

ORIGINAL



M. Anne Swanson

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May 13, 2011

FILED/ACCEPTED

MAY 13 2011

Federal Communications Commission
Office of the Secretary

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

Attention: Video Division
Media Bureau

Re: WVTM-TV, Birmingham, Alabama
Facility I.D. No. 74173
Petition to Amend the Table of DTV Allotments

Dear Ms. Dortch:

On behalf of Media General Communications Holdings, LLC, licensee of commercial television station WVTM-TV, Birmingham, Alabama, we hereby transmit an original and four copies of a *Petition for Rule Making* requesting the substitution of Channel 21 for Channel 13 at Birmingham, Alabama in the Table of DTV Allotments.

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

Very truly yours,

M. Anne Swanson
Scott S. Patrick

Enclosure

No. of Copies rec'd 0+4
List ABCDE

MB Video 11-25
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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. The antenna pattern is directional.²

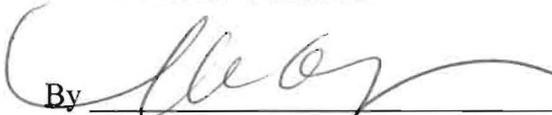
For the convenience of the Commission, the chart below shows the proposed parameters:

Facility ID	State and City		DTV					
			Ch	ERP kW	HAAT (m)	RCAMSL (m)	Latitude (DDMMSS)	Longitude (DDMMSS)
74173	AL	BIRMINGHAM	21	990	403	598	332926	0864748

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) 776-2534

Its Attorneys

Dated: May 13, 2011

² The pattern details are provided in the Technical Exhibit. 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.

Technical Exhibit

ATTACHMENT A

TECHNICAL EXHIBIT
 PETITION FOR RULE MAKING TO
 MODIFY THE DTV TABLE OF ALLOTMENTS
 STATION WVTM-TV
 BIRMINGHAM, ALABAMA

This Technical Exhibit was prepared on behalf of television station WVTM-TV assigned to Birmingham, Alabama in support of a *Petition for Rule Making* to modify the DTV allotment of WVTM-TV to substitute UHF channel 21 for the current high VHF channel 13 DTV allotment.

Station WVTM-TV proposes to operate on UHF channel 21 at its current site (33-29-26, 86-47-48, NAD-27) with maximum effective radiated power (ERP) of 990 kilowatts (kW) employing a directional antenna (DA) system. The antenna height above average terrain (HAAT) is 403 meters. This is the same transmitter site and radiation center elevation that WVTM-TV employs for its current post transition digital facility on channel 13.

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

Facility ID	State & City		DTV								
			NTSC Chan	Chan	ERP (kW)	HAAT (m)	Latitude (DDMMSS)	Longitude (DDDMMSS)	Area (sq km)	Population (thousand)	Percent IX Received
74173	AL	Birmingham	--	21	990	403	33-29-26	86-47-48	33282	1696	2.3
Rc = 598 m AMSL, Directional Antenna = # 87531 rotated 200 degrees (see Figure 2)											

Although the proposed WVTM-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 WVTM-TV noise limited coverage.

Domestic Allocation Concerns

The proposed WVTM-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 0.2 kilometer.

Population Served

The herein proposed WVTM-TV Channel 21 facility will provide principal city coverage to all of Birmingham, Alabama and is predicted to serve 1,696,147 persons, post-transition over an area of 33,282 square kilometers.¹

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

May 6, 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 (0.2 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 WVTM-TV
BIRMINGHAM, ALABAMA

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: 04-26-2011 Time: 16:28:44

Record Selected for Analysis

WVTM-DT USERRECORD-01 BIRMINGHAM AL US
Channel 21 ERP 990. kW HAAT 403. m RCAMSL 00598 m
Latitude 033-29-26 Longitude 0086-47-48
Status APP Zone 2 Border Site number: 01
Dir Antenna Make CDB Model 00000000087531 Beam tilt N Ref Azimuth 200.
Last update Cutoff date Docket
Comments
Applicant

Cell Size for Service Analysis 1.0 km/side

Distance Increments for Longley-Rice Analysis 0.20 km

Facility (site # 01) does not meet maximum height/power limits
Channel 21 ERP = 990.00 HAAT = 403.

