

DELAWDER COMMUNICATIONS, INC.

P.O. Box 1095

Ashburn, Virginia 20146-1095

(703) 299-9222

ENGINEERING REPORT

Digital Flash-cut Application for Class A Station WOIL-LP

CLASS A DIGITAL – INTERFERENCE STUDIES

1. Attached as Figure 1 are the OET-69 study results for the proposed facility (as the referenced station) as determined on a Sun Computer using a Solaris (Unix-based) operating system and using the same OET-69 software as developed for use by the FCC. (According to the software developer, the program used herein provides identical results as the FCC's OET-69 processing program.) All studies are conducted in accordance with current FCC Rules and Regulations. As demonstrated by Figure 1, the proposed facility adequately protects all required US broadcast stations as required by the FCC Rules.

2. The applicant accepts any interference that is predicted to exist to the proposed facility by any licensed, authorized or previously proposed primary TV station. The applicant also accepts any interference that is predicted to exist to the proposed facility by any secondary TV facility that is given preferential status by the FCC over the Applicant's herein proposed facility.

Digital Interference Free Population is Being Lessened

3. WOIL-LP operates as a Class A analog TV station on channel 47. The Applicant has a construction permit for a digital companion-channel ("DCC") facility to WOIL-LP on channel 25 (BDCCDTL-20130926AZI) from a transmitter site that is located 26 miles north of the licensed analog transmitter site. Due to the recent May 29, 2015, Pre-Auction Licensing Deadline set by the FCC (by Public Notice released January 28, 2015), the Applicant will be unable to construct the DCC channel 25 facility by the May 29th deadline. The applicant, therefore, seeks a grant of the herein-proposed channel 47 flash-cut to digital *from its licensed analog site* to replace the DCC authorization. This request is made based on a showing that the herein-proposed channel 47 flash-cut facility proposes a predicted interference-free population that is slightly less than the predicted interference-free population of the channel 25 DCC facility.

4. Figure 1 includes as the last station study ("Affected station 31") the results of predicted interference TO the proposed channel 47 digital flash-cut facility. The

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interference-free population for the flash-cut facility is 229,746 persons (based on OET-69)¹. Figure 2, attached, is a similar showing of the interference-free population that is proposed by the existing companion channel 25 construction permit. This slightly higher population is 230,883². Therefore, the proposed channel 47 flash-cut facility serves a smaller population than served by the authorized channel 25 DCC facility.

Regarding April 5, 2013 Public Notice Conditions

5. The Media Bureau's Public Notice, *Media Bureau Announces Limitations on the Filings and Processing of Full Power and Class A Television Station Modification Applications, Effective Immediately, and Reminds Stations of Spectrum Act Preservation Mandate*, released April 5, 2013 ("2013 PN") appears to restrict the facility modification of WOIL-LP's digital operation to its existing channel 47 analog service contour or to its existing channel 25 authorized digital service contour. The May 29th construction deadline, however, greatly frustrates the Applicant's ability to maintain its digital Class A rights for the upcoming television incentive auction should the FCC not provide some consideration to its unique circumstances and grant the herein-proposed facility despite the 2013 PN restriction on service area extension. Specifically, taken together, the following points make the WOIL-LP case rather unique:

- a. The authorized DCC channel 25 transmitter site is at an undeveloped site that is located at a significant distance (26 miles) from the licensed analog site; and this undeveloped site cannot be constructed by the May 29th deadline;
- b. The Applicant is seeking to meet the May 29th digital licensing deadline by

¹ The predicted interference free population for the 47D proposal is the population "not affected by terrain losses" (285,761) minus the population "lost to all IX" (56,015) that equals a population of 229,746.

² The predicted interference free population for the digital companion channel authorization is the population "not affected by terrain losses" (414,940) minus the population "lost to all IX" (184,057) that equals a population of 230,883.

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licensing as digital from its currently licensed analog site—with a herein-proposed facility that has less predicted interference-free service population than realized for its authorized digital companion channel facility.

c. The digital ERP from the licensed analog transmitter site (using the licensed antenna height and omni antenna) would be extremely limited (to *only 150 watts*) is it were necessary to maintain the digital 51 dBu F50,90 contour within the licensed analog 74 dBu F50,50 contour.

