

Census data selected: 2000

Post DTV Transition Database Selected

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 06-24-2013 Time: 10:38:39

Record Selected for Analysis

W36DO-D BDISDTL -20200522AAA PHIDELPHIA PA US  
Channel 14 ERP 5 kW HAAT 275 m RCAMSL 339 m STRINGENT MASK  
Latitude 40 -2 -30 Longitude 75 -14-11  
Status APP Zone 0 Border  
Dir Antenna Make CDB Model 00000000111274 Beam tilt N Ref Azimuth 220  
Last update 00000000 Cutoff date 20110829 Docket  
Comments  
Applicant MARCIA COHEN

Cell Size for Service Analysis 1.0 km/side

Distance Increments for Longley-Rice Analysis 1.00 km

Not full service station

Facility meets maximum power limit

Azimuth (Deg)	ERP (kW)	HAAT (m)	51.0 dBu F(50,90) (km)
0.0	5.000	266.2	47.8
45.0	5.000	239.5	46.4
90.0	5.000	295.2	49.3
135.0	5.000	317.2	50.4
180.0	5.000	302.2	49.6
225.0	5.000	254.3	47.1
270.0	5.000	225.2	45.6
315.0	5.000	295.6	49.3

Contour Overlap to Proposed Station

Station  
WTSD-CA 14 WILMINGTON DE BLTTA20041206AAM

Station inside contour of Digital LPTV station  
WNAI-LD 14 PHIDELPHIA PA BDISDTL 20200522AAA

# Contour Overlap Evaluation to Proposed Station Complete

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 0.50km from AM station

PHILADELPHIA PA WNWR Status: L Antenna: DAD

Proposed station is 0.50km from AM station

PHILADELPHIA PA WNWR Status: P Antenna: DA2

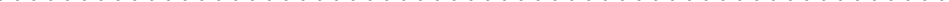
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## Start of Interference Analysis

Channel	Proposed Station Call	City/State	ARN
14	WNAI-LD	PHILADELPHIA PA	BDISDTL 20200522AAA

## Stations Potentially Affected by Proposed Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
14	WWTB-LD	WASHINGTON DC	200.1	LIC	BLDTL	-
20110915ABE						
14	W14DK-D	DAGSBORO DE	165.6	CP	BNPDTL	-
20090825BMN						
14	WTSD-CA	WILMINGTON DE	0.0	LIC	BLTTA	-
20041206AAM						
14	WFBT	BATH NY	301.8	CP MOD	BMPCDT	-
20090327AEF						
14	WYBN-LD	COBLESKILL NY	262.4	LIC	BLDTL	-
20111020AFP						
14	WSTQ-LP	SYRACUSE NY	344.1	LIC	BLTTL	-
20030604ABA						
14	W14CO-D	CLARKS SUMMIT, ETC. PA	162.9	LIC	BLDTT	-
20090810AAA						
14	W14DF-D	ELLIOTTSBURG PA	180.5	LIC	BLDTL	-
20100629ALC						
14	W14CY	CHARLOTTESVILLE VA	324.1	LIC	BLTTL	-
20070523ACY						
14	W30CI	ONANCOCK VA	246.2	CP	BDISDTT	-
20101119ADW						
14	W14DC-D	PORTSMOUTH VA	367.6	LIC	BLDTL	-
20110715AAC						



Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
14	W14DK-D	DAGSBORO DE	166.8	CP	BNPDTL	-
20090825BMN						
14	WGPX-TV	BURLINGTON NC	375.3	LIC	BLCDT	-
20060418ADO						
14	WGPX	BURLINGTON NC	375.3	PLN	DTVPLN	-
DTVP0483						
14	WGPX-TV	BURLINGTON NC	375.3	CP	BPCDT	-
20080620AFW						
14	NEW	GREENVILLE NC	423.0	APP	BNPDTL	-
20100209AAM						
14	WFBT	BATH NY	374.7	CP MOD	BMPCDT	-
20090327AEF						
14	WFBT	BATH NY	374.5	PLN	DTVPLN	-
DTVP0486						
14	W14CO-D	CLARKS SUMMIT, ETC. PA	304.8	LIC	BLDTT	-
20090810AAA						
14	W14DF-D	ELLIOTTSBURG PA	164.2	LIC	BLDTL	-
20100629ALC						
14	W14CY	CHARLOTTESVILLE VA	126.6	LIC	BLTTL	-
20070523ACY						
14	W30CI	ONANCOCK VA	179.4	CP	BDISDTT	-
20101119ADW						
14	W14DC-D	PORTSMOUTH VA	242.4	LIC	BLDTL	-
20110715AAC						
14	W14DN-D	RICHMOND VA	152.1	CP	BDCCDTL	-
20100726AIN						

15	W36DO-D	DARBY PA	200.1	APP	BDISDTL	-
20101203ABC						
15	W36DO-D	DARBY PA	200.1	APP	BSTA	-
20110128ABM						
15	WFDC-DT	ARLINGTON VA	0.0	CP	BPCDT	-
20110819ABR						
15	WFDC-TV	ARLINGTON VA	0.0	PLN	DTVPLN	-
DTVP0535						
15	WFDC-DT	ARLINGTON VA	0.0	LIC	BLCDT	-
20070215AAB						
15	NEW	CROZET VA	173.0	APP	BNPDTL	-
20090825ATJ						
15	NEW	HARRISONBURG VA	162.4	APP	BNPDTL	-
20100720AIT						
14	WNAI-LD	PHIDELPHIA PA	200.1	APP	BDISDTL	-
20200522AAA						
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.
14	W14DK-D	DAGSBORO DE	BNPDTL	-20090825BMN

### Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
14	WWTB-LD	WASHINGTON DC	166.8	LIC	BLDTL	-
20110915ABE						
14	WTSD-CA	WILMINGTON DE	165.6	LIC	BLTTA	-
20041206AAM						
14	NEW	GREENVILLE NC	413.6	APP	BNPDTL	-
20100209AAM						
14	WYBN-LD	COBLESKILL NY	422.9	LIC	BLDTL	-
20111020AFP						
14	W14CO-D	CLARKS SUMMIT, ETC. PA	326.4	LIC	BLDTT	-
20090810AAA						
14	W14DF-D	ELLIOTTSBURG PA	272.9	LIC	BLDTL	-
20100629ALC						
14	W30CI	ONANCOCK VA	84.6	CP	BDISDTT	-
20101119ADW						
14	W14DC-D	PORTSMOUTH VA	212.8	LIC	BLDTL	-
20110715AAC						
14	W14DN-D	RICHMOND VA	226.0	CP	BDCCDTL	-
20100726AIN						
15	W36DO-D	DARBY PA	165.6	APP	BDISDTL	-
20101203ABC						
15	W36DO-D	DARBY PA	165.6	APP	BSTA	-
20110128ABM						

14 WNAI-LD PHIDELPHIA PA 165.6 APP BDISDTL -  
 20200522AAA  
 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.
14	WTSD-CA	WILMINGTON DE	BLTTA	-20041206AAM

## Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
14	WWTB-LD	WASHINGTON DC	200.1	LIC	BLDTL	-
20110915ABE						
14	W14DK-D	DAGSBORO DE	165.6	CP	BNPDTL	-
20090825BMN						
14	WFBT	BATH NY	301.8	CP MOD	BMPCDT	-
20090327AEF						
14	WFBT	BATH NY	301.7	PLN	DTVPLN	-
DTVP0486						
14	WYBN-LD	COBLESKILL NY	262.4	LIC	BLDTL	-
20111020AFP						
14	W14CO-D	CLARKS SUMMIT, ETC. PA	162.9	LIC	BLDTT	-
20090810AAA						
14	W14DF-D	ELLIOTTSBURG PA	180.5	LIC	BLDTL	-
20100629ALC						
14	W30CI	ONANCOCK VA	246.2	CP	BDISDTT	-
20101119ADW						
14	W14DC-D	PORTSMOUTH VA	367.6	LIC	BLDTL	-
20110715AAC						
14	W14DN-D	RICHMOND VA	334.2	CP	BDCCDTL	-
20100726AIN						
15	W36DO-D	DARBY PA	0.0	APP	BDISDTL	-
20101203ABC						
15	W36DO-D	DARBY PA	0.0	APP	BSTA	-
20110128ABM						
17	WPHL-TV	PHILADELPHIA PA	0.3	LIC	BLCDT	-
20090918ABV						
17	WPHL-TV	PHILADELPHIA PA	0.0	PLN	DTVPLN	-
DTVP0599						
18	WMBC-TV	NEWTON NJ	126.6	LIC	BLCDT	-
20060803AMO						
18	WMBC-TV	NEWTON NJ	126.6	PLN	DTVPLN	-
DTVP0630						
18	WMBC-TV	NEWTON NJ	126.6	CP	BPCDT	-
20080620ABX						
21	WHP-TV	HARRISBURG PA	142.7	LIC	BLCDT	-
20090615ADL						

21	WHP-TV	HARRISBURG PA	142.7	PLN	DTVPLN	-
DTVP0760						
21	WHP-TV	HARRISBURG PA	142.7	CP	BPCDT	-
20100325ABG						
22	WNJS	CAMDEN NJ	48.3	CP	BPEDT	-
20080620ALH						
22	WNJS	CAMDEN NJ	48.3	PLN	DTVPLN	-
DTVP0799						
22	WNJS	CAMDEN NJ	48.3	LIC	BLEDT	-
20070611AAY						
28	WNBC	NEW YORK NY	127.6	APP	BPCDT	-
20080620ADL						
28	WNBC	NEW YORK NY	127.6	PLN	DTVPLN	-
DTVP1032						
28	WNBC	NEW YORK NY	131.8	LIC	BLCDT	-
20080409AAM						
28	WNBC	NEW YORK NY	131.8	STA	BDSTA	-
20041220ADE						
29	WUVP-DT	VINELAND NJ	0.0	LIC	BLCDT	-
20090923ADS						
29	WUVP-TV	VINELAND NJ	0.0	PLN	DTVPLN	-
DTVP1066						
29	WFME-TV	WEST MILFORD NJ	117.4	LIC	BLEDT	-
20040712ACP						
29	WFME-TV	WEST MILFORD NJ	117.4	PLN	DTVPLN	-
DTVP1067						
14	WNAI-LD	PHIDELPHIA PA	0.0	APP	BDISDTL	-
20200522AAA						

Total scenarios = 16

Result key: 1  
 Scenario 1 Affected station 3 WTSD-CA  
 Before Analysis

Results for: 14N DE WILMINGTON	BLTTA	20041206AAM	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1616975	1626.7	
not affected by terrain losses	1614238	1613.9	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	3334	2.9	
lost to all IX	3334	2.9	

Potential Interfering Stations Included in above Scenario 1

17A PA PHILADELPHIA	BLCDT	20090918ABV	LIC
29A NJ VINELAND	BLCDT	20090923ADS	LIC

After Analysis

Results for: 14N DE WILMINGTON	BLTTA	20041206AAM	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1616975	1626.7	

not affected by terrain losses	1614238	1613.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1566865	1515.6
lost to all IX	1566865	1515.6

Potential Interfering Stations Included in above Scenario 1

17A PA PHILADELPHIA	BLCDT	20090918ABV	LIC
29A NJ VINELAND	BLCDT	20090923ADS	LIC
14A PA PHIDELPHIA	BDISDTL	20200522AAA	APP

The following station failed the de minimis interference criteria.

