

Percent allowed new interference: 0.500
 Percent allowed new interference to Class A: 0.500
 TW Census data selected 2000
 Data Base Selected
 /space/software/cdb/pt_tvdb.sff
 TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 06-09-2010 Time: 13:19:47

Record Selected for Analysis (Record is a DTS)

WNVC BDTS -30000101DCD FAIRFAX VA US
 Channel 24 ERP 160 kW HAAT 221 m RCAMSL 310 m
 Latitude 38 -52-28 Longitude 77 -13-24
 Status APP Zone 1 Border Site number: 01
 Last update Cutoff date 40000101 Docket
 Comments
 Applicant

WNVC BDTS -30000101DCD FAIRFAX VA US
 Channel 24 ERP 3.78 kW HAAT 149 m RCAMSL 216.3 m
 Latitude 38 -56-24 Longitude 77 -04-54
 Status APP Zone 1 Border Site number: 02
 Dir Antenna Make usr Model TLP_M Beam tilt N Ref Azimuth
 120.0
 Last update Cutoff date 40000101 Docket
 Comments
 Applicant

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

Site number	1		
Azimuth	ERP	HAAT	41.0 dBu F(50,90)
(Deg)	(kW)	(m)	(km)
0.0	160.000	213.4	74.0
45.0	160.000	229.8	75.2
90.0	160.000	244.4	76.3
135.0	160.000	238.6	75.9
180.0	160.000	238.1	75.8
225.0	160.000	199.0	72.9
270.0	160.000	193.5	72.5
315.0	160.000	206.7	73.5

Site number 2

Azimuth (Deg)	ERP (kW)	HAAT (m)	41.0 dBu F(50,90) (km)
0.0	0.205	124.7	34.9
45.0	0.686	138.4	41.9
90.0	0.773	176.0	45.0
135.0	0.734	184.3	45.3
180.0	0.841	175.6	45.4
225.0	0.331	125.2	37.3
270.0	0.033	131.7	25.9
315.0	0.036	131.5	26.3

Evaluation toward Class A Stations from site # 01

Contour overlap to Class A station

WAZH-CA 24 HARRISONBURG VA BLTTL 19960823JC

Contour overlap to Class A station

WZDC-CA 25 WASHINGTON DC BLTTL 20070309ADR

Evaluation toward Class A Stations from site # 02

Station inside contour of Class A station

WZDC-CA 25 WASHINGTON DC BLTTL 20070309ADR

Class A Evaluation Complete

SPACING VIOLATION FOUND BETWEEN STATION

WNVC 24 FAIRFAX VA BDTS 30000101DCD Site # 01

and station

SHORT TO: WNVC 24 FAIRFAX VA DTVPLN DTVP0893

38 -52-28 77 -13-24

Req. separation 196.3 Actual separation 0.0 Short 196.3 km

LANDMOBILE SPACING VIOLATIONS FOUND

NONE from Site # 01

SPACING VIOLATION FOUND BETWEEN STATION

WNVC 24 FAIRFAX VA BDTS 30000101DCD Site # 02

and station

SHORT TO: WNVC 24 FAIRFAX VA DTVPLN DTVP0893

38 -52-28 77 -13-24
Req. separation 196.3 Actual separation 14.3 Short 182.0 km

LANDMOBILE SPACING VIOLATIONS FOUND

NONE from Site # 02

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 OK toward West Virginia quiet zone
Proposed facility OK toward Table Mountain
Proposed facility is beyond the Canadian coordination distance
Proposed facility is beyond the Mexican coordination distance
Proposed station is OK toward AM broadcast stations

Start of Interference Analysis

Channel	Proposed Station Call	City/State	ARN	
24	WNVC	FAIRFAX VA	BDTS	30000101DCD

Stations Potentially Affected by Proposed Station

Chan No.	Call	City/State	Dist(km)	Status	Application Ref.
16	WMJF-LP	TOWSON MD	78.6	LIC	BLTTA
20050909ADB					
17	WXOB-LP	RICHMOND VA	142.4	LIC	BLTTA
20020809AAN					
23	WLYH-TV	LANCASTER PA	167.4	LIC	BLCDT
20040922AAC					

+ Indicates station is part of a DTS

Analysis of Interference to Affected Station 1

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

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
15 20070215AAB	WFDC-DT	ARLINGTON VA	65.1	LIC	BLCDDT	-
15 20080618AKE	WFDC-DT	ARLINGTON VA	65.1	CP	BPCDDT	-
16 20080619ADA	WHRO-TV	HAMPTON-NORFOLK VA	287.7	CP	BPEDT	-
16 20020604AAB	WHRO-TV	HAMPTON-NORFOLK VA	287.7	LIC	BLEDT	-
23 20040922AAC	WLYH-TV	LANCASTER PA	97.1	LIC	BLCDDT	-

24	WNVC	FAIRFAX VA	78.6	PLN	DTVPLN	-
DTVP0893						
30	WGCB-TV	RED LION PA	56.6	LIC	BLCDDT	-
20050615AAB						
30	WNVN	GOLDVEIN VA	111.5	LIC	BLEDN	-
20031230AAR						
31	WPPX-TV	WILMINGTON DE	137.5	APP	BPCDDT	-
20080620AMP						
31	WPPX-TV	WILMINGTON DE	137.5	LIC	BLCDDT	-
20031203AFL						
24	WNVC	FAIRFAX VA	78.6	APP	BDTS	-
30000101DCD						
24	WNVC	FAIRFAX VA	65.1	APP	BDTS	-
30000101DCD						

Proposed station is beyond the site to
nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 2

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
17	WXOB-LP	RICHMOND VA	BLTTA	-20020809AAN

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
16	WHRO-TV	HAMPTON-NORFOLK VA	126.7	CP	BPEDT	-
20080619ADA						
16	WHRO-TV	HAMPTON-NORFOLK VA	126.7	LIC	BLEDN	-
20020604AAB						
17	WNCN	GOLDSBORO NC	233.7	CP MOD	BMPCDDT	-
20081218AEV						
17	WPHL-TV	PHILADELPHIA PA	334.1	CP MOD	BMPCDDT	-
20080619ALB						
17	WKTD-CD	PORTSMOUTH VA	125.2	LIC	BLTTA	-
20050316ACC						
17	WFXR	ROANOKE VA	237.6	CP	BPCDDT	-
20080619AJU						
17	W17AL	MATHIAS, ETC. WV	180.5	LIC	BLTT	-
19871117IB						
19	WCAV	CHARLOTTESVILLE VA	94.2	LIC	BLCDDT	-
20090522ADB						
24	WNVC	FAIRFAX VA	142.4	PLN	DTVPLN	-
DTVP0893						
25	WTVR-TV	RICHMOND VA	13.6	LIC	BLCDDT	-
20021204ABA						
31	WAVY-TV	PORTSMOUTH VA	125.2	LIC	BLCDDT	-
20010409ABP						
32	WVIR-TV	CHARLOTTESVILLE VA	94.2	LIC	BLCDDT	-
20040908AAE						
24	WNVC	FAIRFAX VA	142.4	APP	BDTS	-
30000101DCD						
24	WNVC	FAIRFAX VA		APP	BDTS	-
30000101DCD						

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 3

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
23	WLYH-TV	LANCASTER PA	BLCDT	-20040922AAC

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
22	WNJS	CAMDEN NJ	150.2	LIC	BLEDT	-
20070611AAY						
22	WNJS	CAMDEN NJ	150.2	CP	BPEDT	-
20080620ALH						
23	WPXJ-TV	BATAVIA NY	319.8	CP	BPCDT	-
20080311ACI						
23	WFTY-DT	SMITHTOWN NY	304.4	CP	BPCDT	-
20080613ACJ						
23	WFTY-DT	SMITHTOWN NY	304.4	LIC	BLCDT	-
20030113ABS						
24	WNYE-TV	NEW YORK NY	216.4	LIC	BLEDT	-
20071228ABM						
24	WNYE-TV	NEW YORK NY	216.4	CP MOD	BMPEDT	-
20070124AAX						
24	WATM-TV	ALTOONA PA	170.9	LIC	BLCDT	-
20050603ACF						
24	WNVC	FAIRFAX VA	167.4	PLN	DTVPLN	-
DTVP0893						
24	WNVC	FAIRFAX VA	167.4	APP	BDTS	-
30000101DCD						
24	WNVC	FAIRFAX VA	156.2	APP	BDTS	-
30000101DCD						

Proposal causes no interference

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Analysis of Interference to Affected Station 4

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
24	WPSJ-LP	HAMMONTON, ETC. NJ	BLTTA	-20060720ADQ

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
17	WPHL-TV	PHILADELPHIA PA	48.5	CP MOD	BMPCDT	-
20080619ALB						
22	WNJS	CAMDEN NJ	0.0	LIC	BLEDT	-
20070611AAY						

