

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/cdbs/pt\_tvdb.sff  
 TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 06-09-2010 Time: 13:42:16

Record Selected for Analysis

WNVC BLEDT -20090612ACS FAIRFAX VA US  
 Channel 24 ERP 160. kW HAAT 00221 m RCAMSL 00310 m  
 Latitude 038-52-28 Longitude 0077-13-24  
 Status LIC Zone 1 Border Site number: 01  
 Last update 00000000 Cutoff date 00000000 Docket  
 Comments  
 Applicant COMMONWEALTH PUBLIC BROADCASTING COR

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

|             |         |       |                   |
|-------------|---------|-------|-------------------|
| 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              |

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

Class A Evaluation Complete

SPACING VIOLATION FOUND BETWEEN STATION

WNVC 24 FAIRFAX VA BLEDT 20090612ACS 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

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

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Start of Interference Analysis

| Channel | Call | Proposed Station<br>City/State | ARN               |
|---------|------|--------------------------------|-------------------|
| 24      | WNVC | FAIRFAX VA                     | BLEDT 20090612ACS |

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    | BLCDDT      |      |
| 20040922AAC |         |                    |          |        |             |      |
| 24          | WPSJ-LP | HAMMONTON, ETC. NJ | 225.6    | LIC    | BLTTA       |      |
| 20060720ADQ |         |                    |          |        |             |      |
| 24          | WNYE-TV | NEW YORK NY        | 346.5    | LIC    | BLEDT       |      |
| 20071228ABM |         |                    |          |        |             |      |
| 24          | WNYE-TV | NEW YORK NY        | 346.5    | CP MOD | BMPEDT      |      |
| 20070124AAX |         |                    |          |        |             |      |
| 24          | WATM-TV | ALTOONA PA         | 215.3    | LIC    | BLCDDT      |      |
| 20050603ACF |         |                    |          |        |             |      |

+ 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<br>20070215AAB | WFDC-DT | ARLINGTON VA       | 65.1     | LIC    | BLCDT       | -    |
| 15<br>20080618AKE | WFDC-DT | ARLINGTON VA       | 65.1     | CP     | BPCDT       | -    |
| 16<br>20080619ADA | WHRO-TV | HAMPTON-NORFOLK VA | 287.7    | CP     | BPEDT       | -    |
| 16<br>20020604AAB | WHRO-TV | HAMPTON-NORFOLK VA | 287.7    | LIC    | BLEDT       | -    |
| 23<br>20040922AAC | WLYH-TV | LANCASTER PA       | 97.1     | LIC    | BLCDT       | -    |
| 24<br>20090612ACS | WNVC    | FAIRFAX VA         | 78.6     | LIC    | BLEDT       | -    |
| 24<br>DTVP0893    | WNVC    | FAIRFAX VA         | 78.6     | PLN    | DTVPLN      | -    |
| 30<br>20050615AAB | WGCB-TV | RED LION PA        | 56.6     | LIC    | BLCDT       | -    |
| 30<br>20031230AAR | WNVT    | GOLDVEIN VA        | 111.5    | LIC    | BLEDT       | -    |

|             |         |               |       |     |       |   |
|-------------|---------|---------------|-------|-----|-------|---|
| 31          | WPPX-TV | WILMINGTON DE | 137.5 | APP | BPCDT | - |
| 20080620AMP |         |               |       |     |       |   |
| 31          | WPPX-TV | WILMINGTON DE | 137.5 | LIC | BLCDT | - |
| 20031203AFL |         |               |       |     |       |   |

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    | BLEDT       | -    |
| 20020604AAB |         |                    |          |        |             |      |
| 17          | WNCN    | GOLDSBORO NC       | 233.7    | CP MOD | BMPCDT      | -    |
| 20081218AEV |         |                    |          |        |             |      |
| 17          | WPHL-TV | PHILADELPHIA PA    | 334.1    | CP MOD | BMPCDT      | -    |
| 20080619ALB |         |                    |          |        |             |      |
| 17          | WKTD-CD | PORTSMOUTH VA      | 125.2    | LIC    | BLTTA       | -    |
| 20050316ACC |         |                    |          |        |             |      |
| 17          | WFXR    | ROANOKE VA         | 237.6    | CP     | BPCDT       | -    |
| 20080619AJU |         |                    |          |        |             |      |
| 17          | W17AL   | MATHIAS, ETC. WV   | 180.5    | LIC    | BLTT        | -    |
| 19871117IB  |         |                    |          |        |             |      |
| 19          | WCAV    | CHARLOTTESVILLE VA | 94.2     | LIC    | BLCDT       | -    |
| 20090522ADB |         |                    |          |        |             |      |
| 24          | WNVC    | FAIRFAX VA         | 142.4    | LIC    | BLEDT       | -    |
| 20090612ACS |         |                    |          |        |             |      |
| 24          | WNVC    | FAIRFAX VA         | 142.4    | PLN    | DTVPLN      | -    |
| DTVP0893    |         |                    |          |        |             |      |
| 25          | WTVR-TV | RICHMOND VA        | 13.6     | LIC    | BLCDT       | -    |
| 20021204ABA |         |                    |          |        |             |      |
| 31          | WAVY-TV | PORTSMOUTH VA      | 125.2    | LIC    | BLCDT       | -    |
| 20010409ABP |         |                    |          |        |             |      |
| 32          | WVIR-TV | CHARLOTTESVILLE VA | 94.2     | LIC    | BLCDT       | -    |
| 20040908AAE |         |                    |          |        |             |      |

