CP
43A NC GREENSBORO	BLCDDT	20090204ABD	LIC
43A PA PITTSBURGH	BMLCDDT	20121018AAY	LIC
43A VA HARRISONBURG	BDISDTA	20120913ABH	APP
43A VA LYNCHBURG	BLDTL	20100111ACB	LIC
43A MD BALTIMORE	BDS	30000101DTS	APP

Percent new IX = 0.0000%

Result key: 11  
Scenario 3 Affected station 10  
Before Analysis

Results for: 43A VA HARRISONBURG BLDLTL 20130109ADM LIC  
HAAT 560.0 m, ATV ERP 13.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	446965	12276.7
not affected by terrain losses	272054	7940.7
lost to NTSC IX	126	24.5
lost to additional IX by ATV	1721	105.9
lost to ATV IX only	1721	108.8
lost to all IX	1847	130.4

Potential Interfering Stations Included in above Scenario 3

43N MD CRESAPTOWN	BLTT	19981124JI	LIC
42A VA HARRISONBURG	BLCDDT	20110113AAD	LIC
43A MD HAGERSTOWN	BDISDTL	20090812AAO	CP
43A NC GREENSBORO	BLCDDT	20090204ABD	LIC
43A PA PITTSBURGH	BMLCDDT	20121018AAY	LIC
43A VA LYNCHBURG	BLDTL	20100111ACB	LIC

After Analysis

Results for: 43A VA HARRISONBURG BLDLTL 20130109ADM LIC  
HAAT 560.0 m, ATV ERP 13.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	446965	12276.7
not affected by terrain losses	272054	7940.7
lost to NTSC IX	126	24.5
lost to additional IX by ATV	1896	120.6
lost to ATV IX only	1896	123.5
lost to all IX	2022	145.1

Potential Interfering Stations Included in above Scenario 3

43N MD CRESAPTOWN	BLTT	19981124JI	LIC
42A VA HARRISONBURG	BLCDT	20110113AAD	LIC
43A MD HAGERSTOWN	BDISDTL	20090812AAO	CP
43A NC GREENSBORO	BLCDT	20090204ABD	LIC
43A PA PITTSBURGH	BMLCDT	20121018AAY	LIC
43A VA LYNCHBURG	BLDTL	20100111ACB	LIC
43A MD BALTIMORE	BDTS	30000101DTS	APP

Percent new IX = 0.0648%

Worst case new IX 0.0648% Scenario 1

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Analysis of Interference to Affected Station 11

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
43	WLHG-CD	LYNCHBURG VA	BLDTL	-20100111ACB

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
43	WLXI	GREENSBORO NC	176.1	LIC	BLCDT	-20090204ABD
43	WPBO	PORTSMOUTH OH	375.4	LIC	BLEDT	-20040323ATV
43	WPGH-TV	PITTSBURGH PA	356.2	LIC	BMLCDT	-20121018AAY
43	WRET-TV	SPARTANBURG SC	364.2	LIC	BLEDT	-20090622ADJ
43	WSVF-LP	HARRISONBURG VA	119.9	APP	BDISDTA	-20120913ABH
43	WSVF-CD	HARRISONBURG VA	119.9	LIC	BLDTL	-20130109ADM
43	W43BO	MARION, ETC. VA	217.2	LIC	BLTTL	-19970425JD
44	W44CL-D	ROANOKE VA	67.9	LIC	BLDTL	-20110715AEF
43	WSFN-BW	BALTIMORE MD	310.0	PLN	DTVPLN	-DTVP2000
43	WSFN-BW	BALTIMORE MD	310.0	APP	BDTS	-30000101DTS
43	WSFN-BW	BALTIMORE MD	252.7	APP	BDTS	-30000101DTS

Proposal causes no interference

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Analysis of Interference to Affected Station 12

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
44	WIAV-CD	WASHINGTON DC	BLANK	-0000001572

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
43	WDCN-LD	FAIRFAX VA	0.0	CP	BDCCDTL	-20101119ADD