14D PA PHIDELPHIA BDISDTL 20200522AAA  
 ERP 5.00 kW HAAT 275.0 m RCAMSL 339.0 m  
 Antenna CDB 00000000111274

Due to interference to the following station and scenario: 1

14N DE WILMINGTON BLTTA 20041206AAM  
 ERP 150.00 kW HAAT 419.0 m RCAMSL 436.0 m  
 Antenna CDB 00000000065828

Percent new DTV interference without proposal: 0.2 BLTTA  
 20041206AAM

Percent new DTV interference with proposal: 96.9 BLTTA  
 20041206AAM

Result key: 2  
 Scenario 2 Affected station 3 WTSD-CA  
 Before Analysis

Results for: 14N DE WILMINGTON BLTTA 20041206AAM LIC

	POPULATION	AREA (sq km)
within Noise Limited Contour	1616975	1626.7
not affected by terrain losses	1614238	1613.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	3334	2.9
lost to all IX	3334	2.9

Potential Interfering Stations Included in above Scenario 2

17A PA PHILADELPHIA	BLCDT	20090918ABV	LIC
29A NJ VINELAND	DTVPLN	DTVP1066	PLN

After Analysis

Results for: 14N DE WILMINGTON BLTTA 20041206AAM LIC

	POPULATION	AREA (sq km)
within Noise Limited Contour	1616975	1626.7
not affected by terrain losses	1614238	1613.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1566865	1515.6
lost to all IX	1566865	1515.6

Potential Interfering Stations Included in above Scenario 2

17A PA PHILADELPHIA	BLCDT	20090918ABV	LIC
29A NJ VINELAND	DTVPLN	DTVP1066	PLN
14A PA PHIDELPHIA	BDISDTL	20200522AAA	APP

The following station failed the de minimis interference criteria.

14D PA PHIDELPHIA	BDISDTL	20200522AAA
ERP	5.00 kW	HAAT 275.0 m RCAMSL 339.0 m
Antenna CDB 00000000111274		

Due to interference to the following station and scenario: 2

14N DE WILMINGTON	BLTTA	20041206AAM
ERP	150.00 kW	HAAT 419.0 m RCAMSL 436.0 m
Antenna CDB 00000000065828		

Percent new DTV interference without proposal:	0.2	BLTTA
20041206AAM		

Percent new DTV interference with proposal:	96.9	BLTTA
20041206AAM		

Result key: 3

Scenario	3	Affected station	3	WTSD-CA
Before Analysis				

Results for: 14N DE WILMINGTON	BLTTA	20041206AAM	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1616975	1626.7	
not affected by terrain losses	1614238	1613.9	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	2827	2.0	
lost to all IX	2827	2.0	

Potential Interfering Stations Included in above Scenario 3

17A PA PHILADELPHIA	DTVPLN	DTVP0599	PLN
29A NJ VINELAND	BLCDT	20090923ADS	LIC

After Analysis

Results for: 14N DE WILMINGTON	BLTTA	20041206AAM	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1616975	1626.7	
not affected by terrain losses	1614238	1613.9	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	1566865	1515.6	
lost to all IX	1566865	1515.6	

Potential Interfering Stations Included in above Scenario 3

17A PA PHILADELPHIA	DTVPLN	DTVP0599	PLN
29A NJ VINELAND	BLCDT	20090923ADS	LIC
14A PA PHIDELPHIA	BDISDTL	20200522AAA	APP



The following station failed the de minimis interference criteria.  
 14D PA PHIDELPHIA BDISDTL 20200522AAA  
 ERP 5.00 kW HAAT 275.0 m RCAMSL 339.0 m  
 Antenna CDB 00000000111274

Due to interference to the following station and scenario: 3  
 14N DE WILMINGTON BLTTA 20041206AAM  
 ERP 150.00 kW HAAT 419.0 m RCAMSL 436.0 m  
 Antenna CDB 00000000065828

Percent new DTV interference without proposal: 0.2 BLTTA  
 20041206AAM  
 Percent new DTV interference with proposal: 96.9 BLTTA  
 20041206AAM

Result key: 4  
 Scenario 4 Affected station 3 WTSD-CA  
 Before Analysis

Results for: 14N DE WILMINGTON	BLTTA	20041206AAM	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1616975	1626.7	
not affected by terrain losses	1614238	1613.9	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	2827	2.0	
lost to all IX	2827	2.0	

Potential Interfering Stations Included in above Scenario 4

17A PA PHILADELPHIA	DTVPLN	DTVP0599	PLN
29A NJ VINELAND	DTVPLN	DTVP1066	PLN

After Analysis

Results for: 14N DE WILMINGTON	BLTTA	20041206AAM	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1616975	1626.7	
not affected by terrain losses	1614238	1613.9	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	1566865	1515.6	
lost to all IX	1566865	1515.6	

Potential Interfering Stations Included in above Scenario 4

17A PA PHILADELPHIA	DTVPLN	DTVP0599	PLN
29A NJ VINELAND	DTVPLN	DTVP1066	PLN
14A PA PHIDELPHIA	BDISDTL	20200522AAA	APP

The following station failed the de minimis interference criteria.  
 14D PA PHIDELPHIA BDISDTL 20200522AAA  
 ERP 5.00 kW HAAT 275.0 m RCAMSL 339.0 m  
 Antenna CDB 00000000111274

Due to interference to the following station and scenario: 4  
 14N DE WILMINGTON BLTTA 20041206AAM  
 ERP 150.00 kW HAAT 419.0 m RCAMSL 436.0 m  
 Antenna CDB 00000000065828

Percent new DTV interference without proposal: 0.2 BLTTA  
 20041206AAM  
 Percent new DTV interference with proposal: 96.9 BLTTA  
 20041206AAM

Result key: 5  
 Scenario 5 Affected station 3 WTSD-CA  
 Before Analysis

Results for: 14N DE WILMINGTON	BLTTA	20041206AAM	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1616975	1626.7	
not affected by terrain losses	1614238	1613.9	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	442255	173.0	
lost to all IX	442255	173.0	

Potential Interfering Stations Included in above Scenario 5

15A PA DARBY	BDISDTL	20101203ABC	APP
17A PA PHILADELPHIA	BLCDDT	20090918ABV	LIC
29A NJ VINELAND	BLCDDT	20090923ADS	LIC

After Analysis

Results for: 14N DE WILMINGTON	BLTTA	20041206AAM	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1616975	1626.7	
not affected by terrain losses	1614238	1613.9	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	1566865	1515.6	
lost to all IX	1566865	1515.6	

Potential Interfering Stations Included in above Scenario 5

15A PA DARBY	BDISDTL	20101203ABC	APP
17A PA PHILADELPHIA	BLCDDT	20090918ABV	LIC
29A NJ VINELAND	BLCDDT	20090923ADS	LIC
14A PA PHIDELPHIA	BDISDTL	20200522AAA	APP

The following station failed the de minimis interference criteria.  
 14D PA PHIDELPHIA BDISDTL 20200522AAA  
 ERP 5.00 kW HAAT 275.0 m RCAMSL 339.0 m  
 Antenna CDB 00000000111274

Due to interference to the following station and scenario: 5  
 14N DE WILMINGTON BLTTA 20041206AAM

ERP 150.00 kW HAAT 419.0 m RCAMSL 436.0 m  
Antenna CDB 00000000065828

Percent new DTV interference without proposal: 27.4 BLTTA  
20041206AAM

Percent new DTV interference with proposal: 96.9 BLTTA  
20041206AAM

Result key: 6  
Scenario 6 Affected station 3 WTSD-CA  
Before Analysis

Results for: 14N DE WILMINGTON	BLTTA	20041206AAM	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1616975	1626.7	
not affected by terrain losses	1614238	1613.9	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	442255	173.0	
lost to all IX	442255	173.0	

Potential Interfering Stations Included in above Scenario 6

15A PA DARBY	BDISDTL	20101203ABC	APP
17A PA PHILADELPHIA	BLCDDT	20090918ABV	LIC
29A NJ VINELAND	DTVPLN	DTVP1066	PLN

After Analysis

Results for: 14N DE WILMINGTON	BLTTA	20041206AAM	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1616975	1626.7	
not affected by terrain losses	1614238	1613.9	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	1566865	1515.6	
lost to all IX	1566865	1515.6	

Potential Interfering Stations Included in above Scenario 6

15A PA DARBY	BDISDTL	20101203ABC	APP
17A PA PHILADELPHIA	BLCDDT	20090918ABV	LIC
29A NJ VINELAND	DTVPLN	DTVP1066	PLN
14A PA PHIDELPHIA	BDISDTL	20200522AAA	APP

The following station failed the de minimis interference criteria.

14D PA PHIDELPHIA BDISDTL 20200522AAA  
ERP 5.00 kW HAAT 275.0 m RCAMSL 339.0 m  
Antenna CDB 00000000111274

Due to interference to the following station and scenario: 6  
14N DE WILMINGTON BLTTA 20041206AAM  
ERP 150.00 kW HAAT 419.0 m RCAMSL 436.0 m  
Antenna CDB 00000000065828

Percent new DTV interference without proposal: 27.4 BLTTA  
 20041206AAM  
 Percent new DTV interference with proposal: 96.9 BLTTA  
 20041206AAM

Result key: 7  
 Scenario 7 Affected station 3 WTSD-CA  
 Before Analysis

Results for: 14N DE WILMINGTON	BLTTA	20041206AAM	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1616975	1626.7	
not affected by terrain losses	1614238	1613.9	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	441748	172.0	
lost to all IX	441748	172.0	

Potential Interfering Stations Included in above Scenario 7

15A PA DARBY	BDISDTL	20101203ABC	APP
17A PA PHILADELPHIA	DTVPLN	DTVP0599	PLN
29A NJ VINELAND	BLCDDT	20090923ADS	LIC

After Analysis

Results for: 14N DE WILMINGTON	BLTTA	20041206AAM	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1616975	1626.7	
not affected by terrain losses	1614238	1613.9	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	1566865	1515.6	
lost to all IX	1566865	1515.6	

Potential Interfering Stations Included in above Scenario 7

15A PA DARBY	BDISDTL	20101203ABC	APP
17A PA PHILADELPHIA	DTVPLN	DTVP0599	PLN
29A NJ VINELAND	BLCDDT	20090923ADS	LIC
14A PA PHIDELPHIA	BDISDTL	20200522AAA	APP

