

TECHNICAL EXHIBIT  
AMENDMENT TO PENDING  
WSOC ANALOG LOSS AREA FILL-IN TRANSLATOR  
SHELBY, NORTH CAROLINA  
CH 30 9.0 KW (MAX-DA)

Technical Exhibit

The technical exhibit supports an application for a new analog loss area translator for WSOC. This translator will serve the Shelby, North Carolina area.

Summary of Proposed Facilities

Below is a tabulation of the proposed paired digital facility:

Channel:	30
Geographic Coordinates:	35° 13' 57" North Latitude
	81° 16' 35" West Longitude
Antenna Structure Registration:	1008247
Overall Tower Height:	82 meters
Ground Elevation:	482 meters
Radiation Center:	513 meters AMSL
	30 meters (100 feet) AGL
Antenna Type:	ERI, ALP16L3-30-HSW Pattern
	Cardioid
	14.1 dB (power gain 25.9)
Antenna Major Lobe Orientation:	240° True
Transmitter Power Output:	0.470 kilowatt (470 watts)
Emissions Mask:	Stringent
Transmission Line:	HJ7-50A (1-5/8" Air - 200 feet)
Maximum Effective Radiated Power:	9.0 kilowatts (9000 watts)

Figure 1 is a map depicting the proposed translator's contour and the WSOC analog and digital contours.

Post-Transition Allocation Considerations

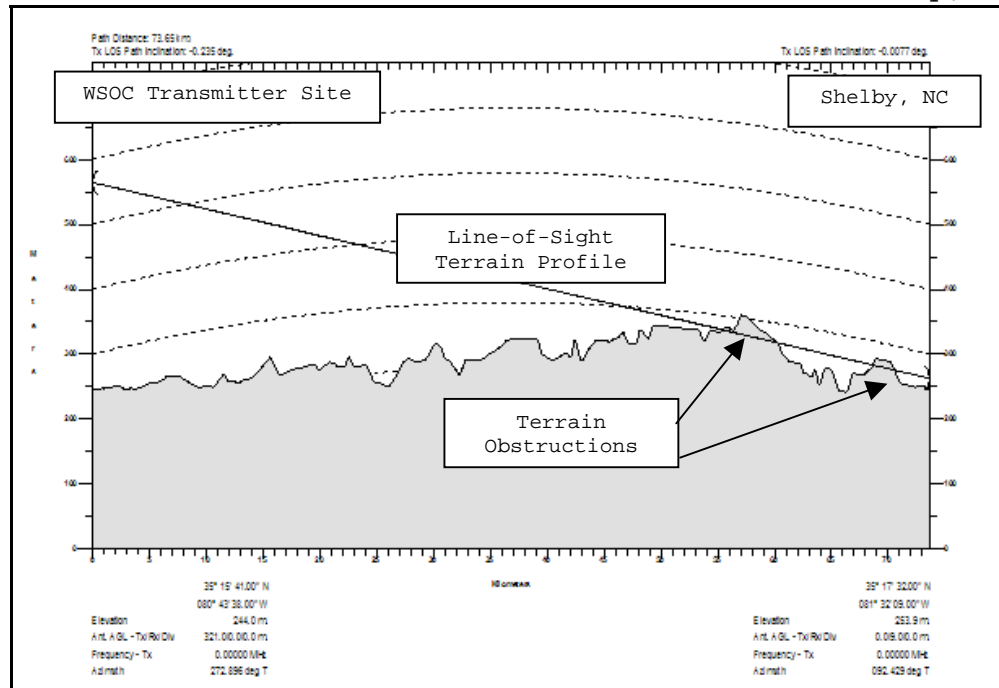
A study has been conducted to assure that the proposal will not create prohibited interference with other post-transition licensed, authorized or pending analog or digital TV, LPTV/translator and Class A TV stations. Using the procedures outlined in the FCC's OET-69 Bulletin, no prohibitive interference is predicted to be caused to any other station as shown by the results provided in Figure 2.

Justification for Replacement Service Translator

The coverage area from the herein proposed translator This area has been determined by the WSOC technical personnel to be an actual loss area, where households were able to receive WSOC prior to the transition, but after the transition, can no longer receive WSOC. This loss area justification has been verified by (1) examination of the terrain from the main WSOC transmitter site into the community of Shelby, North Carolina and (2) the response the station has received concerning lack of WSOC-DT reception in the Shelby area.

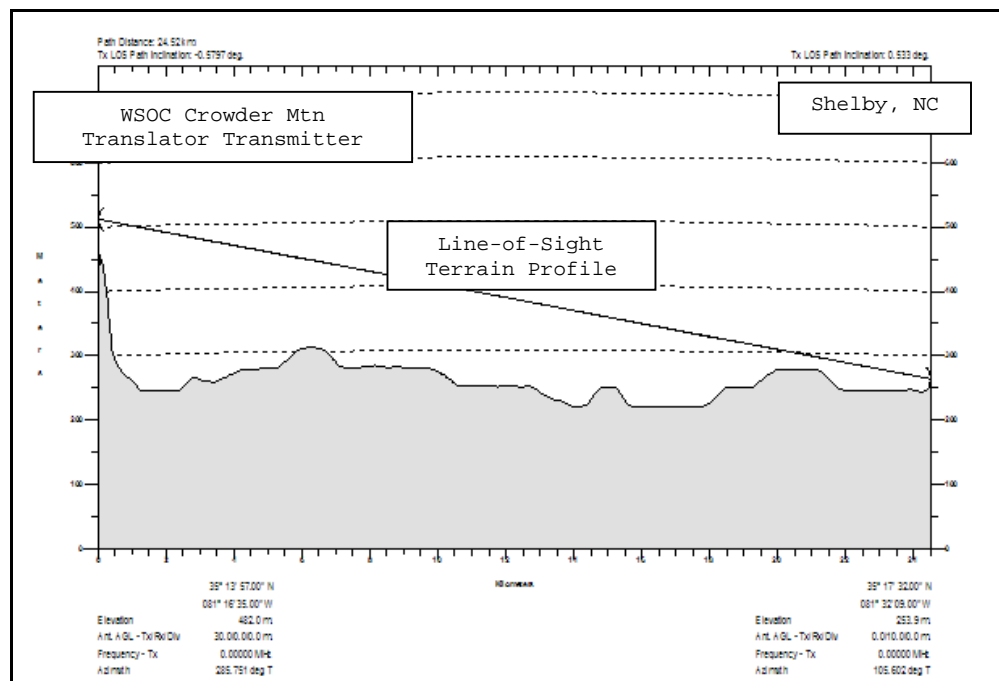
WSOC-DT station personnel have received numerous emails and telephone calls from the Shelby area after the digital transition. These communications from viewers indicated they were able to receive WSOC in the analog mode prior to the transition but unable to receive WSOC in digital mode after the transition.

Analysis of the terrain profile from the WSOC main transmitter site into the community of Shelby shows that two terrain obstructions are present. These terrain obstructions cause substantial attenuation of the WSOC signal, causing the digital signal to not be as reliable to some viewers. These terrain obstructions are shown by the below graph.



Line-of-Sight Profile #1. WSOC Transmitter Site to Shelby, NC.

Analysis of the terrain profile from the proposed WSOC translator located atop Crowder Mtn into the community of Shelby shows that no terrain obstructions are present and therefore, the translator will provide improved reception of WSOC into Shelby. This is shown by the below graph.



Line-of-Sight Profile #2. Proposed Translator Transmitter Site to Shelby, NC.

Radiofrequency Electromagnetic Field Exposure

The proposed facilities were evaluated in terms of potential radio frequency (RF) energy exposure at ground level to workers and the general public. The radiation center for the antenna is located 30 meters above ground level. The proposed ERP of 9.0 kW is assumed. A conservative relative field value of 0.25 was assumed for the ERI antenna's downward radiation. The calculated power density at ground level is 0.02 mW/cm<sup>2</sup>. This is 5% of the FCC's recommended limit of 0.38 mW/cm<sup>2</sup> for channel 30 for an "uncontrolled" environment.

Access to the transmitting site will be 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.

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 as part of the tower registration process.

Charles A. Cooper

du Treil, Lundin & Rackley, Inc.

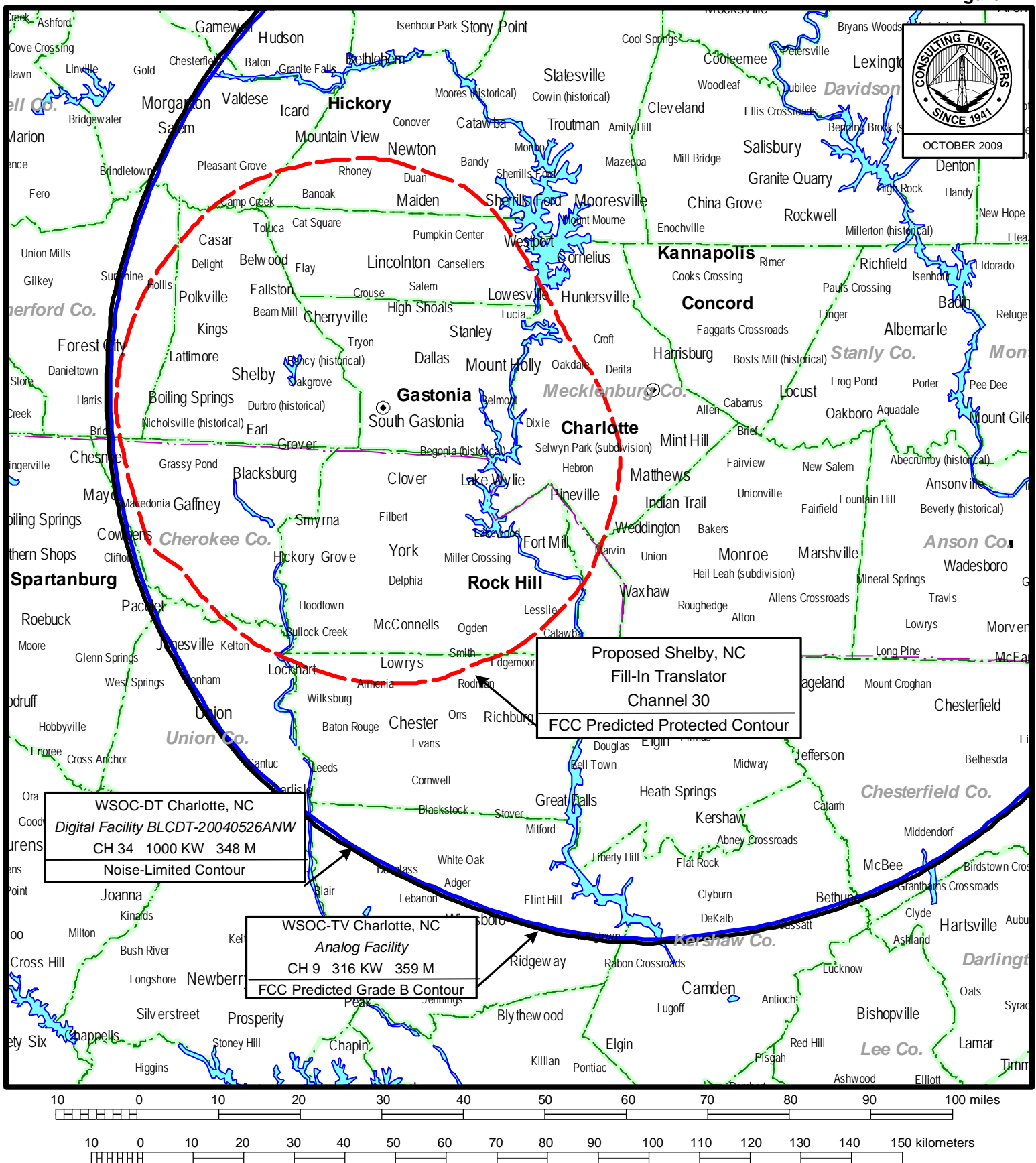
201 Fletcher Avenue

Sarasota, Florida 34237

(941) 329-6000

October 1, 2009

Figure 1



# **PROPOSED WSOC ANALOG LOSS AREA REPLACEMENT TRANSLATOR** **TELEVISION STATION WSOC-DT** **REPLACEMENT TRANSLATOR SHELBY, NORTH CAROLINA** **CHANNEL 30**

du Treil, Lundin & Rackley, Inc Sarasota, Florida

TECHNICAL EXHIBIT  
AMENDMENT TO PENDING  
WSOC ANALOG LOSS AREA FILL-IN TRANSLATOR  
SHELBY, NORTH CAROLINA  
CH 30 9.0 KW (MAX-DA)

Post-Transition OET-69 Allocation Analysis

Census data selected: 2000

Post DTV Transition Database Selected

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 10-05-2009 Time: 10:46:09

Record Selected for Analysis

WSOC USERRECORD-01 SHELBY NC US  
Channel 30 ERP 9. kW HAAT 264. m RCAMSL 00512 m STRINGENT MASK  
Latitude 035-13-57 Longitude 0081-16-35  
Status APP Zone 2 Border  
Dir Antenna Make CDB Model 00000000016378 Beam tilt N Ref Azimuth 240.  
Last update Cutoff date Docket  
Comments  
Applicant

Cell Size for Service Analysis 1.0 km/side

Distance Increments for Longley-Rice Analysis 1.00 km

Not full service station

Facility meets maximum power limit

Azimuth (Deg)	ERP (kW)	HAAT (m)	51.0 dBu F(50,90) (km)
0.0	4.162	257.9	46.4
45.0	0.693	284.6	38.1
90.0	1.418	289.7	42.2
135.0	5.782	301.0	50.3
180.0	8.821	275.9	51.3
225.0	8.433	218.6	47.9
270.0	7.701	252.6	49.3
315.0	8.750	231.9	48.8

Contour Overlap to Proposed Station

Contour Overlap Evaluation to Proposed Station Complete

Proposed facility OK to FCC Monitoring Stations

Proposed facility OK toward West Virginia quiet zone

Proposed facility OK toward Table Mountain

Proposed facility is beyond the Canadian coordination distance

Proposed facility is beyond the Mexican coordination distance

Figure 2

Proposed station is OK toward AM broadcast stations

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#### Start of Interference Analysis

Channel	Proposed Station Call	City/State	ARN
30	WSOC	SHELBY NC	USERRECORD01

#### Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
16	W16CF	CHARLOTTE NC	53.6	LIC	BLTT	-20041025ACE
23	W23BQ	ASHEVILLE, ETC. NC	107.0	LIC	BLTT	-20000222ABJ
23	W23BQ	ASHEVILLE, ETC. NC	107.0	CP	BP TTL	-20051115ABJ
27	W27AX	LAKE LURE NC	91.4	LIC	BLTT	-19931006ID
28	WGTB-LP	CHARLOTTE NC	53.6	LIC	BL TTL	-20000615AGB
29	W08AO	CANTON LAKE NC	152.4	APP	BDISDTT	-20090928ACC
29	WXLV-TV	WINSTON-SALEM NC	149.1	CP	BPCDT	-19991101ACF
30	WTBS-LD	ATLANTA GA	322.1	CP MOD	BMPDTL	-20090409ATL
30	WAGT	AUGUSTA GA	209.4	LIC	BLCDT	-20030530AON
30	W30CR	BISCOE NC	131.0	LIC	BLTT	-20090114AAM
30	W35AV	BLACK MOUNTAIN NC	107.0	CP	BDISDTT	-20060330AEX
30	W35AV	BLACK MOUNTAIN NC	107.0	APP	BDISDTT	-20090824ACP
30	WUNC-TV	RALEIGH NC	253.0	CP	BDRTET	-20090428AAD
30	WSFX-TV	WILMINGTON NC	307.6	CP	BPCDT	-20080929AGO
30	WSFX-TV	WILMINGTON NC	307.6	LIC	BLCDT	-20070213AAS
30	W30CS-D	ZIONVILLE NC	125.5	LIC	BLDTT	-20090615AAL
30	W30CV-D	HILTON HEAD ISLAND SC	345.4	CP	BDCCDTL	-20061030AFX
30	WVLT-TV	KNOXVILLE TN	256.6	LIC	BLCDT	-20040420AAF
30	WVLT-TV	KNOXVILLE TN	256.6	CP	BPCDT	-20080618AAM
30	WSLS-TV	ROANOKE VA	241.0	CP	BPCDT	-20080619ABS
31	W31DH-D	FRANKLIN, ETC NC	187.2	LIC	BLDTT	-20090615AAP
31	W31AZ	HENDERSONVILLE NC	105.2	LIC	BL TTL	-19940525JJ
31	W31AZ	HENDERSONVILLE NC	105.2	CP	BD FCDTL	-20060403AQZ
31	W31DI-D	SPRUCE PINE NC	103.9	LIC	BLDTT	-20090506ABZ
31	WXII-TV	WINSTON-SALEM NC	150.8	LIC	BLCDT	-20050627AAU
31	WCCB	LANCASTER SC	49.6	APP	BDRTCDT	-20090825BTA
31	W31BS	ORANGEBURG SC	164.6	LIC	BL TTL	-19980529JJ
31	WAPW-CA	ABINGDON VA	190.7	LIC	BL TTA	-20030618AAZ
38	W38CN	CHARLOTTE NC	15.9	LIC	BLTT	-20011026AAF

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#### Analysis of Interference to Affected Station 1

##### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
16	W16CF	CHARLOTTE NC	BLTT	-20041025ACE

#### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
14	WGFX	BURLINGTON NC	144.6	PLN	DTVPLN	-DTVP0497
14	WGFX-TV	BURLINGTON NC	144.6	CP	BPCDT	-20080620AFW
14	WGFX-TV	BURLINGTON NC	144.6	LIC	BLCDT	-20060418ADO
15	NEW	FLORENCE SC	158.3	APP	BNPDTL	-20090825AZJ
15	NEW	MYRTLE BEACH SC	158.3	APP	BNPDTL	-20090825AAU
15	WNSC-TV	ROCK HILL SC	54.9	LIC	BLEDT	-20060111AAK
15	WNSC-TV	ROCK HILL SC	54.9	PLN	DTVPLN	-DTVP0540
15	W43BO	MARION VA	198.9	APP	BDISDTL	-20090910AAZ
16	WYGA-LD	ATLANTA GA	375.8	LIC	BLDTL	-20090904ABS
16	WBK-CA	AUGUSTA GA	233.2	CP	BD FCDTA	-20080805AAU
16	WGXA	MACON GA	384.0	LIC	BLCDT	-20070501AAI
16	WGXA	MACON GA	384.0	PLN	DTVPLN	-DTVP0555
16	WKHA	HAZARD KY	311.2	LIC	BLEDT	-20020205AAW
16	WKHA	HAZARD KY	311.2	PLN	DTVPLN	-DTVP0561
16	WPDE-TV	FLORENCE SC	158.3	LIC	BLCDT	-20030121ADB
16	WPDE-TV	FLORENCE SC	158.3	PLN	DTVPLN	-DTVP0574

