

Percent allowed new interference: 0.500  
 Percent allowed new interference to non Class A LPTV: 2.000  
 Census data selected 2000  
 Data Base Selected  
 ./data\_files/pt\_tvdb.sff  
 TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 12-14-2011 Time: 16:21:58

Record Selected for Analysis (Record is a DTS)

CVIL BPEDT -20111212ABK STAUNTON VA US  
 Channel 11 ERP 0.10 kW HAAT 00328 m RCAMSL 00495 m  
 Latitude 037-59-00 Longitude 0078-29-02  
 Status AP Zone 1 Border Site number: 01  
 Dir Antenna Make CDB Model 00000000078975 Beam tilt N Ref Azimuth 0.0  
 Elevation Antenna Pattern ID: 123  
 Last update 00000000 Cutoff date 00000000 Docket  
 Comments  
 Applicant SHENANDOAH VALLEY EDUCATIONAL TELEVI

MONT BPEDT -20111212ABK STAUNTON VA US  
 Channel 11 ERP 0.01 kW HAAT 00457 m RCAMSL 01338 m  
 Latitude 038-20-39 Longitude 0079-35-47  
 Status AP Zone 1 Border Site number: 02  
 Dir Antenna Make CDB Model 00000000077677 Beam tilt N Ref Azimuth 345.0  
 Elevation Antenna Pattern ID: 124  
 Last update 00000000 Cutoff date 00000000 Docket  
 Comments  
 Applicant SHENANDOAH VALLEY EDUCATIONAL TELEVI

MAIN BPEDT -20111212ABK STAUNTON VA US  
 Channel 11 ERP 10.0 kW HAAT 00680 m RCAMSL 01333 m  
 Latitude 038-09-54 Longitude 0079-18-51  
 Status AP Zone 1 Border Site number: 03  
 Dir Antenna Make CDB Model 000000000107753 Beam tilt N Ref Azimuth 0.0  
 Elevation Antenna Pattern ID: 122  
 Last update 00000000 Cutoff date 00000000 Docket  
 Comments  
 Applicant SHENANDOAH VALLEY EDUCATIONAL TELEVI

Cell Size for Service Analysis 2.0 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

Facility (site # 03) does not meet maximum height/power limits  
 Channel 11 ERP = 10.00 HAAT = 680.

Site number	1		
Azimuth	ERP	HAAT	36.0 dBu F(50, 90)
(Deg)	(kW)	(m)	(km)
0.0	0.098	357.1	61.1
45.0	0.029	264.2	46.6

90.0	0.000	378.9	16.9
135.0	0.001	353.7	29.6
180.0	0.000	350.8	21.3
225.0	0.001	324.8	28.5
270.0	0.000	273.5	13.9
315.0	0.029	321.6	50.0

Site number 2			
Azimuth (Deg)	ERP (kW)	HAAT (m)	36.0 dBu F(50, 90) (km)
0.0	0.008	401.6	44.5
45.0	0.000	268.2	13.8
90.0	0.000	570.8	20.9
135.0	0.000	651.1	23.0
180.0	0.000	580.4	21.2
225.0	0.000	497.9	19.0
270.0	0.000	386.1	17.1
315.0	0.004	320.9	34.3

Database HAAT does not agree with computed HAAT  
 Database HAAT: 457 Computed HAAT: 460

Site number 3			
Azimuth (Deg)	ERP (kW)	HAAT (m)	36.0 dBu F(50, 90) (km)
0.0	0.009	685.0	57.2
45.0	0.649	683.0	92.0
90.0	7.043	778.4	114.3
135.0	6.071	709.4	111.5
180.0	5.173	722.7	110.4
225.0	5.762	619.0	108.4
270.0	0.049	657.0	69.8
315.0	0.006	609.3	52.2

Database HAAT does not agree with computed HAAT  
 Database HAAT: 680 Computed HAAT: 683

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

No Spacing violations or contour overlap  
 to Class A stations from site # 02

Evaluation toward Class A Stations from site # 03

No Spacing violations or contour overlap  
 to Class A stations from site # 03

Class A Evaluation Complete

SPACING VIOLATION FOUND BETWEEN STATION

CVIL 11 STAUNTON VA BPEDT 20111212ABK Site # 01

and station

SHORT TO: WBAL-TV 11 BALTIMORE MD BLCDT 20090619ABW  
039-20- 5 0076-39- 3  
Req. separation 244.6 Actual separation 219.0 Short 25.6 km

SHORT TO: WBAL-TV 11 BALTIMORE MD BPCDT 20100429AAF  
039-20- 5 0076-39- 3  
Req. separation 244.6 Actual separation 219.0 Short 25.6 km

SHORT TO: WVPT 11 STAUNTON VA BPEDT 20081022ABK  
038-09-54 0079-18-51  
Req. separation 244.6 Actual separation 75.6 Short 169.0 km

SHORT TO: WVPT 11 STAUNTON VA DTVPLN DTVP0338  
38 -09-54 79 -18-51  
Req. separation 244.6 Actual separation 75.6 Short 169.0 km

SHORT TO: WVPT 11 STAUNTON VA BLEDT 20021220ADX  
038-09-54 0079-18-51  
Req. separation 244.6 Actual separation 75.6 Short 169.0 km

SHORT TO: WWBT 12 RICHMOND VA BLCDT 20090803ABS  
037-30-23 0077-30-12  
Req. separation => 20.0 <= 110.0 Actual separation 101.3 Short 8.7( 81.3)  
km

SPACING VIOLATION FOUND BETWEEN STATION

MONT 11 STAUNTON VA BPEDT 20111212ABK Site # 02

and station

SHORT TO: WPCW 11 JEANNETTE PA BMPCDT 20080616ABM  
040-29-38 0080-01- 9  
Req. separation 244.6 Actual separation 241.4 Short 3.2 km

SHORT TO: WPCW 11 JEANNETTE PA BLCDT 20090626AAT  
040-29-38 0080-01- 9  
Req. separation 244.6 Actual separation 241.4 Short 3.2 km

SHORT TO: WVPT 11 STAUNTON VA BPEDT 20081022ABK  
038-09-54 0079-18-51  
Req. separation 244.6 Actual separation 31.7 Short 212.9 km

SHORT TO: WVPT 11 STAUNTON VA DTVPLN DTVP0338  
38 -09-54 79 -18-51  
Req. separation 244.6 Actual separation 31.7 Short 212.9 km

SHORT TO: WVPT 11 STAUNTON VA BLEDT 20021220ADX  
038-09-54 0079-18-51  
Req. separation 244.6 Actual separation 31.7 Short 212.9 km

SPACING VIOLATION FOUND BETWEEN STATION

MAIN 11 STAUNTON VA BPEDT 20111212ABK Site # 03

and station

SHORT TO: WVPT 11 STAUNTON VA BPEDT 20081022ABK  
038-09-54 0079-18-51  
Req. separation 244.6 Actual separation 0.0 Short 244.6 km

SHORT TO: WVPT 11 STAUNTON VA DTVPLN DTVP0338  
38 -09-54 79 -18-51  
Req. separation 244.6 Actual separation 0.0 Short 244.6 km

SHORT TO: WVPT 11 STAUNTON VA BLEDT 20021220ADX  
038-09-54 0079-18-51  
Req. separation 244.6 Actual separation 0.0 Short 244.6 km

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

Checks to Site Number 02

Proposed facility OK to FCC Monitoring Stations  
Proposed facility within 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 03

Proposed facility OK to FCC Monitoring Stations

Proposed facility within 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	ARN
11	Call CVIL City/State STAUNTON VA	BPEDT 20111212ABK

### Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
10	WAZT-CA	WOODSTOCK VA	109.1	LIC	BLTVA	20030718ADF
10	WVFX	CLARKSBURG WV	217.9	LIC	BLCDDT	20090612AJY
10	WSPV-TV	GRANDVIEW WV	219.8	LIC	BLEDT	20100210AAQ
10	WSPV-TV	GRANDVIEW WV	219.8	APP	BDSTA	20080225AGT
11	WBAL-TV	BALTIMORE MD	218.8	LIC	BLCDDT	20090619ABW
11	WBAL-TV	BALTIMORE MD	218.8	CP	BPCDDT	20100429AAF
11	WTVI	CHARLOTTE NC	358.8	LIC	BLEDT	20101222ABA
11	WTVB	DURHAM NC	257.4	LIC	BLCDDT	20100929AGW
11	WPCW	JEANNETTE PA	308.8	CP MOD	BMPCDDT	20080616ABM
11	WPCW	JEANNETTE PA	308.8	LIC	BLCDDT	20090626AAT
11	WBRE-TV	WILKES-BARRE PA	420.0	LIC	BLCDDT	20051123AJX
11	WJHL-TV	JOHNSON CITY TN	366.5	LIC	BLCDDT	20100910AAC
12	WWBT	RICHLAND VA	101.2	LIC	BLCDDT	20090803ABS
12	WBOY-TV	CLARKSBURG WV	215.9	LIC	BLCDDT	20090227ABW
12	WWPX-TV	MARTINSBURG WV	167.8	LIC	BLCDDT	20021108AAX