The following station failed the de minimis interference criteria.  
 14D PA PHIDELPHIA BDISDTL 20200522AAA  
 ERP 5.00 kW HAAT 275.0 m RCAMSL 339.0 m  
 Antenna CDB 00000000111274

Due to interference to the following station and scenario: 7  
 14N DE WILMINGTON BLTTA 20041206AAM  
 ERP 150.00 kW HAAT 419.0 m RCAMSL 436.0 m  
 Antenna CDB 00000000065828

Percent new DTV interference without proposal: 27.3 BLTTA  
 20041206AAM

Percent new DTV interference with proposal: 96.9 BLTTA  
20041206AAM

Result key: 8  
Scenario 8 Affected station 3 WTSD-CA  
Before Analysis

Results for: 14N DE WILMINGTON	BLTTA	20041206AAM	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1616975	1626.7	
not affected by terrain losses	1614238	1613.9	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	441748	172.0	
lost to all IX	441748	172.0	

Potential Interfering Stations Included in above Scenario 8

15A PA DARBY	BDISDTL	20101203ABC	APP
17A PA PHILADELPHIA	DTVPLN	DTVP0599	PLN
29A NJ VINELAND	DTVPLN	DTVP1066	PLN

After Analysis

Results for: 14N DE WILMINGTON	BLTTA	20041206AAM	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1616975	1626.7	
not affected by terrain losses	1614238	1613.9	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	1566865	1515.6	
lost to all IX	1566865	1515.6	

Potential Interfering Stations Included in above Scenario 8

15A PA DARBY	BDISDTL	20101203ABC	APP
17A PA PHILADELPHIA	DTVPLN	DTVP0599	PLN
29A NJ VINELAND	DTVPLN	DTVP1066	PLN
14A PA PHIDELPHIA	BDISDTL	20200522AAA	APP

The following station failed the de minimis interference criteria.

14D PA PHIDELPHIA BDISDTL 20200522AAA  
ERP 5.00 kW HAAT 275.0 m RCAMSL 339.0 m  
Antenna CDB 00000000111274

Due to interference to the following station and scenario: 8

14N DE WILMINGTON BLTTA 20041206AAM  
ERP 150.00 kW HAAT 419.0 m RCAMSL 436.0 m  
Antenna CDB 00000000065828

Percent new DTV interference without proposal: 27.3 BLTTA  
20041206AAM

Percent new DTV interference with proposal: 96.9 BLTTA  
20041206AAM

Result key: 9  
 Scenario 9 Affected station 3 WTSD-CA  
 Before Analysis

Results for: 14N DE WILMINGTON	BLTTA	20041206AAM	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1616975	1626.7	
not affected by terrain losses	1614238	1613.9	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	442255	173.0	
lost to all IX	442255	173.0	

Potential Interfering Stations Included in above Scenario 9

15A PA DARBY	BSTA	20110128ABM	APP
17A PA PHILADELPHIA	BLCDDT	20090918ABV	LIC
29A NJ VINELAND	BLCDDT	20090923ADS	LIC

After Analysis

Results for: 14N DE WILMINGTON	BLTTA	20041206AAM	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1616975	1626.7	
not affected by terrain losses	1614238	1613.9	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	1566865	1515.6	
lost to all IX	1566865	1515.6	

Potential Interfering Stations Included in above Scenario 9

15A PA DARBY	BSTA	20110128ABM	APP
17A PA PHILADELPHIA	BLCDDT	20090918ABV	LIC
29A NJ VINELAND	BLCDDT	20090923ADS	LIC
14A PA PHILADELPHIA	BDISDTL	20200522AAA	APP

The following station failed the de minimis interference criteria.

14D PA PHILADELPHIA BDISDTL 20200522AAA  
 ERP 5.00 kW HAAT 275.0 m RCAMSL 339.0 m  
 Antenna CDB 00000000111274

Due to interference to the following station and scenario: 9

14N DE WILMINGTON BLTTA 20041206AAM  
 ERP 150.00 kW HAAT 419.0 m RCAMSL 436.0 m  
 Antenna CDB 00000000065828

Percent new DTV interference without proposal: 27.4 BLTTA  
 20041206AAM  
 Percent new DTV interference with proposal: 96.9 BLTTA  
 20041206AAM

Result key: 10  
 Scenario 10 Affected station 3 WTSD-CA

Before Analysis

Results for: 14N DE WILMINGTON	BLTTA	20041206AAM	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1616975	1626.7	
not affected by terrain losses	1614238	1613.9	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	442255	173.0	
lost to all IX	442255	173.0	

Potential Interfering Stations Included in above Scenario 10

15A PA DARBY	BSTA	20110128ABM	APP
17A PA PHILADELPHIA	BLCDT	20090918ABV	LIC
29A NJ VINELAND	DTVPLN	DTVP1066	PLN

After Analysis

Results for: 14N DE WILMINGTON	BLTTA	20041206AAM	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1616975	1626.7	
not affected by terrain losses	1614238	1613.9	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	1566865	1515.6	
lost to all IX	1566865	1515.6	

Potential Interfering Stations Included in above Scenario 10

15A PA DARBY	BSTA	20110128ABM	APP
17A PA PHILADELPHIA	BLCDT	20090918ABV	LIC
29A NJ VINELAND	DTVPLN	DTVP1066	PLN
14A PA PHIDELPHIA	BDISDTL	20200522AAA	APP

The following station failed the de minimis interference criteria.

14D PA PHIDELPHIA BDISDTL 20200522AAA  
ERP 5.00 kW HAAT 275.0 m RCAMSL 339.0 m  
Antenna CDB 00000000111274

Due to interference to the following station and scenario: 10

14N DE WILMINGTON BLTTA 20041206AAM  
ERP 150.00 kW HAAT 419.0 m RCAMSL 436.0 m  
Antenna CDB 00000000065828

Percent new DTV interference without proposal: 27.4 BLTTA  
20041206AAM  
Percent new DTV interference with proposal: 96.9 BLTTA  
20041206AAM

Result key: 11  
Scenario 11 Affected station 3 WTSD-CA  
Before Analysis

Results for: 14N DE WILMINGTON BLTTA 20041206AAM LIC

	POPULATION	AREA (sq km)
within Noise Limited Contour	1616975	1626.7
not affected by terrain losses	1614238	1613.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	441748	172.0
lost to all IX	441748	172.0

Potential Interfering Stations Included in above Scenario 11

15A PA DARBY	BSTA	20110128ABM	APP
17A PA PHILADELPHIA	DTVPLN	DTVP0599	PLN
29A NJ VINELAND	BLCDT	20090923ADS	LIC

#### After Analysis

Results for: 14N DE WILMINGTON	BLTTA	20041206AAM	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1616975	1626.7	
not affected by terrain losses	1614238	1613.9	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	1566865	1515.6	
lost to all IX	1566865	1515.6	

Potential Interfering Stations Included in above Scenario 11

15A PA DARBY	BSTA	20110128ABM	APP
17A PA PHILADELPHIA	DTVPLN	DTVP0599	PLN
29A NJ VINELAND	BLCDT	20090923ADS	LIC
14A PA PHIDELPHIA	BDISDTL	20200522AAA	APP

The following station failed the de minimis interference criteria.

14D PA PHIDELPHIA BDISDTL 20200522AAA  
 ERP 5.00 kW HAAT 275.0 m RCAMSL 339.0 m  
 Antenna CDB 00000000111274

Due to interference to the following station and scenario: 11

14N DE WILMINGTON BLTTA 20041206AAM  
 ERP 150.00 kW HAAT 419.0 m RCAMSL 436.0 m  
 Antenna CDB 00000000065828

Percent new DTV interference without proposal: 27.3 BLTTA  
 20041206AAM  
 Percent new DTV interference with proposal: 96.9 BLTTA  
 20041206AAM

Result key: 12  
 Scenario 12 Affected station 3 WTSD-CA  
 Before Analysis

Results for: 14N DE WILMINGTON	BLTTA	20041206AAM	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1616975	1626.7	
not affected by terrain losses	1614238	1613.9	



lost to NTSC IX	0	0.0
lost to additional IX by ATV	441748	172.0
lost to all IX	441748	172.0

Potential Interfering Stations Included in above Scenario 12

15A PA DARBY	BSTA	20110128ABM	APP
17A PA PHILADELPHIA	DTVPLN	DTVP0599	PLN
29A NJ VINELAND	DTVPLN	DTVP1066	PLN

After Analysis

Results for: 14N DE WILMINGTON	BLTTA	20041206AAM	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1616975	1626.7	
not affected by terrain losses	1614238	1613.9	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	1566865	1515.6	
lost to all IX	1566865	1515.6	

Potential Interfering Stations Included in above Scenario 12

15A PA DARBY	BSTA	20110128ABM	APP
17A PA PHILADELPHIA	DTVPLN	DTVP0599	PLN
29A NJ VINELAND	DTVPLN	DTVP1066	PLN
14A PA PHIDELPHIA	BDISDTL	20200522AAA	APP

The following station failed the de minimis interference criteria.  
 14D PA PHIDELPHIA BDISDTL 20200522AAA  
 ERP 5.00 kW HAAT 275.0 m RCAMSL 339.0 m  
 Antenna CDB 00000000111274

Due to interference to the following station and scenario: 12  
 14N DE WILMINGTON BLTTA 20041206AAM  
 ERP 150.00 kW HAAT 419.0 m RCAMSL 436.0 m  
 Antenna CDB 00000000065828

Percent new DTV interference without proposal:	27.3	BLTTA
20041206AAM		
Percent new DTV interference with proposal:	96.9	BLTTA
20041206AAM		

Result key: 13  
 Scenario 13 Affected station 3 WTSD-CA  
 Before Analysis

Results for: 14N DE WILMINGTON	BLTTA	20041206AAM	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1616975	1626.7	
not affected by terrain losses	1614238	1613.9	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	3334	2.9	
lost to all IX	3334	2.9	

Potential Interfering Stations Included in above Scenario 13

17A PA PHILADELPHIA	BLCDT	20090918ABV	LIC
29A NJ VINELAND	BLCDT	20090923ADS	LIC

After Analysis

Results for: 14N DE WILMINGTON	BLTTA	20041206AAM	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1616975	1626.7	
not affected by terrain losses	1614238	1613.9	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	1566865	1515.6	
lost to all IX	1566865	1515.6	

Potential Interfering Stations Included in above Scenario 13

17A PA PHILADELPHIA	BLCDT	20090918ABV	LIC
29A NJ VINELAND	BLCDT	20090923ADS	LIC
14A PA PHIDELPHIA	BDISDTL	20200522AAA	APP

The following station failed the de minimis interference criteria.

