

TECHNICAL EXHIBIT  
DTV MAXIMIZATION APPLICATION  
STATION WUNL-DT  
WINSTON-SALEM, NORTH CAROLINA  
CH 32 400 KW (MAX-DA) 504 M

Technical Narrative

This Technical Exhibit supports an application for digital television (DTV) station WUNL-DT for its "maximized" DTV operation at Winston-Salem, North Carolina. This application requests a construction permit (CP) for WUNL-DT digital television operation on channel 32 at Winston-Salem with a directional effective radiated power of 400 kilowatts. WUNL-DT intends to use an ERI ATW16HS4-ETC170-32H directional transmitting antenna for digital operation.

Proposed Facilities

Station WUNL-DT proposes to operate DTV channel 32 from its authorized DTV construction permit site. The antenna height above average terrain for the channel 32 DTV operation will be 504 meters. The proposed WUNL-DT effective radiated power exceeds the Commission's *Appendix B* allocated maximum effective radiated power in some azimuthal directions for WUNL-DT.<sup>1</sup> Therefore, an allocation

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<sup>1</sup> See Seventh Report And Order And Eighth Further Notice Of Proposed Rule Making in the Matter of Advanced Television Systems and their Impact Upon the Existing Television Broadcast Service, MB Docket 87-268, Released August 6, 2007; Adopted August 1, 2007.

study was completed to ensure no prohibited interference would occur.

The proposed DTV transmitter site will be located at the authorized WUNL-DT tower. Therefore, the proposed site location is:

36° 22' 31" North Latitude  
80° 22' 18" West Longitude

A sketch of antenna and pertinent elevations are included as Figure 1.

The Appendix contains the vertical and horizontal plane radiation pattern for the proposed antenna system.

Figure 2 is a map showing the proposed DTV predicted coverage contour and the associated DTV appendix B Noise-Limited coverage contour. The extent of the contours have been calculated using the normal FCC prediction method. The Winston-Salem city limits were derived from information contained in the 2000 U.S. Census of Population and Housing.

#### Population Served

The herein proposed WUNL-DT "maximized" facility is predicted to serve 1,925,263 persons, post-transition based upon the 2000 Census. WUNL-DT's associated Appendix B facility is predicted to serve 1,868,000 persons. Therefore, the herein proposed WUNL-DT facility would serve more than 100% of WUNL-DT's Appendix B population.

### Allocation Considerations

The proposed WUNL-DT Channel 32 facility meets the requirements of Section 73.623 of the FCC Rules concerning predicted interference to other Appendix B DTV allotments. Longley-Rice interference analyses were conducted pursuant to the requirements of the FCC Rules; OET Bulletin No. 69; and published FCC guidelines for preparation of such interference analyses. The Longley-Rice interference analyses were conducted using the software developed by du Treil, Lundin & Rackley, Inc. based on the FCC published software routines.<sup>2</sup> Stations selected for analysis were determined pursuant to the distance requirements outlined in the FCC DTV Processing Guidelines Public Notice. The results of the interference analyses for the proposed WUNL-DT facility are summarized herein at Figure 3. As indicated therein, the proposed facility will meet the 0.5% criterion outlined in the FCC Rules and published guidelines with respect to all considered stations.<sup>3</sup>

### Radiofrequency Electromagnetic Field Exposure

The proposed WUNL-DT facilities were evaluated in terms of potential radiofrequency electromagnetic field exposure at ground level to workers and the general public. The radiation center for the proposed WUNL-DT antenna is

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<sup>2</sup> The duTreil, Lundin & Rackley, Inc. DTV interference analysis program is based on the program and procedures outlined by the FCC in the Sixth Report and Order; subsequent Memorandum Opinion and Order; and FCC OET Bulletin No. 69. A nominal grid size resolution of 2 km was employed.

located 106 meters above ground level. The maximum effective radiated power is 400 kilowatts. A "worst case" downward relative field value of 0.1 is assumed for the antenna's downward radiation. The calculated power density at a point 2 meters above ground level is  $0.012 \text{ mW/cm}^2$ . This is less than 5 percent of the Commission's recommended limit of  $0.39 \text{ mW/cm}^2$  for channel 32 for an "uncontrolled" environment.

Access to the transmitting site is restricted and appropriately marked with warning signs. In the event that workers or other authorized personnel enter restricted areas or climb the tower, appropriate measures will be taken to assure worker safety with respect to radio frequency radiation exposure. Such measures include reducing the average exposure by spreading out the work over a longer period of time, wearing "accepted" RFR protective clothing and/or RFR exposure monitors or scheduling work when the stations are at reduced power or shut down. The proposed WUNL-DT operation appears to be otherwise categorically excluded from environmental processing.

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3 Interference analysis results reflect the net change in interference to a given station considering the interference predicted to occur from all other stations (i.e. "masking") including the allotment facility for WUNL-DT. This properly reflects the net interference change for determining compliance with the FCC 0.5% *de minimis* standard.

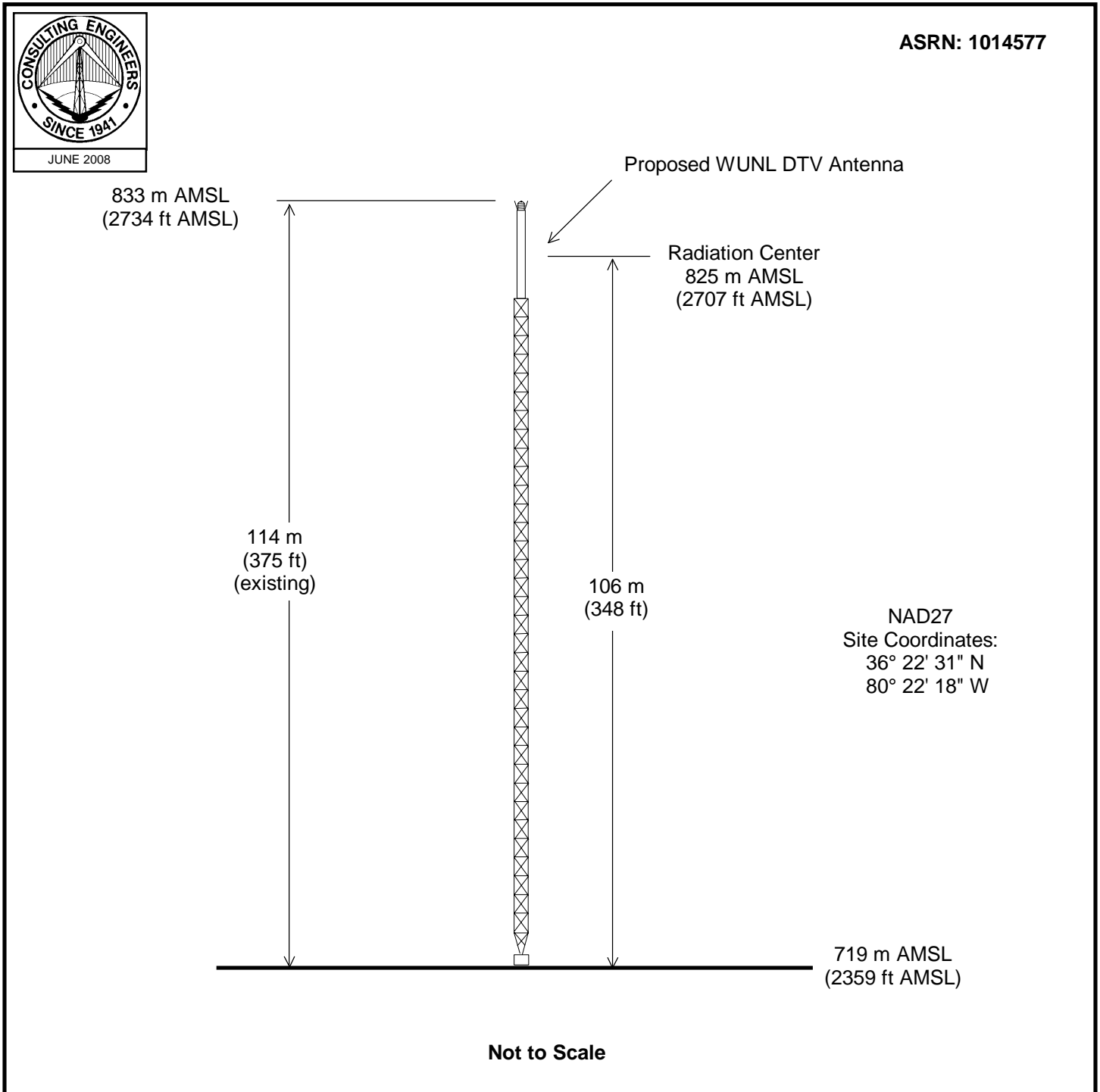
It is noted that this statement only addresses the potential for radiofrequency electromagnetic field exposure. All other aspects of the environmental processing analysis will be or already have been provided to the FCC by the tower owner.

Charles Cooper

du Treil, Lundin & Rackley, Inc.  
201 Fletcher Avenue  
Sarasota, Florida 32437  
941.329.6000

June 13, 2008

Figure 1



## ANTENNA AND SUPPORTING STRUCTURE

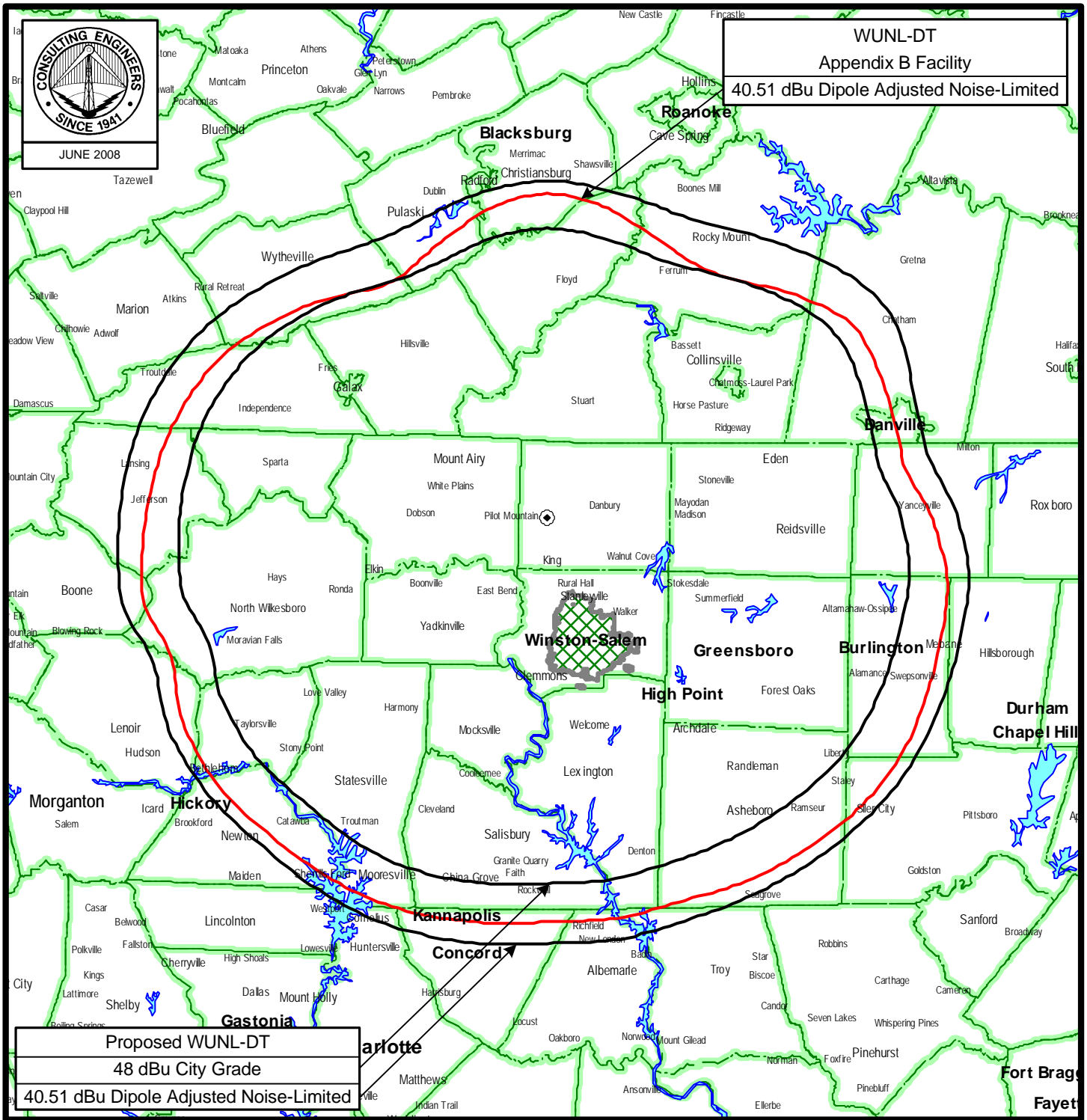
DTV STATION WUNL-DT

WINSTON-SALEM, NORTH CAROLINA

CH 32 400 KW (MAX-DA) 504 M

du Treil, Lundin & Rackley, Inc. Sarasota, Florida

Figure 2



## PREDICTED COVERAGE CONTOURS

DTV STATION WUNL-DT

WINSTON-SALEM, NORTH CAROLINA

CH 32 400 KW (MAX-DA) 504 M

du Treil, Lundin & Rackley, Inc Sarasota, Florida

Figure 3

TW Census data selected 2000  
Post Transition Data Base Selected /export/home/cdbs/pt\_tvdb.sff

#### TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 06-13-2008 Time: 08:22:59

Record Selected for Analysis

WUNL-TV USERRECORD-01 WINSTON-SALEM NC US  
Channel 32 ERP 400. kW HAAT 504. m RCAMSL 00825 m  
Latitude 036-22-33 Longitude 0080-22-18  
Status APP Zone 2 Border  
Dir Antenna Make usr Model WUNLDA2 Beam tilt N Ref Azimuth 0.  
Last update Cutoff date Docket  
Comments  
Applicant

Cell Size for Service Analysis 2.0 km/side

Distance Increments for Longley-Rice Analysis 1.00 km

Facility meets maximum height/power limits

Azimuth (Deg)	ERP (kW)	HAAT (m)	41.0 dBu F(50,90) (km)
0.0	24.010	499.6	82.8
45.0	54.612	532.8	90.9
90.0	353.440	458.3	101.0
135.0	360.620	533.0	107.3
180.0	323.280	507.6	104.3
225.0	360.620	529.3	107.0
270.0	353.440	502.2	104.7
315.0	54.612	466.5	86.7

Evaluation toward Class A Stations

No Spacing violations or contour overlap to Class A stations

Class A Evaluation Complete

Proposed facility OK to FCC Monitoring Stations

Proposed facility OK toward West Virginia quiet zone

Proposed facility OK toward Table Mountain

Figure 3

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	City/State	ARN
32	WUNL-TV	WINSTON-SALEM NC	USERRECORD01

#### Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
24	WLNN-LP	BOONE NC	120.6	LIC	BLTTL	-19970516JB
28	WGTB-LP	CHARLOTTE NC	128.1	LIC	BLTTL	-20000615AGB
31	WUNU	LUMBERTON NC	212.5	PLN	DTVPLN	-DTVP1152
31	WUNU	LUMBERTON NC	212.5	CP	BPEDT	-20080512AAD
31	WXII-TV	WINSTON-SALEM NC	0.2	LIC	BLCDT	-20050627AAU
31	WXII-TV	WINSTON-SALEM NC	0.2	PLN	DTVPLN	-DTVP1153
32	WITN-TV	WASHINGTON NC	290.8	CP	BPCDT	-19990825LC
32	WITN-TV	WASHINGTON NC	290.8	PLN	DTVPLN	-DTVP1186
32	WRLK-TV	COLUMBIA SC	256.1	LIC	BMLEDT	-20040826AAL
32	WRLK-TV	COLUMBIA SC	256.1	PLN	DTVPLN	-DTVP1195
32	WMBF-TV	MYRTLE BEACH SC	316.8	PLN	DTVPLN	-DTVP1196
32	WMBF-TV	MYRTLE BEACH SC	316.8	CP MOD	BMPCDT	-20060829BEG
32	WVIR-TV	CHARLOTTESVILLE VA	244.9	LIC	BLCDT	-20040908AAE
32	WVIR-TV	CHARLOTTESVILLE VA	244.9	PLN	DTVPLN	-DTVP1201
32	WSBN-TV	NORTON VA	209.0	LIC	BLEDT	-20030428ABR
32	WSBN-TV	NORTON VA	209.0	PLN	DTVPLN	-DTVP1202
33	WMYV	GREENSBORO NC	74.9	LIC	BLCDT	-20020430ABD
33	WMYV	GREENSBORO NC	74.9	PLN	DTVPLN	-DTVP1220

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Analysis of Interference to Affected Station 1

#### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
24	WLNN-LP	BOONE NC	BLTTL	-19970516JB

#### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
17	WUNE-TV	LINVILLE NC	22.7	LIC	BLET	-19950124KM
17	WUNE-TV	LINVILLE NC	22.8	PLN	DTVPLN	-DTVP0607
17	WUNE-TV	LINVILLE NC	22.7	CP	BPEDT	-20080331AEO
22	WCNC-TV	CHARLOTTE NC	110.0	LIC	BLCDT	-20031211ABN
22	WCNC-TV	CHARLOTTE NC	110.0	PLN	DTVPLN	-DTVP0813
23	WBTW	CHARLOTTE NC	107.6	LIC	BLCDT	-19991025AEB
23	WBTW	CHARLOTTE NC	107.6	PLN	DTVPLN	-DTVP0852



Figure 3

24	WNEG-TV	TOCCOA GA	235.0	CP MOD	BMPCDT	-20080410ABJ
24	WNEG-TV	TOCCOA GA	235.0	PLN	DTVPLN	-DTVP0880
24	WKPI-TV	PIKEVILLE KY	137.5	LIC	BLEDT	-20020313ABL
24	WKPI-TV	PIKEVILLE KY	137.5	PLN	DTVPLN	-DTVP0885
24	W24BT	TALBERT KY	163.9	LIC	BLTTL	-20001130ACC
24	WFPX-TV	FAYETTEVILLE NC	281.4	APP	BPRM	-20020327ABP
24	WDTT-LP	KNOXVILLE TN	203.8	LIC	BLTTL	-20070731CPA
24	WDTT-LP	LENOIR CITY TN	203.8	APP	BSTA	-20070205AAI
24	WDRL-TV	DANVILLE VA	202.2	LIC	BLCT	-19940818KF
24	WDRL-TV	DANVILLE VA	212.6	PLN	DTVPLN	-DTVP0908
24	WDRL-TV	DANVILLE VA	202.2	APP	BPCT	-20071204ADC
24	WDRL-TV	DANVILLE VA	202.2	APP	BSTA	-20071210ACM
24	WDRL-TV	DANVILLE VA	209.0	APP	BPCDT	-20080317AIL
25	WUNF-TV	ASHEVILLE NC	130.7	LIC	BLEDT	-20030401BAI
25	WUNF-TV	ASHEVILLE NC	130.7	PLN	DTVPLN	-DTVP0929
25	W25AY	JEFFERSON NC	31.7	LIC	BLTT	-19910123ID
27	WUNW	CANTON NC	131.1	APP	BPEDT	-20080402AAN
27	WCCB	CHARLOTTE NC	138.9	LIC	BLCDT	-20020227AAZ
27	WCCB	CHARLOTTE NC	138.9	PLN	DTVPLN	-DTVP1004
27	WKPT-TV	KINGSPORT TN	44.3	CP MOD	BMPCDT	-20050303AAJ
27	WKPT-TV	KINGSPORT TN	44.3	PLN	DTVPLN	-DTVP1017
31	WXII-TV	WINSTON-SALEM NC	120.4	LIC	BLCDT	-20050627AAU
31	WXII-TV	WINSTON-SALEM NC	120.4	PLN	DTVPLN	-DTVP1153
32	WUNL-TV	WINSTON-SALEM NC	120.7	PLN	DTVPLN	-DTVP1187
32	WUNL-TV	WINSTON-SALEM NC	120.6	LIC	BLEDT	-20020717AAH
32	WSBN-TV	NORTON VA	110.0	LIC	BLEDT	-20030428ABR
32	WSBN-TV	NORTON VA	110.0	PLN	DTVPLN	-DTVP1202
38	WEMT	GREENEVILLE TN	93.6	LIC	BLCDT	-20050606AHR
38	WEMT	GREENEVILLE TN	93.6	PLN	DTVPLN	-DTVP1380
39	WMYT-TV	ROCK HILL SC	109.1	CP MOD	BMPCDT	-20080319ADB
39	WMYT-TV	ROCK HILL SC	109.1	PLN	DTVPLN	-DTVP1415
39	WEMT	GREENEVILLE TN	93.6	LIC	BLCT	-20050411ABB
32	WUNL-TV	WINSTON-SALEM NC	120.6	APP	USERRECORD-01	

Proposed station is beyond the site to  
nearest cell evaluation distance

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#### Analysis of Interference to Affected Station 2

##### Analysis of current record

Channel	Call	City/State	Application Ref. No.
28	WGTB-LP	CHARLOTTE NC	BLTTL -20000615AGB

#### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
27	WCCB	CHARLOTTE NC	4.7	LIC	BLCDT -20020227AAZ
27	WCCB	CHARLOTTE NC	4.7	PLN	DTVPLN -DTVP1004
28	DURDC	DURHAM NC	201.0	CP	BPCT -20080317AGR
28	WRDC	DURHAM NC	201.0	PLN	DTVPLN -DTVP1047
28	WRDC	DURHAM NC	200.3	LIC	BLCT -19910116KE
28	W28AO	SPRUCE PINE NC	146.0	LIC	BLTT -19931019IB
28	WTGS	HARDEEVILLE SC	361.5	LIC	BLCT -20070502ADO

Figure 3

28	WTGS	HARDEEVILLE SC	361.5	PLN	DTVPLN	-DTVP1055
28	WRJA-TV	SUMTER SC	157.1	LIC	BLEDT	-20040805ABA
28	WRJA-TV	SUMTER SC	157.1	PLN	DTVPLN	-DTVP1056
29	WXLV-TV	WINSTON-SALEM NC	103.7	CP	BPCDT	-19991101ACF
29	WXLV-TV	WINSTON-SALEM NC	103.7	PLN	DTVPLN	-DTVP1078
31	WXII-TV	WINSTON-SALEM NC	128.0	LIC	BLCDT	-20050627AAU
31	WXII-TV	WINSTON-SALEM NC	128.0	PLN	DTVPLN	-DTVP1153
32	WUNL-TV	WINSTON-SALEM NC	128.2	PLN	DTVPLN	-DTVP1187
32	WUNL-TV	WINSTON-SALEM NC	128.1	LIC	BLEDT	-20020717AAH
32	WRLK-TV	COLUMBIA SC	128.1	LIC	BMLEDT	-20040826AAL
32	WRLK-TV	COLUMBIA SC	128.1	PLN	DTVPLN	-DTVP1195
42	WTVI	CHARLOTTE NC	4.0	LIC	BLET	-19920827KG
42	WTVI	CHARLOTTE NC	4.0	APP	BSTA	-20070606AAP
42	WTVI	CHARLOTTE NC	4.0	APP	BSTA	-20060810AHT
43	WLXI-TV	GREENSBORO NC	103.7	CP MOD	BMPCDT	-20020201AAN
43	WLXI-TV	GREENSBORO NC	103.7	PLN	DTVPLN	-DTVP1545
43	WLXI-TV	GREENSBORO NC	103.7	LIC	BLCDT	-20060630ADU
43	WRET-TV	SPARTANBURG SC	110.9	LIC	BLEDT	-20050324ACD
43	WRET-TV	SPARTANBURG SC	110.9	PLN	DTVPLN	-DTVP1554
32	WUNL-TV	WINSTON-SALEM NC	128.1	APP	USERRECORD-01	

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.
31	WUNU	LUMBERTON NC	DTVPLN -DTVP1152

#### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
30	WSFX-TV	WILMINGTON NC	107.9	LIC	BLCDT -20070213AAS
30	WSFX-TV	WILMINGTON NC	107.9	PLN	DTVPLN -DTVP1112
31	WXII-TV	WINSTON-SALEM NC	212.6	LIC	BLCDT -20050627AAU
31	WXII-TV	WINSTON-SALEM NC	212.6	PLN	DTVPLN -DTVP1153
31	WAVY-TV	PORTSMOUTH VA	320.5	LIC	BLCDT -20010409ABP
31	WAVY-TV	PORTSMOUTH VA	320.5	PLN	DTVPLN -DTVP1163
32	WITN-TV	WASHINGTON NC	162.9	CP	BPCDT -19990825LC
32	WITN-TV	WASHINGTON NC	162.9	PLN	DTVPLN -DTVP1186
32	WUNL-TV	WINSTON-SALEM NC	212.5	PLN	DTVPLN -DTVP1187
32	WRLK-TV	COLUMBIA SC	189.1	LIC	BMLEDT -20040826AAL
32	WRLK-TV	COLUMBIA SC	189.1	PLN	DTVPLN -DTVP1195
32	WMBF-TV	MYRTLE BEACH SC	118.6	PLN	DTVPLN -DTVP1196
32	WMBF-TV	MYRTLE BEACH SC	118.6	CP MOD	BMPCDT -20060829BEG
32	WUNL-TV	WINSTON-SALEM NC	212.5	APP	USERRECORD-01

Proposal causes no interference

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#### Analysis of Interference to Affected Station 4

Figure 3

## Analysis of current record

Channel	Call	City/State	Application Ref. No.
31	WUNU	LUMBERTON NC	BPEDT -20080512AAD

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
30	WSFX-TV	WILMINGTON NC	107.9	LIC	BLCDDT -20070213AAS
30	WSFX-TV	WILMINGTON NC	107.9	PLN	DTVPLN -DTVP1112
31	WXII-TV	WINSTON-SALEM NC	212.6	LIC	BLCDDT -20050627AAU
31	WXII-TV	WINSTON-SALEM NC	212.6	PLN	DTVPLN -DTVP1153
31	WAVY-TV	PORTSMOUTH VA	320.5	LIC	BLCDDT -20010409ABP
31	WAVY-TV	PORTSMOUTH VA	320.5	PLN	DTVPLN -DTVP1163
32	WITN-TV	WASHINGTON NC	162.9	CP	BPEDT -19990825LC
32	WITN-TV	WASHINGTON NC	162.9	PLN	DTVPLN -DTVP1186
32	WUNL-TV	WINSTON-SALEM NC	212.5	PLN	DTVPLN -DTVP1187
32	WRLK-TV	COLUMBIA SC	189.1	LIC	BMLEDT -20040826AAL
32	WRLK-TV	COLUMBIA SC	189.1	PLN	DTVPLN -DTVP1195
32	WMBF-TV	MYRTLE BEACH SC	118.6	PLN	DTVPLN -DTVP1196
32	WMBF-TV	MYRTLE BEACH SC	118.6	CP MOD	BPEDT -20060829BEG
32	WUNL-TV	WINSTON-SALEM NC	212.5	APP	USERRECORD-01

Proposed station is beyond the site to nearest cell evaluation distance

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## Analysis of Interference to Affected Station 5

## Analysis of current record

Channel	Call	City/State	Application Ref. No.
31	WXII-TV	WINSTON-SALEM NC	BLCDDT -20050627AAU

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
30	WSLS-TV	ROANOKE VA	93.9	CP MOD	BPEDT -20050329ACK
30	WSLS-TV	ROANOKE VA	93.9	PLN	DTVPLN -DTVP1126
31	WUNU	LUMBERTON NC	212.6	PLN	DTVPLN -DTVP1152
31	WUNU	LUMBERTON NC	212.6	CP	BPEDT -20080512AAD
31	WAVY-TV	PORTSMOUTH VA	348.2	LIC	BLCDDT -20010409ABP
31	WAVY-TV	PORTSMOUTH VA	348.2	PLN	DTVPLN -DTVP1163
32	WUNL-TV	WINSTON-SALEM NC	0.3	PLN	DTVPLN -DTVP1187
32	WSBN-TV	NORTON VA	208.8	LIC	BLEDT -20030428ABR
32	WSBN-TV	NORTON VA	208.8	PLN	DTVPLN -DTVP1202
32	WUNL-TV	WINSTON-SALEM NC	0.2	APP	USERRECORD-01

Total scenarios = 8

Result key: 1  
 Scenario 1 Affected station 5  
 Before Analysis

Figure 3

Results for: 31A NC WINSTON-SALEM BLCDDT 20050627AAU LIC

HAAT 572.0 m, ATV ERP 815.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	3060732	43960.0
not affected by terrain losses	2739929	40084.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	114113	2498.5
lost to ATV IX only	114113	2498.5
lost to all IX	114113	2498.5

Potential Interfering Stations Included in above Scenario 1

30A VA ROANOKE	BMPCDT	20050329ACK	CP
31A NC LUMBERTON	DTVPLN	DTVP1152	PLN
31A VA PORTSMOUTH	BLCDDT	20010409ABP	LIC
32A NC WINSTON-SALEM	DTVPLN	DTVP1187	PLN

## After Analysis

Results for: 31A NC WINSTON-SALEM BLCDDT 20050627AAU LIC

HAAT 572.0 m, ATV ERP 815.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	3060732	43960.0
not affected by terrain losses	2739929	40084.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	117021	2498.5
lost to ATV IX only	117021	2498.5
lost to all IX	117021	2498.5

Potential Interfering Stations Included in above Scenario 1

30A VA ROANOKE	BMPCDT	20050329ACK	CP
31A NC LUMBERTON	DTVPLN	DTVP1152	PLN
31A VA PORTSMOUTH	BLCDDT	20010409ABP	LIC
32A NC WINSTON-SALEM	USERRECORD01		APP

