

ORIGINAL



May 4, 2011

FILED/ACCEPTED

Ms. Marlene H. Dortch
Secretary
Federal Communications Commission
445 12th Street, S.W.
Washington, DC 20554

MAY - 4 2011

Federal Communications Commission
Office of the Secretary

Attention: Video Division
Media Bureau

Re: WJHL-TV, Johnson City, Tennessee
Facility I.D. No. 57826
Petition to Amend the Table of DTV Allotments

Dear Ms. Dortch:

On behalf of Media General Communications Holdings, LLC, licensee of commercial television station WJHL-TV, Johnson City, Tennessee, we hereby transmit an original and four copies of a *Petition for Rule Making* requesting the substitution of Channel 29 for Channel 11 at Johnson City, Tennessee in the Table of DTV Allotments.

If any additional information is needed in connection with this matter, please contact me.

Very truly yours,

M. Anne Swanson
Scott S. Patrick

Enclosure

No. of Copies rec'd 0+4
DATE

MB Video 11-22

**Before the
FEDERAL COMMUNICATIONS COMMISSION
Washington, D.C. 20554**

FILED/ACCEPTED

MAY - 4 2011

Federal Communications Commission
Office of the Secretary

In the Matter of)
)
Amendment of Section 73.622(i)) MB Docket No. _____
Post-Transition Table of Allotments,) RM- _____
Digital Television Broadcast Stations)
(Johnson City, Tennessee))

To: Office of the Secretary
Attn: Chief, Video Division
Media Bureau

**PETITION FOR RULE MAKING
TO AMEND THE TABLE OF DTV ALLOTMENTS**

By its attorneys and pursuant to Sections 1.401, 73.616, and 73.622(a) of the Commission's Rules,¹ Media General Communications Holdings, LLC ("Licensee"), licensee of WJHL-TV, Johnson City, Tennessee (the "Station"), hereby respectfully petitions the Commission to institute a rulemaking to amend Section 73.622(i), the Post-Transition Table of DTV Allotments, by substituting Channel 29 as the Station's allotment in lieu of Channel 11.

Specifically, the Post-Transition Table of DTV Allotments would be amended as follows:

	<u>Present</u>	<u>Proposed</u>
Johnson City, Tennessee	<u>11</u>	<u>29</u>

Having operated on DTV Channel 11 now for over a year-and-a-half, Licensee believes operation on Channel 29 would offer more meaningful replication of the traditional analog

¹ 47 C.F.R. §§ 1.401, 73.616, 73.622(a).

service area. As set forth in the attached Technical Exhibit, the proposed operation is not predicted to cause impermissible interference to any other station and complies with the Commission's other rules and policies.² The antenna pattern is non-directional.

For the convenience of the Commission, the chart below shows the proposed parameters:

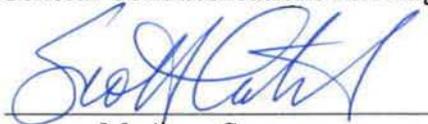
Facility ID	State and City		DTV					
			Ch	ERP kW	HAAT (m)	RCAMSL (m)	Latitude (DDMMSS)	Longitude (DDMMSS)
57826	TN	JOHNSON CITY	29	917	708	1332.1	362555	0820815

For the foregoing reasons, Licensee respectfully requests that the Commission amend the Post-Transition Table of DTV Allotments as proposed. Adoption would serve the public interest by permitting the Station to provide a more meaningful replication of service.

Very truly yours,

Media General Communications Holdings, LLC

By:



M. Anne Swanson
Scott S. Patrick

Dow Lohnes PLLC
1200 New Hampshire Avenue, N.W., Suite 800
Washington, D.C. 20036-6802
(202) 776-2000

Its Attorneys

Dated: May 4, 2011

² As explained in the Technical Exhibit, the proposed ERP and HAAT exceed the maximums normally permitted in Section 73.622(f)(8), but because the proposed service area closely replicates the current service area, the proposal is permissible under 73.622(f)(5). To the extent necessary, waiver is requested.

ATTACHMENT A

Technical Exhibit

TECHNICAL EXHIBIT
PETITION FOR RULE MAKING TO
MODIFY THE DTV TABLE OF ALLOTMENTS
STATION WJHL-TV
JOHNSON CITY, TENNESSEE

This Technical Exhibit was prepared on behalf of television station WJHL-TV assigned to Johnson City, Tennessee in support of a *Petition for Rule Making* to modify the DTV allotment of WJHL-TV to substitute UHF channel 29 for the current high VHF channel 11 DTV allotment.