Site number	1			
Azimuth	ERP	HAAT	41.0 dBu F(50,90)	
(Deg)	(kW)	(m)	(km)	
0.0	507.529	427.0	101.8	
45.0	815.321	352.3	100.2	
90.0	810.835	401.6	104.2	
135.0	959.548	396.4	105.4	
180.0	976.188	408.3	106.7	
225.0	785.060	393.2	103.2	
270.0	825.233	425.5	106.5	
315.0	496.251	417.8	100.9	

Evaluation toward Class A Stations from site # 01

Contour overlap to Class A station
W21BZ 21 COLLEGEDALE TN BPTTA 20030304AAR

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 Call	City/State	ARN
21	WVTM-DT	BIRMINGHAM AL	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
19	WOTM-LP	MONTEVALLO AL	37.6	LIC	BLTTL	19970514JI
20	WCOV-DR	MONTGOMERY AL	178.7	APP	BPRM	20080819ADH
20	WCOV-TV	MONTGOMERY AL	178.7	CP	BPCDT	20090206AAN
21	WDHN	DOTHAN AL	286.3	LIC	BLCDT	20090303ACR
21	WPBA	ATLANTA GA	229.7	LIC	BLEDT	20041013ABK
21	WAPT	JACKSON MS	353.2	CP	BPCDT	20091118AFN
21	WAPT	JACKSON MS	353.2	LIC	BLCDT	20081126ALZ
21	WHNS	GREENVILLE SC	421.8	CP MOD	BMPCDT	20080619AFO
21	W21BZ	COLLEGEDALE TN	232.7	CP	BDFCDTA	20090824AET
21	W21BZ	COLLEGEDALE TN	232.7	LIC	BLTTA	20010111AAI
21	W21BZ	COLLEGEDALE TN	232.7	CP	BPTTA	20030304AAR
21	WUXP-TV	NASHVILLE TN	308.3	LIC	BLCDT	20060414AAU
22	WFIQ	FLORENCE AL	151.3	LIC	BLEDT	20060718ACG
22	WFIQ	FLORENCE AL	151.3	CP	BPEDT	20080619AGU
22	WBMM	TUSKEGEE AL	177.0	LIC	BLCDT	20090428ABH
24	WJXS-CA	SYLACAUGA AL	86.8	LIC	BLTTL	19970508JF
25	WJMY-CA	DEMOPOLIS AL	102.1	APP	BSTA	20060928AEP
25	WJMY-CA	DEMOPOLIS AL	102.1	LIC	BLTTA	20050404ADB

%%%

Analysis of Interference to Affected Station 1

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
19	WOTM-LP	MONTEVALLO AL	BLTTL	-19970514JI

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
18	WDBB	BESSEMER AL	63.8	LIC	BLCDT	-20060421ABG
19	WIIQ	DEMOPOLIS AL	131.0	LIC	BLEDT	-20090511AHE
19	WHNT-DR	HUNTSVILLE AL	178.4	APP	BPRM	-20090423ADN
19	WHNT-TV	HUNTSVILLE AL	178.4	CP	BPCDT	-20110302ABM
19	WHNT-TV	HUNTSVILLE AL	178.4	LIC	BLCDT	-20090612AHX
19	WGCL-TV	ATLANTA GA	242.5	LIC	BLCDT	-19981211KE
19	WGCL-TV	ATLANTA GA	242.6	CP	BPCDT	-20040220ACX
20	W34BI	BIRMINGHAM AL	34.1	CP	BDISDTL	-20091216AAC
26	WTJP-TV	GADSDEN AL	81.8	LIC	BLCDT	-20050511AAF
26	WTJP-TV	GADSDEN AL	81.8	CP	BPCDT	-20080616AEF
27	WAIQ	MONTGOMERY AL	99.7	LIC	BLEDT	-20060706ACK
33	WCFT-TV	TUSCALOOSA AL	66.0	LIC	BLCDT	-20091106ABO
34	W34BI	BIRMINGHAM AL	34.1	LIC	BLTTL	-19930412IN
21	WVTM-DT	BIRMINGHAM AL	37.6	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.
20	WCOV-DR	MONTGOMERY AL	BPRM -20080819ADH