Figure 2

16	WPDE-TV	FLORENCE SC	158.1	CP	BPCDT	-20080317AHU
16	WGGG-TV	GREENVILLE SC	160.6	PLN	DTVPLN	-DTVP0575
16	WGGG-TV	GREENVILLE SC	160.6	CP	BPCDT	-20080317AGV
16	WGGG-TV	GREENVILLE SC	160.6	APP	BMPCDT	-20080619AAM
16	WDTT-LD	KNOXVILLE TN	306.7	CP	BDCCDTL	-20081215AAT
16	WVAW-LD	CHARLOTTESVILLE VA	361.8	LIC	BLDTL	-20090218AEG
16	NEW	SUMMERSVILLE WV	345.4	APP	BNPDTL	-20090825BLP
17	WLTX	COLUMBIA SC	128.6	PLN	DTVPLN	-DTVP0613
17	WLTX	COLUMBIA SC	128.6	LIC	BLCDT	-20050701AAC
19	WCWG	LEXINGTON NC	103.7	PLN	DTVPLN	-DTVP0682
19	WCWG	LEXINGTON NC	103.7	LIC	BLCDT	-20070418ACV
23	WBTW	CHARLOTTE NC	47.1	LIC	BLCDT	-19991025AEB
23	WBTW	CHARLOTTE NC	47.1	PLN	DTVPLN	-DTVP0844
31	WXII-TV	WINSTON-SALEM NC	128.0	LIC	BLCDT	-20050627AAU
31	WXII-TV	WINSTON-SALEM NC	128.0	PLN	DTVPLN	-DTVP1146
31	WCCB	LANCASTER SC	54.9	APP	BDRTCDT	-20090825BTA
30	WSOC	SHELBY NC	53.6	APP	USERRECORD-01	

Proposal causes no interference

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#### Analysis of Interference to Affected Station 2

##### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
23	W23BQ	ASHEVILLE, ETC. NC	BLTT	-20000222ABJ

##### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
16	WGGG-TV	GREENVILLE SC	69.8	PLN	DTVPLN	-DTVP0575
16	WGGG-TV	GREENVILLE SC	69.8	CP	BPCDT	-20080317AGV
16	WGGG-TV	GREENVILLE SC	69.8	APP	BMPCDT	-20080619AAM
21	WHNS	GREENVILLE SC	50.7	APP	BMPCDT	-20080619AFO
21	WHNS	GREENVILLE SC	50.7	PLN	DTVPLN	-DTVP0774
21	WHNS	GREENVILLE SC	50.7	CP	BPCDT	-20080225ABE
22	NEW	ATHENS GA	203.9	APP	BNPDTL	-20090825AJU
22	WCNC-TV	CHARLOTTE NC	112.5	LIC	BLCDT	-20031211ABN
22	WCNC-TV	CHARLOTTE NC	112.5	PLN	DTVPLN	-DTVP0806
22	WCNC-TV	CHARLOTTE NC	112.5	APP	BPCDT	-20080617AEH
23	WJSP-TV	COLUMBUS GA	369.4	LIC	BLEDT	-20080521AAH
23	WJSP-TV	COLUMBUS GA	369.4	PLN	DTVPLN	-DTVP0832
23	NEW	DUBLIN GA	342.0	APP	BNPDTL	-20090825AID
23	WGGD-LP	GAINESVILLE GA	213.3	CP MOD	BMPDTL	-20080818ADC
23	W23DM-D	FALMOUTH KY	385.3	LIC	BLDTT	-20080815ABC
23	WBTW	CHARLOTTE NC	110.7	LIC	BLCDT	-19991025AEB
23	WBTW	CHARLOTTE NC	110.7	PLN	DTVPLN	-DTVP0844
23	NEW	MYRTLE BEACH SC	308.6	APP	BNPDTL	-20090825AZR
23	W31BS	ORANGEBURG SC	239.4	CP	BDISDTA	-20060703ABW
23	WPXK-TV	JELLLICO TN	148.7	CP	BPCDT	-20080620AGZ
23	WPXK	JELLLICO TN	180.5	PLN	DTVPLN	-DTVP0853
23	WPXK-TV	JELLLICO TN	180.5	LIC	BLCDT	-20020510AAJ
23	W18BG	DANVILLE VA	299.0	CP	BDISDTT	-20060331BHB
23	WJDG-LP	GRUNDY VA	194.6	LIC	BLTTL	-20081202ADP
23	WSAZ-TV	HUNTINGTON WV	327.4	PLN	DTVPLN	-DTVP0862
23	WSAZ-TV	HUNTINGTON WV	327.4	CP MOD	BMPCDT	-20090416AWL
25	WUNF-TV	ASHEVILLE NC	37.3	LIC	BLEDT	-20030401BAI
25	WUNF-TV	ASHEVILLE NC	37.3	PLN	DTVPLN	-DTVP0921
25	WUNF-TV	ASHEVILLE NC	37.3	CP	BPEDT	-20080619AEH
27	WUNW	CANTON NC	47.3	CP	BPEDT	-20080402AAN
27	WUNW	CANTON NC	47.3	APP	BMPEDT	-20080929AHM
27	WKPT-TV	KINGSPORT TN	98.5	PLN	DTVPLN	-DTVP1008
27	WKPT-TV	KINGSPORT TN	98.5	CP MOD	BMPCDT	-20050303AAJ
38	W38CN	CHARLOTTE NC	112.5	CP	BDFTCDT	-20060328ADI
38	WEMT	GREENEVILLE TN	58.8	LIC	BLCDT	-20050606AHR
38	WEMT	GREENEVILLE TN	58.8	PLN	DTVPLN	-DTVP1376
38	WEMT	GREENEVILLE TN	101.1	CP	BPCDT	-20090521ADA
30	WSOC	SHELBY NC	107.0	APP	USERRECORD-01	

Proposed station is beyond the site to  
nearest cell evaluation distance



Figure 2

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### Analysis of Interference to Affected Station 3

#### Analysis of current record

Channel	Call	City/State	Application Ref. No.
23	W23BQ	ASHEVILLE, ETC. NC	BPTTL -20051115ABJ

#### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
16	WGGS-TV	GREENVILLE SC	69.8	PLN	DTVPLN -DTVP0575
16	WGGS-TV	GREENVILLE SC	69.8	CP	BPCDT -20080317AGV
16	WGGS-TV	GREENVILLE SC	69.8	APP	BMPCDT -20080619AAM
21	WHNS	GREENVILLE SC	50.7	APP	BMPCDT -20080619AFO
21	WHNS	GREENVILLE SC	50.7	PLN	DTVPLN -DTVP0774
21	WHNS	GREENVILLE SC	50.7	CP	BPCDT -20080225ABE
22	NEW	ATHENS GA	203.9	APP	BNPDTL -20090825AJU
22	WCNC-TV	CHARLOTTE NC	112.5	LIC	BLCDT -20031211ABN
22	WCNC-TV	CHARLOTTE NC	112.5	PLN	DTVPLN -DTVP0806
22	WCNC-TV	CHARLOTTE NC	112.5	APP	BPCDT -20080617AEH
23	WJSP-TV	COLUMBUS GA	369.4	LIC	BLEDT -20080521AAH
23	WJSP-TV	COLUMBUS GA	369.4	PLN	DTVPLN -DTVP0832
23	NEW	DUBLIN GA	342.0	APP	BNPDTL -20090825AID
23	WGGD-LP	GAINESVILLE GA	213.3	CP MOD	BMPTTL -20080818ADC
23	W23DM-D	FALMOUTH KY	385.3	LIC	BLDTT -20080815ABC
23	WBTW	CHARLOTTE NC	110.7	LIC	BLCDT -19991025AEB
23	WBTW	CHARLOTTE NC	110.7	PLN	DTVPLN -DTVP0844
23	NEW	MYRTLE BEACH SC	308.6	APP	BNPDTL -20090825AZR
23	W31BS	ORANGEBURG SC	239.4	CP	BDISDTA -20060703ABW
23	WPXK-TV	JELLYCO TN	148.7	CP	BPCDT -20080620AGZ
23	WPXK	JELLYCO TN	180.5	PLN	DTVPLN -DTVP0853
23	WPXK-TV	JELLYCO TN	180.5	LIC	BLCDT -20020510AAJ
23	W18BG	DANVILLE VA	299.1	CP	BDISDTT -20060331BHB
23	WJDG-LP	GRUNDY VA	194.6	LIC	BLTTL -20081202ADP
23	WSAZ-TV	HUNTINGTON WV	327.4	PLN	DTVPLN -DTVP0862
23	WSAZ-TV	HUNTINGTON WV	327.4	CP MOD	BMPCDT -20090416AWL
25	WUNF-TV	ASHEVILLE NC	37.3	LIC	BLEDT -20030401BAI
25	WUNF-TV	ASHEVILLE NC	37.3	PLN	DTVPLN -DTVP0921
25	WUNF-TV	ASHEVILLE NC	37.3	CP	BPEDT -20080619AEH
27	WUNW	CANTON NC	47.3	CP	BPEDT -20080402AAN
27	WUNW	CANTON NC	47.3	APP	BMPEDT -20080929AHM
27	WKPT-TV	KINGSPORT TN	98.5	PLN	DTVPLN -DTVP1008
27	WKPT-TV	KINGSPORT TN	98.5	CP MOD	BMPCDT -20050303AAJ
38	W38CN	CHARLOTTE NC	112.5	CP	BDFCDTT -20060328ADI
38	WEMT	GREENEVILLE TN	58.8	LIC	BLCDT -20050606AHR
38	WEMT	GREENEVILLE TN	58.8	PLN	DTVPLN -DTVP1376
38	WEMT	GREENEVILLE TN	101.1	CP	BPCDT -20090521ADA
30	WSOC	SHELBY NC	107.0	APP	USERRECORD-01

Proposed station is beyond the site to  
nearest cell evaluation distance

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### Analysis of Interference to Affected Station 4

#### Analysis of current record

Channel	Call	City/State	Application Ref. No.
27	W27AX	LAKE LURE NC	BLTT -19931006ID

#### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
23	WBTW	CHARLOTTE NC	97.0	LIC	BLCDT -19991025AEB
23	WBTW	CHARLOTTE NC	97.0	PLN	DTVPLN -DTVP0844
24	WNEG-TV	TOCCOA GA	136.2	CP MOD	BMPCDT -20080410ABJ
24	WNEG-TV	TOCCOA GA	136.2	PLN	DTVPLN -DTVP0872

Figure 2

25	WUNF-TV	ASHEVILLE NC	45.5	LIC	BLEDT	-20030401BAI
25	WUNF-TV	ASHEVILLE NC	45.5	PLN	DTVPLN	-DTVP0921
25	WUNF-TV	ASHEVILLE NC	45.5	CP	BPEDT	-20080619AEH
26	NEW	ATHENS GA	191.0	APP	BNPDTL	-20090825AJL
26	NEW	AUGUSTA GA	202.0	APP	BNPDTL	-20090825ADX
26	NEW	HELEN GA	154.0	APP	BNPDTL	-20090903ADM
26	WCCB	SHELBY NC	91.4	APP	BDRTCDT	-20090824AHZ
27	W27CV	SCOTTSBORO AL	352.8	CP	BDFCDTT	-20060330AMK
27	WAGA	ATLANTA GA	262.9	PLN	DTVPLN	-DTVP0986
27	WAGA-TV	ATLANTA GA	262.9	LIC	BLCDT	-20060728AEL
27	NEW	AUGUSTA GA	202.0	APP	BNPDTL	-20090825BBM
27	NEW	AUGUSTA GA	235.2	APP	BNPDTL	-20090825ACT
27	WUNW	CANTON NC	61.0	CP	BPEDT	-20080402AAN
27	WUNW	CANTON NC	61.0	APP	BMPEDT	-20080929AHM
27	W27AB	CANTON, ETC. NC	61.0	LIC	BLTT	-1989
27	WCCB	CHARLOTTE NC	139.0	LIC	BLCDT	-20020227AAZ
27	WCCB	CHARLOTTE NC	139.0	PLN	DTVPLN	-DTVP0995
27	W27BD	HIGHLANDS NC	97.6	LIC	BLTT	-20060222ABG
27	WLFL	RALEIGH NC	338.1	PLN	DTVPLN	-DTVP0996
27	WLFL	RALEIGH NC	338.1	CP MOD	BMPCDT	-20080620AJP
27	W27DB-D	SHALLOTTE NC	390.0	CP	BDCCDTL	-20061027AFS
27	WSQY-LD	GREENVILLE SC	56.1	CP	BDCCDTL	-20061023AFR
27	NEW	MYRTLE BEACH SC	363.8	APP	BNPDTL	-20090825AVA
27	WKPT-TV	KINGSPORT TN	111.7	PLN	DTVPLN	-DTVP1008
27	WKPT-TV	KINGSPORT TN	111.8	CP MOD	BMPCDT	-20050303AAJ
27	WKXE-LD	KNOXVILLE TN	165.2	CP	BDCCDTL	-20061030ANT
27	W31CA	CHARLESTON WV	331.1	CP	BDISDTT	-20060329ABP
28	W65DS	HONEA PATH SC	56.3	CP	BDISDTL	-20060331BPN
28	WCYB-TV	BRISTOL VA	114.0	APP	BDRTCDT	-20090824ABQ
34	WSOC-TV	CHARLOTTE NC	139.8	LIC	BLCDT	-20040526ANW
34	WSOC-TV	CHARLOTTE NC	139.8	PLN	DTVPLN	-DTVP1257
41	WETP-TV	SNEEDVILLE TN	134.6	LIC	BLEDT	-20050916AAX
41	WETP-TV	SNEEDVILLE TN	134.6	PLN	DTVPLN	-DTVP1481
42	W42AX	BAKERSVILLE NC	67.2	CP	BDFCDTT	-20090818ABC
42	W42DF-D	CASHIERS NC	74.0	CP	BPDTT	-20090722AAB
42	W42DF-D	CASHIERS NC	83.2	LIC	BLDTT	-20090210ACA
42	W42DR-D	MARION NC	72.8	APP	BSTA	-20090519AAB
42	W42DR-D	MARION NC	72.8	LIC	BLDTT	-20090610ACD
30	WSOC	SHELBY NC	91.4	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.
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 -DTVP0995
27	WSQY-LD	GREENVILLE SC	160.6	CP	BDCCDTL -20061023AFR
28	NEW	MACON GA	383.7	APP	BNPDTL -20090825BST
28	NEW	MACON GA	383.8	APP	BNPDTL -20090825AWJ
28	NEW	WARNER ROBINS GA	384.0	APP	BNPDTL -20090825AFG
28	W28DD-D	LOUISA KY	361.0	LIC	BLDTT -20080919ABS
28	WRDC	DURHAM NC	200.3	CP MOD	BMPCDT -20080620AJU
28	WRDC	DURHAM NC	201.0	PLN	DTVPLN -DTVP1037
28	WTGS	HARDEEVILLE SC	361.5	CP	BPEDT -20080718AAH
28	WTGS	HARDEEVILLE SC	361.5	PLN	DTVPLN -DTVP1045
28	W65DS	HONEA PATH SC	160.6	CP	BDISDTL -20060331BPN
28	WRJA-TV	SUMTER SC	157.1	LIC	BLEDT -20040805ABA
28	WRJA-TV	SUMTER SC	157.1	PLN	DTVPLN -DTVP1046
28	WCYB-TV	BRISTOL VA	184.7	APP	BDRTCDT -20090824ABQ
28	W28DC-D	ROANOKE, ETC. VA	220.9	CP	BDCCDTL -20061019ACM
28	NEW	CEDARVILLE WV	386.4	APP	BNPDTT -20090825BED

Figure 2

29	W08AO	CANTON LAKE NC	204.2	APP	BDISDTT	-20090928ACC
29	WXLV-TV	WINSTON-SALEM NC	103.7	CP	BPCDT	-19991101ACF
29	WXLV-TV	WINSTON-SALEM NC	103.7	PLN	DTVPLN	-DTVP1070
31	WXII-TV	WINSTON-SALEM NC	128.0	LIC	BLCDT	-20050627AAU
31	WXII-TV	WINSTON-SALEM NC	128.0	PLN	DTVPLN	-DTVP1146
32	WUNL-TV	WINSTON-SALEM NC	128.0	CP	BPEDT	-20080617AAL
32	WUNL-TV	WINSTON-SALEM NC	128.2	PLN	DTVPLN	-DTVP1183
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	-DTVP1191
32	WRLK-TV	COLUMBIA SC	128.1	CP	BPEDT	-20080620ACO
43	WLXI	GREENSBORO NC	103.7	CP	BPCDT	-20080619AII
43	WLXI-TV	GREENSBORO NC	103.7	PLN	DTVPLN	-DTVP1544
43	WLXI	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	-DTVP1553
43	WRET-TV	SPARTANBURG SC	110.9	CP	BPEDT	-20080620ACI
30	WSOC	SHELBY NC	53.6	APP	USERRECORD-01	

Proposal causes no interference

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#### Analysis of Interference to Affected Station 6

##### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
29	W08AO	CANTON LAKE NC	BDISDTT	-20090928ACC

##### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
28	W65DS	HONEA PATH SC	83.0	CP	BDISDTL	-20060331BPN
28	NEW	MONTEREY TN	223.2	APP	BNPDTL	-20090826ABH
28	WCYB-TV	BRISTOL VA	121.5	APP	BDRTCDT	-20090824ABQ
29	WMJN-LP	SOMERVILLE AL	377.4	CP	BDFCDTL	-20061102ABY
29	NEW	ATHENS GA	190.9	APP	BNPDTL	-20090825AJG
29	WANN-CA	ATLANTA GA	235.5	APP	BSTA	-20090309ACN
29	WANN-LD	ATLANTA GA	235.5	CP MOD	BMPDTL	-20090727AGG
29	WANN-CA	ATLANTA GA	235.5	APP	BDISDTL	-20090302AEH
29	NEW	COLUMBUS GA	397.6	APP	BNPDTL	-20090827ACI
29	NEW	COLUMBUS GA	388.4	APP	BNPDTL	-20090825ABG
29	NEW	MACON GA	322.8	APP	BNPDTT	-20090825BMS
29	NEW	WARNER ROBINS GA	319.0	APP	BNPDTL	-20090825AFA
29	NEW	BOWLING GREEN KY	355.0	APP	BNPDTL	-20090825BHZ
29	NEW	GLASGOW KY	324.1	APP	BNPDTL	-20090825AQM
29	W29DE-D	HAYESVILLE NC	107.1	LIC	BLDTT	-20090210AAS
29	WXLV-TV	WINSTON-SALEM NC	280.2	CP	BPCDT	-19991101ACF
29	WXLV-TV	WINSTON-SALEM NC	280.2	PLN	DTVPLN	-DTVP1070
29	WAZS-LP	NORTH CHARLESTON SC	390.4	CP	BDCCDTL	-20061023AHR
29	WTCI	CHATTANOOGA TN	218.8	PLN	DTVPLN	-DTVP1084
29	WTCI	CHATTANOOGA TN	218.8	LIC	BLEDT	-20060629ACO
29	NEW	LEWISBURG TN	350.1	APP	BDCCDTL	-20061030AFW
29	NEW	WELCH WV	238.0	APP	BNPDTT	-20090825BFJ
30	W35AV	BLACK MOUNTAIN NC	47.3	CP	BDISDTT	-20060330AEX
30	W35AV	BLACK MOUNTAIN NC	47.3	APP	BDISDTT	-20090824ACP
30	W30CS-D	ZIONVILLE NC	134.3	LIC	BLDTT	-20090615AAL
30	WVLT-TV	KNOXVILLE TN	105.9	LIC	BLCDT	-20040420AAF
30	WVLT-TV	KNOXVILLE TN	105.9	PLN	DTVPLN	-DTVP1113
30	WVLT-TV	KNOXVILLE TN	105.9	CP	BPCDT	-20080618AAM
30	WSOC	SHELBY NC	152.4	APP	USERRECORD-01	