22	WNJS	CAMDEN NJ	0.0	CP	BPEDT	-
20080620ALH						
24	WNYE-TV	NEW YORK NY	135.4	LIC	BLEDT	-
20071228ABM						
24	WNYE-TV	NEW YORK NY	135.4	CP MOD	BMPEDT	-
20070124AAX						
24	WSTM-TV	SYRACUSE NY	373.0	CP	BPCDT	-
20080320ACI						
24	WATM-TV	ALTOONA PA	319.8	LIC	BLCDDT	-
20050603ACF						
24	W24BB	EAST STROUDSBURG PA	154.8	LIC	BLTTL	-
19911219JM						
24	W24CS	READING PA	113.6	LIC	BLTT	-
20030321AAO						
24	WNVC	FAIRFAX VA	225.6	PLN	DTVPLN	-
DTVP0893						
25	WTVE	READING PA	113.6	CP	BPCDT	-
20100129ADA						
25	WTVE	READING PA	48.4	CP	BPCDT	-
20100129ADA						
25	WTVE	READING PA	48.4	LIC	BLCDDT	-
20081117ADZ						
25	WTVE	READING PA	98.7	APP	BPCDT	-
20100422ACQ						
26	KYW-TV	PHILADELPHIA PA	48.8	CP	BPCDT	-
20080620ABO						
27	WGTW-TV	BURLINGTON NJ	48.3	LIC	BLCDDT	-
20060105AAR						
28	WNBC	NEW YORK NY	134.7	STA	BDSTA	-
20041220ADE						
28	WNBC	NEW YORK NY	134.7	CP MOD	BMPCDDT	-
20080314ACO						
28	WNBC	NEW YORK NY	134.7	APP	BPCDT	-
20090818ACL						
28	WNBC	NEW YORK NY	129.4	APP	BPCDT	-
20090818ACL						
28	WNBC	NEW YORK NY	130.2	APP	BPCDT	-
20080620ADL						
31	WPPX-TV	WILMINGTON DE	48.3	APP	BPCDT	-
20080620AMP						
31	WPPX-TV	WILMINGTON DE	48.3	LIC	BLCDDT	-
20031203AFL						
31	WPXN-TV	NEW YORK NY	130.2	APP	BMPCDDT	-
20080620ALZ						
31	WPXN-TV	NEW YORK NY	134.7	CP MOD	BMPCDDT	-
20080926ACT						
32	WPSG	PHILADELPHIA PA	48.3	LIC	BLCDDT	-
20021025AAS						
32	WPSG	PHILADELPHIA PA	48.3	CP	BPCDT	-
20080616ABE						
38	WWOR-TV	SECAUCUS NJ	134.7	CP MOD	BMPCDDT	-
20080620AHC						
39	WQAV-LD	ATLANTIC CITY NJ	0.8	LIC	BLDTL	-
20100113ADM						
39	WLVT-TV	ALLENTOWN PA	105.9	LIC	BLEDT	-
20090605ABD						
24	WNVC	FAIRFAX VA	225.6	APP	BDTS	-
30000101DCD						
24	WNVC	FAIRFAX VA	211.4	APP	BDTS	-
30000101DCD						

Proposal causes no interference

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Analysis of Interference to Affected Station 5

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
24	WNYE-TV	NEW YORK NY	BLEDT	-20071228ABM

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
23	WFTY-DT	SMITHTOWN NY	88.2	CP	BPCDT	-
20080613ACJ						
23	WFTY-DT	SMITHTOWN NY	88.2	LIC	BLCDDT	-
20030113ABS						
23	WLYH-TV	LANCASTER PA	216.4	LIC	BLCDDT	-
20040922AAC						
24	WSTM-TV	SYRACUSE NY	300.6	CP	BPCDT	-
20080320ACI						
24	WATM-TV	ALTOONA PA	376.3	LIC	BLCDDT	-
20050603ACF						
24	WNVC	FAIRFAX VA	346.5	PLN	DTVPLN	-
DTVP0893						
24	WVTA	WINDSOR VT	323.8	LIC	BLEDT	-
20070307AAW						
25	WTVE	READING PA	167.6	CP	BPCDT	-
20100129ADA						
25	WTVE	READING PA	132.3	CP	BPCDT	-
20100129ADA						
25	WTVE	READING PA	132.3	LIC	BLCDDT	-
20081117ADZ						
25	WTVE	READING PA	151.8	APP	BPCDT	-
20100422ACQ						
24	WNVC	FAIRFAX VA	346.5	APP	BDTS	-
30000101DCD						
24	WNVC	FAIRFAX VA	332.4	APP	BDTS	-
30000101DCD						

Total scenarios = 4

Result key: 1
Scenario 1 Affected station 5
Before Analysis

Results for: 24A NY NEW YORK BLEDT 20071228ABM LIC
HAAT 310.0 m, ATV ERP 151.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	18623752	22164.0
not affected by terrain losses	18462641	21146.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	335052	484.5
lost to ATV IX only	335052	484.5
lost to all IX	335052	484.5

Potential Interfering Stations Included in above Scenario 1

23A NY SMITHTOWN	BPCDT	20080613ACJ	CP
24A NY SYRACUSE	BPCDT	20080320ACI	CP
24A PA ALTOONA	BLCDT	20050603ACF	LIC
24A VT WINDSOR	BLEDT	20070307AAW	LIC

After Analysis

Results for: 24A NY NEW YORK BLEDT 20071228ABM LIC
HAAT 310.0 m, ATV ERP 151.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	18623752	22164.0
not affected by terrain losses	18462641	21146.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	336233	488.5
lost to ATV IX only	336233	488.5
lost to all IX	336233	488.5

Potential Interfering Stations Included in above Scenario 1

23A NY SMITHTOWN	BPCDT	20080613ACJ	CP
24A NY SYRACUSE	BPCDT	20080320ACI	CP
24A PA ALTOONA	BLCDT	20050603ACF	LIC
24A VT WINDSOR	BLEDT	20070307AAW	LIC
24A VA FAIRFAX	BDTS	30000101DCD	APP

Percent new IX = 0.0065%

Result key: 2
Scenario 2 Affected station 5
Before Analysis

Results for: 24A NY NEW YORK BLEDT 20071228ABM LIC
HAAT 310.0 m, ATV ERP 151.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	18623752	22164.0
not affected by terrain losses	18462641	21146.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	239202	270.5
lost to ATV IX only	239202	270.5
lost to all IX	239202	270.5

Potential Interfering Stations Included in above Scenario 2

23A NY SMITHTOWN	BLCDT	20030113ABS	LIC
24A NY SYRACUSE	BPCDT	20080320ACI	CP
24A PA ALTOONA	BLCDT	20050603ACF	LIC
24A VT WINDSOR	BLEDT	20070307AAW	LIC

After Analysis

Results for: 24A NY NEW YORK BLEDT 20071228ABM LIC
HAAT 310.0 m, ATV ERP 151.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	18623752	22164.0
not affected by terrain losses	18462641	21146.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	240383	274.5
lost to ATV IX only	240383	274.5

lost to all IX 240383 274.5

Potential Interfering Stations Included in above Scenario 2

23A NY SMITHTOWN	BLCDT	20030113ABS	LIC
24A NY SYRACUSE	BPCDT	20080320ACI	CP
24A PA ALTOONA	BLCDT	20050603ACF	LIC
24A VT WINDSOR	BLEDT	20070307AAW	LIC
24A VA FAIRFAX	BDTS	30000101DCD	APP

Percent new IX = 0.0065%

Result key: 3
Scenario 3 Affected station 5
Before Analysis

Results for: 24A NY NEW YORK BLEDT 20071228ABM LIC
HAAT 310.0 m, ATV ERP 151.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	18623752	22164.0
not affected by terrain losses	18462641	21146.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	335991	492.5
lost to ATV IX only	335991	492.5
lost to all IX	335991	492.5

Potential Interfering Stations Included in above Scenario 3

23A NY SMITHTOWN	BPCDT	20080613ACJ	CP
24A NY SYRACUSE	BPCDT	20080320ACI	CP
24A PA ALTOONA	BLCDT	20050603ACF	LIC
24A VT WINDSOR	BLEDT	20070307AAW	LIC
25A PA READING	BPCDT	20100422ACQ	APP

After Analysis

Results for: 24A NY NEW YORK BLEDT 20071228ABM LIC
HAAT 310.0 m, ATV ERP 151.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	18623752	22164.0
not affected by terrain losses	18462641	21146.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	337172	496.6
lost to ATV IX only	337172	496.6
lost to all IX	337172	496.6

Potential Interfering Stations Included in above Scenario 3

23A NY SMITHTOWN	BPCDT	20080613ACJ	CP
24A NY SYRACUSE	BPCDT	20080320ACI	CP
24A PA ALTOONA	BLCDT	20050603ACF	LIC
24A VT WINDSOR	BLEDT	20070307AAW	LIC
25A PA READING	BPCDT	20100422ACQ	APP
24A VA FAIRFAX	BDTS	30000101DCD	APP