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
19	WIIQ	DEMOPOLIS AL	166.8	LIC	BLEDT -20090511AHE
20	WMPV-TV	MOBILE AL	204.5	LIC	BLCDT -20060703AAJ
20	WMPV-TV	MOBILE AL	204.4	CP	BPCDT -20080829ABI
20	WCOV-TV	MONTGOMERY AL	0.0	CP	BPCDT -20090206AAN
20	WPCH-TV	ATLANTA GA	265.4	LIC	BLCDT -20050204AAD
20	WMPN-TV	JACKSON MS	400.4	LIC	BLEDT -20080807AAP
21	WDHN	DOTHAN AL	114.6	LIC	BLCDT -20090303ACR
21	WVTM-DT	BIRMINGHAM AL	178.7	APP	USERRECORD-01

Total scenarios = 2

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

Results for: 20A AL MONTGOMERY BPRM 20080819ADH APP
 HAAT 518.0 m, ATV ERP 460.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	813402	33899.9
not affected by terrain losses	811206	33636.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	728260	27778.4
lost to ATV IX only	728260	27778.4
lost to all IX	728260	27778.4

Potential Interfering Stations Included in above Scenario 1

19A AL DEMOPOLIS	BLEDT	20090511AHE	LIC
20A AL MOBILE	BLCDT	20060703AAJ	LIC
20A AL MONTGOMERY	BPCDT	20090206AAN	CP
20A GA ATLANTA	BLCDT	20050204AAD	LIC
20A MS JACKSON	BLEDT	20080807AAP	LIC
21A AL DOTHAN	BLCDT	20090303ACR	LIC

After Analysis

Results for: 20A AL MONTGOMERY BPRM 20080819ADH APP
 HAAT 518.0 m, ATV ERP 460.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	813402	33899.9
not affected by terrain losses	811206	33636.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	728260	27778.4
lost to ATV IX only	728260	27778.4
lost to all IX	728260	27778.4

Potential Interfering Stations Included in above Scenario 1

19A AL DEMOPOLIS	BLEDT	20090511AHE	LIC
20A AL MOBILE	BLCDT	20060703AAJ	LIC
20A AL MONTGOMERY	BPCDT	20090206AAN	CP
20A GA ATLANTA	BLCDT	20050204AAD	LIC
20A MS JACKSON	BLEDT	20080807AAP	LIC

21A AL DOTHAN BLCDT 20090303ACR LIC
21A AL BIRMINGHAM 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 3

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
20	WCOV-TV	MONTGOMERY AL	BPCDT	-20090206AAN

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
19	WIIQ	DEMOPOLIS AL	166.8	LIC	BLEDT	-20090511AHE
20	WMPV-TV	MOBILE AL	204.5	LIC	BLCDT	-20060703AAJ
20	WMPV-TV	MOBILE AL	204.4	CP	BPCDT	-20080829ABI
20	WCOV-DR	MONTGOMERY AL	0.0	APP	BPRM	-20080819ADH
20	WPCH-TV	ATLANTA GA	265.4	LIC	BLCDT	-20050204AAD
20	WMPN-TV	JACKSON MS	400.4	LIC	BLEDT	-20080807AAP
21	WDHN	DOTHAN AL	114.6	LIC	BLCDT	-20090303ACR
21	WVTM-DT	BIRMINGHAM AL	178.7	APP	USERRECORD-01	