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### Analysis of Interference to Affected Station 1

#### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
10	WAZT-CA	WOODSTOCK VA	BLTVA	-20030718ADF

### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
09	WUSA	WASHINGTON DC	116.7	LIC	BLCDDT	-20110314ACQ
09	W09CT-D	MATHIAS, ETC. WV	43.6	LIC	BLDTV	-20090121AGY

10	WOI O	SHAKER HEIGHTS OH	386.6	LIC	BLCDT	-19991110AAR
10	WOI O	SHAKER HEIGHTS OH	386.6	CP	BPCDT	-20080620AKW
10	WHTM-TV	HARRISBURG PA	196.5	LIC	BLCDT	-20040812AAH
10	WHTM-TV	HARRISBURG PA	196.5	CP	BPCDT	-20080620AGL
10	WVFX	CLARKSBURG WV	169.2	LIC	BLCDT	-20090612AJY
10	WSPV-TV	GRANDVIEW WV	252.5	LIC	BLEDT	-20100210AAQ
10	WSPV-TV	GRANDVIEW WV	252.5	APP	BDSTA	-20080225AGT
11	WVPT	STAUNTON VA	117.5	CP	BPEDT	-20081022ABK
11	WVPT	STAUNTON VA	117.5	PLN	DTVPLN	-DTVP0338
11	WVPT	STAUNTON VA	117.5	LIC	BLEDT	-20021220ADX
11	CVIL	STAUNTON VA	109.1	AP	BPEDT	-20111212ABK
11	MONT	STAUNTON VA	122.5	AP	BPEDT	-20111212ABK
11	MAIN	STAUNTON VA	117.5	AP	BPEDT	-20111212ABK

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.
10	WVFX	CLARKSBURG WV	BLCDT	-20090612AJY

### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
09	WTOV-TV	STEUBENVILLE OH	118.2	LIC	BLCDT	-20090507AAC
09	WTOV-TV	STEUBENVILLE OH	118.2	CP	BPCDT	-20110308ABN
10	WOI O	SHAKER HEIGHTS OH	258.7	LIC	BLCDT	-19991110AAR
10	WOI O	SHAKER HEIGHTS OH	258.7	CP	BPCDT	-20080620AKW
10	WHTM-TV	HARRISBURG PA	310.9	LIC	BLCDT	-20040812AAH
10	WHTM-TV	HARRISBURG PA	310.9	CP	BPCDT	-20080620AGL
10	WSPV-TV	GRANDVIEW WV	165.9	LIC	BLEDT	-20100210AAQ
10	WSPV-TV	GRANDVIEW WV	165.9	APP	BDSTA	-20080225AGT
11	WPCW	JEANNETTE PA	135.5	CP MOD	BMPCDT	-20080616ABM
11	WPCW	JEANNETTE PA	135.5	LIC	BLCDT	-20090626AAT
11	WVPT	STAUNTON VA	154.6	PLN	DTVPLN	-DTVP0338
11	CVIL	STAUNTON VA	217.9	AP	BPEDT	-20111212ABK
11	MONT	STAUNTON VA	124.4	AP	BPEDT	-20111212ABK

11 MAIN STAUNTON VA 154.6 AP BPEDT -20111212ABK

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.
10	WSWP-TV	GRANDVIEW WV	BLEDT	-20100210AAQ

##### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
10	WNCT-TV	GREENVILLE NC	426.5	LIC	BLCDDT	-20110504ACA
10	WOIO	SHAKER HEIGHTS OH	392.7	LIC	BLCDDT	-19991110AAR
10	WOIO	SHAKER HEIGHTS OH	392.7	CP	BPCDDT	-20080620AKW
10	WIS	COLUMBIA SC	419.7	LIC	BLCDDT	-20090624ABZ
10	WBIR-TV	KNOXVILLE TN	335.9	LIC	BLCDDT	-20090619ADG
10	WVFX	CLARKSBURG WV	165.9	LIC	BLCDDT	-20090612AJY
11	WJHL-TV	JOHNSON CITY TN	191.9	LIC	BLCDDT	-20100910AAC
11	WVPT	STAUNTON VA	149.7	PLN	DTVPLN	-DTVP0338
11	CVIL	STAUNTON VA	219.8	AP	BPEDT	-20111212ABK
11	MONT	STAUNTON VA	131.6	AP	BPEDT	-20111212ABK
11	MAIN	STAUNTON VA	149.7	AP	BPEDT	-20111212ABK

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.
10	WSWP-TV	GRANDVIEW WV	BDSTA	-20080225AGT

##### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
10	WNCT-TV	GREENVILLE NC	426.5	LIC	BLCDDT	-20110504ACA
10	WOIO	SHAKER HEIGHTS OH	392.7	LIC	BLCDDT	-19991110AAR
10	WOIO	SHAKER HEIGHTS OH	392.7	CP	BPCDDT	-20080620AKW
10	WIS	COLUMBIA SC	419.7	LIC	BLCDDT	-20090624ABZ
10	WBIR-TV	KNOXVILLE TN	335.9	LIC	BLCDDT	-20090619ADG
10	WVFX	CLARKSBURG WV	165.9	LIC	BLCDDT	-20090612AJY

11	WJHL-TV	JOHNSON CITY TN	191.9	LIC	BLCDT	-20100910AAC
11	WVPT	STAUNTON VA	149.7	PLN	DTVPLN	-DTVP0338
11	CVIL	STAUNTON VA	219.8	AP	BPEDT	-20111212ABK
11	MONT	STAUNTON VA	131.6	AP	BPEDT	-20111212ABK
11	MAIN	STAUNTON VA	149.7	AP	BPEDT	-20111212ABK

Proposed station is beyond the site to  
nearest cell evaluation distance

#####

#### Analysis of Interference to Affected Station 5

##### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
11	WBAL-TV	BALTIMORE MD	BLCDT	-20090619ABW

##### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
10	WHTM-TV	HARRISBURG PA	112.0	LIC	BLCDT	-20040812AAH
10	WHTM-TV	HARRISBURG PA	112.0	CP	BPCDT	-20080620AGL
11	WPIX	NEW YORK NY	271.7	APP	BMPCDT	-20080620ALB
11	WPIX	NEW YORK NY	275.8	LIC	BLCDT	-20090911ABN
11	WPCW	JEANNETTE PA	314.7	CP MOD	BMPCDT	-20080616ABM
11	WPCW	JEANNETTE PA	314.7	LIC	BLCDT	-20090626AAT
11	WBRE-TV	WILKES-BARRE PA	215.7	LIC	BLCDT	-20051123AJX
11	WVPT	STAUNTON VA	264.9	PLN	DTVPLN	-DTVP0338
11	CVIL	STAUNTON VA	218.8	AP	BPEDT	-20111212ABK
11	MONT	STAUNTON VA	277.7	AP	BPEDT	-20111212ABK
11	MAIN	STAUNTON VA	264.9	AP	BPEDT	-20111212ABK
12	WHYY-TV	WILMINGTON DE	144.0	CP MOD	BMPCDT	-20091204ADC
12	WWBT	RICMOND VA	216.4	LIC	BLCDT	-20090803ABS
12	WWPX-TV	MARTINSBURG WV	122.2	LIC	BLCDT	-20021108AAX

Total scenarios = 8

Result key: 1  
Scenario 1 Affected station 5  
Before Analysis

Results for: 11A MD BALTIMORE BLCDT 20090619ABW LIC  
HAAT 299.0 m, ATV ERP 5.0 kW  
POPULATION AREA (sq km)  
within Noise Limited Contour 7449700 24125.2  
not affected by terrain losses 7175012 22901.0



lost to NTSC IX	0	0.0
lost to additional IX by ATV	217701	946.3
lost to ATV IX only	217701	946.3
lost to all IX	217701	946.3

Potential Interfering Stations Included in above Scenario 1

10A PA HARRISBURG	BLC DT	20040812AAH	LIC
11A NY NEW YORK	BLC DT	20090911ABN	LIC
11A PA JEANNETTE	BMPCDT	20080616ABM	CP
11A PA WILKES-BARRE	BLC DT	20051123AJX	LIC
12A WV MARTINSBURG	BLC DT	20021108AAX	LIC
11A VA STAUNTON	DTVPLN	DTVP0338	PLN

After Analysis

Results for: 11A MD BALTIMORE BLC DT 20090619ABW LIC  
 HAAT 299.0 m, ATV ERP 5.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	7449700	24125.2
not affected by terrain losses	7175012	22901.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	218333	958.4
lost to ATV IX only	218333	958.4
lost to all IX	218333	958.4