Proposal causes no interference

#####

#### Analysis of Interference to Affected Station 7

##### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
29	WXLV-TV	WINSTON-SALEM NC	BPCDT	-19991101ACF

Figure 2

Stations Potentially Affecting This Station						
Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
28	WRDC	DURHAM NC	118.1	CP MOD	BMPCDT	-20080620AJU
28	WRDC	DURHAM NC	118.8	PLN	DTVPLN	-DTVP1037
28	WRJA-TV	SUMTER SC	224.5	LIC	BLEDT	-20040805ABA
28	WRJA-TV	SUMTER SC	224.5	PLN	DTVPLN	-DTVP1046
29	WUNJ-TV	WILMINGTON NC	224.9	CP	BPEDT	-20080616ACA
29	WUNJ-TV	WILMINGTON NC	224.9	PLN	DTVPLN	-DTVP1069
29	WUNJ-TV	WILMINGTON NC	224.9	LIC	BLEDT	-20060612ABO
29	WVBT	VIRGINIA BEACH VA	314.9	LIC	BLCDT	-20020326ABB
29	WVBT	VIRGINIA BEACH VA	314.9	PLN	DTVPLN	-DTVP1089
29	WVBT	VIRGINIA BEACH VA	314.9	CP	BPCDT	-20080619AJD
30	WSLS-TV	ROANOKE VA	151.0	PLN	DTVPLN	-DTVP1118
30	WSLS-TV	ROANOKE VA	151.0	CP	BPCDT	-20080619ABS
30	WSOC	SHELBY NC	149.1	APP	USERRECORD-01	

Total scenarios = 72

Result key: 1  
 Scenario 1 Affected station 7 WXLV-TV  
 Before Analysis

Results for: 29A NC WINSTON-SALEM BPCDT 19991101ACF CP  
 HAAT 576.0 m, ATV ERP 990.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3680070	39749.5
not affected by terrain losses	3653803	39001.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	255942	2042.8
lost to ATV IX only	255942	2042.8
lost to all IX	255942	2042.8

Potential Interfering Stations Included in above Scenario 1

28A NC DURHAM	BMPCDT	20080620AJU	CP
29A NC WILMINGTON	BPEDT	20080616ACA	CP
29A VA VIRGINIA BEACH	BLCDT	20020326ABB	LIC
30A VA ROANOKE	DTVPLN	DTVP1118	PLN

After Analysis

Results for: 29A NC WINSTON-SALEM BPCDT 19991101ACF CP  
 HAAT 576.0 m, ATV ERP 990.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3680070	39749.5
not affected by terrain losses	3653803	39001.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	271542	2090.3
lost to ATV IX only	271542	2090.3
lost to all IX	271542	2090.3

Potential Interfering Stations Included in above Scenario 1

28A NC DURHAM	BMPCDT	20080620AJU	CP
29A NC WILMINGTON	BPEDT	20080616ACA	CP
29A VA VIRGINIA BEACH	BLCDT	20020326ABB	LIC
30A VA ROANOKE	DTVPLN	DTVP1118	PLN
30A NC SHELBY	USERRECORD01		APP

Percent new IX = 0.4591%

Worst case new IX 0.4892% Scenario 11

#####

Analysis of Interference to Affected Station 8

Analysis of current record

Figure 2

Channel	Call	City/State	Application	Ref. No.
30	WTBS-LD	ATLANTA GA	BMPDTL	-20090409ATL

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
29	NEW	ATHENS GA	115.0	APP	BNPDTL	-20090825AJG
29	WANN-CA	ATLANTA GA	0.0	APP	BSTA	-20090309ACN
29	WANN-LD	ATLANTA GA	0.0	CP MOD	BMPDTL	-20090727AGG
29	WANN-CA	ATLANTA GA	0.0	APP	BDISDTL	-20090302AEH
29	NEW	COLUMBUS GA	163.3	APP	BNPDTL	-20090827ACI
29	NEW	COLUMBUS GA	156.0	APP	BNPDTL	-20090825ABG
29	NEW	MACON GA	131.4	APP	BNPDTT	-20090825BMS
29	NEW	WARNER ROBINS GA	138.1	APP	BNPDTL	-20090825AFA
29	W29DE-D	HAYESVILLE NC	139.6	LIC	BLDTT	-20090210AAS
30	WIAT	BIRMINGHAM AL	231.1	LIC	BLCDT	-20021219AAV
30	WIAT	BIRMINGHAM AL	231.1	PLN	DTVPLN	-DTVPL1090
30	NEW	MONTGOMERY AL	175.1	APP	BNPDTL	-20090825AIV
30	WLGA-DR	PELIKA AL	170.5	APP	BPRM	-20090722ACP
30	NEW	CHATTAHOOCHEE FL	357.5	APP	BNPDTL	-20090825AHT
30	NEW	LIVE OAK FL	405.2	APP	BNPDTL	-20090908ABD
30	NEW	PONCE DE LEON FL	363.2	APP	BNPDTL	-20090825AUT
30	NEW	TALLAHASSEE FL	368.5	APP	BNPDTL	-20090831ABY
30	NEW	TALLAHASSEE FL	372.2	APP	BNPDTL	-20090825AXO
30	NEW	TALLHASSEE FL	368.5	APP	BNPDTL	-20090825AJK
30	WAGT	AUGUSTA GA	236.2	LIC	BLCDT	-20030530AON
30	WAGT	AUGUSTA GA	236.2	PLN	DTVPLN	-DTVPL1098
30	NEW	TALLAHASSEE GA	368.5	APP	BNPDTL	-20090825AAK
30	NEW	VALDOSTA GA	346.4	APP	BNPDTL	-20090825CAI
30	W35AV	BLACK MOUNTAIN NC	265.0	CP	BDISDTT	-20060330AEX
30	W35AV	BLACK MOUNTAIN NC	265.0	APP	BDISDTT	-20090824ACP
30	W30CS-D	ZIONVILLE NC	365.5	LIC	BLDTT	-20090615AAL
30	W30CV-D	HILTON HEAD ISLAND SC	380.7	CP	BDCCDTL	-20061030AFX
30	WVLT-TV	KNOXVILLE TN	245.7	LIC	BLCDT	-20040420AAF
30	WVLT-TV	KNOXVILLE TN	245.7	PLN	DTVPLN	-DTVPL1113
30	WVLT-TV	KNOXVILLE TN	245.7	CP	BPCDT	-20080618AAM
30	NEW	OLIVE HILL TN	374.5	APP	BNPDTL	-20090826ACJ
31	WSB-TV	ATHENS GA	53.1	CP	BDRTCT	-20090320AFR
31	WWCG-LP	COLUMBUS GA	156.9	APP	BDISDTL	-20090629AAC
31	W31DH-D	FRANKLIN, ETC NC	192.3	LIC	BLDTT	-20090615AAP
31	W31AN-D	MURPHY NC	145.0	LIC	BLDTT	-20090615AAV
30	WSOC	SHELBY NC	322.1	APP	USERRECORD-01	

Total scenarios = 36

Result key: 73  
Scenario 1 Affected station 8 WTBS-LD  
Before Analysis

Results for: 30A GA ATLANTA BMPDTL 20090409ATL CP  
HAAT 1.0 m, ATV ERP 15.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3745503	10100.8
not affected by terrain losses	3744015	10088.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	23710	251.1
lost to ATV IX only	23710	251.1
lost to all IX	23710	251.1

Potential Interfering Stations Included in above Scenario 1

30A AL BIRMINGHAM	BLCDT	20021219AAV	LIC
30A GA AUGUSTA	BLCDT	20030530AON	LIC
30A TN KNOXVILLE	BLCDT	20040420AAF	LIC
31A GA ATHENS	BDRTCT	20090320AFR	CP

## After Analysis

Results for: 30A GA ATLANTA BMPDTL 20090409ATL CP  
HAAT 1.0 m, ATV ERP 15.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3745503	10100.8

Figure 2

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not affected by terrain losses  3744015      10088.9
lost to NTSC IX                0            0.0
lost to additional IX by ATV    23710       251.1
lost to ATV IX only            23710       251.1
lost to all IX                 23710       251.1

Potential Interfering Stations Included in above Scenario      1

30A AL BIRMINGHAM          BLCDT    20021219AAV  LIC
30A GA AUGUSTA            BLCDT    20030530AON  LIC
30A TN KNOXVILLE         BLCDT    20040420AAF  LIC
31A GA ATHENS             BDRTCT  20090320AFR  CP
30A NC SHELBY             USERRECORD01  APP

Percent new IX =      0.0000%

Worst case new IX      0.0000% Scenario      1

#####

Analysis of Interference to Affected Station      9

Analysis of current record
Channel      Call      City/State      Application Ref. No.
  30          WAGT      AUGUSTA GA          BLCDT      -20030530AON

Stations Potentially Affecting This Station

Chan   Call      City/State      Dist(km) Status Application Ref. No.
  30   WLGA-DR    OPELIKA AL          301.3  APP      BPRM      -20090722ACP
  30   WSFX-TV    WILMINGTON NC        346.3  PLN      DTVPLN    -DTPV1104
  30   WSFX-TV    WILMINGTON NC        346.3  CP       BPCDT     -20080929AGO
  30   WSFX-TV    WILMINGTON NC        346.3  LIC      BLCDT     -20070213AAS
  30   WVLT-TV    KNOXVILLE TN        347.1  LIC      BLCDT     -20040420AAF
  30   WVLT-TV    KNOXVILLE TN        347.1  PLN      DTVPLN    -DTPV1113
  30   WVLT-TV    KNOXVILLE TN        347.1  CP       BPCDT     -20080618AAM
  31   WFXG      AUGUSTA GA          1.2    PLN      DTVPLN    -DTPV1131
  31   WFXG-DR    AUGUSTA GA          1.2    APP      BPRM      -20080620AON
  31   WFXG      AUGUSTA GA          1.2    CP       BPCDT     -20090303ABA
  30   WSOC      SHELBY NC           209.4  APP      USERRECORD-01

Total scenarios =      9

Result key:      109
Scenario      1  Affected station      9  WAGT
Before Analysis

Results for: 30A GA AUGUSTA          BLCDT      20030530AON  LIC
HAAT 483.0 m, ATV ERP 400.0 kW
      POPULATION      AREA (sq km)
within Noise Limited Contour      1271328      35170.0
not affected by terrain losses      1261781      34988.2
lost to NTSC IX                    0            0.0
lost to additional IX by ATV        70            4.0
lost to ATV IX only                70            4.0
lost to all IX                    70            4.0

Potential Interfering Stations Included in above Scenario      1

30A NC WILMINGTON          DTVPLN    DTPV1104      PLN

After Analysis

Results for: 30A GA AUGUSTA          BLCDT      20030530AON  LIC
HAAT 483.0 m, ATV ERP 400.0 kW
      POPULATION      AREA (sq km)
within Noise Limited Contour      1271328      35170.0
not affected by terrain losses      1261781      34988.2
lost to NTSC IX                    0            0.0
lost to additional IX by ATV        5348           116.2

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Figure 2

lost to ATV IX only	5348	116.2
lost to all IX	5348	116.2

Potential Interfering Stations Included in above Scenario 1

30A NC WILMINGTON	DTVPLN	DTVP1104	PLN
30A NC SHELBY	USERRECORD01		APP

Percent new IX = 0.4183%

Result key: 110  
 Scenario 2 Affected station 9 WAGT  
 Before Analysis

Results for: 30A GA AUGUSTA BLCDT 20030530AON LIC  
 HAAT 483.0 m, ATV ERP 400.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1271328	35170.0
not affected by terrain losses	1261781	34988.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1164	7.9
lost to ATV IX only	1164	7.9
lost to all IX	1164	7.9

Potential Interfering Stations Included in above Scenario 2

30A NC WILMINGTON	BPCDT	20080929AGO	CP
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After Analysis

Results for: 30A GA AUGUSTA BLCDT 20030530AON LIC  
 HAAT 483.0 m, ATV ERP 400.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1271328	35170.0
not affected by terrain losses	1261781	34988.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	6438	118.2
lost to ATV IX only	6438	118.2
lost to all IX	6438	118.2

Potential Interfering Stations Included in above Scenario 2

30A NC WILMINGTON	BPCDT	20080929AGO	CP
30A NC SHELBY	USERRECORD01		APP

Percent new IX = 0.4184%

Result key: 111  
 Scenario 3 Affected station 9 WAGT  
 Before Analysis

Results for: 30A GA AUGUSTA BLCDT 20030530AON LIC  
 HAAT 483.0 m, ATV ERP 400.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1271328	35170.0
not affected by terrain losses	1261781	34988.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	70	4.0
lost to ATV IX only	70	4.0
lost to all IX	70	4.0

Potential Interfering Stations Included in above Scenario 3

30A NC WILMINGTON	BLCDT	20070213AAS	LIC
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After Analysis

Results for: 30A GA AUGUSTA BLCDT 20030530AON LIC  
 HAAT 483.0 m, ATV ERP 400.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1271328	35170.0
not affected by terrain losses	1261781	34988.2
lost to NTSC IX	0	0.0

**Figure 2**

lost to additional IX by ATV	5348	116.2
lost to ATV IX only	5348	116.2
lost to all IX	5348	116.2

Potential Interfering Stations Included in above Scenario 3

30A NC WILMINGTON	BLCDDT	20070213AAS	LIC
30A NC SHELBY	USERRECORD01		APP

Percent new IX = 0.4183%

Result key: 112  
Scenario 4 Affected station 9 WAGT  
Before Analysis

Results for: 30A GA AUGUSTA BLCDDT 20030530AON LIC  
HAAT 483.0 m, ATV ERP 400.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1271328	35170.0
not affected by terrain losses	1261781	34988.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1696	267.2
lost to ATV IX only	1696	267.2
lost to all IX	1696	267.2

Potential Interfering Stations Included in above Scenario 4

30A AL OPELIKA	BPRM	20090722ACP	APP
30A NC WILMINGTON	DTVPLN	DTVP1104	PLN

After Analysis

Results for: 30A GA AUGUSTA BLCDDT 20030530AON LIC  
HAAT 483.0 m, ATV ERP 400.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1271328	35170.0
not affected by terrain losses	1261781	34988.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	6969	377.5
lost to ATV IX only	6969	377.5
lost to all IX	6969	377.5

Potential Interfering Stations Included in above Scenario 4

30A AL OPELIKA	BPRM	20090722ACP	APP
30A NC WILMINGTON	DTVPLN	DTVP1104	PLN
30A NC SHELBY	USERRECORD01		APP

Percent new IX = 0.4185%

Result key: 113  
Scenario 5 Affected station 9 WAGT  
Before Analysis

Results for: 30A GA AUGUSTA BLCDDT 20030530AON LIC  
HAAT 483.0 m, ATV ERP 400.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1271328	35170.0
not affected by terrain losses	1261781	34988.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	2790	271.2
lost to ATV IX only	2790	271.2
lost to all IX	2790	271.2

Potential Interfering Stations Included in above Scenario 5

30A AL OPELIKA	BPRM	20090722ACP	APP
30A NC WILMINGTON	BPCDDT	20080929AGO	CP

After Analysis

Results for: 30A GA AUGUSTA BLCDDT 20030530AON LIC  
HAAT 483.0 m, ATV ERP 400.0 kW



Figure 2

	POPULATION	AREA (sq km)
within Noise Limited Contour	1271328	35170.0
not affected by terrain losses	1261781	34988.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	8059	379.5
lost to ATV IX only	8059	379.5
lost to all IX	8059	379.5

Potential Interfering Stations Included in above Scenario 5

30A AL OPELIKA	BPRM	20090722ACP	APP
30A NC WILMINGTON	BPCDT	20080929AGO	CP
30A NC SHELBY	USERRECORD01		APP

Percent new IX = 0.4185%

Result key: 114  
 Scenario 6 Affected station 9 WAGT  
 Before Analysis

Results for: 30A GA AUGUSTA BLCDT 20030530AON LIC  
 HAAT 483.0 m, ATV ERP 400.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1271328	35170.0
not affected by terrain losses	1261781	34988.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1696	267.2
lost to ATV IX only	1696	267.2
lost to all IX	1696	267.2

Potential Interfering Stations Included in above Scenario 6

30A AL OPELIKA	BPRM	20090722ACP	APP
30A NC WILMINGTON	BLCDT	20070213AAS	LIC

After Analysis

Results for: 30A GA AUGUSTA BLCDT 20030530AON LIC  
 HAAT 483.0 m, ATV ERP 400.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1271328	35170.0
not affected by terrain losses	1261781	34988.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	6969	377.5
lost to ATV IX only	6969	377.5
lost to all IX	6969	377.5

Potential Interfering Stations Included in above Scenario 6

30A AL OPELIKA	BPRM	20090722ACP	APP
30A NC WILMINGTON	BLCDT	20070213AAS	LIC
30A NC SHELBY	USERRECORD01		APP

Percent new IX = 0.4185%

Result key: 115  
 Scenario 7 Affected station 9 WAGT  
 Before Analysis

Results for: 30A GA AUGUSTA BLCDT 20030530AON LIC  
 HAAT 483.0 m, ATV ERP 400.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1271328	35170.0
not affected by terrain losses	1261781	34988.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	70	4.0
lost to ATV IX only	70	4.0
lost to all IX	70	4.0

Potential Interfering Stations Included in above Scenario 7

30A NC WILMINGTON	DTVPLN	DTVP1104	PLN
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**Figure 2****After Analysis**

Results for: 30A GA AUGUSTA                      BLCDDT                      20030530AON   LIC  
 HAAT 483.0 m, ATV ERP 400.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1271328	35170.0
not affected by terrain losses	1261781	34988.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	5348	116.2
lost to ATV IX only	5348	116.2
lost to all IX	5348	116.2

Potential Interfering Stations Included in above Scenario                      7

30A NC WILMINGTON                      DTVPLN                      DTVPL1104                      PLN  
 30A NC SHELBY                      USERRECORD01                      APP

Percent new IX =                      0.4183%

Result key:                      116  
 Scenario                      8   Affected station                      9   WAGT  
 Before Analysis

Results for: 30A GA AUGUSTA                      BLCDDT                      20030530AON   LIC  
 HAAT 483.0 m, ATV ERP 400.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1271328	35170.0
not affected by terrain losses	1261781	34988.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1164	7.9
lost to ATV IX only	1164	7.9
lost to all IX	1164	7.9

Potential Interfering Stations Included in above Scenario                      8

30A NC WILMINGTON                      BPCDDT                      20080929AGO   CP

**After Analysis**

Results for: 30A GA AUGUSTA                      BLCDDT                      20030530AON   LIC  
 HAAT 483.0 m, ATV ERP 400.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1271328	35170.0
not affected by terrain losses	1261781	34988.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	6438	118.2
lost to ATV IX only	6438	118.2
lost to all IX	6438	118.2

Potential Interfering Stations Included in above Scenario                      8

30A NC WILMINGTON                      BPCDDT                      20080929AGO   CP  
 30A NC SHELBY                      USERRECORD01                      APP

Percent new IX =                      0.4184%

Result key:                      117  
 Scenario                      9   Affected station                      9   WAGT  
 Before Analysis