Station WJHL-TV proposes to operate on UHF channel 29 at its current site (36-25-55, 82-08-15, NAD-27) with an effective radiated power (ERP) of 917 kilowatts (kW) employing a non-directional (ND) antenna system with an antenna height above average terrain (HAAT) of 708 meters. This is the same transmitter site and radiation center elevation that WJHL-TV employs for its current post transition digital facility on channel 11.

The following details the WJHL-TV proposed DTV allotment facilities:

Facility ID	State & City		NTSC		DTV						
			Chan	Chan	ERP (kW)	HAAT (m)	Latitude (DDMMSS)	Longitude (DDMMSS)	Area (sq km)	Population (thousand)	Percent IX Received
57826	TN	Johnson City	--	29	917	708	36-25-55	82-08-15	38394	1391	3.3
Non-Directional Antenna, Rc = 1332.1 m AMSL											

Although the proposed WJHL-TV effective radiated power and antenna height above average terrain exceeds the maximum normally permitted height/power combination contained in Section 73.622(f)(8) of the Commission's Rules, the proposed facilities closely replicate the present WJHL-TV noise limited coverage.

Domestic Allocation Concerns

The proposed WJHL-TV allotment facilities comply with the 0.5 percent interference standard adopted by the FCC for post-transition DTV operations as shown in Figure 1 to all other known stations. It is noted that the interference study is based on a cell size of 1 kilometer and terrain increment of 0.1 kilometer.

Population Served

The herein proposed WJHL-TV Channel 29 facility will provide principal city coverage to all of Johnson City, Tennessee and is predicted to serve 1,390,681 persons, post-transition over an area of 38,394 square kilometers.¹

John A. Lundin
du Treil, Lundin & Rackley, Inc.
201 Fletcher Avenue
Sarasota, Florida 34237
(941) 329-6000

May 2, 2011

¹ These population and area served values are based upon the OET-69 DTV coverage and interference prediction model using the greater resolution cell size (1 km) and terrain increment (0.1 km). All population values reported in this technical exhibit are based upon the 2000 Census.

TECHNICAL EXHIBIT
PETITION FOR RULE MAKING TO
MODIFY THE DTV TABLE OF ALLOTMENTS
STATION WJHL-TV
JOHNSON CITY, TENNESSEE

OET-69 Allocation Analysis

Percent allowed new interference: 0.500
 Percent allowed new interference to non Class A LPTV: 2.000
 TW Census data selected 2000
 Data Base Selected
 /export/home/cdbs/pt_tvdb.sff
 TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 05-02-2011 Time: 15:11:50

Record Selected for Analysis

WJHL-DT USERRECORD-01 JOHNSON CITY TN US
 Channel 29 ERP 917. kW HAAT 708. m RCAMSL 01332 m
 Latitude 036-25-55 Longitude 0082-08-15
 Status APP Zone 2 Border Site number: 01

Cell Size for Service Analysis 1.0 km/side
 Distance Increments for Longley-Rice Analysis 0.10 km

Facility (site # 01) does not meet maximum height/power limits
 Channel 29 ERP = 917.00 HAAT = 708.

Site number	1			
Azimuth	ERP	HAAT	41.0 dBu F(50,90)	
(Deg)	(kW)	(m)	(km)	
0.0	903.929	819.2	129.8	
45.0	917.000	656.2	122.8	
90.0	917.000	481.8	112.3	
135.0	917.000	624.0	121.0	
180.0	917.000	704.5	125.2	
225.0	917.000	711.7	125.6	
270.0	904.050	818.3	129.7	
315.0	900.345	846.0	130.7	

Evaluation toward Class A Stations from site # 01

Contour overlap to Class A station
 WKPT-LP 25 KINGSPORT TN BLTT 19871119IB

Station inside contour of Class A station
 WAPK-CA 36 KINGSPORT TN BLTTA 20030618AAX