Percent new IX = 0.1107%

Result key: 2  
 Scenario 2 Affected station 5  
 Before Analysis

Results for: 31A NC WINSTON-SALEM BLCDDT 20050627AAU LIC

HAAT 572.0 m, ATV ERP 815.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	3060732	43960.0
not affected by terrain losses	2739929	40084.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	114113	2498.5
lost to ATV IX only	114113	2498.5
lost to all IX	114113	2498.5

Potential Interfering Stations Included in above Scenario 2

30A VA ROANOKE	BMPCDT	20050329ACK	CP
31A NC LUMBERTON	DTVPLN	DTVP1152	PLN

Figure 3

31A VA PORTSMOUTH DTVPLN DTVP1163 PLN  
 32A NC WINSTON-SALEM DTVPLN DTVP1187 PLN

## After Analysis

Results for: 31A NC WINSTON-SALEM BLCDT 20050627AAU LIC  
 HAAT 572.0 m, ATV ERP 815.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3060732	43960.0
not affected by terrain losses	2739929	40084.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	117021	2498.5
lost to ATV IX only	117021	2498.5
lost to all IX	117021	2498.5

Potential Interfering Stations Included in above Scenario 2

30A VA ROANOKE BMPCDT 20050329ACK CP  
 31A NC LUMBERTON DTVPLN DTVP1152 PLN  
 31A VA PORTSMOUTH DTVPLN DTVP1163 PLN  
 32A NC WINSTON-SALEM USERRECORD01 APP

Percent new IX = 0.1107%

Result key: 3  
 Scenario 3 Affected station 5  
 Before Analysis

Results for: 31A NC WINSTON-SALEM BLCDT 20050627AAU LIC  
 HAAT 572.0 m, ATV ERP 815.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3060732	43960.0
not affected by terrain losses	2739929	40084.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	86721	2071.5
lost to ATV IX only	86721	2071.5
lost to all IX	86721	2071.5

Potential Interfering Stations Included in above Scenario 3

30A VA ROANOKE BMPCDT 20050329ACK CP  
 31A NC LUMBERTON BPEDT 20080512AAD CP  
 31A VA PORTSMOUTH BLCDT 20010409ABP LIC  
 32A NC WINSTON-SALEM DTVPLN DTVP1187 PLN

## After Analysis

Results for: 31A NC WINSTON-SALEM BLCDT 20050627AAU LIC  
 HAAT 572.0 m, ATV ERP 815.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3060732	43960.0
not affected by terrain losses	2739929	40084.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	89629	2071.5
lost to ATV IX only	89629	2071.5
lost to all IX	89629	2071.5

Figure 3

Potential Interfering Stations Included in above Scenario 3

30A VA ROANOKE BMPCDT 20050329ACK CP  
 31A NC LUMBERTON BPEDT 20080512AAD CP  
 31A VA PORTSMOUTH BLCDT 20010409ABP LIC  
 32A NC WINSTON-SALEM USERRECORD01 APP

Percent new IX = 0.1096%

Result key: 4  
 Scenario 4 Affected station 5  
 Before Analysis

Results for: 31A NC WINSTON-SALEM BLCDT 20050627AAU LIC  
 HAAT 572.0 m, ATV ERP 815.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3060732	43960.0
not affected by terrain losses	2739929	40084.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	86721	2071.5
lost to ATV IX only	86721	2071.5
lost to all IX	86721	2071.5

Potential Interfering Stations Included in above Scenario 4

30A VA ROANOKE BMPCDT 20050329ACK CP  
 31A NC LUMBERTON BPEDT 20080512AAD CP  
 31A VA PORTSMOUTH DTVPLN DTVP1163 PLN  
 32A NC WINSTON-SALEM DTVPLN DTVP1187 PLN

## After Analysis

Results for: 31A NC WINSTON-SALEM BLCDT 20050627AAU LIC  
 HAAT 572.0 m, ATV ERP 815.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3060732	43960.0
not affected by terrain losses	2739929	40084.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	89629	2071.5
lost to ATV IX only	89629	2071.5
lost to all IX	89629	2071.5

Potential Interfering Stations Included in above Scenario 4

30A VA ROANOKE BMPCDT 20050329ACK CP  
 31A NC LUMBERTON BPEDT 20080512AAD CP  
 31A VA PORTSMOUTH DTVPLN DTVP1163 PLN  
 32A NC WINSTON-SALEM USERRECORD01 APP

Percent new IX = 0.1096%

Result key: 5  
 Scenario 5 Affected station 5  
 Before Analysis

Results for: 31A NC WINSTON-SALEM BLCDT 20050627AAU LIC  
 HAAT 572.0 m, ATV ERP 815.0 kW

Figure 3

	POPULATION	AREA (sq km)	
within Noise Limited Contour	3060732	43960.0	
not affected by terrain losses	2739929	40084.4	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	114113	2498.5	
lost to ATV IX only	114113	2498.5	
lost to all IX	114113	2498.5	
Potential Interfering Stations Included in above Scenario	5		
30A VA ROANOKE	DTVPLN	DTVP1126	PLN
31A NC LUMBERTON	DTVPLN	DTVP1152	PLN
31A VA PORTSMOUTH	BLCDT	20010409ABP	LIC
32A NC WINSTON-SALEM	DTVPLN	DTVP1187	PLN
After Analysis			
Results for: 31A NC WINSTON-SALEM	BLCDT	20050627AAU	LIC
HAAT 572.0 m, ATV ERP 815.0 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	3060732	43960.0	
not affected by terrain losses	2739929	40084.4	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	117021	2498.5	
lost to ATV IX only	117021	2498.5	
lost to all IX	117021	2498.5	
Potential Interfering Stations Included in above Scenario	5		
30A VA ROANOKE	DTVPLN	DTVP1126	PLN
31A NC LUMBERTON	DTVPLN	DTVP1152	PLN
31A VA PORTSMOUTH	BLCDT	20010409ABP	LIC
32A NC WINSTON-SALEM	USERRECORD01	APP	
Percent new IX =	0.1107%		
Result key:	6		
Scenario	6 Affected station	5	
Before Analysis			
Results for: 31A NC WINSTON-SALEM	BLCDT	20050627AAU	LIC
HAAT 572.0 m, ATV ERP 815.0 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	3060732	43960.0	
not affected by terrain losses	2739929	40084.4	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	114113	2498.5	
lost to ATV IX only	114113	2498.5	
lost to all IX	114113	2498.5	
Potential Interfering Stations Included in above Scenario	6		
30A VA ROANOKE	DTVPLN	DTVP1126	PLN
31A NC LUMBERTON	DTVPLN	DTVP1152	PLN
31A VA PORTSMOUTH	DTVPLN	DTVP1163	PLN
32A NC WINSTON-SALEM	DTVPLN	DTVP1187	PLN

Figure 3

After Analysis				
Results for: 31A NC WINSTON-SALEM		BLCDT	20050627AAU	LIC
HAAT 572.0 m, ATV ERP 815.0 kW				
	POPULATION	AREA (sq km)		
within Noise Limited Contour	3060732	43960.0		
not affected by terrain losses	2739929	40084.4		
lost to NTSC IX	0	0.0		
lost to additional IX by ATV	117021	2498.5		
lost to ATV IX only	117021	2498.5		
lost to all IX	117021	2498.5		
Potential Interfering Stations Included in above Scenario				6
30A VA ROANOKE	DTVPLN	DTVP1126	PLN	
31A NC LUMBERTON	DTVPLN	DTVP1152	PLN	
31A VA PORTSMOUTH	DTVPLN	DTVP1163	PLN	
32A NC WINSTON-SALEM	USERRECORD01	APP		
Percent new IX = 0.1107%				
Result key: 7				
Scenario 7 Affected station		5		
Before Analysis				
Results for: 31A NC WINSTON-SALEM		BLCDT	20050627AAU	LIC
HAAT 572.0 m, ATV ERP 815.0 kW				
	POPULATION	AREA (sq km)		
within Noise Limited Contour	3060732	43960.0		
not affected by terrain losses	2739929	40084.4		
lost to NTSC IX	0	0.0		
lost to additional IX by ATV	86721	2071.5		
lost to ATV IX only	86721	2071.5		
lost to all IX	86721	2071.5		
Potential Interfering Stations Included in above Scenario				7
30A VA ROANOKE	DTVPLN	DTVP1126	PLN	
31A NC LUMBERTON	BPEDT	20080512AAD	CP	
31A VA PORTSMOUTH	BLCDT	20010409ABP	LIC	
32A NC WINSTON-SALEM	DTVPLN	DTVP1187	PLN	
After Analysis				
Results for: 31A NC WINSTON-SALEM		BLCDT	20050627AAU	LIC
HAAT 572.0 m, ATV ERP 815.0 kW				
	POPULATION	AREA (sq km)		
within Noise Limited Contour	3060732	43960.0		
not affected by terrain losses	2739929	40084.4		
lost to NTSC IX	0	0.0		
lost to additional IX by ATV	89629	2071.5		
lost to ATV IX only	89629	2071.5		
lost to all IX	89629	2071.5		
Potential Interfering Stations Included in above Scenario				7
30A VA ROANOKE	DTVPLN	DTVP1126	PLN	

Figure 3

31A NC LUMBERTON	BPEDT	20080512AAD	CP
31A VA PORTSMOUTH	BLCDT	20010409ABP	LIC
32A NC WINSTON-SALEM	USERRECORD01		APP

Percent new IX = 0.1096%

Result key: 8  
 Scenario 8 Affected station 5  
 Before Analysis

Results for: 31A NC WINSTON-SALEM	BLCDT	20050627AAU	LIC
HAAT 572.0 m, ATV ERP 815.0 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	3060732	43960.0	
not affected by terrain losses	2739929	40084.4	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	86721	2071.5	
lost to ATV IX only	86721	2071.5	
lost to all IX	86721	2071.5	

Potential Interfering Stations Included in above Scenario 8

30A VA ROANOKE	DTVPLN	DTVP1126	PLN
31A NC LUMBERTON	BPEDT	20080512AAD	CP
31A VA PORTSMOUTH	DTVPLN	DTVP1163	PLN
32A NC WINSTON-SALEM	DTVPLN	DTVP1187	PLN

After Analysis

Results for: 31A NC WINSTON-SALEM	BLCDT	20050627AAU	LIC
HAAT 572.0 m, ATV ERP 815.0 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	3060732	43960.0	
not affected by terrain losses	2739929	40084.4	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	89629	2071.5	
lost to ATV IX only	89629	2071.5	
lost to all IX	89629	2071.5	

Potential Interfering Stations Included in above Scenario 8

30A VA ROANOKE	DTVPLN	DTVP1126	PLN
31A NC LUMBERTON	BPEDT	20080512AAD	CP
31A VA PORTSMOUTH	DTVPLN	DTVP1163	PLN
32A NC WINSTON-SALEM	USERRECORD01		APP

Percent new IX = 0.1096%

Worst case new IX 0.1107% Scenario 1

#####

Analysis of Interference to Affected Station 6

Analysis of current record

Figure 3

Channel	Call	City/State	Application Ref. No.
31	WXII-TV	WINSTON-SALEM NC	DTVPLN -DTV1153

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
30	WSLS-TV	ROANOKE VA	93.9	CP MOD	BMPCDT -20050329ACK
30	WSLS-TV	ROANOKE VA	93.9	PLN	DTVPLN -DTV1126
31	WUNU	LUMBERTON NC	212.6	PLN	DTVPLN -DTV1152
31	WUNU	LUMBERTON NC	212.6	CP	BPEDT -20080512AAD
31	WAVY-TV	PORTSMOUTH VA	348.2	LIC	BLCDT -20010409ABP
31	WAVY-TV	PORTSMOUTH VA	348.2	PLN	DTVPLN -DTV1163
32	WUNL-TV	WINSTON-SALEM NC	0.3	PLN	DTVPLN -DTV1187
32	WSBN-TV	NORTON VA	208.8	LIC	BLEDT -20030428ABR
32	WSBN-TV	NORTON VA	208.8	PLN	DTVPLN -DTV1202
32	WUNL-TV	WINSTON-SALEM NC	0.2	APP	USERRECORD-01

Total scenarios = 8

Result key: 9  
 Scenario 1 Affected station 6  
 Before Analysis

Results for: 31A NC WINSTON-SALEM	DTVPLN	DTVP1153	PLN
HAAT 572.0 m, ATV ERP 815.0 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	3060732	43960.0	
not affected by terrain losses	2739929	40084.4	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	114113	2498.5	
lost to ATV IX only	114113	2498.5	
lost to all IX	114113	2498.5	

Potential Interfering Stations Included in above Scenario 1

30A VA ROANOKE	BMPCDT	20050329ACK	CP
31A NC LUMBERTON	DTVPLN	DTVP1152	PLN
31A VA PORTSMOUTH	BLCDT	20010409ABP	LIC
32A NC WINSTON-SALEM	DTVPLN	DTVP1187	PLN

After Analysis

Results for: 31A NC WINSTON-SALEM	DTVPLN	DTVP1153	PLN
HAAT 572.0 m, ATV ERP 815.0 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	3060732	43960.0	
not affected by terrain losses	2739929	40084.4	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	117021	2498.5	
lost to ATV IX only	117021	2498.5	
lost to all IX	117021	2498.5	

Potential Interfering Stations Included in above Scenario 1

30A VA ROANOKE	BMPCDT	20050329ACK	CP
31A NC LUMBERTON	DTVPLN	DTVP1152	PLN

Figure 3

31A VA PORTSMOUTH                   BLCDT       20010409ABP   LIC  
32A NC WINSTON-SALEM            USERRECORD01       APP

Percent new IX =     0.1107%

Result key:           10  
Scenario            2   Affected station           6  
Before Analysis

Results for: 31A NC WINSTON-SALEM                   DTVPLN       DTVP1153       PLN  
HAAT   572.0 m, ATV ERP   815.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3060732	43960.0
not affected by terrain losses	2739929	40084.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	114113	2498.5
lost to ATV IX only	114113	2498.5
lost to all IX	114113	2498.5

Potential Interfering Stations Included in above Scenario       2

30A VA ROANOKE                   BMPCDT       20050329ACK   CP  
31A NC LUMBERTON                DTVPLN       DTVP1152       PLN  
31A VA PORTSMOUTH               DTVPLN       DTVP1163       PLN  
32A NC WINSTON-SALEM            DTVPLN       DTVP1187       PLN

After Analysis

Results for: 31A NC WINSTON-SALEM                   DTVPLN       DTVP1153       PLN  
HAAT   572.0 m, ATV ERP   815.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3060732	43960.0
not affected by terrain losses	2739929	40084.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	117021	2498.5
lost to ATV IX only	117021	2498.5
lost to all IX	117021	2498.5

Potential Interfering Stations Included in above Scenario       2

30A VA ROANOKE                   BMPCDT       20050329ACK   CP  
31A NC LUMBERTON                DTVPLN       DTVP1152       PLN  
31A VA PORTSMOUTH               DTVPLN       DTVP1163       PLN  
32A NC WINSTON-SALEM            USERRECORD01       APP

Percent new IX =     0.1107%

Result key:           11  
Scenario            3   Affected station           6  
Before Analysis

Results for: 31A NC WINSTON-SALEM                   DTVPLN       DTVP1153       PLN  
HAAT   572.0 m, ATV ERP   815.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3060732	43960.0
not affected by terrain losses	2739929	40084.4
lost to NTSC IX	0	0.0

Figure 3

lost to additional IX by ATV       86721       2071.5  
lost to ATV IX only               86721       2071.5  
lost to all IX                    86721       2071.5

Potential Interfering Stations Included in above Scenario       3

30A VA ROANOKE                   BMPCDT       20050329ACK   CP  
31A NC LUMBERTON                BPEDT       20080512AAD   CP  
31A VA PORTSMOUTH               BLCDT       20010409ABP   LIC  
32A NC WINSTON-SALEM            DTVPLN       DTVP1187       PLN

After Analysis

Results for: 31A NC WINSTON-SALEM                   DTVPLN       DTVP1153       PLN  
HAAT   572.0 m, ATV ERP   815.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3060732	43960.0
not affected by terrain losses	2739929	40084.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	89629	2071.5
lost to ATV IX only	89629	2071.5
lost to all IX	89629	2071.5

Potential Interfering Stations Included in above Scenario       3

30A VA ROANOKE                   BMPCDT       20050329ACK   CP  
31A NC LUMBERTON                BPEDT       20080512AAD   CP  
31A VA PORTSMOUTH               BLCDT       20010409ABP   LIC  
32A NC WINSTON-SALEM            USERRECORD01       APP

Percent new IX =     0.1096%

Result key:           12  
Scenario            4   Affected station           6  
Before Analysis

Results for: 31A NC WINSTON-SALEM                   DTVPLN       DTVP1153       PLN  
HAAT   572.0 m, ATV ERP   815.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3060732	43960.0
not affected by terrain losses	2739929	40084.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	86721	2071.5
lost to ATV IX only	86721	2071.5
lost to all IX	86721	2071.5

Potential Interfering Stations Included in above Scenario       4

30A VA ROANOKE                   BMPCDT       20050329ACK   CP  
31A NC LUMBERTON                BPEDT       20080512AAD   CP  
31A VA PORTSMOUTH               DTVPLN       DTVP1163       PLN  
32A NC WINSTON-SALEM            DTVPLN       DTVP1187       PLN

After Analysis

Results for: 31A NC WINSTON-SALEM                   DTVPLN       DTVP1153       PLN  
HAAT   572.0 m, ATV ERP   815.0 kW

Figure 3

		POPULATION	AREA (sq km)	
within Noise Limited Contour		3060732	43960.0	
not affected by terrain losses		2739929	40084.4	
lost to NTSC IX		0	0.0	
lost to additional IX by ATV		89629	2071.5	
lost to ATV IX only		89629	2071.5	
lost to all IX		89629	2071.5	
Potential Interfering Stations Included in above Scenario				4
30A VA ROANOKE	BMPCDT	20050329ACK	CP	
31A NC LUMBERTON	BPEDT	20080512AAD	CP	
31A VA PORTSMOUTH	DTVPLN	DTVP1163	PLN	
32A NC WINSTON-SALEM	USERRECORD01		APP	
Percent new IX =		0.1096%		
Result key:		13		
Scenario		5 Affected station		6
Before Analysis				
Results for: 31A NC WINSTON-SALEM	DTVPLN	DTVP1153	PLN	
HAAT 572.0 m, ATV ERP 815.0 kW				
		POPULATION	AREA (sq km)	
within Noise Limited Contour		3060732	43960.0	
not affected by terrain losses		2739929	40084.4	
lost to NTSC IX		0	0.0	
lost to additional IX by ATV		114113	2498.5	
lost to ATV IX only		114113	2498.5	
lost to all IX		114113	2498.5	
Potential Interfering Stations Included in above Scenario				5
30A VA ROANOKE	DTVPLN	DTVP1126	PLN	
31A NC LUMBERTON	DTVPLN	DTVP1152	PLN	
31A VA PORTSMOUTH	BLCDDT	20010409ABP	LIC	
32A NC WINSTON-SALEM	DTVPLN	DTVP1187	PLN	
After Analysis				
Results for: 31A NC WINSTON-SALEM	DTVPLN	DTVP1153	PLN	
HAAT 572.0 m, ATV ERP 815.0 kW				
		POPULATION	AREA (sq km)	
within Noise Limited Contour		3060732	43960.0	
not affected by terrain losses		2739929	40084.4	
lost to NTSC IX		0	0.0	
lost to additional IX by ATV		117021	2498.5	
lost to ATV IX only		117021	2498.5	
lost to all IX		117021	2498.5	
Potential Interfering Stations Included in above Scenario				5
30A VA ROANOKE	DTVPLN	DTVP1126	PLN	
31A NC LUMBERTON	DTVPLN	DTVP1152	PLN	
31A VA PORTSMOUTH	BLCDDT	20010409ABP	LIC	
32A NC WINSTON-SALEM	USERRECORD01		APP	

Figure 3

Percent new IX =		0.1107%		
Result key:		14		
Scenario		6 Affected station		6
Before Analysis				
Results for: 31A NC WINSTON-SALEM	DTVPLN	DTVP1153	PLN	
HAAT 572.0 m, ATV ERP 815.0 kW				
		POPULATION	AREA (sq km)	
within Noise Limited Contour		3060732	43960.0	
not affected by terrain losses		2739929	40084.4	
lost to NTSC IX		0	0.0	
lost to additional IX by ATV		114113	2498.5	
lost to ATV IX only		114113	2498.5	
lost to all IX		114113	2498.5	
Potential Interfering Stations Included in above Scenario				6
30A VA ROANOKE	DTVPLN	DTVP1126	PLN	
31A NC LUMBERTON	DTVPLN	DTVP1152	PLN	
31A VA PORTSMOUTH	DTVPLN	DTVP1163	PLN	
32A NC WINSTON-SALEM	DTVPLN	DTVP1187	PLN	
After Analysis				
Results for: 31A NC WINSTON-SALEM	DTVPLN	DTVP1153	PLN	
HAAT 572.0 m, ATV ERP 815.0 kW				
		POPULATION	AREA (sq km)	
within Noise Limited Contour		3060732	43960.0	
not affected by terrain losses		2739929	40084.4	
lost to NTSC IX		0	0.0	
lost to additional IX by ATV		117021	2498.5	
lost to ATV IX only		117021	2498.5	
lost to all IX		117021	2498.5	
Potential Interfering Stations Included in above Scenario				6
30A VA ROANOKE	DTVPLN	DTVP1126	PLN	
31A NC LUMBERTON	DTVPLN	DTVP1152	PLN	
31A VA PORTSMOUTH	DTVPLN	DTVP1163	PLN	
32A NC WINSTON-SALEM	USERRECORD01		APP	
Percent new IX =		0.1107%		
Result key:		15		
Scenario		7 Affected station		6
Before Analysis				
Results for: 31A NC WINSTON-SALEM	DTVPLN	DTVP1153	PLN	
HAAT 572.0 m, ATV ERP 815.0 kW				
		POPULATION	AREA (sq km)	
within Noise Limited Contour		3060732	43960.0	
not affected by terrain losses		2739929	40084.4	
lost to NTSC IX		0	0.0	
lost to additional IX by ATV		86721	2071.5	
lost to ATV IX only		86721	2071.5	
lost to all IX		86721	2071.5	

Figure 3

Potential Interfering Stations Included in above Scenario	7		
30A VA ROANOKE	DTVPLN	DTVP1126	PLN
31A NC LUMBERTON	BPEDT	20080512AAD	CP
31A VA PORTSMOUTH	BLCDT	20010409ABP	LIC
32A NC WINSTON-SALEM	DTVPLN	DTVP1187	PLN
After Analysis			
Results for: 31A NC WINSTON-SALEM	DTVPLN	DTVP1153	PLN
HAAT 572.0 m, ATV ERP 815.0 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	3060732	43960.0	
not affected by terrain losses	2739929	40084.4	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	89629	2071.5	
lost to ATV IX only	89629	2071.5	
lost to all IX	89629	2071.5	
Potential Interfering Stations Included in above Scenario	7		
30A VA ROANOKE	DTVPLN	DTVP1126	PLN
31A NC LUMBERTON	BPEDT	20080512AAD	CP
31A VA PORTSMOUTH	BLCDT	20010409ABP	LIC
32A NC WINSTON-SALEM	USERRECORD01		APP
Percent new IX =	0.1096%		
Result key:	16		
Scenario	8 Affected station	6	
Before Analysis			
Results for: 31A NC WINSTON-SALEM	DTVPLN	DTVP1153	PLN
HAAT 572.0 m, ATV ERP 815.0 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	3060732	43960.0	
not affected by terrain losses	2739929	40084.4	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	86721	2071.5	
lost to ATV IX only	86721	2071.5	
lost to all IX	86721	2071.5	
Potential Interfering Stations Included in above Scenario	8		
30A VA ROANOKE	DTVPLN	DTVP1126	PLN
31A NC LUMBERTON	BPEDT	20080512AAD	CP
31A VA PORTSMOUTH	DTVPLN	DTVP1163	PLN
32A NC WINSTON-SALEM	DTVPLN	DTVP1187	PLN

After Analysis

Results for: 31A NC WINSTON-SALEM	DTVPLN	DTVP1153	PLN
HAAT 572.0 m, ATV ERP 815.0 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	3060732	43960.0	
not affected by terrain losses	2739929	40084.4	

Figure 3

lost to NTSC IX	0	0.0
lost to additional IX by ATV	89629	2071.5
lost to ATV IX only	89629	2071.5
lost to all IX	89629	2071.5

Potential Interfering Stations Included in above Scenario 8

30A VA ROANOKE	DTVPLN	DTVP1126	PLN
31A NC LUMBERTON	BPEDT	20080512AAD	CP
31A VA PORTSMOUTH	DTVPLN	DTVP1163	PLN
32A NC WINSTON-SALEM	USERRECORD01		APP

Percent new IX = 0.1096%

Worst case new IX 0.1107% Scenario 1

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Analysis of Interference to Affected Station 7

Analysis of current record

Channel	Call	City/State	Application Ref. No.
32	WITN-TV	WASHINGTON NC	BPCDT -19990825LC

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
31	WUNU	LUMBERTON NC	162.9	PLN	DTVPLN -DTVP1152
31	WUNU	LUMBERTON NC	162.9	CP	BPEDT -20080512AAD
31	WAVY-TV	PORTSMOUTH VA	180.1	LIC	BLCDT -20010409ABP
31	WAVY-TV	PORTSMOUTH VA	180.1	PLN	DTVPLN -DTVP1163
32	WUNL-TV	WINSTON-SALEM NC	290.7	PLN	DTVPLN -DTVP1187
32	WRLK-TV	COLUMBIA SC	352.0	LIC	BMLEDT -20040826AAL
32	WRLK-TV	COLUMBIA SC	352.0	PLN	DTVPLN -DTVP1195
32	WMBF-TV	MYRTLE BEACH SC	238.1	PLN	DTVPLN -DTVP1196
32	WMBF-TV	MYRTLE BEACH SC	238.1	CP MOD	BMPCDT -20060829BEG
32	WVIR-TV	CHARLOTTESVILLE VA	306.8	LIC	BLCDT -20040908AAE
32	WVIR-TV	CHARLOTTESVILLE VA	306.8	PLN	DTVPLN -DTVP1201
33	WMYV	GREENSBORO NC	226.5	LIC	BLCDT -20020430ABD
33	WMYV	GREENSBORO NC	226.5	PLN	DTVPLN -DTVP1220
33	WTVZ-TV	NORFOLK VA	179.2	PLN	DTVPLN -DTVP1233
33	WTVZ-TV	NORFOLK VA	179.2	CP	BPCDT -20080317AGK
32	WUNL-TV	WINSTON-SALEM NC	290.8	APP	USERRECORD-01

Total scenarios = 2

Result key: 17  
Scenario 1 Affected station 7  
Before Analysis

Results for: 32A NC WASHINGTON	BPCDT	19990825LC	CP
HAAT 594.0 m, ATV ERP 795.0 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1515113	44684.7	



Figure 3

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not affected by terrain losses 1512674 44656.7
lost to NTSC IX 0 0.0
lost to additional IX by ATV 15963 171.6
lost to ATV IX only 15963 171.6
lost to all IX 15963 171.6

Potential Interfering Stations Included in above Scenario 1

32A VA CHARLOTTESVILLE BLCDT 20040908AAE LIC
32A NC WINSTON-SALEM DTVPLN DTVP1187 PLN

After Analysis

Results for: 32A NC WASHINGTON BPCDT 19990825LC CP
HAAT 594.0 m, ATV ERP 795.0 kW
POPULATION AREA (sq km)
within Noise Limited Contour 1515113 44684.7
not affected by terrain losses 1512674 44656.7
lost to NTSC IX 0 0.0
lost to additional IX by ATV 20820 215.6
lost to ATV IX only 20820 215.6
lost to all IX 20820 215.6

Potential Interfering Stations Included in above Scenario 1

32A VA CHARLOTTESVILLE BLCDT 20040908AAE LIC
32A NC WINSTON-SALEM USERRECORD01 APP

Percent new IX = 0.3245%

Result key: 18
Scenario 2 Affected station 7
Before Analysis

Results for: 32A NC WASHINGTON BPCDT 19990825LC CP
HAAT 594.0 m, ATV ERP 795.0 kW
POPULATION AREA (sq km)
within Noise Limited Contour 1515113 44684.7
not affected by terrain losses 1512674 44656.7
lost to NTSC IX 0 0.0
lost to additional IX by ATV 15963 171.6
lost to ATV IX only 15963 171.6
lost to all IX 15963 171.6