Results for: 30A GA AUGUSTA                      BLCDDT                      20030530AON   LIC  
 HAAT 483.0 m, ATV ERP 400.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1271328	35170.0
not affected by terrain losses	1261781	34988.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	70	4.0
lost to ATV IX only	70	4.0
lost to all IX	70	4.0

Potential Interfering Stations Included in above Scenario                      9

30A NC WILMINGTON                      BLCDDT                      20070213AAS   LIC

Figure 2

## After Analysis

Results for: 30A GA AUGUSTA                      BLCDT                      20030530AON   LIC  
 HAAT 483.0 m, ATV ERP 400.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1271328	35170.0
not affected by terrain losses	1261781	34988.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	5348	116.2
lost to ATV IX only	5348	116.2
lost to all IX	5348	116.2

Potential Interfering Stations Included in above Scenario                      9

30A NC WILMINGTON                      BLCDT                      20070213AAS   LIC  
 30A NC SHELBY                      USERRECORD01                      APP

Percent new IX =                      0.4183%

Worst case new IX                      0.4185% Scenario                      5

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## Analysis of Interference to Affected Station                      10

## Analysis of current record

Channel	Call	City/State	Application Ref. No.
30	W30CR	BISCOE NC	BLTT -20090114AAM

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
22	WCNC-TV	CHARLOTTE NC	121.5	LIC	BLCDT -20031211ABN
22	WCNC-TV	CHARLOTTE NC	121.5	PLN	DTVPLN -DTVP0806
22	WCNC-TV	CHARLOTTE NC	121.5	APP	BPCDT -20080617AEH
23	WBTW	CHARLOTTE NC	123.1	LIC	BLCDT -19991025AEB
23	WBTW	CHARLOTTE NC	123.1	PLN	DTVPLN -DTVP0844
27	WCCB	CHARLOTTE NC	81.8	LIC	BLCDT -20020227AAZ
27	WCCB	CHARLOTTE NC	81.8	PLN	DTVPLN -DTVP0995
27	WLFL	RALEIGH NC	126.2	PLN	DTVPLN -DTVP0996
27	WLFL	RALEIGH NC	126.2	CP MOD	BMPCDT -20080620AJP
28	WRDC	DURHAM NC	125.6	CP MOD	BMPCDT -20080620AJU
28	WRDC	DURHAM NC	126.2	PLN	DTVPLN -DTVP1037
29	WXLV-TV	WINSTON-SALEM NC	65.7	CP	BPCDT -19991101ACF
29	WXLV-TV	WINSTON-SALEM NC	65.7	PLN	DTVPLN -DTVP1070
30	WAGT	AUGUSTA GA	277.4	LIC	BLCDT -20030530AON
30	WAGT	AUGUSTA GA	277.4	PLN	DTVPLN -DTVP1098
30	W35AV	BLACK MOUNTAIN NC	233.2	CP	BDISDTT -20060330AEX
30	W35AV	BLACK MOUNTAIN NC	233.2	APP	BDISDTT -20090824ACP
30	WUNC-TV	RALEIGH NC	125.6	CP	BDRTET -20090428AAD
30	WSFX-TV	WILMINGTON NC	197.0	PLN	DTVPLN -DTVP1104
30	WSFX-TV	WILMINGTON NC	197.0	CP	BPCDT -20080929AGO
30	WSFX-TV	WILMINGTON NC	197.0	LIC	BLCDT -20070213AAS
30	W30CS-D	ZIONVILLE NC	204.9	LIC	BLDTT -20090615AAL
30	W30CV-D	HILTON HEAD ISLAND SC	357.5	CP	BDCCDTL -20061030AFX
30	WVLT-TV	KNOXVILLE TN	380.9	LIC	BLCDT -20040420AAF
30	WVLT-TV	KNOXVILLE TN	380.9	PLN	DTVPLN -DTVP1113
30	WVLT-TV	KNOXVILLE TN	380.9	CP	BPCDT -20080618AAM
30	W30CT-D	HARRISONBURG VA	359.0	CP	BDCCDTT -20061030AOR
30	WSLS-TV	ROANOKE VA	215.7	PLN	DTVPLN -DTVP1118
30	WSLS-TV	ROANOKE VA	215.7	CP	BPCDT -20080619ABS
31	WUBX-LD	DURHAM, ETC. NC	122.3	CP	BDCCDTL -20061027AAK
31	WUNU	LUMBERTON NC	89.4	PLN	DTVPLN -DTVP1145
31	WUNU	LUMBERTON NC	89.4	CP MOD	BMPEDT -20080617AAP
31	WHIG-LD	ROCKY MOUNT NC	198.2	CP	BDCCDTL -20061012AAZ
31	WXII-TV	WINSTON-SALEM NC	131.4	LIC	BLCDT -20050627AAU
31	WXII-TV	WINSTON-SALEM NC	131.4	PLN	DTVPLN -DTVP1146
31	WCCB	LANCASTER SC	118.2	APP	BDRTCDT -20090825BTA
31	W31DF-D	MYRTLE BEACH SC	200.7	CP	BDCCDTL -20061027AEQ
32	WUNL-TV	WINSTON-SALEM NC	131.4	CP	BPEDT -20080617AAL

Figure 2

32	WUNL-TV	WINSTON-SALEM NC	131.4	PLN	DTVPLN	-DTVP1183
32	WUNL-TV	WINSTON-SALEM NC	131.4	LIC	BLEDT	-20020717AAH
33	WMYV	GREENSBORO NC	65.7	LIC	BLCDT	-20020430ABD
33	WMYV	GREENSBORO NC	65.7	PLN	DTVPLN	-DTVP1217
34	WSOC-TV	CHARLOTTE NC	81.1	LIC	BLCDT	-20040526ANW
34	WSOC-TV	CHARLOTTE NC	81.1	PLN	DTVPLN	-DTVP1257
38	WUVV-TV	FAYETTEVILLE NC	81.8	PLN	DTVPLN	-DTVP1367
38	WUVV-DT	FAYETTEVILLE NC	81.8	CP	BPCDT	-20090630ABX
38	WUVV-DT	FAYETTEVILLE NC	81.8	LIC	BLCDT	-20060912ACZ
44	WUNG-TV	CONCORD NC	71.0	CP	BPEDT	-20080616ACB
44	WUNG-TV	CONCORD NC	71.0	PLN	DTVPLN	-DTVP1582
44	WUNG-TV	CONCORD NC	71.0	LIC	BLEDT	-20010814ABF
45	W16CF	CHARLOTTE NC	77.4	CP	BDISDTT	-20060327ACD
45	WACN-LD	RALEIGH NC	126.2	CP	BDCCDTL	-20081215AAR
45	WJPM-TV	FLORENCE SC	111.1	CP	BPEDT	-20080620ACG
45	WJPM-TV	FLORENCE SC	111.1	PLN	DTVPLN	-DTVP1630
45	WJPM-TV	FLORENCE SC	111.1	LIC	BLEDT	-20050324ACE
30	WSOC	SHELBY NC	131.0	APP	USERRECORD-01	

Proposal causes no interference

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#### Analysis of Interference to Affected Station 11

#### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
30	W35AV	BLACK MOUNTAIN NC	BDISDTT	-20060330AEX

#### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
29	NEW	ATHENS GA	200.9	APP	BNPDTL	-20090825AJG
29	W08AO	CANTON LAKE NC	47.3	APP	BDISDTT	-20090928ACC
29	W29DE-D	HAYESVILLE NC	148.0	LIC	BLDTT	-20090210AAS
29	NEW	WELCH WV	218.8	APP	BNPDTT	-20090825BFJ
30	NEW	MONTGOMERY AL	416.4	APP	BNPDTL	-20090825AIV
30	WTBS-LD	ATLANTA GA	265.0	CP MOD	BMPDTL	-20090409ATL
30	WAGT	AUGUSTA GA	245.6	LIC	BLCDT	-20030530AON
30	WAGT	AUGUSTA GA	245.6	PLN	DTVPLN	-DTVP1098
30	W39CJ	ELIZABETHTOWN KY	387.7	CP	BDISDTT	-20070907AFU
30	WUNC-TV	RALEIGH NC	347.8	CP	BDRTET	-20090428AAD
30	W30CS-D	ZIONVILLE NC	101.1	LIC	BLDTT	-20090615AAL
30	W30CV-D	HILTON HEAD ISLAND SC	407.8	CP	BDCCDTL	-20061030AFX
30	WVLT-TV	KNOXVILLE TN	149.6	LIC	BLCDT	-20040420AAF
30	WVLT-TV	KNOXVILLE TN	149.6	PLN	DTVPLN	-DTVP1113
30	WVLT-TV	KNOXVILLE TN	149.6	CP	BPCDT	-20080618AAM
30	WSLS-TV	ROANOKE VA	270.1	PLN	DTVPLN	-DTVP1118
30	WSLS-TV	ROANOKE VA	270.1	CP	BPCDT	-20080619ABS
31	WSB-TV	ATHENS GA	222.3	CP	BDRTCT	-20090320AFR
31	W31DH-D	FRANKLIN, ETC NC	90.3	LIC	BLDTT	-20090615AAP
31	W31AZ	HENDERSONVILLE NC	36.4	CP	BDFCDTL	-20060403AQZ
31	W31AN-D	MURPHY NC	157.5	LIC	BLDTT	-20090615AAV
31	W31DI-D	SPRUCE PINE NC	42.9	LIC	BLDTT	-20090506ABZ
31	WCCB	LANCASTER SC	148.1	APP	BDRTCDT	-20090825BTA
30	WSOC	SHELBY NC	107.0	APP	USERRECORD-01	

Total scenarios = 36

Result key: 118  
 Scenario 1 Affected station 11 W35AV  
 Before Analysis

Results for: 30A NC BLACK MOUNTAIN BDISDTT 20060330AEX CP  
 HAAT 1.0 m, ATV ERP 5.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	244946	4126.7
not affected by terrain losses	188982	2922.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	11823	197.2
lost to ATV IX only	11823	197.2

Figure 2

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lost to all IX                      11823      197.2

Potential Interfering Stations Included in above Scenario      1

30A GA ATLANTA      BMPDTL      20090409ATL      CP
30A GA AUGUSTA      BLCDT      20030530AON      LIC
30A TN KNOXVILLE   BLCDT      20040420AAF      LIC
30A VA ROANOKE      DTVPLN      DTVP1118      PLN
31A NC HENDERSONVILLE BDFCDTL      20060403AQZ      CP
31A NC SPRUCE PINE   BLDTT      20090506ABZ      LIC

After Analysis

Results for: 30A NC BLACK MOUNTAIN      BDISDTT      20060330AEX      CP
HAAT      1.0 m, ATV ERP      5.0 kW

POPULATION      AREA (sq km)
within Noise Limited Contour      244946      4126.7
not affected by terrain losses      188982      2922.9
lost to NTSC IX      0      0.0
lost to additional IX by ATV      12864      250.7
lost to ATV IX only      12864      250.7
lost to all IX      12864      250.7

Potential Interfering Stations Included in above Scenario      1

30A GA ATLANTA      BMPDTL      20090409ATL      CP
30A GA AUGUSTA      BLCDT      20030530AON      LIC
30A TN KNOXVILLE   BLCDT      20040420AAF      LIC
30A VA ROANOKE      DTVPLN      DTVP1118      PLN
31A NC HENDERSONVILLE BDFCDTL      20060403AQZ      CP
31A NC SPRUCE PINE   BLDTT      20090506ABZ      LIC
30A NC SHELBY      USERRECORD01      APP

Percent new IX =      0.5876%

Worst case new IX      0.5901% Scenario      5

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Analysis of Interference to Affected Station      12

Analysis of current record
Channel      Call      City/State      Application Ref. No.
30      W35AV      BLACK MOUNTAIN NC      BDISDTT      -20090824ACP

Stations Potentially Affecting This Station

Chan      Call      City/State      Dist(km)      Status      Application Ref. No.
29      NEW      ATHENS GA      200.9      APP      BNPDTL      -20090825AJG
29      W08AO      CANTON LAKE NC      47.3      APP      BDISDTT      -20090928ACC
29      W29DE-D      HAYESVILLE NC      148.0      LIC      BLDTT      -20090210AAS
29      NEW      WELCH WV      218.8      APP      BNPDTT      -20090825BFJ
30      NEW      MONTGOMERY AL      416.4      APP      BNPDTL      -20090825AIV
30      WTBS-LD      ATLANTA GA      265.0      CP MOD      BMPDTL      -20090409ATL
30      WAGT      AUGUSTA GA      245.6      LIC      BLCDT      -20030530AON
30      WAGT      AUGUSTA GA      245.6      PLN      DTVPLN      -DTVPL1098
30      W39CJ      ELIZABETHTOWN KY      387.7      CP      BDISDTT      -20070907AFU
30      WUNC-TV      RALEIGH NC      347.8      CP      BDRTET      -20090428AAD
30      W30CS-D      ZIONVILLE NC      101.1      LIC      BLDTT      -20090615AAL
30      W30CV-D      HILTON HEAD ISLAND SC      407.8      CP      BDCCDTL      -20061030AFX
30      WVLT-TV      KNOXVILLE TN      149.6      LIC      BLCDT      -20040420AAF
30      WVLT-TV      KNOXVILLE TN      149.6      PLN      DTVPLN      -DTVPL1113
30      WVLT-TV      KNOXVILLE TN      149.6      CP      BPCDT      -20080618AAM
30      WSLS-TV      ROANOKE VA      270.1      PLN      DTVPLN      -DTVPL1118
30      WSLS-TV      ROANOKE VA      270.1      CP      BPCDT      -20080619ABS
31      WSB-TV      ATHENS GA      222.3      CP      BDRTCT      -20090320AFR
31      W31DH-D      FRANKLIN, ETC NC      90.3      LIC      BLDTT      -20090615AAP
31      W31AZ      HENDERSONVILLE NC      36.4      CP      BDFCDTL      -20060403AQZ
31      W31AN-D      MURPHY NC      157.5      LIC      BLDTT      -20090615AAV
31      W31DI-D      SPRUCE PINE NC      42.9      LIC      BLDTT      -20090506ABZ
31      WCCB      LANCASTER SC      148.1      APP      BDRCTDT      -20090825BTA

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Figure 2

30 WSOC SHELBY NC 107.0 APP USERRECORD-01

Total scenarios = 36

Result key: 154  
 Scenario 1 Affected station 12 W35AV  
 Before Analysis

Results for: 30A NC BLACK MOUNTAIN BDISDTT 20090824ACP APP  
 HAAT 1.0 m, ATV ERP 5.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	244946	4126.7
not affected by terrain losses	188982	2922.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	11823	197.2
lost to ATV IX only	11823	197.2
lost to all IX	11823	197.2

Potential Interfering Stations Included in above Scenario 1

30A GA ATLANTA	BMPDTL	20090409ATL	CP
30A GA AUGUSTA	BLCDT	20030530AON	LIC
30A TN KNOXVILLE	BLCDT	20040420AAF	LIC
30A VA ROANOKE	DTVPLN	DTVP1118	PLN
31A NC HENDERSONVILLE	BDFCDTL	20060403AQZ	CP
31A NC SPRUCE PINE	BLDTT	20090506ABZ	LIC

After Analysis

Results for: 30A NC BLACK MOUNTAIN BDISDTT 20090824ACP APP  
 HAAT 1.0 m, ATV ERP 5.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	244946	4126.7
not affected by terrain losses	188982	2922.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	12864	250.7
lost to ATV IX only	12864	250.7
lost to all IX	12864	250.7

Potential Interfering Stations Included in above Scenario 1

30A GA ATLANTA	BMPDTL	20090409ATL	CP
30A GA AUGUSTA	BLCDT	20030530AON	LIC
30A TN KNOXVILLE	BLCDT	20040420AAF	LIC
30A VA ROANOKE	DTVPLN	DTVP1118	PLN
31A NC HENDERSONVILLE	BDFCDTL	20060403AQZ	CP
31A NC SPRUCE PINE	BLDTT	20090506ABZ	LIC
30A NC SHELBY	USERRECORD01		APP

Percent new IX = 0.5876%

Worst case new IX 0.5901% Scenario 5

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Analysis of Interference to Affected Station 13

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
30	WUNC-TV	RALEIGH NC	BDRDET	-20090428AAD

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
29	WXLV-TV	WINSTON-SALEM NC	118.1	CP	BPCDT	-19991101ACF
29	WXLV-TV	WINSTON-SALEM NC	118.1	PLN	DTVPLN	-DTVP1070
30	WAGT	AUGUSTA GA	393.5	LIC	BLCDT	-20030530AON
30	WAGT	AUGUSTA GA	393.5	PLN	DTVPLN	-DTVP1098
30	WRAV-LD	OCEAN CITY MD	423.4	CP	BDCCDTL	-20070829ACZ
30	W35AV	BLACK MOUNTAIN NC	347.8	CP	BDISDTT	-20060330AEX

Figure 2

30	W35AV	BLACK MOUNTAIN NC	347.8	APP	BDISDTT	-20090824ACP
30	WSFX-TV	WILMINGTON NC	174.6	PLN	DTVPLN	-DTVP1104
30	WSFX-TV	WILMINGTON NC	174.6	CP	BPCDT	-20080929AGO
30	WSFX-TV	WILMINGTON NC	174.6	LIC	BLCDT	-20070213AAS
30	W30CS-D	ZIONVILLE NC	294.9	LIC	BLDTT	-20090615AAL
30	WNVTV	GOLDVEIN VA	342.2	LIC	BLEDT	-20031230AAR
30	WNVTV	GOLDVEIN VA	342.2	PLN	DTVPLN	-DTVP1117
30	W30CT-D	HARRISONBURG VA	302.6	CP	BDCCDTT	-20061030AOR
30	WSLS-TV	ROANOKE VA	222.5	PLN	DTVPLN	-DTVP1118
30	WSLS-TV	ROANOKE VA	222.5	CP	BPCDT	-20080619ABS
30	W34DW-D	HAMPSHIRE, ETC. WV	419.1	APP	BDISDTT	-20090622ABM
31	WUBX-LD	DURHAM, ETC. NC	53.8	CP	BDCCDTL	-20061027AAK
31	WUNU	LUMBERTON NC	108.1	PLN	DTVPLN	-DTVP1145
31	WUNU	LUMBERTON NC	108.1	CP MOD	BMPEDT	-20080617AAP
31	WHIG-LD	ROCKY MOUNT NC	72.6	CP	BDCCDTL	-20061012AAZ
30	WSOC	SHELBY NC	253.0	APP	USERRECORD-01	

Proposal causes no interference

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#### Analysis of Interference to Affected Station 14

##### Analysis of current record

Channel	Call	City/State	Application Ref. No.
30	WSFX-TV	WILMINGTON NC	BPCDT -20080929AGO

##### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
29	WUNJ-TV	WILMINGTON NC	21.4	CP	BPEDT -20080616ACA
29	WUNJ-TV	WILMINGTON NC	21.4	PLN	DTVPLN -DTVP1069
29	WUNJ-TV	WILMINGTON NC	21.4	LIC	BLEDT -20060612ABO
30	WAGT	AUGUSTA GA	346.3	LIC	BLCDT -20030530AON
30	WAGT	AUGUSTA GA	346.3	PLN	DTVPLN -DTVP1098
30	WSLS-TV	ROANOKE VA	384.3	PLN	DTVPLN -DTVP1118
30	WSLS-TV	ROANOKE VA	384.3	CP	BPCDT -20080619ABS
31	WUNU	LUMBERTON NC	107.9	PLN	DTVPLN -DTVP1145
31	WUNU	LUMBERTON NC	107.9	CP MOD	BMPEDT -20080617AAP
30	WSOC	SHELBY NC	307.6	APP	USERRECORD-01