Percent new IX = 0.0065%

Result key: 4
Scenario 4 Affected station 5
Before Analysis

Results for: 24A NY NEW YORK BLEDT 20071228ABM LIC
HAAT 310.0 m, ATV ERP 151.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	18623752	22164.0
not affected by terrain losses	18462641	21146.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	240141	278.6
lost to ATV IX only	240141	278.6
lost to all IX	240141	278.6

Potential Interfering Stations Included in above Scenario 4

23A NY SMITHTOWN	BLCDT	20030113ABS	LIC
24A NY SYRACUSE	BPCDT	20080320ACI	CP
24A PA ALTOONA	BLCDT	20050603ACF	LIC
24A VT WINDSOR	BLEDT	20070307AAW	LIC
25A PA READING	BPCDT	20100422ACQ	APP

After Analysis

Results for: 24A NY NEW YORK BLEDT 20071228ABM LIC
HAAT 310.0 m, ATV ERP 151.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	18623752	22164.0
not affected by terrain losses	18462641	21146.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	241322	282.6
lost to ATV IX only	241322	282.6
lost to all IX	241322	282.6

Potential Interfering Stations Included in above Scenario 4

23A NY SMITHTOWN	BLCDT	20030113ABS	LIC
24A NY SYRACUSE	BPCDT	20080320ACI	CP
24A PA ALTOONA	BLCDT	20050603ACF	LIC
24A VT WINDSOR	BLEDT	20070307AAW	LIC
25A PA READING	BPCDT	20100422ACQ	APP
24A VA FAIRFAX	BDTS	30000101DCD	APP

Percent new IX = 0.0065%

Worst case new IX 0.0065% Scenario 3

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Analysis of Interference to Affected Station 6

Analysis of current record

Channel	Call	City/State	Application Ref. No.
24	WNYE-TV	NEW YORK NY	BMPEDT -20070124AAX

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application Ref.
23	WFTY-DT	SMITHTOWN NY	88.2	CP	BPCDT -
20080613ACJ					

23	WFTY-DT	SMITHTOWN NY	88.2	LIC	BLCDDT	-
20030113ABS						
23	WLYH-TV	LANCASTER PA	216.4	LIC	BLCDDT	-
20040922AAC						
24	WSTM-TV	SYRACUSE NY	300.6	CP	BPCDDT	-
20080320ACI						
24	WATM-TV	ALTOONA PA	376.3	LIC	BLCDDT	-
20050603ACF						
24	WNVC	FAIRFAX VA	346.5	PLN	DTVPLN	-
DTVP0893						
24	WVTA	WINDSOR VT	323.8	LIC	BLEDT	-
20070307AAW						
25	WTVE	READING PA	167.6	CP	BPCDDT	-
20100129ADA						
25	WTVE	READING PA	132.3	CP	BPCDDT	-
20100129ADA						
25	WTVE	READING PA	132.3	LIC	BLCDDT	-
20081117ADZ						
25	WTVE	READING PA	151.8	APP	BPCDDT	-
20100422ACQ						
24	WNVC	FAIRFAX VA	346.5	APP	BDS	-
30000101DCD						
24	WNVC	FAIRFAX VA	332.4	APP	BDS	-
30000101DCD						

Total scenarios = 4

Result key: 5
 Scenario 1 Affected station 6
 Before Analysis

Results for: 24A NY NEW YORK BMPEDT 20070124AAX CP
 HAAT 310.0 m, ATV ERP 151.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	18623752	22164.0
not affected by terrain losses	18462641	21146.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	335052	484.5
lost to ATV IX only	335052	484.5
lost to all IX	335052	484.5

Potential Interfering Stations Included in above Scenario 1

23A NY SMITHTOWN	BPCDDT	20080613ACJ	CP
24A NY SYRACUSE	BPCDDT	20080320ACI	CP
24A PA ALTOONA	BLCDDT	20050603ACF	LIC
24A VT WINDSOR	BLEDT	20070307AAW	LIC

After Analysis

Results for: 24A NY NEW YORK BMPEDT 20070124AAX CP
 HAAT 310.0 m, ATV ERP 151.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	18623752	22164.0
not affected by terrain losses	18462641	21146.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	336233	488.5
lost to ATV IX only	336233	488.5
lost to all IX	336233	488.5

Potential Interfering Stations Included in above Scenario 1

23A NY SMITHTOWN	BPCDT	20080613ACJ	CP
24A NY SYRACUSE	BPCDT	20080320ACI	CP
24A PA ALTOONA	BLCDT	20050603ACF	LIC
24A VT WINDSOR	BLEDT	20070307AAW	LIC
24A VA FAIRFAX	BDTS	30000101DCD	APP

Percent new IX = 0.0065%

Result key: 6
 Scenario 2 Affected station 6
 Before Analysis

Results for: 24A NY NEW YORK BMPEDT 20070124AAX CP
 HAAT 310.0 m, ATV ERP 151.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	18623752	22164.0
not affected by terrain losses	18462641	21146.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	239202	270.5
lost to ATV IX only	239202	270.5
lost to all IX	239202	270.5

Potential Interfering Stations Included in above Scenario 2

23A NY SMITHTOWN	BLCDT	20030113ABS	LIC
24A NY SYRACUSE	BPCDT	20080320ACI	CP
24A PA ALTOONA	BLCDT	20050603ACF	LIC
24A VT WINDSOR	BLEDT	20070307AAW	LIC

After Analysis

Results for: 24A NY NEW YORK BMPEDT 20070124AAX CP
 HAAT 310.0 m, ATV ERP 151.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	18623752	22164.0
not affected by terrain losses	18462641	21146.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	240383	274.5
lost to ATV IX only	240383	274.5
lost to all IX	240383	274.5

Potential Interfering Stations Included in above Scenario 2

23A NY SMITHTOWN	BLCDT	20030113ABS	LIC
24A NY SYRACUSE	BPCDT	20080320ACI	CP
24A PA ALTOONA	BLCDT	20050603ACF	LIC
24A VT WINDSOR	BLEDT	20070307AAW	LIC
24A VA FAIRFAX	BDTS	30000101DCD	APP

Percent new IX = 0.0065%

Result key: 7
 Scenario 3 Affected station 6
 Before Analysis

Results for: 24A NY NEW YORK BMPEDT 20070124AAX CP
 HAAT 310.0 m, ATV ERP 151.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	18623752	22164.0
not affected by terrain losses	18462641	21146.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	335991	492.5
lost to ATV IX only	335991	492.5
lost to all IX	335991	492.5

Potential Interfering Stations Included in above Scenario 3

23A NY SMITHTOWN	BPCDT	20080613ACJ	CP
24A NY SYRACUSE	BPCDT	20080320ACI	CP
24A PA ALTOONA	BLCDT	20050603ACF	LIC
24A VT WINDSOR	BLEDT	20070307AAW	LIC
25A PA READING	BPCDT	20100422ACQ	APP

After Analysis

Results for: 24A NY NEW YORK BMPEDT 20070124AAX CP
HAAT 310.0 m, ATV ERP 151.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	18623752	22164.0
not affected by terrain losses	18462641	21146.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	337172	496.6
lost to ATV IX only	337172	496.6
lost to all IX	337172	496.6

Potential Interfering Stations Included in above Scenario 3

23A NY SMITHTOWN	BPCDT	20080613ACJ	CP
24A NY SYRACUSE	BPCDT	20080320ACI	CP
24A PA ALTOONA	BLCDT	20050603ACF	LIC
24A VT WINDSOR	BLEDT	20070307AAW	LIC
25A PA READING	BPCDT	20100422ACQ	APP
24A VA FAIRFAX	BDTS	30000101DCD	APP

Percent new IX = 0.0065%

Result key: 8
Scenario 4 Affected station 6
Before Analysis

Results for: 24A NY NEW YORK BMPEDT 20070124AAX CP
HAAT 310.0 m, ATV ERP 151.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	18623752	22164.0
not affected by terrain losses	18462641	21146.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	240141	278.6
lost to ATV IX only	240141	278.6
lost to all IX	240141	278.6

Potential Interfering Stations Included in above Scenario 4

23A NY SMITHTOWN	BLCDT	20030113ABS	LIC
24A NY SYRACUSE	BPCDT	20080320ACI	CP
24A PA ALTOONA	BLCDT	20050603ACF	LIC
24A VT WINDSOR	BLEDT	20070307AAW	LIC
25A PA READING	BPCDT	20100422ACQ	APP

After Analysis

Results for: 24A NY NEW YORK BMPEDT 20070124AAX CP
 HAAT 310.0 m, ATV ERP 151.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	18623752	22164.0
not affected by terrain losses	18462641	21146.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	241322	282.6
lost to ATV IX only	241322	282.6
lost to all IX	241322	282.6