Class A Evaluation Complete

Checks to Site Number 01

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

Start of Interference Analysis

Channel	Proposed Station		ARN
	Call	City/State	
29	WJHL-DT	JOHNSON CITY TN	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
14	WAPG-CA	GREENEVILLE TN	68.9	LIC	BLTTA	20030709AAE
25	WKPT-LP	KINGSPORT TN	41.5	LIC	BLTT	19871119IB
25	WKPT-LP	KINGSPORT TN	41.5	APP	BSTA	20060331AXC
28	WGTB-LP	CHARLOTTE NC	185.2	APP	BDFCDTA	20091211ACU
29	WXIX-TV	NEWPORT KY	366.3	LIC	BLCDT	20000908ABI
29	WUNJ-TV	WILMINGTON NC	424.8	LIC	BLEDT	20080821AAH
29	WXLV-TV	WINSTON-SALEM NC	216.9	CP	BPCDT	19991101ACF
29	WTCI	CHATTANOOGA TN	314.3	LIC	BLEDT	20060629ACO
30	WVLT-TV	KNOXVILLE TN	170.2	LIC	BLCDT	20040420AAF
30	WVLT-TV	KNOXVILLE TN	170.2	CP	BPCDT	20080618AAM
30	WSLS-TV	ROANOKE VA	196.5	CP	BPCDT	20080619ABS
31	WAPW-CA	ABINGDON VA	43.6	LIC	BLTTA	20030618AAZ
36	WAPK-CA	KINGSPORT TN	0.0	LIC	BLTTA	20030618AAX

%%%

Analysis of Interference to Affected Station 1

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
14	WAPG-CA	GREENEVILLE TN	BLTTA	-20030709AAE

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
14	WKSO-TV	SOMERSET KY	227.2	LIC	BLEDT	-20020304ALK
14	WGPX-TV	BURLINGTON NC	275.8	LIC	BLCDT	-20060418ADO
14	WGPX-TV	BURLINGTON NC	275.8	CP	BPCDT	-20080620AFW
14	W14AS	WEST ASHEVILLE NC	51.2	CP	BDFCDTT	-20060314ACB
14	W14AS	WEST ASHEVILLE NC	51.2	LIC	BLTT	-19890109IG
14	WMYA-TV	ANDERSON SC	158.2	CP MOD	BMPCDT	-20080620ADM
14	W14AQ	HARROGATE TN	105.6	LIC	BLTTL	-19900206JD
14	W14CX-D	KNOXVILLE TN	111.6	LIC	BLDTL	-20090729ACQ
16	WKHA	HAZARD KY	136.7	LIC	BLEDT	-20020205AAW
16	WGGS-TV	GREENVILLE SC	123.5	LIC	BLCDT	-20090612ABO
16	WGGS-TV	GREENVILLE SC	123.5	CP MOD	BMPCDT	-20080619AAM
17	WUNE-TV	LINVILLE NC	78.6	LIC	BLEDT	-20091118ADR
17	WKOP-TV	KNOXVILLE TN	111.6	LIC	BLEDT	-20040405ACC
21	WHNS	GREENVILLE SC	93.5	CP MOD	BMPCDT	-20080619AFO
29	WJHL-DT	JOHNSON CITY TN	68.9	APP	USERRECORD-01	

Proposed station is beyond the site to nearest cell evaluation distance

%%%

Analysis of Interference to Affected Station 2

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
25	WKPT-LP	KINGSPORT TN	BLTT	-19871119IB

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
17	WUNE-TV	LINVILLE NC	84.2	LIC	BLEDT	-20091118ADR

17	WKOP-TV	KNOXVILLE TN	136.2	LIC	BLEDT	-20040405ACC
23	WPXK-TV	JELLYCO TN	134.7	CP	BPCDT	-20080620AGZ
24	WKPI-TV	PIKEVILLE KY	84.5	LIC	BLEDT	-20020313ABL
25	WATL	ATLANTA GA	341.6	LIC	BLCDT	-20020716AAH
25	WUNF-TV	ASHEVILLE NC	123.3	CP MOD	BMPEDT	-20090511ANS
25	WJTV-LP	ASHEVILLE NC	111.4	LIC	BLTTL	-19990120JB
25	WUNF-TV	ASHEVILLE NC	123.3	CP	BPEDT	-20080619AEH
25	WUNF-TV	ASHEVILLE NC	134.5	CP MOD	BMPEDT	-20090511ANS
25	WUNF-TV	ASHEVILLE NC	123.3	LIC	BLEDT	-20030401BAI
25	WUNC-TV	CHAPEL HILL NC	315.5	LIC	BLEDT	-20090824ABP
25	WDMC-LP	CHARLOTTE NC	222.2	CP	BPTTL	-20060323ABK
25	W25AY-D	JEFFERSON NC	98.4	LIC	BLDTT	-20100503ABO
25	WTVF-DR	NASHVILLE TN	376.9	APP	BPFS	-20100830ACL
27	WUNW	CANTON NC	110.3	CP	BPEDT	-20110114ABP
27	WKPT-TV	KINGSPORT TN	41.6	CP MOD	BMPCDT	-20050303AAJ
32	WSBN-TV	NORTON VA	41.4	LIC	BLEDT	-20030428ABR
40	WHKY-TV	HICKORY NC	143.4	CP	BPCDT	-20080619AAH
40	WHKY-TV	HICKORY NC	143.2	LIC	BLCDT	-20060630ABW
40	WHKY-TV	HICKORY NC	143.4	CP MOD	BMPCDT	-20090310ADE
40	WLFV	BLUEFIELD WV	140.8	LIC	BLCDT	-20090622ADS
29	WJHL-DT	JOHNSON CITY TN	41.5	APP	USERRECORD-01	
40	WHKY-TV	HICKORY NC		CP MOD	BMPCDT	-20090310ADE