Potential Interfering Stations Included in above Scenario 2

32A VA CHARLOTTESVILLE DTVPLN DTVP1201 PLN
32A NC WINSTON-SALEM DTVPLN DTVP1187 PLN

After Analysis

Results for: 32A NC WASHINGTON BPCDT 19990825LC CP
HAAT 594.0 m, ATV ERP 795.0 kW
POPULATION AREA (sq km)
within Noise Limited Contour 1515113 44684.7
not affected by terrain losses 1512674 44656.7
lost to NTSC IX 0 0.0

```

Figure 3

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lost to additional IX by ATV 20820 215.6
lost to ATV IX only 20820 215.6
lost to all IX 20820 215.6

Potential Interfering Stations Included in above Scenario 2

32A VA CHARLOTTESVILLE DTVPLN DTVP1201 PLN
32A NC WINSTON-SALEM USERRECORD01 APP

Percent new IX = 0.3245%

Worst case new IX 0.3245% Scenario 1

#####

Analysis of Interference to Affected Station 8

Analysis of current record
Channel Call City/State Application Ref. No.
32 WITN-TV WASHINGTON NC DTVPLN -DTVPL186

Stations Potentially Affecting This Station

Chan Call City/State Dist(km) Status Application Ref. No.
31 WUNU LUMBERTON NC 162.9 PLN DTVPLN -DTVPL152
31 WUNU LUMBERTON NC 162.9 CP BPEDT -20080512AAD
31 WAVY-TV PORTSMOUTH VA 180.1 LIC BLCDT -20010409ABP
31 WAVY-TV PORTSMOUTH VA 180.1 PLN DTVPLN -DTVPL163
32 WUNL-TV WINSTON-SALEM NC 290.7 PLN DTVPLN -DTVPL187
32 WRLK-TV COLUMBIA SC 352.0 LIC BML EDT -20040826AAL
32 WRLK-TV COLUMBIA SC 352.0 PLN DTVPLN -DTVPL195
32 WMBF-TV MYRTLE BEACH SC 238.1 PLN DTVPLN -DTVPL196
32 WMBF-TV MYRTLE BEACH SC 238.1 CP MOD BMP EDT -20060829BEG
32 WVIR-TV CHARLOTTESVILLE VA 306.8 LIC BLCDT -20040908AAE
32 WVIR-TV CHARLOTTESVILLE VA 306.8 PLN DTVPLN -DTVPL1201
33 WMYV GREENSBORO NC 226.5 LIC BLCDT -20020430ABD
33 WMYV GREENSBORO NC 226.5 PLN DTVPLN -DTVPL1220
33 WTVZ-TV NORFOLK VA 179.2 PLN DTVPLN -DTVPL1233
33 WTVZ-TV NORFOLK VA 179.2 CP BPCDT -20080317AGK
32 WUNL-TV WINSTON-SALEM NC 290.8 APP USERRECORD-01

Total scenarios = 2

Result key: 19
Scenario 1 Affected station 8
Before Analysis

Results for: 32A NC WASHINGTON DTVPLN DTVPL186 PLN
HAAT 594.0 m, ATV ERP 806.0 kW
POPULATION AREA (sq km)
within Noise Limited Contour 1515832 44756.7
not affected by terrain losses 1513386 44728.7
lost to NTSC IX 0 0.0
lost to additional IX by ATV 15790 163.7

```

Figure 3

lost to ATV IX only 15790 163.7  
lost to all IX 15790 163.7

Potential Interfering Stations Included in above Scenario 1

32A VA CHARLOTTESVILLE	BLCDT	20040908AAE	LIC
32A NC WINSTON-SALEM	DTVPLN	DTVP1187	PLN

After Analysis

Results for: 32A NC WASHINGTON DTVPLN DTVP1186 PLN  
HAAT 594.0 m, ATV ERP 806.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1515832	44756.7
not affected by terrain losses	1513386	44728.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	20349	199.6
lost to ATV IX only	20349	199.6
lost to all IX	20349	199.6

Potential Interfering Stations Included in above Scenario 1

32A VA CHARLOTTESVILLE	BLCDT	20040908AAE	LIC
32A NC WINSTON-SALEM	USERRECORD01		APP

Percent new IX = 0.3044%

Result key: 20  
Scenario 2 Affected station 8  
Before Analysis

Results for: 32A NC WASHINGTON DTVPLN DTVP1186 PLN  
HAAT 594.0 m, ATV ERP 806.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1515832	44756.7
not affected by terrain losses	1513386	44728.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	15790	163.7
lost to ATV IX only	15790	163.7
lost to all IX	15790	163.7

Potential Interfering Stations Included in above Scenario 2

32A VA CHARLOTTESVILLE	DTVPLN	DTVP1201	PLN
32A NC WINSTON-SALEM	DTVPLN	DTVP1187	PLN

After Analysis

Results for: 32A NC WASHINGTON DTVPLN DTVP1186 PLN  
HAAT 594.0 m, ATV ERP 806.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1515832	44756.7
not affected by terrain losses	1513386	44728.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	20349	199.6
lost to ATV IX only	20349	199.6
lost to all IX	20349	199.6

Figure 3

Potential Interfering Stations Included in above Scenario 2

32A VA CHARLOTTESVILLE	DTVPLN	DTVP1201	PLN
32A NC WINSTON-SALEM	USERRECORD01		APP

Percent new IX = 0.3044%

Worst case new IX 0.3044% Scenario 1

#####

Analysis of Interference to Affected Station 9

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
32	WRLK-TV	COLUMBIA SC	BMLED	-20040826AAL

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
31	WUNU	LUMBERTON NC	189.1	PLN	DTVPLN	-DTVP1152
31	WUNU	LUMBERTON NC	189.1	CP	BPEDT	-20080512AAD
32	WPGA-TV	PERRY GA	286.7	CP MOD	BMPCDT	-20041203ADW
32	WPGA-TV	PERRY GA	286.7	PLN	DTVPLN	-DTVP1178
32	WPGA-TV	PERRY GA	286.7	LIC	BLCDT	-20030717AAA
32	WITN-TV	WASHINGTON NC	352.0	CP	BPCDT	-19990825LC
32	WITN-TV	WASHINGTON NC	352.0	PLN	DTVPLN	-DTVP1186
32	WUNL-TV	WINSTON-SALEM NC	256.2	PLN	DTVPLN	-DTVP1187
32	WMBF-TV	MYRTLE BEACH SC	177.0	PLN	DTVPLN	-DTVP1196
32	WMBF-TV	MYRTLE BEACH SC	177.0	CP MOD	BMPCDT	-20060829BEG
32	WSBN-TV	NORTON VA	344.5	LIC	BLEDT	-20030428ABR
32	WSBN-TV	NORTON VA	344.5	PLN	DTVPLN	-DTVP1202
33	WMYV	GREENSBORO NC	219.2	LIC	BLCDT	-20020430ABD
33	WMYV	GREENSBORO NC	219.2	PLN	DTVPLN	-DTVP1220
33	WEBA-TV	ALLENDALE SC	111.9	LIC	BLEDT	-20050915AAY
33	WEBA-TV	ALLENDALE SC	111.9	PLN	DTVPLN	-DTVP1229
32	WUNL-TV	WINSTON-SALEM NC	256.1	APP	USERRECORD-01	

Total scenarios = 16

Result key: 21  
Scenario 1 Affected station 9  
Before Analysis

Results for: 32A SC COLUMBIA BMLED 20040826AAL LIC  
HAAT 316.0 m, ATV ERP 62.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	967732	18941.9
not affected by terrain losses	967288	18909.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	314	56.0
lost to ATV IX only	314	56.0
lost to all IX	314	56.0

Figure 3

Potential Interfering Stations Included in above Scenario 1

32A NC WASHINGTON	BPCDT	19990825LC	CP
32A SC MYRTLE BEACH	DTVPLN	DTVP1196	PLN
32A VA NORTON	BLEDT	20030428ABR	LIC
33A SC ALLENDALE	BLEDT	20050915AAY	LIC
32A NC WINSTON-SALEM	DTVPLN	DTVP1187	PLN

After Analysis

Results for: 32A SC COLUMBIA BMLEDT 20040826AAL LIC

HAAT 316.0 m, ATV ERP 62.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	967732	18941.9
not affected by terrain losses	967288	18909.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	770	84.0
lost to ATV IX only	770	84.0
lost to all IX	770	84.0

Potential Interfering Stations Included in above Scenario 1

32A NC WASHINGTON	BPCDT	19990825LC	CP
32A SC MYRTLE BEACH	DTVPLN	DTVP1196	PLN
32A VA NORTON	BLEDT	20030428ABR	LIC
33A SC ALLENDALE	BLEDT	20050915AAY	LIC
32A NC WINSTON-SALEM	USERRECORD01		APP

Percent new IX = 0.0472%

Result key: 22  
Scenario 2 Affected station 9  
Before Analysis

Results for: 32A SC COLUMBIA BMLEDT 20040826AAL LIC

HAAT 316.0 m, ATV ERP 62.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	967732	18941.9
not affected by terrain losses	967288	18909.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	314	56.0
lost to ATV IX only	314	56.0
lost to all IX	314	56.0

Potential Interfering Stations Included in above Scenario 2

32A NC WASHINGTON	BPCDT	19990825LC	CP
32A SC MYRTLE BEACH	DTVPLN	DTVP1196	PLN
32A VA NORTON	BLEDT	20030428ABR	LIC
33A SC ALLENDALE	DTVPLN	DTVP1229	PLN
32A NC WINSTON-SALEM	DTVPLN	DTVP1187	PLN

After Analysis

Results for: 32A SC COLUMBIA BMLEDT 20040826AAL LIC

HAAT 316.0 m, ATV ERP 62.0 kW
-------------------------------

Figure 3

	POPULATION	AREA (sq km)
within Noise Limited Contour	967732	18941.9
not affected by terrain losses	967288	18909.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	770	84.0
lost to ATV IX only	770	84.0
lost to all IX	770	84.0

Potential Interfering Stations Included in above Scenario 2

32A NC WASHINGTON	BPCDT	19990825LC	CP
32A SC MYRTLE BEACH	DTVPLN	DTVP1196	PLN
32A VA NORTON	BLEDT	20030428ABR	LIC
33A SC ALLENDALE	DTVPLN	DTVP1229	PLN
32A NC WINSTON-SALEM	USERRECORD01		APP

Percent new IX = 0.0472%

Result key: 23  
Scenario 3 Affected station 9  
Before Analysis

Results for: 32A SC COLUMBIA BMLEDT 20040826AAL LIC

HAAT 316.0 m, ATV ERP 62.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	967732	18941.9
not affected by terrain losses	967288	18909.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	314	56.0
lost to ATV IX only	314	56.0
lost to all IX	314	56.0

Potential Interfering Stations Included in above Scenario 3

32A NC WASHINGTON	BPCDT	19990825LC	CP
32A SC MYRTLE BEACH	DTVPLN	DTVP1196	PLN
32A VA NORTON	DTVPLN	DTVP1202	PLN
33A SC ALLENDALE	BLEDT	20050915AAY	LIC
32A NC WINSTON-SALEM	DTVPLN	DTVP1187	PLN

After Analysis

Results for: 32A SC COLUMBIA BMLEDT 20040826AAL LIC

HAAT 316.0 m, ATV ERP 62.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	967732	18941.9
not affected by terrain losses	967288	18909.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	770	84.0
lost to ATV IX only	770	84.0
lost to all IX	770	84.0

Potential Interfering Stations Included in above Scenario 3

32A NC WASHINGTON	BPCDT	19990825LC	CP
32A SC MYRTLE BEACH	DTVPLN	DTVP1196	PLN
32A VA NORTON	DTVPLN	DTVP1202	PLN

Figure 3

33A SC ALLENDALE                    BLEDT      20050915AAY    LIC  
 32A NC WINSTON-SALEM            USERRECORD01            APP

Percent new IX =      0.0472%

Result key:            24  
 Scenario            4    Affected station            9  
 Before Analysis

Results for: 32A SC COLUMBIA                    BMLEDT      20040826AAL    LIC  
       HAAT   316.0 m, ATV ERP    62.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	967732	18941.9
not affected by terrain losses	967288	18909.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	314	56.0
lost to ATV IX only	314	56.0
lost to all IX	314	56.0

Potential Interfering Stations Included in above Scenario      4

32A NC WASHINGTON	BPCDT	19990825LC	CP
32A SC MYRTLE BEACH	DTVPLN	DTVP1196	PLN
32A VA NORTON	DTVPLN	DTVP1202	PLN
33A SC ALLENDALE	DTVPLN	DTVP1229	PLN
32A NC WINSTON-SALEM	DTVPLN	DTVP1187	PLN

After Analysis

Results for: 32A SC COLUMBIA                    BMLEDT      20040826AAL    LIC  
       HAAT   316.0 m, ATV ERP    62.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	967732	18941.9
not affected by terrain losses	967288	18909.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	770	84.0
lost to ATV IX only	770	84.0
lost to all IX	770	84.0

Potential Interfering Stations Included in above Scenario      4

32A NC WASHINGTON	BPCDT	19990825LC	CP
32A SC MYRTLE BEACH	DTVPLN	DTVP1196	PLN
32A VA NORTON	DTVPLN	DTVP1202	PLN
33A SC ALLENDALE	DTVPLN	DTVP1229	PLN
32A NC WINSTON-SALEM	USERRECORD01		APP

Percent new IX =      0.0472%

Result key:            25  
 Scenario            5    Affected station            9  
 Before Analysis

Results for: 32A SC COLUMBIA                    BMLEDT      20040826AAL    LIC  
       HAAT   316.0 m, ATV ERP    62.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	967732	18941.9

Figure 3

not affected by terrain losses    967288      18909.9  
 lost to NTSC IX                    0            0.0  
 lost to additional IX by ATV      314          56.0  
 lost to ATV IX only               314          56.0  
 lost to all IX                      314          56.0

Potential Interfering Stations Included in above Scenario      5

32A NC WASHINGTON	BPCDT	19990825LC	CP
32A SC MYRTLE BEACH	BMPCDT	20060829BEG	CP
32A VA NORTON	BLEDT	20030428ABR	LIC
33A SC ALLENDALE	BLEDT	20050915AAY	LIC
32A NC WINSTON-SALEM	DTVPLN	DTVP1187	PLN

After Analysis

Results for: 32A SC COLUMBIA                    BMLEDT      20040826AAL    LIC  
       HAAT   316.0 m, ATV ERP    62.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	967732	18941.9
not affected by terrain losses	967288	18909.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	770	84.0
lost to ATV IX only	770	84.0
lost to all IX	770	84.0

Potential Interfering Stations Included in above Scenario      5

32A NC WASHINGTON	BPCDT	19990825LC	CP
32A SC MYRTLE BEACH	BMPCDT	20060829BEG	CP
32A VA NORTON	BLEDT	20030428ABR	LIC
33A SC ALLENDALE	BLEDT	20050915AAY	LIC
32A NC WINSTON-SALEM	USERRECORD01		APP

Percent new IX =      0.0472%

Result key:            26  
 Scenario            6    Affected station            9  
 Before Analysis

Results for: 32A SC COLUMBIA                    BMLEDT      20040826AAL    LIC  
       HAAT   316.0 m, ATV ERP    62.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	967732	18941.9
not affected by terrain losses	967288	18909.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	314	56.0
lost to ATV IX only	314	56.0
lost to all IX	314	56.0

Potential Interfering Stations Included in above Scenario      6

32A NC WASHINGTON	BPCDT	19990825LC	CP
32A SC MYRTLE BEACH	BMPCDT	20060829BEG	CP
32A VA NORTON	BLEDT	20030428ABR	LIC
33A SC ALLENDALE	DTVPLN	DTVP1229	PLN
32A NC WINSTON-SALEM	DTVPLN	DTVP1187	PLN

Figure 3

## After Analysis

Results for: 32A SC COLUMBIA                      BMLEDT      20040826AAL    LIC  
 HAAT   316.0 m, ATV ERP    62.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	967732	18941.9
not affected by terrain losses	967288	18909.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	770	84.0
lost to ATV IX only	770	84.0
lost to all IX	770	84.0

## Potential Interfering Stations Included in above Scenario      6

32A NC WASHINGTON	BPCDT	19990825LC	CP
32A SC MYRTLE BEACH	BMPCDT	20060829BEG	CP
32A VA NORTON	BLEDT	20030428ABR	LIC
33A SC ALLENDALE	DTVPLN	DTVP1229	PLN
32A NC WINSTON-SALEM	USERRECORD01		APP

Percent new IX =      0.0472%

Result key:                      27  
 Scenario                      7    Affected station                      9  
 Before Analysis

Results for: 32A SC COLUMBIA                      BMLEDT      20040826AAL    LIC  
 HAAT   316.0 m, ATV ERP    62.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	967732	18941.9
not affected by terrain losses	967288	18909.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	314	56.0
lost to ATV IX only	314	56.0
lost to all IX	314	56.0

## Potential Interfering Stations Included in above Scenario      7

32A NC WASHINGTON	BPCDT	19990825LC	CP
32A SC MYRTLE BEACH	BMPCDT	20060829BEG	CP
32A VA NORTON	DTVPLN	DTVP1202	PLN
33A SC ALLENDALE	BLEDT	20050915AAY	LIC
32A NC WINSTON-SALEM	DTVPLN	DTVP1187	PLN

## After Analysis

Results for: 32A SC COLUMBIA                      BMLEDT      20040826AAL    LIC  
 HAAT   316.0 m, ATV ERP    62.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	967732	18941.9
not affected by terrain losses	967288	18909.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	770	84.0
lost to ATV IX only	770	84.0
lost to all IX	770	84.0

Figure 3

## Potential Interfering Stations Included in above Scenario      7

32A NC WASHINGTON	BPCDT	19990825LC	CP
32A SC MYRTLE BEACH	BMPCDT	20060829BEG	CP
32A VA NORTON	DTVPLN	DTVP1202	PLN
33A SC ALLENDALE	BLEDT	20050915AAY	LIC
32A NC WINSTON-SALEM	USERRECORD01		APP

Percent new IX =      0.0472%

Result key:                      28  
 Scenario                      8    Affected station                      9  
 Before Analysis

Results for: 32A SC COLUMBIA                      BMLEDT      20040826AAL    LIC  
 HAAT   316.0 m, ATV ERP    62.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	967732	18941.9
not affected by terrain losses	967288	18909.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	314	56.0
lost to ATV IX only	314	56.0
lost to all IX	314	56.0

## Potential Interfering Stations Included in above Scenario      8

32A NC WASHINGTON	BPCDT	19990825LC	CP
32A SC MYRTLE BEACH	BMPCDT	20060829BEG	CP
32A VA NORTON	DTVPLN	DTVP1202	PLN
33A SC ALLENDALE	DTVPLN	DTVP1229	PLN
32A NC WINSTON-SALEM	DTVPLN	DTVP1187	PLN

## After Analysis

Results for: 32A SC COLUMBIA                      BMLEDT      20040826AAL    LIC  
 HAAT   316.0 m, ATV ERP    62.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	967732	18941.9
not affected by terrain losses	967288	18909.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	770	84.0
lost to ATV IX only	770	84.0
lost to all IX	770	84.0

## Potential Interfering Stations Included in above Scenario      8

32A NC WASHINGTON	BPCDT	19990825LC	CP
32A SC MYRTLE BEACH	BMPCDT	20060829BEG	CP
32A VA NORTON	DTVPLN	DTVP1202	PLN
33A SC ALLENDALE	DTVPLN	DTVP1229	PLN
32A NC WINSTON-SALEM	USERRECORD01		APP

Percent new IX =      0.0472%

Result key:                      29  
 Scenario                      9    Affected station                      9  
 Before Analysis

Figure 3

Results for: 32A SC COLUMBIA                      BMLEDT      20040826AAL    LIC  
 HAAT   316.0 m, ATV ERP    62.0 kW  
    POPULATION    AREA (sq km)  
 within Noise Limited Contour    967732      18941.9  
 not affected by terrain losses    967288      18909.9  
 lost to NTSC IX                    0            0.0  
 lost to additional IX by ATV       314        56.0  
 lost to ATV IX only               314        56.0  
 lost to all IX                      314        56.0

Potential Interfering Stations Included in above Scenario      9

32A NC WASHINGTON	DTVPLN	DTVP1186	PLN
32A SC MYRTLE BEACH	DTVPLN	DTVP1196	PLN
32A VA NORTON	BLEDT	20030428ABR	LIC
33A SC ALLENDALE	BLEDT	20050915AAY	LIC
32A NC WINSTON-SALEM	DTVPLN	DTVP1187	PLN

After Analysis

Results for: 32A SC COLUMBIA                      BMLEDT      20040826AAL    LIC  
 HAAT   316.0 m, ATV ERP    62.0 kW  
    POPULATION    AREA (sq km)  
 within Noise Limited Contour    967732      18941.9  
 not affected by terrain losses    967288      18909.9  
 lost to NTSC IX                    0            0.0  
 lost to additional IX by ATV       770        84.0  
 lost to ATV IX only               770        84.0  
 lost to all IX                      770        84.0

Potential Interfering Stations Included in above Scenario      9

32A NC WASHINGTON	DTVPLN	DTVP1186	PLN
32A SC MYRTLE BEACH	DTVPLN	DTVP1196	PLN
32A VA NORTON	BLEDT	20030428ABR	LIC
33A SC ALLENDALE	BLEDT	20050915AAY	LIC
32A NC WINSTON-SALEM	USERRECORD01		APP

Percent new IX =      0.0472%

Result key:                    30  
 Scenario                    10   Affected station                    9  
 Before Analysis

Results for: 32A SC COLUMBIA                      BMLEDT      20040826AAL    LIC  
 HAAT   316.0 m, ATV ERP    62.0 kW  
    POPULATION    AREA (sq km)  
 within Noise Limited Contour    967732      18941.9  
 not affected by terrain losses    967288      18909.9  
 lost to NTSC IX                    0            0.0  
 lost to additional IX by ATV       314        56.0  
 lost to ATV IX only               314        56.0  
 lost to all IX                      314        56.0

Potential Interfering Stations Included in above Scenario      10

Figure 3

32A NC WASHINGTON	DTVPLN	DTVP1186	PLN
32A SC MYRTLE BEACH	DTVPLN	DTVP1196	PLN
32A VA NORTON	BLEDT	20030428ABR	LIC
33A SC ALLENDALE	DTVPLN	DTVP1229	PLN
32A NC WINSTON-SALEM	DTVPLN	DTVP1187	PLN

After Analysis

Results for: 32A SC COLUMBIA                      BMLEDT      20040826AAL    LIC  
 HAAT   316.0 m, ATV ERP    62.0 kW  
    POPULATION    AREA (sq km)  
 within Noise Limited Contour    967732      18941.9  
 not affected by terrain losses    967288      18909.9  
 lost to NTSC IX                    0            0.0  
 lost to additional IX by ATV       770        84.0  
 lost to ATV IX only               770        84.0  
 lost to all IX                      770        84.0

Potential Interfering Stations Included in above Scenario      10

32A NC WASHINGTON	DTVPLN	DTVP1186	PLN
32A SC MYRTLE BEACH	DTVPLN	DTVP1196	PLN
32A VA NORTON	BLEDT	20030428ABR	LIC
33A SC ALLENDALE	DTVPLN	DTVP1229	PLN
32A NC WINSTON-SALEM	USERRECORD01		APP

Percent new IX =      0.0472%

Result key:                    31  
 Scenario                    11   Affected station                    9  
 Before Analysis

Results for: 32A SC COLUMBIA                      BMLEDT      20040826AAL    LIC  
 HAAT   316.0 m, ATV ERP    62.0 kW  
    POPULATION    AREA (sq km)  
 within Noise Limited Contour    967732      18941.9  
 not affected by terrain losses    967288      18909.9  
 lost to NTSC IX                    0            0.0  
 lost to additional IX by ATV       314        56.0  
 lost to ATV IX only               314        56.0  
 lost to all IX                      314        56.0

Potential Interfering Stations Included in above Scenario      11

32A NC WASHINGTON	DTVPLN	DTVP1186	PLN
32A SC MYRTLE BEACH	DTVPLN	DTVP1196	PLN
32A VA NORTON	DTVPLN	DTVP1202	PLN
33A SC ALLENDALE	BLEDT	20050915AAY	LIC
32A NC WINSTON-SALEM	DTVPLN	DTVP1187	PLN

After Analysis

Results for: 32A SC COLUMBIA                      BMLEDT      20040826AAL    LIC  
 HAAT   316.0 m, ATV ERP    62.0 kW  
    POPULATION    AREA (sq km)  
 within Noise Limited Contour    967732      18941.9  
 not affected by terrain losses    967288      18909.9

Figure 3

lost to NTSC IX 0 0.0  
lost to additional IX by ATV 770 84.0  
lost to ATV IX only 770 84.0  
lost to all IX 770 84.0

Potential Interfering Stations Included in above Scenario 11

32A NC WASHINGTON	DTVPLN	DTVP1186	PLN
32A SC MYRTLE BEACH	DTVPLN	DTVP1196	PLN
32A VA NORTON	DTVPLN	DTVP1202	PLN
33A SC ALLENDALE	BLEDT	20050915AAY	LIC
32A NC WINSTON-SALEM	USERRECORD01		APP

Percent new IX = 0.0472%

Result key: 32  
Scenario 12 Affected station 9  
Before Analysis

Results for: 32A SC COLUMBIA BMLEDT 20040826AAL LIC

HAAT 316.0 m, ATV ERP 62.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	967732	18941.9
not affected by terrain losses	967288	18909.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	314	56.0
lost to ATV IX only	314	56.0
lost to all IX	314	56.0

Potential Interfering Stations Included in above Scenario 12

32A NC WASHINGTON	DTVPLN	DTVP1186	PLN
32A SC MYRTLE BEACH	DTVPLN	DTVP1196	PLN
32A VA NORTON	DTVPLN	DTVP1202	PLN
33A SC ALLENDALE	DTVPLN	DTVP1229	PLN
32A NC WINSTON-SALEM	DTVPLN	DTVP1187	PLN

After Analysis

Results for: 32A SC COLUMBIA BMLEDT 20040826AAL LIC

HAAT 316.0 m, ATV ERP 62.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	967732	18941.9
not affected by terrain losses	967288	18909.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	770	84.0
lost to ATV IX only	770	84.0
lost to all IX	770	84.0

Potential Interfering Stations Included in above Scenario 12

32A NC WASHINGTON	DTVPLN	DTVP1186	PLN
32A SC MYRTLE BEACH	DTVPLN	DTVP1196	PLN
32A VA NORTON	DTVPLN	DTVP1202	PLN
33A SC ALLENDALE	DTVPLN	DTVP1229	PLN
32A NC WINSTON-SALEM	USERRECORD01		APP

Figure 3

Percent new IX = 0.0472%

Result key: 33  
Scenario 13 Affected station 9  
Before Analysis

Results for: 32A SC COLUMBIA BMLEDT 20040826AAL LIC

HAAT 316.0 m, ATV ERP 62.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	967732	18941.9
not affected by terrain losses	967288	18909.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	314	56.0
lost to ATV IX only	314	56.0
lost to all IX	314	56.0

Potential Interfering Stations Included in above Scenario 13

32A NC WASHINGTON	DTVPLN	DTVP1186	PLN
32A SC MYRTLE BEACH	BMPCDT	20060829BEG	CP
32A VA NORTON	BLEDT	20030428ABR	LIC
33A SC ALLENDALE	BLEDT	20050915AAY	LIC
32A NC WINSTON-SALEM	DTVPLN	DTVP1187	PLN

After Analysis

Results for: 32A SC COLUMBIA BMLEDT 20040826AAL LIC

HAAT 316.0 m, ATV ERP 62.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	967732	18941.9
not affected by terrain losses	967288	18909.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	770	84.0
lost to ATV IX only	770	84.0
lost to all IX	770	84.0

Potential Interfering Stations Included in above Scenario 13

32A NC WASHINGTON	DTVPLN	DTVP1186	PLN
32A SC MYRTLE BEACH	BMPCDT	20060829BEG	CP
32A VA NORTON	BLEDT	20030428ABR	LIC
33A SC ALLENDALE	BLEDT	20050915AAY	LIC
32A NC WINSTON-SALEM	USERRECORD01		APP

Percent new IX = 0.0472%

Result key: 34  
Scenario 14 Affected station 9  
Before Analysis

Results for: 32A SC COLUMBIA BMLEDT 20040826AAL LIC

HAAT 316.0 m, ATV ERP 62.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	967732	18941.9
not affected by terrain losses	967288	18909.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	314	56.0

Figure 3

lost to ATV IX only	314	56.0
lost to all IX	314	56.0

Potential Interfering Stations Included in above Scenario 14

32A NC WASHINGTON	DTVPLN	DTVP1186	PLN
32A SC MYRTLE BEACH	BMPCDT	20060829BEG	CP
32A VA NORTON	BLEDT	20030428ABR	LIC
33A SC ALLENDALE	DTVPLN	DTVP1229	PLN
32A NC WINSTON-SALEM	DTVPLN	DTVP1187	PLN

After Analysis

Results for: 32A SC COLUMBIA	BMLEDT	20040826AAL	LIC
HAAT 316.0 m, ATV ERP 62.0 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	967732	18941.9	
not affected by terrain losses	967288	18909.9	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	770	84.0	
lost to ATV IX only	770	84.0	
lost to all IX	770	84.0	

Potential Interfering Stations Included in above Scenario 14

32A NC WASHINGTON	DTVPLN	DTVP1186	PLN
32A SC MYRTLE BEACH	BMPCDT	20060829BEG	CP
32A VA NORTON	BLEDT	20030428ABR	LIC
33A SC ALLENDALE	DTVPLN	DTVP1229	PLN
32A NC WINSTON-SALEM	USERRECORD01		APP

Percent new IX = 0.0472%

Result key: 35  
Scenario 15 Affected station 9  
Before Analysis

Results for: 32A SC COLUMBIA	BMLEDT	20040826AAL	LIC
HAAT 316.0 m, ATV ERP 62.0 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	967732	18941.9	
not affected by terrain losses	967288	18909.9	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	314	56.0	
lost to ATV IX only	314	56.0	
lost to all IX	314	56.0	

Potential Interfering Stations Included in above Scenario 15

32A NC WASHINGTON	DTVPLN	DTVP1186	PLN
32A SC MYRTLE BEACH	BMPCDT	20060829BEG	CP
32A VA NORTON	DTVPLN	DTVP1202	PLN
33A SC ALLENDALE	BLEDT	20050915AAY	LIC
32A NC WINSTON-SALEM	DTVPLN	DTVP1187	PLN