Potential Interfering Stations Included in above Scenario 1

10A PA HARRISBURG	BLC DT	20040812AAH	LIC
11A NY NEW YORK	BLC DT	20090911ABN	LIC
11A PA JEANNETTE	BMPCDT	20080616ABM	CP
11A PA WILKES-BARRE	BLC DT	20051123AJX	LIC
12A WV MARTINSBURG	BLC DT	20021108AAX	LIC
11A VA STAUNTON	BPEDT	20111212ABK	AP

Percent new IX = 0.0091%

Result key: 2  
 Scenario 2 Affected station 5  
 Before Analysis

Results for: 11A MD BALTIMORE BLC DT 20090619ABW LIC  
 HAAT 299.0 m, ATV ERP 5.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	7449700	24125.2
not affected by terrain losses	7175012	22901.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	217701	946.3
lost to ATV IX only	217701	946.3
lost to all IX	217701	946.3

Potential Interfering Stations Included in above Scenario 2

10A PA HARRISBURG	BLC DT	20040812AAH	LIC
11A NY NEW YORK	BLC DT	20090911ABN	LIC
11A PA JEANNETTE	BLC DT	20090626AAT	LIC
11A PA WILKES-BARRE	BLC DT	20051123AJX	LIC
12A WV MARTINSBURG	BLC DT	20021108AAX	LIC
11A VA STAUNTON	DTVPLN	DTVP0338	PLN

After Analysis

Results for: 11A MD BALTIMORE BLC DT 20090619ABW LIC  
 HAAT 299.0 m, ATV ERP 5.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	7449700	24125.2
not affected by terrain losses	7175012	22901.0
lost to NTSC IX	0	0.0

lost to additional IX by ATV	218333	958.4
lost to ATV IX only	218333	958.4
lost to all IX	218333	958.4

Potential Interfering Stations Included in above Scenario 2

10A PA HARRISBURG	BLCDT	20040812AAH	LIC
11A NY NEW YORK	BLCDT	20090911ABN	LIC
11A PA JEANNETTE	BLCDT	20090626AAT	LIC
11A PA WILKES-BARRE	BLCDT	20051123AJX	LIC
12A WV MARTINSBURG	BLCDT	20021108AAX	LIC
11A VA STAUNTON	BPEDT	20111212ABK	AP

Percent new IX = 0.0091%

Result key: 3  
 Scenario 3 Affected station 5  
 Before Analysis

Results for: 11A MD BALTIMORE BLCDT 20090619ABW LIC  
 HAAT 299.0 m, ATV ERP 5.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	7449700	24125.2
not affected by terrain losses	7175012	22901.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	228326	974.5
lost to ATV IX only	228326	974.5
lost to all IX	228326	974.5

Potential Interfering Stations Included in above Scenario 3

10A PA HARRISBURG	BPCDT	20080620AGL	CP
11A NY NEW YORK	BLCDT	20090911ABN	LIC
11A PA JEANNETTE	BMPCDT	20080616ABM	CP
11A PA WILKES-BARRE	BLCDT	20051123AJX	LIC
12A WV MARTINSBURG	BLCDT	20021108AAX	LIC
11A VA STAUNTON	DTVPLN	DTVP0338	PLN

After Analysis

Results for: 11A MD BALTIMORE BLCDT 20090619ABW LIC  
 HAAT 299.0 m, ATV ERP 5.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	7449700	24125.2
not affected by terrain losses	7175012	22901.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	228958	986.6
lost to ATV IX only	228958	986.6
lost to all IX	228958	986.6

Potential Interfering Stations Included in above Scenario 3

10A PA HARRISBURG	BPCDT	20080620AGL	CP
11A NY NEW YORK	BLCDT	20090911ABN	LIC
11A PA JEANNETTE	BMPCDT	20080616ABM	CP
11A PA WILKES-BARRE	BLCDT	20051123AJX	LIC
12A WV MARTINSBURG	BLCDT	20021108AAX	LIC
11A VA STAUNTON	BPEDT	20111212ABK	AP

Percent new IX = 0.0091%

Result key: 4  
 Scenario 4 Affected station 5  
 Before Analysis

Results for: 11A MD BALTIMORE BLCDT 20090619ABW LIC  
 HAAT 299.0 m, ATV ERP 5.0 kW

	POPULATION	AREA (sq km)
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within Noise Limited Contour	7449700	24125.2
not affected by terrain losses	7175012	22901.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	228326	974.5
lost to ATV IX only	228326	974.5
lost to all IX	228326	974.5

Potential Interfering Stations Included in above Scenario 4

10A PA HARRISBURG	BPCDT	20080620AGL	CP
11A NY NEW YORK	BLCDT	20090911ABN	LIC
11A PA JEANNETTE	BLCDT	20090626AAT	LIC
11A PA WILKES-BARRE	BLCDT	20051123AJX	LIC
12A WV MARTINSBURG	BLCDT	20021108AAX	LIC
11A VA STAUNTON	DTVPLN	DTVP0338	PLN

After Analysis

Results for: 11A MD BALTIMORE BLCDT 20090619ABW LIC  
 HAAT 299.0 m, ATV ERP 5.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	7449700	24125.2
not affected by terrain losses	7175012	22901.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	228958	986.6
lost to ATV IX only	228958	986.6
lost to all IX	228958	986.6

Potential Interfering Stations Included in above Scenario 4

10A PA HARRISBURG	BPCDT	20080620AGL	CP
11A NY NEW YORK	BLCDT	20090911ABN	LIC
11A PA JEANNETTE	BLCDT	20090626AAT	LIC
11A PA WILKES-BARRE	BLCDT	20051123AJX	LIC
12A WV MARTINSBURG	BLCDT	20021108AAX	LIC
11A VA STAUNTON	BPEDT	20111212ABK	AP

Percent new IX = 0.0091%

Result key: 5  
 Scenario 5 Affected station 5  
 Before Analysis

Results for: 11A MD BALTIMORE BLCDT 20090619ABW LIC  
 HAAT 299.0 m, ATV ERP 5.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	7449700	24125.2
not affected by terrain losses	7175012	22901.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	217359	942.3
lost to ATV IX only	217359	942.3
lost to all IX	217359	942.3

Potential Interfering Stations Included in above Scenario 5

10A PA HARRISBURG	BLCDT	20040812AAH	LIC
11A NY NEW YORK	BMPCDT	20080620ALB	APP
11A PA JEANNETTE	BMPCDT	20080616ABM	CP
11A PA WILKES-BARRE	BLCDT	20051123AJX	LIC
12A WV MARTINSBURG	BLCDT	20021108AAX	LIC
11A VA STAUNTON	DTVPLN	DTVP0338	PLN

After Analysis

Results for: 11A MD BALTIMORE BLCDT 20090619ABW LIC  
 HAAT 299.0 m, ATV ERP 5.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	7449700	24125.2

not affected by terrain losses	7175012	22901.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	217991	954.4
lost to ATV IX only	217991	954.4
lost to all IX	217991	954.4

Potential Interfering Stations Included in above Scenario 5

10A PA HARRISBURG	BLC DT	20040812AAH	LIC
11A NY NEW YORK	BMPCDT	20080620ALB	APP
11A PA JEANNETTE	BMPCDT	20080616ABM	CP
11A PA WILKES-BARRE	BLC DT	20051123AJX	LIC
12A WV MARTINSBURG	BLC DT	20021108AAX	LIC
11A VA STAUNTON	BPEDT	20111212ABK	AP

Percent new IX = 0.0091%

Result key: 6  
Scenario 6 Affected station 5  
Before Analysis

Results for: 11A MD BALTIMORE BLC DT 20090619ABW LIC  
HAAT 299.0 m, ATV ERP 5.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	7449700	24125.2
not affected by terrain losses	7175012	22901.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	217359	942.3
lost to ATV IX only	217359	942.3
lost to all IX	217359	942.3

Potential Interfering Stations Included in above Scenario 6

10A PA HARRISBURG	BLC DT	20040812AAH	LIC
11A NY NEW YORK	BMPCDT	20080620ALB	APP
11A PA JEANNETTE	BLC DT	20090626AAT	LIC
11A PA WILKES-BARRE	BLC DT	20051123AJX	LIC
12A WV MARTINSBURG	BLC DT	20021108AAX	LIC
11A VA STAUNTON	DTVPLN	DTVP0338	PLN

After Analysis

Results for: 11A MD BALTIMORE BLC DT 20090619ABW LIC  
HAAT 299.0 m, ATV ERP 5.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	7449700	24125.2
not affected by terrain losses	7175012	22901.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	217991	954.4
lost to ATV IX only	217991	954.4
lost to all IX	217991	954.4