Total scenarios = 3

Result key: 1
Scenario 1 Affected station 2 (worst case scenario)
Before Analysis

Results for: 25N TN KINGSPORT

	BLTT	19871119IB	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	160142	1731.5	
not affected by terrain losses	154929	1582.5	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	195	8.8	
lost to all IX	195	8.8	

Potential Interfering Stations Included in above Scenario 1

25A NC ASHEVILLE BMPEDT 20090511ANS CP

After Analysis

Results for: 25N TN KINGSPORT

	BLTT	19871119IB	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	160142	1731.5	
not affected by terrain losses	154929	1582.5	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	515	11.8	
lost to all IX	515	11.8	

Potential Interfering Stations Included in above Scenario 1

25A NC ASHEVILLE BMPEDT 20090511ANS CP
29A TN JOHNSON CITY USERRECORD01 APP

Percent new IX = 0.1998%

Worst case new IX 0.1998% Scenario 1

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Analysis of Interference to Affected Station 3

Analysis of current record

Channel	Call	City/State	Application Ref. No.
25	WKPT-LP	KINGSPORT TN	BSTA -20060331AXC

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
17	WUNE-TV	LINVILLE NC	84.2	LIC	BLEDT -20091118ADR
17	WKOP-TV	KNOXVILLE TN	136.2	LIC	BLEDT -20040405ACC
23	WPXK-TV	JELICO TN	134.7	CP	BPCDT -20080620AGZ
24	WKPI-TV	PIKEVILLE KY	84.5	LIC	BLEDT -20020313ABL
25	WATL	ATLANTA GA	341.6	LIC	BLCDDT -20020716AAH
25	WUNF-TV	ASHEVILLE NC	123.3	CP MOD	BMPEDT -20090511ANS
25	WJVV-LP	ASHEVILLE NC	111.4	LIC	BLTTL -19990120JB
25	WUNF-TV	ASHEVILLE NC	123.3	CP	BPEDT -20080619AEH
25	WUNF-TV	ASHEVILLE NC	134.5	CP MOD	BMPEDT -20090511ANS
25	WUNF-TV	ASHEVILLE NC	123.3	LIC	BLEDT -20030401BAI
25	WUNC-TV	CHAPEL HILL NC	315.5	LIC	BLEDT -20090824ABP
25	WDMC-LP	CHARLOTTE NC	222.2	CP	BPTTL -20060323ABK
25	W25AY-D	JEFFERSON NC	98.4	LIC	BLDTT -20100503ABO
25	WTVF-DR	NASHVILLE TN	376.9	APP	BPFS -20100830ACL
27	WUNW	CANTON NC	110.3	CP	BPEDT -20110114ABP
27	WKPT-TV	KINGSPORT TN	41.6	CP MOD	BMPCDT -20050303AAJ
32	WSBN-TV	NORTON VA	41.4	LIC	BLEDT -20030428ABR
40	WHKY-TV	HICKORY NC	143.4	CP	BPCDT -20080619AAH
40	WHKY-TV	HICKORY NC	143.2	LIC	BLCDDT -20060630ABW
40	WHKY-TV	HICKORY NC	143.4	CP MOD	BMPCDT -20090310ADE
40	WLFB	BLUEFIELD WV	140.8	LIC	BLCDDT -20090622ADS
29	WJHL-DT	JOHNSON CITY TN	41.5	APP	USERRECORD-01
40	WHKY-TV	HICKORY NC		CP MOD	BMPCDT -20090310ADE

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.
28	WGTB-LP	CHARLOTTE NC	BDFCDTA -20091211ACU