Total scenarios = 6

Result key: 4
Scenario 2 Affected station 3 (worst case scenario)
Before Analysis

Results for: 20A AL MONTGOMERY BPCDT 20090206AAN CP

HAAT 518.0 m, ATV ERP 460.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	813402	33899.9
not affected by terrain losses	811206	33636.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	26412	1271.5
lost to ATV IX only	26412	1271.5
lost to all IX	26412	1271.5

Potential Interfering Stations Included in above Scenario 2

19A AL DEMOPOLIS	BLEDT	20090511AHE	LIC
20A AL MOBILE	BPCDT	20080829ABI	CP
20A GA ATLANTA	BLCDT	20050204AAD	LIC
20A MS JACKSON	BLEDT	20080807AAP	LIC
21A AL DOTHAN	BLCDT	20090303ACR	LIC

After Analysis

Results for: 20A AL MONTGOMERY BPCDT 20090206AAN CP

HAAT 518.0 m, ATV ERP 460.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	813402	33899.9
not affected by terrain losses	811206	33636.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	26495	1282.3

lost to ATV IX only 26495 1282.3
 lost to all IX 26495 1282.3

Potential Interfering Stations Included in above Scenario 2

19A AL DEMOPOLIS	BLEDT	20090511AHE	LIC
20A AL MOBILE	BPCDT	20080829ABI	CP
20A GA ATLANTA	BLCDT	20050204AAD	LIC
20A MS JACKSON	BLEDT	20080807AAP	LIC
21A AL DOTHAN	BLCDT	20090303ACR	LIC
21A AL BIRMINGHAM	USERRECORD01		APP

Percent new IX = 0.0106%

Worst case new IX 0.0106% Scenario 2

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Analysis of Interference to Affected Station 4

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
21	WDHN	DOTHAN AL	BLCDT	-20090303ACR

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
20	WCOV-DR	MONTGOMERY AL	114.6	APP	BPRM	-20080819ADH
20	WCOV-TV	MONTGOMERY AL	114.6	CP	BPCDT	-20090206AAN
21	WPBA	ATLANTA GA	294.5	LIC	BLEDT	-20041013ABK
22	WBMM	TUSKEGEE AL	109.8	LIC	BLCDT	-20090428ABH
21	WVTM-DT	BIRMINGHAM AL	286.3	APP	USERRECORD-01	

Total scenarios = 3

Result key: 9

Scenario 1 Affected station 4 (worst case scenario)

Before Analysis

Results for: 21A AL DOTHAN BLCDT 20090303ACR LIC

HAAT 190.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	426077	22897.6
not affected by terrain losses	425576	22776.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	643	149.7
lost to ATV IX only	643	149.7
lost to all IX	643	149.7

Potential Interfering Stations Included in above Scenario 1

20A AL MONTGOMERY	BPCDT	20090206AAN	CP
22A AL TUSKEGEE	BLCDT	20090428ABH	LIC

After Analysis

Results for: 21A AL DOTHAN BLCDT 20090303ACR LIC

HAAT 190.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	426077	22897.6

not affected by terrain losses	425576	22776.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1097	242.8
lost to ATV IX only	1097	242.8
lost to all IX	1097	242.8

Potential Interfering Stations Included in above Scenario 1

20A AL MONTGOMERY	BPCDT	20090206AAN	CP
22A AL TUSKEGEE	BLCDT	20090428ABH	LIC
21A AL BIRMINGHAM	USERRECORD01		APP

Percent new IX = 0.1068%

Worst case new IX 0.1068% Scenario 1

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Analysis of Interference to Affected Station 5

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
21	WPBA	ATLANTA GA	BLEDT	-20041013ABK