Potential Interfering Stations Included in above Scenario 6

10A PA HARRISBURG	BLC DT	20040812AAH	LIC
11A NY NEW YORK	BMPCDT	20080620ALB	APP
11A PA JEANNETTE	BLC DT	20090626AAT	LIC
11A PA WILKES-BARRE	BLC DT	20051123AJX	LIC
12A WV MARTINSBURG	BLC DT	20021108AAX	LIC
11A VA STAUNTON	BPEDT	20111212ABK	AP

Percent new IX = 0.0091%

Result key: 7  
Scenario 7 Affected station 5  
Before Analysis

Results for: 11A MD BALTIMORE BLC DT 20090619ABW LIC

HAAT 299.0 m, ATV ERP 5.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	7449700	24125.2
not affected by terrain losses	7175012	22901.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	227984	970.5
lost to ATV IX only	227984	970.5
lost to all IX	227984	970.5

Potential Interfering Stations Included in above Scenario 7

10A PA HARRISBURG	BPCDT	20080620AGL	CP
11A NY NEW YORK	BMPCDT	20080620ALB	APP
11A PA JEANNETTE	BMPCDT	20080616ABM	CP
11A PA WILKES-BARRE	BLCDT	20051123AJX	LIC
12A WV MARTINSBURG	BLCDT	20021108AAX	LIC
11A VA STAUNTON	DTVPLN	DTVP0338	PLN

After Analysis

Results for: 11A MD BALTIMORE BLCDT 20090619ABW LIC

HAAT 299.0 m, ATV ERP 5.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	7449700	24125.2
not affected by terrain losses	7175012	22901.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	228616	982.6
lost to ATV IX only	228616	982.6
lost to all IX	228616	982.6

Potential Interfering Stations Included in above Scenario 7

10A PA HARRISBURG	BPCDT	20080620AGL	CP
11A NY NEW YORK	BMPCDT	20080620ALB	APP
11A PA JEANNETTE	BMPCDT	20080616ABM	CP
11A PA WILKES-BARRE	BLCDT	20051123AJX	LIC
12A WV MARTINSBURG	BLCDT	20021108AAX	LIC
11A VA STAUNTON	BPEDT	20111212ABK	AP

Percent new IX = 0.0091%

Result key: 8  
Scenario 8 Affected station 5  
Before Analysis

Results for: 11A MD BALTIMORE BLCDT 20090619ABW LIC

HAAT 299.0 m, ATV ERP 5.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	7449700	24125.2
not affected by terrain losses	7175012	22901.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	227984	970.5
lost to ATV IX only	227984	970.5
lost to all IX	227984	970.5

Potential Interfering Stations Included in above Scenario 8

10A PA HARRISBURG	BPCDT	20080620AGL	CP
11A NY NEW YORK	BMPCDT	20080620ALB	APP
11A PA JEANNETTE	BLCDT	20090626AAT	LIC
11A PA WILKES-BARRE	BLCDT	20051123AJX	LIC
12A WV MARTINSBURG	BLCDT	20021108AAX	LIC
11A VA STAUNTON	DTVPLN	DTVP0338	PLN

After Analysis

Results for: 11A MD BALTIMORE BLCDT 20090619ABW LIC

HAAT 299.0 m, ATV ERP 5.0 kW

	POPULATION	AREA (sq. km)
within Noise Limited Contour	7449700	24125.2
not affected by terrain losses	7175012	22901.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	228616	982.6
lost to ATV IX only	228616	982.6
lost to all IX	228616	982.6

Potential Interfering Stations Included in above Scenario 8

10A PA HARRISBURG	BPCDT	20080620AGL	CP
11A NY NEW YORK	BMPCDT	20080620ALB	APP
11A PA JEANNETTE	BLCDT	20090626AAT	LIC
11A PA WILKES-BARRE	BLCDT	20051123AJX	LIC
12A WV MARTINSBURG	BLCDT	20021108AAX	LIC
11A VA STAUNTON	BPEDT	20111212ABK	AP

Percent new IX = 0.0091%

Worst case new IX 0.0091% Scenario 3

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Analysis of Interference to Affected Station 6

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
11	WBAL-TV	BALTIMORE MD	BPCDT	-20100429AAF

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
10	WHTM-TV	HARRISBURG PA	112.0	LIC	BLCDT	-20040812AAH
10	WHTM-TV	HARRISBURG PA	112.0	CP	BPCDT	-20080620AGL
11	WPIX	NEW YORK NY	271.7	APP	BMPCDT	-20080620ALB
11	WPIX	NEW YORK NY	275.8	LIC	BLCDT	-20090911ABN
11	WPCW	JEANNETTE PA	314.7	CP MOD	BMPCDT	-20080616ABM
11	WPCW	JEANNETTE PA	314.7	LIC	BLCDT	-20090626AAT
11	WBRE-TV	WILKES-BARRE PA	215.7	LIC	BLCDT	-20051123AJX
11	WVPT	STAUNTON VA	264.9	PLN	DTVPLN	-DTVP0338
11	CVIL	STAUNTON VA	218.8	AP	BPEDT	-20111212ABK
11	MONT	STAUNTON VA	277.7	AP	BPEDT	-20111212ABK
11	MAIN	STAUNTON VA	264.9	AP	BPEDT	-20111212ABK
12	WHYY-TV	WILMINGTON DE	144.0	CP MOD	BMPCDT	-20091204ADC
12	WWBT	RICHMOND VA	216.4	LIC	BLCDT	-20090803ABS
12	WWPX-TV	MARTINSBURG WV	122.2	LIC	BLCDT	-20021108AAX

Total scenarios = 8

Result key: 9  
Scenario 1 Affected station 6

## Before Analysis

Results for: 11A MD BALTIMORE BPCDT 20100429AAF CP  
 HAAT 299.0 m, ATV ERP 26.6 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	8596693	31809.2
not affected by terrain losses	8300862	29972.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	388635	1461.8
lost to ATV IX only	388635	1461.8
lost to all IX	388635	1461.8

Potential Interfering Stations Included in above Scenario 1

10A PA HARRISBURG	BLC DT	20040812AAH	LIC
11A NY NEW YORK	BLC DT	20090911ABN	LIC
11A PA JEANNETTE	BMPCDT	20080616ABM	CP
11A PA WILKES-BARRE	BLC DT	20051123AJX	LIC
12A DE WILMINGTON	BMPEDT	20091204ADC	CP
12A WV MARTINSBURG	BLC DT	20021108AAX	LIC
11A VA STAUNTON	DTVPLN	DTVP0338	PLN

## After Analysis

Results for: 11A MD BALTIMORE BPCDT 20100429AAF CP  
 HAAT 299.0 m, ATV ERP 26.6 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	8596693	31809.2
not affected by terrain losses	8300862	29972.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	391579	1498.0
lost to ATV IX only	391579	1498.0
lost to all IX	391579	1498.0

Potential Interfering Stations Included in above Scenario 1

10A PA HARRISBURG	BLC DT	20040812AAH	LIC
11A NY NEW YORK	BLC DT	20090911ABN	LIC
11A PA JEANNETTE	BMPCDT	20080616ABM	CP
11A PA WILKES-BARRE	BLC DT	20051123AJX	LIC
12A DE WILMINGTON	BMPEDT	20091204ADC	CP
12A WV MARTINSBURG	BLC DT	20021108AAX	LIC
11A VA STAUNTON	BPEDT	20111212ABK	AP

Percent new IX = 0.0372%

Result key: 10  
 Scenario 2 Affected station 6  
 Before Analysis

Results for: 11A MD BALTIMORE BPCDT 20100429AAF CP  
 HAAT 299.0 m, ATV ERP 26.6 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	8596693	31809.2
not affected by terrain losses	8300862	29972.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	388635	1461.8
lost to ATV IX only	388635	1461.8
lost to all IX	388635	1461.8

Potential Interfering Stations Included in above Scenario 2

10A PA HARRISBURG	BLC DT	20040812AAH	LIC
11A NY NEW YORK	BLC DT	20090911ABN	LIC
11A PA JEANNETTE	BLC DT	20090626AAT	LIC
11A PA WILKES-BARRE	BLC DT	20051123AJX	LIC
12A DE WILMINGTON	BMPEDT	20091204ADC	CP
12A WV MARTINSBURG	BLC DT	20021108AAX	LIC

11A VA STAUNTON DTVPLN DTVP0338 PLN

After Analysis

Results for: 11A MD BALTIMORE BPCDT 20100429AAF CP  
HAAT 299.0 m, ATV ERP 26.6 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	8596693	31809.2
not affected by terrain losses	8300862	29972.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	391579	1498.0
lost to ATV IX only	391579	1498.0
lost to all IX	391579	1498.0