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
27	WCCB	CHARLOTTE NC	4.7	LIC	BLCDDT -20020227AAZ
28	WDWW-LP	CLEVELAND GA	296.3	LIC	BLTTL -20070215AAL
28	WRDC	DURHAM NC	200.4	CP MOD	BMPCDT -20080620AJU
28	WTGS	HARDEEVILLE SC	361.4	LIC	BLCDDT -20090706AEU
28	W28DB-D	HONEA PATH SC	160.6	LIC	BLDTT -20100825AAD
28	WRJA-TV	SUMTER SC	157.0	LIC	BLEDT -20040805ABA
28	WCYB-TV	BRISTOL VA	184.7	APP	BDRTCDT -20090824ABQ
28	W28DC-D	ROANOKE, ETC. VA	221.0	CP	BDCCDTL -20061019ACM
29	WXLV-TV	WINSTON-SALEM NC	103.8	CP	BPCDT -19991101ACF
29	WJHL-DT	JOHNSON CITY TN	185.2	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 5

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
29	WXIX-TV	NEWPORT KY	BLCDT	-20000908ABI

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
28	WPTO	OXFORD OH	0.0	LIC	BLEDT	-20040714AAQ
29	WMAQ-TV	CHICAGO IL	402.5	LIC	BLCDT	-20010531ACY
29	WTTK	KOKOMO IN	165.5	LIC	BLCDT	-20090930ABD
29	WGTE-TV	TOLEDO OH	297.2	LIC	BLEDT	-20031110AKO
30	WRGT-TV	DAYTON OH	71.5	CP	BPCDT	-19991101ADJ
29	WJHL-DT	JOHNSON CITY TN	366.3	APP	USERRECORD-01	

Total scenarios = 1

Result key: 4
Scenario 1 Affected station 5
Before Analysis

Results for: 29A KY NEWPORT BLCDT 20000908ABI LIC
HAAT 290.0 m, ATV ERP 227.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2705635	19521.6
not affected by terrain losses	2694822	19390.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	329044	1949.7
lost to ATV IX only	329044	1949.7
lost to all IX	329044	1949.7

Potential Interfering Stations Included in above Scenario 1

29A IN KOKOMO	BLCDT	20090930ABD	LIC
29A OH TOLEDO	BLEDT	20031110AKO	LIC
30A OH DAYTON	BPCDT	19991101ADJ	CP

After Analysis

Results for: 29A KY NEWPORT BLCDT 20000908ABI LIC
HAAT 290.0 m, ATV ERP 227.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2705635	19521.6
not affected by terrain losses	2694822	19390.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	329044	1950.7
lost to ATV IX only	329044	1950.7
lost to all IX	329044	1950.7

Potential Interfering Stations Included in above Scenario 1

29A IN KOKOMO	BLCDT	20090930ABD	LIC
29A OH TOLEDO	BLEDT	20031110AKO	LIC
30A OH DAYTON	BPCDT	19991101ADJ	CP
29A TN JOHNSON CITY	USERRECORD01		APP

Percent new IX = 0.0000%

Worst case new IX 0.0000% Scenario 1

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Analysis of Interference to Affected Station 6

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
29	WUNJ-TV	WILMINGTON NC	BLEDT	-20080821AAH

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
28	WRDC	DURHAM NC	153.2	CP MOD	BMPCDT	-20080620AJU
28	WRJA-TV	SUMTER SC	194.2	LIC	BLEDT	-20040805ABA
29	WXLV-TV	WINSTON-SALEM NC	224.9	CP	BPCDT	-19991101ACF
29	WVBT	VIRGINIA BEACH VA	318.2	CP	BPCDT	-20080619AJD
29	WVBT	VIRGINIA BEACH VA	318.2	LIC	BLCDT	-20020326ABB
30	WSFX-TV	WILMINGTON NC	21.4	LIC	BLCDT	-20070213AAS
30	WSFX-TV	WILMINGTON NC	21.4	CP	BPCDT	-20080929AGO
29	WJHL-DT	JOHNSON CITY TN	424.8	APP	USERRECORD-01	

Proposal causes no interference

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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

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	WRJA-TV	SUMTER SC	224.5	LIC	BLEDT	-20040805ABA
29	WUNJ-TV	WILMINGTON NC	224.9	LIC	BLEDT	-20080821AAH
29	WVBT	VIRGINIA BEACH VA	314.9	CP	BPCDT	-20080619AJD
29	WVBT	VIRGINIA BEACH VA	314.9	LIC	BLCDT	-20020326ABB
30	WSLS-TV	ROANOKE VA	151.0	CP	BPCDT	-20080619ABS
29	WJHL-DT	JOHNSON CITY TN	216.9	APP	USERRECORD-01	

Total scenarios = 2

Result key: 6

Scenario 2 Affected station 7 (worst case scenario)