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    | LIC    | BLEDT       | -    |
| 20090612ACS |         |              |          |        |             |      |
| 24          | WNVC    | FAIRFAX VA   | 167.4    | PLN    | DTVPLN      | -    |

DTVP0893

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    | BLCDT       | -    |
| 20050603ACF |         |                     |          |        |             |      |
| 24          | W24BB   | EAST STROUDSBURG PA | 154.8    | LIC    | BLTTT       | -    |
| 19911219JM  |         |                     |          |        |             |      |
| 24          | W24CS   | READING PA          | 113.6    | LIC    | BLTT        | -    |
| 20030321AAO |         |                     |          |        |             |      |

|             |         |                  |       |        |        |   |
|-------------|---------|------------------|-------|--------|--------|---|
| 24          | WNVC    | FAIRFAX VA       | 225.6 | LIC    | BLEDT  | - |
| 20090612ACS |         |                  |       |        |        |   |
| 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    | BLCDT  | - |
| 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    | BLCDT  | - |
| 20060105AAR |         |                  |       |        |        |   |
| 28          | WNBC    | NEW YORK NY      | 134.7 | STA    | BDSTA  | - |
| 20041220ADE |         |                  |       |        |        |   |
| 28          | WNBC    | NEW YORK NY      | 134.7 | CP MOD | BMPCDT | - |
| 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    | BLCDT  | - |
| 20031203AFL |         |                  |       |        |        |   |
| 31          | WPXN-TV | NEW YORK NY      | 130.2 | APP    | BMPCDT | - |
| 20080620ALZ |         |                  |       |        |        |   |
| 31          | WPXN-TV | NEW YORK NY      | 134.7 | CP MOD | BMPCDT | - |
| 20080926ACT |         |                  |       |        |        |   |
| 32          | WPSG    | PHILADELPHIA PA  | 48.3  | LIC    | BLCDT  | - |
| 20021025AAS |         |                  |       |        |        |   |
| 32          | WPSG    | PHILADELPHIA PA  | 48.3  | CP     | BPCDT  | - |
| 20080616ABE |         |                  |       |        |        |   |
| 38          | WWOR-TV | SECAUCUS NJ      | 134.7 | CP MOD | BMPCDT | - |
| 20080620AHC |         |                  |       |        |        |   |
| 39          | WQAV-LD | ATLANTIC CITY NJ | 0.8   | LIC    | BLDTL  | - |
| 20100113ADM |         |                  |       |        |        |   |
| 39          | WLVT-TV | ALLENTOWN PA     | 105.9 | LIC    | BLEDT  | - |
| 20090605ABD |         |                  |       |        |        |   |

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 | LIC | BLEDT  | - |
| 20090612ACS |         |              |       |     |        |   |
| 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 |         |              |       |     |        |   |

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   | BLCDDT | 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   | BLEDT | 20090612ACS | LIC |

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   | BLEDT | 20090612ACS | LIC |

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   | BLEDT | 20090612ACS | LIC |

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 | BLC DT | 20030113ABS | LIC |
| 24A NY SYRACUSE  | BPC DT | 20080320ACI | CP  |
| 24A PA ALTOONA   | BLC DT | 20050603ACF | LIC |
| 24A VT WINDSOR   | BLE DT | 20070307AAW | LIC |
| 25A PA READING   | BPC DT | 20100422ACQ | APP |
| 24A VA FAIRFAX   | BLE DT | 20090612ACS | LIC |

Percent new IX =              0.0065%

Worst case new IX              0.0065% Scenario              3

#####

## 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     | BPC DT      | -    |
| 20080613ACJ |         |              |          |        |             |      |
| 23          | WFTY-DT | SMITHTOWN NY | 88.2     | LIC    | BLC DT      | -    |
| 20030113ABS |         |              |          |        |             |      |
| 23          | WLYH-TV | LANCASTER PA | 216.4    | LIC    | BLC DT      | -    |
| 20040922AAC |         |              |          |        |             |      |
| 24          | WSTM-TV | SYRACUSE NY  | 300.6    | CP     | BPC DT      | -    |
| 20080320ACI |         |              |          |        |             |      |
| 24          | WATM-TV | ALTOONA PA   | 376.3    | LIC    | BLC DT      | -    |
| 20050603ACF |         |              |          |        |             |      |
| 24          | WNVC    | FAIRFAX VA   | 346.5    | LIC    | BLE DT      | -    |
| 20090612ACS |         |              |          |        |             |      |
| 24          | WNVC    | FAIRFAX VA   | 346.5    | PLN    | DTVPLN      | -    |
| DTVP0893    |         |              |          |        |             |      |
| 24          | WVTA    | WINDSOR VT   | 323.8    | LIC    | BLE DT      | -    |
| 20070307AAW |         |              |          |        |             |      |
| 25          | WTVE    | READING PA   | 167.6    | CP     | BPC DT      | -    |
| 20100129ADA |         |              |          |        |             |      |
| 25          | WTVE    | READING PA   | 132.3    | CP     | BPC DT      | -    |
| 20100129ADA |         |              |          |        |             |      |