Potential Interfering Stations Included in above Scenario 2

10A PA HARRISBURG	BLCDT	20040812AAH	LIC
11A NY NEW YORK	BLCDT	20090911ABN	LIC
11A PA JEANNETTE	BLCDT	20090626AAT	LIC
11A PA WILKES-BARRE	BLCDT	20051123AJX	LIC
12A DE WILMINGTON	BMPEDT	20091204ADC	CP
12A WV MARTINSBURG	BLCDT	20021108AAX	LIC
11A VA STAUNTON	BPEDT	20111212ABK	AP

Percent new IX = 0.0372%

Result key: 11  
Scenario 3 Affected station 6  
Before Analysis

Results for: 11A MD BALTIMORE BPCDT 20100429AAF CP  
HAAT 299.0 m, ATV ERP 26.6 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	8596693	31809.2
not affected by terrain losses	8300862	29972.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	396820	1514.2
lost to ATV IX only	396820	1514.2
lost to all IX	396820	1514.2

Potential Interfering Stations Included in above Scenario 3

10A PA HARRISBURG	BPCDT	20080620AGL	CP
11A NY NEW YORK	BLCDT	20090911ABN	LIC
11A PA JEANNETTE	BMPEDT	20080616ABM	CP
11A PA WILKES-BARRE	BLCDT	20051123AJX	LIC
12A DE WILMINGTON	BMPEDT	20091204ADC	CP
12A WV MARTINSBURG	BLCDT	20021108AAX	LIC
11A VA STAUNTON	DTVPLN	DTV0338	PLN

After Analysis

Results for: 11A MD BALTIMORE BPCDT 20100429AAF CP  
HAAT 299.0 m, ATV ERP 26.6 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	8596693	31809.2
not affected by terrain losses	8300862	29972.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	399764	1550.4
lost to ATV IX only	399764	1550.4
lost to all IX	399764	1550.4

Potential Interfering Stations Included in above Scenario 3

10A PA HARRISBURG	BPCDT	20080620AGL	CP
11A NY NEW YORK	BLCDT	20090911ABN	LIC
11A PA JEANNETTE	BMPEDT	20080616ABM	CP
11A PA WILKES-BARRE	BLCDT	20051123AJX	LIC



12A DE WILMINGTON	BMPEDT	20091204ADC	CP
12A WV MARTINSBURG	BLCDT	20021108AAX	LIC
11A VA STAUNTON	BPEDT	20111212ABK	AP

Percent new IX = 0.0372%

Result key: 12  
Scenario 4 Affected station 6  
Before Analysis

Results for: 11A MD BALTIMORE BPCDT 20100429AAF CP  
HAAT 299.0 m, ATV ERP 26.6 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	8596693	31809.2
not affected by terrain losses	8300862	29972.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	396820	1514.2
lost to ATV IX only	396820	1514.2
lost to all IX	396820	1514.2

Potential Interfering Stations Included in above Scenario 4

10A PA HARRISBURG	BPCDT	20080620AGL	CP
11A NY NEW YORK	BLCDT	20090911ABN	LIC
11A PA JEANNETTE	BLCDT	20090626AAT	LIC
11A PA WILKES-BARRE	BLCDT	20051123AJX	LIC
12A DE WILMINGTON	BMPEDT	20091204ADC	CP
12A WV MARTINSBURG	BLCDT	20021108AAX	LIC
11A VA STAUNTON	DTVPLN	DTVP0338	PLN

After Analysis

Results for: 11A MD BALTIMORE BPCDT 20100429AAF CP  
HAAT 299.0 m, ATV ERP 26.6 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	8596693	31809.2
not affected by terrain losses	8300862	29972.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	399764	1550.4
lost to ATV IX only	399764	1550.4
lost to all IX	399764	1550.4

Potential Interfering Stations Included in above Scenario 4

10A PA HARRISBURG	BPCDT	20080620AGL	CP
11A NY NEW YORK	BLCDT	20090911ABN	LIC
11A PA JEANNETTE	BLCDT	20090626AAT	LIC
11A PA WILKES-BARRE	BLCDT	20051123AJX	LIC
12A DE WILMINGTON	BMPEDT	20091204ADC	CP
12A WV MARTINSBURG	BLCDT	20021108AAX	LIC
11A VA STAUNTON	BPEDT	20111212ABK	AP

Percent new IX = 0.0372%

Result key: 13  
Scenario 5 Affected station 6  
Before Analysis

Results for: 11A MD BALTIMORE BPCDT 20100429AAF CP  
HAAT 299.0 m, ATV ERP 26.6 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	8596693	31809.2
not affected by terrain losses	8300862	29972.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	386979	1449.7
lost to ATV IX only	386979	1449.7
lost to all IX	386979	1449.7

Potential Interfering Stations Included in above Scenario 5

10A PA HARRISBURG	BLCDT	20040812AAH	LIC
11A NY NEW YORK	BMPCDT	20080620ALB	APP
11A PA JEANNETTE	BMPCDT	20080616ABM	CP
11A PA WILKES-BARRE	BLCDT	20051123AJX	LIC
12A DE WILMINGTON	BMPEDT	20091204ADC	CP
12A WV MARTINSBURG	BLCDT	20021108AAX	LIC
11A VA STAUNTON	DTVPLN	DTVP0338	PLN

After Analysis

Results for: 11A MD BALTIMORE BPCDT 20100429AAF CP  
 HAAT 299.0 m, ATV ERP 26.6 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	8596693	31809.2
not affected by terrain losses	8300862	29972.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	389923	1486.0
lost to ATV IX only	389923	1486.0
lost to all IX	389923	1486.0

Potential Interfering Stations Included in above Scenario 5

10A PA HARRISBURG	BLCDT	20040812AAH	LIC
11A NY NEW YORK	BMPCDT	20080620ALB	APP
11A PA JEANNETTE	BMPCDT	20080616ABM	CP
11A PA WILKES-BARRE	BLCDT	20051123AJX	LIC
12A DE WILMINGTON	BMPEDT	20091204ADC	CP
12A WV MARTINSBURG	BLCDT	20021108AAX	LIC
11A VA STAUNTON	BPEDT	20111212ABK	AP

Percent new IX = 0.0372%

Result key: 14  
 Scenario 6 Affected station 6  
 Before Analysis

Results for: 11A MD BALTIMORE BPCDT 20100429AAF CP  
 HAAT 299.0 m, ATV ERP 26.6 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	8596693	31809.2
not affected by terrain losses	8300862	29972.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	386979	1449.7
lost to ATV IX only	386979	1449.7
lost to all IX	386979	1449.7

Potential Interfering Stations Included in above Scenario 6

10A PA HARRISBURG	BLCDT	20040812AAH	LIC
11A NY NEW YORK	BMPCDT	20080620ALB	APP
11A PA JEANNETTE	BLCDT	20090626AAT	LIC
11A PA WILKES-BARRE	BLCDT	20051123AJX	LIC
12A DE WILMINGTON	BMPEDT	20091204ADC	CP
12A WV MARTINSBURG	BLCDT	20021108AAX	LIC
11A VA STAUNTON	DTVPLN	DTVP0338	PLN

After Analysis

Results for: 11A MD BALTIMORE BPCDT 20100429AAF CP  
 HAAT 299.0 m, ATV ERP 26.6 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	8596693	31809.2
not affected by terrain losses	8300862	29972.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	389923	1486.0
lost to ATV IX only	389923	1486.0

lost to all IX 389923 1486.0

Potential Interfering Stations Included in above Scenario 6

10A PA HARRISBURG	BLCDT	20040812AAH	LIC
11A NY NEW YORK	BMPCDT	20080620ALB	APP
11A PA JEANNETTE	BLCDT	20090626AAT	LIC
11A PA WILKES-BARRE	BLCDT	20051123AJX	LIC
12A DE WILMINGTON	BMPEDT	20091204ADC	CP
12A WV MARTINSBURG	BLCDT	20021108AAX	LIC
11A VA STAUNTON	BPEDT	20111212ABK	AP

Percent new IX = 0.0372%

Result key: 15  
Scenario 7 Affected station 6  
Before Analysis

Results for: 11A MD BALTIMORE BPCDT 20100429AAF CP  
HAAT 299.0 m, ATV ERP 26.6 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	8596693	31809.2
not affected by terrain losses	8300862	29972.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	395437	1506.1
lost to ATV IX only	395437	1506.1
lost to all IX	395437	1506.1

Potential Interfering Stations Included in above Scenario 7

10A PA HARRISBURG	BPCDT	20080620AGL	CP
11A NY NEW YORK	BMPCDT	20080620ALB	APP
11A PA JEANNETTE	BMPCDT	20080616ABM	CP
11A PA WILKES-BARRE	BLCDT	20051123AJX	LIC
12A DE WILMINGTON	BMPEDT	20091204ADC	CP
12A WV MARTINSBURG	BLCDT	20021108AAX	LIC
11A VA STAUNTON	DTVPLN	DTV0338	PLN