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	3652251	38913.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	250910	1804.5
lost to ATV IX only	250910	1804.5
lost to all IX	250910	1804.5

Potential Interfering Stations Included in above Scenario 2

28A NC DURHAM	BMPCDT	20080620AJU	CP
29A NC WILMINGTON	BLEDT	20080821AAH	LIC
29A VA VIRGINIA BEACH	BLCDDT	20020326ABB	LIC
30A VA ROANOKE	BPCDDT	20080619ABS	CP

After Analysis

Results for: 29A NC WINSTON-SALEM BPCDDT 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	3652251	38913.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	257713	1951.8
lost to ATV IX only	257713	1951.8
lost to all IX	257713	1951.8

Potential Interfering Stations Included in above Scenario 2

28A NC DURHAM	BMPCDT	20080620AJU	CP
29A NC WILMINGTON	BLEDT	20080821AAH	LIC
29A VA VIRGINIA BEACH	BLCDDT	20020326ABB	LIC
30A VA ROANOKE	BPCDDT	20080619ABS	CP
29A TN JOHNSON CITY	USERRECORD01		APP

Percent new IX = 0.2000%

Worst case new IX 0.2000% Scenario 2

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Analysis of Interference to Affected Station 8

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
29	WTCI	CHATTANOOGA TN	BLEDT	-20060629ACO

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
29	WBIH	SELMA AL	329.6	LIC	BLCDDT	-20090619AAY
29	WKNO	MEMPHIS TN	412.6	CP MOD	BMPEDT	-20021112ACA
29	WKNO	MEMPHIS TN	412.6	LIC	BLEDT	-20060627ABE
30	WVLT-TV	KNOXVILLE TN	148.4	LIC	BLCDDT	-20040420AAF
30	WVLT-TV	KNOXVILLE TN	148.4	CP	BPCDDT	-20080618AAM
29	WJHL-DT	JOHNSON CITY TN	314.3	APP	USERRECORD-01	

Total scenarios = 2

Result key: 7

Scenario 1 Affected station 8 (worst case scenario)
 Before Analysis

Results for: 29A TN CHATTANOOGA BLEDT 20060629ACO LIC
 HAAT 336.0 m, ATV ERP 200.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1085134	24165.3
not affected by terrain losses	985772	20647.3

lost to NTSC IX	0	0.0
lost to additional IX by ATV	9891	205.7
lost to ATV IX only	9891	205.7
lost to all IX	9891	205.7

Potential Interfering Stations Included in above Scenario 1

29A AL SELMA	BLCDT	20090619AAY	LIC
30A TN KNOXVILLE	BLCDT	20040420AAF	LIC

After Analysis

Results for: 29A TN CHATTANOOGA BLEDT 20060629ACO LIC
 HAAT 336.0 m, ATV ERP 200.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1085134	24165.3
not affected by terrain losses	985772	20647.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	11551	250.6
lost to ATV IX only	11551	250.6
lost to all IX	11551	250.6

Potential Interfering Stations Included in above Scenario 1

29A AL SELMA	BLCDT	20090619AAY	LIC
30A TN KNOXVILLE	BLCDT	20040420AAF	LIC
29A TN JOHNSON CITY	USERRECORD01		APP

Percent new IX = 0.1701%

Worst case new IX 0.1701% Scenario 1

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Analysis of Interference to Affected Station 9

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	LIC	BLEDT	-20060629ACO
30	WIAT	BIRMINGHAM AL	381.7	LIC	BLCDT	-20021219AAV
30	WLGA-DR	OPELIKA AL	415.6	APP	BPRM	-20090722ACP
30	WLGA	OPELIKA AL	415.6	CP	BPCDT	-20091105ADF
30	WAGT	AUGUSTA GA	347.1	LIC	BLCDT	-20030530AON
30	WKOH	OWENSBORO KY	363.8	LIC	BLEDT	-20020304ALJ
30	WRGT-TV	DAYTON OH	415.3	CP	BPCDT	-19991101ADJ
30	WSLS-TV	ROANOKE VA	365.2	CP	BPCDT	-20080619ABS
31	WDKY-TV	DANVILLE KY	212.0	CP	BPCDT	-20090323AEA
31	WDKY-DR	DANVILLE KY	212.0	APP	BPRM	-20080620AOU
29	WJHL-DT	JOHNSON CITY TN	170.2	APP	USERRECORD-01	

Total scenarios = 1

Result key: 9
 Scenario 1 Affected station 9
 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	1374448	32082.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	6672	213.3
lost to ATV IX only	6672	213.3
lost to all IX	6672	213.3