14D PA PHIDELPHIA	BDISDTL	20200522AAA
ERP	5.00 kW	HAAT 275.0 m
RCAMSL	339.0 m	
Antenna CDB	00000000111274	

Due to interference to the following station and scenario: 13

14N DE WILMINGTON	BLTTA	20041206AAM
ERP	150.00 kW	HAAT 419.0 m
RCAMSL	436.0 m	
Antenna CDB	00000000065828	

Percent new DTV interference without proposal:	0.2	BLTTA
20041206AAM		
Percent new DTV interference with proposal:	96.9	BLTTA
20041206AAM		

Result key: 14

Scenario	14	Affected station	3	WTSD-CA
Before Analysis				

Results for: 14N DE WILMINGTON	BLTTA	20041206AAM	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1616975	1626.7	
not affected by terrain losses	1614238	1613.9	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	3334	2.9	
lost to all IX	3334	2.9	

Potential Interfering Stations Included in above Scenario 14

17A PA PHILADELPHIA	BLCDT	20090918ABV	LIC
29A NJ VINELAND	DTVPLN	DTVP1066	PLN

After Analysis

Results for: 14N DE WILMINGTON	BLTTA	20041206AAM	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1616975	1626.7	
not affected by terrain losses	1614238	1613.9	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	1566865	1515.6	
lost to all IX	1566865	1515.6	

Potential Interfering Stations Included in above Scenario 14

17A PA PHILADELPHIA	BLCDT	20090918ABV	LIC
29A NJ VINELAND	DTVPLN	DTVP1066	PLN
14A PA PHIDELPHIA	BDISDTL	20200522AAA	APP

The following station failed the de minimis interference criteria.

14D PA PHIDELPHIA BDISDTL 20200522AAA  
ERP 5.00 kW HAAT 275.0 m RCAMSL 339.0 m  
Antenna CDB 00000000111274

Due to interference to the following station and scenario: 14

14N DE WILMINGTON BLTTA 20041206AAM  
ERP 150.00 kW HAAT 419.0 m RCAMSL 436.0 m  
Antenna CDB 00000000065828

Percent new DTV interference without proposal: 0.2 BLTTA  
20041206AAM  
Percent new DTV interference with proposal: 96.9 BLTTA  
20041206AAM

Result key: 15  
Scenario 15 Affected station 3 WTSD-CA  
Before Analysis

Results for: 14N DE WILMINGTON	BLTTA	20041206AAM	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1616975	1626.7	
not affected by terrain losses	1614238	1613.9	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	2827	2.0	
lost to all IX	2827	2.0	

Potential Interfering Stations Included in above Scenario 15

17A PA PHILADELPHIA	DTVPLN	DTVP0599	PLN
29A NJ VINELAND	BLCDT	20090923ADS	LIC

After Analysis

Results for: 14N DE WILMINGTON	BLTTA	20041206AAM	LIC
	POPULATION	AREA (sq km)	

within Noise Limited Contour	1616975	1626.7
not affected by terrain losses	1614238	1613.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1566865	1515.6
lost to all IX	1566865	1515.6

Potential Interfering Stations Included in above Scenario 15

17A PA PHILADELPHIA	DTVPLN	DTVP0599	PLN
29A NJ VINELAND	BLCDT	20090923ADS	LIC
14A PA PHIDELPHIA	BDISDTL	20200522AAA	APP

The following station failed the de minimis interference criteria.

14D PA PHIDELPHIA BDISDTL 20200522AAA  
 ERP 5.00 kW HAAT 275.0 m RCAMSL 339.0 m  
 Antenna CDB 00000000111274

Due to interference to the following station and scenario: 15

14N DE WILMINGTON BLTTA 20041206AAM  
 ERP 150.00 kW HAAT 419.0 m RCAMSL 436.0 m  
 Antenna CDB 00000000065828

Percent new DTV interference without proposal: 0.2 BLTTA  
 20041206AAM

Percent new DTV interference with proposal: 96.9 BLTTA  
 20041206AAM

Result key: 16

Scenario 16 Affected station 3 WTSD-CA  
 Before Analysis

Results for: 14N DE WILMINGTON BLTTA 20041206AAM LIC

	POPULATION	AREA (sq km)
within Noise Limited Contour	1616975	1626.7
not affected by terrain losses	1614238	1613.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	2827	2.0
lost to all IX	2827	2.0

Potential Interfering Stations Included in above Scenario 16

17A PA PHILADELPHIA	DTVPLN	DTVP0599	PLN
29A NJ VINELAND	DTVPLN	DTVP1066	PLN

After Analysis

Results for: 14N DE WILMINGTON BLTTA 20041206AAM LIC

	POPULATION	AREA (sq km)
within Noise Limited Contour	1616975	1626.7
not affected by terrain losses	1614238	1613.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1566865	1515.6
lost to all IX	1566865	1515.6

Potential Interfering Stations Included in above Scenario 16

17A PA PHILADELPHIA	DTVPLN	DTVP0599	PLN
29A NJ VINELAND	DTVPLN	DTVP1066	PLN
14A PA PHIDELPHIA	BDISDTL	20200522AAA	APP

The following station failed the de minimis interference criteria.

14D PA PHIDELPHIA BDISDTL 20200522AAA  
 ERP 5.00 kW HAAT 275.0 m RCAMSL 339.0 m  
 Antenna CDB 00000000111274

Due to interference to the following station and scenario: 16

14N DE WILMINGTON BLTTA 20041206AAM  
 ERP 150.00 kW HAAT 419.0 m RCAMSL 436.0 m  
 Antenna CDB 00000000065828

Percent new DTV interference without proposal: 0.2 BLTTA  
 20041206AAM

Percent new DTV interference with proposal: 96.9 BLTTA  
 20041206AAM

Worst case new IX 96.7262% Scenario 3

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Analysis of Interference to Affected Station 4

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
14	WFBT	BATH NY	BMPCDT	-20090327AEF

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
14	WUTV	BUFFALO NY	160.6	LIC	BLCDT	-
20060829BGK						
14	WUTV	BUFFALO NY	160.6	PLN	DTVPLN	-
DTVP0487						
15	WSPX-TV	SYRACUSE NY	146.2	LIC	BLCDT	-
20110505ABK						
15	WSPX-TV	SYRACUSE NY	146.2	PLN	DTVPLN	-
DTVP0522						
15	WPSU-TV	CLEARFIELD PA	166.3	PLN	DTVPLN	-
DTVP0525						
15	WPSU-TV	CLEARFIELD PA	166.3	LIC	BLEDT	-
20080703AFB						
14	WNAI-LD	PHIDELPHIA PA	301.8	APP	BDISDTL	-
20200522AAA						

Total scenarios = 2

Result key: 17  
Scenario 1 Affected station 4 WFBT  
Before Analysis

Results for: 14A NY BATH BMPCDT 20090327AEF CP  
HAAT 196.0 m, ATV ERP 0.7 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	217008	6440.6
not affected by terrain losses	136676	5130.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	8391	396.0
lost to ATV IX only	8391	396.0
lost to all IX	8391	396.0

Potential Interfering Stations Included in above Scenario 1

14A NY BUFFALO BLCDT 20060829BGK LIC

After Analysis

Results for: 14A NY BATH BMPCDT 20090327AEF CP  
HAAT 196.0 m, ATV ERP 0.7 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	217008	6440.6
not affected by terrain losses	136676	5130.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	8391	396.0
lost to ATV IX only	8391	396.0
lost to all IX	8391	396.0

Potential Interfering Stations Included in above Scenario 1

14A NY BUFFALO BLCDT 20060829BGK LIC  
14A PA PHIDELPHIA BDISDTL 20200522AAA APP

Percent new IX = 0.0000%

Result key: 18  
Scenario 2 Affected station 4 WFBT  
Before Analysis

Results for: 14A NY BATH BMPCDT 20090327AEF CP  
HAAT 196.0 m, ATV ERP 0.7 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	217008	6440.6
not affected by terrain losses	136676	5130.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	8391	396.0
lost to ATV IX only	8391	396.0
lost to all IX	8391	396.0

Potential Interfering Stations Included in above Scenario 2

14A NY BUFFALO DTVPLN DTVP0487 PLN

After Analysis

Results for: 14A NY BATH BMPCDT 20090327AEF CP

HAAT 196.0 m, ATV ERP 0.7 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	217008	6440.6
not affected by terrain losses	136676	5130.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	8391	396.0
lost to ATV IX only	8391	396.0
lost to all IX	8391	396.0

Potential Interfering Stations Included in above Scenario 2

14A NY BUFFALO DTVPLN DTVP0487 PLN

14A PA PHIDELPHIA BDISDTL 20200522AAA APP

Percent new IX = 0.0000%

Worst case new IX 0.0000% Scenario 1

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Analysis of Interference to Affected Station 5

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
14	WYBN-LD	COBLESKILL NY	BLDTL	-20111020AFP

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
14	W14DK-D	DAGSBORO DE	422.9	CP	BNPDTL	-
20090825BMN						
14	WFBT	BATH NY	242.9	CP MOD	BMPCDT	-
20090327AEF						
14	WFBT	BATH NY	242.9	PLN	DTVPLN	-
DTVP0486						
14	WUTV	BUFFALO NY	389.8	LIC	BLCDT	-
20060829BGK						
14	WUTV	BUFFALO NY	389.8	PLN	DTVPLN	-
DTVP0487						
14	WPTZ	NORTH POLE NY	275.0	LIC	BLCDT	-
20070116ACW						
14	WPTZ	NORTH POLE NY	275.0	PLN	DTVPLN	-
DTVP0488						

14	W14CO-D	CLARKS SUMMIT, ETC. PA	148.7	LIC	BLDTT	-
20090810AAA						
14	W14DF-D	ELLIOTTSBURG PA	328.8	LIC	BLDTL	-
20100629ALC						
15	NEW	WESTMORELAND NH	170.6	APP	BNPDTL	-
20100514AII						
15	WNYA-CA	ALBANY NY	44.8	LIC	BLTTA	-
20030903ABN						
15	WNYA-CA	ALBANY NY	44.8	CP MOD	BMPDTA	-
20081017AHE						
15	WNYA-CA	ALBANY NY	44.8	APP	BDISDTA	-
20080610ACK						
15	W15CO-D	TOWANDA PA	195.0	LIC	BLDTT	-
20081125AUS						
14	WNAI-LD	PHIDELPHIA PA	262.4	APP	BDISDTL	-
20200522AAA						

Total scenarios = 4

Result key: 19  
Scenario 1 Affected station 5 WYBN-LD  
Before Analysis

Results for: 14A NY COBLESKILL BLDTL 20111020AFP LIC

HAAT 433.0 m, ATV ERP 15.0 kW		
	POPULATION	AREA (sq km)
within Noise Limited Contour	408246	6258.3
not affected by terrain losses	319244	4832.9
lost to NTSC IX	22474	82.2
lost to additional IX by ATV	179982	1170.8
lost to ATV IX only	202456	1253.0
lost to all IX	202456	1253.0

Potential Interfering Stations Included in above Scenario 1

15N NY ALBANY	BLTTA	20030903ABN	LIC
14A NY BATH	DTVPLN	DTVP0486	PLN
14A NY NORTH POLE	BLCDT	20070116ACW	LIC
15A NY ALBANY	BMPDTA	20081017AHE	CP