After Analysis

Results for: 11A MD BALTIMORE BPCDT 20100429AAF CP  
HAAT 299.0 m, ATV ERP 26.6 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	8596693	31809.2
not affected by terrain losses	8300862	29972.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	398381	1542.3
lost to ATV IX only	398381	1542.3
lost to all IX	398381	1542.3

Potential Interfering Stations Included in above Scenario 7

10A PA HARRISBURG	BPCDT	20080620AGL	CP
11A NY NEW YORK	BMPCDT	20080620ALB	APP
11A PA JEANNETTE	BMPCDT	20080616ABM	CP
11A PA WILKES-BARRE	BLCDT	20051123AJX	LIC
12A DE WILMINGTON	BMPEDT	20091204ADC	CP
12A WV MARTINSBURG	BLCDT	20021108AAX	LIC
11A VA STAUNTON	BPEDT	20111212ABK	AP

Percent new IX = 0.0372%

Result key: 16  
Scenario 8 Affected station 6  
Before Analysis

Results for: 11A MD BALTIMORE BPCDT 20100429AAF CP  
HAAT 299.0 m, ATV ERP 26.6 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	8596693	31809.2
not affected by terrain losses	8300862	29972.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	395437	1506.1
lost to ATV IX only	395437	1506.1
lost to all IX	395437	1506.1

Potential Interfering Stations Included in above Scenario 8

10A PA HARRISBURG	BPCDT	20080620AGL	CP
11A NY NEW YORK	BMPEDT	20080620ALB	APP
11A PA JEANNETTE	BLCDT	20090626AAT	LIC
11A PA WILKES-BARRE	BLCDT	20051123AJX	LIC
12A DE WILMINGTON	BMPEDT	20091204ADC	CP
12A WV MARTINSBURG	BLCDT	20021108AAX	LIC
11A VA STAUNTON	DTVPLN	DTVP0338	PLN

After Analysis

Results for: 11A MD BALTIMORE BPCDT 20100429AAF CP  
HAAT 299.0 m, ATV ERP 26.6 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	8596693	31809.2
not affected by terrain losses	8300862	29972.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	398381	1542.3
lost to ATV IX only	398381	1542.3
lost to all IX	398381	1542.3

Potential Interfering Stations Included in above Scenario 8

10A PA HARRISBURG	BPCDT	20080620AGL	CP
11A NY NEW YORK	BMPEDT	20080620ALB	APP
11A PA JEANNETTE	BLCDT	20090626AAT	LIC
11A PA WILKES-BARRE	BLCDT	20051123AJX	LIC
12A DE WILMINGTON	BMPEDT	20091204ADC	CP
12A WV MARTINSBURG	BLCDT	20021108AAX	LIC
11A VA STAUNTON	BPEDT	20111212ABK	AP

Percent new IX = 0.0372%

Worst case new IX 0.0372% Scenario 3

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Analysis of Interference to Affected Station 7

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
11	WTVI	CHARLOTTE NC	BLEDT	-20101222ABA

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
10	WIS	COLUMBIA SC	129.3	LIC	BLCDT	-20090624ABZ
11	WTOG-TV	SAVANNAH GA	364.4	LIC	BLCDT	-20090622ABP
11	WTVD	DURHAM NC	200.3	LIC	BLCDT	-20100929AGW
11	WJHL-TV	JOHNSON CITY TN	181.8	LIC	BLCDT	-20100910AAC
11	WVPT	STAUNTON VA	342.7	PLN	DTVPLN	-DTVP0338
11	CVIL	STAUNTON VA	358.8	AP	BPEDT	-20111212ABK

11	MONT	STAUNTON VA	353.6	AP	BPEDT	-20111212ABK
11	MAIN	STAUNTON VA	342.7	AP	BPEDT	-20111212ABK

Total scenarios = 1

Result key: 17  
 Scenario 1 Affected station 7  
 Before Analysis

Results for: 11A NC CHARLOTTE BLEDT 20101222ABA LIC  
 HAAT 363.0 m, ATV ERP 2.6 kW  

	POPULATION	AREA (sq km)
within Noise Limited Contour	2322392	23534.0
not affected by terrain losses	2294540	22766.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	146239	2645.1
lost to ATV IX only	146239	2645.1
lost to all IX	146239	2645.1

Potential Interfering Stations Included in above Scenario 1

10A SC COLUMBIA	BLC DT	20090624ABZ	LIC
11A GA SAVANNAH	BLC DT	20090622ABP	LIC
11A NC DURHAM	BLC DT	20100929AGW	LIC
11A TN JOHNSON CITY	BLC DT	20100910AAC	LIC

After Analysis

Results for: 11A NC CHARLOTTE BLEDT 20101222ABA LIC  
 HAAT 363.0 m, ATV ERP 2.6 kW  

	POPULATION	AREA (sq km)
within Noise Limited Contour	2322392	23534.0
not affected by terrain losses	2294540	22766.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	146239	2645.1
lost to ATV IX only	146239	2645.1
lost to all IX	146239	2645.1

Potential Interfering Stations Included in above Scenario 1

10A SC COLUMBIA	BLC DT	20090624ABZ	LIC
11A GA SAVANNAH	BLC DT	20090622ABP	LIC
11A NC DURHAM	BLC DT	20100929AGW	LIC
11A TN JOHNSON CITY	BLC DT	20100910AAC	LIC
11A VA STAUNTON	BPEDT	20111212ABK	AP

Percent new IX = 0.0000%

Worst case new IX 0.0000% Scenario 1

#####

Analysis of Interference to Affected Station 8

Analysis of current record  

Channel	Call	City/State	Application	Ref. No.
11	WTVD	DURHAM NC	BLC DT	-20100929AGW

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
10	WNCT-TV	GREENVILLE NC	108.4	LIC	BLC DT	-20110504ACA

11	WTVI	CHARLOTTE NC	200.3	LIC	BLEDT	-20101222ABA
11	WJHL-TV	JOHNSON CITY TN	334.8	LIC	BLCDDT	-20100910AAC
11	WVPT	STAUNTON VA	286.1	PLN	DTVPLN	-DTVP0338
11	CVIL	STAUNTON VA	257.4	AP	BPEDT	-20111212ABK
11	MONT	STAUNTON VA	312.1	AP	BPEDT	-20111212ABK
11	MAIN	STAUNTON VA	286.1	AP	BPEDT	-20111212ABK
12	WCTI-TV	NEW BERN NC	125.2	LIC	BLCDDT	-20090622ADO
12	WWBT	RICMOND VA	224.0	LIC	BLCDDT	-20090803ABS

Total scenarios = 1

Result key: 18  
 Scenario 1 Affected station 8  
 Before Analysis

Results for: 11A NC DURHAM BLCDDT 20100929AGW LIC  
 HAAT 615.0 m, ATV ERP 45.0 kW  

	POPULATION	AREA (sq km)
within Noise Limited Contour	3369349	51812.2
not affected by terrain losses	3319437	50720.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	149679	4067.3
lost to ATV IX only	149679	4067.3
lost to all IX	149679	4067.3

Potential Interfering Stations Included in above Scenario 1

10A NC GREENVILLE	BLCDDT	20110504ACA	LIC
11A NC CHARLOTTE	BLEDT	20101222ABA	LIC
11A TN JOHNSON CITY	BLCDDT	20100910AAC	LIC
12A NC NEW BERN	BLCDDT	20090622ADO	LIC
11A VA STAUNTON	DTVPLN	DTVP0338	PLN

After Analysis

Results for: 11A NC DURHAM BLCDDT 20100929AGW LIC  
 HAAT 615.0 m, ATV ERP 45.0 kW  

	POPULATION	AREA (sq km)
within Noise Limited Contour	3369349	51812.2
not affected by terrain losses	3319437	50720.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	152349	4131.8
lost to ATV IX only	152349	4131.8
lost to all IX	152349	4131.8

Potential Interfering Stations Included in above Scenario 1

10A NC GREENVILLE	BLCDDT	20110504ACA	LIC
11A NC CHARLOTTE	BLEDT	20101222ABA	LIC
11A TN JOHNSON CITY	BLCDDT	20100910AAC	LIC
12A NC NEW BERN	BLCDDT	20090622ADO	LIC
11A VA STAUNTON	BPEDT	20111212ABK	AP

Percent new IX = 0.0842%

Worst case new IX 0.0842% Scenario 1

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# Analysis of Interference to Affected Station 9

## Analysis of current record

Channel	Call	City/State	Application	Ref. No.
11	WPCW	JEANNETTE PA	BMPCDT	-20080616ABM