Potential Interfering Stations Included in above Scenario 1

29A TN CHATTANOOGA	BLEDT	20060629ACO	LIC
30A AL BIRMINGHAM	BLCDT	20021219AAV	LIC
30A KY OWENSBORO	BLEDT	20020304ALJ	LIC
30A VA ROANOKE	BPCDT	20080619ABS	CP

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	1374448	32082.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	13458	304.2
lost to ATV IX only	13458	304.2
lost to all IX	13458	304.2

Potential Interfering Stations Included in above Scenario 1

29A TN CHATTANOOGA	BLEDT	20060629ACO	LIC
30A AL BIRMINGHAM	BLCDT	20021219AAV	LIC
30A KY OWENSBORO	BLEDT	20020304ALJ	LIC
30A VA ROANOKE	BPCDT	20080619ABS	CP
29A TN JOHNSON CITY	USERRECORD01		APP

Percent new IX = 0.4961%

Worst case new IX 0.4961% Scenario 1

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Analysis of Interference to Affected Station 10

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	LIC	BLEDT	-20060629ACO
30	WIAT	BIRMINGHAM AL	381.7	LIC	BLCDT	-20021219AAV
30	WLGA-DR	OPELIKA AL	415.6	APP	BPRM	-20090722ACP
30	WLGA	OPELIKA AL	415.6	CP	BPCDT	-20091105ADF
30	WAGT	AUGUSTA GA	347.1	LIC	BLCDT	-20030530AON
30	WKOH	OWENSBORO KY	363.8	LIC	BLEDT	-20020304ALJ
30	WRGT-TV	DAYTON OH	415.3	CP	BPCDT	-19991101ADJ

30	WSLS-TV	ROANOKE VA	365.2	CP	BPCDT	-20080619ABS
31	WDKY-TV	DANVILLE KY	212.0	CP	BPCDT	-20090323AEA
31	WDKY-DR	DANVILLE KY	212.0	APP	BPRM	-20080620AOU
29	WJHL-DT	JOHNSON CITY TN	170.2	APP	USERRECORD-01	

Total scenarios = 1

Result key: 10
 Scenario 1 Affected station 10
 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	1478411	36631.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	8234	248.9
lost to ATV IX only	8234	248.9
lost to all IX	8234	248.9

Potential Interfering Stations Included in above Scenario 1

29A TN CHATTANOOGA	BLEDT	20060629ACO	LIC
30A AL BIRMINGHAM	BLCDT	20021219AAV	LIC
30A KY OWENSBORO	BLEDT	20020304ALJ	LIC
30A VA ROANOKE	BPCDT	20080619ABS	CP

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	1478411	36631.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	14457	382.2
lost to ATV IX only	14457	382.2
lost to all IX	14457	382.2

Potential Interfering Stations Included in above Scenario 1

29A TN CHATTANOOGA	BLEDT	20060629ACO	LIC
30A AL BIRMINGHAM	BLCDT	20021219AAV	LIC
30A KY OWENSBORO	BLEDT	20020304ALJ	LIC
30A VA ROANOKE	BPCDT	20080619ABS	CP
29A TN JOHNSON CITY	USERRECORD01		APP

Percent new IX = 0.4233%

Worst case new IX 0.4233% Scenario 1

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Analysis of Interference to Affected Station 11

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
30	WSLS-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
30	WSFX-TV	WILMINGTON NC	384.3	LIC	BLCDT	-20070213AAS
30	WSFX-TV	WILMINGTON NC	384.3	CP	BPCDT	-20080929AGO
30	WVLT-TV	KNOXVILLE TN	365.2	LIC	BLCDT	-20040420AAF
30	WVLT-TV	KNOXVILLE TN	365.2	CP	BPCDT	-20080618AAM
30	WNVT	GOLDVEIN VA	285.7	LIC	BLEDT	-20031230AAR
31	WXII-TV	WINSTON-SALEM NC	93.9	LIC	BLCDT	-20050627AAU
29	WJHL-DT	JOHNSON CITY TN	196.5	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 12