44	WDPB	SEAFORD DE	131.2	LIC	BLEDT	-20050624AAK
44	WWPB	HAGERSTOWN MD	110.0	LIC	BLEDT	-20110509ACP
44	WMCN-TV	ATLANTIC CITY NJ	211.4	LIC	BLCDDT	-20060707ACS
44	WNYW	NEW YORK NY	331.9	LIC	BLCDDT	-20080618AOC
44	WNYW	NEW YORK NY	331.9	STA	BDSTA	-20011102ABO
44	WNYW	NEW YORK NY	331.9	CP	BPCDDT	-20110718AAP
44	WCVW	RICHMOND VA	165.0	LIC	BLEDT	-20080820ABK
45	W45DN-D	WASHINGTON DC	44.0	LIC	BLDTL	-20110201ACL
45	WAZT-CD	WOODSTOCK VA	53.9	LIC	BLANK	-0000001574
45	WAZT-CD	WOODSTOCK VA	53.9	LIC	BLANK	-0000001168
43	WSFN-BW	BALTIMORE MD	57.7	PLN	DTVPLN	-DTVP2000
43	WSFN-BW	BALTIMORE MD	57.7	APP	BDTS	-30000101DTS
43	WSFN-BW	BALTIMORE MD	0.0	APP	BDTS	-30000101DTS

Total scenarios = 1

Result key: 12  
Scenario 1 Affected station 12  
Before Analysis

Results for: 44A DC WASHINGTON BLANK 0000001572 LIC

HAAT 186.0 m, ATV ERP 12.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3067706	3661.9
not affected by terrain losses	3067706	3661.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	71609	240.5
lost to ATV IX only	71609	240.5
lost to all IX	71609	240.5

Potential Interfering Stations Included in above Scenario 1

43A VA FAIRFAX	BDCDDTL	20101119ADD	CP
44A DE SEAFORD	BLEDT	20050624AAK	LIC
44A MD HAGERSTOWN	BLEDT	20110509ACP	LIC
44A VA RICHMOND	BLEDT	20080820ABK	LIC
45A DC WASHINGTON	BLDTL	20110201ACL	LIC

After Analysis

Results for: 44A DC WASHINGTON BLANK 0000001572 LIC

HAAT 186.0 m, ATV ERP 12.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3067706	3661.9
not affected by terrain losses	3067706	3661.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	75604	243.5
lost to ATV IX only	75604	243.5
lost to all IX	75604	243.5

Potential Interfering Stations Included in above Scenario 1

43A VA FAIRFAX	BDCCDTL	20101119ADD	CP
44A DE SEAFORD	BLEDT	20050624AAK	LIC
44A MD HAGERSTOWN	BLEDT	20110509ACP	LIC
44A VA RICHMOND	BLEDT	20080820ABK	LIC
45A DC WASHINGTON	BLDTL	20110201ACL	LIC
43A MD BALTIMORE	BDTS	30000101DTS	APP

Percent new IX = 0.1333%

Worst case new IX 0.1333% Scenario 1

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Analysis of Interference to Affected Station 13

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
44	WDPB	SEAFORD DE	BLEDT	-20050624AAK

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
43	WNJT	TRENTON NJ	197.7	LIC	BLEDT	-20110427ABE
44	WWPB	HAGERSTOWN MD	231.6	LIC	BLEDT	-20110509ACP
44	WMCN-TV	ATLANTIC CITY NJ	136.4	LIC	BLCDT	-20060707ACS
44	WNYW	NEW YORK NY	271.1	LIC	BLCDT	-20080618AOC
44	WNYW	NEW YORK NY	271.1	STA	BDSTA	-20011102ABO
44	WNYW	NEW YORK NY	271.1	CP	BPCDT	-20110718AAP
44	WCVW	RICHMOND VA	215.4	LIC	BLEDT	-20080820ABK
43	WSFN-BW	BALTIMORE MD	117.4	PLN	DTVPLN	-DTVP2000
43	WSFN-BW	BALTIMORE MD	117.4	APP	BDTS	-30000101DTS
43	WSFN-BW	BALTIMORE MD	131.2	APP	BDTS	-30000101DTS

Total scenarios = 1

Result key: 13  
Scenario 1 Affected station 13  
Before Analysis

Results for: 44A DE SEAFORD BLEDT 20050624AAK LIC  
HAAT 196.0 m, ATV ERP 98.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	502133	11514.3
not affected by terrain losses	502133	11514.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1767	126.9
lost to ATV IX only	1767	126.9
lost to all IX	1767	126.9

Potential Interfering Stations Included in above Scenario 1

44A NJ ATLANTIC CITY BLCDT 20060707ACS LIC

After Analysis

Results for: 44A DE SEAFORD BLEDT 20050624AAK LIC
HAAT 196.0 m, ATV ERP 98.0 kW

Table with 3 columns: Category, POPULATION, AREA (sq km). Rows include: within Noise Limited Contour, not affected by terrain losses, lost to NTSC IX, lost to additional IX by ATV, lost to ATV IX only, lost to all IX.

