

**APPLICATION FOR A
MINOR
MODIFICATION TO A
LICENSED DIGITAL
TELEVISION
BROADCAST
STATION HAVING
FCC CALL SIGN
WMUM-TV, FACILITY
ID 23935, AND FCC
FILE NO.:
BLEDT-20080423AAM
COCHRAN, GA**

October 10, 2016

Prepared For:

Georgia Public
Telecommunications
Commission
260 14th St NW
Atlanta, GA 30318

Prepared By:

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Kessler and Gehman Assoc.
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1.0 PURPOSE OF MODIFICATION APPLICATION

1.1 It is herein proposed to correct the following technical parameters:

- NAD83 North Latitude coordinate from:
 - 32° 28' 11.6" to 32° 28' 12.2"
- NAD83 West Longitude coordinate from:
 - 83° 15' 16.6" to 83° 15' 18.0"
- Ground Elevation from:
 - 116.1m to 121.6m
- CRAMSL from:
 - 436.1m to 441.6m
- HAAT from:
 - 331.6m to 337.0m

No physical changes to any of the above listed technical parameters are proposed; instead the modifications are simply corrections to erroneous data. It is required to file a construction permit application since the corrected facility has a HAAT and CRAMSL which exceeds the 2 meters up or 4 meters down licensed parameters similar to the provisions of 47 C.F.R Section 73.1690(c)(1).

1.2 It is herein proposed to modify the following technical parameters:

- ERP from:
 - 31kW to 28kW

The licensed 31kW ERP in combination with the corrected parameters above caused 0.5099% prohibited interference to WCIQ-TV FCC file No.: BLEDT-20120828AAV. The proposed WMUM-TV ERP was backed down from 31kW to 28KW in order to mitigate the interference to an acceptable 0.2526% tolerance.

2.0 FREQUENCY ALLOCATION ANALYSIS

Appendix A demonstrates that the proposed facility does not cause any prohibited interference to any neighboring stations.

3.0 INTERNATIONAL COORDINATION

The proposed facility lies beyond the Mexican and Canadian coordination distance; therefore, the proposed facility is not required to engage in international coordination.

4.0 NATIONAL ENVIRONMENTAL POLICY ACT (NEPA)

4.1 General Environmental Requirements

The existing support structure and antenna will not:

- Require high intensity white lighting.
- Is not located in an official designated wilderness area or wildlife preserve.
- Does not threaten the existence or habitat of endangered species.
- Does not affect districts, sites, buildings, structures or objects significant in American history, architecture, archaeology, engineering or culture that are listed in the National Register of Historic Places or are eligible for listing.
- Does not affect Indian religious sites.
- Is not located in a floodplain
- Does not require construction that involves significant changes in surface features (e.g., wetland fill, deforestation or water diversion).

4.2 Radio Frequency Radiation (RFR) Compliance.

Since no physical changes are herein proposed besides a power reduction which would decrease RFR, a radio frequency analysis has not been conducted.

5.0 CERTIFICATION

The foregoing statement and the report regarding the aforementioned Engineering work are true and correct to the best of my knowledge. Executed on October 10, 2016.

KESSLER AND GEHMAN ASSOCIATES, INC.



Ryan Wilhour
Consulting Engineer

APPENDIX A – ALLOCATION ANALYSIS

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

Date: 10-10-2016 Time: 14:13:37

Record Selected for Analysis

WMUM-TV- USERRECORD-01 COCHRAN GA US
Channel 07 ERP 28. kW HAAT 337. m RCAMSL 00442 m
Latitude 032-28-12 Longitude 0083-15-18
Status APP Zone 2 Border Site number: 01
Dir Antenna Make usr Model USRPAT01 Beam tilt N Ref Azimuth 0.
Last update Cutoff date Docket
Comments
Applicant