|             |      |            |       |     |       |   |
|-------------|------|------------|-------|-----|-------|---|
| 25          | WTVE | READING PA | 132.3 | LIC | BLCDT | - |
| 20081117ADZ |      |            |       |     |       |   |
| 25          | WTVE | READING PA | 151.8 | APP | BPCDT | - |
| 20100422ACQ |      |            |       |     |       |   |

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 | 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 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   | BLEDT | 20090612ACS | LIC |

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   | BLEDT | 20090612ACS | LIC |

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   | BLCDDT | 20050603ACF | LIC |
| 24A VT WINDSOR   | BLEDDT | 20070307AAW | LIC |
| 25A PA READING   | BPCDT  | 20100422ACQ | APP |
| 24A VA FAIRFAX   | BLEDDT | 20090612ACS | LIC |

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 | BLCDDT | 20030113ABS | LIC |
| 24A NY SYRACUSE  | BPCDT  | 20080320ACI | CP  |
| 24A PA ALTOONA   | BLCDDT | 20050603ACF | LIC |
| 24A VT WINDSOR   | BLEDDT | 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 | BLCDDT | 20030113ABS | LIC |
| 24A NY SYRACUSE  | BPCDT  | 20080320ACI | CP  |
| 24A PA ALTOONA   | BLCDDT | 20050603ACF | LIC |
| 24A VT WINDSOR   | BLEDDT | 20070307AAW | LIC |
| 25A PA READING   | BPCDT  | 20100422ACQ | APP |

24A VA FAIRFAX BLEDT 20090612ACS LIC

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 | BLCDDT      | -20050603ACF |

Stations Potentially Affecting This Station

| Chan No.    | Call    | City/State    | Dist(km) | Status | Application | Ref. |
|-------------|---------|---------------|----------|--------|-------------|------|
| 23          | WLYH-TV | LANCASTER PA  | 170.9    | LIC    | BLCDDT      | -    |
| 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     | BPCDDT      | -    |
| 20080320ACI |         |               |          |        |             |      |
| 24          | WSFJ-TV | NEWARK OH     | 364.3    | LIC    | BLCDDT      | -    |
| 20060620ABC |         |               |          |        |             |      |
| 24          | WJET-TV | ERIE PA       | 212.6    | CP MOD | BMPCDDT     | -    |
| 20080612ABV |         |               |          |        |             |      |
| 24          | WDRL-TV | DANVILLE VA   | 407.4    | CP     | BPCDDT      | -    |
| 20080317AIL |         |               |          |        |             |      |
| 24          | WNVC    | FAIRFAX VA    | 215.3    | LIC    | BLEDT       | -    |
| 20090612ACS |         |               |          |        |             |      |
| 24          | WNVC    | FAIRFAX VA    | 215.3    | PLN    | DTVPLN      | -    |
| DTVP0893    |         |               |          |        |             |      |
| 25          | KDKA-TV | PITTSBURGH PA | 133.3    | LIC    | BLCDDT      | -    |
| 20041004ACS |         |               |          |        |             |      |
| 25          | WTVE    | READING PA    | 216.5    | CP     | BPCDDT      | -    |
| 20100129ADA |         |               |          |        |             |      |
| 25          | WTVE    | READING PA    |          | CP     | BPCDDT      | -    |
| 20100129ADA |         |               |          |        |             |      |

Total scenarios = 2

Result key: 9

Scenario 1 Affected station 7

Before Analysis

Results for: 24A PA ALTOONA BLCDDT 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    | BLEDT  | 20090612ACS | LIC |

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    | BLEDT  | 20090612ACS | LIC |