Potential Interfering Stations Included in above Scenario 1

44A NJ ATLANTIC CITY BLCDT 20060707ACS LIC
43A MD BALTIMORE BDTS 30000101DTS APP

Percent new IX = 0.0010%

Worst case new IX 0.0010% Scenario 1

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Analysis of Interference to Affected Station 14

Analysis of current record

Channel Call City/State Application Ref. No.
44 WWPB HAGERSTOWN MD BLEDT -20110509ACP

Stations Potentially Affecting This Station

Table with 7 columns: Chan, Call, City/State, Dist(km), Status, Application, Ref. No. Lists various stations like WPGH-TV, WDPB, WTSF, WMCN-TV, WNYW, WNYS-TV, WCVW, WSFN-BW.



Total scenarios = 3

Result key: 14  
Scenario 1 Affected station 14  
Before Analysis

Results for: 44A MD HAGERSTOWN BLEDT 20110509ACP LIC  
HAAT 369.0 m, ATV ERP 500.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1676168	24553.5
not affected by terrain losses	1351683	19300.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	115058	443.3
lost to ATV IX only	115058	443.3
lost to all IX	115058	443.3

Potential Interfering Stations Included in above Scenario 1

44A DE SEAFORD	BLEDT	20050624AAK	LIC
44A NJ ATLANTIC CITY	BLCDT	20060707ACS	LIC
44A NY NEW YORK	BLCDT	20080618AOC	LIC
44A VA RICHMOND	BLEDT	20080820ABK	LIC

After Analysis

Results for: 44A MD HAGERSTOWN BLEDT 20110509ACP LIC  
HAAT 369.0 m, ATV ERP 500.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1676168	24553.5
not affected by terrain losses	1351683	19300.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	115457	449.2
lost to ATV IX only	115457	449.2
lost to all IX	115457	449.2

Potential Interfering Stations Included in above Scenario 1

44A DE SEAFORD	BLEDT	20050624AAK	LIC
44A NJ ATLANTIC CITY	BLCDT	20060707ACS	LIC
44A NY NEW YORK	BLCDT	20080618AOC	LIC
44A VA RICHMOND	BLEDT	20080820ABK	LIC
43A MD BALTIMORE	BDS	30000101DTS	APP

Percent new IX = 0.0323%

Result key: 15  
Scenario 2 Affected station 14  
Before Analysis

Results for: 44A MD HAGERSTOWN BLEDT 20110509ACP LIC  
HAAT 369.0 m, ATV ERP 500.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1676168	24553.5
not affected by terrain losses	1351683	19300.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	115185	445.2
lost to ATV IX only	115185	445.2
lost to all IX	115185	445.2

Potential Interfering Stations Included in above Scenario 2

44A DE SEAFORD	BLEDT	20050624AAK	LIC
44A NJ ATLANTIC CITY	BLCDT	20060707ACS	LIC
44A NY NEW YORK	BPCDT	20110718AAP	CP
44A VA RICHMOND	BLEDT	20080820ABK	LIC

After Analysis

Results for: 44A MD HAGERSTOWN BLEDT 20110509ACP LIC  
 HAAT 369.0 m, ATV ERP 500.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1676168	24553.5
not affected by terrain losses	1351683	19300.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	115584	451.2
lost to ATV IX only	115584	451.2
lost to all IX	115584	451.2

Potential Interfering Stations Included in above Scenario 2

44A DE SEAFORD	BLEDT	20050624AAK	LIC
44A NJ ATLANTIC CITY	BLCDT	20060707ACS	LIC
44A NY NEW YORK	BPCDT	20110718AAP	CP
44A VA RICHMOND	BLEDT	20080820ABK	LIC
43A MD BALTIMORE	BDS	30000101DTS	APP

Percent new IX = 0.0323%

Result key: 16  
 Scenario 3 Affected station 14  
 Before Analysis

Results for: 44A MD HAGERSTOWN BLEDT 20110509ACP LIC  
 HAAT 369.0 m, ATV ERP 500.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1676168	24553.5
not affected by terrain losses	1351683	19300.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	115032	442.3
lost to ATV IX only	115032	442.3
lost to all IX	115032	442.3

Potential Interfering Stations Included in above Scenario 3



43	WSFN-BW	BALTIMORE MD	160.8	PLN	DTVPLN	-DTVP2000
43	WSFN-BW	BALTIMORE MD	160.8	APP	BDTS	-30000101DTS
43	WSFN-BW	BALTIMORE MD	211.4	APP	BDTS	-30000101DTS

Proposal causes no interference

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Analysis of Interference to Affected Station 16

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
44	WCVW	RICHMOND VA	BLEDT	-20080820ABK