Cell Size for Service Analysis 2.0 km/side

Distance Increments for Longley-Rice Analysis 1.00 km

Facility (site # 01) meets maximum height/power limits

Site number	1		
Azimuth	ERP	HAAT	36.0 dBu F(50,90)
(Deg)	(kW)	(m)	(km)
0.0	28.000	323.5	102.2
45.0	28.000	333.3	103.0
90.0	28.000	352.2	104.6
135.0	28.000	329.4	102.7
180.0	28.000	348.2	104.2
225.0	28.000	342.5	103.7
270.0	28.000	343.8	103.9
315.0	28.000	324.1	102.2

Evaluation toward Class A Stations from site # 01

No Spacing violations or contour overlap
to Class A stations from site # 01

Class A Evaluation Complete

SPACING VIOLATION FOUND BETWEEN STATION

WMUM-TV- 07 COCHRAN GA USERRECORD01 Site # 01

and station

SHORT TO: WCIQ 07 MOUNT CHEAHA AL BLEDT 20120828AAV
033-29- 6 0085-48-32
Req. separation 273.6 Actual separation 263.9 Short 9.7 km

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SHORT TO: WMUM-TV 07 COCHRAN GA DTVPLN DTVP0057
32 -28-11 83 -15-17
Req. separation 273.6 Actual separation 0.0 Short 273.6 km

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	Call	Proposed Station City/State	ARN
07	WMUM-TV-	COCHRAN GA	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
07	WCIQ	MOUNT CHEAHA AL	263.5	LIC	BLEDT 20120828AAV
07	WJCT	JACKSONVILLE FL	291.2	LIC	BLEDT 20090617ACD
07	WITV	CHARLESTON SC	336.4	LIC	BLEDT 20090304ABI
07	WITV	CHARLESTON SC	336.4	CP	BLANK 0000013486
07	WSPA-TV	SPARTANBURG SC	313.0	LIC	BLCDT 20090918ACF
07	WKNX-TV	KNOXVILLE TN	398.4	LIC	BLCDT 20040810ABE
08	WGTV	ATHENS GA	169.9	LIC	BLEDT 20090612ACE
08	WACS-TV	DAWSON GA	135.8	LIC	BLEDT 20080516AAO
08	WXGA-TV	WAYCROSS GA	153.0	LIC	BLEDT 20090612ACD

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Analysis of Interference to Affected Station 1

Analysis of current record

Channel	Call	City/State	Application Ref. No.
07	WCIQ	MOUNT CHEAHA AL	BLEDT -20120828AAV

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
07	WMUM-TV	COCHRAN GA	263.5	PLN	DTVPLN -DTVP0057
07	WDAM-TV	LAUREL MS	396.5	LIC	BLCDT -20100129ABY
07	WSPA-TV	SPARTANBURG SC	373.3	LIC	BLCDT -20090918ACF
07	WKNX-TV	KNOXVILLE TN	328.8	LIC	BLCDT -20040810ABE
08	WGTV	ATHENS GA	158.1	LIC	BLEDT -20090612ACE
08	WACS-TV	DAWSON GA	208.2	LIC	BLEDT -20080516AAO
07	WMUM-TV-	COCHRAN GA	263.5	APP	USERRECORD-01

Total scenarios = 1

Result key: 1

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Scenario 1 Affected station 1
Before Analysis

Results for: 7A AL MOUNT CHEAHA BLEDT 20120828AAV LIC
HAAT 593.0 m, ATV ERP 47.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3035433	50594.6
not affected by terrain losses	2907529	48286.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	130896	1031.4
lost to ATV IX only	130896	1031.4
lost to all IX	130896	1031.4

Potential Interfering Stations Included in above Scenario 1

7A MS LAUREL	BLCDT	20100129ABY	LIC
7A SC SPARTANBURG	BLCDT	20090918ACF	LIC
7A TN KNOXVILLE	BLCDT	20040810ABE	LIC
8A GA ATHENS	BLEDT	20090612ACE	LIC
7A GA COCHRAN	DTVPLN	DTVP0057	PLN