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
20	WPCH-TV	ATLANTA GA	5.4	LIC	BLCDT	-20050204AAD
21	WDHN	DOTHAN AL	294.5	LIC	BLCDT	-20090303ACR
21	WHNS	GREENVILLE SC	219.0	CP MOD	BMPCDT	-20080619AFO
21	WUXP-TV	NASHVILLE TN	357.2	LIC	BLCDT	-20060414AAU
21	WVTM-DT	BIRMINGHAM AL	229.7	APP	USERRECORD-01	

Total scenarios = 1

Result key: 12

Scenario 1 Affected station 5

Before Analysis

Results for: 21A GA ATLANTA BLEDT 20041013ABK LIC

HAAT 266.0 m, ATV ERP 55.4 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	4187370	17334.3
not affected by terrain losses	4171053	17075.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	239555	1748.8
lost to ATV IX only	239555	1748.8
lost to all IX	239555	1748.8

Potential Interfering Stations Included in above Scenario 1

20A GA ATLANTA	BLCDT	20050204AAD	LIC
21A AL DOTHAN	BLCDT	20090303ACR	LIC
21A SC GREENVILLE	BMPCDT	20080619AFO	CP
21A TN NASHVILLE	BLCDT	20060414AAU	LIC

After Analysis

Results for: 21A GA ATLANTA BLEDT 20041013ABK LIC

HAAT 266.0 m, ATV ERP 55.4 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	4187370	17334.3
not affected by terrain losses	4171053	17075.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	249646	1872.4
lost to ATV IX only	249646	1872.4
lost to all IX	249646	1872.4

Potential Interfering Stations Included in above Scenario 1

20A GA ATLANTA	BLCDDT	20050204AAD	LIC
21A AL DOTHAN	BLCDDT	20090303ACR	LIC
21A SC GREENVILLE	BMPCDDT	20080619AFO	CP
21A TN NASHVILLE	BLCDDT	20060414AAU	LIC
21A AL BIRMINGHAM	USERRECORD01		APP

Percent new IX = 0.2567%

Worst case new IX 0.2567% Scenario 1

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Analysis of Interference to Affected Station 6

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
21	WAPT	JACKSON MS	BPCDDT	-20091118AFN

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
20	WMPN-TV	JACKSON MS	14.2	LIC	BLEDDT	-20080807AAP
21	KPXJ	MINDEN LA	344.2	LIC	BLCDDT	-20050930AAL
21	WHNO	NEW ORLEANS LA	263.4	LIC	BLCDDT	-20050413AAK
22	WHLT	HATTIESBURG MS	139.2	CP MOD	BMPCDDT	-20080619ACC
21	WVTM-DT	BIRMINGHAM AL	353.2	APP	USERRECORD-01	

Total scenarios = 1

Result key: 13

Scenario 1 Affected station 6

Before Analysis

Results for: 21A MS JACKSON BPCDDT 20091118AFN CP

HAAT 356.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	813157	34201.6
not affected by terrain losses	811415	33962.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	23253	1626.8
lost to ATV IX only	23253	1626.8
lost to all IX	23253	1626.8

Potential Interfering Stations Included in above Scenario 1

20A MS JACKSON	BLEDDT	20080807AAP	LIC
21A LA MINDEN	BLCDDT	20050930AAL	LIC
21A LA NEW ORLEANS	BLCDDT	20050413AAK	LIC
22A MS HATTIESBURG	BMPCDDT	20080619ACC	CP

After Analysis

Results for: 21A MS JACKSON BPCDT 20091118AFN CP
HAAT 356.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	813157	34201.6
not affected by terrain losses	811415	33962.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	24801	1680.7
lost to ATV IX only	24801	1680.7
lost to all IX	24801	1680.7

Potential Interfering Stations Included in above Scenario 1

20A MS JACKSON	BLEDT	20080807AAP	LIC
21A LA MINDEN	BLCDT	20050930AAL	LIC
21A LA NEW ORLEANS	BLCDT	20050413AAK	LIC
22A MS HATTIESBURG	BMPCDT	20080619ACC	CP
21A AL BIRMINGHAM	USERRECORD01		APP