After Analysis

Figure 3

Results for: 32A SC COLUMBIA	BMLEDT	20040826AAL	LIC
HAAT 316.0 m, ATV ERP 62.0 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	967732	18941.9	
not affected by terrain losses	967288	18909.9	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	770	84.0	
lost to ATV IX only	770	84.0	
lost to all IX	770	84.0	

Potential Interfering Stations Included in above Scenario 15

32A NC WASHINGTON	DTVPLN	DTVP1186	PLN
32A SC MYRTLE BEACH	BMPCDT	20060829BEG	CP
32A VA NORTON	DTVPLN	DTVP1202	PLN
33A SC ALLENDALE	BLEDT	20050915AAY	LIC
32A NC WINSTON-SALEM	USERRECORD01		APP

Percent new IX = 0.0472%

Result key: 36  
Scenario 16 Affected station 9  
Before Analysis

Results for: 32A SC COLUMBIA	BMLEDT	20040826AAL	LIC
HAAT 316.0 m, ATV ERP 62.0 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	967732	18941.9	
not affected by terrain losses	967288	18909.9	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	314	56.0	
lost to ATV IX only	314	56.0	
lost to all IX	314	56.0	

Potential Interfering Stations Included in above Scenario 16

32A NC WASHINGTON	DTVPLN	DTVP1186	PLN
32A SC MYRTLE BEACH	BMPCDT	20060829BEG	CP
32A VA NORTON	DTVPLN	DTVP1202	PLN
33A SC ALLENDALE	DTVPLN	DTVP1229	PLN
32A NC WINSTON-SALEM	DTVPLN	DTVP1187	PLN

After Analysis

Results for: 32A SC COLUMBIA	BMLEDT	20040826AAL	LIC
HAAT 316.0 m, ATV ERP 62.0 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	967732	18941.9	
not affected by terrain losses	967288	18909.9	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	770	84.0	
lost to ATV IX only	770	84.0	
lost to all IX	770	84.0	

Potential Interfering Stations Included in above Scenario 16

32A NC WASHINGTON	DTVPLN	DTVP1186	PLN
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Figure 3

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32A SC MYRTLE BEACH      BMPCDT    20060829BEG  CP
32A VA NORTON            DTVPLN    DTVP1202    PLN
33A SC ALLENDALE         DTVPLN    DTVP1229    PLN
32A NC WINSTON-SALEM     USERRECORD01  APP

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Percent new IX = 0.0472%

Worst case new IX 0.0472% Scenario 1

#####

Analysis of Interference to Affected Station 10

Analysis of current record

Channel	Call	City/State	Application Ref. No.
32	WRLK-TV	COLUMBIA SC	DTVPLN -DTVP1195

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
31	WUNU	LUMBERTON NC	189.1	PLN	DTVPLN -DTVP1152
31	WUNU	LUMBERTON NC	189.1	CP	BPEDT -20080512AAD
32	WPGA-TV	PERRY GA	286.7	CP MOD	BMPCDT -20041203ADW
32	WPGA-TV	PERRY GA	286.7	PLN	DTVPLN -DTVP1178
32	WPGA-TV	PERRY GA	286.7	LIC	BLCDT -20030717AAA
32	WITN-TV	WASHINGTON NC	352.0	CP	BPCDT -19990825LC
32	WITN-TV	WASHINGTON NC	352.0	PLN	DTVPLN -DTVP1186
32	WUNL-TV	WINSTON-SALEM NC	256.2	PLN	DTVPLN -DTVP1187
32	WMBF-TV	MYRTLE BEACH SC	177.0	PLN	DTVPLN -DTVP1196
32	WMBF-TV	MYRTLE BEACH SC	177.0	CP MOD	BMPCDT -20060829BEG
32	WSBN-TV	NORTON VA	344.5	LIC	BLEDT -20030428ABR
32	WSBN-TV	NORTON VA	344.5	PLN	DTVPLN -DTVP1202
33	WMYV	GREENSBORO NC	219.2	LIC	BLCDT -20020430ABD
33	WMYV	GREENSBORO NC	219.2	PLN	DTVPLN -DTVP1220
33	WEBA-TV	ALLENDALE SC	111.9	LIC	BLEDT -20050915AAY
33	WEBA-TV	ALLENDALE SC	111.9	PLN	DTVPLN -DTVP1229
32	WUNL-TV	WINSTON-SALEM NC	256.1	APP	USERRECORD-01

Total scenarios = 16

Result key: 37

Scenario 1 Affected station 10

Before Analysis

Results for: 32A SC COLUMBIA		DTVPLN	DTVP1195	PLN
HAAT	316.0 m, ATV ERP	62.0 kW		
	POPULATION	AREA (sq km)		
within Noise Limited Contour	967732	18941.9		
not affected by terrain losses	967288	18909.9		
lost to NTSC IX	0	0.0		
lost to additional IX by ATV	314	56.0		
lost to ATV IX only	314	56.0		
lost to all IX	314	56.0		

Figure 3

Potential Interfering Stations Included in above Scenario 1

32A NC WASHINGTON	BPCDT	19990825LC	CP
32A SC MYRTLE BEACH	DTVPLN	DTVP1196	PLN
32A VA NORTON	BLEDT	20030428ABR	LIC
33A SC ALLENDALE	BLEDT	20050915AAY	LIC
32A NC WINSTON-SALEM	DTVPLN	DTVP1187	PLN

After Analysis

Results for: 32A SC COLUMBIA		DTVPLN	DTVP1195	PLN
HAAT	316.0 m, ATV ERP	62.0 kW		
	POPULATION	AREA (sq km)		
within Noise Limited Contour	967732	18941.9		
not affected by terrain losses	967288	18909.9		
lost to NTSC IX	0	0.0		
lost to additional IX by ATV	770	84.0		
lost to ATV IX only	770	84.0		
lost to all IX	770	84.0		

Potential Interfering Stations Included in above Scenario 1

32A NC WASHINGTON	BPCDT	19990825LC	CP
32A SC MYRTLE BEACH	DTVPLN	DTVP1196	PLN
32A VA NORTON	BLEDT	20030428ABR	LIC
33A SC ALLENDALE	BLEDT	20050915AAY	LIC
32A NC WINSTON-SALEM	USERRECORD01		APP

Percent new IX = 0.0472%

Result key: 38

Scenario 2 Affected station 10

Before Analysis

Results for: 32A SC COLUMBIA		DTVPLN	DTVP1195	PLN
HAAT	316.0 m, ATV ERP	62.0 kW		
	POPULATION	AREA (sq km)		
within Noise Limited Contour	967732	18941.9		
not affected by terrain losses	967288	18909.9		
lost to NTSC IX	0	0.0		
lost to additional IX by ATV	314	56.0		
lost to ATV IX only	314	56.0		
lost to all IX	314	56.0		

Potential Interfering Stations Included in above Scenario 2

32A NC WASHINGTON	BPCDT	19990825LC	CP
32A SC MYRTLE BEACH	DTVPLN	DTVP1196	PLN
32A VA NORTON	BLEDT	20030428ABR	LIC
33A SC ALLENDALE	DTVPLN	DTVP1229	PLN
32A NC WINSTON-SALEM	DTVPLN	DTVP1187	PLN

After Analysis

Results for: 32A SC COLUMBIA		DTVPLN	DTVP1195	PLN
HAAT	316.0 m, ATV ERP	62.0 kW		
	POPULATION	AREA (sq km)		

Figure 3

within Noise Limited Contour	967732	18941.9
not affected by terrain losses	967288	18909.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	770	84.0
lost to ATV IX only	770	84.0
lost to all IX	770	84.0

Potential Interfering Stations Included in above Scenario 2

32A NC WASHINGTON	BPCDT	19990825LC	CP
32A SC MYRTLE BEACH	DTVPLN	DTVP1196	PLN
32A VA NORTON	BLEDT	20030428ABR	LIC
33A SC ALLENDALE	DTVPLN	DTVP1229	PLN
32A NC WINSTON-SALEM	USERRECORD01		APP

Percent new IX = 0.0472%

Result key: 39  
Scenario 3 Affected station 10  
Before Analysis

Results for: 32A SC COLUMBIA	DTVPLN	DTVP1195	PLN
HAAT 316.0 m, ATV ERP 62.0 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	967732	18941.9	
not affected by terrain losses	967288	18909.9	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	314	56.0	
lost to ATV IX only	314	56.0	
lost to all IX	314	56.0	

Potential Interfering Stations Included in above Scenario 3

32A NC WASHINGTON	BPCDT	19990825LC	CP
32A SC MYRTLE BEACH	DTVPLN	DTVP1196	PLN
32A VA NORTON	DTVPLN	DTVP1202	PLN
33A SC ALLENDALE	BLEDT	20050915AAY	LIC
32A NC WINSTON-SALEM	DTVPLN	DTVP1187	PLN

After Analysis

Results for: 32A SC COLUMBIA	DTVPLN	DTVP1195	PLN
HAAT 316.0 m, ATV ERP 62.0 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	967732	18941.9	
not affected by terrain losses	967288	18909.9	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	770	84.0	
lost to ATV IX only	770	84.0	
lost to all IX	770	84.0	

Potential Interfering Stations Included in above Scenario 3

32A NC WASHINGTON	BPCDT	19990825LC	CP
32A SC MYRTLE BEACH	DTVPLN	DTVP1196	PLN
32A VA NORTON	DTVPLN	DTVP1202	PLN
33A SC ALLENDALE	BLEDT	20050915AAY	LIC

Figure 3

32A NC WINSTON-SALEM	USERRECORD01	APP
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Percent new IX = 0.0472%

Result key: 40  
Scenario 4 Affected station 10  
Before Analysis

Results for: 32A SC COLUMBIA	DTVPLN	DTVP1195	PLN
HAAT 316.0 m, ATV ERP 62.0 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	967732	18941.9	
not affected by terrain losses	967288	18909.9	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	314	56.0	
lost to ATV IX only	314	56.0	
lost to all IX	314	56.0	

Potential Interfering Stations Included in above Scenario 4

32A NC WASHINGTON	BPCDT	19990825LC	CP
32A SC MYRTLE BEACH	DTVPLN	DTVP1196	PLN
32A VA NORTON	DTVPLN	DTVP1202	PLN
33A SC ALLENDALE	DTVPLN	DTVP1229	PLN
32A NC WINSTON-SALEM	DTVPLN	DTVP1187	PLN

After Analysis

Results for: 32A SC COLUMBIA	DTVPLN	DTVP1195	PLN
HAAT 316.0 m, ATV ERP 62.0 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	967732	18941.9	
not affected by terrain losses	967288	18909.9	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	770	84.0	
lost to ATV IX only	770	84.0	
lost to all IX	770	84.0	

Potential Interfering Stations Included in above Scenario 4

32A NC WASHINGTON	BPCDT	19990825LC	CP
32A SC MYRTLE BEACH	DTVPLN	DTVP1196	PLN
32A VA NORTON	DTVPLN	DTVP1202	PLN
33A SC ALLENDALE	DTVPLN	DTVP1229	PLN
32A NC WINSTON-SALEM	USERRECORD01		APP

Percent new IX = 0.0472%

Result key: 41  
Scenario 5 Affected station 10  
Before Analysis

Results for: 32A SC COLUMBIA	DTVPLN	DTVP1195	PLN
HAAT 316.0 m, ATV ERP 62.0 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	967732	18941.9	
not affected by terrain losses	967288	18909.9	

Figure 3

lost to NTSC IX	0	0.0
lost to additional IX by ATV	314	56.0
lost to ATV IX only	314	56.0
lost to all IX	314	56.0
Potential Interfering Stations Included in above Scenario	5	
32A NC WASHINGTON	BPCDT	19990825LC CP
32A SC MYRTLE BEACH	BMPCDT	20060829BEG CP
32A VA NORTON	BLEDT	20030428ABR LIC
33A SC ALLENDALE	BLEDT	20050915AAY LIC
32A NC WINSTON-SALEM	DTVPLN	DTVP1187 PLN
After Analysis		
Results for: 32A SC COLUMBIA	DTVPLN	DTVP1195 PLN
HAAT 316.0 m, ATV ERP 62.0 kW		
	POPULATION	AREA (sq km)
within Noise Limited Contour	967732	18941.9
not affected by terrain losses	967288	18909.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	770	84.0
lost to ATV IX only	770	84.0
lost to all IX	770	84.0
Potential Interfering Stations Included in above Scenario	5	
32A NC WASHINGTON	BPCDT	19990825LC CP
32A SC MYRTLE BEACH	BMPCDT	20060829BEG CP
32A VA NORTON	BLEDT	20030428ABR LIC
33A SC ALLENDALE	BLEDT	20050915AAY LIC
32A NC WINSTON-SALEM	USERRECORD01	APP
Percent new IX =	0.0472%	
Result key:	42	
Scenario	6 Affected station	10
Before Analysis		
Results for: 32A SC COLUMBIA	DTVPLN	DTVP1195 PLN
HAAT 316.0 m, ATV ERP 62.0 kW		
	POPULATION	AREA (sq km)
within Noise Limited Contour	967732	18941.9
not affected by terrain losses	967288	18909.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	314	56.0
lost to ATV IX only	314	56.0
lost to all IX	314	56.0
Potential Interfering Stations Included in above Scenario	6	
32A NC WASHINGTON	BPCDT	19990825LC CP
32A SC MYRTLE BEACH	BMPCDT	20060829BEG CP
32A VA NORTON	BLEDT	20030428ABR LIC
33A SC ALLENDALE	DTVPLN	DTVP1229 PLN
32A NC WINSTON-SALEM	DTVPLN	DTVP1187 PLN

Figure 3

After Analysis		
Results for: 32A SC COLUMBIA	DTVPLN	DTVP1195 PLN
HAAT 316.0 m, ATV ERP 62.0 kW		
	POPULATION	AREA (sq km)
within Noise Limited Contour	967732	18941.9
not affected by terrain losses	967288	18909.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	770	84.0
lost to ATV IX only	770	84.0
lost to all IX	770	84.0
Potential Interfering Stations Included in above Scenario	6	
32A NC WASHINGTON	BPCDT	19990825LC CP
32A SC MYRTLE BEACH	BMPCDT	20060829BEG CP
32A VA NORTON	BLEDT	20030428ABR LIC
33A SC ALLENDALE	DTVPLN	DTVP1229 PLN
32A NC WINSTON-SALEM	USERRECORD01	APP
Percent new IX =	0.0472%	
Result key:	43	
Scenario	7 Affected station	10
Before Analysis		
Results for: 32A SC COLUMBIA	DTVPLN	DTVP1195 PLN
HAAT 316.0 m, ATV ERP 62.0 kW		
	POPULATION	AREA (sq km)
within Noise Limited Contour	967732	18941.9
not affected by terrain losses	967288	18909.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	314	56.0
lost to ATV IX only	314	56.0
lost to all IX	314	56.0
Potential Interfering Stations Included in above Scenario	7	
32A NC WASHINGTON	BPCDT	19990825LC CP
32A SC MYRTLE BEACH	BMPCDT	20060829BEG CP
32A VA NORTON	DTVPLN	DTVP1202 PLN
33A SC ALLENDALE	BLEDT	20050915AAY LIC
32A NC WINSTON-SALEM	DTVPLN	DTVP1187 PLN
After Analysis		
Results for: 32A SC COLUMBIA	DTVPLN	DTVP1195 PLN
HAAT 316.0 m, ATV ERP 62.0 kW		
	POPULATION	AREA (sq km)
within Noise Limited Contour	967732	18941.9
not affected by terrain losses	967288	18909.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	770	84.0
lost to ATV IX only	770	84.0
lost to all IX	770	84.0
Potential Interfering Stations Included in above Scenario	7	

Figure 3

32A NC WASHINGTON	BPCDT	19990825LC	CP
32A SC MYRTLE BEACH	BMPCDT	20060829BEG	CP
32A VA NORTON	DTVPLN	DTVP1202	PLN
33A SC ALLENDALE	BLEDT	20050915AAY	LIC
32A NC WINSTON-SALEM	USERRECORD01		APP

Percent new IX = 0.0472%

Result key: 44  
 Scenario 8 Affected station 10  
 Before Analysis

Results for: 32A SC COLUMBIA	DTVPLN	DTVP1195	PLN
HAAT 316.0 m, ATV ERP 62.0 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	967732	18941.9	
not affected by terrain losses	967288	18909.9	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	314	56.0	
lost to ATV IX only	314	56.0	
lost to all IX	314	56.0	

Potential Interfering Stations Included in above Scenario 8

32A NC WASHINGTON	BPCDT	19990825LC	CP
32A SC MYRTLE BEACH	BMPCDT	20060829BEG	CP
32A VA NORTON	DTVPLN	DTVP1202	PLN
33A SC ALLENDALE	DTVPLN	DTVP1229	PLN
32A NC WINSTON-SALEM	DTVPLN	DTVP1187	PLN

After Analysis

Results for: 32A SC COLUMBIA	DTVPLN	DTVP1195	PLN
HAAT 316.0 m, ATV ERP 62.0 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	967732	18941.9	
not affected by terrain losses	967288	18909.9	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	770	84.0	
lost to ATV IX only	770	84.0	
lost to all IX	770	84.0	

Potential Interfering Stations Included in above Scenario 8

32A NC WASHINGTON	BPCDT	19990825LC	CP
32A SC MYRTLE BEACH	BMPCDT	20060829BEG	CP
32A VA NORTON	DTVPLN	DTVP1202	PLN
33A SC ALLENDALE	DTVPLN	DTVP1229	PLN
32A NC WINSTON-SALEM	USERRECORD01		APP

Percent new IX = 0.0472%

Result key: 45  
 Scenario 9 Affected station 10  
 Before Analysis

Figure 3

Results for: 32A SC COLUMBIA	DTVPLN	DTVP1195	PLN
HAAT 316.0 m, ATV ERP 62.0 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	967732	18941.9	
not affected by terrain losses	967288	18909.9	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	314	56.0	
lost to ATV IX only	314	56.0	
lost to all IX	314	56.0	

Potential Interfering Stations Included in above Scenario 9

32A NC WASHINGTON	DTVPLN	DTVP1186	PLN
32A SC MYRTLE BEACH	DTVPLN	DTVP1196	PLN
32A VA NORTON	BLEDT	20030428ABR	LIC
33A SC ALLENDALE	BLEDT	20050915AAY	LIC
32A NC WINSTON-SALEM	DTVPLN	DTVP1187	PLN

After Analysis

Results for: 32A SC COLUMBIA	DTVPLN	DTVP1195	PLN
HAAT 316.0 m, ATV ERP 62.0 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	967732	18941.9	
not affected by terrain losses	967288	18909.9	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	770	84.0	
lost to ATV IX only	770	84.0	
lost to all IX	770	84.0	

Potential Interfering Stations Included in above Scenario 9

32A NC WASHINGTON	DTVPLN	DTVP1186	PLN
32A SC MYRTLE BEACH	DTVPLN	DTVP1196	PLN
32A VA NORTON	BLEDT	20030428ABR	LIC
33A SC ALLENDALE	BLEDT	20050915AAY	LIC
32A NC WINSTON-SALEM	USERRECORD01		APP

Percent new IX = 0.0472%

Result key: 46  
 Scenario 10 Affected station 10  
 Before Analysis

Results for: 32A SC COLUMBIA	DTVPLN	DTVP1195	PLN
HAAT 316.0 m, ATV ERP 62.0 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	967732	18941.9	
not affected by terrain losses	967288	18909.9	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	314	56.0	
lost to ATV IX only	314	56.0	
lost to all IX	314	56.0	

Potential Interfering Stations Included in above Scenario 10

32A NC WASHINGTON	DTVPLN	DTVP1186	PLN
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Figure 3

32A SC MYRTLE BEACH	DTVPLN	DTVP1196	PLN
32A VA NORTON	BLEDT	20030428ABR	LIC
33A SC ALLENDALE	DTVPLN	DTVP1229	PLN
32A NC WINSTON-SALEM	DTVPLN	DTVP1187	PLN

## After Analysis

Results for: 32A SC COLUMBIA	DTVPLN	DTVP1195	PLN
HAAT 316.0 m, ATV ERP 62.0 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	967732	18941.9	
not affected by terrain losses	967288	18909.9	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	770	84.0	
lost to ATV IX only	770	84.0	
lost to all IX	770	84.0	

Potential Interfering Stations Included in above Scenario 10

32A NC WASHINGTON	DTVPLN	DTVP1186	PLN
32A SC MYRTLE BEACH	DTVPLN	DTVP1196	PLN
32A VA NORTON	BLEDT	20030428ABR	LIC
33A SC ALLENDALE	DTVPLN	DTVP1229	PLN
32A NC WINSTON-SALEM	USERRECORD01	APP	

Percent new IX = 0.0472%

Result key: 47  
 Scenario 11 Affected station 10  
 Before Analysis

Results for: 32A SC COLUMBIA	DTVPLN	DTVP1195	PLN
HAAT 316.0 m, ATV ERP 62.0 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	967732	18941.9	
not affected by terrain losses	967288	18909.9	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	314	56.0	
lost to ATV IX only	314	56.0	
lost to all IX	314	56.0	

Potential Interfering Stations Included in above Scenario 11

32A NC WASHINGTON	DTVPLN	DTVP1186	PLN
32A SC MYRTLE BEACH	DTVPLN	DTVP1196	PLN
32A VA NORTON	DTVPLN	DTVP1202	PLN
33A SC ALLENDALE	BLEDT	20050915AAY	LIC
32A NC WINSTON-SALEM	DTVPLN	DTVP1187	PLN

## After Analysis

Results for: 32A SC COLUMBIA	DTVPLN	DTVP1195	PLN
HAAT 316.0 m, ATV ERP 62.0 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	967732	18941.9	
not affected by terrain losses	967288	18909.9	
lost to NTSC IX	0	0.0	

Figure 3

lost to additional IX by ATV	770	84.0
lost to ATV IX only	770	84.0
lost to all IX	770	84.0

Potential Interfering Stations Included in above Scenario 11

32A NC WASHINGTON	DTVPLN	DTVP1186	PLN
32A SC MYRTLE BEACH	DTVPLN	DTVP1196	PLN
32A VA NORTON	DTVPLN	DTVP1202	PLN
33A SC ALLENDALE	BLEDT	20050915AAY	LIC
32A NC WINSTON-SALEM	USERRECORD01	APP	

Percent new IX = 0.0472%

Result key: 48  
 Scenario 12 Affected station 10  
 Before Analysis

Results for: 32A SC COLUMBIA	DTVPLN	DTVP1195	PLN
HAAT 316.0 m, ATV ERP 62.0 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	967732	18941.9	
not affected by terrain losses	967288	18909.9	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	314	56.0	
lost to ATV IX only	314	56.0	
lost to all IX	314	56.0	

Potential Interfering Stations Included in above Scenario 12

32A NC WASHINGTON	DTVPLN	DTVP1186	PLN
32A SC MYRTLE BEACH	DTVPLN	DTVP1196	PLN
32A VA NORTON	DTVPLN	DTVP1202	PLN
33A SC ALLENDALE	DTVPLN	DTVP1229	PLN
32A NC WINSTON-SALEM	DTVPLN	DTVP1187	PLN

## After Analysis

Results for: 32A SC COLUMBIA	DTVPLN	DTVP1195	PLN
HAAT 316.0 m, ATV ERP 62.0 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	967732	18941.9	
not affected by terrain losses	967288	18909.9	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	770	84.0	
lost to ATV IX only	770	84.0	
lost to all IX	770	84.0	

Potential Interfering Stations Included in above Scenario 12

32A NC WASHINGTON	DTVPLN	DTVP1186	PLN
32A SC MYRTLE BEACH	DTVPLN	DTVP1196	PLN
32A VA NORTON	DTVPLN	DTVP1202	PLN
33A SC ALLENDALE	DTVPLN	DTVP1229	PLN
32A NC WINSTON-SALEM	USERRECORD01	APP	

Percent new IX = 0.0472%

Figure 3

Result key: 49  
 Scenario 13 Affected station 10  
 Before Analysis

Results for: 32A SC COLUMBIA DTVPLN DTVP1195 PLN  
 HAAT 316.0 m, ATV ERP 62.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	967732	18941.9
not affected by terrain losses	967288	18909.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	314	56.0
lost to ATV IX only	314	56.0
lost to all IX	314	56.0

Potential Interfering Stations Included in above Scenario 13

32A NC WASHINGTON	DTVPLN	DTVP1186	PLN
32A SC MYRTLE BEACH	BMPCDT	20060829BEG	CP
32A VA NORTON	BLEDT	20030428ABR	LIC
33A SC ALLENDALE	BLEDT	20050915AAY	LIC
32A NC WINSTON-SALEM	DTVPLN	DTVP1187	PLN

After Analysis

Results for: 32A SC COLUMBIA DTVPLN DTVP1195 PLN  
 HAAT 316.0 m, ATV ERP 62.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	967732	18941.9
not affected by terrain losses	967288	18909.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	770	84.0
lost to ATV IX only	770	84.0
lost to all IX	770	84.0

Potential Interfering Stations Included in above Scenario 13

32A NC WASHINGTON	DTVPLN	DTVP1186	PLN
32A SC MYRTLE BEACH	BMPCDT	20060829BEG	CP
32A VA NORTON	BLEDT	20030428ABR	LIC
33A SC ALLENDALE	BLEDT	20050915AAY	LIC
32A NC WINSTON-SALEM	USERRECORD01		APP

Percent new IX = 0.0472%

Result key: 50  
 Scenario 14 Affected station 10  
 Before Analysis

Results for: 32A SC COLUMBIA DTVPLN DTVP1195 PLN  
 HAAT 316.0 m, ATV ERP 62.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	967732	18941.9
not affected by terrain losses	967288	18909.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	314	56.0
lost to ATV IX only	314	56.0
lost to all IX	314	56.0

Figure 3

lost to all IX 314 56.0

Potential Interfering Stations Included in above Scenario 14

32A NC WASHINGTON	DTVPLN	DTVP1186	PLN
32A SC MYRTLE BEACH	BMPCDT	20060829BEG	CP
32A VA NORTON	BLEDT	20030428ABR	LIC
33A SC ALLENDALE	DTVPLN	DTVP1229	PLN
32A NC WINSTON-SALEM	DTVPLN	DTVP1187	PLN

After Analysis

Results for: 32A SC COLUMBIA DTVPLN DTVP1195 PLN  
 HAAT 316.0 m, ATV ERP 62.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	967732	18941.9
not affected by terrain losses	967288	18909.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	770	84.0
lost to ATV IX only	770	84.0
lost to all IX	770	84.0

Potential Interfering Stations Included in above Scenario 14

32A NC WASHINGTON	DTVPLN	DTVP1186	PLN
32A SC MYRTLE BEACH	BMPCDT	20060829BEG	CP
32A VA NORTON	BLEDT	20030428ABR	LIC
33A SC ALLENDALE	DTVPLN	DTVP1229	PLN
32A NC WINSTON-SALEM	USERRECORD01		APP

Percent new IX = 0.0472%

Result key: 51  
 Scenario 15 Affected station 10  
 Before Analysis

Results for: 32A SC COLUMBIA DTVPLN DTVP1195 PLN  
 HAAT 316.0 m, ATV ERP 62.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	967732	18941.9
not affected by terrain losses	967288	18909.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	314	56.0
lost to ATV IX only	314	56.0
lost to all IX	314	56.0

Potential Interfering Stations Included in above Scenario 15

32A NC WASHINGTON	DTVPLN	DTVP1186	PLN
32A SC MYRTLE BEACH	BMPCDT	20060829BEG	CP
32A VA NORTON	DTVPLN	DTVP1202	PLN
33A SC ALLENDALE	BLEDT	20050915AAY	LIC
32A NC WINSTON-SALEM	DTVPLN	DTVP1187	PLN

After Analysis

Results for: 32A SC COLUMBIA DTVPLN DTVP1195 PLN

Figure 3

HAAT 316.0 m, ATV ERP 62.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	967732	18941.9
not affected by terrain losses	967288	18909.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	770	84.0
lost to ATV IX only	770	84.0
lost to all IX	770	84.0

Potential Interfering Stations Included in above Scenario 15

32A NC WASHINGTON	DTVPLN	DTVP1186	PLN
32A SC MYRTLE BEACH	BMPCDT	20060829BEG	CP
32A VA NORTON	DTVPLN	DTVP1202	PLN
33A SC ALLENDALE	BLEDT	20050915AAY	LIC
32A NC WINSTON-SALEM	USERRECORD01		APP

Percent new IX = 0.0472%

Result key: 52

Scenario 16 Affected station 10

Before Analysis

Results for: 32A SC COLUMBIA DTVPLN DTVP1195 PLN

HAAT 316.0 m, ATV ERP 62.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	967732	18941.9
not affected by terrain losses	967288	18909.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	314	56.0
lost to ATV IX only	314	56.0
lost to all IX	314	56.0

Potential Interfering Stations Included in above Scenario 16

32A NC WASHINGTON	DTVPLN	DTVP1186	PLN
32A SC MYRTLE BEACH	BMPCDT	20060829BEG	CP
32A VA NORTON	DTVPLN	DTVP1202	PLN
33A SC ALLENDALE	DTVPLN	DTVP1229	PLN
32A NC WINSTON-SALEM	DTVPLN	DTVP1187	PLN

After Analysis

Results for: 32A SC COLUMBIA DTVPLN DTVP1195 PLN

HAAT 316.0 m, ATV ERP 62.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	967732	18941.9
not affected by terrain losses	967288	18909.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	770	84.0
lost to ATV IX only	770	84.0
lost to all IX	770	84.0