After Analysis

Results for: 7A AL MOUNT CHEAHA BLEDT 20120828AAV LIC
HAAT 593.0 m, ATV ERP 47.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3035433	50594.6
not affected by terrain losses	2907529	48286.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	137910	1103.9
lost to ATV IX only	137910	1103.9
lost to all IX	137910	1103.9

Potential Interfering Stations Included in above Scenario 1

7A MS LAUREL	BLCDT	20100129ABY	LIC
7A SC SPARTANBURG	BLCDT	20090918ACF	LIC
7A TN KNOXVILLE	BLCDT	20040810ABE	LIC
8A GA ATHENS	BLEDT	20090612ACE	LIC
7A GA COCHRAN	USERRECORD01		APP

Percent new IX = 0.2526%

Worst case new IX 0.2526% Scenario 1

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Analysis of Interference to Affected Station 2

Analysis of current record

Channel	Call	City/State	Application Ref. No.
07	WJCT	JACKSONVILLE FL	BLEDT -20090617ACD

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
07	WFLA-TV	TAMPA FL	279.3	LIC	BLCDT -20090612AAU
07	WMUM-TV	COCHRAN GA	291.1	PLN	DTVPLN -DTVP0057
07	WITV	CHARLESTON SC	343.1	LIC	BLEDT -20090304ABI
07	WITV	CHARLESTON SC	343.1	CP	BLANK -0000013486
08	WXGA-TV	WAYCROSS GA	141.8	LIC	BLEDT -20090612ACD
07	WMUM-TV-	COCHRAN GA	291.2	APP	USERRECORD-01

Total scenarios = 1

Result key: 2
Scenario 1 Affected station 2

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Before Analysis

Results for: 7A FL JACKSONVILLE BLEDT 20090617ACD LIC
HAAT 302.0 m, ATV ERP 18.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1342601	27619.3
not affected by terrain losses	1342377	27595.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	12408	654.2
lost to ATV IX only	12408	654.2
lost to all IX	12408	654.2

Potential Interfering Stations Included in above Scenario 1

7A FL TAMPA	BLCDT	20090612AAU	LIC
8A GA WAYCROSS	BLEDT	20090612ACD	LIC
7A GA COCHRAN	DTVPLN	DTVP0057	PLN

After Analysis

Results for: 7A FL JACKSONVILLE BLEDT 20090617ACD LIC
HAAT 302.0 m, ATV ERP 18.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1342601	27619.3
not affected by terrain losses	1342377	27595.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	12408	662.2
lost to ATV IX only	12408	662.2
lost to all IX	12408	662.2

Potential Interfering Stations Included in above Scenario 1

7A FL TAMPA	BLCDT	20090612AAU	LIC
8A GA WAYCROSS	BLEDT	20090612ACD	LIC
7A GA COCHRAN	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.
07	WITV	CHARLESTON SC	BLEDT	-20090304ABI

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
07	WJCT	JACKSONVILLE FL	343.1	LIC	BLEDT	-20090617ACD
07	WMUM-TV	COCHRAN GA	336.4	PLN	DTVPLN	-DTVP0057
07	WSPA-TV	SPARTANBURG SC	345.3	LIC	BLCDT	-20090918ACF
08	WOLO-TV	COLUMBIA SC	165.2	LIC	BLCDT	-20100614AIP
07	WMUM-TV-	COCHRAN GA	336.4	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 4

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
07	WITV	CHARLESTON SC	BLANK	-0000013486

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Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
07	WJCT	JACKSONVILLE FL	343.1	LIC	BLEDT -20090617ACD
07	WMUM-TV	COCHRAN GA	336.4	PLN	DTVPLN -DTVP0057
07	WSPA-TV	SPARTANBURG SC	345.3	LIC	BLCDT -20090918ACF
08	WOLO-TV	COLUMBIA SC	165.2	LIC	BLCDT -20100614AIP
07	WMUM-TV-	COCHRAN GA	336.4	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.
07	WSPA-TV	SPARTANBURG SC	BLCDT -20090918ACF