Potential Interfering Stations Included in above Scenario 4

23A NY SMITHTOWN	BLCDT	20030113ABS	LIC
24A NY SYRACUSE	BPCDT	20080320ACI	CP
24A PA ALTOONA	BLCDT	20050603ACF	LIC
24A VT WINDSOR	BLEDT	20070307AAW	LIC
25A PA READING	BPCDT	20100422ACQ	APP
24A VA FAIRFAX	BDTS	30000101DCD	APP

Percent new IX = 0.0065%

Worst case new IX 0.0065% Scenario 3

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Analysis of Interference to Affected Station 7

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
24	WATM-TV	ALTOONA PA	BLCDT	-20050603ACF

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
23	WLYH-TV	LANCASTER PA	170.9	LIC	BLCDT	-
20040922AAC						
24	WNYE-TV	NEW YORK NY	376.3	LIC	BLEDT	-
20071228ABM						
24	WNYE-TV	NEW YORK NY	376.3	CP MOD	BMPEDT	-
20070124AAX						
24	WSTM-TV	SYRACUSE NY	327.0	CP	BPCDT	-
20080320ACI						
24	WSFJ-TV	NEWARK OH	364.3	LIC	BLCDT	-
20060620ABC						
24	WJET-TV	ERIE PA	212.6	CP MOD	BMPCDT	-
20080612ABV						
24	WDRL-TV	DANVILLE VA	407.4	CP	BPCDT	-
20080317AIL						
24	WNVC	FAIRFAX VA	215.3	PLN	DTVPLN	-
DTVP0893						
25	KDKA-TV	PITTSBURGH PA	133.3	LIC	BLCDT	-
20041004ACS						
25	WTVE	READING PA	216.5	CP	BPCDT	-
20100129ADA						

24	WNVC	FAIRFAX VA	215.3	APP	BDTS	-
30000101DCD						
24	WNVC	FAIRFAX VA	215.2	APP	BDTS	-
30000101DCD						
25	WTVE	READING PA		CP	BPCDT	-
20100129ADA						

Total scenarios = 2

Result key: 9
Scenario 1 Affected station 7
Before Analysis

Results for: 24A PA ALTOONA BLCDT 20050603ACF LIC
HAAT 311.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	923982	24246.7
not affected by terrain losses	763532	20168.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	7229	424.2
lost to ATV IX only	7229	424.2
lost to all IX	7229	424.2

Potential Interfering Stations Included in above Scenario 1

23A PA LANCASTER	BLCDT	20040922AAC	LIC
24A NY NEW YORK	BLEDT	20071228ABM	LIC
24A NY SYRACUSE	BPCDT	20080320ACI	CP
24A OH NEWARK	BLCDT	20060620ABC	LIC
24A PA ERIE	BMPCDT	20080612ABV	CP
25A PA PITTSBURGH	BLCDT	20041004ACS	LIC
24A VA FAIRFAX	DTVPLN	DTVP0893	PLN

After Analysis

Results for: 24A PA ALTOONA BLCDT 20050603ACF LIC
HAAT 311.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	923982	24246.7
not affected by terrain losses	763532	20168.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	7652	492.2
lost to ATV IX only	7652	492.2
lost to all IX	7652	492.2

Potential Interfering Stations Included in above Scenario 1

23A PA LANCASTER	BLCDT	20040922AAC	LIC
24A NY NEW YORK	BLEDT	20071228ABM	LIC
24A NY SYRACUSE	BPCDT	20080320ACI	CP
24A OH NEWARK	BLCDT	20060620ABC	LIC
24A PA ERIE	BMPCDT	20080612ABV	CP
25A PA PITTSBURGH	BLCDT	20041004ACS	LIC
24A VA FAIRFAX	BDTS	30000101DCD	APP

Percent new IX = 0.0559%

Result key: 10
Scenario 2 Affected station 7

Before Analysis

Results for: 24A PA ALTOONA BLCDT 20050603ACF LIC
HAAT 311.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	923982	24246.7
not affected by terrain losses	763532	20168.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	7229	424.2
lost to ATV IX only	7229	424.2
lost to all IX	7229	424.2

Potential Interfering Stations Included in above Scenario 2

23A PA LANCASTER	BLCDT	20040922AAC	LIC
24A NY NEW YORK	BMPEDT	20070124AAX	CP
24A NY SYRACUSE	BPCDT	20080320ACI	CP
24A OH NEWARK	BLCDT	20060620ABC	LIC
24A PA ERIE	BMPCDT	20080612ABV	CP
25A PA PITTSBURGH	BLCDT	20041004ACS	LIC
24A VA FAIRFAX	DTVPLN	DTVP0893	PLN

After Analysis

Results for: 24A PA ALTOONA BLCDT 20050603ACF LIC
HAAT 311.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	923982	24246.7
not affected by terrain losses	763532	20168.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	7652	492.2
lost to ATV IX only	7652	492.2
lost to all IX	7652	492.2

Potential Interfering Stations Included in above Scenario 2

23A PA LANCASTER	BLCDT	20040922AAC	LIC
24A NY NEW YORK	BMPEDT	20070124AAX	CP
24A NY SYRACUSE	BPCDT	20080320ACI	CP
24A OH NEWARK	BLCDT	20060620ABC	LIC
24A PA ERIE	BMPCDT	20080612ABV	CP
25A PA PITTSBURGH	BLCDT	20041004ACS	LIC
24A VA FAIRFAX	BDTS	30000101DCD	APP

Percent new IX = 0.0559%

Worst case new IX 0.0559% Scenario 1

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Analysis of Interference to Affected Station 8

Analysis of current record

Channel	Call	City/State	Application Ref. No.
24	W24DB	CLARKS SUMMIT PA	BLTTA -20041202ADB

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
24	W59DG	ELMIRA NY	112.4	CP	BPTT	-
20031212	ADX					
24	WNYE-TV	NEW YORK NY	164.4	LIC	BLEDT	-
20071228	ABM					
24	WNYE-TV	NEW YORK NY	164.4	CP MOD	BMPEDT	-
20070124	AAX					
24	WSTM-TV	SYRACUSE NY	170.8	CP	BPCDT	-
20080320	ACI					
24	WATM-TV	ALTOONA PA	247.3	LIC	BLCDDT	-
20050603	ACF					
24	W24BB	EAST STROUDSBURG PA	49.2	LIC	BLTTL	-
19911219	JM					
24	WJET-TV	ERIE PA	366.1	CP MOD	BMPCDDT	-
20080612	ABV					
24	WNVC	FAIRFAX VA	311.7	PLN	DTVPLN	-
DTVP0893						
24	WVTA	WINDSOR VT	348.9	LIC	BLEDT	-
20070307	AAW					
25	WTVE	READING PA	121.0	CP	BPCDDT	-
20100129	ADA					
25	WTVE	READING PA	122.8	APP	BPCDDT	-
20100422	ACQ					
25	WYOU	WAYMART PA	33.4	LIC	BLCDDT	-
20091211	ACN					
31	WSWB	SCRANTON PA	0.0	LIC	BMLCDDT	-
20090529	AJJ					
31	WSWB-DR	SCRANTON PA	0.0	APP	BPRM	-
20080619	ALI					
32	WQPX-TV	SCRANTON PA	0.3	LIC	BLCDDT	-
20060629	AFR					
39	WLVT-TV	ALLENTOWN PA	99.9	LIC	BLEDT	-
20090605	ABD					
24	WNVC	FAIRFAX VA	311.7	APP	BDTS	-
30000101	DCD					
24	WNVC	FAIRFAX VA	300.2	APP	BDTS	-
30000101	DCD					
25	WTVE	READING PA		CP	BPCDDT	-
20100129	ADA					

Proposal causes no interference

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Analysis of Interference to Affected Station 9

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
24	W24BB	EAST STROUDSBURG PA	BLTTL	-19911219JM

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
17	WPHL-TV	PHILADELPHIA PA	111.7	CP MOD	BMPCDDT	-
20080619	ALB					
21	WHP-TV	HARRISBURG PA	137.7	APP	BMPCDDT	-
20100325	ABG					