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
10	WOIO	SHAKER HEIGHTS OH	172.2	LIC	BLCDT	-19991110AAR
10	WOIO	SHAKER HEIGHTS OH	172.2	CP	BPCDT	-20080620AKW
10	WVFX	CLARKSBURG WV	135.5	LIC	BLCDT	-20090612AJY
11	WBAL-TV	BALTIMORE MD	314.7	LIC	BLCDT	-20090619ABW
11	WBAL-TV	BALTIMORE MD	314.7	CP	BPCDT	-20100429AAF
11	WTOL	TOLEDO OH	310.5	LIC	BLCDT	-20090622ABU
11	WBRE-TV	WILKES-BARRE PA	356.9	LIC	BLCDT	-20051123AJX
11	WVPT	STAUNTON VA	265.9	PLN	DTVPLN	-DTVP0338
11	CVIL	STAUNTON VA	308.8	AP	BPEDT	-20111212ABK
11	MONT	STAUNTON VA	241.7	AP	BPEDT	-20111212ABK
11	MAIN	STAUNTON VA	265.9	AP	BPEDT	-20111212ABK
12	WMFD-TV	MANSFIELD OH	221.2	LIC	BLCDT	-20081112ALJ
12	WICU-TV	ERIE PA	174.5	LIC	BLCDT	-20090619ABT
12	WBOY-TV	CLARKSBURG WV	136.9	LIC	BLCDT	-20090227ABW
12	WWPX-TV	MARTINSBURG WV	202.5	LIC	BLCDT	-20021108AAX

Proposal causes no interference

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# Analysis of Interference to Affected Station 10

## Analysis of current record

Channel	Call	City/State	Application	Ref. No.
11	WPCW	JEANNETTE PA	BLCDT	-20090626AAT

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
10	WOIO	SHAKER HEIGHTS OH	172.2	LIC	BLCDT	-19991110AAR
10	WOIO	SHAKER HEIGHTS OH	172.2	CP	BPCDT	-20080620AKW
10	WVFX	CLARKSBURG WV	135.5	LIC	BLCDT	-20090612AJY
11	WBAL-TV	BALTIMORE MD	314.7	LIC	BLCDT	-20090619ABW
11	WBAL-TV	BALTIMORE MD	314.7	CP	BPCDT	-20100429AAF
11	WTOL	TOLEDO OH	310.5	LIC	BLCDT	-20090622ABU

11	WBRE-TV	WILKES-BARRE PA	356.9	LIC	BLCDT	-20051123AJX
11	WVPT	STAUNTON VA	265.9	PLN	DTVPLN	-DTVP0338
11	CVIL	STAUNTON VA	308.8	AP	BPEDT	-20111212ABK
11	MONT	STAUNTON VA	241.7	AP	BPEDT	-20111212ABK
11	MAIN	STAUNTON VA	265.9	AP	BPEDT	-20111212ABK
12	WMFD-TV	MANSFIELD OH	221.2	LIC	BLCDT	-20081112ALJ
12	WICU-TV	ERIE PA	174.5	LIC	BLCDT	-20090619ABT
12	WBOY-TV	CLARKSBURG WV	136.9	LIC	BLCDT	-20090227ABW
12	WWPX-TV	MARTINSBURG WV	202.5	LIC	BLCDT	-20021108AAX

Proposal causes no interference

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# Analysis of Interference to Affected Station 11

## Analysis of current record

Channel	Call	City/State	Application	Ref. No.
11	WBRE-TV	WILKES-BARRE PA	BLCDT	-20051123AJX

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
10	WHTM-TV	HARRISBURG PA	132.3	LIC	BLCDT	-20040812AAH
10	WHTM-TV	HARRISBURG PA	132.3	CP	BPCDT	-20080620AGL
11	WWLP	SPRINGFIELD MA	281.8	LIC	BLCDT	-20090612AJV
11	WBAL-TV	BALTIMORE MD	215.7	LIC	BLCDT	-20090619ABW
11	WBAL-TV	BALTIMORE MD	215.7	CP	BPCDT	-20100429AAF
11	WPIX	NEW YORK NY	164.7	APP	BMPCDT	-20080620ALB
11	WPIX	NEW YORK NY	165.6	LIC	BLCDT	-20090911ABN
11	WPCW	JEANNETTE PA	356.9	CP MOD	BMPCDT	-20080616ABM
11	WPCW	JEANNETTE PA	356.9	LIC	BLCDT	-20090626AAT
11	CVIL	STAUNTON VA	420.0	AP	BPEDT	-20111212ABK
12	WHYY-TV	WILMINGTON DE	137.7	CP MOD	BMPCDT	-20091204ADC
12	WNYT	ALBANY NY	222.4	LIC	BLCDT	-20100505AHT
11	MONT	STAUNTON VA		AP	BPEDT	-20111212ABK
11	MAIN	STAUNTON VA		AP	BPEDT	-20111212ABK

Proposal causes no interference

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# Analysis of Interference to Affected Station 12



# Analysis of current record

Channel 11 Call WJHL-TV City/State JOHNSON CITY TN Application Ref. No. BLCDT -20100910AAC

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
10	WBIR-TV	KNOXVILLE TN	168.4	LIC	BLCDT -20090619ADG
10	WSWP-TV	GRANDVIEW WV	191.9	LIC	BLEDT -20100210AAQ
10	WSWP-TV	GRANDVIEW WV	191.9	APP	BDSTA -20080225AGT
11	WHAS-TV	LOUISVILLE KY	391.2	LIC	BLCDT -20100628AWQ
11	WTVI	CHARLOTTE NC	181.8	LIC	BLEDT -20101222ABA
11	WTVI	DURHAM NC	334.8	LIC	BLCDT -20100929AGW
11	WVPT	STAUNTON VA	315.3	PLN	DTVPLN -DTVP0338
11	CVIL	STAUNTON VA	366.5	AP	BPEDT -20111212ABK
11	MONT	STAUNTON VA	309.1	AP	BPEDT -20111212ABK
11	MAIN	STAUNTON VA	315.3	AP	BPEDT -20111212ABK
12	WYMT-TV	HAZARD KY	125.7	LIC	BLCDT -20040109ACY

Total scenarios = 1

Result key: 19  
Scenario 1 Affected station 12  
Before Analysis

Results for: 11A TN JOHNSON CITY BLCDT 20100910AAC LIC  
HAAT 708.0 m, ATV ERP 34.5 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2087406	49236.0
not affected by terrain losses	1454882	37319.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	106181	1909.4
lost to ATV IX only	106181	1909.4
lost to all IX	106181	1909.4

Potential Interfering Stations Included in above Scenario 1

10A TN KNOXVILLE	BLCDT	20090619ADG	LIC
11A KY LOUISVILLE	BLCDT	20100628AWQ	LIC
11A NC CHARLOTTE	BLEDT	20101222ABA	LIC
11A NC DURHAM	BLCDT	20100929AGW	LIC
12A KY HAZARD	BLCDT	20040109ACY	LIC
11A VA STAUNTON	DTVPLN	DTVP0338	PLN

## After Analysis

Results for: 11A TN JOHNSON CITY BLCDT 20100910AAC LIC  
HAAT 708.0 m, ATV ERP 34.5 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2087406	49236.0
not affected by terrain losses	1454882	37319.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	106395	1921.5
lost to ATV IX only	106395	1921.5

lost to all IX 106395 1921.5

Potential Interfering Stations Included in above Scenario 1

10A TN KNOXVILLE	BLCDT	20090619ADG	LIC
11A KY LOUISVILLE	BLCDT	20100628AWQ	LIC
11A NC CHARLOTTE	BLEDT	20101222ABA	LIC
11A NC DURHAM	BLCDT	20100929AGW	LIC
12A KY HAZARD	BLCDT	20040109ACY	LIC
11A VA STAUNTON	BPEDT	20111212ABK	AP

Percent new IX = 0.0159%

Worst case new IX 0.0159% Scenario 1

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### Analysis of Interference to Affected Station 13

#### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
12	WBWT	RICHMOND VA	BLCDT	-20090803ABS

#### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
11	WBAL-TV	BALTIMORE MD	216.4	LIC	BLCDT	-20090619ABW
11	WBAL-TV	BALTIMORE MD	216.4	CP	BPCDT	-20100429AAF
11	WTVD	DURHAM NC	224.0	LIC	BLCDT	-20100929AGW
11	WVPT	STAUNTON VA	175.0	PLN	DTVPLN	-DTVP0338
11	CVIL	STAUNTON VA	101.2	AP	BPEDT	-20111212ABK
11	MONT	STAUNTON VA	205.8	AP	BPEDT	-20111212ABK
11	MAIN	STAUNTON VA	175.0	AP	BPEDT	-20111212ABK
12	WHYY-TV	WILMINGTON DE	343.3	CP MOD	BMPEDT	-20091204ADC
12	WCTI-TV	NEW BERN NC	267.4	LIC	BLCDT	-20090622ADO
12	WBOY-TV	CLARKSBURG WV	315.7	LIC	BLCDT	-20090227ABW
12	WWPX-TV	MARTINSBURG WV	222.3	LIC	BLCDT	-20021108AAX
13	WJZ-TV	BALTIMORE MD	216.4	CP	BPCDT	-20110810AAL
13	WJZ-TV	BALTIMORE MD	216.4	LIC	BLCDT	-20090727ADD
13	WVEC	HAMPTON VA	119.5	LIC	BLCDT	-20090612AJJ
13	WSET-TV	LYNCHBURG VA	189.4	LIC	BLCDT	-20091013ABE