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        | -    |
| 20031212ADX |         |                     |          |        |             |      |
| 24          | WNYE-TV | NEW YORK NY         | 164.4    | LIC    | BLEDT       | -    |
| 20071228ABM |         |                     |          |        |             |      |
| 24          | WNYE-TV | NEW YORK NY         | 164.4    | CP MOD | BMPEDT      | -    |
| 20070124AAX |         |                     |          |        |             |      |
| 24          | WSTM-TV | SYRACUSE NY         | 170.8    | CP     | BPCDT       | -    |
| 20080320ACI |         |                     |          |        |             |      |
| 24          | WATM-TV | ALTOONA PA          | 247.3    | LIC    | BLCDT       | -    |
| 20050603ACF |         |                     |          |        |             |      |
| 24          | W24BB   | EAST STROUDSBURG PA | 49.2     | LIC    | BLTTT       | -    |
| 19911219JM  |         |                     |          |        |             |      |
| 24          | WJET-TV | ERIE PA             | 366.1    | CP MOD | BMPCDT      | -    |
| 20080612ABV |         |                     |          |        |             |      |
| 24          | WNVC    | FAIRFAX VA          | 311.7    | LIC    | BLEDT       | -    |
| 20090612ACS |         |                     |          |        |             |      |
| 24          | WNVC    | FAIRFAX VA          | 311.7    | PLN    | DTVPLN      | -    |
| DTVP0893    |         |                     |          |        |             |      |
| 24          | WVTA    | WINDSOR VT          | 348.9    | LIC    | BLEDT       | -    |
| 20070307AAW |         |                     |          |        |             |      |



|             |         |              |       |     |         |   |
|-------------|---------|--------------|-------|-----|---------|---|
| 25          | WTVE    | READING PA   | 121.0 | CP  | BPCDT   | - |
| 20100129ADA |         |              |       |     |         |   |
| 25          | WTVE    | READING PA   | 122.8 | APP | BPCDT   | - |
| 20100422ACQ |         |              |       |     |         |   |
| 25          | WYOU    | WAYMART PA   | 33.4  | LIC | BLCDDT  | - |
| 20091211ACN |         |              |       |     |         |   |
| 31          | WSWB    | SCRANTON PA  | 0.0   | LIC | BMLCDDT | - |
| 20090529AJJ |         |              |       |     |         |   |
| 31          | WSWB-DR | SCRANTON PA  | 0.0   | APP | BPRM    | - |
| 20080619ALI |         |              |       |     |         |   |
| 32          | WQPX-TV | SCRANTON PA  | 0.3   | LIC | BLCDDT  | - |
| 20060629AFR |         |              |       |     |         |   |
| 39          | WLVT-TV | ALLENTOWN PA | 99.9  | LIC | BLEDT   | - |
| 20090605ABD |         |              |       |     |         |   |
| 25          | WTVE    | READING PA   |       | CP  | BPCDT   | - |
| 20100129ADA |         |              |       |     |         |   |

Proposal causes no interference

#####

#### 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 | BMPCDT      | -    |
| 20080619ALB |         |                    |          |        |             |      |
| 21          | WHP-TV  | HARRISBURG PA      | 137.7    | APP    | BMPCDT      | -    |
| 20100325ABG |         |                    |          |        |             |      |
| 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     | BPCDT       | -    |
| 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     | BDFCDDT     | -    |
| 20060331AXW |         |                    |          |        |             |      |
| 24          | WNVC    | FAIRFAX VA         | 280.5    | LIC    | BLEDT       | -    |
| 20090612ACS |         |                    |          |        |             |      |

|             |         |                 |       |        |         |   |
|-------------|---------|-----------------|-------|--------|---------|---|
| 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     | BPCDT   | - |
| 20100129ADA |         |                 |       |        |         |   |
| 25          | WTVE    | READING PA      | 111.8 | CP     | BPCDT   | - |
| 20100129ADA |         |                 |       |        |         |   |
| 25          | WTVE    | READING PA      | 111.8 | LIC    | BLCDDT  | - |
| 20081117ADZ |         |                 |       |        |         |   |
| 25          | WTVE    | READING PA      | 79.0  | APP    | BPCDT   | - |
| 20100422ACQ |         |                 |       |        |         |   |
| 26          | KYW-TV  | PHILADELPHIA PA | 111.6 | CP     | BPCDT   | - |
| 20080620ABO |         |                 |       |        |         |   |
| 27          | WGTW-TV | BURLINGTON NJ   | 111.8 | LIC    | BLCDDT  | - |
| 20060105AAR |         |                 |       |        |         |   |
| 27          | WTBY-TV | POUGHKEEPSIE NY | 139.8 | CP     | BPCDT   | - |
| 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    | BPCDT   | - |
| 20090818ACL |         |                 |       |        |         |   |
| 28          | WNBC    | NEW YORK NY     | 134.5 | APP    | BPCDT   | - |
| 20090818ACL |         |                 |       |        |         |   |
| 28          | WNBC    | NEW YORK NY     | 130.1 | APP    | BPCDT   | - |
| 20080620ADL |         |                 |       |        |         |   |
| 31          | WPPX-TV | WILMINGTON DE   | 111.8 | APP    | BPCDT   | - |
| 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    | BMLCDDT | - |
| 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     | BPCDT   | - |
| 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    | BLEDT   | - |
| 20090605ABD |         |                 |       |        |         |   |

Proposal causes no interference

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Analysis of current record

|         |         |            |                      |
|---------|---------|------------|----------------------|
| Channel | Call    | City/State | Application Ref. No. |
| 24      | WJET-TV | ERIE PA    | BMPCDT -20080612ABV  |