Proposal causes no interference

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#### Analysis of Interference to Affected Station 15

##### Analysis of current record

Channel	Call	City/State	Application Ref. No.
30	WSFX-TV	WILMINGTON NC	BLCDT -20070213AAS

##### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
29	WUNJ-TV	WILMINGTON NC	21.4	CP	BPEDT -20080616ACA
29	WUNJ-TV	WILMINGTON NC	21.4	PLN	DTVPLN -DTVP1069
29	WUNJ-TV	WILMINGTON NC	21.4	LIC	BLEDT -20060612ABO
30	WAGT	AUGUSTA GA	346.3	LIC	BLCDT -20030530AON
30	WAGT	AUGUSTA GA	346.3	PLN	DTVPLN -DTVP1098
30	WSLS-TV	ROANOKE VA	384.3	PLN	DTVPLN -DTVP1118
30	WSLS-TV	ROANOKE VA	384.3	CP	BPCDT -20080619ABS
31	WUNU	LUMBERTON NC	107.9	PLN	DTVPLN -DTVP1145
31	WUNU	LUMBERTON NC	107.9	CP MOD	BMPEDT -20080617AAP
30	WSOC	SHELBY NC	307.6	APP	USERRECORD-01

Proposal causes no interference

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#### Analysis of Interference to Affected Station 16

Figure 2

## Analysis of current record

Channel	Call	City/State	Application Ref. No.
30	W30CS-D	ZIONVILLE NC	BLDTT -20090615AAL

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
29	W08AO	CANTON LAKE NC	134.3	APP	BDISDTT -20090928ACC
29	NEW	WELCH WV	126.0	APP	BNPDTT -20090825BFJ
30	WTBS-LD	ATLANTA GA	365.5	CP MOD	BMPDTL -20090409ATL
30	WAGT	AUGUSTA GA	322.2	LIC	BLCDT -20030530AON
30	WAGT	AUGUSTA GA	322.2	PLN	DTVPLN -DTVP1098
30	W39CJ	ELIZABETHTOWN KY	396.5	CP	BDISDTT -20070907AFU
30	W35AV	BLACK MOUNTAIN NC	101.1	CP	BDISDTT -20060330AEX
30	W35AV	BLACK MOUNTAIN NC	101.1	APP	BDISDTT -20090824ACP
30	WUNC-TV	RALEIGH NC	294.9	CP	BDRTET -20090428AAD
30	WVLT-TV	KNOXVILLE TN	203.4	LIC	BLCDT -20040420AAF
30	WVLT-TV	KNOXVILLE TN	203.4	PLN	DTVPLN -DTVP1113
30	WVLT-TV	KNOXVILLE TN	203.4	CP	BPCDT -20080618AAM
30	W30CT-D	HARRISONBURG VA	349.3	CP	BDCCDTT -20061030AOR
30	WSLS-TV	ROANOKE VA	172.1	PLN	DTVPLN -DTVP1118
30	WSLS-TV	ROANOKE VA	172.1	CP	BPCDT -20080619ABS
30	W30CO-D	WHEELING WV	426.3	CP MOD	BMPDTT -20090821ABU
31	W31DH-D	FRANKLIN, ETC NC	181.4	LIC	BLDTT -20090615AAP
31	W31AZ	HENDERSONVILLE NC	134.2	CP	BDFCDTL -20060403AQZ
31	W31DI-D	SPRUCE PINE NC	58.2	LIC	BLDTT -20090506ABZ
31	WXII-TV	WINSTON-SALEM NC	121.0	LIC	BLCDT -20050627AAU
31	WXII-TV	WINSTON-SALEM NC	121.0	PLN	DTVPLN -DTVP1146
31	WCCB	LANCASTER SC	174.6	APP	BDRTCDT -20090825BTA
30	WSOC	SHELBY NC	125.5	APP	USERRECORD-01

Proposal causes no interference

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## Analysis of Interference to Affected Station 17

## Analysis of current record

Channel	Call	City/State	Application Ref. No.
30	W30CV-D	HILTON HEAD ISLAND SC	BDCCDTL -20061030AFX

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
29	WAZS-LP	NORTH CHARLESTON SC	105.9	CP	BDCCDTL -20061023AHR
30	WLGA-DR	OPELIKA AL	379.1	APP	BPRM -20090722ACP
30	NEW	CHATTAHOOCHEE FL	427.2	APP	BNPDTL -20090825AHT
30	NEW	LIVE OAK FL	291.5	APP	BNPDTL -20090908ABD
30	NEW	TALLAHASSEE FL	381.9	APP	BNPDTL -20090831ABY
30	NEW	TALLAHASSEE FL	384.9	APP	BNPDTL -20090825AXO
30	NEW	TALLHASSEE FL	382.2	APP	BNPDTL -20090825AJK
30	WTBS-LD	ATLANTA GA	380.7	CP MOD	BMPDTL -20090409ATL
30	WAGT	AUGUSTA GA	171.3	LIC	BLCDT -20030530AON
30	WAGT	AUGUSTA GA	171.3	PLN	DTVPLN -DTVP1098
30	NEW	TALLAHASSEE GA	382.2	APP	BNPDTL -20090825AAK
30	NEW	VALDOSTA GA	288.0	APP	BNPDTL -20090825CAI
30	W35AV	BLACK MOUNTAIN NC	407.8	CP	BDISDTT -20060330AEX
30	W35AV	BLACK MOUNTAIN NC	407.8	APP	BDISDTT -20090824ACP
30	WSFX-TV	WILMINGTON NC	325.1	PLN	DTVPLN -DTVP1104
30	WSFX-TV	WILMINGTON NC	325.1	CP	BPCDT -20080929AGO
30	WSFX-TV	WILMINGTON NC	325.1	LIC	BLCDT -20070213AAS
31	W31DF-D	MYRTLE BEACH SC	226.0	CP	BDCCDTL -20061027AEQ
31	WJNI-LP	NORTH CHARLESTON SC	105.9	CP	BDCCDTL -20061023AHQ
30	WSOC	SHELBY NC	345.4	APP	USERRECORD-01

Proposed station is beyond the site to  
nearest cell evaluation distance

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Figure 2

Analysis of Interference to Affected Station 18

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
30	WVLT-TV	KNOXVILLE TN	BLCDT	-20040420AAF

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
29	WTCI	CHATTANOOGA TN	148.4	PLN	DTVPLN	-DTVP1084
29	WTCI	CHATTANOOGA TN	148.4	LIC	BLEDT	-20060629ACO
30	WIAT	BIRMINGHAM AL	381.7	LIC	BLCDT	-20021219AAV
30	WIAT	BIRMINGHAM AL	381.7	PLN	DTVPLN	-DTVP1090
30	WLGA-DR	OPELIKA AL	415.6	APP	BPRM	-20090722ACP
30	WAGT	AUGUSTA GA	347.1	LIC	BLCDT	-20030530AON
30	WAGT	AUGUSTA GA	347.1	PLN	DTVPLN	-DTVP1098
30	WKOH	OWENSBORO KY	363.8	LIC	BLEDT	-20020304ALJ
30	WKOH	OWENSBORO KY	363.8	PLN	DTVPLN	-DTVP1100
30	WRGT-TV	DAYTON OH	415.3	PLN	DTVPLN	-DTVP1109
30	WRGT-TV	DAYTON OH	415.3	CP	BPCDT	-19991101ADJ
30	WSLS-TV	ROANOKE VA	365.2	PLN	DTVPLN	-DTVP1118
30	WSLS-TV	ROANOKE VA	365.2	CP	BPCDT	-20080619ABS
31	WDKY-TV	DANVILLE KY	212.0	CP	BPCDT	-20090323AEA
31	WDKY-TV	DANVILLE KY	212.0	PLN	DTVPLN	-DTVP1137
31	WDKY-DR	DANVILLE KY	212.0	APP	BPRM	-20080620AOU
30	WSOC	SHELBY NC	256.6	APP	USERRECORD-01	

Total scenarios = 32

Result key: 190

Scenario 1 Affected station 18 WVLT-TV

Before Analysis

Results for: 30A TN KNOXVILLE BLCDT 20040420AAF LIC

HAAT 551.0 m, ATV ERP 398.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1560623	38521.3
not affected by terrain losses	1358575	30544.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	10149	359.5
lost to ATV IX only	10149	359.5
lost to all IX	10149	359.5

Potential Interfering Stations Included in above Scenario 1

Call	City/State	Application	Ref. No.	Status
29A TN CHATTANOOGA	CHATTANOOGA TN	DTVPLN	DTVP1084	PLN
30A AL BIRMINGHAM	BIRMINGHAM AL	BLCDT	20021219AAV	LIC
30A KY OWENSBORO	OWENSBORO KY	BLEDT	20020304ALJ	LIC
30A VA ROANOKE	ROANOKE VA	DTVPLN	DTVP1118	PLN

After Analysis

Results for: 30A TN KNOXVILLE BLCDT 20040420AAF LIC

HAAT 551.0 m, ATV ERP 398.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1560623	38521.3
not affected by terrain losses	1358575	30544.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	10149	370.3
lost to ATV IX only	10149	370.3
lost to all IX	10149	370.3

Potential Interfering Stations Included in above Scenario 1

Call	City/State	Application	Ref. No.	Status
29A TN CHATTANOOGA	CHATTANOOGA TN	DTVPLN	DTVP1084	PLN
30A AL BIRMINGHAM	BIRMINGHAM AL	BLCDT	20021219AAV	LIC
30A KY OWENSBORO	OWENSBORO KY	BLEDT	20020304ALJ	LIC
30A VA ROANOKE	ROANOKE VA	DTVPLN	DTVP1118	PLN
30A NC SHELBY	SHELBY NC	USERRECORD01		APP

Percent new IX = 0.0000%

Figure 2

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Worst case new IX      0.0000% Scenario      1

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Analysis of Interference to Affected Station  19

Analysis of current record
Channel      Call      City/State      Application Ref. No.
  30         WVLT-TV      KNOXVILLE TN      BPCDT      -20080618AAM

Stations Potentially Affecting This Station

Chan   Call      City/State      Dist(km) Status Application Ref. No.
  29   WTCI      CHATTANOOGA TN      148.4   PLN      DTVPLN      -DTVP1084
  29   WTCI      CHATTANOOGA TN      148.4   LIC      BLEDT      -20060629ACO
  30   WIAT      BIRMINGHAM AL      381.7   LIC      BLCDT      -20021219AAV
  30   WIAT      BIRMINGHAM AL      381.7   PLN      DTVPLN      -DTVP1090
  30   WLGA-DR    OPELIKA AL      415.6   APP      BPRM      -20090722ACP
  30   WAGT      AUGUSTA GA      347.1   LIC      BLCDT      -20030530AON
  30   WAGT      AUGUSTA GA      347.1   PLN      DTVPLN      -DTVP1098
  30   WKOH      OWENSBORO KY      363.8   LIC      BLEDT      -20020304ALJ
  30   WKOH      OWENSBORO KY      363.8   PLN      DTVPLN      -DTVP1100
  30   WRGT-TV    DAYTON OH      415.3   PLN      DTVPLN      -DTVP1109
  30   WRGT-TV    DAYTON OH      415.3   CP      BPCDT      -19991101ADJ
  30   WSLs-TV    ROANOKE VA      365.2   PLN      DTVPLN      -DTVP1118
  30   WSLs-TV    ROANOKE VA      365.2   CP      BPCDT      -20080619ABS
  31   WDKY-TV    DANVILLE KY      212.0   CP      BPCDT      -20090323AEA
  31   WDKY-TV    DANVILLE KY      212.0   PLN      DTVPLN      -DTVP1137
  31   WDKY-DR    DANVILLE KY      212.0   APP      BPRM      -20080620AOU
  30   WSOC      SHELBY NC      256.6   APP      USERRECORD-01

Total scenarios =      64

Result key:      222
Scenario      1   Affected station      19   WVLT-TV
Before Analysis

Results for: 30A TN KNOXVILLE      BPCDT      20080618AAM   CP
HAAT 551.0 m, ATV ERP 870.0 kW
      POPULATION      AREA (sq km)
within Noise Limited Contour      1689337      43725.1
not affected by terrain losses      1455123      34966.9
lost to NTSC IX      0      0.0
lost to additional IX by ATV      14238      440.4
lost to ATV IX only      14238      440.4
lost to all IX      14238      440.4

Potential Interfering Stations Included in above Scenario      1

29A TN CHATTANOOGA      DTVPLN      DTVP1084      PLN
30A AL BIRMINGHAM      BLCDT      20021219AAV      LIC
30A GA AUGUSTA      BLCDT      20030530AON      LIC
30A KY OWENSBORO      BLEDT      20020304ALJ      LIC
30A VA ROANOKE      DTVPLN      DTVP1118      PLN

After Analysis

Results for: 30A TN KNOXVILLE      BPCDT      20080618AAM   CP
HAAT 551.0 m, ATV ERP 870.0 kW
      POPULATION      AREA (sq km)
within Noise Limited Contour      1689337      43725.1
not affected by terrain losses      1455123      34966.9
lost to NTSC IX      0      0.0
lost to additional IX by ATV      14238      445.4
lost to ATV IX only      14238      445.4
lost to all IX      14238      445.4

Potential Interfering Stations Included in above Scenario      1

29A TN CHATTANOOGA      DTVPLN      DTVP1084      PLN

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Figure 2

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30A AL BIRMINGHAM      BLCDT      20021219AAV  LIC
30A GA AUGUSTA         BLCDT      20030530AON  LIC
30A KY OWENSBORO       BLEDT      20020304ALJ   LIC
30A VA ROANOKE         DTVPLN     DTVP1118    PLN
30A NC SHELBY          USERRECORD01      APP

Percent new IX =      0.0000%

Worst case new IX      0.0000% Scenario      1

#####

Analysis of Interference to Affected Station  20

Analysis of current record
Channel      Call      City/State      Application Ref. No.
  30      WSLV-TV      ROANOKE VA      BPCDT      -20080619ABS

Stations Potentially Affecting This Station

Chan   Call      City/State      Dist(km) Status Application Ref. No.
  29   WXLV-TV  WINSTON-SALEM NC      151.0  CP      BPCDT      -19991101ACF
  29   WXLV-TV  WINSTON-SALEM NC      151.0  PLN     DTVPLN     -DTVP1070
  30   WSFX-TV  WILMINGTON NC      384.3  PLN     DTVPLN     -DTVP1104
  30   WSFX-TV  WILMINGTON NC      384.3  CP      BPCDT      -20080929AGO
  30   WSFX-TV  WILMINGTON NC      384.3  LIC     BLCDT      -20070213AAS
  30   WVLT-TV  KNOXVILLE TN      365.2  LIC     BLCDT      -20040420AAF
  30   WVLT-TV  KNOXVILLE TN      365.2  PLN     DTVPLN     -DTVP1113
  30   WVLT-TV  KNOXVILLE TN      365.2  CP      BPCDT      -20080618AAM
  30   WTVT     GOLDVEIN VA      285.7  LIC     BLEDT      -20031230AAR
  30   WTVT     GOLDVEIN VA      285.7  PLN     DTVPLN     -DTVP1117
  31   WXII-TV  WINSTON-SALEM NC      93.9  LIC     BLCDT      -20050627AAU
  31   WXII-TV  WINSTON-SALEM NC      93.9  PLN     DTVPLN     -DTVP1146
  30   WSOC     SHELBY NC      241.0  APP     USERRECORD-01

Total scenarios =      48

Result key:      286
Scenario      1  Affected station      20  WSLV-TV
Before Analysis

Results for: 30A VA ROANOKE      BPCDT      20080619ABS  CP
HAAT  592.0 m, ATV ERP 1000.0 kW

      POPULATION      AREA (sq km)
within Noise Limited Contour      1386365      39457.0
not affected by terrain losses      1215035      32990.2
lost to NTSC IX                      0          0.0
lost to additional IX by ATV      47269      1316.7
lost to ATV IX only                47269      1316.7
lost to all IX                    47269      1316.7

Potential Interfering Stations Included in above Scenario      1

29A NC WINSTON-SALEM      BPCDT      19991101ACF  CP
30A TN KNOXVILLE         BLCDT      20040420AAF  LIC
30A VA GOLDVEIN           BLEDT      20031230AAR  LIC
31A NC WINSTON-SALEM      BLCDT      20050627AAU  LIC

After Analysis

Results for: 30A VA ROANOKE      BPCDT      20080619ABS  CP
HAAT  592.0 m, ATV ERP 1000.0 kW

      POPULATION      AREA (sq km)
within Noise Limited Contour      1386365      39457.0
not affected by terrain losses      1215035      32990.2
lost to NTSC IX                      0          0.0
lost to additional IX by ATV      47355      1321.6
lost to ATV IX only                47355      1321.6
lost to all IX                    47355      1321.6

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Figure 2

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Potential Interfering Stations Included in above Scenario      1

29A NC WINSTON-SALEM      BPCDT      19991101ACF      CP
30A TN KNOXVILLE         BLCDT      20040420AAF      LIC
30A VA GOLDVEIN           BLEDT      20031230AAR      LIC
31A NC WINSTON-SALEM      BLCDT      20050627AAU      LIC
30A NC SHELBY             USERRECORD01      APP

Percent new IX =      0.0074%

Worst case new IX      0.0074% Scenario      9

#####

Analysis of Interference to Affected Station  21

Analysis of current record
Channel      Call      City/State      Application Ref. No.
  31      W31DH-D      FRANKLIN, ETC NC      BLDTT      -20090615AAP

Stations Potentially Affecting This Station

Chan      Call      City/State      Dist(km) Status      Application Ref. No.
  30      WTBS-LD      ATLANTA GA      192.3      CP MOD      BMPDTL      -20090409ATL
  30      W35AV      BLACK MOUNTAIN NC      90.3      CP      BDISDTT      -20060330AEX
  30      W35AV      BLACK MOUNTAIN NC      90.3      APP      BDISDTT      -20090824ACP
  30      W30CS-D      ZIONVILLE NC      181.4      LIC      BLDDT      -20090615AAL
  30      WVLT-TV      KNOXVILLE TN      93.0      LIC      BLCDT      -20040420AAF
  30      WVLT-TV      KNOXVILLE TN      93.0      PLN      DTVPLN      -DTVPL113
  30      WVLT-TV      KNOXVILLE TN      93.0      CP      BPCDT      -20080618AAM
  31      W46DK      BIRMINGHAM AL      378.5      CP      BDISDTT      -20060327ABW
  31      WSB-TV      ATHENS GA      160.6      CP      BDRTCT      -20090320AFR
  31      WFXG      AUGUSTA GA      253.2      PLN      DTVPLN      -DTVPL1131
  31      WFXG-DR      AUGUSTA GA      253.2      APP      BPRM      -20080620AON
  31      WFXG      AUGUSTA GA      253.2      CP      BPCDT      -20090303ABA
  31      WWCG-LP      COLUMBUS GA      349.0      APP      BDISDTL      -20090629AAC
  31      WDKY-TV      DANVILLE KY      297.1      CP      BPCDT      -20090323AEA
  31      WDKY-TV      DANVILLE KY      297.1      PLN      DTVPLN      -DTVPL1137
  31      WDKY-DR      DANVILLE KY      297.1      APP      BPRM      -20080620AOU
  31      WPBM-LP      SCOTTSVILLE KY      298.1      CP      BDFCDTA      -20090608ADC
  31      WUBX-LD      DURHAM, ETC. NC      409.6      CP      BDCCDTL      -20061027AAK
  31      W31AZ      HENDERSONVILLE NC      82.3      LIC      BLTTL      -19940525JJ
  31      W31AZ      HENDERSONVILLE NC      82.3      CP      BDFCDTL      -20060403AQZ
  31      W31AN-D      MURPHY NC      67.4      LIC      BLDDT      -20090615AAV
  31      W31DI-D      SPRUCE PINE NC      127.1      LIC      BLDDT      -20090506ABZ
  31      WXII-TV      WINSTON-SALEM NC      291.2      LIC      BLCDT      -20050627AAU
  31      WXII-TV      WINSTON-SALEM NC      291.2      PLN      DTVPLN      -DTVPL1146
  31      WCCB      LANCASTER SC      217.7      APP      BDRTCDT      -20090825BTA
  31      WJNI-LP      NORTH CHARLESTON SC      399.5      CP      BDCCDTL      -20061023AHQ
  31      WJDE-LD      NASHVILLE TN      324.2      CP MOD      BMPDTL      -20090611ACM
  32      NEW      BLAIRSVILLE GA      77.1      APP      BNPDTL      -20090825AGS
  32      W08BP      BEAVER DAM NC      79.3      APP      BDISDTT      -20090928ABZ
  32      NEW      BYRDSTOWN TN      212.6      APP      BNPDTL      -20090826ABK
  30      WSOC      SHELBY NC      187.2      APP      USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station  22

Analysis of current record
Channel      Call      City/State      Application Ref. No.
  31      W31AZ      HENDERSONVILLE NC      BLTTL      -19940525JJ

Stations Potentially Affecting This Station

Chan      Call      City/State      Dist(km) Status      Application Ref. No.