6. The flash-cut to digital on channel 47 is a minor change application. *It should be noted that the digital companion channel authorization is not yet deemed a Class A facility; therefore it may, in fact, not be subject to the 2013 PN restrictions on service.* Also, should the FCC regard the DCC 25D authorization as a Class A digital facility, the 2013 PN appears to allow for such a minor change in the last sentence of paragraph 3, that reads:

However, consistent with the Commission's proposal in the NPRM, Class A minor change applications to implement the digital transition (flash cut and digital companion channel) may continue to be filed and will be processed subject to the current limitations in Sections 73.3572(a)(2) and 74.787(a)(2) of the Commission's rules.

Based on this representation, the FCC is allowing for the expansion of Class A station service areas for those such stations that have not yet been granted any sort of digital facility (either by flash cut or digital companion channel) despite language to the contrary in the 2013 PN that the FCC is attempting to preserve the coverage areas for primary and Class A TV stations. It seems unduly unfair to not permit an already authorized digital companion channel facility to make a similar expansion of its service area via a new minor change proposal – in this case for WOIL-LP, as a flash-cut on channel 47.

7. To the extent deemed necessary, the Applicant respectfully requests a waiver of the 2013 PN policies to permit the grant of this application.

FIGURE 1 (29 Pages)

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
/space/software/cdb/pt_tvdb.sff
TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 03-16-2015 Time: 16:26:09

Record Selected for Analysis

WOIL-LP USERRECORD-01 TALLADEGA AL US
Channel 47 ERP 3. kW HAAT 337. m RCAMSL 00513 m STRINGENT MASK
Latitude 033-24-42 Longitude 0086-12-27
Status APP Zone 2 Border Site number: 01
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
Service Class = LD
Maximum height/power limits not checked

| Site number | 1 | | | |
|-------------|-------|-------|-------------------|--|
| Azimuth | ERP | HAAT | 51.0 dBu F(50,90) | |
| (Deg) | (kW) | (m) | (km) | |
| 0.0 | 3.000 | 342.3 | 48.965 | |
| 45.0 | 3.000 | 292.0 | 46.343 | |
| 90.0 | 3.000 | 326.8 | 48.152 | |
| 135.0 | 3.000 | 297.2 | 46.606 | |
| 180.0 | 3.000 | 351.3 | 49.418 | |
| 225.0 | 3.000 | 367.3 | 50.161 | |
| 270.0 | 3.000 | 361.1 | 49.882 | |
| 315.0 | 3.000 | 358.2 | 49.751 | |

NO LANDMOBILE SPACING VIOLATIONS FOUND

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

| | | | |
|---------|------------------|--------------|--------------|
| | Proposed Station | | |
| Channel | Call | City/State | ARN |
| 47 | WOIL-LP | TALLADEGA AL | USERRECORD01 |