Stations Potentially Affecting This Station

| Chan No. | Call    | City/State    | Dist(km) | Status | Application Ref. |
|----------|---------|---------------|----------|--------|------------------|
| 23       | WPXJ-TV | BATAVIA NY    | 193.3    | CP     | BPCDT -          |
| 20080311 | ACI     |               |          |        |                  |
| 23       | WVPX-TV | AKRON OH      | 166.2    | CP MOD | BMPCDT -         |
| 20080619 | AEG     |               |          |        |                  |
| 24       | WSTM-TV | SYRACUSE NY   | 339.0    | CP     | BPCDT -          |
| 20080320 | ACI     |               |          |        |                  |
| 24       | WSFJ-TV | NEWARK OH     | 309.7    | LIC    | BLCDT -          |
| 20060620 | ABC     |               |          |        |                  |
| 24       | WATM-TV | ALTOONA PA    | 212.6    | LIC    | BLCDT -          |
| 20050603 | ACF     |               |          |        |                  |
| 24       | WNVC    | FAIRFAX VA    | 426.3    | LIC    | BLEDT -          |
| 20090612 | ACS     |               |          |        |                  |
| 24       | WNVC    | FAIRFAX VA    | 426.3    | PLN    | DTVPLN -         |
| DTVP0893 |         |               |          |        |                  |
| 25       | KDKA-TV | PITTSBURGH PA | 171.9    | LIC    | BLCDT -          |
| 20041004 | ACS     |               |          |        |                  |

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 -          |
| 20020313 | ABL     |                |          |        |                  |
| 24       | WATM-TV | ALTOONA PA     | 407.4    | LIC    | BLCDT -          |
| 20050603 | ACF     |                |          |        |                  |
| 24       | WNVC    | FAIRFAX VA     | 292.0    | LIC    | BLEDT -          |
| 20090612 | ACS     |                |          |        |                  |
| 24       | WNVC    | FAIRFAX VA     | 292.0    | PLN    | DTVPLN -         |
| DTVP0893 |         |                |          |        |                  |
| 25       | WUNC-TV | CHAPEL HILL NC | 132.2    | CP MOD | BMPEDT -         |
| 20080617 | AAK     |                |          |        |                  |
| 25       | WTVR-TV | RICHMOND VA    | 183.0    | LIC    | BLCDT -          |
| 20021204 | ABA     |                |          |        |                  |

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 |
| 25A NC CHAPEL HILL | BMPEDT | 20080617AAK | CP  |
| 24A VA FAIRFAX     | BLEDT  | 20090612ACS | LIC |

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    | BLCDDT   | - |
| 20050603ACF                     |         |                         |       |        |          |   |
| 24                              | WJET-TV | ERIE PA                 | 369.4 | CP MOD | BMPCDDT  | - |
| 20080612ABV                     |         |                         |       |        |          |   |
| 24                              | W24DF-D | CHARLOTTESVILLE VA      | 81.0  | CP     | BDCCDDTL | - |
| 20061030AGD                     |         |                         |       |        |          |   |
| 24                              | WDRL-TV | DANVILLE VA             | 216.2 | CP     | BPCDDT   | - |
| 20080317AIL                     |         |                         |       |        |          |   |
| 24                              | WNVC    | FAIRFAX VA              | 136.9 | LIC    | BLEDT    | - |
| 20090612ACS                     |         |                         |       |        |          |   |
| 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 | BMPCDDT  | - |
| 20080619AJL                     |         |                         |       |        |          |   |
| 28                              | WFPT    | FREDERICK MD            | 136.4 | LIC    | BLEDT    | - |
| 20090330AFA                     |         |                         |       |        |          |   |
| 32                              | WVIR-TV | CHARLOTTESVILLE VA      | 101.3 | LIC    | BLCDDT   | - |
| 20040908AAE                     |         |                         |       |        |          |   |
| 39                              | WJAL    | HAGERSTOWN MD           | 135.3 | CP     | BPCDDT   | - |
| 20090730ACS                     |         |                         |       |        |          |   |
| 39                              | W39AD   | CENT.ROCKINGHAM COUN VA | 29.1  | LIC    | BLTT     | - |
| 19840131IG                      |         |                         |       |        |          |   |
| 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     | LIC    | BLEDT       | -    |
| 20090612ACS |         |                |          |        |             |      |
| 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 | BMPCDT | - |
| 20080619AJL |         |                 |       |        |        |   |
| 26          | KYW-TV  | PHILADELPHIA PA | 199.8 | CP     | BPCDT  | - |
| 20080620ABO |         |                 |       |        |        |   |
| 26          | WRLH-TV | RICHMOND VA     | 165.0 | LIC    | BLCDT  | - |
| 20041207AAW |         |                 |       |        |        |   |

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 | BLCDT  | 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 | BLCDT | 20021204ABA | LIC |
| 24A VA FAIRFAX  | BLEDT | 20090612ACS | LIC |

The following station failed the de minimis interference criteria.