Potential Interfering Stations Included in above Scenario 16

32A NC WASHINGTON	DTVPLN	DTVP1186	PLN
32A SC MYRTLE BEACH	BMPCDT	20060829BEG	CP

Figure 3

32A VA NORTON	DTVPLN	DTVP1202	PLN
33A SC ALLENDALE	DTVPLN	DTVP1229	PLN
32A NC WINSTON-SALEM	USERRECORD01		APP

Percent new IX = 0.0472%

Worst case new IX 0.0472% Scenario 1

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Analysis of Interference to Affected Station 11

Analysis of current record

Channel	Call	City/State	Application Ref. No.
32	WMBF-TV	MYRTLE BEACH SC	DTVPLN -DTVP1196

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
31	WUNU	LUMBERTON NC	118.6	PLN	DTVPLN -DTVP1152
31	WUNU	LUMBERTON NC	118.6	CP	BPEDT -20080512AAD
32	WITN-TV	WASHINGTON NC	238.1	CP	BPEDT -19990825LC
32	WITN-TV	WASHINGTON NC	238.1	PLN	DTVPLN -DTVP1186
32	WUNL-TV	WINSTON-SALEM NC	316.8	PLN	DTVPLN -DTVP1187
32	WRLK-TV	COLUMBIA SC	177.0	LIC	BML EDT -20040826AAL
32	WRLK-TV	COLUMBIA SC	177.0	PLN	DTVPLN -DTVP1195
33	WEBA-TV	ALLENDALE SC	223.6	LIC	BLEDT -20050915AAY
33	WEBA-TV	ALLENDALE SC	223.6	PLN	DTVPLN -DTVP1229
32	WUNL-TV	WINSTON-SALEM NC	316.8	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 12

Analysis of current record

Channel	Call	City/State	Application Ref. No.
32	WMBF-TV	MYRTLE BEACH SC	BMPCDT -20060829BEG

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
31	WUNU	LUMBERTON NC	118.6	PLN	DTVPLN -DTVP1152
31	WUNU	LUMBERTON NC	118.6	CP	BPEDT -20080512AAD
32	WITN-TV	WASHINGTON NC	238.1	CP	BPEDT -19990825LC
32	WITN-TV	WASHINGTON NC	238.1	PLN	DTVPLN -DTVP1186
32	WUNL-TV	WINSTON-SALEM NC	316.8	PLN	DTVPLN -DTVP1187
32	WRLK-TV	COLUMBIA SC	177.0	LIC	BML EDT -20040826AAL
32	WRLK-TV	COLUMBIA SC	177.0	PLN	DTVPLN -DTVP1195
33	WEBA-TV	ALLENDALE SC	223.6	LIC	BLEDT -20050915AAY
33	WEBA-TV	ALLENDALE SC	223.6	PLN	DTVPLN -DTVP1229
32	WUNL-TV	WINSTON-SALEM NC	316.8	APP	USERRECORD-01

Proposal causes no interference

Figure 3

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## Analysis of Interference to Affected Station 13

## Analysis of current record

Channel	Call	City/State	Application	Ref. No.
32	WVIR-TV	CHARLOTTESVILLE VA	BLCDDT	-20040908AAE

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
31	WAVY-TV	PORTSMOUTH VA	216.7	LIC	BLCDDT	-20010409ABP
31	WAVY-TV	PORTSMOUTH VA	216.7	PLN	DTVPLN	-DTVP1163
32	WITN-TV	WASHINGTON NC	306.8	CP	BPCDDT	-19990825LC
32	WITN-TV	WASHINGTON NC	306.8	PLN	DTVPLN	-DTVP1186
32	WUNL-TV	WINSTON-SALEM NC	244.8	PLN	DTVPLN	-DTVP1187
32	WTAJ-TV	ALTOONA PA	287.1	PLN	DTVPLN	-DTVP1191
32	WTAJ-TV	ALTOONA PA	287.1	LIC	BLCDDT	-20051018ACE
32	WPSG	PHILADELPHIA PA	361.7	LIC	BLCDDT	-20021025AAS
32	WPSG	PHILADELPHIA PA	361.7	PLN	DTVPLN	-DTVP1192
32	WSBN-TV	NORTON VA	384.8	LIC	BLEDT	-20030428ABR
32	WSBN-TV	NORTON VA	384.8	PLN	DTVPLN	-DTVP1202
33	WHUT-TV	WASHINGTON DC	162.5	CP MOD	BMPEDT	-20030409AAR
33	WHUT-TV	WASHINGTON DC	162.5	PLN	DTVPLN	-DTVP1212
33	WTVZ-TV	NORFOLK VA	218.1	PLN	DTVPLN	-DTVP1233
33	WTVZ-TV	NORFOLK VA	218.1	CP	BPCDDT	-20080317AGK
33	WNPB-TV	MORGANTOWN WV	220.2	LIC	BLEDT	-20040108AKW
33	WNPB-TV	MORGANTOWN WV	220.2	PLN	DTVPLN	-DTVP1237
33	WNPB-TV	MORGANTOWN WV	220.2	CP	BPEDT	-20080321AAK
32	WUNL-TV	WINSTON-SALEM NC	244.9	APP	USERRECORD-01	

Total scenarios = 4

Result key: 53  
 Scenario 1 Affected station 13  
 Before Analysis

Results for: 32A VA CHARLOTTESVILLE BLCDDT 20040908AAE LIC  
 HAAT 368.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1658640	33574.7
not affected by terrain losses	1539846	29089.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	27298	412.5
lost to ATV IX only	27298	412.5
lost to all IX	27298	412.5

Potential Interfering Stations Included in above Scenario 1

32A NC WASHINGTON	BPCDDT	19990825LC	CP
32A PA ALTOONA	DTVPLN	DTVP1191	PLN
32A NC WINSTON-SALEM	DTVPLN	DTVP1187	PLN

Figure 3

## After Analysis

Results for: 32A VA CHARLOTTESVILLE BLCDDT 20040908AAE LIC  
 HAAT 368.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1658640	33574.7
not affected by terrain losses	1539846	29089.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	32171	508.6
lost to ATV IX only	32171	508.6
lost to all IX	32171	508.6

Potential Interfering Stations Included in above Scenario 1

32A NC WASHINGTON	BPCDDT	19990825LC	CP
32A PA ALTOONA	DTVPLN	DTVP1191	PLN
32A NC WINSTON-SALEM	USERRECORD01		APP

Percent new IX = 0.3222%

Result key: 54  
 Scenario 2 Affected station 13  
 Before Analysis

Results for: 32A VA CHARLOTTESVILLE BLCDDT 20040908AAE LIC  
 HAAT 368.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1658640	33574.7
not affected by terrain losses	1539846	29089.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	27298	412.5
lost to ATV IX only	27298	412.5
lost to all IX	27298	412.5

Potential Interfering Stations Included in above Scenario 2

32A NC WASHINGTON	BPCDDT	19990825LC	CP
32A PA ALTOONA	BLCDDT	20051018ACE	LIC
32A NC WINSTON-SALEM	DTVPLN	DTVP1187	PLN

## After Analysis

Results for: 32A VA CHARLOTTESVILLE BLCDDT 20040908AAE LIC  
 HAAT 368.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1658640	33574.7
not affected by terrain losses	1539846	29089.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	32171	508.6
lost to ATV IX only	32171	508.6
lost to all IX	32171	508.6

Potential Interfering Stations Included in above Scenario 2

32A NC WASHINGTON	BPCDDT	19990825LC	CP
32A PA ALTOONA	BLCDDT	20051018ACE	LIC
32A NC WINSTON-SALEM	USERRECORD01		APP



Figure 3

Percent new IX = 0.3222%

Result key: 55  
Scenario 3 Affected station 13  
Before Analysis

Results for: 32A VA CHARLOTTESVILLE BLCDDT 20040908AAE LIC  
HAAT 368.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1658640	33574.7
not affected by terrain losses	1539846	29089.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	27502	416.5
lost to ATV IX only	27502	416.5
lost to all IX	27502	416.5

Potential Interfering Stations Included in above Scenario 3

32A NC WASHINGTON	DTVPLN	DTVP1186	PLN
32A PA ALTOONA	DTVPLN	DTVP1191	PLN
32A NC WINSTON-SALEM	DTVPLN	DTVP1187	PLN

After Analysis

Results for: 32A VA CHARLOTTESVILLE BLCDDT 20040908AAE LIC  
HAAT 368.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1658640	33574.7
not affected by terrain losses	1539846	29089.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	32375	512.6
lost to ATV IX only	32375	512.6
lost to all IX	32375	512.6

Potential Interfering Stations Included in above Scenario 3

32A NC WASHINGTON	DTVPLN	DTVP1186	PLN
32A PA ALTOONA	DTVPLN	DTVP1191	PLN
32A NC WINSTON-SALEM	USERRECORD01		APP

Percent new IX = 0.3222%

Result key: 56  
Scenario 4 Affected station 13  
Before Analysis

Results for: 32A VA CHARLOTTESVILLE BLCDDT 20040908AAE LIC  
HAAT 368.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1658640	33574.7
not affected by terrain losses	1539846	29089.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	27502	416.5
lost to ATV IX only	27502	416.5
lost to all IX	27502	416.5

Figure 3

Potential Interfering Stations Included in above Scenario 4

32A NC WASHINGTON	DTVPLN	DTVP1186	PLN
32A PA ALTOONA	BLCDDT	20051018ACE	LIC
32A NC WINSTON-SALEM	DTVPLN	DTVP1187	PLN

After Analysis

Results for: 32A VA CHARLOTTESVILLE BLCDDT 20040908AAE LIC  
HAAT 368.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1658640	33574.7
not affected by terrain losses	1539846	29089.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	32375	512.6
lost to ATV IX only	32375	512.6
lost to all IX	32375	512.6

Potential Interfering Stations Included in above Scenario 4

32A NC WASHINGTON	DTVPLN	DTVP1186	PLN
32A PA ALTOONA	BLCDDT	20051018ACE	LIC
32A NC WINSTON-SALEM	USERRECORD01		APP

Percent new IX = 0.3222%

Worst case new IX 0.3222% Scenario 3

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Analysis of Interference to Affected Station 14

Analysis of current record

Channel	Call	City/State	Application Ref. No.
32	WVIR-TV	CHARLOTTESVILLE VA	DTVPLN -DTVP1201

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
31	WAVY-TV	PORTSMOUTH VA	216.7	LIC	BLCDDT -20010409ABP
31	WAVY-TV	PORTSMOUTH VA	216.7	PLN	DTVPLN -DTVP1163
32	WITN-TV	WASHINGTON NC	306.8	CP	BPCDDT -19990825LC
32	WITN-TV	WASHINGTON NC	306.8	PLN	DTVPLN -DTVP1186
32	WUNL-TV	WINSTON-SALEM NC	244.8	PLN	DTVPLN -DTVP1187
32	WTAJ-TV	ALTOONA PA	287.1	PLN	DTVPLN -DTVP1191
32	WTAJ-TV	ALTOONA PA	287.1	LIC	BLCDDT -20051018ACE
32	WPSG	PHILADELPHIA PA	361.7	LIC	BLCDDT -20021025AAS
32	WPSG	PHILADELPHIA PA	361.7	PLN	DTVPLN -DTVP1192
32	WSBN-TV	NORTON VA	384.8	LIC	BLEDDT -20030428ABR
32	WSBN-TV	NORTON VA	384.8	PLN	DTVPLN -DTVP1202
33	WHUT-TV	WASHINGTON DC	162.5	CP MOD	BMPEDT -20030409AAR
33	WHUT-TV	WASHINGTON DC	162.5	PLN	DTVPLN -DTVP1212
33	WTVZ-TV	NORFOLK VA	218.1	PLN	DTVPLN -DTVP1233
33	WTVZ-TV	NORFOLK VA	218.1	CP	BPCDDT -20080317AGK
33	WNPB-TV	MORGANTOWN WV	220.2	LIC	BLEDDT -20040108AKW

Figure 3

33	WNPB-TV	MORGANTOWN WV	220.2	PLN	DTVPLN	-DTVP1237
33	WNPB-TV	MORGANTOWN WV	220.2	CP	BPEDT	-20080321AAK
32	WUNL-TV	WINSTON-SALEM NC	244.9	APP	USERRECORD-01	

Total scenarios = 4

Result key: 57  
 Scenario 1 Affected station 14  
 Before Analysis

Results for: 32A VA CHARLOTTESVILLE	DTVPLN	DTVP1201	PLN
HAAT 368.0 m, ATV ERP 1000.0 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1658640	33574.7	
not affected by terrain losses	1539846	29089.5	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	27298	412.5	
lost to ATV IX only	27298	412.5	
lost to all IX	27298	412.5	

Potential Interfering Stations Included in above Scenario 1

32A NC WASHINGTON	BPCDT	19990825LC	CP
32A PA ALTOONA	DTVPLN	DTVP1191	PLN
32A NC WINSTON-SALEM	DTVPLN	DTVP1187	PLN

After Analysis

Results for: 32A VA CHARLOTTESVILLE	DTVPLN	DTVP1201	PLN
HAAT 368.0 m, ATV ERP 1000.0 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1658640	33574.7	
not affected by terrain losses	1539846	29089.5	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	32171	508.6	
lost to ATV IX only	32171	508.6	
lost to all IX	32171	508.6	

Potential Interfering Stations Included in above Scenario 1

32A NC WASHINGTON	BPCDT	19990825LC	CP
32A PA ALTOONA	DTVPLN	DTVP1191	PLN
32A NC WINSTON-SALEM	USERRECORD01		APP

Percent new IX = 0.3222%

Result key: 58  
 Scenario 2 Affected station 14  
 Before Analysis

Results for: 32A VA CHARLOTTESVILLE	DTVPLN	DTVP1201	PLN
HAAT 368.0 m, ATV ERP 1000.0 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1658640	33574.7	
not affected by terrain losses	1539846	29089.5	
lost to NTSC IX	0	0.0	

Figure 3

lost to additional IX by ATV	27298	412.5
lost to ATV IX only	27298	412.5
lost to all IX	27298	412.5

Potential Interfering Stations Included in above Scenario 2

32A NC WASHINGTON	BPCDT	19990825LC	CP
32A PA ALTOONA	BLCDT	20051018ACE	LIC
32A NC WINSTON-SALEM	DTVPLN	DTVP1187	PLN

After Analysis

Results for: 32A VA CHARLOTTESVILLE	DTVPLN	DTVP1201	PLN
HAAT 368.0 m, ATV ERP 1000.0 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1658640	33574.7	
not affected by terrain losses	1539846	29089.5	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	32171	508.6	
lost to ATV IX only	32171	508.6	
lost to all IX	32171	508.6	

Potential Interfering Stations Included in above Scenario 2

32A NC WASHINGTON	BPCDT	19990825LC	CP
32A PA ALTOONA	BLCDT	20051018ACE	LIC
32A NC WINSTON-SALEM	USERRECORD01		APP

Percent new IX = 0.3222%

Result key: 59  
 Scenario 3 Affected station 14  
 Before Analysis

Results for: 32A VA CHARLOTTESVILLE	DTVPLN	DTVP1201	PLN
HAAT 368.0 m, ATV ERP 1000.0 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1658640	33574.7	
not affected by terrain losses	1539846	29089.5	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	27502	416.5	
lost to ATV IX only	27502	416.5	
lost to all IX	27502	416.5	

Potential Interfering Stations Included in above Scenario 3

32A NC WASHINGTON	DTVPLN	DTVP1186	PLN
32A PA ALTOONA	DTVPLN	DTVP1191	PLN
32A NC WINSTON-SALEM	DTVPLN	DTVP1187	PLN

After Analysis

Results for: 32A VA CHARLOTTESVILLE	DTVPLN	DTVP1201	PLN
HAAT 368.0 m, ATV ERP 1000.0 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1658640	33574.7	
not affected by terrain losses	1539846	29089.5	

Figure 3

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lost to NTSC IX                0          0.0
lost to additional IX by ATV    32375      512.6
lost to ATV IX only             32375      512.6
lost to all IX                 32375      512.6

Potential Interfering Stations Included in above Scenario      3

32A NC WASHINGTON            DTVPLN    DTVP1186    PLN
32A PA ALTOONA              DTVPLN    DTVP1191    PLN
32A NC WINSTON-SALEM        USERRECORD01    APP

Percent new IX =      0.3222%

Result key:      60
Scenario      4  Affected station      14
Before Analysis

Results for: 32A VA CHARLOTTESVILLE    DTVPLN    DTVP1201    PLN
HAAT  368.0 m, ATV ERP 1000.0 kW
      POPULATION    AREA (sq km)
within Noise Limited Contour    1658640    33574.7
not affected by terrain losses    1539846    29089.5
lost to NTSC IX                0          0.0
lost to additional IX by ATV    27502      416.5
lost to ATV IX only            27502      416.5
lost to all IX                 27502      416.5

Potential Interfering Stations Included in above Scenario      4

32A NC WASHINGTON            DTVPLN    DTVP1186    PLN
32A PA ALTOONA              BLCDT    20051018ACE    LIC
32A NC WINSTON-SALEM        DTVPLN    DTVP1187    PLN

After Analysis

Results for: 32A VA CHARLOTTESVILLE    DTVPLN    DTVP1201    PLN
HAAT  368.0 m, ATV ERP 1000.0 kW
      POPULATION    AREA (sq km)
within Noise Limited Contour    1658640    33574.7
not affected by terrain losses    1539846    29089.5
lost to NTSC IX                0          0.0
lost to additional IX by ATV    32375      512.6
lost to ATV IX only            32375      512.6
lost to all IX                 32375      512.6

Potential Interfering Stations Included in above Scenario      4

32A NC WASHINGTON            DTVPLN    DTVP1186    PLN
32A PA ALTOONA              BLCDT    20051018ACE    LIC
32A NC WINSTON-SALEM        USERRECORD01    APP

Percent new IX =      0.3222%

Worst case new IX    0.3222% Scenario      3

#####

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Figure 3

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Analysis of Interference to Affected Station  15

Analysis of current record
Channel    Call    City/State    Application Ref. No.
  32      WBSN-TV    NORTON VA      BLEDT      -20030428ABR

Stations Potentially Affecting This Station

Chan    Call    City/State    Dist(km) Status Application Ref. No.
  31    WXII-TV    WINSTON-SALEM NC    208.8    LIC    BLCDT      -20050627AAU
  31    WXII-TV    WINSTON-SALEM NC    208.8    PLN    DTVPLN    -DTVPL153
  32    WAAY-TV    HUNTSVILLE AL     426.5    LIC    BLCDT      -20050701ABO
  32    WAAY-TV    HUNTSVILLE AL     426.5    PLN    DTVPLN    -DTVPL166
  32    WUNL-TV    WINSTON-SALEM NC    209.1    PLN    DTVPLN    -DTVPL187
  32    WRLK-TV    COLUMBIA SC        344.5    LIC    BMLEDT     -20040826AAL
  32    WRLK-TV    COLUMBIA SC        344.5    PLN    DTVPLN    -DTVPL195
  32    WVIR-TV    CHARLOTTESVILLE VA    384.8    LIC    BLCDT      -20040908AAE
  32    WVIR-TV    CHARLOTTESVILLE VA    384.8    PLN    DTVPLN    -DTVPL201
  32    WUNL-TV    WINSTON-SALEM NC    209.0    APP    USERRECORD-01

Total scenarios =      1

Result key:      61
Scenario      1  Affected station      15
Before Analysis

Results for: 32A VA NORTON                BLEDT      20030428ABR    LIC
HAAT  591.0 m, ATV ERP 100.0 kW
      POPULATION    AREA (sq km)
within Noise Limited Contour    1092812    31375.1
not affected by terrain losses    974977    27240.4
lost to NTSC IX                0          0.0
lost to additional IX by ATV    537        60.2
lost to ATV IX only            537        60.2
lost to all IX                 537        60.2

Potential Interfering Stations Included in above Scenario      1

32A NC WINSTON-SALEM            DTVPLN    DTVP1187    PLN

After Analysis

Results for: 32A VA NORTON                BLEDT      20030428ABR    LIC
HAAT  591.0 m, ATV ERP 100.0 kW
      POPULATION    AREA (sq km)
within Noise Limited Contour    1092812    31375.1
not affected by terrain losses    974977    27240.4
lost to NTSC IX                0          0.0
lost to additional IX by ATV    1607      124.4
lost to ATV IX only            1607      124.4
lost to all IX                 1607      124.4