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
07	WCIQ	MOUNT CHEAHA AL	373.3	LIC	BLEDT -20120828AAV
07	WMUM-TV	COCHRAN GA	313.1	PLN	DTVPLN -DTVP0057
07	WLJC-TV	BEATTYVILLE KY	298.3	LIC	BLCDT -20120217AAO
07	WITV	CHARLESTON SC	345.3	LIC	BLEDT -20090304ABI
07	WITV	CHARLESTON SC	345.3	CP	BLANK -0000013486
07	WKNX-TV	KNOXVILLE TN	175.3	LIC	BLCDT -20040810ABE
08	WGTV	ATHENS GA	227.7	LIC	BLEDT -20090612ACE
08	WOLO-TV	COLUMBIA SC	182.2	LIC	BLCDT -20100614AIP
07	WMUM-TV-	COCHRAN GA	313.0	APP	USERRECORD-01

Total scenarios = 2

Result key: 3

Scenario 1 Affected station 5

Before Analysis

Results for: 7A SC SPARTANBURG BLCDT 20090918ACF LIC

	POPULATION	AREA (sq km)
HAAT 667.0 m, ATV ERP 25.7 kW		
within Noise Limited Contour	2991883	47896.2
not affected by terrain losses	2861319	43873.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	12861	648.4
lost to ATV IX only	12861	648.4
lost to all IX	12861	648.4

Potential Interfering Stations Included in above Scenario 1

7A AL MOUNT CHEAHA	BLEDT	20120828AAV	LIC
7A KY BEATTYVILLE	BLCDT	20120217AAO	LIC
7A SC CHARLESTON	BLEDT	20090304ABI	LIC
7A TN KNOXVILLE	BLCDT	20040810ABE	LIC
8A SC COLUMBIA	BLCDT	20100614AIP	LIC
7A GA COCHRAN	DTVPLN	DTVP0057	PLN

After Analysis

Results for: 7A SC SPARTANBURG BLCDT 20090918ACF LIC

	POPULATION	AREA (sq km)
HAAT 667.0 m, ATV ERP 25.7 kW		
within Noise Limited Contour	2991883	47896.2
not affected by terrain losses	2861319	43873.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	12851	660.4
lost to ATV IX only	12851	660.4
lost to all IX	12851	660.4

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Potential Interfering Stations Included in above Scenario 1

7A AL MOUNT CHEAHA	BLEDT	20120828AAV	LIC
7A KY BEATTYVILLE	BLCDT	20120217AAO	LIC
7A SC CHARLESTON	BLEDT	20090304ABI	LIC
7A TN KNOXVILLE	BLCDT	20040810ABE	LIC
8A SC COLUMBIA	BLCDT	20100614AIP	LIC
7A GA COCHRAN	USERRECORD01		APP

Percent new IX = -0.0004%

Result key: 4
Scenario 2 Affected station 5
Before Analysis

Results for: 7A SC SPARTANBURG BLCDT 20090918ACF LIC

HAAT 667.0 m, ATV ERP 25.7 kW		
	POPULATION	AREA (sq km)
within Noise Limited Contour	2991883	47896.2
not affected by terrain losses	2861319	43873.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	12861	648.4
lost to ATV IX only	12861	648.4
lost to all IX	12861	648.4

Potential Interfering Stations Included in above Scenario 2

7A AL MOUNT CHEAHA	BLEDT	20120828AAV	LIC
7A KY BEATTYVILLE	BLCDT	20120217AAO	LIC
7A SC CHARLESTON	BLANK	0000013486	CP
7A TN KNOXVILLE	BLCDT	20040810ABE	LIC
8A SC COLUMBIA	BLCDT	20100614AIP	LIC
7A GA COCHRAN	DTVPLN	DTVP0057	PLN

After Analysis

Results for: 7A SC SPARTANBURG BLCDT 20090918ACF LIC

HAAT 667.0 m, ATV ERP 25.7 kW		
	POPULATION	AREA (sq km)
within Noise Limited Contour	2991883	47896.2
not affected by terrain losses	2861319	43873.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	12851	660.4
lost to ATV IX only	12851	660.4
lost to all IX	12851	660.4