Stations Potentially Affected by Proposed Station

| Chan | Call | City/State | Dist(km) | Status | Application | Ref. No. |
|------|---------|-----------------------|----------|--------|-------------|--------------|
| 46 | W46DK | BIRMINGHAM AL | 56.2 | LIC | BLTT | -20030311AIA |
| 46 | W46DF-D | HAMILTON AL | 175.6 | LIC | BLDTL | -20100104AAG |
| 46 | WHNT-DR | HUNTSVILLE AL | 150.5 | APP | BPRM | -20080619ALW |
| 46 | WMCF-TV | MONTGOMERY AL | 112.0 | LIC | BLCDT | -20100329AFH |
| 46 | WRTD-LD | TUSCALOOSA AL | 130.9 | LIC | BLDTT | -20120927AHI |
| 46 | W46CF | TUSCUMBIA AL | 196.3 | LIC | BLTTL | -19960627IB |
| 47 | W49AY | BIRMINGHAM AL | 56.4 | CP | BDISDTA | -20120207AAF |
| 47 | W49AY | BIRMINGHAM AL | 56.4 | APP | BSTA | -20110525AAW |
| 47 | W30BD | EUFAULA AL | 193.5 | CP | BDISDTL | -20110616AAC |
| 47 | W46CF | MOULTON AL | 152.1 | APP | BDISTTL | -20060324AAB |
| 47 | WEEL-LD | TUSCALOOSA AL | 180.3 | CP | BNPDTL | -20101012AAW |
| 47 | WPCT | PANAMA CITY BEACH FL | 361.1 | LIC | BLCDT | -20100826AEX |
| 47 | W47EF-D | ATHENS GA | 310.1 | CP MOD | BMPDTL | -20130515ACI |
| 47 | W47EB-D | COLUMBUS GA | 147.1 | CP | BNPDTL | -20100423ACK |
| 47 | WDGA-CA | DALTON GA | 183.3 | CP MOD | BMPDTA | -20150219ACA |
| 47 | WWPD-LD | DOUGLAS GA | 378.4 | CP | BDCCDTL | -20061026ADS |
| 47 | W47EC-D | LENOX GA | 345.9 | CP | BNPDTL | -20100510ABK |
| 47 | WKTB-CD | NORCROSS GA | 193.9 | LIC | BLDTA | -20110120ADF |
| 47 | W47EP-D | SOPERTON GA | 368.2 | CP | BNPDTL | -20100510AHI |
| 47 | W47EQ-D | AUBURN MS | 243.0 | CP | BNPDTL | -20100510AFZ |
| 47 | W47DY-D | CANTON/WAYNESVILLE NC | 385.8 | LIC | BLDTT | -20111116ADL |
| 47 | W47DM-D | CULLOWHEE NC | 348.5 | LIC | BLDTT | -20090615AAQ |
| 47 | WLJT-DT | LEXINGTON TN | 336.1 | LIC | BLEDT | -20131112BLI |
| 47 | WNTU-LD | NASHVILLE TN | 322.0 | CP | BDCCDTL | -20110721AKZ |
| 48 | WAFF-DR | HUNTSVILLE AL | 147.5 | APP | BPRM | -20080620AOO |

| | | | |
|--------------------------------|------------|--------------|-----|
| Results for: 46N AL BIRMINGHAM | BLTT | 20030311AIA | LIC |
| | POPULATION | AREA (sq km) | |
| within Noise Limited Contour | 730599 | 2906.1 | |
| not affected by terrain losses | 707405 | 2471.5 | |
| lost to NTSC IX | 0 | 0.0 | |
| lost to additional IX by ATV | 40317 | 232.2 | |
| lost to all IX | 40317 | 232.2 | |

Potential Interfering Stations Included in above Scenario 1

| | | | |
|-------------------|--------------|-------------|-----|
| 45A AL GADSDEN | BLCDT | 20020510AAL | LIC |
| 46A AL MONTGOMERY | BLCDT | 20100329AFH | LIC |
| 46A AL TUSCALOOSA | BLDTT | 20120927AHI | LIC |
| 50A AL BIRMINGHAM | BLCDT | 20091005ACI | LIC |
| 47A AL TALLADEGA | USERRECORD01 | | APP |

Percent new IX = 0.0000%

Result key: 2
Scenario 2 Affected station 1
Before Analysis

| | | | |
|--------------------------------|------------|--------------|-----|
| Results for: 46N AL BIRMINGHAM | BLTT | 20030311AIA | LIC |
| | POPULATION | AREA (sq km) | |
| within Noise Limited Contour | 730599 | 2906.1 | |
| not affected by terrain losses | 707405 | 2471.5 | |
| lost to NTSC IX | 0 | 0.0 | |
| lost to additional IX by ATV | 43651 | 244.1 | |
| lost to all IX | 43651 | 244.1 | |

Potential Interfering Stations Included in above Scenario 2

| | | | |
|-------------------|-------|-------------|-----|
| 45A AL GADSDEN | BLCDT | 20020510AAL | LIC |
| 46A AL HUNTSVILLE | BPRM | 20080619ALW | APP |
| 46A AL MONTGOMERY | BLCDT | 20100329AFH | LIC |
| 46A AL TUSCALOOSA | BLDTT | 20120927AHI | LIC |
| 50A AL BIRMINGHAM | BLCDT | 20091005ACI | LIC |