Potential Interfering Stations Included in above Scenario      1

```

Figure 3

32A NC WINSTON-SALEM                      USERRECORD01                      APP

Percent new IX =        0.1098%

Worst case new IX        0.1098% Scenario        1

#####

Analysis of Interference to Affected Station    16

Analysis of current record

Channel	Call	City/State	Application Ref. No.
32	WSBN-TV	NORTON VA	DTVPLN -DTVPL202

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
31	WXII-TV	WINSTON-SALEM NC	208.8	LIC	BLCDDT -20050627AAU
31	WXII-TV	WINSTON-SALEM NC	208.8	PLN	DTVPLN -DTVPL153
32	WAAY-TV	HUNTSVILLE AL	426.5	LIC	BLCDDT -20050701ABO
32	WAAY-TV	HUNTSVILLE AL	426.5	PLN	DTVPLN -DTVPL166
32	WUNL-TV	WINSTON-SALEM NC	209.1	PLN	DTVPLN -DTVPL187
32	WRLK-TV	COLUMBIA SC	344.5	LIC	BMLEDT -20040826AAL
32	WRLK-TV	COLUMBIA SC	344.5	PLN	DTVPLN -DTVPL195
32	WVIR-TV	CHARLOTTESVILLE VA	384.8	LIC	BLCDDT -20040908AAE
32	WVIR-TV	CHARLOTTESVILLE VA	384.8	PLN	DTVPLN -DTVPL201
32	WUNL-TV	WINSTON-SALEM NC	209.0	APP	USERRECORD-01

Total scenarios =    1

Result key:                      62

Scenario                      1 Affected station                      16

Before Analysis

Results for: 32A VA NORTON                      DTVPLN                      DTVPL202                      PLN

HAAT    591.0 m, ATV ERP    100.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1092812	31375.1
not affected by terrain losses	974977	27240.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	537	60.2
lost to ATV IX only	537	60.2
lost to all IX	537	60.2

Potential Interfering Stations Included in above Scenario    1

32A NC WINSTON-SALEM                      DTVPLN                      DTVPL187                      PLN

After Analysis

Results for: 32A VA NORTON                      DTVPLN                      DTVPL202                      PLN

HAAT    591.0 m, ATV ERP    100.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1092812	31375.1

Figure 3

not affected by terrain losses	974977	27240.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1607	124.4
lost to ATV IX only	1607	124.4
lost to all IX	1607	124.4

Potential Interfering Stations Included in above Scenario    1

32A NC WINSTON-SALEM                      USERRECORD01                      APP

Percent new IX =        0.1098%

Worst case new IX        0.1098% Scenario        1

#####

Analysis of Interference to Affected Station    17

Analysis of current record

Channel	Call	City/State	Application Ref. No.
33	WMYV	GREENSBORO NC	BLCDDT -20020430ABD

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
32	WITN-TV	WASHINGTON NC	226.5	CP	BPCDDT -19990825LC
32	WITN-TV	WASHINGTON NC	226.5	PLN	DTVPLN -DTVPL186
32	WUNL-TV	WINSTON-SALEM NC	74.9	PLN	DTVPLN -DTVPL187
32	WRLK-TV	COLUMBIA SC	219.2	LIC	BMLEDT -20040826AAL
32	WRLK-TV	COLUMBIA SC	219.2	PLN	DTVPLN -DTVPL195
33	WHUT-TV	WASHINGTON DC	419.6	CP MOD	BMPEDT -20030409AAR
33	WHUT-TV	WASHINGTON DC	419.6	PLN	DTVPLN -DTVPL212
33	WEBA-TV	ALLENDALE SC	330.9	LIC	BLEDT -20050915AAY
33	WEBA-TV	ALLENDALE SC	330.9	PLN	DTVPLN -DTVPL229
33	WTVZ-TV	NORFOLK VA	315.1	PLN	DTVPLN -DTVPL233
33	WTVZ-TV	NORFOLK VA	315.1	CP	BPCDDT -20080317AGK
33	WNPB-TV	MORGANTOWN WV	425.6	LIC	BLEDT -20040108AKW
33	WNPB-TV	MORGANTOWN WV	425.6	PLN	DTVPLN -DTVPL237
33	WNPB-TV	MORGANTOWN WV	425.6	CP	BPEDT -20080321AAK
34	WSOC-TV	CHARLOTTE NC	105.9	LIC	BLCDDT -20040526ANW
34	WSOC-TV	CHARLOTTE NC	105.9	PLN	DTVPLN -DTVPL259
32	WUNL-TV	WINSTON-SALEM NC	74.9	APP	USERRECORD-01

Total scenarios =    4

Result key:                      63

Scenario                      1 Affected station                      17

Before Analysis

Results for: 33A NC GREENSBORO                      BLCDDT                      20020430ABD                      LIC

HAAT    575.0 m, ATV ERP    700.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3205132	36693.0
not affected by terrain losses	3186470	36054.9

Figure 3

lost to NTSC IX	0	0.0
lost to additional IX by ATV	369433	2937.4
lost to ATV IX only	369433	2937.4
lost to all IX	369433	2937.4

Potential Interfering Stations Included in above Scenario 1

33A VA NORFOLK	DTVPLN	DTVP1233	PLN
34A NC CHARLOTTE	BLCDT	20040526ANW	LIC
32A NC WINSTON-SALEM	DTVPLN	DTVP1187	PLN

After Analysis

Results for: 33A NC GREENSBORO BLCDT 20020430ABD LIC

HAAT 575.0 m, ATV ERP 700.0 kW		
	POPULATION	AREA (sq km)
within Noise Limited Contour	3205132	36693.0
not affected by terrain losses	3186470	36054.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	377150	3069.8
lost to ATV IX only	377150	3069.8
lost to all IX	377150	3069.8

Potential Interfering Stations Included in above Scenario 1

33A VA NORFOLK	DTVPLN	DTVP1233	PLN
34A NC CHARLOTTE	BLCDT	20040526ANW	LIC
32A NC WINSTON-SALEM	USERRECORD01		APP

Percent new IX = 0.2739%

Result key: 64

Scenario 2 Affected station 17

Before Analysis

Results for: 33A NC GREENSBORO BLCDT 20020430ABD LIC

HAAT 575.0 m, ATV ERP 700.0 kW		
	POPULATION	AREA (sq km)
within Noise Limited Contour	3205132	36693.0
not affected by terrain losses	3186470	36054.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	369433	2937.4
lost to ATV IX only	369433	2937.4
lost to all IX	369433	2937.4

Potential Interfering Stations Included in above Scenario 2

33A VA NORFOLK	DTVPLN	DTVP1233	PLN
34A NC CHARLOTTE	DTVPLN	DTVP1259	PLN
32A NC WINSTON-SALEM	DTVPLN	DTVP1187	PLN

After Analysis

Results for: 33A NC GREENSBORO BLCDT 20020430ABD LIC

HAAT 575.0 m, ATV ERP 700.0 kW		
	POPULATION	AREA (sq km)
within Noise Limited Contour	3205132	36693.0

Figure 3

not affected by terrain losses	3186470	36054.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	377150	3069.8
lost to ATV IX only	377150	3069.8
lost to all IX	377150	3069.8

Potential Interfering Stations Included in above Scenario 2

33A VA NORFOLK	DTVPLN	DTVP1233	PLN
34A NC CHARLOTTE	DTVPLN	DTVP1259	PLN
32A NC WINSTON-SALEM	USERRECORD01		APP

Percent new IX = 0.2739%

Result key: 65

Scenario 3 Affected station 17

Before Analysis

Results for: 33A NC GREENSBORO BLCDT 20020430ABD LIC

HAAT 575.0 m, ATV ERP 700.0 kW		
	POPULATION	AREA (sq km)
within Noise Limited Contour	3205132	36693.0
not affected by terrain losses	3186470	36054.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	369398	2933.3
lost to ATV IX only	369398	2933.3
lost to all IX	369398	2933.3

Potential Interfering Stations Included in above Scenario 3

33A VA NORFOLK	BPCDT	20080317AGK	CP
34A NC CHARLOTTE	BLCDT	20040526ANW	LIC
32A NC WINSTON-SALEM	DTVPLN	DTVP1187	PLN

After Analysis

Results for: 33A NC GREENSBORO BLCDT 20020430ABD LIC

HAAT 575.0 m, ATV ERP 700.0 kW		
	POPULATION	AREA (sq km)
within Noise Limited Contour	3205132	36693.0
not affected by terrain losses	3186470	36054.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	377115	3065.8
lost to ATV IX only	377115	3065.8
lost to all IX	377115	3065.8

Potential Interfering Stations Included in above Scenario 3

33A VA NORFOLK	BPCDT	20080317AGK	CP
34A NC CHARLOTTE	BLCDT	20040526ANW	LIC
32A NC WINSTON-SALEM	USERRECORD01		APP

Percent new IX = 0.2739%

Result key: 66

Scenario 4 Affected station 17

Before Analysis

Figure 3

Results for: 33A NC GREENSBORO BLCDDT 20020430ABD LIC  
 HAAT 575.0 m, ATV ERP 700.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3205132	36693.0
not affected by terrain losses	3186470	36054.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	369398	2933.3
lost to ATV IX only	369398	2933.3
lost to all IX	369398	2933.3

Potential Interfering Stations Included in above Scenario 4

33A VA NORFOLK	BPCDDT	20080317AGK	CP
34A NC CHARLOTTE	DTVPLN	DTVP1259	PLN
32A NC WINSTON-SALEM	DTVPLN	DTVP1187	PLN

## After Analysis

Results for: 33A NC GREENSBORO BLCDDT 20020430ABD LIC  
 HAAT 575.0 m, ATV ERP 700.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3205132	36693.0
not affected by terrain losses	3186470	36054.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	377115	3065.8
lost to ATV IX only	377115	3065.8
lost to all IX	377115	3065.8

Potential Interfering Stations Included in above Scenario 4

33A VA NORFOLK	BPCDDT	20080317AGK	CP
34A NC CHARLOTTE	DTVPLN	DTVP1259	PLN
32A NC WINSTON-SALEM	USERRECORD01		APP

Percent new IX = 0.2739%

Worst case new IX 0.2739% Scenario 1

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## Analysis of Interference to Affected Station 18

## Analysis of current record

Channel	Call	City/State	Application Ref. No.
33	WMYV	GREENSBORO NC	DTVPLN -DTVP1220

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
32	WITN-TV	WASHINGTON NC	226.5	CP	BPCDDT -19990825LC
32	WITN-TV	WASHINGTON NC	226.5	PLN	DTVPLN -DTVP1186
32	WUNL-TV	WINSTON-SALEM NC	74.9	PLN	DTVPLN -DTVP1187
32	WRLK-TV	COLUMBIA SC	219.2	LIC	BMLEDT -20040826AAL
32	WRLK-TV	COLUMBIA SC	219.2	PLN	DTVPLN -DTVP1195

Figure 3

33	WHUT-TV	WASHINGTON DC	419.6	CP MOD	BMPEDT	-20030409AAR
33	WHUT-TV	WASHINGTON DC	419.6	PLN	DTVPLN	-DTVP1212
33	WEBA-TV	ALLENDALE SC	330.9	LIC	BLEDT	-20050915AAY
33	WEBA-TV	ALLENDALE SC	330.9	PLN	DTVPLN	-DTVP1229
33	WTVZ-TV	NORFOLK VA	315.1	PLN	DTVPLN	-DTVP1233
33	WTVZ-TV	NORFOLK VA	315.1	CP	BPCDDT	-20080317AGK
33	WNPB-TV	MORGANTOWN WV	425.6	LIC	BLEDT	-20040108AKW
33	WNPB-TV	MORGANTOWN WV	425.6	PLN	DTVPLN	-DTVP1237
33	WNPB-TV	MORGANTOWN WV	425.6	CP	BPEDT	-20080321AAK
34	WSOC-TV	CHARLOTTE NC	105.9	LIC	BLCDDT	-20040526ANW
34	WSOC-TV	CHARLOTTE NC	105.9	PLN	DTVPLN	-DTVP1259
32	WUNL-TV	WINSTON-SALEM NC	74.9	APP	USERRECORD-01	

Total scenarios = 4

Result key: 67  
 Scenario 1 Affected station 18  
 Before Analysis

Results for: 33A NC GREENSBORO DTVPLN DTVP1220 PLN  
 HAAT 575.0 m, ATV ERP 700.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3205132	36693.0
not affected by terrain losses	3186470	36054.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	369433	2937.4
lost to ATV IX only	369433	2937.4
lost to all IX	369433	2937.4

Potential Interfering Stations Included in above Scenario 1

33A VA NORFOLK	DTVPLN	DTVP1233	PLN
34A NC CHARLOTTE	BLCDDT	20040526ANW	LIC
32A NC WINSTON-SALEM	DTVPLN	DTVP1187	PLN

## After Analysis

Results for: 33A NC GREENSBORO DTVPLN DTVP1220 PLN  
 HAAT 575.0 m, ATV ERP 700.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3205132	36693.0
not affected by terrain losses	3186470	36054.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	377150	3069.8
lost to ATV IX only	377150	3069.8
lost to all IX	377150	3069.8

Potential Interfering Stations Included in above Scenario 1

33A VA NORFOLK	DTVPLN	DTVP1233	PLN
34A NC CHARLOTTE	BLCDDT	20040526ANW	LIC
32A NC WINSTON-SALEM	USERRECORD01		APP

Percent new IX = 0.2739%

Result key: 68

Figure 3

Scenario	2	Affected station	18
Before Analysis			
Results for: 33A NC GREENSBORO	DTVPLN	DTVP1220	PLN
HAAT 575.0 m, ATV ERP 700.0 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	3205132	36693.0	
not affected by terrain losses	3186470	36054.9	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	369433	2937.4	
lost to ATV IX only	369433	2937.4	
lost to all IX	369433	2937.4	
Potential Interfering Stations Included in above Scenario	2		
33A VA NORFOLK	DTVPLN	DTVP1233	PLN
34A NC CHARLOTTE	DTVPLN	DTVP1259	PLN
32A NC WINSTON-SALEM	DTVPLN	DTVP1187	PLN
After Analysis			
Results for: 33A NC GREENSBORO	DTVPLN	DTVP1220	PLN
HAAT 575.0 m, ATV ERP 700.0 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	3205132	36693.0	
not affected by terrain losses	3186470	36054.9	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	377150	3069.8	
lost to ATV IX only	377150	3069.8	
lost to all IX	377150	3069.8	
Potential Interfering Stations Included in above Scenario	2		
33A VA NORFOLK	DTVPLN	DTVP1233	PLN
34A NC CHARLOTTE	DTVPLN	DTVP1259	PLN
32A NC WINSTON-SALEM	USERRECORD01		APP
Percent new IX =	0.2739%		
Result key:	69		
Scenario	3	Affected station	18
Before Analysis			
Results for: 33A NC GREENSBORO	DTVPLN	DTVP1220	PLN
HAAT 575.0 m, ATV ERP 700.0 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	3205132	36693.0	
not affected by terrain losses	3186470	36054.9	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	369398	2933.3	
lost to ATV IX only	369398	2933.3	
lost to all IX	369398	2933.3	
Potential Interfering Stations Included in above Scenario	3		
33A VA NORFOLK	BPCDT	20080317AGK	CP
34A NC CHARLOTTE	BLCDT	20040526ANW	LIC

Figure 3

32A NC WINSTON-SALEM	DTVPLN	DTVP1187	PLN
After Analysis			
Results for: 33A NC GREENSBORO	DTVPLN	DTVP1220	PLN
HAAT 575.0 m, ATV ERP 700.0 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	3205132	36693.0	
not affected by terrain losses	3186470	36054.9	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	377115	3065.8	
lost to ATV IX only	377115	3065.8	
lost to all IX	377115	3065.8	
Potential Interfering Stations Included in above Scenario	3		
33A VA NORFOLK	BPCDT	20080317AGK	CP
34A NC CHARLOTTE	BLCDT	20040526ANW	LIC
32A NC WINSTON-SALEM	USERRECORD01		APP
Percent new IX =	0.2739%		
Result key:	70		
Scenario	4	Affected station	18
Before Analysis			
Results for: 33A NC GREENSBORO	DTVPLN	DTVP1220	PLN
HAAT 575.0 m, ATV ERP 700.0 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	3205132	36693.0	
not affected by terrain losses	3186470	36054.9	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	369398	2933.3	
lost to ATV IX only	369398	2933.3	
lost to all IX	369398	2933.3	
Potential Interfering Stations Included in above Scenario	4		
33A VA NORFOLK	BPCDT	20080317AGK	CP
34A NC CHARLOTTE	DTVPLN	DTVP1259	PLN
32A NC WINSTON-SALEM	DTVPLN	DTVP1187	PLN
After Analysis			
Results for: 33A NC GREENSBORO	DTVPLN	DTVP1220	PLN
HAAT 575.0 m, ATV ERP 700.0 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	3205132	36693.0	
not affected by terrain losses	3186470	36054.9	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	377115	3065.8	
lost to ATV IX only	377115	3065.8	
lost to all IX	377115	3065.8	
Potential Interfering Stations Included in above Scenario	4		
33A VA NORFOLK	BPCDT	20080317AGK	CP

Figure 3

34A NC CHARLOTTE DTVPLN DTVP1259 PLN  
 32A NC WINSTON-SALEM USERRECORD01 APP

Percent new IX = 0.2739%

Worst case new IX 0.2739% Scenario 1

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Analysis of Interference to Affected Station 19

Analysis of current record

Channel	Call	City/State	Application Ref. No.
32	WUNL-TV	WINSTON-SALEM NC	USERRECORD-01

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
31	WUNU	LUMBERTON NC	212.5	PLN	DTVPLN -DTVP1152
31	WUNU	LUMBERTON NC	212.5	CP	BPEDT -20080512AAD
31	WXII-TV	WINSTON-SALEM NC	0.2	LIC	BLCDDT -20050627AAU
31	WXII-TV	WINSTON-SALEM NC	0.2	PLN	DTVPLN -DTVP1153
32	WITN-TV	WASHINGTON NC	290.8	CP	BPCDDT -19990825LC
32	WITN-TV	WASHINGTON NC	290.8	PLN	DTVPLN -DTVP1186
32	WRLK-TV	COLUMBIA SC	256.1	LIC	BMLEDT -20040826AAL
32	WRLK-TV	COLUMBIA SC	256.1	PLN	DTVPLN -DTVP1195
32	WMBF-TV	MYRTLE BEACH SC	316.8	PLN	DTVPLN -DTVP1196
32	WMBF-TV	MYRTLE BEACH SC	316.8	CP MOD	BMPDDT -20060829BEG
32	WVIR-TV	CHARLOTTESVILLE VA	244.9	LIC	BLCDDT -20040908AAE
32	WVIR-TV	CHARLOTTESVILLE VA	244.9	PLN	DTVPLN -DTVP1201
32	WSBN-TV	NORTON VA	209.0	LIC	BLEDT -20030428ABR
32	WSBN-TV	NORTON VA	209.0	PLN	DTVPLN -DTVP1202
33	WMYV	GREENSBORO NC	74.9	LIC	BLCDDT -20020430ABD
33	WMYV	GREENSBORO NC	74.9	PLN	DTVPLN -DTVP1220

Total scenarios = 64

Result key: 71  
 Scenario 1 Affected station 19  
 Before Analysis

Results for: 32A NC WINSTON-SALEM		USERRECORD01	APP
HAAT	504.0 m, ATV ERP	400.0 kW	
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2220839	30985.8	
not affected by terrain losses	2165677	28584.2	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	120207	2501.6	
lost to ATV IX only	120207	2501.6	
lost to all IX	120207	2501.6	

Potential Interfering Stations Included in above Scenario 1

31A NC WINSTON-SALEM	BLCDDT	20050627AAU	LIC
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Figure 3

32A NC WASHINGTON	BPCDDT	19990825LC	CP
32A SC COLUMBIA	BMLEDT	20040826AAL	LIC
32A VA CHARLOTTESVILLE	BLCDDT	20040908AAE	LIC
32A VA NORTON	BLEDT	20030428ABR	LIC
33A NC GREENSBORO	BLCDDT	20020430ABD	LIC

Result key: 72  
 Scenario 2 Affected station 19  
 Before Analysis

Results for: 32A NC WINSTON-SALEM		USERRECORD01	APP
HAAT	504.0 m, ATV ERP	400.0 kW	
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2220839	30985.8	
not affected by terrain losses	2165677	28584.2	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	120207	2501.6	
lost to ATV IX only	120207	2501.6	
lost to all IX	120207	2501.6	

Potential Interfering Stations Included in above Scenario 2

31A NC WINSTON-SALEM	BLCDDT	20050627AAU	LIC
32A NC WASHINGTON	BPCDDT	19990825LC	CP
32A SC COLUMBIA	BMLEDT	20040826AAL	LIC
32A VA CHARLOTTESVILLE	BLCDDT	20040908AAE	LIC
32A VA NORTON	BLEDT	20030428ABR	LIC
33A NC GREENSBORO	DTVPLN	DTVP1220	PLN

Result key: 73  
 Scenario 3 Affected station 19  
 Before Analysis

Results for: 32A NC WINSTON-SALEM		USERRECORD01	APP
HAAT	504.0 m, ATV ERP	400.0 kW	
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2220839	30985.8	
not affected by terrain losses	2165677	28584.2	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	120207	2501.6	
lost to ATV IX only	120207	2501.6	
lost to all IX	120207	2501.6	

Potential Interfering Stations Included in above Scenario 3

31A NC WINSTON-SALEM	BLCDDT	20050627AAU	LIC
32A NC WASHINGTON	BPCDDT	19990825LC	CP
32A SC COLUMBIA	BMLEDT	20040826AAL	LIC
32A VA CHARLOTTESVILLE	BLCDDT	20040908AAE	LIC
32A VA NORTON	DTVPLN	DTVP1202	PLN
33A NC GREENSBORO	BLCDDT	20020430ABD	LIC

Result key: 74  
 Scenario 4 Affected station 19  
 Before Analysis

Results for: 32A NC WINSTON-SALEM	USERRECORD01	APP
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Figure 3

HAAT 504.0 m, ATV ERP 400.0 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2220839	30985.8	
not affected by terrain losses	2165677	28584.2	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	120207	2501.6	
lost to ATV IX only	120207	2501.6	
lost to all IX	120207	2501.6	
Potential Interfering Stations Included in above Scenario	4		
31A NC WINSTON-SALEM	BLC DT	20050627AAU	LIC
32A NC WASHINGTON	BPC DT	19990825LC	CP
32A SC COLUMBIA	BMLED T	20040826AAL	LIC
32A VA CHARLOTTESVILLE	BLC DT	20040908AAE	LIC
32A VA NORTON	DTVPLN	DTVP1202	PLN
33A NC GREENSBORO	DTVPLN	DTVP1220	PLN
Result key:	75		
Scenario	5 Affected station	19	
Before Analysis			
Results for: 32A NC WINSTON-SALEM	USERRECORD01	APP	
HAAT 504.0 m, ATV ERP 400.0 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2220839	30985.8	
not affected by terrain losses	2165677	28584.2	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	120207	2501.6	
lost to ATV IX only	120207	2501.6	
lost to all IX	120207	2501.6	
Potential Interfering Stations Included in above Scenario	5		
31A NC WINSTON-SALEM	BLC DT	20050627AAU	LIC
32A NC WASHINGTON	BPC DT	19990825LC	CP
32A SC COLUMBIA	BMLED T	20040826AAL	LIC
32A VA CHARLOTTESVILLE	DTVPLN	DTVP1201	PLN
32A VA NORTON	BLED T	20030428ABR	LIC
33A NC GREENSBORO	BLC DT	20020430ABD	LIC
Result key:	76		
Scenario	6 Affected station	19	
Before Analysis			
Results for: 32A NC WINSTON-SALEM	USERRECORD01	APP	
HAAT 504.0 m, ATV ERP 400.0 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2220839	30985.8	
not affected by terrain losses	2165677	28584.2	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	120207	2501.6	
lost to ATV IX only	120207	2501.6	
lost to all IX	120207	2501.6	
Potential Interfering Stations Included in above Scenario	6		

Figure 3

31A NC WINSTON-SALEM	BLC DT	20050627AAU	LIC
32A NC WASHINGTON	BPC DT	19990825LC	CP
32A SC COLUMBIA	BMLED T	20040826AAL	LIC
32A VA CHARLOTTESVILLE	DTVPLN	DTVP1201	PLN
32A VA NORTON	BLED T	20030428ABR	LIC
33A NC GREENSBORO	DTVPLN	DTVP1220	PLN
Result key:	77		
Scenario	7 Affected station	19	
Before Analysis			
Results for: 32A NC WINSTON-SALEM	USERRECORD01	APP	
HAAT 504.0 m, ATV ERP 400.0 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2220839	30985.8	
not affected by terrain losses	2165677	28584.2	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	120207	2501.6	
lost to ATV IX only	120207	2501.6	
lost to all IX	120207	2501.6	
Potential Interfering Stations Included in above Scenario	7		
31A NC WINSTON-SALEM	BLC DT	20050627AAU	LIC
32A NC WASHINGTON	BPC DT	19990825LC	CP
32A SC COLUMBIA	BMLED T	20040826AAL	LIC
32A VA CHARLOTTESVILLE	DTVPLN	DTVP1201	PLN
32A VA NORTON	DTVPLN	DTVP1202	PLN
33A NC GREENSBORO	BLC DT	20020430ABD	LIC
Result key:	78		
Scenario	8 Affected station	19	
Before Analysis			
Results for: 32A NC WINSTON-SALEM	USERRECORD01	APP	
HAAT 504.0 m, ATV ERP 400.0 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2220839	30985.8	
not affected by terrain losses	2165677	28584.2	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	120207	2501.6	
lost to ATV IX only	120207	2501.6	
lost to all IX	120207	2501.6	
Potential Interfering Stations Included in above Scenario	8		
31A NC WINSTON-SALEM	BLC DT	20050627AAU	LIC
32A NC WASHINGTON	BPC DT	19990825LC	CP
32A SC COLUMBIA	BMLED T	20040826AAL	LIC
32A VA CHARLOTTESVILLE	DTVPLN	DTVP1201	PLN
32A VA NORTON	DTVPLN	DTVP1202	PLN
33A NC GREENSBORO	DTVPLN	DTVP1220	PLN
Result key:	79		
Scenario	9 Affected station	19	
Before Analysis			

Figure 3

Results for: 32A NC WINSTON-SALEM			USERRECORD01	APP
HAAT 504.0 m, ATV ERP 400.0 kW				
	POPULATION	AREA (sq km)		
within Noise Limited Contour	2220839	30985.8		
not affected by terrain losses	2165677	28584.2		
lost to NTSC IX	0	0.0		
lost to additional IX by ATV	120207	2501.6		
lost to ATV IX only	120207	2501.6		
lost to all IX	120207	2501.6		
Potential Interfering Stations Included in above Scenario				9
31A NC WINSTON-SALEM	BLCDT	20050627AAU	LIC	
32A NC WASHINGTON	BPCDT	19990825LC	CP	
32A SC COLUMBIA	DTVPLN	DTVP1195	PLN	
32A VA CHARLOTTESVILLE	BLCDT	20040908AAE	LIC	
32A VA NORTON	BLEDT	20030428ABR	LIC	
33A NC GREENSBORO	BLCDT	20020430ABD	LIC	
Result key: 80				
Scenario	10	Affected station	19	
Before Analysis				
Results for: 32A NC WINSTON-SALEM			USERRECORD01	APP
HAAT 504.0 m, ATV ERP 400.0 kW				
	POPULATION	AREA (sq km)		
within Noise Limited Contour	2220839	30985.8		
not affected by terrain losses	2165677	28584.2		
lost to NTSC IX	0	0.0		
lost to additional IX by ATV	120207	2501.6		
lost to ATV IX only	120207	2501.6		
lost to all IX	120207	2501.6		
Potential Interfering Stations Included in above Scenario				10
31A NC WINSTON-SALEM	BLCDT	20050627AAU	LIC	
32A NC WASHINGTON	BPCDT	19990825LC	CP	
32A SC COLUMBIA	DTVPLN	DTVP1195	PLN	
32A VA CHARLOTTESVILLE	BLCDT	20040908AAE	LIC	
32A VA NORTON	BLEDT	20030428ABR	LIC	
33A NC GREENSBORO	DTVPLN	DTVP1220	PLN	
Result key: 81				
Scenario	11	Affected station	19	
Before Analysis				
Results for: 32A NC WINSTON-SALEM			USERRECORD01	APP
HAAT 504.0 m, ATV ERP 400.0 kW				
	POPULATION	AREA (sq km)		
within Noise Limited Contour	2220839	30985.8		
not affected by terrain losses	2165677	28584.2		
lost to NTSC IX	0	0.0		
lost to additional IX by ATV	120207	2501.6		
lost to ATV IX only	120207	2501.6		
lost to all IX	120207	2501.6		
Potential Interfering Stations Included in above Scenario				11

Figure 3

31A NC WINSTON-SALEM	BLCDT	20050627AAU	LIC	