Potential Interfering Stations Included in above Scenario 2

7A AL MOUNT CHEAHA	BLEDT	20120828AAV	LIC
7A KY BEATTYVILLE	BLCDT	20120217AAO	LIC
7A SC CHARLESTON	BLANK	0000013486	CP
7A TN KNOXVILLE	BLCDT	20040810ABE	LIC
8A SC COLUMBIA	BLCDT	20100614AIP	LIC
7A GA COCHRAN	USERRECORD01		APP

Percent new IX = -0.0004%

Worst case new IX -0.0004% Scenario 1

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Analysis of Interference to Affected Station 6

Analysis of current record

Channel	Call	City/State	Application Ref. No.
07	WKNX-TV	KNOXVILLE TN	BLCDT -20040810ABE

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Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
07	WCIQ	MOUNT CHEAHA AL	328.8	LIC	BLEDT	-20120828AAV
07	WMUM-TV	COCHRAN GA	398.4	PLN	DTVPLN	-DTP0057
07	WEHT	EVANSVILLE IN	383.1	LIC	BLCDT	-20090928AKE
07	WLJC-TV	BEATTYVILLE KY	179.7	LIC	BLCDT	-20120217AAO
07	WSPA-TV	SPARTANBURG SC	175.3	LIC	BLCDT	-20090918ACF
07	WMUM-TV-	COCHRAN GA	398.4	APP	USERRECORD-01	

Total scenarios = 1

Result key: 5
Scenario 1 Affected station 6
Before Analysis

Results for: 7A TN KNOXVILLE BLCDT 20040810ABE LIC
HAAT 382.0 m, ATV ERP 55.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1505119	35901.3
not affected by terrain losses	1310706	29006.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	41665	1686.6
lost to ATV IX only	41665	1686.6
lost to all IX	41665	1686.6

Potential Interfering Stations Included in above Scenario 1

7A AL MOUNT CHEAHA	BLEDT	20120828AAV	LIC
7A IN EVANSVILLE	BLCDT	20090928AKE	LIC
7A KY BEATTYVILLE	BLCDT	20120217AAO	LIC
7A SC SPARTANBURG	BLCDT	20090918ACF	LIC
7A GA COCHRAN	DTVPLN	DTP0057	PLN

After Analysis

Results for: 7A TN KNOXVILLE BLCDT 20040810ABE LIC
HAAT 382.0 m, ATV ERP 55.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1505119	35901.3
not affected by terrain losses	1310706	29006.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	41665	1686.6
lost to ATV IX only	41665	1686.6
lost to all IX	41665	1686.6

Potential Interfering Stations Included in above Scenario 1

7A AL MOUNT CHEAHA	BLEDT	20120828AAV	LIC
7A IN EVANSVILLE	BLCDT	20090928AKE	LIC
7A KY BEATTYVILLE	BLCDT	20120217AAO	LIC
7A SC SPARTANBURG	BLCDT	20090918ACF	LIC
7A GA COCHRAN	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 7

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
08	WGTV	ATHENS GA	BLEDT	-20090612ACE

Stations Potentially Affecting This Station

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Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
07	WCIQ	MOUNT CHEAHA AL	158.1	LIC	BLEDT -20120828AAV
07	WMUM-TV	COCHRAN GA	170.0	PLN	DTVPLN -DTVP0057
07	WSPA-TV	SPARTANBURG SC	227.7	LIC	BLCDT -20090918ACF
08	WACS-TV	DAWSON GA	211.1	LIC	BLEDT -20080516AAO
08	WXGA-TV	WAYCROSS GA	322.7	LIC	BLEDT -20090612ACD
08	WOLO-TV	COLUMBIA SC	313.5	LIC	BLCDT -20100614AIP
08	WNPT	NASHVILLE TN	349.3	LIC	BLEDT -20090622AEX
09	WGWW	ANNISTON AL	211.3	LIC	BLCDT -20050222ACG
09	WNTV	GREENVILLE SC	203.1	LIC	BLEDT -20100628BQF
09	WTVC	CHATTANOOGA TN	185.1	LIC	BLCDT -20090914ABU
07	WMUM-TV-	COCHRAN GA	169.9	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 8