21	WHP-TV	HARRISBURG PA	137.7	CP MOD	BMPCDT	-
20080606AEJ						
23	WLYH-TV	LANCASTER PA	117.3	LIC	BLCDDT	-
20040922AAC						
24	WPSJ-LP	HAMMONTON, ETC. NJ	154.8	LIC	BLTTA	-
20060720ADQ						
24	W59DG	ELMIRA NY	157.5	CP	BPTT	-
20031212ADX						
24	WNYE-TV	NEW YORK NY	131.0	LIC	BLEDT	-
20071228ABM						
24	WNYE-TV	NEW YORK NY	131.0	CP MOD	BMPEDT	-
20070124AAX						
24	WSTM-TV	SYRACUSE NY	219.2	CP	BPCDDT	-
20080320ACI						
24	WATM-TV	ALTOONA PA	252.5	LIC	BLCDDT	-
20050603ACF						
24	W24DB	CLARKS SUMMIT PA	49.2	LIC	BLTTA	-
20041202ADB						
24	W24CS	READING PA	81.8	LIC	BLTT	-
20030321AAO						
24	W24CS	READING PA	81.8	CP	BDFCDTT	-
20060331AXW						
24	WNVC	FAIRFAX VA	280.5	PLN	DTVPLN	-
DTVP0893						
24	WVTA	WINDSOR VT	367.3	LIC	BLEDT	-
20070307AAW						
25	WTVE	READING PA	81.8	CP	BPCDDT	-
20100129ADA						
25	WTVE	READING PA	111.8	CP	BPCDDT	-
20100129ADA						
25	WTVE	READING PA	111.8	LIC	BLCDDT	-
20081117ADZ						
25	WTVE	READING PA	79.0	APP	BPCDDT	-
20100422ACQ						
26	KYW-TV	PHILADELPHIA PA	111.6	CP	BPCDDT	-
20080620ABO						
27	WGTW-TV	BURLINGTON NJ	111.8	LIC	BLCDDT	-
20060105AAR						
27	WTBY-TV	POUGHKEEPSIE NY	139.8	CP	BPCDDT	-
20080619ABY						
27	WTBY-TV	POUGHKEEPSIE NY	139.8	LIC	BMLCDDT	-
20061031ACG						
28	WNBC	NEW YORK NY	131.3	STA	BDSTA	-
20041220ADE						
28	WNBC	NEW YORK NY	131.3	CP MOD	BMPCDDT	-
20080314ACO						
28	WNBC	NEW YORK NY	131.3	APP	BPCDDT	-
20090818ACL						
28	WNBC	NEW YORK NY	134.5	APP	BPCDDT	-
20090818ACL						
28	WNBC	NEW YORK NY	130.1	APP	BPCDDT	-
20080620ADL						
31	WPPX-TV	WILMINGTON DE	111.8	APP	BPCDDT	-
20080620AMP						
31	WPPX-TV	WILMINGTON DE	111.8	LIC	BLCDDT	-
20031203AFL						
31	WPXN-TV	NEW YORK NY	130.1	APP	BMPCDDT	-
20080620ALZ						
31	WPXN-TV	NEW YORK NY	131.3	CP MOD	BMPCDDT	-
20080926ACT						

31	WSWB	SCRANTON PA	49.2	LIC	BMLCDT	-
20090529AJJ						
31	WSWB-DR	SCRANTON PA	49.2	APP	BPRM	-
20080619ALI						
32	WPSG	PHILADELPHIA PA	111.8	LIC	BLCDDT	-
20021025AAS						
32	WPSG	PHILADELPHIA PA	111.8	CP	BPCDDT	-
20080616ABE						
32	WQPX-TV	SCRANTON PA	49.0	LIC	BLCDDT	-
20060629AFR						
38	WWOR-TV	SECAUCUS NJ	131.3	CP MOD	BMPCDDT	-
20080620AHC						
39	WLVT-TV	ALLENTOWN PA	51.7	LIC	BLEDDT	-
20090605ABD						
24	WNVC	FAIRFAX VA	280.5	APP	BDTS	-
30000101DCD						
24	WNVC	FAIRFAX VA	268.0	APP	BDTS	-
30000101DCD						
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.
24	WJET-TV	ERIE PA	BMPCDDT	-20080612ABV

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
23	WPXJ-TV	BATAVIA NY	193.3	CP	BPCDDT	-
20080311ACI						
23	WVPX-TV	AKRON OH	166.2	CP MOD	BMPCDDT	-
20080619AEG						
24	WSTM-TV	SYRACUSE NY	339.0	CP	BPCDDT	-
20080320ACI						
24	WSFJ-TV	NEWARK OH	309.7	LIC	BLCDDT	-
20060620ABC						
24	WATM-TV	ALTOONA PA	212.6	LIC	BLCDDT	-
20050603ACF						
24	WNVC	FAIRFAX VA	426.3	PLN	DTVPLN	-
DTVP0893						
25	KDKA-TV	PITTSBURGH PA	171.9	LIC	BLCDDT	-
20041004ACS						
24	WNVC	FAIRFAX VA	426.3	APP	BDTS	-
30000101DCD						
24	WNVC	FAIRFAX VA	427.2	APP	BDTS	-
30000101DCD						
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.
24	WDRL-TV	DANVILLE VA	BPCDT	-20080317AIL

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
24	WKPI-TV	PIKEVILLE KY	263.4	LIC	BLEDT	-
20020313ABL						
24	WATM-TV	ALTOONA PA	407.4	LIC	BLCDDT	-
20050603ACF						
24	WNVC	FAIRFAX VA	292.0	PLN	DTVPLN	-
DTVP0893						
25	WUNC-TV	CHAPEL HILL NC	132.2	CP MOD	BMPEDT	-
20080617AAK						
25	WTVR-TV	RICHMOND VA	183.0	LIC	BLCDDT	-
20021204ABA						
24	WNVC	FAIRFAX VA	292.0	APP	BDTS	-
30000101DCD						
24	WNVC	FAIRFAX VA	305.9	APP	BDTS	-
30000101DCD						

Total scenarios = 1

Result key: 11
Scenario 1 Affected station 11
Before Analysis

Results for: 24A VA DANVILLE BPCDT 20080317AIL CP
HAAT 378.0 m, ATV ERP 63.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	927485	19861.2
not affected by terrain losses	854541	18122.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	638	24.0
lost to ATV IX only	638	24.0
lost to all IX	638	24.0

Potential Interfering Stations Included in above Scenario 1

24A KY PIKEVILLE	BLEDT	20020313ABL	LIC
25A NC CHAPEL HILL	BMPEDT	20080617AAK	CP

After Analysis

Results for: 24A VA DANVILLE BPCDT 20080317AIL CP
HAAT 378.0 m, ATV ERP 63.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	927485	19861.2
not affected by terrain losses	854541	18122.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	841	56.1
lost to ATV IX only	841	56.1
lost to all IX	841	56.1

Potential Interfering Stations Included in above Scenario 1

24A KY PIKEVILLE	BLEDT	20020313ABL	LIC
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25A NC CHAPEL HILL BMPEDT 20080617AAK CP
24A VA FAIRFAX BDTS 30000101DCD APP

Percent new IX = 0.0238%

Worst case new IX 0.0238% Scenario 1

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Analysis of Interference to Affected Station 12

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
24	WAZH-CA	HARRISONBURG VA	BLTTL	-19960823JC

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
21	WVPY	FRONT ROYAL VA	42.5	CP	BPEDT	-
20081022ACD						
21	WVPY	FRONT ROYAL VA	42.5	LIC	BLEDT	-
20021220ADZ						
24	WKPI-TV	PIKEVILLE KY	369.4	LIC	BLEDT	-
20020313ABL						
24	W22DA	FREDRICK MD	133.1	APP	BDISDTL	-
20090813ADA						
24	WSFJ-TV	NEWARK OH	360.2	LIC	BLCDT	-
20060620ABC						
24	WATM-TV	ALTOONA PA	192.5	LIC	BLCDT	-
20050603ACF						
24	WJET-TV	ERIE PA	369.4	CP MOD	BMPCDT	-
20080612ABV						
24	W24DF-D	CHARLOTTESVILLE VA	81.0	CP	BDCCDTL	-
20061030AGD						
24	WDRL-TV	DANVILLE VA	216.2	CP	BPCDT	-
20080317AIL						
24	WNVC	FAIRFAX VA	136.9	PLN	DTVPLN	-
DTVP0893						
24	W24DK	WOODSTOCK VA	22.3	CP	BNPTTL	-
20000831AOC						
26	WHAG-TV	HAGERSTOWN MD	114.9	CP MOD	BMPCDT	-
20080619AJL						
28	WFPT	FREDERICK MD	136.4	LIC	BLEDT	-
20090330AFA						
32	WVIR-TV	CHARLOTTESVILLE VA	101.3	LIC	BLCDT	-
20040908AAE						
39	WJAL	HAGERSTOWN MD	135.3	CP	BPCDT	-
20090730ACS						
39	W39AD	CENT.ROCKINGHAM COUN VA	29.1	LIC	BLTT	-
19840131IG						
24	WNVC	FAIRFAX VA	136.9	APP	BDTS	-
30000101DCD						
24	WNVC	FAIRFAX VA	149.4	APP	BDTS	-
30000101DCD						

Proposal causes no interference

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Analysis of Interference to Affected Station 13

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
25	WZDC-CA	WASHINGTON DC	BDFCDTA	-20080804ACV