32A NC WASHINGTON	BPCDT	19990825LC	CP	
32A SC COLUMBIA	DTVPLN	DTVP1195	PLN	
32A VA CHARLOTTESVILLE	BLCDT	20040908AAE	LIC	
32A VA NORTON	DTVPLN	DTVP1202	PLN	
33A NC GREENSBORO	BLCDT	20020430ABD	LIC	
Result key: 82				
Scenario	12	Affected station	19	
Before Analysis				
Results for: 32A NC WINSTON-SALEM		USERRECORD01	APP	
HAAT 504.0 m, ATV ERP 400.0 kW				
	POPULATION	AREA (sq km)		
within Noise Limited Contour	2220839	30985.8		
not affected by terrain losses	2165677	28584.2		
lost to NTSC IX	0	0.0		
lost to additional IX by ATV	120207	2501.6		
lost to ATV IX only	120207	2501.6		
lost to all IX	120207	2501.6		
Potential Interfering Stations Included in above Scenario				12
31A NC WINSTON-SALEM	BLCDT	20050627AAU	LIC	
32A NC WASHINGTON	BPCDT	19990825LC	CP	
32A SC COLUMBIA	DTVPLN	DTVP1195	PLN	
32A VA CHARLOTTESVILLE	BLCDT	20040908AAE	LIC	
32A VA NORTON	DTVPLN	DTVP1202	PLN	
33A NC GREENSBORO	DTVPLN	DTVP1220	PLN	
Result key: 83				
Scenario	13	Affected station	19	
Before Analysis				
Results for: 32A NC WINSTON-SALEM		USERRECORD01	APP	
HAAT 504.0 m, ATV ERP 400.0 kW				
	POPULATION	AREA (sq km)		
within Noise Limited Contour	2220839	30985.8		
not affected by terrain losses	2165677	28584.2		
lost to NTSC IX	0	0.0		
lost to additional IX by ATV	120207	2501.6		
lost to ATV IX only	120207	2501.6		
lost to all IX	120207	2501.6		
Potential Interfering Stations Included in above Scenario				13
31A NC WINSTON-SALEM	BLCDT	20050627AAU	LIC	
32A NC WASHINGTON	BPCDT	19990825LC	CP	
32A SC COLUMBIA	DTVPLN	DTVP1195	PLN	
32A VA CHARLOTTESVILLE	DTVPLN	DTVP1201	PLN	
32A VA NORTON	BLEDT	20030428ABR	LIC	
33A NC GREENSBORO	BLCDT	20020430ABD	LIC	
Result key: 84				
Scenario	14	Affected station	19	
Before Analysis				

Figure 3

Results for: 32A NC WINSTON-SALEM				USERRECORD01	APP
HAAT 504.0 m, ATV ERP 400.0 kW					
	POPULATION	AREA (sq km)			
within Noise Limited Contour	2220839	30985.8			
not affected by terrain losses	2165677	28584.2			
lost to NTSC IX	0	0.0			
lost to additional IX by ATV	120207	2501.6			
lost to ATV IX only	120207	2501.6			
lost to all IX	120207	2501.6			
Potential Interfering Stations Included in above Scenario				14	
31A NC WINSTON-SALEM	BLC DT	20050627AAU	LIC		
32A NC WASHINGTON	BPC DT	19990825LC	CP		
32A SC COLUMBIA	DTVPLN	DTVP1195	PLN		
32A VA CHARLOTTESVILLE	DTVPLN	DTVP1201	PLN		
32A VA NORTON	BLED T	20030428ABR	LIC		
33A NC GREENSBORO	DTVPLN	DTVP1220	PLN		
Result key: 85					
Scenario 15 Affected station				19	
Before Analysis					
Results for: 32A NC WINSTON-SALEM				USERRECORD01	APP
HAAT 504.0 m, ATV ERP 400.0 kW					
	POPULATION	AREA (sq km)			
within Noise Limited Contour	2220839	30985.8			
not affected by terrain losses	2165677	28584.2			
lost to NTSC IX	0	0.0			
lost to additional IX by ATV	120207	2501.6			
lost to ATV IX only	120207	2501.6			
lost to all IX	120207	2501.6			
Potential Interfering Stations Included in above Scenario				15	
31A NC WINSTON-SALEM	BLC DT	20050627AAU	LIC		
32A NC WASHINGTON	BPC DT	19990825LC	CP		
32A SC COLUMBIA	DTVPLN	DTVP1195	PLN		
32A VA CHARLOTTESVILLE	DTVPLN	DTVP1201	PLN		
32A VA NORTON	DTVPLN	DTVP1202	PLN		
33A NC GREENSBORO	BLC DT	20020430ABD	LIC		
Result key: 86					
Scenario 16 Affected station				19	
Before Analysis					
Results for: 32A NC WINSTON-SALEM				USERRECORD01	APP
HAAT 504.0 m, ATV ERP 400.0 kW					
	POPULATION	AREA (sq km)			
within Noise Limited Contour	2220839	30985.8			
not affected by terrain losses	2165677	28584.2			
lost to NTSC IX	0	0.0			
lost to additional IX by ATV	120207	2501.6			
lost to ATV IX only	120207	2501.6			
lost to all IX	120207	2501.6			

Figure 3

Potential Interfering Stations Included in above Scenario 16

31A NC WINSTON-SALEM	BLC DT	20050627AAU	LIC
32A NC WASHINGTON	BPC DT	19990825LC	CP
32A SC COLUMBIA	DTVPLN	DTVP1195	PLN
32A VA CHARLOTTESVILLE	DTVPLN	DTVP1201	PLN
32A VA NORTON	DTVPLN	DTVP1202	PLN
33A NC GREENSBORO	DTVPLN	DTVP1220	PLN

Result key: 87  
Scenario 17 Affected station 19  
Before Analysis

Results for: 32A NC WINSTON-SALEM				USERRECORD01	APP
HAAT 504.0 m, ATV ERP 400.0 kW					
	POPULATION	AREA (sq km)			
within Noise Limited Contour	2220839	30985.8			
not affected by terrain losses	2165677	28584.2			
lost to NTSC IX	0	0.0			
lost to additional IX by ATV	120207	2501.6			
lost to ATV IX only	120207	2501.6			
lost to all IX	120207	2501.6			

Potential Interfering Stations Included in above Scenario 17

31A NC WINSTON-SALEM	BLC DT	20050627AAU	LIC
32A NC WASHINGTON	DTVPLN	DTVP1186	PLN
32A SC COLUMBIA	BMLED T	20040826AAL	LIC
32A VA CHARLOTTESVILLE	BLC DT	20040908AAE	LIC
32A VA NORTON	BLED T	20030428ABR	LIC
33A NC GREENSBORO	BLC DT	20020430ABD	LIC

Result key: 88  
Scenario 18 Affected station 19  
Before Analysis

Results for: 32A NC WINSTON-SALEM				USERRECORD01	APP
HAAT 504.0 m, ATV ERP 400.0 kW					
	POPULATION	AREA (sq km)			
within Noise Limited Contour	2220839	30985.8			
not affected by terrain losses	2165677	28584.2			
lost to NTSC IX	0	0.0			
lost to additional IX by ATV	120207	2501.6			
lost to ATV IX only	120207	2501.6			
lost to all IX	120207	2501.6			

Potential Interfering Stations Included in above Scenario 18

31A NC WINSTON-SALEM	BLC DT	20050627AAU	LIC
32A NC WASHINGTON	DTVPLN	DTVP1186	PLN
32A SC COLUMBIA	BMLED T	20040826AAL	LIC
32A VA CHARLOTTESVILLE	BLC DT	20040908AAE	LIC
32A VA NORTON	BLED T	20030428ABR	LIC
33A NC GREENSBORO	DTVPLN	DTVP1220	PLN

Result key: 89  
Scenario 19 Affected station 19

Figure 3

## Before Analysis

Results for: 32A NC WINSTON-SALEM	USERRECORD01	APP
HAAT 504.0 m, ATV ERP 400.0 kW		
	POPULATION	AREA (sq km)
within Noise Limited Contour	2220839	30985.8
not affected by terrain losses	2165677	28584.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	120207	2501.6
lost to ATV IX only	120207	2501.6
lost to all IX	120207	2501.6

## Potential Interfering Stations Included in above Scenario 19

31A NC WINSTON-SALEM	BLCDDT	20050627AAU	LIC
32A NC WASHINGTON	DTVPLN	DTVP1186	PLN
32A SC COLUMBIA	BMLEDT	20040826AAL	LIC
32A VA CHARLOTTESVILLE	BLCDDT	20040908AAE	LIC
32A VA NORTON	DTVPLN	DTVP1202	PLN
33A NC GREENSBORO	BLCDDT	20020430ABD	LIC

Result key: 90  
Scenario 20 Affected station 19  
Before Analysis

Results for: 32A NC WINSTON-SALEM	USERRECORD01	APP
HAAT 504.0 m, ATV ERP 400.0 kW		
	POPULATION	AREA (sq km)
within Noise Limited Contour	2220839	30985.8
not affected by terrain losses	2165677	28584.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	120207	2501.6
lost to ATV IX only	120207	2501.6
lost to all IX	120207	2501.6

## Potential Interfering Stations Included in above Scenario 20

31A NC WINSTON-SALEM	BLCDDT	20050627AAU	LIC
32A NC WASHINGTON	DTVPLN	DTVP1186	PLN
32A SC COLUMBIA	BMLEDT	20040826AAL	LIC
32A VA CHARLOTTESVILLE	BLCDDT	20040908AAE	LIC
32A VA NORTON	DTVPLN	DTVP1202	PLN
33A NC GREENSBORO	DTVPLN	DTVP1220	PLN

Result key: 91  
Scenario 21 Affected station 19  
Before Analysis

Results for: 32A NC WINSTON-SALEM	USERRECORD01	APP
HAAT 504.0 m, ATV ERP 400.0 kW		
	POPULATION	AREA (sq km)
within Noise Limited Contour	2220839	30985.8
not affected by terrain losses	2165677	28584.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	120207	2501.6
lost to ATV IX only	120207	2501.6
lost to all IX	120207	2501.6

Figure 3

## Potential Interfering Stations Included in above Scenario 21

31A NC WINSTON-SALEM	BLCDDT	20050627AAU	LIC
32A NC WASHINGTON	DTVPLN	DTVP1186	PLN
32A SC COLUMBIA	BMLEDT	20040826AAL	LIC
32A VA CHARLOTTESVILLE	DTVPLN	DTVP1201	PLN
32A VA NORTON	BLEDT	20030428ABR	LIC
33A NC GREENSBORO	BLCDDT	20020430ABD	LIC

Result key: 92  
Scenario 22 Affected station 19  
Before Analysis

Results for: 32A NC WINSTON-SALEM	USERRECORD01	APP
HAAT 504.0 m, ATV ERP 400.0 kW		
	POPULATION	AREA (sq km)
within Noise Limited Contour	2220839	30985.8
not affected by terrain losses	2165677	28584.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	120207	2501.6
lost to ATV IX only	120207	2501.6
lost to all IX	120207	2501.6

## Potential Interfering Stations Included in above Scenario 22

31A NC WINSTON-SALEM	BLCDDT	20050627AAU	LIC
32A NC WASHINGTON	DTVPLN	DTVP1186	PLN
32A SC COLUMBIA	BMLEDT	20040826AAL	LIC
32A VA CHARLOTTESVILLE	DTVPLN	DTVP1201	PLN
32A VA NORTON	BLEDT	20030428ABR	LIC
33A NC GREENSBORO	DTVPLN	DTVP1220	PLN

Result key: 93  
Scenario 23 Affected station 19  
Before Analysis

Results for: 32A NC WINSTON-SALEM	USERRECORD01	APP
HAAT 504.0 m, ATV ERP 400.0 kW		
	POPULATION	AREA (sq km)
within Noise Limited Contour	2220839	30985.8
not affected by terrain losses	2165677	28584.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	120207	2501.6
lost to ATV IX only	120207	2501.6
lost to all IX	120207	2501.6

## Potential Interfering Stations Included in above Scenario 23

31A NC WINSTON-SALEM	BLCDDT	20050627AAU	LIC
32A NC WASHINGTON	DTVPLN	DTVP1186	PLN
32A SC COLUMBIA	BMLEDT	20040826AAL	LIC
32A VA CHARLOTTESVILLE	DTVPLN	DTVP1201	PLN
32A VA NORTON	DTVPLN	DTVP1202	PLN
33A NC GREENSBORO	BLCDDT	20020430ABD	LIC

Result key: 94

Figure 3

Scenario 24 Affected station 19  
Before Analysis

Results for: 32A NC WINSTON-SALEM USERRECORD01 APP  
HAAT 504.0 m, ATV ERP 400.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2220839	30985.8
not affected by terrain losses	2165677	28584.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	120207	2501.6
lost to ATV IX only	120207	2501.6
lost to all IX	120207	2501.6

Potential Interfering Stations Included in above Scenario 24

31A NC WINSTON-SALEM	BLCDDT	20050627AAU	LIC
32A NC WASHINGTON	DTVPLN	DTVP1186	PLN
32A SC COLUMBIA	BMLEDT	20040826AAL	LIC
32A VA CHARLOTTESVILLE	DTVPLN	DTVP1201	PLN
32A VA NORTON	DTVPLN	DTVP1202	PLN
33A NC GREENSBORO	DTVPLN	DTVP1220	PLN

Result key: 95

Scenario 25 Affected station 19  
Before Analysis

Results for: 32A NC WINSTON-SALEM USERRECORD01 APP  
HAAT 504.0 m, ATV ERP 400.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2220839	30985.8
not affected by terrain losses	2165677	28584.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	120207	2501.6
lost to ATV IX only	120207	2501.6
lost to all IX	120207	2501.6

Potential Interfering Stations Included in above Scenario 25

31A NC WINSTON-SALEM	BLCDDT	20050627AAU	LIC
32A NC WASHINGTON	DTVPLN	DTVP1186	PLN
32A SC COLUMBIA	DTVPLN	DTVP1195	PLN
32A VA CHARLOTTESVILLE	BLCDDT	20040908AAE	LIC
32A VA NORTON	BLEDDT	20030428ABR	LIC
33A NC GREENSBORO	BLCDDT	20020430ABD	LIC

Result key: 96

Scenario 26 Affected station 19  
Before Analysis

Results for: 32A NC WINSTON-SALEM USERRECORD01 APP  
HAAT 504.0 m, ATV ERP 400.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2220839	30985.8
not affected by terrain losses	2165677	28584.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	120207	2501.6
lost to ATV IX only	120207	2501.6

Figure 3

lost to all IX 120207 2501.6

Potential Interfering Stations Included in above Scenario 26

31A NC WINSTON-SALEM	BLCDDT	20050627AAU	LIC
32A NC WASHINGTON	DTVPLN	DTVP1186	PLN
32A SC COLUMBIA	DTVPLN	DTVP1195	PLN
32A VA CHARLOTTESVILLE	BLCDDT	20040908AAE	LIC
32A VA NORTON	BLEDDT	20030428ABR	LIC
33A NC GREENSBORO	DTVPLN	DTVP1220	PLN

Result key: 97

Scenario 27 Affected station 19  
Before Analysis

Results for: 32A NC WINSTON-SALEM USERRECORD01 APP  
HAAT 504.0 m, ATV ERP 400.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2220839	30985.8
not affected by terrain losses	2165677	28584.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	120207	2501.6
lost to ATV IX only	120207	2501.6
lost to all IX	120207	2501.6

Potential Interfering Stations Included in above Scenario 27

31A NC WINSTON-SALEM	BLCDDT	20050627AAU	LIC
32A NC WASHINGTON	DTVPLN	DTVP1186	PLN
32A SC COLUMBIA	DTVPLN	DTVP1195	PLN
32A VA CHARLOTTESVILLE	BLCDDT	20040908AAE	LIC
32A VA NORTON	DTVPLN	DTVP1202	PLN
33A NC GREENSBORO	BLCDDT	20020430ABD	LIC

Result key: 98

Scenario 28 Affected station 19  
Before Analysis

Results for: 32A NC WINSTON-SALEM USERRECORD01 APP  
HAAT 504.0 m, ATV ERP 400.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2220839	30985.8
not affected by terrain losses	2165677	28584.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	120207	2501.6
lost to ATV IX only	120207	2501.6
lost to all IX	120207	2501.6

Potential Interfering Stations Included in above Scenario 28

31A NC WINSTON-SALEM	BLCDDT	20050627AAU	LIC
32A NC WASHINGTON	DTVPLN	DTVP1186	PLN
32A SC COLUMBIA	DTVPLN	DTVP1195	PLN
32A VA CHARLOTTESVILLE	BLCDDT	20040908AAE	LIC
32A VA NORTON	DTVPLN	DTVP1202	PLN
33A NC GREENSBORO	DTVPLN	DTVP1220	PLN

Figure 3

Result key: 99  
Scenario 29 Affected station 19  
Before Analysis

Results for: 32A NC WINSTON-SALEM USERRECORD01 APP  
HAAT 504.0 m, ATV ERP 400.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2220839	30985.8
not affected by terrain losses	2165677	28584.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	120207	2501.6
lost to ATV IX only	120207	2501.6
lost to all IX	120207	2501.6

Potential Interfering Stations Included in above Scenario 29

31A NC WINSTON-SALEM	BLCDDT	20050627AAU	LIC
32A NC WASHINGTON	DTVPLN	DTVP1186	PLN
32A SC COLUMBIA	DTVPLN	DTVP1195	PLN
32A VA CHARLOTTESVILLE	DTVPLN	DTVP1201	PLN
32A VA NORTON	BLEDT	20030428ABR	LIC
33A NC GREENSBORO	BLCDDT	20020430ABD	LIC

Result key: 100  
Scenario 30 Affected station 19  
Before Analysis

Results for: 32A NC WINSTON-SALEM USERRECORD01 APP  
HAAT 504.0 m, ATV ERP 400.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2220839	30985.8
not affected by terrain losses	2165677	28584.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	120207	2501.6
lost to ATV IX only	120207	2501.6
lost to all IX	120207	2501.6

Potential Interfering Stations Included in above Scenario 30

31A NC WINSTON-SALEM	BLCDDT	20050627AAU	LIC
32A NC WASHINGTON	DTVPLN	DTVP1186	PLN
32A SC COLUMBIA	DTVPLN	DTVP1195	PLN
32A VA CHARLOTTESVILLE	DTVPLN	DTVP1201	PLN
32A VA NORTON	BLEDT	20030428ABR	LIC
33A NC GREENSBORO	DTVPLN	DTVP1220	PLN

Result key: 101  
Scenario 31 Affected station 19  
Before Analysis

Results for: 32A NC WINSTON-SALEM USERRECORD01 APP  
HAAT 504.0 m, ATV ERP 400.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2220839	30985.8
not affected by terrain losses	2165677	28584.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	120207	2501.6

Figure 3

lost to ATV IX only 120207 2501.6  
lost to all IX 120207 2501.6

Potential Interfering Stations Included in above Scenario 31

31A NC WINSTON-SALEM	BLCDDT	20050627AAU	LIC
32A NC WASHINGTON	DTVPLN	DTVP1186	PLN
32A SC COLUMBIA	DTVPLN	DTVP1195	PLN
32A VA CHARLOTTESVILLE	DTVPLN	DTVP1201	PLN
32A VA NORTON	DTVPLN	DTVP1202	PLN
33A NC GREENSBORO	BLCDDT	20020430ABD	LIC

Result key: 102  
Scenario 32 Affected station 19  
Before Analysis

Results for: 32A NC WINSTON-SALEM USERRECORD01 APP  
HAAT 504.0 m, ATV ERP 400.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2220839	30985.8
not affected by terrain losses	2165677	28584.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	120207	2501.6
lost to ATV IX only	120207	2501.6
lost to all IX	120207	2501.6

Potential Interfering Stations Included in above Scenario 32

31A NC WINSTON-SALEM	BLCDDT	20050627AAU	LIC
32A NC WASHINGTON	DTVPLN	DTVP1186	PLN
32A SC COLUMBIA	DTVPLN	DTVP1195	PLN
32A VA CHARLOTTESVILLE	DTVPLN	DTVP1201	PLN
32A VA NORTON	DTVPLN	DTVP1202	PLN
33A NC GREENSBORO	DTVPLN	DTVP1220	PLN

Result key: 103  
Scenario 33 Affected station 19  
Before Analysis

Results for: 32A NC WINSTON-SALEM USERRECORD01 APP  
HAAT 504.0 m, ATV ERP 400.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2220839	30985.8
not affected by terrain losses	2165677	28584.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	120207	2501.6
lost to ATV IX only	120207	2501.6
lost to all IX	120207	2501.6

Potential Interfering Stations Included in above Scenario 33

31A NC WINSTON-SALEM	DTVPLN	DTVP1153	PLN
32A NC WASHINGTON	BPCDDT	19990825LC	CP
32A SC COLUMBIA	BMLEDT	20040826AAL	LIC
32A VA CHARLOTTESVILLE	BLCDDT	20040908AAE	LIC
32A VA NORTON	BLEDT	20030428ABR	LIC
33A NC GREENSBORO	BLCDDT	20020430ABD	LIC

Figure 3

Result key:	104		
Scenario	34 Affected station	19	
Before Analysis			
Results for:	32A NC WINSTON-SALEM	USERRECORD01	APP
HAAT	504.0 m, ATV ERP	400.0 kW	
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2220839	30985.8	
not affected by terrain losses	2165677	28584.2	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	120207	2501.6	
lost to ATV IX only	120207	2501.6	
lost to all IX	120207	2501.6	
Potential Interfering Stations Included in above Scenario	34		
31A NC WINSTON-SALEM	DTVPLN	DTVP1153	PLN
32A NC WASHINGTON	BPCDT	19990825LC	CP
32A SC COLUMBIA	BMLEDT	20040826AAL	LIC
32A VA CHARLOTTESVILLE	BLCDT	20040908AAE	LIC
32A VA NORTON	BLEDT	20030428ABR	LIC
33A NC GREENSBORO	DTVPLN	DTVP1220	PLN
Result key:	105		
Scenario	35 Affected station	19	
Before Analysis			
Results for:	32A NC WINSTON-SALEM	USERRECORD01	APP
HAAT	504.0 m, ATV ERP	400.0 kW	
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2220839	30985.8	
not affected by terrain losses	2165677	28584.2	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	120207	2501.6	
lost to ATV IX only	120207	2501.6	
lost to all IX	120207	2501.6	
Potential Interfering Stations Included in above Scenario	35		
31A NC WINSTON-SALEM	DTVPLN	DTVP1153	PLN
32A NC WASHINGTON	BPCDT	19990825LC	CP
32A SC COLUMBIA	BMLEDT	20040826AAL	LIC
32A VA CHARLOTTESVILLE	BLCDT	20040908AAE	LIC
32A VA NORTON	DTVPLN	DTVP1202	PLN
33A NC GREENSBORO	BLCDT	20020430ABD	LIC
Result key:	106		
Scenario	36 Affected station	19	
Before Analysis			
Results for:	32A NC WINSTON-SALEM	USERRECORD01	APP
HAAT	504.0 m, ATV ERP	400.0 kW	
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2220839	30985.8	
not affected by terrain losses	2165677	28584.2	
lost to NTSC IX	0	0.0	

Figure 3

lost to additional IX by ATV	120207	2501.6	
lost to ATV IX only	120207	2501.6	
lost to all IX	120207	2501.6	
Potential Interfering Stations Included in above Scenario	36		
31A NC WINSTON-SALEM	DTVPLN	DTVP1153	PLN
32A NC WASHINGTON	BPCDT	19990825LC	CP
32A SC COLUMBIA	BMLEDT	20040826AAL	LIC
32A VA CHARLOTTESVILLE	BLCDT	20040908AAE	LIC
32A VA NORTON	DTVPLN	DTVP1202	PLN
33A NC GREENSBORO	DTVPLN	DTVP1220	PLN
Result key:	107		
Scenario	37 Affected station	19	
Before Analysis			
Results for:	32A NC WINSTON-SALEM	USERRECORD01	APP
HAAT	504.0 m, ATV ERP	400.0 kW	
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2220839	30985.8	
not affected by terrain losses	2165677	28584.2	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	120207	2501.6	
lost to ATV IX only	120207	2501.6	
lost to all IX	120207	2501.6	
Potential Interfering Stations Included in above Scenario	37		
31A NC WINSTON-SALEM	DTVPLN	DTVP1153	PLN
32A NC WASHINGTON	BPCDT	19990825LC	CP
32A SC COLUMBIA	BMLEDT	20040826AAL	LIC
32A VA CHARLOTTESVILLE	DTVPLN	DTVP1201	PLN
32A VA NORTON	BLEDT	20030428ABR	LIC
33A NC GREENSBORO	BLCDT	20020430ABD	LIC
Result key:	108		
Scenario	38 Affected station	19	
Before Analysis			
Results for:	32A NC WINSTON-SALEM	USERRECORD01	APP
HAAT	504.0 m, ATV ERP	400.0 kW	
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2220839	30985.8	
not affected by terrain losses	2165677	28584.2	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	120207	2501.6	
lost to ATV IX only	120207	2501.6	
lost to all IX	120207	2501.6	
Potential Interfering Stations Included in above Scenario	38		
31A NC WINSTON-SALEM	DTVPLN	DTVP1153	PLN
32A NC WASHINGTON	BPCDT	19990825LC	CP
32A SC COLUMBIA	BMLEDT	20040826AAL	LIC
32A VA CHARLOTTESVILLE	DTVPLN	DTVP1201	PLN
32A VA NORTON	BLEDT	20030428ABR	LIC

Figure 3

33A NC GREENSBORO DTVPLN DTVP1220 PLN

Result key: 109  
Scenario 39 Affected station 19  
Before Analysis

Results for: 32A NC WINSTON-SALEM USERRECORD01 APP  
HAAT 504.0 m, ATV ERP 400.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2220839	30985.8
not affected by terrain losses	2165677	28584.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	120207	2501.6
lost to ATV IX only	120207	2501.6
lost to all IX	120207	2501.6

Potential Interfering Stations Included in above Scenario 39

31A NC WINSTON-SALEM	DTVPLN	DTVP1153	PLN
32A NC WASHINGTON	BPCDT	19990825LC	CP
32A SC COLUMBIA	BMLEDT	20040826AAL	LIC
32A VA CHARLOTTESVILLE	DTVPLN	DTVP1201	PLN
32A VA NORTON	DTVPLN	DTVP1202	PLN
33A NC GREENSBORO	BLCDDT	20020430ABD	LIC

Result key: 110  
Scenario 40 Affected station 19  
Before Analysis

Results for: 32A NC WINSTON-SALEM USERRECORD01 APP  
HAAT 504.0 m, ATV ERP 400.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2220839	30985.8
not affected by terrain losses	2165677	28584.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	120207	2501.6
lost to ATV IX only	120207	2501.6
lost to all IX	120207	2501.6

Potential Interfering Stations Included in above Scenario 40

31A NC WINSTON-SALEM	DTVPLN	DTVP1153	PLN
32A NC WASHINGTON	BPCDT	19990825LC	CP
32A SC COLUMBIA	BMLEDT	20040826AAL	LIC
32A VA CHARLOTTESVILLE	DTVPLN	DTVP1201	PLN
32A VA NORTON	DTVPLN	DTVP1202	PLN
33A NC GREENSBORO	DTVPLN	DTVP1220	PLN

Result key: 111  
Scenario 41 Affected station 19  
Before Analysis

Results for: 32A NC WINSTON-SALEM USERRECORD01 APP  
HAAT 504.0 m, ATV ERP 400.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2220839	30985.8
not affected by terrain losses	2165677	28584.2

Figure 3

lost to NTSC IX 0 0.0  
lost to additional IX by ATV 120207 2501.6  
lost to ATV IX only 120207 2501.6  
lost to all IX 120207 2501.6

Potential Interfering Stations Included in above Scenario 41

31A NC WINSTON-SALEM	DTVPLN	DTVP1153	PLN
32A NC WASHINGTON	BPCDT	19990825LC	CP
32A SC COLUMBIA	DTVPLN	DTVP1195	PLN
32A VA CHARLOTTESVILLE	BLCDDT	20040908AAE	LIC
32A VA NORTON	BLEDT	20030428ABR	LIC
33A NC GREENSBORO	BLCDDT	20020430ABD	LIC

Result key: 112  
Scenario 42 Affected station 19  
Before Analysis

Results for: 32A NC WINSTON-SALEM USERRECORD01 APP  
HAAT 504.0 m, ATV ERP 400.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2220839	30985.8
not affected by terrain losses	2165677	28584.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	120207	2501.6
lost to ATV IX only	120207	2501.6
lost to all IX	120207	2501.6

Potential Interfering Stations Included in above Scenario 42

31A NC WINSTON-SALEM	DTVPLN	DTVP1153	PLN
32A NC WASHINGTON	BPCDT	19990825LC	CP
32A SC COLUMBIA	DTVPLN	DTVP1195	PLN
32A VA CHARLOTTESVILLE	BLCDDT	20040908AAE	LIC
32A VA NORTON	BLEDT	20030428ABR	LIC
33A NC GREENSBORO	DTVPLN	DTVP1220	PLN

Result key: 113  
Scenario 43 Affected station 19  
Before Analysis

Results for: 32A NC WINSTON-SALEM USERRECORD01 APP  
HAAT 504.0 m, ATV ERP 400.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2220839	30985.8
not affected by terrain losses	2165677	28584.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	120207	2501.6
lost to ATV IX only	120207	2501.6
lost to all IX	120207	2501.6

Potential Interfering Stations Included in above Scenario 43

31A NC WINSTON-SALEM	DTVPLN	DTVP1153	PLN
32A NC WASHINGTON	BPCDT	19990825LC	CP
32A SC COLUMBIA	DTVPLN	DTVP1195	PLN
32A VA CHARLOTTESVILLE	BLCDDT	20040908AAE	LIC



Figure 3