24D VA FAIRFAX BLEDT 20090612ACS  
ERP 160.00 kW HAAT 221.0 m RCAMSL 310.0 m  
Antenna CDB 999999999999999

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  | BPCDT  | 20100422ACQ | APP |
| 25A VA RICHMOND | BLCDT  | 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  | BLEDT | 20090612ACS | LIC |

The following station failed the de minimis interference criteria.

24D VA FAIRFAX BLEDT 20090612ACS  
ERP 160.00 kW HAAT 221.0 m RCAMSL 310.0 m  
Antenna CDB 999999999999999

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    | BLCDDT -         |
| 20060703ABR |         |                        |          |        |                  |
| 21          | WBOC-TV | SALISBURY MD           | 133.8    | CP     | BPCDDT -         |
| 20080620AFP |         |                        |          |        |                  |
| 21          | WVPY    | FRONT ROYAL VA         | 108.0    | CP     | BPEDT -          |
| 20081022ACD |         |                        |          |        |                  |
| 21          | WVPY    | FRONT ROYAL VA         | 108.0    | LIC    | BLEDDT -         |
| 20021220ADZ |         |                        |          |        |                  |
| 24          | WNVC    | FAIRFAX VA             | 14.3     | LIC    | BLEDDT -         |
| 20090612ACS |         |                        |          |        |                  |
| 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 |         |                        |          |        |                  |
| 25          | WAZM-CA | STAUNTON-WAYNESBORO VA | 158.7    | LIC    | BLTTTL -         |
| 20011107ABW |         |                        |          |        |                  |
| 26          | WZDC-LD | WASHINGTON DC          | 0.0      | APP    | BDCCDTL -        |
| 20061027ABW |         |                        |          |        |                  |
| 26          | WHAG-TV | HAGERSTOWN MD          | 110.5    | CP MOD | BMPDDT -         |
| 20080619AJL |         |                        |          |        |                  |
| 27          | WETA-TV | WASHINGTON DC          | 1.2      | LIC    | BLEDDT -         |
| 20070727ACJ |         |                        |          |        |                  |
| 28          | WFPT    | FREDERICK MD           | 40.8     | LIC    | BLEDDT -         |
| 20090330AFA |         |                        |          |        |                  |
| 28          | WCPB    | SALISBURY MD           | 143.2    | CP     | BPEDT -          |
| 20080318AAC |         |                        |          |        |                  |
| 28          | WCPB    | SALISBURY MD           | 143.2    | LIC    | BLEDDT -         |
| 20090209AEM |         |                        |          |        |                  |
| 29          | WMPB    | BALTIMORE MD           | 62.1     | LIC    | BLEDDT -         |
| 20090330AEX |         |                        |          |        |                  |
| 33          | WHUT-TV | WASHINGTON DC          | 1.2      | CP     | BPEDT -          |
| 20080619AGL |         |                        |          |        |                  |
| 33          | WHUT-TV | WASHINGTON DC          | 1.2      | LIC    | BLEDDT -         |
| 20071018AIJ |         |                        |          |        |                  |
| 39          | WJAL    | HAGERSTOWN MD          | 130.2    | CP     | BPCDDT -         |
| 20090730ACS |         |                        |          |        |                  |
| 40          | WNUV    | BALTIMORE MD           | 57.7     | LIC    | BLCDDT -         |
| 20051011AOI |         |                        |          |        |                  |



Total scenarios = 3

Result key: 14  
Scenario 1 Affected station 14  
Before Analysis

| Results for: 25N DC WASHINGTON | BLTTTL     | 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   | BLCDDT | 20021204ABA | LIC |
| 27A DC WASHINGTON | BLEDDT | 20070727ACJ | LIC |
| 24A VA FAIRFAX    | DTVPLN | DTVP0893    | PLN |

After Analysis

| Results for: 25N DC WASHINGTON | BLTTTL     | 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 1

|                   |        |             |     |
|-------------------|--------|-------------|-----|
| 25A VA RICHMOND   | BLCDDT | 20021204ABA | LIC |
| 27A DC WASHINGTON | BLEDDT | 20070727ACJ | LIC |
| 24A VA FAIRFAX    | BLEDDT | 20090612ACS | LIC |

The following station failed the de minimis interference criteria.  
24D VA FAIRFAX BLEDDT 20090612ACS  
ERP 160.00 kW HAAT 221.0 m RCAMSL 310.0 m  
Antenna CDB 999999999999999

Due to interference to the following station and scenario: 1  
25N DC WASHINGTON BLTTTL 20070309ADR  
ERP 28.30 kW HAAT 177.0 m RCAMSL 180.0 m  
Antenna CDB 00000000016524

Percent new DTV interference from proposal: 1.2425 BLTTTL  
20070309ADR

Result key: 15  
Scenario 2 Affected station 14  
Before Analysis

| Results for: 25N DC WASHINGTON | BLTTTL     | 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 | BLTTTL     | 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    | BLEDT   | 20090612ACS | LIC |