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
44	WDPB	SEAFORD DE	215.4	LIC	BLEDT	-20050624AAK
44	WWPB	HAGERSTOWN MD	239.9	LIC	BLEDT	-20110509ACP
44	WUNG-TV	CONCORD NC	360.1	LIC	BLEDT	-20100812ABM
44	WECT	WILMINGTON NC	379.5	LIC	BLCDT	-20081031ABJ
44	WMCN-TV	ATLANTIC CITY NJ	343.4	LIC	BLCDT	-20060707ACS
43	WSFN-BW	BALTIMORE MD	219.0	PLN	DTVPLN	-DTVP2000
43	WSFN-BW	BALTIMORE MD	219.0	APP	BDTS	-30000101DTS
43	WSFN-BW	BALTIMORE MD	165.0	APP	BDTS	-30000101DTS

Proposed station is beyond the site to nearest cell evaluation distance

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Analysis of Interference to Affected Station 17

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
47	WMDO-CD	WASHINGTON DC	BLTTA	-20080428AAQ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
39	WJAL	HAGERSTOWN MD	130.2	LIC	BLCDT	-20090804ACD
39	WJAL-DR	SILVER SPRING MD	0.0	APP	BPRM	-20060424AEX
40	WNUV	BALTIMORE MD	57.7	LIC	BMLCDT	-20110131ASB
44	WDPB	SEAFORD DE	131.2	LIC	BLEDT	-20050624AAK
44	WWPB	HAGERSTOWN MD	110.0	LIC	BLEDT	-20110509ACP
46	WBFF	BALTIMORE MD	57.7	LIC	BLCDT	-20110131ASE
47	WMDT	SALISBURY MD	126.5	LIC	BLCDT	-20090319ADC
47	WYDO-DR	GREENVILLE NC	389.3	APP	BPRM	-20080620AOY
47	WPMT	YORK PA	127.8	LIC	BMLCDT	-20041025ABI

47	WUPV	ASHLAND VA	134.0	LIC	BLCDT	-20060210ABA
47	WAZW-CD	WINCHESTER VA	92.8	APP	BDISDTL	-20140328ALB
48	WRC-TV	WASHINGTON DC	0.0	LIC	BLCDT	-20000216AAT
49	WHSV-TV	HARRISONBURG VA	139.6	LIC	BLCDT	-20060413ACO
50	WDCW	WASHINGTON DC	5.4	LIC	BLCDT	-20101109AAT
43	WSFN-BW	BALTIMORE MD	57.7	PLN	DTVPLN	-DTVP2000
43	WSFN-BW	BALTIMORE MD	57.7	APP	BDTS	-30000101DTS
43	WSFN-BW	BALTIMORE MD	0.0	APP	BDTS	-30000101DTS

Proposal causes no interference

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Analysis of Interference to Affected Station 18

Analysis of current record

DTS STATION

Channel	Call	City/State	Application	Ref. No.
43	WSFN-BW	BALTIMORE MD	BDTS	-30000101DTS

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
42	WMPT	ANNAPOLIS MD	41.6	LIC	BLEDT	-20100813BHC
42	WTFX-TV	PHILADELPHIA PA	199.9	LIC	BLCDT	-20120511ADN
42	WCVE-TV	RICHMOND VA	165.1	LIC	BLCDT	-20050606AHG
43	WNJT	TRENTON NJ	253.6	LIC	BLEDT	-20110427ABE
43	WPGH-TV	PITTSBURGH PA	303.8	LIC	BMLCDT	-20121018AAY
44	WDPB	SEAFORD DE	131.2	LIC	BLEDT	-20050624AAK
44	WWPB	HAGERSTOWN MD	110.0	LIC	BLEDT	-20110509ACP
44	WMCN-TV	ATLANTIC CITY NJ	211.4	LIC	BLCDT	-20060707ACS
44	WCVW	RICHMOND VA	165.0	LIC	BLEDT	-20080820ABK

Total scenarios = 1

Result key: 17  
Scenario 1 Affected station 18  
Before Analysis

Results for: 43A MD BALTIMORE BDTS 30000101DTS APP  
HAAT 320.0 m, ATV ERP 800.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	7308022	22321.6
not affected by terrain losses	7255853	22020.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	86321	883.9
lost to ATV IX only	86321	883.9
lost to all IX	86321	883.9

Potential Interfering Stations Included in above Scenario 1

42A MD ANNAPOLIS	BLEDT	20100813BHC	LIC
43A NJ TRENTON	BLEDT	20110427ABE	LIC
43A PA PITTSBURGH	BMLCDT	20121018AAY	LIC
44A MD HAGERSTOWN	BLEDT	20110509ACP	LIC

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