Analysis of current record

Channel	Call	City/State	Application Ref. No.
08	WACS-TV	DAWSON GA	BLEDT -20080516AAO

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
07	WCIQ	MOUNT CHEAHA AL	208.2	LIC	BLEDT -20120828AAV
07	WMUM-TV	COCHRAN GA	135.8	PLN	DTVPLN -DTVP0057
08	WGTV	ATHENS GA	211.1	LIC	BLEDT -20090612ACE
08	WXGA-TV	WAYCROSS GA	203.8	LIC	BLEDT -20090612ACD
08	WOLO-TV	COLUMBIA SC	428.2	LIC	BLCDT -20100614AIP
09	WPGX	PANAMA CITY FL	195.1	LIC	BLCDT -20111122EBL
07	WMUM-TV-	COCHRAN GA	135.8	APP	USERRECORD-01

Total scenarios = 1

Result key: 6

Scenario 1 Affected station 8

Before Analysis

Results for: 8A GA DAWSON BLEDT 20080516AAO LIC

HAAT 333.0 m, ATV ERP 4.7 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	596704	21060.1
not affected by terrain losses	594327	20816.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	27192	1205.9
lost to ATV IX only	27192	1205.9
lost to all IX	27192	1205.9

Potential Interfering Stations Included in above Scenario 1

8A GA ATHENS	BLEDT	20090612ACE	LIC
8A GA WAYCROSS	BLEDT	20090612ACD	LIC
7A GA COCHRAN	DTVPLN	DTVP0057	PLN

After Analysis

Results for: 8A GA DAWSON BLEDT 20080516AAO LIC

HAAT 333.0 m, ATV ERP 4.7 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	596704	21060.1
not affected by terrain losses	594327	20816.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	26581	1202.0
lost to ATV IX only	26581	1202.0
lost to all IX	26581	1202.0

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Potential Interfering Stations Included in above Scenario 1

8A GA ATHENS	BLEDT	20090612ACE	LIC
8A GA WAYCROSS	BLEDT	20090612ACD	LIC
7A GA COCHRAN	USERRECORD01		APP

Percent new IX = -0.1077%

Worst case new IX -0.1077% Scenario 1

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Analysis of Interference to Affected Station 9

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
08	WXGA-TV	WAYCROSS GA	BLEDT	-20090612ACD

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
07	WJCT	JACKSONVILLE FL	141.8	LIC	BLEDT	-20090617ACD
07	WMUM-TV	COCHRAN GA	152.9	PLN	DTVPLN	-DTP0057
08	WGTW	ATHENS GA	322.7	LIC	BLEDT	-20090612ACE
08	WACS-TV	DAWSON GA	203.8	LIC	BLEDT	-20080516AAO
08	WOLO-TV	COLUMBIA SC	363.5	LIC	BLCDT	-20100614AIP
09	WNBW-DT	GAINESVILLE FL	176.9	LIC	BLCDT	-20090105AGT
09	WVAN-TV	SAVANNAH GA	136.9	LIC	BLEDT	-20090612AGH
07	WMUM-TV-	COCHRAN GA	153.0	APP	USERRECORD-01	

Total scenarios = 1

Result key: 7

Scenario 1 Affected station 9

Before Analysis

Results for: 8A GA WAYCROSS BLEDT 20090612ACD LIC

HAAT 308.0 m, ATV ERP 35.3 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	523480	33219.8
not affected by terrain losses	522006	32978.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	25669	1006.8
lost to ATV IX only	25669	1006.8
lost to all IX	25669	1006.8