The following station failed the de minimis interference criteria.

|                             |              |                |
|-----------------------------|--------------|----------------|
| 24D VA FAIRFAX              | BLEDT        | 20090612ACS    |
| ERP 160.00 kW               | HAAT 221.0 m | RCAMSL 310.0 m |
| Antenna CDB 999999999999999 |              |                |

Due to interference to the following station and scenario: 2

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

|   |               |
|---|---------------|
| Percent new DTV interference from proposal: | 1.0055 BLTTTL |
| 20070309ADR                                 |               |

|                 |                       |
|-----------------|-----------------------|
| Result key:     | 16                    |
| Scenario        | 3 Affected station 14 |
| Before Analysis |                       |

|                                |            |              |     |
|--------------------------------|------------|--------------|-----|
| Results for: 25N DC WASHINGTON | BLTTTL     | 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   | BLCDT  | 20021204ABA | LIC |
| 27A DC WASHINGTON | BLEDT  | 20070727ACJ | LIC |
| 24A VA FAIRFAX    | DTVPLN | DTVP0893    | PLN |

After Analysis

|                                |            |              |     |
|--------------------------------|------------|--------------|-----|
| Results for: 25N DC WASHINGTON | BLTTTL     | 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    | BLEDT  | 20090612ACS | LIC |

The following station failed the de minimis interference criteria.

|                             |              |                |
|-----------------------------|--------------|----------------|
| 24D VA FAIRFAX              | BLEDT        | 20090612ACS    |
| ERP 160.00 kW               | HAAT 221.0 m | RCAMSL 310.0 m |
| Antenna CDB 999999999999999 |              |                |

Due to interference to the following station and scenario: 3

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

Percent new DTV interference from proposal: 1.2425 BLTTTL  
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 | BPCDDT      | -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    | LIC    | BLEDT       | -    |
| 20090612ACS |         |               |          |        |             |      |
| 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 | BMPCDT | - |
| 20080619AJL |         |                 |       |        |        |   |
| 26          | KYW-TV  | PHILADELPHIA PA | 0.5   | CP     | BPCDT  | - |
| 20080620ABO |         |                 |       |        |        |   |

DTS fails to cover non-DTS served 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 | BLCDT       | -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    | LIC    | BLEDT       | -    |
| 20090612ACS |         |                 |          |        |             |      |
| 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    | BLCDT       | -    |
| 20041004ACS |         |                 |          |        |             |      |
| 25          | WTVR-TV | RICHMOND VA     | 347.8    | LIC    | BLCDT       | -    |
| 20021204ABA |         |                 |          |        |             |      |
| 26          | KYW-TV  | PHILADELPHIA PA | 0.5      | CP     | BPCDT       | -    |
| 20080620ABO |         |                 |          |        |             |      |

Proposal causes no interference

#####

#### Analysis of Interference to Affected Station 17

##### Analysis of current record

| Channel | Call | City/State | Application | Ref. No.     |
|---------|------|------------|-------------|--------------|
| 25      | WTVE | READING PA | BPCDT       | -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 | LIC    | BLEDT   | - |
| 20090612ACS                     |         |                 |       |        |         |   |
| 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                     |         |                 |       |        |         |   |
| 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          | WDRB-TV | DANVILLE VA    | 183.0    | CP     | BPCDDT      | -    |
| 20080317AIL |         |                |          |        |             |      |
| 24          | WNVC    | FAIRFAX VA     | 154.9    | LIC    | BLEDT       | -    |
| 20090612ACS |         |                |          |        |             |      |
| 24          | WNVC    | FAIRFAX VA     | 154.9    | PLN    | DTVPLN      | -    |
| DTVP0893    |         |                |          |        |             |      |
| 25          | WUNC-TV | CHAPEL HILL NC | 230.1    | CP MOD | BMPEDT      | -    |
| 20080617AAK |         |                |          |        |             |      |
| 25          | KDKA-TV | PITTSBURGH PA  | 391.7    | LIC    | BLCDDT      | -    |
| 20041004ACS |         |                |          |        |             |      |
| 25          | WTVE    | READING PA     | 348.5    | CP     | BPCDDT      | -    |
| 20100129ADA |         |                |          |        |             |      |
| 25          | WTVE    | READING PA     | 347.8    | CP     | BPCDDT      | -    |
| 20100129ADA |         |                |          |        |             |      |
| 25          | WTVE    | READING PA     | 347.8    | LIC    | BLCDDT      | -    |
| 20081117ADZ |         |                |          |        |             |      |
| 25          | WTVE    | READING PA     | 354.0    | APP    | BPCDDT      | -    |
| 20100422ACQ |         |                |          |        |             |      |
| 26          | WRLH-TV | RICHMOND VA    | 0.0      | LIC    | BLCDDT      | -    |
| 20041207AAW |         |                |          |        |             |      |
| 26          | WBRA-DR | ROANOKE VA     | 228.3    | APP    | BPRM        | -    |
| 20080620AOI |         |                |          |        |             |      |