Percent new IX = 0.1964%

Worst case new IX 0.1964% Scenario 1

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Analysis of Interference to Affected Station 7

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
21	WAPT	JACKSON MS	BLCDT	-20081126ALZ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
20	WMPN-TV	JACKSON MS	14.2	LIC	BLEDT	-20080807AAP
21	KPXJ	MINDEN LA	344.2	LIC	BLCDT	-20050930AAL
21	WHNO	NEW ORLEANS LA	263.4	LIC	BLCDT	-20050413AAK
22	WHLT	HATTIESBURG MS	139.2	CP MOD	BMPCDT	-20080619ACC
21	WVTM-DT	BIRMINGHAM AL	353.2	APP	USERRECORD-01	

Total scenarios = 1

Result key: 14
Scenario 1 Affected station 7
Before Analysis

Results for: 21A MS JACKSON BLCDT 20081126ALZ LIC
HAAT 332.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	759558	30439.4
not affected by terrain losses	758050	30236.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	22007	2112.9
lost to ATV IX only	22007	2112.9
lost to all IX	22007	2112.9

Potential Interfering Stations Included in above Scenario 1

20A MS JACKSON	BLEDT	20080807AAP	LIC
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Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
21	WPBA	ATLANTA GA	156.2	LIC	BLEDT	-20041013ABK
21	WKSJ-LD	SUMMERVILLE/TRION GA	65.2	LIC	BLDTL	-20100104AAD
21	WUPX-TV	MOREHEAD KY	345.2	LIC	BLCDDT	-20040901ACJ
21	WHNS	GREENVILLE SC	218.2	CP MOD	BMPCDDT	-20080619AFO
21	WUXP-TV	NASHVILLE TN	207.6	LIC	BLCDDT	-20060414AAU
22	WKSJ-LD	SUMMERVILLE, TRION GA	65.2	CP	BDISDTL	-20091214ABM
22	WCTE	COOKEVILLE TN	129.9	CP MOD	BMPEDT	-20100813AAA
22	WCTE	COOKEVILLE TN	129.9	LIC	BLEDT	-20090729ACP
22	WCTE	COOKEVILLE TN	129.9	CP MOD	BMPEDT	-20090430AAC
22	WCTD-LP	DUCKTOWN TN	56.5	LIC	BLTTL	-20070622ADD
21	WVTM-DT	BIRMINGHAM AL	232.7	APP	USERRECORD-01	

Total scenarios = 1

Result key: 15
 Scenario 1 Affected station 9
 Before Analysis

Results for: 21A TN COLLEGEDALE BDFCDTA 20090824AET CP
 HAAT 204.0 m, ATV ERP 4.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	489506	3521.1
not affected by terrain losses	480042	3352.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	17022	168.1
lost to ATV IX only	17022	168.1
lost to all IX	17022	168.1

Potential Interfering Stations Included in above Scenario 1

21A GA ATLANTA	BLEDT	20041013ABK	LIC
21A GA SUMMERVILLE/TRION	BLDTL	20100104AAD	LIC
21A TN NASHVILLE	BLCDDT	20060414AAU	LIC
22A GA SUMMERVILLE, TRION	BDISDTL	20091214ABM	CP

After Analysis

Results for: 21A TN COLLEGEDALE BDFCDTA 20090824AET CP
 HAAT 204.0 m, ATV ERP 4.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	489506	3521.1
not affected by terrain losses	480042	3352.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	17662	183.1
lost to ATV IX only	17662	183.1
lost to all IX	17662	183.1

Potential Interfering Stations Included in above Scenario 1

21A GA ATLANTA	BLEDT	20041013ABK	LIC
21A GA SUMMERVILLE/TRION	BLDTL	20100104AAD	LIC
21A TN NASHVILLE	BLCDDT	20060414AAU	LIC
22A GA SUMMERVILLE, TRION	BDISDTL	20091214ABM	CP
21A AL BIRMINGHAM	USERRECORD01		APP