Potential Interfering Stations Included in above Scenario 1

7A FL JACKSONVILLE	BLEDT	20090617ACD	LIC
8A GA ATHENS	BLEDT	20090612ACE	LIC
8A GA DAWSON	BLEDT	20080516AAO	LIC
8A SC COLUMBIA	BLCDT	20100614AIP	LIC
9A GA SAVANNAH	BLEDT	20090612AGH	LIC
7A GA COCHRAN	DTVPLN	DTP0057	PLN

After Analysis

Results for: 8A GA WAYCROSS BLEDT 20090612ACD LIC

HAAT 308.0 m, ATV ERP 35.3 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	523480	33219.8
not affected by terrain losses	522006	32978.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	25669	1006.8
lost to ATV IX only	25669	1006.8
lost to all IX	25669	1006.8

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Potential Interfering Stations Included in above Scenario 1

7A FL JACKSONVILLE	BLEDT	20090617ACD	LIC
8A GA ATHENS	BLEDT	20090612ACE	LIC
8A GA DAWSON	BLEDT	20080516AAO	LIC
8A SC COLUMBIA	BLCDT	20100614AIP	LIC
9A GA SAVANNAH	BLEDT	20090612AGH	LIC
7A GA COCHRAN	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 10

Analysis of current record

Channel	Call	City/State	Application Ref. No.
07	WMUM-TV-	COCHRAN GA	USERRECORD-01

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
07	WCIQ	MOUNT CHEAHA AL	263.5	LIC	BLEDT -20120828AAV
07	WJCT	JACKSONVILLE FL	291.2	LIC	BLEDT -20090617ACD
07	WITV	CHARLESTON SC	336.4	LIC	BLEDT -20090304ABI
07	WITV	CHARLESTON SC	336.4	CP	BLANK -0000013486
07	WSPA-TV	SPARTANBURG SC	313.0	LIC	BLCDT -20090918ACF
07	WKNX-TV	KNOXVILLE TN	398.4	LIC	BLCDT -20040810ABE
08	WGTW	ATHENS GA	169.9	LIC	BLEDT -20090612ACE
08	WACS-TV	DAWSON GA	135.8	LIC	BLEDT -20080516AAO
08	WXGA-TV	WAYCROSS GA	153.0	LIC	BLEDT -20090612ACD

Total scenarios = 2

Result key: 8

Scenario 1 Affected station 10

Before Analysis

Results for: 7A GA COCHRAN USERRECORD01 APP

HAAT 337.0 m, ATV ERP 28.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	799005	33509.6
not affected by terrain losses	796721	33103.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	17914	1099.0
lost to ATV IX only	17914	1099.0
lost to all IX	17914	1099.0

Potential Interfering Stations Included in above Scenario 1

7A AL MOUNT CHEAHA	BLEDT	20120828AAV	LIC
7A FL JACKSONVILLE	BLEDT	20090617ACD	LIC
7A SC CHARLESTON	BLEDT	20090304ABI	LIC
7A SC SPARTANBURG	BLCDT	20090918ACF	LIC
8A GA DAWSON	BLEDT	20080516AAO	LIC
8A GA WAYCROSS	BLEDT	20090612ACD	LIC

Result key: 9

Scenario 2 Affected station 10

Before Analysis

Results for: 7A GA COCHRAN USERRECORD01 APP

HAAT 337.0 m, ATV ERP 28.0 kW	POPULATION	AREA (sq km)
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within Noise Limited Contour	799005	33509.6
not affected by terrain losses	796721	33103.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	17986	1115.1
lost to ATV IX only	17986	1115.1
lost to all IX	17986	1115.1

Potential Interfering Stations Included in above Scenario 2

7A AL MOUNT CHEAHA	BLEDT	20120828AAV	LIC
7A FL JACKSONVILLE	BLEDT	20090617ACD	LIC
7A SC CHARLESTON	BLANK	0000013486	CP
7A SC SPARTANBURG	BLCDT	20090918ACF	LIC
8A GA DAWSON	BLEDT	20080516AAO	LIC
8A GA WAYCROSS	BLEDT	20090612ACD	LIC

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