Total scenarios = 3

Result key: 17  
Scenario 1 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              1

|                    |        |             |    |
|--------------------|--------|-------------|----|
| 25A NC CHAPEL HILL | BMPEDT | 20080617AAK | CP |
| 25A PA READING     | BPCDT  | 20100129ADA | 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     | BLEDT  | 20090612ACS | LIC |

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     | BLCDDT | 20081117ADZ | LIC |
| 24A VA FAIRFAX     | BLEDT  | 20090612ACS | LIC |

Percent new IX = 0.0296%

Result key: 19  
 Scenario 3 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   | 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     | BPCDDT | 20100422ACQ | APP |

After 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   | 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     | BPCDDT | 20100422ACQ | APP |
| 24A VA FAIRFAX     | BLEDT  | 20090612ACS | LIC |

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     | LIC    | BLEDT       | -    |
| 20090612ACS |         |                    |          |        |             |      |
| 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          | WNVN    | GOLDVEIN VA        | 89.9     | LIC    | BLEDT       | -    |
| 20031230AAR |         |                    |          |        |             |      |
| 32          | WVIR-TV | CHARLOTTESVILLE VA | 137.3    | LIC    | BLCDDT      | -    |
| 20040908AAE |         |                    |          |        |             |      |
| 35          | WDCA    | WASHINGTON DC      | 98.3     | CP     | BPCDT       | -    |
| 20080620ANP |         |                    |          |        |             |      |
| 36          | WTTG    | WASHINGTON DC      | 98.3     | LIC    | BLCDDT      | -    |
| 19991013AAB |         |                    |          |        |             |      |
| 36          | WTTG    | WASHINGTON DC      | 98.3     | CP     | BPCDT       | -    |
| 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 |         |                    |          |        |             |      |

Proposed station is beyond the site to nearest cell evaluation distance



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Analysis of Interference to Affected Station 20

Analysis of current record

| Channel | Call | City/State | Application | Ref. No.     |
|---------|------|------------|-------------|--------------|
| 24      | WNVC | FAIRFAX VA | BLEDT       | -20090612ACS |

Stations Potentially Affecting This Station

| Chan No.    | Call    | City/State   | Dist(km) | Status | Application | Ref. |
|-------------|---------|--------------|----------|--------|-------------|------|
| 23          | WLYH-TV | LANCASTER PA | 167.4    | LIC    | BLCDDT      | -    |
| 20040922AAC |         |              |          |        |             |      |
| 24          | WNYE-TV | NEW YORK NY  | 346.5    | LIC    | BLEDT       | -    |
| 20071228ABM |         |              |          |        |             |      |
| 24          | WNYE-TV | NEW YORK NY  | 346.5    | CP MOD | BMPEDT      | -    |
| 20070124AAX |         |              |          |        |             |      |
| 24          | WATM-TV | ALTOONA PA   | 215.3    | LIC    | BLCDDT      | -    |
| 20050603ACF |         |              |          |        |             |      |
| 24          | WJET-TV | ERIE PA      | 426.3    | CP MOD | BMPCDDT     | -    |
| 20080612ABV |         |              |          |        |             |      |
| 24          | WDRL-TV | DANVILLE VA  | 292.0    | CP     | BPCDDT      | -    |
| 20080317AIL |         |              |          |        |             |      |
| 25          | WTVE    | READING PA   | 199.8    | CP     | BPCDDT      | -    |
| 20100129ADA |         |              |          |        |             |      |
| 25          | WTVE    | READING PA   | 214.2    | CP     | BPCDDT      | -    |
| 20100129ADA |         |              |          |        |             |      |
| 25          | WTVE    | READING PA   | 214.2    | LIC    | BLCDDT      | -    |
| 20081117ADZ |         |              |          |        |             |      |
| 25          | WTVE    | READING PA   | 208.2    | APP    | BPCDDT      | -    |
| 20100422ACQ |         |              |          |        |             |      |
| 25          | WTVR-TV | RICHMOND VA  | 154.9    | LIC    | BLCDDT      | -    |
| 20021204ABA |         |              |          |        |             |      |

Total scenarios = 1

Result key: 20

Scenario 1 Affected station 20

Before Analysis

Results for: 24A VA FAIRFAX BLEDT 20090612ACS LIC

HAAT 221.0 m, ATV ERP 160.0 kW

|                                | POPULATION | AREA (sq km) |
|--------------------------------|------------|--------------|
| within Noise Limited Contour   | 6455727    | 18179.6      |
| not affected by terrain losses | 6429908    | 17655.0      |
| lost to NTSC IX                | 0          | 0.0          |
| lost to additional IX by ATV   | 15835      | 128.1        |
| lost to ATV IX only            | 15835      | 128.1        |
| lost to all IX                 | 15835      | 128.1        |

Potential Interfering Stations Included in above Scenario 1

24A PA ALTOONA BLCDDT 20050603ACF LIC

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