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
24	WATM-TV	ALTOONA PA	215.2	LIC	BLCDDT	-
20050603ACF						
24	WNVC	FAIRFAX VA	14.3	PLN	DTVPLN	-
DTVP0893						
25	WUNC-TV	CHAPEL HILL NC	388.0	CP MOD	BMPEDT	-
20080617AAK						
25	KDKA-TV	PITTSBURGH PA	304.8	LIC	BLCDDT	-
20041004ACS						
25	WTVE	READING PA	187.0	CP	BPCDDT	-
20100129ADA						
25	WTVE	READING PA	200.1	CP	BPCDDT	-
20100129ADA						
25	WTVE	READING PA	200.1	LIC	BLCDDT	-
20081117ADZ						
25	WTVE	READING PA	194.9	APP	BPCDDT	-
20100422ACQ						
25	WTVR-TV	RICHMOND VA	165.0	LIC	BLCDDT	-
20021204ABA						
26	WHAG-TV	HAGERSTOWN MD	110.5	CP MOD	BMPCDDT	-
20080619AJL						
26	KYW-TV	PHILADELPHIA PA	199.8	CP	BPCDDT	-
20080620ABO						
26	WRLH-TV	RICHMOND VA	165.0	LIC	BLCDDT	-
20041207AAW						
24	WNVC	FAIRFAX VA	14.3	APP	BDTS	-
30000101DCD						
24	WNVC	FAIRFAX VA	0.0	APP	BDTS	-
30000101DCD						

Total scenarios = 2

Result key: 12

Scenario 1 Affected station 13

Before Analysis

Results for: 25A DC WASHINGTON BDFCDTA 20080804ACV CP

HAAT 148.0 m, ATV ERP 4.6 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3256157	3405.5
not affected by terrain losses	3256157	3405.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	155178	260.1
lost to ATV IX only	155178	260.1
lost to all IX	155178	260.1

Potential Interfering Stations Included in above Scenario 1

25A VA RICHMOND	BLCDDT	20021204ABA	LIC
24A VA FAIRFAX	DTVPLN	DTVP0893	PLN

After Analysis

Results for: 25A DC WASHINGTON BDFCDTA 20080804ACV CP

HAAT 148.0 m, ATV ERP 4.6 kW		
	POPULATION	AREA (sq km)
within Noise Limited Contour	3256157	3405.5
not affected by terrain losses	3256157	3405.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	273326	384.2
lost to ATV IX only	273326	384.2
lost to all IX	273326	384.2

Potential Interfering Stations Included in above Scenario 1

25A VA RICHMOND	BLCDDT	20021204ABA	LIC
24A VA FAIRFAX	BDTS	30000101DCD	APP

The following station failed the de minimis interference criteria.

24D VA FAIRFAX	BDTS	30000101DCD
ERP 160.00 kW HAAT 221.0 m RCAMSL 310.0 m		
Antenna none		

Due to interference to the following station and scenario: 1

25D DC WASHINGTON	BDFCDTA	20080804ACV
ERP 4.60 kW HAAT 148.0 m RCAMSL 180.0 m		
Antenna CDB 00000000016383		

Percent new interference from proposal: 3.8100 to BDFCDTA 20080804ACV

Result key: 13
Scenario 2 Affected station 13
Before Analysis

Results for: 25A DC WASHINGTON BDFCDTA 20080804ACV CP

HAAT 148.0 m, ATV ERP 4.6 kW		
	POPULATION	AREA (sq km)
within Noise Limited Contour	3256157	3405.5
not affected by terrain losses	3256157	3405.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	155178	260.1
lost to ATV IX only	155178	260.1
lost to all IX	155178	260.1

Potential Interfering Stations Included in above Scenario 2

25A PA READING	BPCDDT	20100422ACQ	APP
25A VA RICHMOND	BLCDDT	20021204ABA	LIC
24A VA FAIRFAX	DTVPLN	DTVP0893	PLN

After Analysis

Results for: 25A DC WASHINGTON BDFCDTA 20080804ACV CP

HAAT 148.0 m, ATV ERP 4.6 kW		
	POPULATION	AREA (sq km)

within Noise Limited Contour	3256157	3405.5
not affected by terrain losses	3256157	3405.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	273326	384.2
lost to ATV IX only	273326	384.2
lost to all IX	273326	384.2

Potential Interfering Stations Included in above Scenario 2

25A PA READING	BPCDT	20100422ACQ	APP
25A VA RICHMOND	BLCDT	20021204ABA	LIC
24A VA FAIRFAX	BDTS	30000101DCD	APP

The following station failed the de minimis interference criteria.

24D VA FAIRFAX	BDTS	30000101DCD
ERP 160.00 kW HAAT 221.0 m	RCAMSL	310.0 m
Antenna	none	

Due to interference to the following station and scenario: 2

25D DC WASHINGTON	BDFCDTA	20080804ACV
ERP 4.60 kW HAAT 148.0 m	RCAMSL	180.0 m
Antenna CDB 00000000016383		

Percent new interference from proposal: 3.8100 to BDFCDTA
20080804ACV

Worst case new IX 3.8100% Scenario 1

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Analysis of Interference to Affected Station 14

Analysis of current record

Channel	Call	City/State	Application Ref. No.
25	WZDC-CA	WASHINGTON DC	BLTTTL -20070309ADR

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application Ref.
21	WBOC-TV	SALISBURY MD	133.8	LIC	BLCDT -
20060703ABR					
21	WBOC-TV	SALISBURY MD	133.8	CP	BPCDT -
20080620AFP					
21	WVPY	FRONT ROYAL VA	108.0	CP	BPEDT -
20081022ACD					
21	WVPY	FRONT ROYAL VA	108.0	LIC	BLEDT -
20021220ADZ					
24	WNVC	FAIRFAX VA	14.3	PLN	DTVPLN -
DTVP0893					
25	WUNC-TV	CHAPEL HILL NC	388.0	CP MOD	BMPEDT -
20080617AAK					
25	KDKA-TV	PITTSBURGH PA	304.8	LIC	BLCDT -
20041004ACS					
25	WTVE	READING PA	187.0	CP	BPCDT -
20100129ADA					
25	WTVE	READING PA	200.1	CP	BPCDT -

20100129ADA						
25	WTVE	READING PA	200.1	LIC	BLCDT	-
20081117ADZ						
25	WTVE	READING PA	194.9	APP	BPCDT	-
20100422ACQ						
25	WTVR-TV	RICHMOND VA	165.0	LIC	BLCDT	-
20021204ABA						
25	WAZM-CA	STAUNTON-WAYNESBORO VA	158.7	LIC	BLTTL	-
20011107ABW						
26	WZDC-LD	WASHINGTON DC	0.0	APP	BDCCDTL	-
20061027ABW						
26	WHAG-TV	HAGERSTOWN MD	110.5	CP MOD	BMPCDT	-
20080619AJL						
27	WETA-TV	WASHINGTON DC	1.2	LIC	BLEDT	-
20070727ACJ						
28	WFPT	FREDERICK MD	40.8	LIC	BLEDT	-
20090330AFA						
28	WCPB	SALISBURY MD	143.2	CP	BPEDT	-
20080318AAC						
28	WCPB	SALISBURY MD	143.2	LIC	BLEDT	-
20090209AEM						
29	WMPB	BALTIMORE MD	62.1	LIC	BLEDT	-
20090330AEX						
33	WHUT-TV	WASHINGTON DC	1.2	CP	BPEDT	-
20080619AGL						
33	WHUT-TV	WASHINGTON DC	1.2	LIC	BLEDT	-
20071018AIJ						
39	WJAL	HAGERSTOWN MD	130.2	CP	BPCDT	-
20090730ACS						
40	WNUV	BALTIMORE MD	57.7	LIC	BLCDT	-
20051011AOI						
24	WNVC	FAIRFAX VA	14.3	APP	BDTS	-
30000101DCD						
24	WNVC	FAIRFAX VA	0.0	APP	BDTS	-
30000101DCD						

Total scenarios = 3

Result key: 14
Scenario 1 Affected station 14
Before Analysis

Results for: 25N DC WASHINGTON		BLTTL	20070309ADR	LIC
		POPULATION	AREA (sq km)	
within Noise Limited Contour	1980101	1020.4		
not affected by terrain losses	1966129	1008.4		
lost to NTSC IX	0	0.0		
lost to additional IX by ATV	25478	20.0		
lost to all IX	25478	20.0		

Potential Interfering Stations Included in above Scenario 1

25A VA RICHMOND	BLCDT	20021204ABA	LIC
27A DC WASHINGTON	BLEDT	20070727ACJ	LIC
24A VA FAIRFAX	DTVPLN	DTVP0893	PLN

After Analysis

Results for: 25N DC WASHINGTON	BLTTL	20070309ADR	LIC
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	POPULATION	AREA (sq km)
within Noise Limited Contour	1980101	1020.4
not affected by terrain losses	1966129	1008.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	50080	40.0
lost to all IX	50080	40.0

Potential Interfering Stations Included in above Scenario 1

25A VA RICHMOND	BLCDT	20021204ABA	LIC
27A DC WASHINGTON	BLEDT	20070727ACJ	LIC
24A VA FAIRFAX	BDTS	30000101DCD	APP

The following station failed the de minimis interference criteria.