After Analysis

| | | | |
|--------------------------------|------------|--------------|-----|
| Results for: 46N AL BIRMINGHAM | BLTT | 20030311AIA | LIC |
| | POPULATION | AREA (sq km) | |
| within Noise Limited Contour | 730599 | 2906.1 | |
| not affected by terrain losses | 707405 | 2471.5 | |
| lost to NTSC IX | 0 | 0.0 | |
| lost to additional IX by ATV | 43651 | 244.1 | |
| lost to all IX | 43651 | 244.1 | |

Potential Interfering Stations Included in above Scenario 2

| | | | |
|-------------------|-------|-------------|-----|
| 45A AL GADSDEN | BLCDT | 20020510AAL | LIC |
| 46A AL HUNTSVILLE | BPRM | 20080619ALW | APP |
| 46A AL MONTGOMERY | BLCDT | 20100329AFH | LIC |

46A AL TUSCALOOSA BLDTT 20120927AHI LIC
 50A AL BIRMINGHAM BLCDT 20091005ACI LIC
 47A AL TALLADEGA USERRECORD01 APP

Percent new IX = 0.0000%

Result key: 3
 Scenario 3 Affected station 1
 Before Analysis

Results for: 46N AL BIRMINGHAM BLTT 20030311AIA LIC
 POPULATION AREA (sq km)
 within Noise Limited Contour 730599 2906.1
 not affected by terrain losses 707405 2471.5
 lost to NTSC IX 0 0.0
 lost to additional IX by ATV 40317 232.2
 lost to all IX 40317 232.2

Potential Interfering Stations Included in above Scenario 3

45A AL GADSDEN BLCDT 20020510AAL LIC
 46A AL MONTGOMERY BLCDT 20100329AFH LIC
 46A AL TUSCALOOSA BLDTT 20120927AHI LIC
 50A AL BIRMINGHAM BLCDT 20091005ACI LIC

After Analysis

Results for: 46N AL BIRMINGHAM BLTT 20030311AIA LIC
 POPULATION AREA (sq km)
 within Noise Limited Contour 730599 2906.1
 not affected by terrain losses 707405 2471.5
 lost to NTSC IX 0 0.0
 lost to additional IX by ATV 40317 232.2
 lost to all IX 40317 232.2

Potential Interfering Stations Included in above Scenario 3

45A AL GADSDEN BLCDT 20020510AAL LIC
 46A AL MONTGOMERY BLCDT 20100329AFH LIC
 46A AL TUSCALOOSA BLDTT 20120927AHI LIC
 50A AL BIRMINGHAM BLCDT 20091005ACI LIC
 47A AL TALLADEGA 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 2

Analysis of current record

| | | | |
|---------|---------|-------------|----------------------|
| Channel | Call | City/State | Application Ref. No. |
| 46 | W46DF-D | HAMILTON AL | BLDTL -20100104AAG |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application Ref. No. |
|------|---------|-----------------|----------|--------|----------------------|
| 45 | W45CW | RUSSELLVILLE AL | 54.6 | LIC | BLTTL -20061103ACQ |
| 46 | W46DK | BIRMINGHAM AL | 122.4 | LIC | BLTT -20030311AIA |
| 46 | WHNT-DR | HUNTSVILLE AL | 151.6 | APP | BPRM -20080619ALW |
| 46 | WMCF-TV | MONTGOMERY AL | 244.2 | LIC | BLCDT -20100329AFH |
| 46 | WRTD-LD | TUSCALOOSA AL | 115.7 | LIC | BLDTT -20120927AHI |
| 46 | W46CF | TUSCUMBIA AL | 62.2 | LIC | BLTTL -19960627IB |
| 46 | WWWN-LD | MEMPHIS TN | 214.6 | LIC | BLDTL -20100111AFK |
| 47 | W47EQ-D | AUBURN MS | 67.4 | CP | BNPDTL -20100510AFZ |
| 47 | WOIL-LP | TALLADEGA AL | 175.6 | APP | USERRECORD-01 |

Proposed station is beyond the site to nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 3