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Figure 2

23	WBTV	CHARLOTTE NC	114.1	LIC	BLCDT	-19991025AEB
23	WBTV	CHARLOTTE NC	114.1	PLN	DTVPLN	-DTVP0844
24	WNEG-TV	TOCCOA GA	110.2	CP MOD	BMPCDT	-20080410ABJ
24	WNEG-TV	TOCCOA GA	110.2	PLN	DTVPLN	-DTVP0872
27	WUNW	CANTON NC	56.0	CP	BPEDT	-20080402AAN
27	WUNW	CANTON NC	56.0	APP	BMPEDT	-20080929AHM
27	WKPT-TV	KINGSPORT TN	134.8	PLN	DTVPLN	-DTVP1008
27	WKPT-TV	KINGSPORT TN	134.8	CP MOD	BMPCDT	-20050303AAJ
30	W35AV	BLACK MOUNTAIN NC	36.4	CP	BDISDTT	-20060330AEX
30	W35AV	BLACK MOUNTAIN NC	36.4	APP	BDISDTT	-20090824ACP
30	W30CS-D	ZIONVILLE NC	134.2	LIC	BLDTT	-20090615AAL
31	WSB-TV	ATHENS GA	191.0	CP	BDRTCT	-20090320AFR
31	WFXG	AUGUSTA GA	210.3	PLN	DTVPLN	-DTVP1131
31	WFXG-DR	AUGUSTA GA	210.3	APP	BPRM	-20080620AON
31	WFXG	AUGUSTA GA	210.3	CP	BPCDT	-20090303ABA
31	WWCG-LP	COLUMBUS GA	385.4	APP	BDISDTL	-20090629AAC
31	WDKY-TV	DANVILLE KY	338.1	CP	BPCDT	-20090323AEA
31	WDKY-TV	DANVILLE KY	338.1	PLN	DTVPLN	-DTVP1137
31	WDKY-DR	DANVILLE KY	338.1	APP	BPRM	-20080620AOU
31	WPBM-LP	SCOTTSVILLE KY	372.4	CP	BDFCDTA	-20090608ADC
31	WUBX-LD	DURHAM, ETC. NC	333.0	CP	BDCCDTL	-20061027AAK
31	W31DH-D	FRANKLIN, ETC NC	82.3	LIC	BLDTT	-20090615AAP
31	WUNU	LUMBERTON NC	312.6	PLN	DTVPLN	-DTVP1145
31	WUNU	LUMBERTON NC	312.6	CP MOD	BMPEDT	-20080617AAP
31	W31AN-D	MURPHY NC	144.7	LIC	BLDTT	-20090615AAV
31	W31DI-D	SPRUCE PINE NC	76.9	LIC	BLDTT	-20090506ABZ
31	WXII-TV	WINSTON-SALEM NC	224.4	LIC	BLCDT	-20050627AAU
31	WXII-TV	WINSTON-SALEM NC	224.4	PLN	DTVPLN	-DTVP1146
31	WCCB	LANCASTER SC	136.5	APP	BDRTCDT	-20090825BTA
31	W31DF-D	MYRTLE BEACH SC	360.7	CP	BDCCDTL	-20061027AEQ
31	WJNI-LP	NORTH CHARLESTON SC	335.0	CP	BDCCDTL	-20061023AHQ
31	WJDE-LD	NASHVILLE TN	405.2	CP MOD	BMPDTL	-20090611ACM
31	WAPW-CA	ABINGDON VA	178.3	LIC	BLTTA	-20030618AAZ
32	NEW	BLAIRSVILLE GA	139.9	APP	BNPDTL	-20090825AGS
32	W08BP	BEAVER DAM NC	32.1	APP	BDISDTT	-20090928ABZ
38	WEMT	GREENEVILLE TN	90.4	LIC	BLCDT	-20050606AHR
38	WEMT	GREENEVILLE TN	90.4	PLN	DTVPLN	-DTVP1376
38	WEMT	GREENEVILLE TN	137.3	CP	BPCDT	-20090521ADA
39	WMYT-TV	ROCK HILL SC	116.9	CP MOD	BMPCDT	-20080319ADB
39	WMYT-TV	ROCK HILL SC	116.9	PLN	DTVPLN	-DTVP1410
45	WYCW	ASHEVILLE NC	10.6	PLN	DTVPLN	-DTVP1620
45	WYCW	ASHEVILLE NC	10.6	CP	BPCDT	-19991101AGU
46	W46AX-D	BRYSON CITY NC	98.4	LIC	BLDTT	-20090615AAU
46	W46EC-D	CANTON, ETC. NC	56.0	LIC	BLDTT	-20090126ABM
30	WSOC	SHELBY NC	105.2	APP	USERRECORD-01	

Proposal causes no interference

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#### Analysis of Interference to Affected Station 23

#### Analysis of current record

Channel	Call	City/State	Application Ref. No.
31	W31AZ	HENDERSONVILLE NC	BDFCDTL -20060403AQZ

#### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
30	W35AV	BLACK MOUNTAIN NC	36.4	CP	BDISDTT -20060330AEX
30	W35AV	BLACK MOUNTAIN NC	36.4	APP	BDISDTT -20090824ACP
30	W30CS-D	ZIONVILLE NC	134.2	LIC	BLDTT -20090615AAL
31	WSB-TV	ATHENS GA	191.0	CP	BDRTCT -20090320AFR
31	WFXG	AUGUSTA GA	210.3	PLN	DTVPLN -DTVP1131
31	WFXG-DR	AUGUSTA GA	210.3	APP	BPRM -20080620AON
31	WFXG	AUGUSTA GA	210.3	CP	BPCDT -20090303ABA
31	WWCG-LP	COLUMBUS GA	385.4	APP	BDISDTL -20090629AAC
31	WDKY-TV	DANVILLE KY	338.1	CP	BPCDT -20090323AEA
31	WDKY-TV	DANVILLE KY	338.1	PLN	DTVPLN -DTVP1137
31	WDKY-DR	DANVILLE KY	338.1	APP	BPRM -20080620AOU
31	WPBM-LP	SCOTTSVILLE KY	372.4	CP	BDFCDTA -20090608ADC
31	WUBX-LD	DURHAM, ETC. NC	333.0	CP	BDCCDTL -20061027AAK

Figure 2

31	W31DH-D	FRANKLIN, ETC NC	82.3	LIC	BLDTT	-20090615AAP
31	WUNU	LUMBERTON NC	312.6	PLN	DTVPLN	-DTVPL1145
31	WUNU	LUMBERTON NC	312.6	CP MOD	BMPEDT	-20080617AAP
31	W31AN-D	MURPHY NC	144.7	LIC	BLDTT	-20090615AAV
31	WHIG-LD	ROCKY MOUNT NC	427.1	CP	BDCCDTL	-20061012AAZ
31	W31DI-D	SPRUCE PINE NC	76.9	LIC	BLDTT	-20090506ABZ
31	WXII-TV	WINSTON-SALEM NC	224.4	LIC	BLCDT	-20050627AAU
31	WXII-TV	WINSTON-SALEM NC	224.4	PLN	DTVPLN	-DTVPL1146
31	WCCB	LANCASTER SC	136.5	APP	BDRTCDT	-20090825BTA
31	W31DF-D	MYRTLE BEACH SC	360.7	CP	BDCCDTL	-20061027AEQ
31	WJNI-LP	NORTH CHARLESTON SC	335.0	CP	BDCCDTL	-20061023AHQ
31	WJDE-LD	NASHVILLE TN	405.2	CP MOD	BMPDTL	-20090611ACM
32	NEW	BLAIRSVILLE GA	139.9	APP	BNPDTL	-20090825AGS
32	W08BP	BEAVER DAM NC	32.1	APP	BDISDTT	-20090928ABZ
30	WSOC	SHELBY NC	105.2	APP	USERRECORD-01	

Total scenarios = 104

Result key: 334  
 Scenario 1 Affected station 23 W31AZ  
 Before Analysis

Results for: 31A NC HENDERSONVILLE BDFCDTL 20060403AQZ CP  
 HAAT 1.0 m, ATV ERP 4.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	612848	5990.5
not affected by terrain losses	483237	4402.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	72484	628.8
lost to ATV IX only	72484	628.8
lost to all IX	72484	628.8

Potential Interfering Stations Included in above Scenario 1

30A NC BLACK MOUNTAIN	BDISDTT	20060330AEX	CP
31A GA ATHENS	BDRTCT	20090320AFR	CP
31A GA AUGUSTA	DTVPLN	DTVPL1131	PLN
31A NC FRANKLIN, ETC	BLDTT	20090615AAP	LIC
31A NC LUMBERTON	DTVPLN	DTVPL1145	PLN
31A NC SPRUCE PINE	BLDTT	20090506ABZ	LIC
31A NC WINSTON-SALEM	BLCDT	20050627AAU	LIC

After Analysis

Results for: 31A NC HENDERSONVILLE BDFCDTL 20060403AQZ CP  
 HAAT 1.0 m, ATV ERP 4.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	612848	5990.5
not affected by terrain losses	483237	4402.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	72541	630.8
lost to ATV IX only	72541	630.8
lost to all IX	72541	630.8

Potential Interfering Stations Included in above Scenario 1

30A NC BLACK MOUNTAIN	BDISDTT	20060330AEX	CP
31A GA ATHENS	BDRTCT	20090320AFR	CP
31A GA AUGUSTA	DTVPLN	DTVPL1131	PLN
31A NC FRANKLIN, ETC	BLDTT	20090615AAP	LIC
31A NC LUMBERTON	DTVPLN	DTVPL1145	PLN
31A NC SPRUCE PINE	BLDTT	20090506ABZ	LIC
31A NC WINSTON-SALEM	BLCDT	20050627AAU	LIC
30A NC SHELBY	USERRECORD01		APP

Percent new IX = 0.0139%  
 Worst case new IX 0.0158% Scenario 9

#####

Figure 2

## Analysis of current record

Channel	Call	City/State	Application	Ref. No.
31	W31DI-D	SPRUCE PINE NC	BLDTT	-20090506ABZ

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
30	W35AV	BLACK MOUNTAIN NC	42.9	CP	BDISDTT	-20060330AEX
30	W35AV	BLACK MOUNTAIN NC	42.9	APP	BDISDTT	-20090824ACP
30	W30CS-D	ZIONVILLE NC	58.2	LIC	BLDTT	-20090615AAL
31	WSB-TV	ATHENS GA	265.2	CP	BDRTCT	-20090320AFR
31	WFXG	AUGUSTA GA	274.9	PLN	DTVPLN	-DTVP1131
31	WFXG-DR	AUGUSTA GA	274.9	APP	BPRM	-20080620AON
31	WFXG	AUGUSTA GA	274.9	CP	BPCDT	-20090303ABA
31	WDKY-TV	DANVILLE KY	297.1	CP	BPCDT	-20090323AEA
31	WDKY-TV	DANVILLE KY	297.1	PLN	DTVPLN	-DTVP1137
31	WDKY-DR	DANVILLE KY	297.1	APP	BPRM	-20080620AOU
31	WPBM-LP	SCOTTSVILLE KY	371.5	CP	BDFCDTA	-20090608ADC
31	WUBX-LD	DURHAM, ETC. NC	289.9	CP	BDCCDTL	-20061027AAK
31	W31DH-D	FRANKLIN, ETC NC	127.1	LIC	BLDTT	-20090615AAP
31	W31AZ	HENDERSONVILLE NC	76.9	LIC	BLTTL	-19940525JJ
31	W31AZ	HENDERSONVILLE NC	76.9	CP	BDFCDTL	-20060403AQZ
31	WUNU	LUMBERTON NC	302.4	PLN	DTVPLN	-DTVP1145
31	WUNU	LUMBERTON NC	302.4	CP MOD	BMPEDT	-20080617AAP
31	W31AN-D	MURPHY NC	194.3	LIC	BLDTT	-20090615AAV
31	WHIG-LD	ROCKY MOUNT NC	389.4	CP	BDCCDTL	-20061012AAZ
31	WXII-TV	WINSTON-SALEM NC	164.9	LIC	BLCDT	-20050627AAU
31	WXII-TV	WINSTON-SALEM NC	164.9	PLN	DTVPLN	-DTVP1146
31	WCCB	LANCASTER SC	151.8	APP	BDRTCDT	-20090825BTA
31	W31DF-D	MYRTLE BEACH SC	377.7	CP	BDCCDTL	-20061027AEQ
31	WJNI-LP	NORTH CHARLESTON SC	375.9	CP	BDCCDTL	-20061023AHQ
31	WJDE-LD	NASHVILLE TN	421.4	CP MOD	BMPDTL	-20090611ACM
31	NEW	CROZET VA	386.1	APP	BNPDTL	-20090825ASX
32	NEW	BLAIRSVILLE GA	200.8	APP	BNPDTL	-20090825AGS
32	W08BP	BEAVER DAM NC	52.7	APP	BDISDTT	-20090928ABZ
32	WSBN-TV	NORTON VA	122.3	LIC	BLEDT	-20030428ABR
32	WSBN-TV	NORTON VA	122.3	PLN	DTVPLN	-DTVP1198
30	WSOC	SHELBY NC	103.9	APP	USERRECORD-01	

Total scenarios = 152

Result key: 438

Scenario	1	Affected station	24	W31DI-D
Before Analysis				

Results for: 31A NC SPRUCE PINE BLDTT 20090506ABZ LIC

HAAT	1.0 m, ATV ERP	0.5 kW
	POPULATION	AREA (sq km)
within Noise Limited Contour	132699	4270.7
not affected by terrain losses	87827	3043.5
lost to NTSC IX	320	21.8
lost to additional IX by ATV	2283	158.2
lost to ATV IX only	2545	179.0
lost to all IX	2603	180.0

Potential Interfering Stations Included in above Scenario 1

31N NC HENDERSONVILLE	BLTTL	19940525JJ	LIC
30A NC BLACK MOUNTAIN	BDISDTT	20060330AEX	CP
30A NC ZIONVILLE	BLDTT	20090615AAL	LIC
31A GA AUGUSTA	DTVPLN	DTVP1131	PLN
31A KY DANVILLE	BPCDT	20090323AEA	CP
31A NC HENDERSONVILLE	BDFCDTL	20060403AQZ	CP
31A NC WINSTON-SALEM	BLCDT	20050627AAU	LIC

After Analysis

Results for: 31A NC SPRUCE PINE BLDTT 20090506ABZ LIC

HAAT	1.0 m, ATV ERP	0.5 kW
	POPULATION	AREA (sq km)

Figure 2

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within Noise Limited Contour      132699      4270.7
not affected by terrain losses    87827      3043.5
lost to NTSC IX                   320        21.8
lost to additional IX by ATV      2307      160.2
lost to ATV IX only              2569      181.0
lost to all IX                   2627      181.9

Potential Interfering Stations Included in above Scenario      1

31N NC HENDERSONVILLE      BLTTL      19940525JJ      LIC
30A NC BLACK MOUNTAIN      BDISDTT      20060330AEX      CP
30A NC ZIONVILLE      BLDTT      20090615AAL      LIC
31A GA AUGUSTA      DTVPLN      DTVPL1131      PLN
31A KY DANVILLE      BPCDT      20090323AEA      CP
31A NC HENDERSONVILLE      BDFCDTL      20060403AQZ      CP
31A NC WINSTON-SALEM      BLCDDT      20050627AAU      LIC
30A NC SHELBY      USERRECORD01      APP

Percent new IX =      0.0282%

Worst case new IX      0.0283% Scenario      11

#####

Analysis of Interference to Affected Station      25

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      WSLN-TV      ROANOKE VA      93.9      PLN      DTVPLN      -DTVPL1118
30      WSLN-TV      ROANOKE VA      93.9      CP      BPCDDT      -20080619ABS
31      WFXG      AUGUSTA GA      354.8      PLN      DTVPLN      -DTVPL1131
31      WFXG-DR      AUGUSTA GA      354.8      APP      BPRM      -20080620AON
31      WFXG      AUGUSTA GA      354.8      CP      BPCDDT      -20090303ABA
31      WDKY-TV      DANVILLE KY      387.7      CP      BPCDDT      -20090323AEA
31      WDKY-TV      DANVILLE KY      387.7      PLN      DTVPLN      -DTVPL1137
31      WDKY-DR      DANVILLE KY      387.7      APP      BPRM      -20080620AOU
31      WUNU      LUMBERTON NC      212.6      PLN      DTVPLN      -DTVPL1145
31      WUNU      LUMBERTON NC      212.6      CP MOD      BMPEDT      -20080617AAP
31      WAVY-TV      PORTSMOUTH VA      348.2      LIC      BLCDDT      -20010409ABP
31      WAVY-TV      PORTSMOUTH VA      348.2      PLN      DTVPLN      -DTVPL1157
32      WUNL-TV      WINSTON-SALEM NC      0.2      CP      BPEDT      -20080617AAL
32      WUNL-TV      WINSTON-SALEM NC      0.3      PLN      DTVPLN      -DTVPL1183
32      WUNL-TV      WINSTON-SALEM NC      0.2      LIC      BLEDDT      -20020717AAH
32      WBSN-TV      NORTON VA      208.8      LIC      BLEDDT      -20030428ABR
32      WBSN-TV      NORTON VA      208.8      PLN      DTVPLN      -DTVPL1198
30      WSOC      SHELBY NC      150.8      APP      USERRECORD-01