Percent new IX = 0.1382%

Worst case new IX 0.1382% Scenario 1

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Analysis of Interference to Affected Station 10

Analysis of current record

Channel	Call	City/State	Application Ref. No.
21	W21BZ	COLLEGEDALE TN	BLTTA -20010111AAI

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
19	WHNT-DR	HUNTSVILLE AL	136.7	APP	BPRM -20090423ADN
19	WHNT-TV	HUNTSVILLE AL	136.7	CP	BPCDT -20110302ABM
19	WHNT-TV	HUNTSVILLE AL	136.7	LIC	BLCDT -20090612AHX
21	WPBA	ATLANTA GA	156.2	LIC	BLEDT -20041013ABK
21	WKSX-LD	SUMMERVILLE/TRION GA	65.2	LIC	BLDTL -20100104AAD
21	WUPX-TV	MOREHEAD KY	345.2	LIC	BLCDT -20040901ACJ
21	WHNS	GREENVILLE SC	218.2	CP MOD	BMPCDT -20080619AFO
21	WUXP-TV	NASHVILLE TN	207.6	LIC	BLCDT -20060414AAU
22	WCTE	COOKEVILLE TN	129.9	CP MOD	BMPEDT -20100813AAA
22	WCTE	COOKEVILLE TN	129.9	LIC	BLEDT -20090729ACP
22	WCTE	COOKEVILLE TN	129.9	CP MOD	BMPEDT -20090430AAC
24	WHIQ	HUNTSVILLE AL	136.5	LIC	BLEDT -20060927ALU
29	WTCI	CHATTANOOGA TN	27.6	LIC	BLEDT -20060629ACO
21	WVTM-DT	BIRMINGHAM AL	232.7	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.
21	W21BZ	COLLEGEDALE TN	BPTTA -20030304AAR

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
19	WHNT-DR	HUNTSVILLE AL	136.7	APP	BPRM -20090423ADN
19	WHNT-TV	HUNTSVILLE AL	136.7	CP	BPCDT -20110302ABM
19	WHNT-TV	HUNTSVILLE AL	136.7	LIC	BLCDT -20090612AHX
21	WPBA	ATLANTA GA	156.2	LIC	BLEDT -20041013ABK
21	WKSX-LD	SUMMERVILLE/TRION GA	65.2	LIC	BLDTL -20100104AAD
21	WUPX-TV	MOREHEAD KY	345.2	LIC	BLCDT -20040901ACJ
21	WHNS	GREENVILLE SC	218.2	CP MOD	BMPCDT -20080619AFO
21	WUXP-TV	NASHVILLE TN	207.6	LIC	BLCDT -20060414AAU
22	WKSX-LD	SUMMERVILLE, TRION GA	65.2	CP	BDISDTL -20091214ABM
22	WCTE	COOKEVILLE TN	129.9	CP MOD	BMPEDT -20100813AAA
22	WCTE	COOKEVILLE TN	129.9	LIC	BLEDT -20090729ACP
22	WCTE	COOKEVILLE TN	129.9	CP MOD	BMPEDT -20090430AAC
22	WCTD-LP	DUCKTOWN TN	56.5	LIC	BLTTL -20070622ADD
24	WHIQ	HUNTSVILLE AL	136.5	LIC	BLEDT -20060927ALU
29	WTCI	CHATTANOOGA TN	27.6	LIC	BLEDT -20060629ACO
36	WCNT-LP	CHATTANOOGA TN	51.3	LIC	BLTTL -20050908AAJ
21	WVTM-DT	BIRMINGHAM AL	232.7	APP	USERRECORD-01

Total scenarios = 1

Result key: 16
Scenario 1 Affected station 11