After Analysis

Results for: 14A NY COBLESKILL BLDTL 20111020AFP LIC

HAAT 433.0 m, ATV ERP 15.0 kW		
	POPULATION	AREA (sq km)
within Noise Limited Contour	408246	6258.3
not affected by terrain losses	319244	4832.9
lost to NTSC IX	22474	82.2
lost to additional IX by ATV	179982	1170.8
lost to ATV IX only	202456	1253.0
lost to all IX	202456	1253.0

Potential Interfering Stations Included in above Scenario 1



15N NY ALBANY	BLTTA	20030903ABN	LIC
14A NY BATH	DTVPLN	DTVP0486	PLN
14A NY NORTH POLE	BLCDT	20070116ACW	LIC
15A NY ALBANY	BMPDTA	20081017AHE	CP
14A PA PHIDELPHIA	BDISDTL	20200522AAA	APP

Percent new IX = 0.0000%

Result key: 20  
 Scenario 2 Affected station 5 WYBN-LD  
 Before Analysis

Results for: 14A NY COBLESKILL BLDTL 20111020AFP LIC  
 HAAT 433.0 m, ATV ERP 15.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	408246	6258.3
not affected by terrain losses	319244	4832.9
lost to NTSC IX	22474	82.2
lost to additional IX by ATV	179982	1170.8
lost to ATV IX only	202456	1253.0
lost to all IX	202456	1253.0

Potential Interfering Stations Included in above Scenario 2

15N NY ALBANY	BLTTA	20030903ABN	LIC
14A NY BATH	DTVPLN	DTVP0486	PLN
14A NY NORTH POLE	DTVPLN	DTVP0488	PLN
15A NY ALBANY	BMPDTA	20081017AHE	CP

After Analysis

Results for: 14A NY COBLESKILL BLDTL 20111020AFP LIC  
 HAAT 433.0 m, ATV ERP 15.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	408246	6258.3
not affected by terrain losses	319244	4832.9
lost to NTSC IX	22474	82.2
lost to additional IX by ATV	179982	1170.8
lost to ATV IX only	202456	1253.0
lost to all IX	202456	1253.0

Potential Interfering Stations Included in above Scenario 2

15N NY ALBANY	BLTTA	20030903ABN	LIC
14A NY BATH	DTVPLN	DTVP0486	PLN
14A NY NORTH POLE	DTVPLN	DTVP0488	PLN
15A NY ALBANY	BMPDTA	20081017AHE	CP
14A PA PHIDELPHIA	BDISDTL	20200522AAA	APP

Percent new IX = 0.0000%

Result key: 21  
 Scenario 3 Affected station 5 WYBN-LD

# Before Analysis

Results for: 14A NY COBLESKILL BLDTL 20111020AFP LIC  
 HAAT 433.0 m, ATV ERP 15.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	408246	6258.3
not affected by terrain losses	319244	4832.9
lost to NTSC IX	22474	82.2
lost to additional IX by ATV	178122	1126.3
lost to ATV IX only	200596	1208.5
lost to all IX	200596	1208.5

Potential Interfering Stations Included in above Scenario 3

15N NY ALBANY	BLTTA	20030903ABN	LIC
14A NY BATH	DTVPLN	DTVP0486	PLN
14A NY NORTH POLE	BLCDT	20070116ACW	LIC
15A NY ALBANY	BDISDTA	20080610ACK	APP

# After Analysis

Results for: 14A NY COBLESKILL BLDTL 20111020AFP LIC  
 HAAT 433.0 m, ATV ERP 15.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	408246	6258.3
not affected by terrain losses	319244	4832.9
lost to NTSC IX	22474	82.2
lost to additional IX by ATV	178122	1126.3
lost to ATV IX only	200596	1208.5
lost to all IX	200596	1208.5

Potential Interfering Stations Included in above Scenario 3

15N NY ALBANY	BLTTA	20030903ABN	LIC
14A NY BATH	DTVPLN	DTVP0486	PLN
14A NY NORTH POLE	BLCDT	20070116ACW	LIC
15A NY ALBANY	BDISDTA	20080610ACK	APP
14A PA PHIDELPHIA	BDISDTL	20200522AAA	APP

Percent new IX = 0.0000%

Result key: 22

Scenario 4 Affected station 5 WYBN-LD

# Before Analysis

Results for: 14A NY COBLESKILL BLDTL 20111020AFP LIC  
 HAAT 433.0 m, ATV ERP 15.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	408246	6258.3
not affected by terrain losses	319244	4832.9
lost to NTSC IX	22474	82.2
lost to additional IX by ATV	178122	1126.3
lost to ATV IX only	200596	1208.5
lost to all IX	200596	1208.5

Potential Interfering Stations Included in above Scenario 4

15N NY ALBANY	BLTTA	20030903ABN	LIC
14A NY BATH	DTVPLN	DTVP0486	PLN
14A NY NORTH POLE	DTVPLN	DTVP0488	PLN
15A NY ALBANY	BDISDTA	20080610ACK	APP

After Analysis

Results for: 14A NY COBLESKILL BLDTL 20111020AFP LIC

HAAT 433.0 m, ATV ERP 15.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	408246	6258.3
not affected by terrain losses	319244	4832.9
lost to NTSC IX	22474	82.2
lost to additional IX by ATV	178122	1126.3
lost to ATV IX only	200596	1208.5
lost to all IX	200596	1208.5

Potential Interfering Stations Included in above Scenario 4

15N NY ALBANY	BLTTA	20030903ABN	LIC
14A NY BATH	DTVPLN	DTVP0486	PLN
14A NY NORTH POLE	DTVPLN	DTVP0488	PLN
15A NY ALBANY	BDISDTA	20080610ACK	APP
14A PA PHIDELPHIA	BDISDTL	20200522AAA	APP

Percent new IX = 0.0000%

Worst case new IX 0.0000% Scenario 1

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Analysis of Interference to Affected Station 6

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
14	WSTQ-LP	SYRACUSE NY	BLTTL	-20030604ABA

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
14	WFBT	BATH NY	119.8	CP MOD	BMPCDT	-
20090327AEF						
14	WFBT	BATH NY	119.9	PLN	DTVPLN	-
DTVP0486						
14	WUTV	BUFFALO NY	224.4	LIC	BLCDT	-
20060829BGK						
14	WUTV	BUFFALO NY	224.4	PLN	DTVPLN	-
DTVP0487						

14	WYBN-LD	COBLESKILL NY	177.4	LIC	BLDTL	-
20111020AFP						
14	WPTZ	NORTH POLE NY	314.4	LIC	BLCDT	-
20070116ACW						
14	WPTZ	NORTH POLE NY	314.4	PLN	DTVPLN	-
DTVP0488						
14	W14CO-D	CLARKS SUMMIT, ETC. PA	181.2	LIC	BLDDT	-
20090810AAA						
14	W14DF-D	ELLIOTTSBURG PA	309.6	LIC	BLDTL	-
20100629ALC						
15	WNYA-CA	ALBANY NY	183.0	CP MOD	BMPDTA	-
20081017AHE						
15	WNYA-CA	ALBANY NY	183.0	APP	BDISDTA	-
20080610ACK						
15	WSPX-TV	SYRACUSE NY	29.0	LIC	BLCDT	-
20110505ABK						
15	WSPX-TV	SYRACUSE NY	29.0	PLN	DTVPLN	-
DTVP0522						
15	W15CO-D	TOWANDA PA	155.3	LIC	BLDDT	-
20081125AUS						
16	WXXI-TV	ROCHESTER NY	115.4	LIC	BLEDT	-
20030916ABS						
16	WXXI-TV	ROCHESTER NY	115.4	PLN	DTVPLN	-
DTVP0556						
17	WSYR-TV	SYRACUSE NY	17.1	LIC	BLCDT	-
20030812ABK						
17	WSYR-TV	SYRACUSE NY	17.1	PLN	DTVPLN	-
DTVP0594						
18	WETM-TV	ELMIRA NY	120.5	LIC	BLCDT	-
20090622AFJ						
18	WETM-TV	ELMIRA NY	120.5	PLN	DTVPLN	-
DTVP0631						
21	WWTI	WATERTOWN NY	98.1	LIC	BLCDT	-
20040128AFQ						
21	WWTI	WATERTOWN NY	98.1	PLN	DTVPLN	-
DTVP0757						
28	WUHF	ROCHESTER NY	115.4	LIC	BLCDT	-
20050316AAK						
28	WUHF	ROCHESTER NY	115.4	PLN	DTVPLN	-
DTVP1033						
29	WKTV	UTICA NY	99.6	LIC	BLCDT	-
20060630ACL						
29	WKTV	UTICA NY	99.6	PLN	DTVPLN	-
DTVP1071						
14	WNAI-LD	PHIDELPHIA PA	344.1	APP	BDISDTL	-
20200522AAA						

Proposed station is beyond the site to  
nearest cell evaluation distance

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Analysis of current record

Channel	Call	City/State	Application	Ref. No.
14	W14CO-D	CLARKS SUMMIT, ETC. PA	BLDTT	-20090810AAA

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
14	WWTB-LD	WASHINGTON DC	304.8	LIC	BLDTL	-
20110915	ABE					
14	W14DK-D	DAGSBORO DE	326.4	CP	BNPDTL	-
20090825	BMN					
14	WTSD-CA	WILMINGTON DE	162.9	LIC	BLTTA	-
20041206	AAM					
14	WFBT	BATH NY	157.8	CP MOD	BMPCDT	-
20090327	AEF					
14	WFBT	BATH NY	157.7	PLN	DTVPLN	-
DTVP0486						
14	WUTV	BUFFALO NY	318.0	LIC	BLCDT	-
20060829	BGK					
14	WUTV	BUFFALO NY	318.0	PLN	DTVPLN	-
DTVP0487						
14	WYBN-LD	COBLESKILL NY	148.7	LIC	BLDTL	-
20111020	AFP					
14	W14DF-D	ELLIOTTSBURG PA	180.1	LIC	BLDTL	-
20100629	ALC					
14	W30CI	ONANCOCK VA	403.0	CP	BDISDTT	-
20101119	ADW					
15	WNYA-CA	ALBANY NY	190.7	CP MOD	BMPDTA	-
20081017	AHE					
15	WNYA-CA	ALBANY NY	190.7	APP	BDISDTA	-
20080610	ACK					
15	W36DO-D	DARBY PA	162.9	APP	BDISDTL	-
20101203	ABC					
15	W36DO-D	DARBY PA	162.9	APP	BSTA	-
20110128	ABM					
15	W15CO-D	TOWANDA PA	70.3	LIC	BLDTT	-
20081125	AUS					
14	WNAI-LD	PHIDELPHIA PA	162.9	APP	BDISDTL	-
20200522	AAA					

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.
14	W14DF-D	ELLIOTTSBURG PA	BLDTL	-20100629ALC

# Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
14	WWTB-LD	WASHINGTON DC	164.2	LIC	BLDTL	-
20110915	ABE					
14	W14DK-D	DAGSBORO DE	272.9	CP	BNPDTL	-
20090825	BMN					
14	WFBT	BATH NY	211.6	CP MOD	BMPCDT	-
20090327	AEF					
14	WFBT	BATH NY	211.4	PLN	DTVPLN	-
DTVP0486						
14	WUTV	BUFFALO NY	320.6	LIC	BLCDT	-
20060829	BGK					
14	WUTV	BUFFALO NY	320.6	PLN	DTVPLN	-
DTVP0487						
14	WYBN-LD	COBLESKILL NY	328.8	LIC	BLDTL	-
20111020	AFP					
14	W14CO-D	CLARKS SUMMIT, ETC. PA	180.1	LIC	BLDTT	-
20090810	AAA					
14	W30CI	ONANCOCK VA	322.0	CP	BDISDTT	-
20101119	ADW					
14	W14DC-D	PORTSMOUTH VA	405.2	LIC	BLDTL	-
20110715	AAC					
14	W14DN-D	RICHMOND VA	310.9	CP	BDCCDTL	-
20100726	AIN					
15	WPSU-TV	CLEARFIELD PA	124.2	PLN	DTVPLN	-
DTVP0525						
15	WPSU-TV	CLEARFIELD PA	124.2	LIC	BLEDT	-
20080703	AFB					
15	W36DO-D	DARBY PA	180.5	APP	BDISDTL	-
20101203	ABC					
15	W36DO-D	DARBY PA	180.5	APP	BSTA	-
20110128	ABM					
15	W15CO-D	TOWANDA PA	157.7	LIC	BLDTT	-
20081125	AUS					
14	WNAI-LD	PHIDELPHIA PA	180.5	APP	BDISDTL	-
20200522	AAA					

Total scenarios = 1

Result key: 23  
Scenario 1 Affected station 8 W14DF-D  
Before Analysis

Results for: 14A PA ELLIOTTSBURG BLDTL 20100629ALC LIC  
HAAT 159.0 m, ATV ERP 2.4 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	297733	4042.0
not affected by terrain losses	182879	2997.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	4280	64.9
lost to ATV IX only	4280	64.9

lost to all IX 4280 64.9

Potential Interfering Stations Included in above Scenario 1

14A DC WASHINGTON	BLDTL	20110915ABE	LIC
14A NY BATH	DTVPLN	DTVP0486	PLN

After Analysis

Results for: 14A PA ELLIOTTSBURG BLDTL 20100629ALC LIC  
HAAT 159.0 m, ATV ERP 2.4 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	297733	4042.0
not affected by terrain losses	182879	2997.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	7507	82.9
lost to ATV IX only	7507	82.9
lost to all IX	7507	82.9

Potential Interfering Stations Included in above Scenario 1

14A DC WASHINGTON	BLDTL	20110915ABE	LIC
14A NY BATH	DTVPLN	DTVP0486	PLN
14A PA PHIDELPHIA	BDISDTL	20200522AAA	APP

Percent new IX = 1.8068%

Worst case new IX 1.8068% Scenario 1

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Analysis of Interference to Affected Station 9

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
14	W14CY	CHARLOTTESVILLE VA	BLTTL	-20070523ACY

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
14	WWTB-LD	WASHINGTON DC	126.6	LIC	BLDTL	-
20110915ABE						
14	W14DK-D	DAGSBORO DE	277.8	CP	BNPDTL	-
20090825BMN						
14	WGPX-TV	BURLINGTON NC	271.0	LIC	BLCDT	-
20060418ADO						
14	WGPX	BURLINGTON NC	271.0	PLN	DTVPLN	-
DTVP0483						
14	WGPX-TV	BURLINGTON NC	271.0	CP	BPCDT	-
20080620AFW						

14	NEW	GREENVILLE NC	390.7	APP	BNPDTL	-
20100209AAM						
14	WTVI	HICKORY NC	399.8	LIC	BLEDT	-
20110104AAK						
14	W14CO-D	CLARKS SUMMIT, ETC. PA	405.4	LIC	BLDDTT	-
20090810AAA						
14	W14DF-D	ELLIOTTSBURG PA	234.4	LIC	BLDTL	-
20100629ALC						
14	W30CI	ONANCOCK VA	258.5	CP	BDISDTT	-
20101119ADW						
14	W14DC-D	PORTSMOUTH VA	259.1	LIC	BLDTL	-
20110715AAC						
14	W14DN-D	RICHMOND VA	124.3	CP	BDCCDTL	-
20100726AIN						
15	WFDC-DT	ARLINGTON VA	126.6	CP	BPCDT	-
20110819ABR						
15	WFDC-TV	ARLINGTON VA	126.6	PLN	DTVPLN	-
DTVP0535						
15	WFDC-DT	ARLINGTON VA	126.6	LIC	BLCDT	-
20070215AAB						
15	NEW	CROZET VA	52.6	APP	BNPDTL	-
20090825ATJ						
15	NEW	HARRISONBURG VA	39.0	APP	BNPDTL	-
20100720AIT						
21	WVPY	FRONT ROYAL VA	54.0	PLN	DTVPLN	-
DTVP0768						
21	WVPY	FRONT ROYAL VA	54.0	LIC	BLEDT	-
20100209AAB						
22	WRIC-TV	PETERSBURG VA	128.9	LIC	BLCDT	-
20090209ABZ						
22	WRIC-TV	PETERSBURG VA	129.0	PLN	DTVPLN	-
DTVP0812						
28	WFPT	FREDERICK MD	129.1	LIC	BLEDT	-
20090330AFA						
28	WFPT	FREDERICK MD	129.1	PLN	DTVPLN	-
DTVP1025						
29	NEW	CROZET VA	52.6	APP	BNPDTL	-
20090825ASS						
29	W29DH	MOOREFIELD WV	70.4	CP	BDFCDTT	-
20110218ACP						
14	WNAI-LD	PHIDELPHIA PA	324.1	APP	BDISDTL	-
20200522AAA						

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.
14	W30CI	ONANCOCK VA	BDISDTT	-20101119ADW



# Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
14	WWTB-LD	WASHINGTON DC	179.4	LIC	BLDTL	-
20110915	ABE					
14	W14DK-D	DAGSBORO DE	84.6	CP	BNPDTL	-
20090825	BMN					
14	NEW	GREENVILLE NC	329.1	APP	BNPDTL	-
20100209	AAM					
14	W14CO-D	CLARKS SUMMIT, ETC. PA	403.0	LIC	BLDTT	-
20090810	AAA					
14	W14DF-D	ELLIOTTSBURG PA	322.0	LIC	BLDTL	-
20100629	ALC					
14	W14DC-D	PORTSMOUTH VA	128.9	LIC	BLDTL	-
20110715	AAC					
14	W14DN-D	RICHMOND VA	172.8	CP	BDCCDTL	-
20100726	AIN					
14	WNAI-LD	PHIDELPHIA PA	246.2	APP	BDISDTL	-
20200522	AAA					
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.
14	W14DC-D	PORTSMOUTH VA	BLDTL	-20110715AAC

# Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
14	WWTB-LD	WASHINGTON DC	242.4	LIC	BLDTL	-
20110915	ABE					
14	W14DK-D	DAGSBORO DE	212.8	CP	BNPDTL	-
20090825	BMN					
14	WGPX-TV	BURLINGTON NC	305.5	LIC	BLCDT	-
20060418	ADO					
14	WGPX	BURLINGTON NC	305.5	PLN	DTVPLN	-
DTVP0483						
14	WGPX-TV	BURLINGTON NC	305.5	CP	BPCDT	-
20080620	AFW					
14	NEW	GREENVILLE NC	201.6	APP	BNPDTL	-
20100209	AAM					
14	WLPS-LD	LUMBERTON-PEMBROKE NC	346.7	LIC	BLDTL	-
20090217	ACB					
14	W14EC-D	WILMINGTON NC	332.0	CP	BNPDTL	-
20090825	ACJ					
14	W14DF-D	ELLIOTTSBURG PA	405.2	LIC	BLDTL	-
20100629	ALC					

14	W14EB-D	FLORENCE SC	428.7	CP	BNPDTL	-
20090825AZM						
14	NEW	FLORENCE SC	425.1	APP	BNPDTL	-
20090904ACE						
14	W30CI	ONANCOCK VA	128.9	CP	BDISDTT	-
20101119ADW						
14	W14DN-D	RICHMOND VA	136.4	CP	BDCCDTL	-
20100726AIN						
14	WNAI-LD	PHIDELPHIA PA	367.6	APP	BDISDTL	-
20200522AAA						

Proposed station is beyond the site to  
nearest cell evaluation distance

#####

#### Analysis of Interference to Affected Station 12

##### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
14	W14DN-D	RICHMOND VA	BDCCDTL	-20100726AIN

##### Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
14	WWTB-LD	WASHINGTON DC	152.1	LIC	BLDTL	-
20110915ABE						
14	W14DK-D	DAGSBORO DE	226.0	CP	BNPDTL	-
20090825BMN						
14	WGPX-TV	BURLINGTON NC	243.3	LIC	BLCDDT	-
20060418ADO						
14	WGPX	BURLINGTON NC	243.3	PLN	DTVPLN	-
DTVP0483						
14	WGPX-TV	BURLINGTON NC	243.3	CP	BPCDDT	-
20080620AFW						
14	NEW	GREENVILLE NC	278.6	APP	BNPDTL	-
20100209AAM						
14	WTVI	HICKORY NC	399.2	LIC	BLEDT	-
20110104AAK						
14	WLPS-LD	LUMBERTON-PEMBROKE NC	354.1	LIC	BLDTL	-
20090217ACB						
14	W14EC-D	WILMINGTON NC	378.6	CP	BNPDTL	-
20090825ACJ						
14	W14DF-D	ELLIOTTSBURG PA	310.9	LIC	BLDTL	-
20100629ALC						
14	NEW	FLORENCE SC	426.4	APP	BNPDTL	-
20090904ACE						
14	W14CY	CHARLOTTESVILLE VA	124.3	LIC	BLTTL	-
20070523ACY						
14	W30CI	ONANCOCK VA	172.8	CP	BDISDTT	-
20101119ADW						

14	W14DC-D	PORTSMOUTH VA	136.4	LIC	BLDTL	-
20110715AAC						
15	NEW	CROZET VA	119.2	APP	BNPDTL	-
20090825ATJ						
15	NEW	HARRISONBURG VA	153.1	APP	BNPDTL	-
20100720AIT						
14	WNAI-LD	PHIDELPHIA PA	334.2	APP	BDISDTL	-
20200522AAA						
Proposal causes no interference						

#####

# Analysis of Interference to Affected Station 13

## Analysis of current record

Channel	Call	City/State	Application	Ref. No.
15	W36DO-D	DARBY PA	BDISDTL	-20101203ABC

## Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
14	WWTB-LD	WASHINGTON DC	200.1	LIC	BLDTL	-
20110915ABE						
14	W14DK-D	DAGSBORO DE	165.6	CP	BNPDTL	-
20090825BMN						
14	WTSD-CA	WILMINGTON DE	0.0	LIC	BLTTA	-
20041206AAM						
14	W14CO-D	CLARKS SUMMIT, ETC. PA	162.9	LIC	BLDTT	-
20090810AAA						
14	W14DF-D	ELLIOTTSBURG PA	180.5	LIC	BLDTL	-
20100629ALC						
15	NEW	WESTMORELAND NH	399.7	APP	BNPDTL	-
20100514AII						
15	WNYA-CA	ALBANY NY	306.4	CP MOD	BMPDTA	-
20081017AHE						
15	WNYA-CA	ALBANY NY	306.4	APP	BDISDTA	-
20080610ACK						
15	WSPX-TV	SYRACUSE NY	368.9	LIC	BLCDT	-
20110505ABK						
15	WSPX-TV	SYRACUSE NY	368.9	PLN	DTVPLN	-
DTVP0522						
15	WPSU-TV	CLEARFIELD PA	296.0	PLN	DTVPLN	-
DTVP0525						
15	WPSU-TV	CLEARFIELD PA	296.0	LIC	BLEDT	-
20080703AFB						
15	W15CO-D	TOWANDA PA	210.1	LIC	BLDTT	-
20081125AUS						
15	WFDC-DT	ARLINGTON VA	200.1	CP	BPCDT	-
20110819ABR						
15	WFDC-TV	ARLINGTON VA	200.1	PLN	DTVPLN	-
DTVP0535						

15	WFDC-DT	ARLINGTON VA	200.1	LIC	BLCDT	-
20070215AAB						
15	NEW	CROZET VA	372.7	APP	BNPDTL	-
20090825ATJ						
15	NEW	HARRISONBURG VA	356.4	APP	BNPDTL	-
20100720AIT						
16	W22DA	FREDERICK MD	202.8	APP	BDISDTL	-
20120124ADA						
16	WRAV-LD	OCEAN CITY MD	174.4	CP	BDISDTL	-
20090630ADF						
16	W16CO-D	MIDDLEBURG PA	176.7	LIC	BLDTL	-
20110222ADB						
16	WTSD-CA	PHILADELPHIA PA	0.3	CP MOD	BMPDTA	-
20120221ABQ						
14	WNAI-LD	PHIDELPHIA PA	0.0	APP	BDISDTL	-
20200522AAA						

Total scenarios = 3

Result key: 24  
 Scenario 1 Affected station 13 W36DO-D  
 Before Analysis

Results for: 15A PA DARBY BDISDTL 20101203ABC APP  
 HAAT 150.0 m, ATV ERP 8.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	4715496	5656.7
not affected by terrain losses	4714537	5654.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	83077	285.5
lost to ATV IX only	83077	285.5
lost to all IX	83077	285.5

Potential Interfering Stations Included in above Scenario 1

15A VA ARLINGTON	BPCDT	20110819ABR	CP
16A PA PHILADELPHIA	BMPDTA	20120221ABQ	CP

After Analysis

Results for: 15A PA DARBY BDISDTL 20101203ABC APP  
 HAAT 150.0 m, ATV ERP 8.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	4715496	5656.7
not affected by terrain losses	4714537	5654.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	473950	1180.2
lost to ATV IX only	473950	1180.2
lost to all IX	473950	1180.2

Potential Interfering Stations Included in above Scenario 1

15A VA ARLINGTON	BPCDT	20110819ABR	CP
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16A PA PHILADELPHIA	BMPDTA	20120221ABQ	CP
14A PA PHIDELPHIA	BDISDTL	20200522AAA	APP

The following station failed the de minimis interference criteria.

14D PA PHIDELPHIA	BDISDTL	20200522AAA
ERP	5.00 kW	HAAT 275.0 m RCAMSL 339.0 m
Antenna CDB 00000000111274		

Due to interference to the following station and scenario: 1

15D PA DARBY	BDISDTL	20101203ABC
ERP	8.00 kW	HAAT 150.0 m RCAMSL 172.0 m
Antenna CDB 00000000103820		

Percent Service lost without proposal:	0.0	to BDISDTL	20101203ABC
Percent Service lost with proposal:	8.4	to BDISDTL	20101203ABC

Result key: 25  
Scenario 2 Affected station 13 W36DO-D  
Before Analysis

Results for: 15A PA DARBY BDISDTL 20101203ABC APP  
HAAT 150.0 m, ATV ERP 8.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	4715496	5656.7
not affected by terrain losses	4714537	5654.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	70672	236.4
lost to ATV IX only	70672	236.4
lost to all IX	70672	236.4

Potential Interfering Stations Included in above Scenario 2

15A VA ARLINGTON	DTVPLN	DTVP0535	PLN
16A PA PHILADELPHIA	BMPDTA	20120221ABQ	CP

After Analysis

Results for: 15A PA DARBY BDISDTL 20101203ABC APP  
HAAT 150.0 m, ATV ERP 8.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	4715496	5656.7
not affected by terrain losses	4714537	5654.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	462421	1136.0
lost to ATV IX only	462421	1136.0
lost to all IX	462421	1136.0

Potential Interfering Stations Included in above Scenario 2

15A VA ARLINGTON	DTVPLN	DTVP0535	PLN
16A PA PHILADELPHIA	BMPDTA	20120221ABQ	CP
14A PA PHIDELPHIA	BDISDTL	20200522AAA	APP

The following station failed the de minimis interference criteria.

14D PA PHIDELPHIA                      BDISDTL    20200522AAA  
ERP    5.00 kW   HAAT    275.0 m   RCAMSL    339.0 m  
Antenna CDB 00000000111274

Due to interference to the following station and scenario:                      2

15D PA DARBY                              BDISDTL    20101203ABC  
ERP    8.00 kW   HAAT    150.0 m   RCAMSL    172.0 m  
Antenna CDB 00000000103820

Percent Service lost without proposal:                      0.0    to BDISDTL    20101203ABC  
Percent Service lost with proposal:                      8.4    to BDISDTL    20101203ABC

Result key:                      26  
Scenario                      3    Affected station                      13    W36DO-D  
Before Analysis

Results for: 15A PA DARBY    BDISDTL    20101203ABC    APP

HAAT    150.0 m,   ATV ERP                      8.0 kW		
	POPULATION	AREA (sq km)
within Noise Limited Contour	4715496	5656.7
not affected by terrain losses	4714537	5654.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	69489	233.5
lost to ATV IX only	69489	233.5
lost to all IX	69489	233.5

Potential Interfering Stations Included in above Scenario                      3

15A VA ARLINGTON                      BLCDT    20070215AAB    LIC  
16A PA PHILADELPHIA                      BMPDTA    20120221ABQ    CP

After Analysis

Results for: 15A PA DARBY    BDISDTL    20101203ABC    APP

HAAT    150.0 m,   ATV ERP                      8.0 kW		
	POPULATION	AREA (sq km)
within Noise Limited Contour	4715496	5656.7
not affected by terrain losses	4714537	5654.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	461238	1133.1
lost to ATV IX only	461238	1133.1
lost to all IX	461238	1133.1

Potential Interfering Stations Included in above Scenario                      3

15A VA ARLINGTON                      BLCDT    20070215AAB    LIC  
16A PA PHILADELPHIA                      BMPDTA    20120221ABQ    CP  
14A PA PHIDELPHIA                      BDISDTL    20200522AAA    APP

The following station failed the de minimis interference criteria.

14D PA PHIDELPHIA                      BDISDTL    20200522AAA  
ERP    5.00 kW   HAAT    275.0 m   RCAMSL    339.0 m

Antenna CDB 00000000111274

Due to interference to the following station and scenario: 3

15D PA DARBY BDISDTL 20101203ABC

ERP 8.00 kW HAAT 150.0 m RCAMSL 172.0 m

Antenna CDB 00000000103820

Percent Service lost without proposal: 0.0 to BDISDTL 20101203ABC

Percent Service lost with proposal: 8.4 to BDISDTL 20101203ABC

Worst case new IX 8.4395% Scenario 1

Proposed station is MX

14A PA PHIDELPHIA BDISDTL 20200522AAA APP

15A PA DARBY BDISDTL 20101203ABC APP

Proposal MX with BDISDTL 20101203ABC scenario 1 of station 13

Proposed station is MX

14A PA PHIDELPHIA BDISDTL 20200522AAA APP

15A PA DARBY BDISDTL 20101203ABC APP

Proposal MX with BDISDTL 20101203ABC scenario 2 of station 13

Proposed station is MX

14A PA PHIDELPHIA BDISDTL 20200522AAA APP

15A PA DARBY BDISDTL 20101203ABC APP

Proposal MX with BDISDTL 20101203ABC scenario 3 of station 13

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Analysis of Interference to Affected Station 14

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
15	W36DO-D	DARBY PA	BSTA	-20110128ABM

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
14	WSTD-LD	WASHINGTON DC	200.1	LIC	BLDTL	-
20110915ABE						
14	W14DK-D	DAGSBORO DE	165.6	CP	BNPDTL	-
20090825BMN						
14	WTSD-CA	WILMINGTON DE	0.0	LIC	BLTTA	-
20041206AAM						

14	W14CO-D	CLARKS SUMMIT, ETC. PA	162.9	LIC	BLDTT	-
20090810AAA						
14	W14DF-D	ELLIOTTSBURG PA	180.5	LIC	BLDTL	-
20100629ALC						
15	NEW	WESTMORELAND NH	399.7	APP	BNPDTL	-
20100514AII						
15	WNYA-CA	ALBANY NY	306.4	CP MOD	BMPDTA	-
20081017AHE						
15	WNYA-CA	ALBANY NY	306.4	APP	BDISDTA	-
20080610ACK						
15	WSPX-TV	SYRACUSE NY	368.9	LIC	BLCDT	-
20110505ABK						
15	WSPX-TV	SYRACUSE NY	368.9	PLN	DTVPLN	-
DTVP0522						
15	WPSU-TV	CLEARFIELD PA	296.0	PLN	DTVPLN	-
DTVP0525						
15	WPSU-TV	CLEARFIELD PA	296.0	LIC	BLEDT	-
20080703AFB						
15	W15CO-D	TOWANDA PA	210.1	LIC	BLDTT	-
20081125AUS						
15	WFDC-DT	ARLINGTON VA	200.1	CP	BPCDT	-
20110819ABR						
15	WFDC-TV	ARLINGTON VA	200.1	PLN	DTVPLN	-
DTVP0535						
15	WFDC-DT	ARLINGTON VA	200.1	LIC	BLCDT	-
20070215AAB						
15	NEW	CROZET VA	372.7	APP	BNPDTL	-
20090825ATJ						
15	NEW	HARRISONBURG VA	356.4	APP	BNPDTL	-
20100720AIT						
16	W22DA	FREDERICK MD	202.8	APP	BDISDTL	-
20120124ADA						
16	WRAV-LD	OCEAN CITY MD	174.4	CP	BDISDTL	-
20090630ADF						
16	W16CO-D	MIDDLEBURG PA	176.7	LIC	BLDTL	-
20110222ADB						
16	WTSD-CA	PHILADELPHIA PA	0.3	CP MOD	BMPDTA	-
20120221ABQ						
14	WNAI-LD	PHIDELPHIA PA	0.0	APP	BDISDTL	-
20200522AAA						

Total scenarios = 3

Result key: 27

Scenario 1 Affected station 14 W36DO-D  
Before Analysis

Results for: 15A PA DARBY	BSTA	20110128ABM	APP
HAAT 150.0 m, ATV ERP 8.0 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	4715496	5656.7	
not affected by terrain losses	4714537	5654.7	
lost to NTSC IX	0	0.0	



Potential Interfering Stations Included in above Scenario 1

## After Analysis

	POPULATION	AREA (sq km)
within Noise Limited Contour	4715496	5656.7
not affected by terrain losses	4714537	5654.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	473950	1180.2
lost to ATV IX only	473950	1180.2
lost to all IX	473950	1180.2

Potential Interfering Stations Included in above Scenario 1

The following station failed the de minimis interference criteria.