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
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
27	WKPT-TV	KINGSPORT TN	43.6	CP MOD	BMPCDT	-20050303AAJ
31	WFXG	AUGUSTA GA	379.0	CP	BPCDT	-20090303ABA
31	WFXG-DR	AUGUSTA GA	379.0	APP	BPRM	-20080620AON
31	WDKY-TV	DANVILLE KY	230.6	CP	BPCDT	-20090323AEA
31	WDKY-DR	DANVILLE KY	230.6	APP	BPRM	-20080620AOU
31	W31AZ	HENDERSONVILLE NC	178.3	LIC	BLTTL	-19940525JJ
31	WUNU	LUMBERTON NC	354.0	LIC	BLEDT	-20091113ABG
31	W31DI-D	SPRUCE PINE NC	104.6	LIC	BLDTT	-20090506ABZ
31	WXII-TV	WINSTON-SALEM NC	159.9	LIC	BLCDT	-20050627AAU
32	WSBN-TV	NORTON VA	49.2	LIC	BLEDT	-20030428ABR
38	WEMT	GREENEVILLE TN	105.4	LIC	BLCDT	-20050606AHR
38	WEMT	GREENEVILLE TN	41.4	CP	BPCDT	-20090521ADA
46	WVVA	BLUEFIELD WV	93.1	CP MOD	BMPCDT	-20060707ABJ
29	WJHL-DT	JOHNSON CITY TN	43.6	APP	USERRECORD-01	

Proposed station is beyond the site to nearest cell evaluation distance

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Analysis of Interference to Affected Station 13

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
36	WAPK-CA	KINGSPORT TN	BLTTA	-20030618AAX

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
32	WSBN-TV	NORTON VA	67.5	LIC	BLEDT	-20030428ABR
35	W35CO-D	BURNSVILLE NC	56.7	LIC	BLDTT	-20090615AAS
36	WKYT-DR	LEXINGTON KY	268.6	APP	BPRM	-20090821AEA
36	WKYT-TV	LEXINGTON KY	268.6	CP	BPCDT	-20091201AFD
36	WFPX-TV	FAYETTEVILLE NC	325.7	LIC	BLCDT	-20021025AAD
36	WUNP-TV	ROANOKE RAPIDS NC	385.3	CP MOD	BMPEDT	-20080617AAN

36	WYFF	GREENVILLE SC	152.7	LIC	BLCDT	-20090901ACV
36	WPXR-TV	ROANOKE VA	195.5	LIC	BLCDT	-20020510AAB
38	WEMT	GREENEVILLE TN	68.9	LIC	BLCDT	-20050606AHR
38	WEMT	GREENEVILLE TN	3.3	CP	BPCDT	-20090521ADA
40	WHKY-TV	HICKORY NC	108.2	CP	BPCDT	-20080619AAH
40	WHKY-TV	HICKORY NC	106.2	LIC	BLCDT	-20060630ABW
40	WHKY-TV	HICKORY NC	108.2	CP MOD	BMPCDT	-20090310ADE
40	WLFB	BLUEFIELD WV	117.2	LIC	BLCDT	-20090622ADS
51	WAGV	HARLAN KY	117.9	LIC	BLCDT	-20061012AAS
51	WAPV-LP	HONAKER VA	69.6	LIC	BLTT	-19810601IN
29	WJHL-DT	JOHNSON CITY TN	0.0	APP	USERRECORD-01	
40	WHKY-TV	HICKORY NC		CP MOD	BMPCDT	-20090310ADE

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.
29	WJHL-DT	JOHNSON CITY TN	USERRECORD-01

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
29	WXIX-TV	NEWPORT KY	366.3	LIC	BLCDT -20000908ABI
29	WUNJ-TV	WILMINGTON NC	424.8	LIC	BLEDT -20080821AAH
29	WXLV-TV	WINSTON-SALEM NC	216.9	CP	BPCDT -19991101ACF
29	WTCI	CHATTANOOGA TN	314.3	LIC	BLEDT -20060629ACO
30	WVLT-TV	KNOXVILLE TN	170.2	LIC	BLCDT -20040420AAF
30	WVLT-TV	KNOXVILLE TN	170.2	CP	BPCDT -20080618AAM
30	WSLS-TV	ROANOKE VA	196.5	CP	BPCDT -20080619ABS

Total scenarios = 2

Result key: 12
Scenario 2 Affected station 14 (worst case scenario)
Before Analysis

Results for: 29A TN JOHNSON CITY USERRECORD01 APP
HAAT 708.0 m, ATV ERP 917.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2154943	50509.4
not affected by terrain losses	1437687	39167.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	47006	773.4
lost to ATV IX only	47006	773.4
lost to all IX	47006	773.4

Potential Interfering Stations Included in above Scenario 2

29A KY NEWPORT	BLCDT	20000908ABI	LIC
29A NC WINSTON-SALEM	BPCDT	19991101ACF	CP
29A TN CHATTANOOGA	BLEDT	20060629ACO	LIC
30A TN KNOXVILLE	BPCDT	20080618AAM	CP

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