32A VA NORTON	DTVPLN	DTVP1202	PLN
33A NC GREENSBORO	BLCDT	20020430ABD	LIC

Result key: 114  
Scenario 44 Affected station 19  
Before Analysis

Results for: 32A NC WINSTON-SALEM USERRECORD01 APP  
HAAT 504.0 m, ATV ERP 400.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2220839	30985.8
not affected by terrain losses	2165677	28584.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	120207	2501.6
lost to ATV IX only	120207	2501.6
lost to all IX	120207	2501.6

Potential Interfering Stations Included in above Scenario 44

31A NC WINSTON-SALEM	DTVPLN	DTVP1153	PLN
32A NC WASHINGTON	BPCDT	19990825LC	CP
32A SC COLUMBIA	DTVPLN	DTVP1195	PLN
32A VA CHARLOTTESVILLE	BLCDT	20040908AAE	LIC
32A VA NORTON	DTVPLN	DTVP1202	PLN
33A NC GREENSBORO	DTVPLN	DTVP1220	PLN

Result key: 115  
Scenario 45 Affected station 19  
Before Analysis

Results for: 32A NC WINSTON-SALEM USERRECORD01 APP  
HAAT 504.0 m, ATV ERP 400.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2220839	30985.8
not affected by terrain losses	2165677	28584.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	120207	2501.6
lost to ATV IX only	120207	2501.6
lost to all IX	120207	2501.6

Potential Interfering Stations Included in above Scenario 45

31A NC WINSTON-SALEM	DTVPLN	DTVP1153	PLN
32A NC WASHINGTON	BPCDT	19990825LC	CP
32A SC COLUMBIA	DTVPLN	DTVP1195	PLN
32A VA CHARLOTTESVILLE	DTVPLN	DTVP1201	PLN
32A VA NORTON	BLEDT	20030428ABR	LIC
33A NC GREENSBORO	BLCDT	20020430ABD	LIC

Result key: 116  
Scenario 46 Affected station 19  
Before Analysis

Results for: 32A NC WINSTON-SALEM USERRECORD01 APP  
HAAT 504.0 m, ATV ERP 400.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2220839	30985.8

Figure 3

not affected by terrain losses	2165677	28584.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	120207	2501.6
lost to ATV IX only	120207	2501.6
lost to all IX	120207	2501.6

Potential Interfering Stations Included in above Scenario 46

31A NC WINSTON-SALEM	DTVPLN	DTVP1153	PLN
32A NC WASHINGTON	BPCDT	19990825LC	CP
32A SC COLUMBIA	DTVPLN	DTVP1195	PLN
32A VA CHARLOTTESVILLE	DTVPLN	DTVP1201	PLN
32A VA NORTON	BLEDT	20030428ABR	LIC
33A NC GREENSBORO	DTVPLN	DTVP1220	PLN

Result key: 117  
Scenario 47 Affected station 19  
Before Analysis

Results for: 32A NC WINSTON-SALEM USERRECORD01 APP  
HAAT 504.0 m, ATV ERP 400.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2220839	30985.8
not affected by terrain losses	2165677	28584.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	120207	2501.6
lost to ATV IX only	120207	2501.6
lost to all IX	120207	2501.6

Potential Interfering Stations Included in above Scenario 47

31A NC WINSTON-SALEM	DTVPLN	DTVP1153	PLN
32A NC WASHINGTON	BPCDT	19990825LC	CP
32A SC COLUMBIA	DTVPLN	DTVP1195	PLN
32A VA CHARLOTTESVILLE	DTVPLN	DTVP1201	PLN
32A VA NORTON	DTVPLN	DTVP1202	PLN
33A NC GREENSBORO	BLCDT	20020430ABD	LIC

Result key: 118  
Scenario 48 Affected station 19  
Before Analysis

Results for: 32A NC WINSTON-SALEM USERRECORD01 APP  
HAAT 504.0 m, ATV ERP 400.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2220839	30985.8
not affected by terrain losses	2165677	28584.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	120207	2501.6
lost to ATV IX only	120207	2501.6
lost to all IX	120207	2501.6

Potential Interfering Stations Included in above Scenario 48

31A NC WINSTON-SALEM	DTVPLN	DTVP1153	PLN
32A NC WASHINGTON	BPCDT	19990825LC	CP
32A SC COLUMBIA	DTVPLN	DTVP1195	PLN

Figure 3

32A VA CHARLOTTESVILLE	DTVPLN	DTVP1201	PLN
32A VA NORTON	DTVPLN	DTVP1202	PLN
33A NC GREENSBORO	DTVPLN	DTVP1220	PLN
Result key:	119		
Scenario	49 Affected station	19	
Before Analysis			
Results for: 32A NC WINSTON-SALEM	USERRECORD01	APP	
HAAT 504.0 m, ATV ERP 400.0 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2220839	30985.8	
not affected by terrain losses	2165677	28584.2	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	120207	2501.6	
lost to ATV IX only	120207	2501.6	
lost to all IX	120207	2501.6	
Potential Interfering Stations Included in above Scenario	49		
31A NC WINSTON-SALEM	DTVPLN	DTVP1153	PLN
32A NC WASHINGTON	DTVPLN	DTVP1186	PLN
32A SC COLUMBIA	BMLEDT	20040826AAL	LIC
32A VA CHARLOTTESVILLE	BLCDT	20040908AAE	LIC
32A VA NORTON	BLEDT	20030428ABR	LIC
33A NC GREENSBORO	BLCDT	20020430ABD	LIC
Result key:	120		
Scenario	50 Affected station	19	
Before Analysis			
Results for: 32A NC WINSTON-SALEM	USERRECORD01	APP	
HAAT 504.0 m, ATV ERP 400.0 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2220839	30985.8	
not affected by terrain losses	2165677	28584.2	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	120207	2501.6	
lost to ATV IX only	120207	2501.6	
lost to all IX	120207	2501.6	
Potential Interfering Stations Included in above Scenario	50		
31A NC WINSTON-SALEM	DTVPLN	DTVP1153	PLN
32A NC WASHINGTON	DTVPLN	DTVP1186	PLN
32A SC COLUMBIA	BMLEDT	20040826AAL	LIC
32A VA CHARLOTTESVILLE	BLCDT	20040908AAE	LIC
32A VA NORTON	BLEDT	20030428ABR	LIC
33A NC GREENSBORO	DTVPLN	DTVP1220	PLN
Result key:	121		
Scenario	51 Affected station	19	
Before Analysis			
Results for: 32A NC WINSTON-SALEM	USERRECORD01	APP	
HAAT 504.0 m, ATV ERP 400.0 kW			
	POPULATION	AREA (sq km)	

Figure 3

within Noise Limited Contour	2220839	30985.8	
not affected by terrain losses	2165677	28584.2	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	120207	2501.6	
lost to ATV IX only	120207	2501.6	
lost to all IX	120207	2501.6	
Potential Interfering Stations Included in above Scenario	51		
31A NC WINSTON-SALEM	DTVPLN	DTVP1153	PLN
32A NC WASHINGTON	DTVPLN	DTVP1186	PLN
32A SC COLUMBIA	BMLEDT	20040826AAL	LIC
32A VA CHARLOTTESVILLE	BLCDT	20040908AAE	LIC
32A VA NORTON	DTVPLN	DTVP1202	PLN
33A NC GREENSBORO	BLCDT	20020430ABD	LIC
Result key:	122		
Scenario	52 Affected station	19	
Before Analysis			
Results for: 32A NC WINSTON-SALEM	USERRECORD01	APP	
HAAT 504.0 m, ATV ERP 400.0 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2220839	30985.8	
not affected by terrain losses	2165677	28584.2	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	120207	2501.6	
lost to ATV IX only	120207	2501.6	
lost to all IX	120207	2501.6	
Potential Interfering Stations Included in above Scenario	52		
31A NC WINSTON-SALEM	DTVPLN	DTVP1153	PLN
32A NC WASHINGTON	DTVPLN	DTVP1186	PLN
32A SC COLUMBIA	BMLEDT	20040826AAL	LIC
32A VA CHARLOTTESVILLE	BLCDT	20040908AAE	LIC
32A VA NORTON	DTVPLN	DTVP1202	PLN
33A NC GREENSBORO	DTVPLN	DTVP1220	PLN
Result key:	123		
Scenario	53 Affected station	19	
Before Analysis			
Results for: 32A NC WINSTON-SALEM	USERRECORD01	APP	
HAAT 504.0 m, ATV ERP 400.0 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2220839	30985.8	
not affected by terrain losses	2165677	28584.2	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	120207	2501.6	
lost to ATV IX only	120207	2501.6	
lost to all IX	120207	2501.6	
Potential Interfering Stations Included in above Scenario	53		
31A NC WINSTON-SALEM	DTVPLN	DTVP1153	PLN
32A NC WASHINGTON	DTVPLN	DTVP1186	PLN

Figure 3

32A SC COLUMBIA	BMLED	20040826AAL	LIC
32A VA CHARLOTTESVILLE	DTVPLN	DTVP1201	PLN
32A VA NORTON	BLED	20030428ABR	LIC
33A NC GREENSBORO	BLCDT	20020430ABD	LIC

Result key: 124  
 Scenario 54 Affected station 19  
 Before Analysis

Results for: 32A NC WINSTON-SALEM	USERRECORD01	APP
HAAT 504.0 m, ATV ERP 400.0 kW		
	POPULATION	AREA (sq km)
within Noise Limited Contour	2220839	30985.8
not affected by terrain losses	2165677	28584.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	120207	2501.6
lost to ATV IX only	120207	2501.6
lost to all IX	120207	2501.6

Potential Interfering Stations Included in above Scenario 54

31A NC WINSTON-SALEM	DTVPLN	DTVP1153	PLN
32A NC WASHINGTON	DTVPLN	DTVP1186	PLN
32A SC COLUMBIA	BMLED	20040826AAL	LIC
32A VA CHARLOTTESVILLE	DTVPLN	DTVP1201	PLN
32A VA NORTON	BLED	20030428ABR	LIC
33A NC GREENSBORO	DTVPLN	DTVP1220	PLN

Result key: 125  
 Scenario 55 Affected station 19  
 Before Analysis

Results for: 32A NC WINSTON-SALEM	USERRECORD01	APP
HAAT 504.0 m, ATV ERP 400.0 kW		
	POPULATION	AREA (sq km)
within Noise Limited Contour	2220839	30985.8
not affected by terrain losses	2165677	28584.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	120207	2501.6
lost to ATV IX only	120207	2501.6
lost to all IX	120207	2501.6

Potential Interfering Stations Included in above Scenario 55

31A NC WINSTON-SALEM	DTVPLN	DTVP1153	PLN
32A NC WASHINGTON	DTVPLN	DTVP1186	PLN
32A SC COLUMBIA	BMLED	20040826AAL	LIC
32A VA CHARLOTTESVILLE	DTVPLN	DTVP1201	PLN
32A VA NORTON	DTVPLN	DTVP1202	PLN
33A NC GREENSBORO	BLCDT	20020430ABD	LIC

Result key: 126  
 Scenario 56 Affected station 19  
 Before Analysis

Results for: 32A NC WINSTON-SALEM	USERRECORD01	APP
HAAT 504.0 m, ATV ERP 400.0 kW		

Figure 3

	POPULATION	AREA (sq km)
within Noise Limited Contour	2220839	30985.8
not affected by terrain losses	2165677	28584.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	120207	2501.6
lost to ATV IX only	120207	2501.6
lost to all IX	120207	2501.6

Potential Interfering Stations Included in above Scenario 56

31A NC WINSTON-SALEM	DTVPLN	DTVP1153	PLN
32A NC WASHINGTON	DTVPLN	DTVP1186	PLN
32A SC COLUMBIA	BMLED	20040826AAL	LIC
32A VA CHARLOTTESVILLE	DTVPLN	DTVP1201	PLN
32A VA NORTON	DTVPLN	DTVP1202	PLN
33A NC GREENSBORO	DTVPLN	DTVP1220	PLN

Result key: 127  
 Scenario 57 Affected station 19  
 Before Analysis

Results for: 32A NC WINSTON-SALEM	USERRECORD01	APP
HAAT 504.0 m, ATV ERP 400.0 kW		
	POPULATION	AREA (sq km)
within Noise Limited Contour	2220839	30985.8
not affected by terrain losses	2165677	28584.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	120207	2501.6
lost to ATV IX only	120207	2501.6
lost to all IX	120207	2501.6

Potential Interfering Stations Included in above Scenario 57

31A NC WINSTON-SALEM	DTVPLN	DTVP1153	PLN
32A NC WASHINGTON	DTVPLN	DTVP1186	PLN
32A SC COLUMBIA	DTVPLN	DTVP1195	PLN
32A VA CHARLOTTESVILLE	BLCDT	20040908AAE	LIC
32A VA NORTON	BLED	20030428ABR	LIC
33A NC GREENSBORO	BLCDT	20020430ABD	LIC

Result key: 128  
 Scenario 58 Affected station 19  
 Before Analysis

Results for: 32A NC WINSTON-SALEM	USERRECORD01	APP
HAAT 504.0 m, ATV ERP 400.0 kW		
	POPULATION	AREA (sq km)
within Noise Limited Contour	2220839	30985.8
not affected by terrain losses	2165677	28584.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	120207	2501.6
lost to ATV IX only	120207	2501.6
lost to all IX	120207	2501.6

Potential Interfering Stations Included in above Scenario 58

31A NC WINSTON-SALEM	DTVPLN	DTVP1153	PLN
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Figure 3

32A NC WASHINGTON	DTVPLN	DTVP1186	PLN
32A SC COLUMBIA	DTVPLN	DTVP1195	PLN
32A VA CHARLOTTESVILLE	BLCDT	20040908AAE	LIC
32A VA NORTON	BLEDT	20030428ABR	LIC
33A NC GREENSBORO	DTVPLN	DTVP1220	PLN

Result key: 129  
 Scenario 59 Affected station 19  
 Before Analysis

Results for: 32A NC WINSTON-SALEM	USERRECORD01	APP
HAAT 504.0 m, ATV ERP 400.0 kW		
	POPULATION	AREA (sq km)
within Noise Limited Contour	2220839	30985.8
not affected by terrain losses	2165677	28584.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	120207	2501.6
lost to ATV IX only	120207	2501.6
lost to all IX	120207	2501.6

Potential Interfering Stations Included in above Scenario 59

31A NC WINSTON-SALEM	DTVPLN	DTVP1153	PLN
32A NC WASHINGTON	DTVPLN	DTVP1186	PLN
32A SC COLUMBIA	DTVPLN	DTVP1195	PLN
32A VA CHARLOTTESVILLE	BLCDT	20040908AAE	LIC
32A VA NORTON	DTVPLN	DTVP1202	PLN
33A NC GREENSBORO	BLCDT	20020430ABD	LIC

Result key: 130  
 Scenario 60 Affected station 19  
 Before Analysis

Results for: 32A NC WINSTON-SALEM	USERRECORD01	APP
HAAT 504.0 m, ATV ERP 400.0 kW		
	POPULATION	AREA (sq km)
within Noise Limited Contour	2220839	30985.8
not affected by terrain losses	2165677	28584.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	120207	2501.6
lost to ATV IX only	120207	2501.6
lost to all IX	120207	2501.6

Potential Interfering Stations Included in above Scenario 60

31A NC WINSTON-SALEM	DTVPLN	DTVP1153	PLN
32A NC WASHINGTON	DTVPLN	DTVP1186	PLN
32A SC COLUMBIA	DTVPLN	DTVP1195	PLN
32A VA CHARLOTTESVILLE	BLCDT	20040908AAE	LIC
32A VA NORTON	DTVPLN	DTVP1202	PLN
33A NC GREENSBORO	DTVPLN	DTVP1220	PLN

Result key: 131  
 Scenario 61 Affected station 19  
 Before Analysis

Results for: 32A NC WINSTON-SALEM	USERRECORD01	APP
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Figure 3

HAAT 504.0 m, ATV ERP 400.0 kW		
	POPULATION	AREA (sq km)
within Noise Limited Contour	2220839	30985.8
not affected by terrain losses	2165677	28584.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	120207	2501.6
lost to ATV IX only	120207	2501.6
lost to all IX	120207	2501.6

Potential Interfering Stations Included in above Scenario 61

31A NC WINSTON-SALEM	DTVPLN	DTVP1153	PLN
32A NC WASHINGTON	DTVPLN	DTVP1186	PLN
32A SC COLUMBIA	DTVPLN	DTVP1195	PLN
32A VA CHARLOTTESVILLE	DTVPLN	DTVP1201	PLN
32A VA NORTON	BLEDT	20030428ABR	LIC
33A NC GREENSBORO	BLCDT	20020430ABD	LIC

Result key: 132  
 Scenario 62 Affected station 19  
 Before Analysis

Results for: 32A NC WINSTON-SALEM	USERRECORD01	APP
HAAT 504.0 m, ATV ERP 400.0 kW		
	POPULATION	AREA (sq km)
within Noise Limited Contour	2220839	30985.8
not affected by terrain losses	2165677	28584.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	120207	2501.6
lost to ATV IX only	120207	2501.6
lost to all IX	120207	2501.6

Potential Interfering Stations Included in above Scenario 62

31A NC WINSTON-SALEM	DTVPLN	DTVP1153	PLN
32A NC WASHINGTON	DTVPLN	DTVP1186	PLN
32A SC COLUMBIA	DTVPLN	DTVP1195	PLN
32A VA CHARLOTTESVILLE	DTVPLN	DTVP1201	PLN
32A VA NORTON	BLEDT	20030428ABR	LIC
33A NC GREENSBORO	DTVPLN	DTVP1220	PLN

Result key: 133  
 Scenario 63 Affected station 19  
 Before Analysis

Results for: 32A NC WINSTON-SALEM	USERRECORD01	APP
HAAT 504.0 m, ATV ERP 400.0 kW		
	POPULATION	AREA (sq km)
within Noise Limited Contour	2220839	30985.8
not affected by terrain losses	2165677	28584.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	120207	2501.6
lost to ATV IX only	120207	2501.6
lost to all IX	120207	2501.6

Potential Interfering Stations Included in above Scenario 63

Figure 3

31A NC WINSTON-SALEM	DTVPLN	DTVP1153	PLN
32A NC WASHINGTON	DTVPLN	DTVP1186	PLN
32A SC COLUMBIA	DTVPLN	DTVP1195	PLN
32A VA CHARLOTTESVILLE	DTVPLN	DTVP1201	PLN
32A VA NORTON	DTVPLN	DTVP1202	PLN
33A NC GREENSBORO	BLCDT	20020430ABD	LIC

Result key: 134  
Scenario 64 Affected station 19  
Before Analysis

Results for: 32A NC WINSTON-SALEM USERRECORD01 APP  
HAAT 504.0 m, ATV ERP 400.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2220839	30985.8
not affected by terrain losses	2165677	28584.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	120207	2501.6
lost to ATV IX only	120207	2501.6
lost to all IX	120207	2501.6

Potential Interfering Stations Included in above Scenario 64

31A NC WINSTON-SALEM	DTVPLN	DTVP1153	PLN
32A NC WASHINGTON	DTVPLN	DTVP1186	PLN
32A SC COLUMBIA	DTVPLN	DTVP1195	PLN
32A VA CHARLOTTESVILLE	DTVPLN	DTVP1201	PLN
32A VA NORTON	DTVPLN	DTVP1202	PLN
33A NC GREENSBORO	DTVPLN	DTVP1220	PLN

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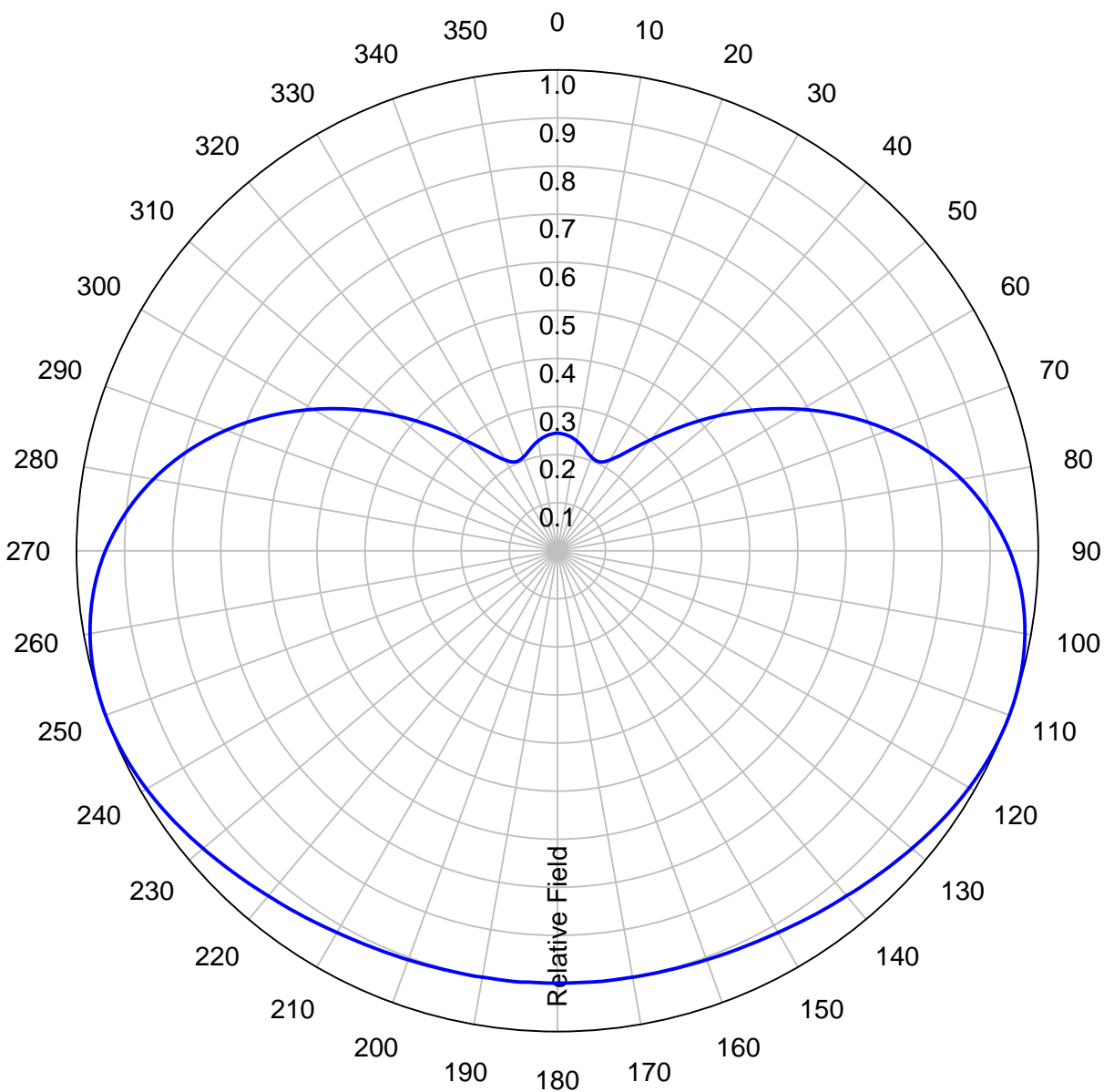
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# APPENDIX

## TRANSMITTING ANTENNA VERTICAL AND HORIZONTAL PLANE PATTERN

**AZIMUTH PATTERN****Type:**ATW-C170**Channel:**32**Directivity:**NumericdBd**Location:**WUNL-DT**Peak(s) at:**1.702.30**Polarization:**Horizontal

Note: Pattern shape and directivity may vary with channel and mouting configuration.



# TABULATED DATA FOR AZIMUTH PATTERN

Type ATW-C170

Polarization Horizontal

ANGLE	FIELD	dB	ANGLE	FIELD	dB	ANGLE	FIELD	dB	ANGLE	FIELD	dB
0	0.245	-12.22	92	0.952	-0.43	184	0.899	-0.92	276	0.893	-0.98
2	0.244	-12.25	94	0.963	-0.33	186	0.900	-0.92	278	0.874	-1.17
4	0.242	-12.32	96	0.973	-0.24	188	0.900	-0.92	280	0.854	-1.37
6	0.240	-12.40	98	0.981	-0.17	190	0.900	-0.92	282	0.832	-1.60
8	0.236	-12.54	100	0.987	-0.11	192	0.901	-0.91	284	0.809	-1.84
10	0.232	-12.69	102	0.992	-0.07	194	0.902	-0.90	286	0.785	-2.10
12	0.227	-12.88	104	0.996	-0.03	196	0.903	-0.89	288	0.760	-2.38
14	0.222	-13.07	106	0.998	-0.02	198	0.904	-0.88	290	0.733	-2.70
16	0.216	-13.31	108	1.000	0.00	200	0.905	-0.87	292	0.706	-3.02
18	0.211	-13.51	110	1.000	0.00	202	0.907	-0.85	294	0.677	-3.39
20	0.207	-13.68	112	0.999	-0.01	204	0.909	-0.83	296	0.648	-3.77
22	0.205	-13.76	114	0.997	-0.03	206	0.911	-0.81	298	0.619	-4.17
24	0.204	-13.81	116	0.995	-0.04	208	0.914	-0.78	300	0.588	-4.61
26	0.206	-13.72	118	0.992	-0.07	210	0.917	-0.75	302	0.558	-5.07
28	0.210	-13.56	120	0.988	-0.10	212	0.920	-0.72	304	0.527	-5.56
30	0.218	-13.23	122	0.983	-0.15	214	0.924	-0.69	306	0.497	-6.07
32	0.229	-12.80	124	0.978	-0.19	216	0.928	-0.65	308	0.466	-6.63
34	0.243	-12.29	126	0.973	-0.24	218	0.932	-0.61	310	0.437	-7.19
36	0.260	-11.70	128	0.968	-0.28	220	0.936	-0.57	312	0.407	-7.81
38	0.280	-11.06	130	0.963	-0.33	222	0.941	-0.53	314	0.379	-8.43
40	0.302	-10.40	132	0.957	-0.38	224	0.946	-0.48	316	0.352	-9.07
42	0.326	-9.74	134	0.952	-0.43	226	0.952	-0.43	318	0.326	-9.74
44	0.352	-9.07	136	0.946	-0.48	228	0.957	-0.38	320	0.302	-10.40
46	0.379	-8.43	138	0.941	-0.53	230	0.963	-0.33	322	0.280	-11.06
48	0.407	-7.81	140	0.936	-0.57	232	0.968	-0.28	324	0.260	-11.70
50	0.437	-7.19	142	0.932	-0.61	234	0.973	-0.24	326	0.243	-12.29
52	0.466	-6.63	144	0.928	-0.65	236	0.978	-0.19	328	0.229	-12.80
54	0.497	-6.07	146	0.924	-0.69	238	0.983	-0.15	330	0.218	-13.23
56	0.527	-5.56	148	0.920	-0.72	240	0.988	-0.10	332	0.210	-13.56
58	0.558	-5.07	150	0.917	-0.75	242	0.992	-0.07	334	0.206	-13.72
60	0.588	-4.61	152	0.914	-0.78	244	0.995	-0.04	336	0.204	-13.81
62	0.619	-4.17	154	0.911	-0.81	246	0.997	-0.03	338	0.205	-13.76
64	0.648	-3.77	156	0.909	-0.83	248	0.999	-0.01	340	0.207	-13.68
66	0.677	-3.39	158	0.907	-0.85	250	1.000	0.00	342	0.211	-13.51
68	0.706	-3.02	160	0.905	-0.87	252	1.000	0.00	344	0.216	-13.31
70	0.733	-2.70	162	0.904	-0.88	254	0.998	-0.02	346	0.222	-13.07
72	0.760	-2.38	164	0.903	-0.89	256	0.996	-0.03	348	0.227	-12.88
74	0.785	-2.10	166	0.902	-0.90	258	0.992	-0.07	350	0.232	-12.69
76	0.809	-1.84	168	0.901	-0.91	260	0.987	-0.11	352	0.236	-12.54
78	0.832	-1.60	170	0.900	-0.92	262	0.981	-0.17	354	0.240	-12.40
80	0.854	-1.37	172	0.900	-0.92	264	0.973	-0.24	356	0.242	-12.32
82	0.874	-1.17	174	0.900	-0.92	266	0.963	-0.33	358	0.244	-12.25
84	0.893	-0.98	176	0.899	-0.92	268	0.952	-0.43	360	0.245	-12.22
86	0.910	-0.82	178	0.899	-0.92	270	0.940	-0.54			
88	0.925	-0.68	180	0.899	-0.92	272	0.925	-0.68			
90	0.940	-0.54	182	0.899	-0.92	274	0.910	-0.82			

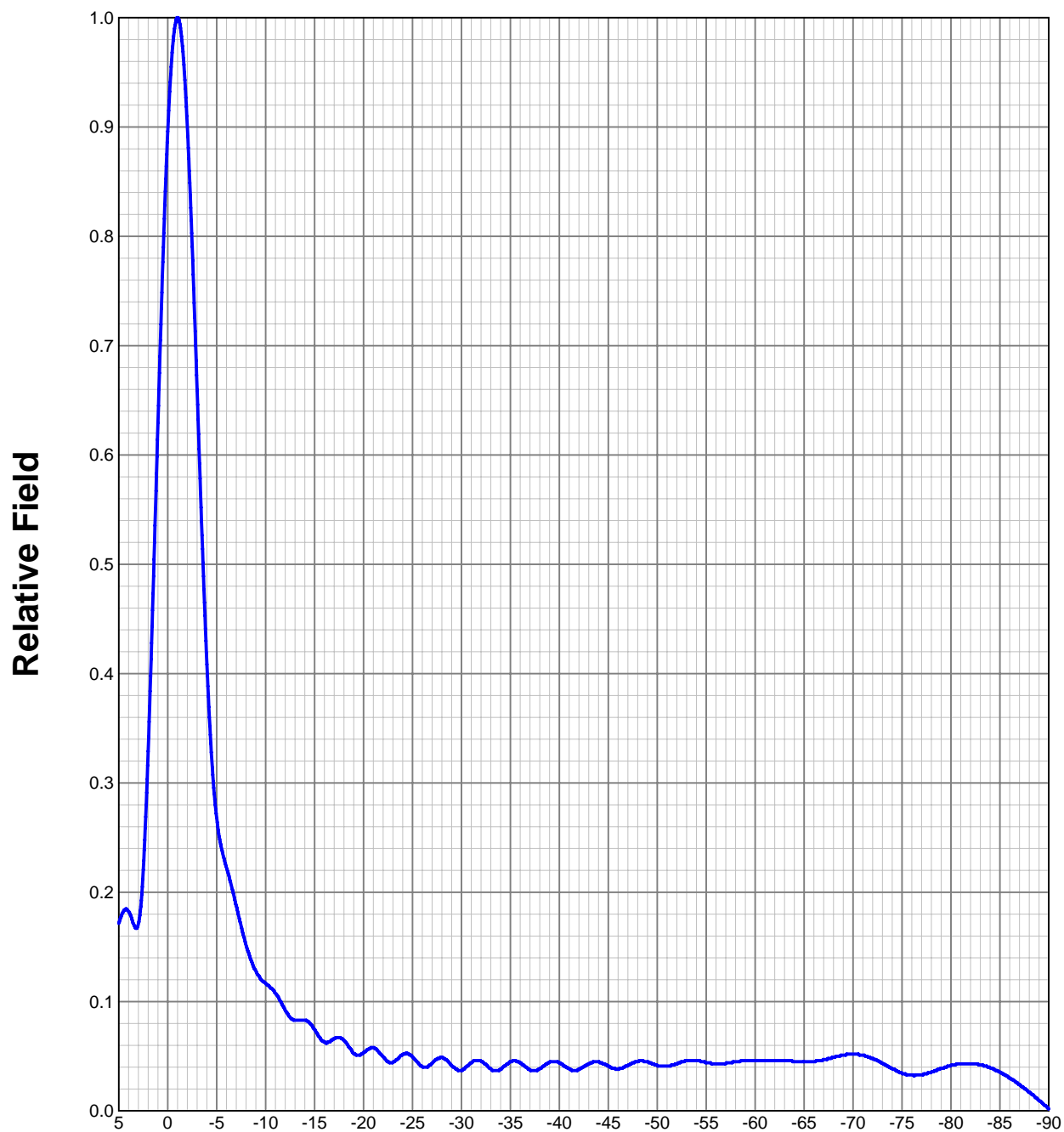


## TABULATED DATA FOR AZIMUTH PATTERN FCC FILING FORMAT

Type ATW-C170

Polarization Horizontal

ANGLE	FIELD	ERP (kW)	ERP (dBk)
0	0.245	24.010	13.804
10	0.232	21.530	13.330
20	0.207	17.140	12.340
30	0.218	19.010	12.790
40	0.302	36.482	15.621
50	0.437	76.388	18.830
60	0.588	138.298	21.408
70	0.733	214.916	23.323
80	0.854	291.726	24.650
90	0.940	353.440	25.483
100	0.987	389.668	25.907
110	1.000	400.000	26.021
120	0.988	390.458	25.916
130	0.963	370.948	25.693
140	0.936	350.438	25.446
150	0.917	336.356	25.268
160	0.905	327.610	25.154
170	0.900	324.000	25.105
180	0.899	323.280	25.096
190	0.900	324.000	25.105
200	0.905	327.610	25.154
210	0.917	336.356	25.268
220	0.936	350.438	25.446
230	0.963	370.948	25.693
240	0.988	390.458	25.916
250	1.000	400.000	26.021
260	0.987	389.668	25.907
270	0.940	353.440	25.483
280	0.854	291.726	24.650
290	0.733	214.916	23.323
300	0.588	138.298	21.408
310	0.437	76.388	18.830
320	0.302	36.482	15.621
330	0.218	19.010	12.790
340	0.207	17.140	12.340
350	0.232	21.530	13.330

**ELEVATION PATTERN****Type:****ATW16HS4H****Channel:****32****Directivity:****Numeric****dBd****Location:****WUNL-DT****Main Lobe:****16.00****12.04****Beam Tilt:****-1.00****Horizontal:****12.85****11.09****Polarization:****Horizontal**

## TABULATED DATA FOR ELEVATION PATTERN

Type: ATW16HS4H  
Polarization: Horizontal

ANGLEFIELD	dB	ANGLEFIELD	dB	ANGLEFIELD	dB	ANGLEFIELD	dB	ANGLEFIELD	dB
5.00	0.171	-15.31	-6.75	0.197	-14.11	-27.00	0.043	-27.23	-50.50
4.75	0.178	-14.99	-7.00	0.188	-14.54	-27.50	0.048	-26.47	-51.00
4.50	0.183	-14.75	-7.25	0.178	-14.99	-28.00	0.049	-26.20	-51.50
4.25	0.185	-14.66	-7.50	0.169	-15.44	-28.50	0.046	-26.65	-52.00
4.00	0.182	-14.77	-7.75	0.160	-15.92	-29.00	0.042	-27.64	-52.50
3.75	0.178	-14.99	-8.00	0.151	-16.39	-29.50	0.038	-28.40	-53.00
3.50	0.171	-15.34	-8.25	0.145	-16.77	-30.00	0.037	-28.64	-53.50
3.25	0.167	-15.55	-8.50	0.138	-17.20	-30.50	0.041	-27.85	-54.00
3.00	0.171	-15.34	-8.75	0.132	-17.59	-31.00	0.044	-27.13	-54.50
2.75	0.187	-14.56	-9.00	0.128	-17.86	-31.50	0.046	-26.74	-55.00
2.50	0.221	-13.13	-9.25	0.124	-18.13	-32.00	0.045	-26.84	-55.50
2.25	0.269	-11.40	-9.50	0.120	-18.38	-32.50	0.042	-27.43	-56.00
2.00	0.329	-9.66	-9.75	0.118	-18.56	-33.00	0.038	-28.29	-56.50
1.75	0.398	-8.00	-10.00	0.117	-18.67	-33.50	0.037	-28.64	-57.00
1.50	0.474	-6.49	-10.50	0.113	-18.98	-34.00	0.038	-28.40	-57.50
1.25	0.551	-5.18	-11.00	0.107	-19.37	-34.50	0.042	-27.64	-58.00
1.00	0.629	-4.02	-11.50	0.101	-19.96	-35.00	0.045	-26.94	-58.50
0.75	0.705	-3.04	-12.00	0.092	-20.72	-35.50	0.046	-26.74	-59.00
0.50	0.776	-2.20	-12.50	0.085	-21.36	-36.00	0.044	-27.13	-59.50
0.25	0.841	-1.50	-13.00	0.083	-21.62	-36.50	0.041	-27.85	-60.00
0.00	0.896	-0.95	-13.50	0.083	-21.62	-37.00	0.037	-28.52	-60.50
-0.25	0.941	-0.53	-14.00	0.083	-21.62	-37.50	0.037	-28.64	-61.00
-0.50	0.974	-0.23	-14.50	0.081	-21.88	-38.00	0.038	-28.29	-61.50
-0.75	0.993	-0.06	-15.00	0.074	-22.56	-38.50	0.042	-27.64	-62.00
-1.00	1.000	0.00	-15.50	0.068	-23.41	-39.00	0.044	-27.03	-62.50
-1.25	0.994	-0.05	-16.00	0.063	-24.01	-39.50	0.045	-26.94	-63.00
-1.50	0.974	-0.23	-16.50	0.063	-24.01	-40.00	0.044	-27.13	-63.50
-1.75	0.943	-0.51	-17.00	0.066	-23.61	-40.50	0.041	-27.74	-64.00
-2.00	0.901	-0.91	-17.50	0.067	-23.48	-41.00	0.038	-28.29	-64.50
-2.25	0.849	-1.42	-18.00	0.065	-23.81	-41.50	0.037	-28.64	-65.00
-2.50	0.790	-2.04	-18.50	0.058	-24.66	-42.00	0.038	-28.40	-65.50
-2.75	0.726	-2.78	-19.00	0.052	-25.60	-42.50	0.041	-27.85	-66.00
-3.00	0.659	-3.62	-19.50	0.051	-25.85	-43.00	0.043	-27.33	-66.50
-3.25	0.592	-4.55	-20.00	0.053	-25.43	-43.50	0.045	-26.94	-67.00
-3.50	0.526	-5.57	-20.50	0.057	-24.96	-44.00	0.045	-26.94	-67.50
-3.75	0.465	-6.65	-21.00	0.058	-24.73	-44.50	0.043	-27.33	-68.00
-4.00	0.408	-7.78	-21.50	0.054	-25.27	-45.00	0.041	-27.74	-68.50
-4.25	0.360	-8.87	-22.00	0.050	-26.11	-45.50	0.039	-28.18	-69.00
-4.50	0.321	-9.87	-22.50	0.045	-26.94	-46.00	0.038	-28.40	-69.50
-4.75	0.290	-10.75	-23.00	0.044	-27.03	-46.50	0.040	-28.07	-70.00
-5.00	0.268	-11.44	-23.50	0.048	-26.47	-47.00	0.042	-27.64	-70.50
-5.25	0.251	-12.01	-24.00	0.051	-25.76	-47.50	0.044	-27.13	-71.00
-5.50	0.240	-12.40	-24.50	0.052	-25.60	-48.00	0.045	-26.94	-71.50
-5.75	0.231	-12.73	-25.00	0.050	-26.11	-48.50	0.046	-26.74	-72.00
-6.00	0.223	-13.05	-25.50	0.044	-27.03	-49.00	0.045	-26.94	-72.50
-6.25	0.215	-13.35	-26.00	0.041	-27.85	-49.50	0.043	-27.33	-73.00
-6.50	0.206	-13.72	-26.50	0.040	-27.96	-50.00	0.042	-27.64	-73.50