24D VA FAIRFAX	BDTS	30000101DCD
ERP 160.00 kW	HAAT 221.0 m	RCAMSL 310.0 m
Antenna	none	

Due to interference to the following station and scenario: 1

25N DC WASHINGTON	BLTTL	20070309ADR
ERP 28.30 kW	HAAT 177.0 m	RCAMSL 180.0 m
Antenna CDB	00000000016524	

Percent new DTV interference from proposal: 1.2425 BLTTL
20070309ADR

Result key: 15
Scenario 2 Affected station 14
Before Analysis

Results for: 25N DC WASHINGTON BLTTL 20070309ADR LIC

	POPULATION	AREA (sq km)
within Noise Limited Contour	1980101	1020.4
not affected by terrain losses	1966129	1008.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	52849	36.0
lost to all IX	52849	36.0

Potential Interfering Stations Included in above Scenario 2

25A VA RICHMOND	BLCDT	20021204ABA	LIC
26A DC WASHINGTON	BDCCDTL	20061027ABW	APP
27A DC WASHINGTON	BLEDT	20070727ACJ	LIC
24A VA FAIRFAX	DTVPLN	DTVP0893	PLN

After Analysis

Results for: 25N DC WASHINGTON BLTTL 20070309ADR LIC

	POPULATION	AREA (sq km)
within Noise Limited Contour	1980101	1020.4
not affected by terrain losses	1966129	1008.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	72759	52.0
lost to all IX	72759	52.0

Potential Interfering Stations Included in above Scenario 2

25A VA RICHMOND	BLCDT	20021204ABA	LIC
26A DC WASHINGTON	BDCCDTL	20061027ABW	APP

27A DC WASHINGTON	BLEDT	20070727ACJ	LIC
24A VA FAIRFAX	BDTS	30000101DCD	APP

The following station failed the de minimis interference criteria.

24D VA FAIRFAX	BDTS	30000101DCD
ERP 160.00 kW	HAAT 221.0 m	RCAMSL 310.0 m
Antenna	none	

Due to interference to the following station and scenario: 2

25N DC WASHINGTON	BLTTL	20070309ADR
ERP 28.30 kW	HAAT 177.0 m	RCAMSL 180.0 m
Antenna CDB	00000000016524	

Percent new DTV interference from proposal: 1.0055 BLTTL
20070309ADR

Result key: 16
Scenario 3 Affected station 14
Before Analysis

Results for: 25N DC WASHINGTON	BLTTL	20070309ADR	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1980101	1020.4	
not affected by terrain losses	1966129	1008.4	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	25478	20.0	
lost to all IX	25478	20.0	

Potential Interfering Stations Included in above Scenario 3

25A VA RICHMOND	BLCDDT	20021204ABA	LIC
27A DC WASHINGTON	BLEDT	20070727ACJ	LIC
24A VA FAIRFAX	DTVPLN	DTVP0893	PLN

After Analysis

Results for: 25N DC WASHINGTON	BLTTL	20070309ADR	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1980101	1020.4	
not affected by terrain losses	1966129	1008.4	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	50080	40.0	
lost to all IX	50080	40.0	

Potential Interfering Stations Included in above Scenario 3

25A VA RICHMOND	BLCDDT	20021204ABA	LIC
27A DC WASHINGTON	BLEDT	20070727ACJ	LIC
24A VA FAIRFAX	BDTS	30000101DCD	APP

The following station failed the de minimis interference criteria.

24D VA FAIRFAX	BDTS	30000101DCD
ERP 160.00 kW	HAAT 221.0 m	RCAMSL 310.0 m
Antenna	none	

Due to interference to the following station and scenario: 3

25N DC WASHINGTON	BLTTL	20070309ADR
ERP 28.30 kW	HAAT 177.0 m	RCAMSL 180.0 m
Antenna CDB	00000000016524	

Percent new DTV interference from proposal: 1.2425 BLTTL
20070309ADR

Worst case new IX 1.2425% Scenario 1

#####

Analysis of Interference to Affected Station 15

Analysis of current record

DTS STATION

Channel	Call	City/State	Application	Ref. No.
25	WTVE	READING PA	BPCDT	-20100129ADA

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
24	WNYE-TV	NEW YORK NY	132.3	LIC	BLEDT	-
20071228ABM						
24	WNYE-TV	NEW YORK NY	132.3	CP MOD	BMPEDT	-
20070124AAX						
24	WNVC	FAIRFAX VA	214.2	PLN	DTVPLN	-
DTVP0893						
25	WCNY-TV	SYRACUSE NY	330.9	LIC	BMLEDT	-
20040916ABJ						
25	KDKA-TV	PITTSBURGH PA	408.6	LIC	BLCDDT	-
20041004ACS						
25	WTVR-TV	RICHMOND VA	347.8	LIC	BLCDDT	-
20021204ABA						
26	WHAG-TV	HAGERSTOWN MD	236.6	CP MOD	BMPCDDT	-
20080619AJL						
26	KYW-TV	PHILADELPHIA PA	0.5	CP	BPCDDT	-
20080620ABO						
24	WNVC	FAIRFAX VA	214.2	APP	BDTS	-
30000101DCD						
24	WNVC	FAIRFAX VA	200.1	APP	BDTS	-
30000101DCD						

DTS fails to cover non-DTSserved area

3 Cells unserved

Total cells with increased field strength 3245

Proposal causes no interference

#####

Analysis of Interference to Affected Station 16

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
25	WTVE	READING PA	BLCDDT	-20081117ADZ

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
24	WNYE-TV	NEW YORK NY	132.3	LIC	BLEDT	-
20071228ABM						
24	WNYE-TV	NEW YORK NY	132.3	CP MOD	BMPEDT	-
20070124AAX						
24	WNVC	FAIRFAX VA	214.2	PLN	DTVPLN	-
DTVP0893						
25	WCNY-TV	SYRACUSE NY	330.9	LIC	BMLEDT	-
20040916ABJ						
25	KDKA-TV	PITTSBURGH PA	408.6	LIC	BLCDDT	-
20041004ACS						
25	WTVR-TV	RICHMOND VA	347.8	LIC	BLCDDT	-
20021204ABA						
26	KYW-TV	PHILADELPHIA PA	0.5	CP	BPCDDT	-
20080620ABO						
24	WNVC	FAIRFAX VA	214.2	APP	BDTS	-
30000101DCD						
24	WNVC	FAIRFAX VA	200.1	APP	BDTS	-
30000101DCD						
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.
25	WTVE	READING PA	BPCDDT	-20100422ACQ

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
24	WNYE-TV	NEW YORK NY	151.8	LIC	BLEDT	-
20071228ABM						
24	WNYE-TV	NEW YORK NY	151.8	CP MOD	BMPEDT	-
20070124AAX						
24	WNVC	FAIRFAX VA	208.2	PLN	DTVPLN	-
DTVP0893						
25	WCNY-TV	SYRACUSE NY	292.7	LIC	BMLEDT	-
20040916ABJ						
25	KDKA-TV	PITTSBURGH PA	366.4	LIC	BLCDDT	-
20041004ACS						
25	WTVR-TV	RICHMOND VA	354.0	LIC	BLCDDT	-
20021204ABA						
26	WHAG-TV	HAGERSTOWN MD	207.1	CP MOD	BMPCDDT	-
20080619AJL						
26	KYW-TV	PHILADELPHIA PA	50.0	CP	BPCDDT	-
20080620ABO						
24	WNVC	FAIRFAX VA	208.2	APP	BDTS	-
30000101DCD						
24	WNVC	FAIRFAX VA	194.9	APP	BDTS	-
30000101DCD						
Proposal causes no interference						

#####

Analysis of Interference to Affected Station 18

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
25	WTVR-TV	RICHMOND VA	BLCDDT	-20021204ABA

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
24	WDRL-TV	DANVILLE VA	183.0	CP	BPCDDT	-
20080317	TAIL					
24	WNVC	FAIRFAX VA	154.9	PLN	DTVPLN	-
DTVP0893						
25	WUNC-TV	CHAPEL HILL NC	230.1	CP MOD	BMPEDT	-
20080617	AAK					
25	KDKA-TV	PITTSBURGH PA	391.7	LIC	BLCDDT	-
20041004	ACS					
25	WTVE	READING PA	348.5	CP	BPCDDT	-
20100129	ADA					
25	WTVE	READING PA	347.8	CP	BPCDDT	-
20100129	ADA					
25	WTVE	READING PA	347.8	LIC	BLCDDT	-
20081117	ADZ					
25	WTVE	READING PA	354.0	APP	BPCDDT	-
20100422	ACQ					
26	WRLH-TV	RICHMOND VA	0.0	LIC	BLCDDT	-
20041207	AAW					
26	WBRA-DR	ROANOKE VA	228.3	APP	BPRM	-
20080620	AOI					
24	WNVC	FAIRFAX VA	154.9	APP	BDTS	-
30000101	DCD					
24	WNVC	FAIRFAX VA	165.0	APP	BDTS	-
30000101	DCD					