Total scenarios =      312

Result key:      590
Scenario      1      Affected station      25      WXII-TV
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      3061292      43979.2
not affected by terrain losses    2744867      40201.6
lost to NTSC IX                   0          0.0
lost to additional IX by ATV      124013      2617.3
lost to ATV IX only              124013      2617.3
lost to all IX                   124013      2617.3

Potential Interfering Stations Included in above Scenario      1

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Figure 2

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30A VA ROANOKE           DTVPLN    DTVP1118    PLN
31A GA AUGUSTA           DTVPLN    DTVP1131    PLN
31A KY DANVILLE        BPCDT     20090323AEA  CP
31A NC LUMBERTON         DTVPLN    DTVP1145    PLN
31A VA PORTSMOUTH        BLCDT     20010409ABP   LIC
32A NC WINSTON-SALEM     BPEDT     20080617AAL   CP

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    3061292    43979.2
not affected by terrain losses  2744867    40201.6
lost to NTSC IX                  0         0.0
lost to additional IX by ATV    129768    2706.7
lost to ATV IX only             129768    2706.7
lost to all IX                  129768    2706.7

Potential Interfering Stations Included in above Scenario    1

30A VA ROANOKE           DTVPLN    DTVP1118    PLN
31A GA AUGUSTA           DTVPLN    DTVP1131    PLN
31A KY DANVILLE        BPCDT     20090323AEA  CP
31A NC LUMBERTON         DTVPLN    DTVP1145    PLN
31A VA PORTSMOUTH        BLCDT     20010409ABP   LIC
32A NC WINSTON-SALEM     BPEDT     20080617AAL   CP
30A NC SHELBY            USERRECORD01    APP

Percent new IX =      0.2196%

Worst case new IX      0.2196% Scenario      49

#####

Analysis of Interference to Affected Station  26

Analysis of current record
Channel      Call          City/State      Application Ref. No.
  31         WCCB          LANCASTER SC      BDRTCDT    -20090825BTA

Stations Potentially Affecting This Station

Chan  Call          City/State      Dist(km) Status Application Ref. No.
  30   W35AV        BLACK MOUNTAIN NC    148.1  CP    BDISDTT    -20060330AEX
  30   W35AV        BLACK MOUNTAIN NC    148.1  APP    BDISDTT    -20090824ACP
  30   W30CS-D      ZIONVILLE NC       174.6  LIC    BLDTT      -20090615AAL
  31   WSB-TV       ATHENS GA           273.0  CP     BDRTCT     -20090320AFR
  31   WFXG         AUGUSTA GA          175.1  PLN    DTVPLN     -DTV1131
  31   WFXG-DR      AUGUSTA GA          175.1  APP    BPRM       -20080620AON
  31   WFXG         AUGUSTA GA          175.1  CP     BPCDT      -20090303ABA
  31   WUBX-LD      DURHAM, ETC. NC     236.0  CP     BDCCDTL    -20061027AAK
  31   W31DH-D      FRANKLIN, ETC NC    217.7  LIC    BLDTT      -20090615AAP
  31   W31AZ        HENDERSONVILLE NC  136.5  CP     BDFCDTL    -20060403AQZ
  31   WUNU         LUMBERTON NC        180.2  PLN    DTVPLN     -DTV1145
  31   WUNU         LUMBERTON NC        180.2  CP MOD  BMPEDT     -20080617AAP
  31   W31AN-D      MURPHY NC           274.4  LIC    BLDTT      -20090615AAV
  31   WHIG-LD      ROCKY MOUNT NC       316.3  CP     BDCCDTL    -20061012AAZ
  31   W31DI-D      SPRUCE PINE NC       151.8  LIC    BLDTT      -20090506ABZ
  31   WXII-TV      WINSTON-SALEM NC     180.3  LIC    BLCDT      -20050627AAU
  31   WXII-TV      WINSTON-SALEM NC     180.3  PLN    DTVPLN     -DTV1146
  31   W31DF-D      MYRTLE BEACH SC      228.1  CP     BDCCDTL    -20061027AEQ
  31   WJNI-LP      NORTH CHARLESTON SC  228.6  CP     BDCCDTL    -20061023AHQ
  31   NEW          CROZET VA           413.7  APP    BNPDTL     -20090825ASX
  32   W08BP        BEAVER DAM NC        154.4  APP    BDISDTT    -20090928ABZ
  32   WRLK-TV      COLUMBIA SC          80.5  LIC    BMLEDT     -20040826AAL
  32   WRLK-TV      COLUMBIA SC          80.5  PLN    DTVPLN     -DTV1191
  32   WRLK-TV      COLUMBIA SC          80.5  CP     BPEDT      -20080620AAC
  30   WSOC         SHELBY NC           49.6  APP    USERRECORD-01

Total scenarios =    10

```

**Figure 2**

```

Result key:      902
Scenario        1 Affected station      26 WCCB
Before Analysis

Results for: 31A SC LANCASTER          BDRTCDT  20090825BTA  APP
  HAAT    1.0 m, ATV ERP    4.5 kW

      POPULATION  AREA (sq km)
within Noise Limited Contour      505117      5521.1
not affected by terrain losses      505117      5521.1
lost to NTSC IX                    0          0.0
lost to additional IX by ATV        6179      254.9
lost to ATV IX only                 6179      254.9
lost to all IX                     6179      254.9

Potential Interfering Stations Included in above Scenario      1

31A GA AUGUSTA      DTVPLN  DTVP1131  PLN
31A NC HENDERSONVILLE  BDFCDTL  20060403AQZ  CP
31A NC LUMBERTON    BMPEDT  20080617AAP  CP
31A NC SPRUCE PINE   BLDTT  20090506ABZ  LIC
31A NC WINSTON-SALEM  BLCDT  20050627AAU  LIC
32A SC COLUMBIA     BPEDT  20080620ACO  CP

After Analysis

Results for: 31A SC LANCASTER          BDRTCDT  20090825BTA  APP
  HAAT    1.0 m, ATV ERP    4.5 kW

      POPULATION  AREA (sq km)
within Noise Limited Contour      505117      5521.1
not affected by terrain losses      505117      5521.1
lost to NTSC IX                    0          0.0
lost to additional IX by ATV        9181      349.6
lost to ATV IX only                 9181      349.6
lost to all IX                     9181      349.6

Potential Interfering Stations Included in above Scenario      1

31A GA AUGUSTA      DTVPLN  DTVP1131  PLN
31A NC HENDERSONVILLE  BDFCDTL  20060403AQZ  CP
31A NC LUMBERTON    BMPEDT  20080617AAP  CP
31A NC SPRUCE PINE   BLDTT  20090506ABZ  LIC
31A NC WINSTON-SALEM  BLCDT  20050627AAU  LIC
32A SC COLUMBIA     BPEDT  20080620ACO  CP
30A NC SHELBY       USERRECORD01  APP

Percent new IX =      0.6017%

Worst case new IX      0.6017% Scenario      1

#####

Analysis of Interference to Affected Station  27

Analysis of current record
Channel    Call      City/State      Application Ref. No.
  31      W31BS      ORANGEBURG SC      BLTTL      -19980529JJ