Proposal causes no interference

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### Analysis of Interference to Affected Station 14

#### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
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12 WBOY-TV CLARKSBURG WV BLC DT -20090227ABW

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
11	WPCW	JEANNETTE PA	136.9	CP MOD	BMPCDT	-20080616ABM
11	WPCW	JEANNETTE PA	136.9	LIC	BLC DT	-20090626AAT
11	WVPT	STAUNTON VA	152.5	PLN	DTVPLN	-DTVP0338
11	CVIL	STAUNTON VA	215.9	AP	BPEDT	-20111212ABK
11	MONT	STAUNTON VA	122.3	AP	BPEDT	-20111212ABK
11	MAIN	STAUNTON VA	152.5	AP	BPEDT	-20111212ABK
12	WYMT-TV	HAZARD KY	340.6	LIC	BLC DT	-20040109ACY
12	WKRC-TV	CINCINNATI OH	359.9	LIC	BLC DT	-20090622AFI
12	WMFD-TV	MANSFIELD OH	254.8	LIC	BLC DT	-20081112ALJ
12	WICU-TV	ERIE PA	310.1	LIC	BLC DT	-20090619ABT
12	WWBT	RICHMOND VA	315.7	LIC	BLC DT	-20090803ABS
12	WVPX-TV	MARTINSBURG WV	195.6	LIC	BLC DT	-20021108AAX
13	WQED	PITTSBURGH PA	132.8	LIC	BLEDT	-20091127ABD
13	WSET-TV	LYNCHBURG VA	227.2	LIC	BLC DT	-20091013ABE
13	WOWK-TV	HUNTINGTON WV	184.2	LIC	BLC DT	-20090227ABU

Proposal causes no interference

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Analysis of Interference to Affected Station 15

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
12	WVPX-TV	MARTINSBURG WV	BLC DT	-20021108AAX

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
11	WBAL-TV	BALTIMORE MD	122.2	LIC	BLC DT	-20090619ABW
11	WBAL-TV	BALTIMORE MD	122.2	CP	BPCDT	-20100429AAF
11	WPCW	JEANNETTE PA	202.5	CP MOD	BMPCDT	-20080616ABM
11	WPCW	JEANNETTE PA	202.5	LIC	BLC DT	-20090626AAT
11	WVPT	STAUNTON VA	179.9	PLN	DTVPLN	-DTVP0338
11	CVIL	STAUNTON VA	167.8	AP	BPEDT	-20111212ABK
11	MONT	STAUNTON VA	181.3	AP	BPEDT	-20111212ABK
11	MAIN	STAUNTON VA	179.9	AP	BPEDT	-20111212ABK
12	WHYY-TV	WILMINGTON DE	250.0	CP MOD	BMPE DT	-20091204ADC

12	WMFD-TV	MANSFIELD OH	413.3	LIC	BLCDT	-20081112ALJ
12	WICU-TV	ERIE PA	332.6	LIC	BLCDT	-20090619ABT
12	WWBT	RICHLAND VA	222.3	LIC	BLCDT	-20090803ABS
12	WBOY-TV	CLARKSBURG WV	195.6	LIC	BLCDT	-20090227ABW
13	WJZ-TV	BALTIMORE MD	122.2	CP	BPCDT	-20110810AAL
13	WJZ-TV	BALTIMORE MD	122.2	LIC	BLCDT	-20090727ADD
13	WQED	PITTSBURGH PA	195.6	LIC	BLEDT	-20091127ABD

Proposal causes no interference

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# Analysis of Interference to Affected Station 16

Analysis of current record

DTS STATION

Channel	Call	City/State	Application	Ref. No.
11	MAIN	STAUNTON VA	BPEDT	-20111212ABK

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
10	WVFX	CLARKSBURG WV	154.6	LIC	BLCDT	-20090612AJY
10	WSPV-TV	GRANDVIEW WV	149.7	LIC	BLEDT	-20100210AAQ
10	WSPV-TV	GRANDVIEW WV	149.7	APP	BDSTA	-20080225AGT
11	WBAL-TV	BALTIMORE MD	264.9	LIC	BLCDT	-20090619ABW
11	WBAL-TV	BALTIMORE MD	264.9	CP	BPCDT	-20100429AAF
11	WTVI	CHARLOTTE NC	342.7	LIC	BLEDT	-20101222ABA
11	WTVI	DURHAM NC	286.1	LIC	BLCDT	-20100929AGW
11	WPCW	JEANNETTE PA	265.9	CP MOD	BMPCDT	-20080616ABM
11	WPCW	JEANNETTE PA	265.9	LIC	BLCDT	-20090626AAT
11	WJHL-TV	JOHNSON CITY TN	315.3	LIC	BLCDT	-20100910AAC
12	WWBT	RICHLAND VA	175.0	LIC	BLCDT	-20090803ABS
12	WBOY-TV	CLARKSBURG WV	152.5	LIC	BLCDT	-20090227ABW
12	WWPX-TV	MARTINSBURG WV	179.9	LIC	BLCDT	-20021108AAX

DTS Site number 03 for station 20111212ABK

Channel 11 Call MAIN City/State STAUNTON VA

Fails the service area limitations as noted below \*\*\* Note this comparison is for the current 3.2 kW license, WVPT has a CP for 10 kW and has applied for a license.

This DTS system uses EWVPT Main as 10 kW, thus there no excursions beyond limits. \*\*\*\*

AZIMUTH (DEGREES)	EXCURSION DISTANCE KM
221.25	0.25

221.50	0.29
221.75	0.28
222.00	0.33
222.25	0.39
222.50	0.43
222.75	0.41
223.00	0.47
223.25	0.50
223.50	0.57
223.75	0.58
224.00	0.64
224.25	0.66
224.50	0.66
224.75	0.79
225.00	0.79
225.25	0.79
225.50	0.85
225.75	0.88
226.00	0.94
226.25	1.00
226.50	0.97
226.75	1.05
227.00	1.14
227.25	1.11
227.50	1.17
227.75	1.14
228.00	1.23
228.25	1.29
228.50	1.39
228.75	1.38
229.00	1.43
229.25	1.43
229.50	1.47
229.75	1.51
230.00	1.51
230.25	1.41
230.50	1.30
230.75	1.24
231.00	1.28
231.25	1.21
231.50	1.09
231.75	1.08
232.00	1.05
232.25	0.92
232.50	0.86
232.75	0.77
233.00	0.71
233.25	0.61
233.50	0.46
233.75	0.42
234.00	0.34

DTS fails to cover non-DTS served area  
7 Cells unserved

Total scenarios = 2

Result key: 20  
Scenario 1 Affected station 16  
Before Analysis

Results for: 11A VA STAUNTON BPEDT 20111212ABK AP  
HAAT 328.0 m, ATV ERP 0.1 kW  
within Noise Limited Contour POPULATION AREA (sq km)  
not affected by terrain losses 876240 27162.4  
lost to NTSC IX 731286 24347.4  
0 0.0

lost to additional IX by ATV	47000	1523.5
lost to ATV IX only	47000	1523.5
lost to all IX	47000	1523.5

Potential Interfering Stations Included in above Scenario 1

11A MD BALTIMORE	BLCDT	20090619ABW	LIC
11A NC CHARLOTTE	BLEDT	20101222ABA	LIC
11A NC DURHAM	BLCDT	20100929AGW	LIC
11A TN JOHNSON CITY	BLCDT	20100910AAC	LIC

Result key: 21  
Scenario 2 Affected station 16  
Before Analysis

Results for: 11A VA STAUNTON BPEDT 20111212ABK AP  
HAAT 328.0 m, ATV ERP 0.1 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	876240	27162.4
not affected by terrain losses	731286	24347.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	50777	1783.4
lost to ATV IX only	50777	1783.4
lost to all IX	50777	1783.4

Potential Interfering Stations Included in above Scenario 2

11A MD BALTIMORE	BPCDT	20100429AAF	CP
11A NC CHARLOTTE	BLEDT	20101222ABA	LIC
11A NC DURHAM	BLCDT	20100929AGW	LIC
11A TN JOHNSON CITY	BLCDT	20100910AAC	LIC

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