Total scenarios = 3

Result key: 17

Scenario 1 Affected station 18

Before Analysis

Results for: 25A VA RICHMOND BLCDDT 20021204ABA LIC
HAAT 347.0 m, ATV ERP 410.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1536331	29017.9
not affected by terrain losses	1532185	28868.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	677	72.5
lost to ATV IX only	677	72.5
lost to all IX	677	72.5

Potential Interfering Stations Included in above Scenario 1

25A NC CHAPEL HILL	BMPEDT	20080617	AAK	CP
25A PA READING	BPCDDT	20100129	ADA	CP

After Analysis

Results for: 25A VA RICHMOND BLCDT 20021204ABA LIC
HAAT 347.0 m, ATV ERP 410.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1536331	29017.9
not affected by terrain losses	1532185	28868.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1131	76.6
lost to ATV IX only	1131	76.6
lost to all IX	1131	76.6

Potential Interfering Stations Included in above Scenario 1

25A NC CHAPEL HILL	BMPEDT	20080617AAK	CP
25A PA READING	BPCDT	20100129ADA	CP
24A VA FAIRFAX	BDTS	30000101DCD	APP

Percent new IX = 0.0296%

Result key: 18
Scenario 2 Affected station 18
Before Analysis

Results for: 25A VA RICHMOND BLCDT 20021204ABA LIC
HAAT 347.0 m, ATV ERP 410.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1536331	29017.9
not affected by terrain losses	1532185	28868.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	677	72.5
lost to ATV IX only	677	72.5
lost to all IX	677	72.5

Potential Interfering Stations Included in above Scenario 2

25A NC CHAPEL HILL	BMPEDT	20080617AAK	CP
25A PA READING	BLCDT	20081117ADZ	LIC

After Analysis

Results for: 25A VA RICHMOND BLCDT 20021204ABA LIC
HAAT 347.0 m, ATV ERP 410.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1536331	29017.9
not affected by terrain losses	1532185	28868.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1131	76.6
lost to ATV IX only	1131	76.6
lost to all IX	1131	76.6

Potential Interfering Stations Included in above Scenario 2

25A NC CHAPEL HILL	BMPEDT	20080617AAK	CP
25A PA READING	BLCDT	20081117ADZ	LIC
24A VA FAIRFAX	BDTS	30000101DCD	APP

Percent new IX = 0.0296%

Result key: 19
Scenario 3 Affected station 18

Before Analysis

Results for: 25A VA RICHMOND BLCDT 20021204ABA LIC
 HAAT 347.0 m, ATV ERP 410.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1536331	29017.9
not affected by terrain losses	1532185	28868.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	736	76.6
lost to ATV IX only	736	76.6
lost to all IX	736	76.6

Potential Interfering Stations Included in above Scenario 3

25A NC CHAPEL HILL	BMPEDT	20080617AAK	CP
25A PA READING	BPCDT	20100422ACQ	APP

After Analysis

Results for: 25A VA RICHMOND BLCDT 20021204ABA LIC
 HAAT 347.0 m, ATV ERP 410.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1536331	29017.9
not affected by terrain losses	1532185	28868.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1190	80.6
lost to ATV IX only	1190	80.6
lost to all IX	1190	80.6

Potential Interfering Stations Included in above Scenario 3

25A NC CHAPEL HILL	BMPEDT	20080617AAK	CP
25A PA READING	BPCDT	20100422ACQ	APP
24A VA FAIRFAX	BDTS	30000101DCD	APP

Percent new IX = 0.0296%

Worst case new IX 0.0296% Scenario 3

#####

Analysis of Interference to Affected Station 19

Analysis of current record

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

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
21	WVPY	FRONT ROYAL VA	29.3	CP	BPEDT	-
20081022ACD						
21	WVPY	FRONT ROYAL VA	29.3	LIC	BLEDT	-
20021220ADZ						
24	WNVC	FAIRFAX VA	89.9	PLN	DTVPLN	-
DTVP0893						
26	WHAG-TV	HAGERSTOWN MD	55.0	CP MOD	BMPCDT	-

20080619AJL						
27	WETA-TV	WASHINGTON DC	98.7	LIC	BLEDT	-
20070727ACJ						
28	WFPT	FREDERICK MD	75.0	LIC	BLEDT	-
20090330AFA						
28	WCPB	SALISBURY MD	241.5	CP	BPEDT	-
20080318AAC						
28	WCPB	SALISBURY MD	241.5	LIC	BLEDT	-
20090209AEM						
28	WRDC	DURHAM NC	392.5	CP MOD	BMPCDT	-
20080620AJU						
28	WNBC	NEW YORK NY	392.9	APP	BPCDT	-
20080620ADL						
28	WVTX-CA	BRIDGEPORT OH	240.6	LIC	BLTTA	-
20100322ABR						
28	WUAB	LORAIN OH	386.0	LIC	BLCDDT	-
20020516AAG						
28	W28BF	HARRISONBURG VA	102.9	LIC	BLTT	-
19951011IA						
29	WMPB	BALTIMORE MD	123.5	LIC	BLEDT	-
20090330AEX						
30	WNVT	GOLDVEIN VA	89.9	LIC	BLEDT	-
20031230AAR						
32	WVIR-TV	CHARLOTTESVILLE VA	137.3	LIC	BLCDDT	-
20040908AAE						
35	WDCA	WASHINGTON DC	98.3	CP	BPCDDT	-
20080620ANP						
36	WTTG	WASHINGTON DC	98.3	LIC	BLCDDT	-
19991013AAB						
36	WTTG	WASHINGTON DC	98.3	CP	BPCDDT	-
20080313ACG						
36	WGPT	OAKLAND MD	98.6	LIC	BLEDT	-
20090209AEN						
36	WGPT	OAKLAND MD	98.6	CP MOD	BMPEDT	-
20080620ANK						
42	WMPT	ANNAPOLIS MD	137.0	LIC	BLEDT	-
20030903ABC						
42	WMPT	ANNAPOLIS MD	137.0	CP	BPEDT	-
20080620AIA						
24	WNVC	FAIRFAX VA	89.9	APP	BDTS	-
30000101DCD						
24	WNVC	FAIRFAX VA	98.9	APP	BDTS	-
30000101DCD						

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 20

Analysis of current record

DTS STATION

Channel	Call	City/State	Application	Ref. No.
24	WNVC	FAIRFAX VA	BDTS	-30000101DCD

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
23	WLYH-TV	LANCASTER PA	156.2	LIC	BLCDDT	-
20040922AAC						
24	WNYE-TV	NEW YORK NY	332.4	LIC	BLEDT	-
20071228ABM						
24	WNYE-TV	NEW YORK NY	332.4	CP MOD	BMPEDT	-
20070124AAX						
24	WATM-TV	ALTOONA PA	215.2	LIC	BLCDDT	-
20050603ACF						
24	WDRL-TV	DANVILLE VA	305.9	CP	BPCDDT	-
20080317AIL						
25	WTVE	READING PA	187.0	CP	BPCDDT	-
20100129ADA						
25	WTVE	READING PA	200.1	CP	BPCDDT	-
20100129ADA						
25	WTVE	READING PA	200.1	LIC	BLCDDT	-
20081117ADZ						
25	WTVE	READING PA	194.9	APP	BPCDDT	-
20100422ACQ						
25	WTVR-TV	RICHMOND VA	165.0	LIC	BLCDDT	-
20021204ABA						
Total cells with increased field strength			7			

Total scenarios = 2

Result key: 20
Scenario 1 Affected station 20
Before Analysis

Results for: 24A VA FAIRFAX BDTs 30000101DCD APP
HAAT 221.0 m, ATV ERP 160.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	6457657	18173.4
not affected by terrain losses	6437228	17737.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	36804	188.2
lost to ATV IX only	36804	188.2
lost to all IX	36804	188.2

Potential Interfering Stations Included in above Scenario 1

24A NY NEW YORK	BLEDT	20071228ABM	LIC
24A PA ALTOONA	BLCDDT	20050603ACF	LIC

Result key: 21
Scenario 2 Affected station 20
Before Analysis

Results for: 24A VA FAIRFAX BDTs 30000101DCD APP
HAAT 221.0 m, ATV ERP 160.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	6457657	18173.4
not affected by terrain losses	6437228	17737.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	36804	188.2
lost to ATV IX only	36804	188.2
lost to all IX	36804	188.2

Potential Interfering Stations Included in above Scenario 2

24A NY NEW YORK	BMPEDT	20070124AAX	CP
24A PA ALTOONA	BLCDT	20050603ACF	LIC

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