Due to interference to the following station and scenario: 1

Percent Service lost without proposal:	0.0	to	BSTA	20110128ABM
Percent Service lost with proposal:	8.4	to	BSTA	20110128ABM

	POPULATION	AREA (sq km)
within Noise Limited Contour	4715496	5656.7
not affected by terrain losses	4714537	5654.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	70672	236.4
lost to ATV IX only	70672	236.4
lost to all IX	70672	236.4

15A	VA	ARLINGTON	DTVPLN	DTVP0535	PLN
16A	PA	PHILADELPHIA	BMPDTA	20120221ABO	CP

## After Analysis

Results for: 15A PA DARBY                      BSTA                      20110128ABM   APP  
         HAAT 150.0 m, ATV ERP                      8.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	4715496	5656.7
not affected by terrain losses	4714537	5654.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	462421	1136.0
lost to ATV IX only	462421	1136.0
lost to all IX	462421	1136.0

15A	VA	ARLINGTON	DTVPLN	DTVP0535	PLN
16A	PA	PHILADELPHIA	BMPDTA	20120221ABQ	CP
14A	PA	PHIDELPHIA	BDISDTL	20200522AAA	APP

The following station failed the de minimis interference criteria.

14D PA PHIDELPHIA BDISDTL 20200522AAA  
ERP 5.00 kW HAAT 275.0 m RCAMSL 339.0 m  
Antenna CDB 00000000111274

Due to interference to the following station and scenario: 2

15D PA DARBY                                  BSTA                  20110128ABM  
ERP        8.00 kW   HAAT      150.0 m   RCAMSL     172.0 m  
Antenna CDB 000000000103822

Percent Service lost without proposal:	0.0	to	BSTA	20110128ABM
Percent Service lost with proposal:	8.4	to	BSTA	20110128ABM

Result key: 29

Scenario	3	Affected station	14	W36DO-D
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## Before Analysis

Results for: 15A PA DARBY                      BSTA                      20110128ABM   APP  
HAAT 150.0 m, ATV ERP                      8.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	4715496	5656.7
not affected by terrain losses	4714537	5654.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	69489	233.5
lost to ATV IX only	69489	233.5
lost to all IX	69489	233.5

Potential Interfering Stations Included in above Scenario 3



Proposal MX with BSTA 20110128ABM scenario 3 of station 14

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Analysis of Interference to Affected Station 15

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
15	WFDC-DT	ARLINGTON VA	BPCDT	-20110819ABR

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
15	WRPX-TV	ROCKY MOUNT NC	330.1	LIC	BLCDT	-
20020510AAF						
15	WRPX	ROCKY MOUNT NC	330.1	PLN	DTVPLN	-
DTVP0518						
15	WPSU-TV	CLEARFIELD PA	268.7	PLN	DTVPLN	-
DTVP0525						
15	WPSU-TV	CLEARFIELD PA	268.7	LIC	BLEDT	-
20080703AFB						
14	WNAI-LD	PHIDELPHIA PA	200.1	APP	BDISDTL	-
20200522AAA						
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.
15	WFDC-DT	ARLINGTON VA	BLCDT	-20070215AAB

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
15	WRPX-TV	ROCKY MOUNT NC	330.1	LIC	BLCDT	-
20020510AAF						
15	WRPX	ROCKY MOUNT NC	330.1	PLN	DTVPLN	-
DTVP0518						
15	WPSU-TV	CLEARFIELD PA	268.7	PLN	DTVPLN	-
DTVP0525						
15	WPSU-TV	CLEARFIELD PA	268.7	LIC	BLEDT	-
20080703AFB						
14	WNAI-LD	PHIDELPHIA PA	200.1	APP	BDISDTL	-
20200522AAA						

Proposal causes no interference

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Analysis of Interference to Affected Station 17

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
16	WMJF-LP	TOWSON MD	BLTTA	-20050909ADB

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
15	W36DO-D	DARBY PA	137.5	APP	BDISDTL	-
20101203ABC						
15	W36DO-D	DARBY PA	137.5	APP	BSTA	-
20110128ABM						
15	WFDC-DT	ARLINGTON VA	65.1	CP	BPCDT	-
20110819ABR						
15	WFDC-TV	ARLINGTON VA	65.1	PLN	DTVPLN	-
DTVP0535						
15	WFDC-DT	ARLINGTON VA	65.1	LIC	BLCDT	-
20070215AAB						
16	W22DA	FREDERICK MD	77.3	APP	BDISDTL	-
20120124ADA						
16	WRAV-LD	OCEAN CITY MD	129.5	CP	BDISDTL	-
20090630ADF						
16	W16DI-D	ROCKY MOUNT NC	402.0	CP	BDCCDTL	-
20110725AAC						
16	NEW	ELMIRA NY	307.8	APP	BNPDTL	-
20100513ABR						
16	W16BE-D	HORNELL, ALFRED NY	334.2	LIC	BLDTL	-
20120216ADJ						
16	W16CO-D	MIDDLEBURG PA	153.8	LIC	BLDTL	-
20110222ADB						
16	WTSD-CA	PHILADELPHIA PA	137.3	CP MOD	BMPDTA	-
20120221ABQ						
16	WBGN-CD	PITTSBURGH PA	309.0	LIC	BLDTL	-
20090911AAO						
16	WVAW-LD	CHARLOTTESVILLE VA	225.9	LIC	BLDTL	-
20090218AEG						
16	WHRO-TV	HAMPTON-NORFOLK VA	287.7	LIC	BLEDT	-
20090701AFO						
16	WHRO-TV	HAMPTON-NORFOLK VA	287.7	PLN	DTVPLN	-
DTVP0569						
16	WUSV-LD	CLARKSBURG WV	317.3	CP	BNPDTL	-
20100723AAA						
16	WZTS-LD	SUMMERSVILLE WV	368.0	CP	BNPDTL	-
20090825BLP						
17	DW59AI	STATE COLLEGE PA	197.7	CP	BDISDTT	-
20080527ADG						

23	WLYH-TV	LANCASTER PA	97.1	LIC	BLCDT	-
20040922AAC						
23	WLYH-TV	LANCASTER PA	97.1	PLN	DTVPLN	-
DTVP0843						
24	WNVC	FAIRFAX VA	78.6	LIC	BLEDT	-
20090612ACS						
24	WNVC	FAIRFAX VA	78.6	PLN	DTVPLN	-
DTVP0894						
30	WGCB-TV	RED LION PA	56.6	LIC	BLCDT	-
20050615AAB						
30	WGCB-TV	RED LION PA	56.6	PLN	DTVPLN	-
DTVP1107						
30	WNVTV	GOLDVEIN VA	111.5	LIC	BLEDT	-
20031230AAR						
30	WNVTV	GOLDVEIN VA	111.5	PLN	DTVPLN	-
DTVP1113						
31	WPPX-TV	WILMINGTON DE	137.5	LIC	BLCDT	-
20031203AFL						
31	WPPX	WILMINGTON DE	137.5	PLN	DTVPLN	-
DTVP1123						
31	WPPX-TV	WILMINGTON DE	137.5	CP	BPCDT	-
20080620AMP						
31	WETA-TV	DICKERSON MD	80.0	APP	BDRTEDT	-
20090811ACE						
31	WGAL	GETTYSBURG PA	97.2	CP	BDRTCDT	-
20090824ADR						
14	WNAI-LD	PHIDELPHIA PA	137.5	APP	BDISDTL	-
20200522AAA						

Proposed station is beyond the site to  
nearest cell evaluation distance

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#### Analysis of Interference to Affected Station 18

##### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
14	WNAI-LD	PHIDELPHIA PA	BDISDTL	-20200522AAA

##### Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
14	WWTB-LD	WASHINGTON DC	200.1	LIC	BLDTL	-
20110915ABE						
14	W14DK-D	DAGSBORO DE	165.6	CP	BNPDTL	-
20090825BMN						
14	WTSD-CA	WILMINGTON DE	0.0	LIC	BLTTA	-
20041206AAM						
14	WFBT	BATH NY	301.8	CP MOD	BMPCDT	-
20090327AEF						

14	WFBT	BATH NY	301.7	PLN	DTVPLN	-
DTVP0486						
14	WYBN-LD	COBLESKILL NY	262.4	LIC	BLDTL	-
20111020AFP						
14	W14CO-D	CLARKS SUMMIT, ETC. PA	162.9	LIC	BLDTT	-
20090810AAA						
14	W14DF-D	ELLIOTTSBURG PA	180.5	LIC	BLDTL	-
20100629ALC						
14	W30CI	ONANCOCK VA	246.2	CP	BDISDTT	-
20101119ADW						
14	W14DC-D	PORTSMOUTH VA	367.6	LIC	BLDTL	-
20110715AAC						
14	W14DN-D	RICHMOND VA	334.2	CP	BDCCDTL	-
20100726AIN						
15	W36DO-D	DARBY PA	0.0	APP	BDISDTL	-
20101203ABC						
15	W36DO-D	DARBY PA	0.0	APP	BSTA	-
20110128ABM						
15	W15CO-D	TOWANDA PA	210.2	LIC	BLDTT	-
20081125AUS						

Total scenarios = 1

Result key: 30  
 Scenario 1 Affected station 18 WNAI-LD  
 Before Analysis

Results for: 14A PA PHIDELPHIA BDISDTL 20200522AAA APP  
 HAAT 275.0 m, ATV ERP 5.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	5372469	8176.4
not affected by terrain losses	5372218	8174.5
lost to NTSC IX	1695246	2881.1
lost to additional IX by ATV	0	0.0
lost to ATV IX only	40	1.0
lost to all IX	1695246	2881.1

Potential Interfering Stations Included in above Scenario 1

14N DE WILMINGTON	BLTTA	20041206AAM	LIC
14A PA ELLIOTTSBURG	BLDTL	20100629ALC	LIC

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