Stations Potentially Affecting This Station

Chan  Call      City/State      Dist(km) Status Application Ref. No.
  28  WRJA-TV  SUMTER SC      61.0  LIC  BLEDT      -20040805ABA
  28  WRJA-TV  SUMTER SC      61.0  PLN  DTVPLN     -DTVPL1046
  30  WAGT     AUGUSTA GA     94.3  LIC  BLCDT     -20030530AON
  30  WAGT     AUGUSTA GA     94.3  PLN  DTVPLN     -DTVPL1098
  30  W30CV-D  HILTON HEAD ISLAND SC  181.4  CP  BDCCDTL    -20061030AFX
  31  WSB-TV   ATHENS GA     264.8  CP  BDRTCT     -20090320AFR
  31  WFXG     AUGUSTA GA     93.9  PLN  DTVPLN     -DTVPL1131
  31  WFXG-DR  AUGUSTA GA     93.9  APP  BPRM       -20080620AON
  31  WFXG     AUGUSTA GA     93.9  CP  BPCDT      -20090303ABA

```

Figure 2

31	WWCG-LP	COLUMBUS GA	405.9	APP	BDISDTL	-20090629AAC
31	WDMA-CA	MACON GA	276.1	LIC	BLTTA	-20060321ABK
31	NEW	VALDOSTA GA	402.3	APP	BNPDTL	-20090825CAJ
31	WUBX-LD	DURHAM, ETC. NC	314.2	CP	BDCCDTL	-20061027AAK
31	W31DH-D	FRANKLIN, ETC NC	280.1	LIC	BLDTT	-20090615AAP
31	W31AZ	HENDERSONVILLE NC	213.6	CP	BDFCDTL	-20060403AQZ
31	WUNU	LUMBERTON NC	206.0	PLN	DTVPLN	-DTVP1145
31	WUNU	LUMBERTON NC	206.0	CP MOD	BMPEDT	-20080617AAP
31	W31AN-D	MURPHY NC	318.6	LIC	BLDTT	-20090615AAV
31	WHIG-LD	ROCKY MOUNT NC	370.9	CP	BDCCDTL	-20061012AAZ
31	W31DI-D	SPRUCE PINE NC	257.1	LIC	BLDTT	-20090506ABZ
31	WXII-TV	WINSTON-SALEM NC	292.6	LIC	BLCDT	-20050627AAU
31	WXII-TV	WINSTON-SALEM NC	292.6	PLN	DTVPLN	-DTVP1146
31	WCCB	LANCASTER SC	118.0	APP	BDRTCDT	-20090825BTA
31	W31DF-D	MYRTLE BEACH SC	174.4	CP	BDCCDTL	-20061027AEQ
31	WJNI-LP	NORTH CHARLESTON SC	121.4	CP	BDCCDTL	-20061023AHQ
32	WRLK-TV	COLUMBIA SC	37.5	LIC	BMLEDT	-20040826AAL
32	WRLK-TV	COLUMBIA SC	37.5	PLN	DTVPLN	-DTVP1191
32	WRLK-TV	COLUMBIA SC	37.5	CP	BPEDT	-20080620ACO
33	WEBA-TV	ALLENDALE SC	79.4	LIC	BLEDT	-20050915AAY
33	WEBA-TV	ALLENDALE SC	79.4	PLN	DTVPLN	-DTVP1226
39	WKTC	SUMTER SC	39.9	LIC	BLCDT	-20071022BDD
39	WKTC	SUMTER SC	39.9	PLN	DTVPLN	-DTVP1411
45	WJPM-TV	FLORENCE SC	121.8	CP	BPEDT	-20080620ACG
45	WJPM-TV	FLORENCE SC	121.8	PLN	DTVPLN	-DTVP1630
45	WJPM-TV	FLORENCE SC	121.8	LIC	BLEDT	-20050324ACE
46	NEW	AUGUSTA GA	128.7	APP	BNPDTL	-20090825ADI
30	WSOC	SHELBY NC	164.6	APP	USERRECORD-01	

Proposed station is beyond the site to  
nearest cell evaluation distance

#####

#### Analysis of Interference to Affected Station 28

##### Analysis of current record

Channel	Call	City/State	Application Ref. No.
31	WAPW-CA	ABINGDON VA	BLTTA -20030618AAZ

##### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
24	WKPI-TV	PIKEVILLE KY	65.1	LIC	BLEDT -20020313ABL
24	WKPI-TV	PIKEVILLE KY	65.1	PLN	DTVPLN -DTVP0877
27	WKPT-TV	KINGSPORT TN	43.7	PLN	DTVPLN -DTVP1008
27	WKPT-TV	KINGSPORT TN	43.6	CP MOD	BMPCDT -20050303AAJ
30	W35AV	BLACK MOUNTAIN NC	142.0	CP	BDISDTT -20060330AEX
30	W35AV	BLACK MOUNTAIN NC	142.0	APP	BDISDTT -20090824ACP
30	W30CS-D	ZIONVILLE NC	65.8	LIC	BLDTT -20090615AAL
31	WSB-TV	ATHENS GA	356.5	CP	BDRTCT -20090320AFR
31	WFXG	AUGUSTA GA	379.0	PLN	DTVPLN -DTVP1131
31	WFXG-DR	AUGUSTA GA	379.0	APP	BPRM -20080620AON
31	WFXG	AUGUSTA GA	379.0	CP	BPCDT -20090303ABA
31	WDKY-TV	DANVILLE KY	230.6	CP	BPCDT -20090323AEA
31	WDKY-TV	DANVILLE KY	230.6	PLN	DTVPLN -DTVP1137
31	WDKY-DR	DANVILLE KY	230.6	APP	BPRM -20080620AOU
31	WPBM-LP	SCOTTSVILLE KY	356.3	CP	BDFCDTA -20090608ADC
31	WUBX-LD	DURHAM, ETC. NC	297.1	CP	BDCCDTL -20061027AAK
31	W31DH-D	FRANKLIN, ETC NC	200.8	LIC	BLDTT -20090615AAP
31	W31AZ	HENDERSONVILLE NC	178.3	LIC	BLTTL -19940525JJ
31	W31AZ	HENDERSONVILLE NC	178.3	CP	BDFCDTL -20060403AQZ
31	WUNU	LUMBERTON NC	354.0	PLN	DTVPLN -DTVP1145
31	WUNU	LUMBERTON NC	354.0	CP MOD	BMPEDT -20080617AAP
31	W31AN-D	MURPHY NC	260.2	LIC	BLDTT -20090615AAV
31	WHIG-LD	ROCKY MOUNT NC	397.9	CP	BDCCDTL -20061012AAZ
31	W31DI-D	SPRUCE PINE NC	104.6	LIC	BLDTT -20090506ABZ
31	WXII-TV	WINSTON-SALEM NC	159.9	LIC	BLCDT -20050627AAU
31	WXII-TV	WINSTON-SALEM NC	159.9	PLN	DTVPLN -DTVP1146
31	WCCB	LANCASTER SC	240.0	APP	BDRTCDT -20090825BTA
31	NEW	CROZET VA	326.1	APP	BNPDTL -20090825ASX

Figure 2

31	W31CA	CHARLESTON WV	176.1	LIC	BLTT	-20020408AAL
31	KDKA-TV	MORGANTOWN WV	378.1	APP	BDRTCDT	-20090630ADY
32	W08BP	BEAVER DAM NC	148.6	APP	BDISDTT	-20090928ABZ
32	WSBN-TV	NORTON VA	49.2	LIC	BLEDT	-20030428ABR
32	WSBN-TV	NORTON VA	49.2	PLN	DTVPLN	-DTVP1198
38	WEMT	GREENEVILLE TN	105.4	LIC	BLCDT	-20050606AHR
38	WEMT	GREENEVILLE TN	105.4	PLN	DTVPLN	-DTVP1376
38	WEMT	GREENEVILLE TN	41.4	CP	BPCDT	-20090521ADA
46	WVVA	BLUEFIELD WV	93.1	CP MOD	BMPCDT	-20060707ABJ
46	WVVA	BLUEFIELD WV	93.0	PLN	DTVPLN	-DTVP1663
30	WSOC	SHELBY NC	190.7	APP	USERRECORD-01	

Proposed station is beyond the site to  
nearest cell evaluation distance

#####

#### Analysis of Interference to Affected Station 29

##### Analysis of current record

Channel	Call	City/State	Application Ref. No.
38	W38CN	CHARLOTTE NC	BLTT -20011026AAF

##### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
31	WXII-TV	WINSTON-SALEM NC	135.0	LIC	BLCDT -20050627AAU
31	WXII-TV	WINSTON-SALEM NC	135.0	PLN	DTVPLN -DTVP1146
34	WSOC-TV	CHARLOTTE NC	41.3	LIC	BLCDT -20040526ANW
34	WSOC-TV	CHARLOTTE NC	41.3	PLN	DTVPLN -DTVP1257
36	WYFF	GREENVILLE SC	133.0	CP	BPCDT -20080317ABT
36	WYFF	GREENVILLE SC	132.8	PLN	DTVPLN -DTVP1343
38	NEW	ATHENS GA	241.7	APP	BNPDTL -20090825AIU
38	NEW	AUGUSTA GA	222.8	APP	BNPDTL -20090908AES
38	NEW	AUGUSTA GA	218.6	APP	BNPDTL -20090825BBD
38	WBUD-LP	BLAIRSVILLE GA	257.6	LIC	BLTTL -20080626ACE
38	NEW	WARNER ROBINS GA	363.0	APP	BNPDTL -20090825ADZ
38	WUVC-TV	FAYETTEVILLE NC	199.4	PLN	DTVPLN -DTVP1367
38	WUVC-DT	FAYETTEVILLE NC	199.4	CP	BPCDT -20090630ABX
38	WUVC-DT	FAYETTEVILLE NC	199.4	LIC	BLCDT -20060912ACZ
38	NEW	WILMINGTON NC	313.0	APP	BNPDTL -20090825AFH
38	WPJT-DT	GEORGETOWN SC	270.5	CP MOD	BMPEDT -20040503AFV
38	WPJT-DT	GEORGETOWN SC	270.5	PLN	DTVPLN -DTVP1375
38	WEMT	GREENEVILLE TN	158.4	LIC	BLCDT -20050606AHR
38	WEMT	GREENEVILLE TN	158.4	PLN	DTVPLN -DTVP1376
38	WEMT	GREENEVILLE TN	148.8	CP	BPCDT -20090521ADA
38	NEW	CROZET VA	373.1	APP	BNPDTL -20090825ASK
38	NEW	HARRISONBURG VA	405.0	APP	BNPDTL -20090825ARD
39	WMYT-TV	ROCK HILL SC	2.2	CP MOD	BMPCDT -20080319ADB
39	WMYT-TV	ROCK HILL SC	2.2	PLN	DTVPLN -DTVP1410
40	WHKY-TV	HICKORY NC	45.3	PLN	DTVPLN -DTVP1439
40	WHKY-TV	HICKORY NC	40.6	CP	BPCDT -20080619AAH
40	WHKY-TV	HICKORY NC	45.3	LIC	BLCDT -20060630ABW
45	WYCW	ASHEVILLE NC	125.8	PLN	DTVPLN -DTVP1620
45	WYCW	ASHEVILLE NC	125.8	CP	BPCDT -19991101AGU
30	WSOC	SHELBY NC	15.9	APP	USERRECORD-01

Proposal causes no interference

#####

#### Analysis of Interference to Affected Station 30

##### Analysis of current record

Channel	Call	City/State	Application Ref. No.
30	WSOC	SHELBY NC	USERRECORD-01

##### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
------	------	------------	----------	--------	----------------------

Figure 2

29	NEW	ATHENS GA	226.1	APP	BNPDTL	-20090825AJG
29	W08AO	CANTON LAKE NC	152.4	APP	BDISDTT	-20090928ACC
30	WTBS-LD	ATLANTA GA	322.1	CP MOD	BMPDTL	-20090409ATL
30	WAGT	AUGUSTA GA	209.4	LIC	BLCDT	-20030530AON
30	WAGT	AUGUSTA GA	209.4	PLN	DTVPLN	-DTVP1098
30	W35AV	BLACK MOUNTAIN NC	107.0	CP	BDISDTT	-20060330AEX
30	W35AV	BLACK MOUNTAIN NC	107.0	APP	BDISDTT	-20090824ACP
30	WUNC-TV	RALEIGH NC	253.0	CP	BDRTET	-20090428AAD
30	WSFX-TV	WILMINGTON NC	307.6	PLN	DTVPLN	-DTVP1104
30	WSFX-TV	WILMINGTON NC	307.6	CP	BPCDT	-20080929AGO
30	WSFX-TV	WILMINGTON NC	307.6	LIC	BLCDT	-20070213AAS
30	W30CS-D	ZIONVILLE NC	125.5	LIC	BLDTT	-20090615AAL
30	W30CV-D	HILTON HEAD ISLAND SC	345.4	CP	BDCCDTL	-20061030AFX
30	WVLT-TV	KNOXVILLE TN	256.6	LIC	BLCDT	-20040420AAF
30	WVLT-TV	KNOXVILLE TN	256.6	PLN	DTVPLN	-DTVP1113
30	WVLT-TV	KNOXVILLE TN	256.6	CP	BPCDT	-20080618AAM
30	W30CT-D	HARRISONBURG VA	416.0	CP	BDCCDTT	-20061030AOR
30	WSLS-TV	ROANOKE VA	241.0	PLN	DTVPLN	-DTVP1118
30	WSLS-TV	ROANOKE VA	241.0	CP	BPCDT	-20080619ABS
31	W31DH-D	FRANKLIN, ETC NC	187.2	LIC	BLDTT	-20090615AAP
31	W31AZ	HENDERSONVILLE NC	105.2	CP	BDFCDTL	-20060403AQZ
31	W31DI-D	SPRUCE PINE NC	103.9	LIC	BLDTT	-20090506ABZ
31	WCCB	LANCASTER SC	49.6	APP	BDRTCDT	-20090825BTA

Total scenarios = 20

Result key: 912  
 Scenario 1 Affected station 30 WSOC  
 Before Analysis

Results for: 30A NC SHELBY USERRECORD01 APP  
 HAAT 264.0 m, ATV ERP 9.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	939325	7191.8
not affected by terrain losses	939127	7189.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	722	18.9
lost to ATV IX only	722	18.9
lost to all IX	722	18.9

Potential Interfering Stations Included in above Scenario 1

30A GA AUGUSTA	BLCDT	20030530AON	LIC
30A NC BLACK MOUNTAIN	BDISDTT	20060330AEX	CP
30A NC ZIONVILLE	BLDTT	20090615AAL	LIC
30A VA ROANOKE	DTVPLN	DTVP1118	PLN
31A NC HENDERSONVILLE	BDFCDTL	20060403AQZ	CP

Result key: 913  
 Scenario 2 Affected station 30 WSOC  
 Before Analysis

Results for: 30A NC SHELBY USERRECORD01 APP  
 HAAT 264.0 m, ATV ERP 9.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	939325	7191.8
not affected by terrain losses	939127	7189.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	722	18.9
lost to ATV IX only	722	18.9
lost to all IX	722	18.9

Potential Interfering Stations Included in above Scenario 2

30A GA AUGUSTA	BLCDT	20030530AON	LIC
30A NC BLACK MOUNTAIN	BDISDTT	20060330AEX	CP
30A NC ZIONVILLE	BLDTT	20090615AAL	LIC
30A VA ROANOKE	BPCDT	20080619ABS	CP
31A NC HENDERSONVILLE	BDFCDTL	20060403AQZ	CP

Result key: 914  
 Scenario 3 Affected station 30 WSOC

Figure 2

Before Analysis

Results for: 30A NC SHELBY                      USERRECORD01                      APP  
 HAAT 264.0 m, ATV ERP 9.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	939325	7191.8
not affected by terrain losses	939127	7189.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	722	18.9
lost to ATV IX only	722	18.9
lost to all IX	722	18.9

Potential Interfering Stations Included in above Scenario 3

30A GA AUGUSTA	DTVPLN	DTVP1098	PLN
30A NC BLACK MOUNTAIN	BDISDTT	20060330AEX	CP
30A NC ZIONVILLE	BLDDT	20090615AAL	LIC
30A VA ROANOKE	DTVPLN	DTVP1118	PLN
31A NC HENDERSONVILLE	BDFCDTL	20060403AQZ	CP

Result key: 915  
 Scenario 4 Affected station 30 WSOC  
 Before Analysis

Results for: 30A NC SHELBY                      USERRECORD01                      APP  
 HAAT 264.0 m, ATV ERP 9.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	939325	7191.8
not affected by terrain losses	939127	7189.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	722	18.9
lost to ATV IX only	722	18.9
lost to all IX	722	18.9

Potential Interfering Stations Included in above Scenario 4

30A GA AUGUSTA	DTVPLN	DTVP1098	PLN
30A NC BLACK MOUNTAIN	BDISDTT	20060330AEX	CP
30A NC ZIONVILLE	BLDDT	20090615AAL	LIC
30A VA ROANOKE	BPCDT	20080619ABS	CP
31A NC HENDERSONVILLE	BDFCDTL	20060403AQZ	CP

Result key: 916  
 Scenario 5 Affected station 30 WSOC  
 Before Analysis

Results for: 30A NC SHELBY                      USERRECORD01                      APP  
 HAAT 264.0 m, ATV ERP 9.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	939325	7191.8
not affected by terrain losses	939127	7189.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	6745	90.7
lost to ATV IX only	6745	90.7
lost to all IX	6745	90.7

Potential Interfering Stations Included in above Scenario 5

30A GA AUGUSTA	BLCDT	20030530AON	LIC
30A NC BLACK MOUNTAIN	BDISDTT	20060330AEX	CP
30A NC ZIONVILLE	BLDDT	20090615AAL	LIC
30A VA ROANOKE	DTVPLN	DTVP1118	PLN
31A NC HENDERSONVILLE	BDFCDTL	20060403AQZ	CP
31A SC LANCASTER	BDRTCDT	20090825BTA	APP

Result key: 917  
 Scenario 6 Affected station 30 WSOC  
 Before Analysis

Results for: 30A NC SHELBY                      USERRECORD01                      APP  
 HAAT 264.0 m, ATV ERP 9.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	939325	7191.8

Figure 2

not affected by terrain losses	939127	7189.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	722	18.9
lost to ATV IX only	722	18.9
lost to all IX	722	18.9
Potential Interfering Stations Included in above Scenario 6		
30A GA AUGUSTA	BLCDT	20030530AON LIC
30A NC BLACK MOUNTAIN	BDISDTT	20060330AEX CP
30A NC ZIONVILLE	BLDTT	20090615AAL LIC
30A VA ROANOKE	DTVPLN	DTVP1118 PLN
31A NC HENDERSONVILLE	BDFCDTL	20060403AQZ CP
Result key: 918		
Scenario	7 Affected station	30 WSOC
Before Analysis		
Results for: 30A NC SHELBY USERRECORD01 APP		
HAAT 264.0 m, ATV ERP	9.0 kW	
	POPULATION	AREA (sq km)
within Noise Limited Contour	939325	7191.8
not affected by terrain losses	939127	7189.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	6745	90.7
lost to ATV IX only	6745	90.7
lost to all IX	6745	90.7
Potential Interfering Stations Included in above Scenario 7		
30A GA AUGUSTA	BLCDT	20030530AON LIC
30A NC BLACK MOUNTAIN	BDISDTT	20060330AEX CP
30A NC ZIONVILLE	BLDTT	20090615AAL LIC
30A VA ROANOKE	BPCDT	20080619ABS CP
31A NC HENDERSONVILLE	BDFCDTL	20060403AQZ CP
31A SC LANCASTER	BDRTCDT	20090825BTA APP
Result key: 919		
Scenario	8 Affected station	30 WSOC
Before Analysis		
Results for: 30A NC SHELBY USERRECORD01 APP		
HAAT 264.0 m, ATV ERP	9.0 kW	
	POPULATION	AREA (sq km)
within Noise Limited Contour	939325	7191.8
not affected by terrain losses	939127	7189.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	722	18.9
lost to ATV IX only	722	18.9
lost to all IX	722	18.9
Potential Interfering Stations Included in above Scenario 8		
30A GA AUGUSTA	BLCDT	20030530AON LIC
30A NC BLACK MOUNTAIN	BDISDTT	20060330AEX CP
30A NC ZIONVILLE	BLDTT	20090615AAL LIC
30A VA ROANOKE	BPCDT	20080619ABS CP
31A NC HENDERSONVILLE	BDFCDTL	20060403AQZ CP
Result key: 920		
Scenario	9 Affected station	30 WSOC
Before Analysis		
Results for: 30A NC SHELBY USERRECORD01 APP		
HAAT 264.0 m, ATV ERP	9.0 kW	
	POPULATION	AREA (sq km)
within Noise Limited Contour	939325	7191.8
not affected by terrain losses	939127	7189.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	6745	90.7
lost to ATV IX only	6745	90.7
lost to all IX	6745	90.7

Figure 2

Potential Interfering Stations Included in above Scenario				9
30A GA AUGUSTA	BLCDT	20030530AON	LIC	
30A NC BLACK MOUNTAIN	BDISDTT	20090824ACP	APP	
30A NC ZIONVILLE	BLDDTT	20090615AAL	LIC	
30A VA ROANOKE	DTVPLN	DTVP1118	PLN	
31A NC HENDERSONVILLE	BDFCDTL	20060403AQZ	CP	
31A SC LANCASTER	BDRTCDT	20090825BTA	APP	
Result key: 921				
Scenario		10 Affected station	30 WSOC	
Before Analysis				
Results for: 30A NC SHELBY				USERRECORD01 APP
HAAT 264.0 m, ATV ERP		9.0 kW		
	POPULATION	AREA (sq km)		
within Noise Limited Contour	939325	7191.8		
not affected by terrain losses	939127	7189.8		
lost to NTSC IX	0	0.0		
lost to additional IX by ATV	722	18.9		
lost to ATV IX only	722	18.9		
lost to all IX	722	18.9		
Potential Interfering Stations Included in above Scenario				10
30A GA AUGUSTA	BLCDT	20030530AON	LIC	
30A NC BLACK MOUNTAIN	BDISDTT	20090824ACP	APP	
30A NC ZIONVILLE	BLDDTT	20090615AAL	LIC	
30A VA ROANOKE	DTVPLN	DTVP1118	PLN	
31A NC HENDERSONVILLE	BDFCDTL	20060403AQZ	CP	
Result key: 922				
Scenario		11 Affected station	30 WSOC	
Before Analysis				
Results for: 30A NC SHELBY				USERRECORD01 APP
HAAT 264.0 m, ATV ERP		9.0 kW		
	POPULATION	AREA (sq km)		
within Noise Limited Contour	939325	7191.8		
not affected by terrain losses	939127	7189.8		
lost to NTSC IX	0	0.0		
lost to additional IX by ATV	6745	90.7		
lost to ATV IX only	6745	90.7		
lost to all IX	6745	90.7		
Potential Interfering Stations Included in above Scenario				11
30A GA AUGUSTA	BLCDT	20030530AON	LIC	
30A NC BLACK MOUNTAIN	BDISDTT	20090824ACP	APP	
30A NC ZIONVILLE	BLDDTT	20090615AAL	LIC	
30A VA ROANOKE	BPCDT	20080619ABS	CP	
31A NC HENDERSONVILLE	BDFCDTL	20060403AQZ	CP	
31A SC LANCASTER	BDRTCDT	20090825BTA	APP	
Result key: 923				
Scenario		12 Affected station	30 WSOC	
Before Analysis				
Results for: 30A NC SHELBY				USERRECORD01 APP
HAAT 264.0 m, ATV ERP		9.0 kW		
	POPULATION	AREA (sq km)		
within Noise Limited Contour	939325	7191.8		
not affected by terrain losses	939127	7189.8		
lost to NTSC IX	0	0.0		
lost to additional IX by ATV	722	18.9		
lost to ATV IX only	722	18.9		
lost to all IX	722	18.9		
Potential Interfering Stations Included in above Scenario				12
30A GA AUGUSTA	BLCDT	20030530AON	LIC	
30A NC BLACK MOUNTAIN	BDISDTT	20090824ACP	APP	
30A NC ZIONVILLE	BLDDTT	20090615AAL	LIC	



**Figure 2**

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30A VA ROANOKE          BPCDT      20080619ABS  CP
31A NC HENDERSONVILLE BDFCDTL   20060403AQZ  CP

Result key:      924
Scenario        13  Affected station      30  WSOC
Before Analysis

Results for: 30A NC SHELBY          USERRECORD01          APP
HAAT  264.0 m, ATV ERP      9.0 kW

      POPULATION      AREA (sq km)
within Noise Limited Contour      939325      7191.8
not affected by terrain losses      939127      7189.8
lost to NTSC IX                      0          0.0
lost to additional IX by ATV          6745      90.7
lost to ATV IX only                  6745      90.7
lost to all IX                      6745      90.7

Potential Interfering Stations Included in above Scenario      13

30A GA AUGUSTA          DTVPLN      DTVP1098      PLN
30A NC BLACK MOUNTAIN   BDISDTT   20060330AEX  CP
30A NC ZIONVILLE       BLDTT      20090615AAL  LIC
30A VA ROANOKE          DTVPLN      DTVP1118      PLN
31A NC HENDERSONVILLE BDFCDTL   20060403AQZ  CP
31A SC LANCASTER        BDRTCDT    20090825BTA  APP

Result key:      925
Scenario        14  Affected station      30  WSOC
Before Analysis

Results for: 30A NC SHELBY          USERRECORD01          APP
HAAT  264.0 m, ATV ERP      9.0 kW

      POPULATION      AREA (sq km)
within Noise Limited Contour      939325      7191.8
not affected by terrain losses      939127      7189.8
lost to NTSC IX                      0          0.0
lost to additional IX by ATV          722      18.9
lost to ATV IX only                  722      18.9
lost to all IX                      722      18.9

Potential Interfering Stations Included in above Scenario      14

30A GA AUGUSTA          DTVPLN      DTVP1098      PLN
30A NC BLACK MOUNTAIN   BDISDTT   20060330AEX  CP
30A NC ZIONVILLE       BLDTT      20090615AAL  LIC
30A VA ROANOKE          DTVPLN      DTVP1118      PLN
31A NC HENDERSONVILLE BDFCDTL   20060403AQZ  CP

Result key:      926
Scenario        15  Affected station      30  WSOC
Before Analysis

Results for: 30A NC SHELBY          USERRECORD01          APP
HAAT  264.0 m, ATV ERP      9.0 kW

      POPULATION      AREA (sq km)
within Noise Limited Contour      939325      7191.8
not affected by terrain losses      939127      7189.8
lost to NTSC IX                      0          0.0
lost to additional IX by ATV          6745      90.7
lost to ATV IX only                  6745      90.7
lost to all IX                      6745      90.7

Potential Interfering Stations Included in above Scenario      15

30A GA AUGUSTA          DTVPLN      DTVP1098      PLN
30A NC BLACK MOUNTAIN   BDISDTT   20060330AEX  CP
30A NC ZIONVILLE       BLDTT      20090615AAL  LIC
30A VA ROANOKE          BPCDT      20080619ABS  CP
31A NC HENDERSONVILLE BDFCDTL   20060403AQZ  CP
31A SC LANCASTER        BDRTCDT    20090825BTA  APP

Result key:      927
Scenario        16  Affected station      30  WSOC

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Figure 2

## Before Analysis

Results for: 30A NC SHELBY USERRECORD01 APP

HAAT 264.0 m, ATV ERP 9.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	939325	7191.8
not affected by terrain losses	939127	7189.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	722	18.9
lost to ATV IX only	722	18.9
lost to all IX	722	18.9

Potential Interfering Stations Included in above Scenario 16

30A GA AUGUSTA	DTVPLN	DTVP1098	PLN
30A NC BLACK MOUNTAIN	BDISDTT	20060330AEX	CP
30A NC ZIONVILLE	BLDDTT	20090615AAL	LIC
30A VA ROANOKE	BPCDT	20080619ABS	CP
31A NC HENDERSONVILLE	BDFCDTL	20060403AQZ	CP

Result key: 928

Scenario 17 Affected station 30 WSOC

Before Analysis

Results for: 30A NC SHELBY USERRECORD01 APP

HAAT 264.0 m, ATV ERP 9.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	939325	7191.8
not affected by terrain losses	939127	7189.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	6745	90.7
lost to ATV IX only	6745	90.7
lost to all IX	6745	90.7

Potential Interfering Stations Included in above Scenario 17

30A GA AUGUSTA	DTVPLN	DTVP1098	PLN
30A NC BLACK MOUNTAIN	BDISDTT	20090824ACP	APP
30A NC ZIONVILLE	BLDDTT	20090615AAL	LIC
30A VA ROANOKE	DTVPLN	DTVP1118	PLN
31A NC HENDERSONVILLE	BDFCDTL	20060403AQZ	CP
31A SC LANCASTER	BDRTCDT	20090825BTA	APP

Result key: 929

Scenario 18 Affected station 30 WSOC

Before Analysis

Results for: 30A NC SHELBY USERRECORD01 APP

HAAT 264.0 m, ATV ERP 9.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	939325	7191.8
not affected by terrain losses	939127	7189.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	722	18.9
lost to ATV IX only	722	18.9
lost to all IX	722	18.9

Potential Interfering Stations Included in above Scenario 18

30A GA AUGUSTA	DTVPLN	DTVP1098	PLN
30A NC BLACK MOUNTAIN	BDISDTT	20090824ACP	APP
30A NC ZIONVILLE	BLDDTT	20090615AAL	LIC
30A VA ROANOKE	DTVPLN	DTVP1118	PLN
31A NC HENDERSONVILLE	BDFCDTL	20060403AQZ	CP

Result key: 930

Scenario 19 Affected station 30 WSOC

Before Analysis

Results for: 30A NC SHELBY USERRECORD01 APP

HAAT 264.0 m, ATV ERP 9.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	939325	7191.8

Figure 2

not affected by terrain losses	939127	7189.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	6745	90.7
lost to ATV IX only	6745	90.7
lost to all IX	6745	90.7

Potential Interfering Stations Included in above Scenario 19

30A GA AUGUSTA	DTVPLN	DTVP1098	PLN
30A NC BLACK MOUNTAIN	BDISDTT	20090824ACP	APP
30A NC ZIONVILLE	BLDTT	20090615AAL	LIC
30A VA ROANOKE	BPCDT	20080619ABS	CP
31A NC HENDERSONVILLE	BDFCDTL	20060403AQZ	CP
31A SC LANCASTER	BDRTCDT	20090825BTA	APP

Result key: 931  
Scenario 20 Affected station 30 WSOC  
Before Analysis

Results for: 30A NC SHELBY USERRECORD01 APP  
HAAT 264.0 m, ATV ERP 9.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	939325	7191.8
not affected by terrain losses	939127	7189.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	722	18.9
lost to ATV IX only	722	18.9
lost to all IX	722	18.9

Potential Interfering Stations Included in above Scenario 20

30A GA AUGUSTA	DTVPLN	DTVP1098	PLN
30A NC BLACK MOUNTAIN	BDISDTT	20090824ACP	APP
30A NC ZIONVILLE	BLDTT	20090615AAL	LIC
30A VA ROANOKE	BPCDT	20080619ABS	CP
31A NC HENDERSONVILLE	BDFCDTL	20060403AQZ	CP

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