Analysis of current record

| | | | |
|---------|---------|---------------|----------------------|
| Channel | Call | City/State | Application Ref. No. |
| 46 | WHNT-DR | HUNTSVILLE AL | BPRM -20080619ALW |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application Ref. No. |
|------|---------|---------------|----------|--------|----------------------|
| 45 | WPXH-TV | GADSDEN AL | 94.4 | LIC | BLCDT -20020510AAL |
| 46 | WMCF-TV | MONTGOMERY AL | 261.4 | LIC | BLCDT -20100329AFH |
| 46 | WFIE | EVANSVILLE IN | 360.9 | LIC | BLCDT -20050916ACR |
| 47 | WLJT-DT | LEXINGTON TN | 216.4 | LIC | BLEDT -20131112BLI |
| 47 | WOIL-LP | TALLADEGA AL | 150.5 | APP | USERRECORD-01 |

Total scenarios = 1

Result key: 4
 Scenario 1 Affected station 3
 Before Analysis

Results for: 46A AL HUNTSVILLE BPRM 20080619ALW APP
 HAAT 531.0 m, ATV ERP 575.0 kW

| | POPULATION | AREA (sq km) |
|--------------------------------|------------|--------------|
| within Noise Limited Contour | 1375692 | 34679.3 |
| not affected by terrain losses | 1293843 | 32274.8 |
| lost to NTSC IX | 0 | 0.0 |
| lost to additional IX by ATV | 21562 | 574.7 |
| lost to ATV IX only | 21562 | 574.7 |
| lost to all IX | 21562 | 574.7 |

Potential Interfering Stations Included in above Scenario 1

| | | | |
|-------------------|-------|-------------|-----|
| 45A AL GADSDEN | BLCDT | 20020510AAL | LIC |
| 46A AL MONTGOMERY | BLCDT | 20100329AFH | LIC |
| 46A IN EVANSVILLE | BLCDT | 20050916ACR | LIC |

After Analysis

Results for: 46A AL HUNTSVILLE BPRM 20080619ALW APP
 HAAT 531.0 m, ATV ERP 575.0 kW

| | POPULATION | AREA (sq km) |
|--------------------------------|------------|--------------|
| within Noise Limited Contour | 1375692 | 34679.3 |
| not affected by terrain losses | 1293843 | 32274.8 |
| lost to NTSC IX | 0 | 0.0 |
| lost to additional IX by ATV | 21633 | 575.7 |
| lost to ATV IX only | 21633 | 575.7 |
| lost to all IX | 21633 | 575.7 |

Potential Interfering Stations Included in above Scenario 1

| | | | |
|-------------------|--------------|-------------|-----|
| 45A AL GADSDEN | BLCDT | 20020510AAL | LIC |
| 46A AL MONTGOMERY | BLCDT | 20100329AFH | LIC |
| 46A IN EVANSVILLE | BLCDT | 20050916ACR | LIC |
| 47A AL TALLADEGA | USERRECORD01 | | APP |

Percent new IX = 0.0056%

Worst case new IX 0.0056% Scenario 1

#####

Analysis of Interference to Affected Station 4

Analysis of current record

| Channel | Call | City/State | Application | Ref. No. |
|---------|---------|---------------|-------------|--------------|
| 46 | WMCF-TV | MONTGOMERY AL | BLCDT | -20100329AFH |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application | Ref. No. |
|------|---------|----------------|----------|--------|---------------|--------------|
| 45 | WPXH-TV | GADSDEN AL | 167.3 | LIC | BLCDT | -20020510AAL |
| 46 | WHNT-DR | HUNTSVILLE AL | 261.4 | APP | BPRM | -20080619ALW |
| 46 | WCTV | THOMASVILLE GA | 287.7 | LIC | BLCDT | -20050815AAA |
| 47 | WOIL-LP | TALLADEGA AL | 112.0 | APP | USERRECORD-01 | |

Total scenarios = 3

Result key: 5
 Scenario 1 Affected station 4
 Before Analysis

Results for: 46A AL MONTGOMERY BLCDT 20100329AFH LIC
HAAT 130.0 m, ATV ERP 851.0 kW

| | POPULATION | AREA (sq km) |
|--------------------------------|------------|--------------|
| within Noise Limited Contour | 552881 | 17899.0 |
| not affected by terrain losses | 549131 | 17480.1 |
| lost to NTSC IX | 0 | 0.0 |
| lost to additional IX by ATV | 1441 | 182.0 |
| lost to ATV IX only | 1441 | 182.0 |
| lost to all IX | 1441 | 182.0 |

Potential Interfering Stations Included in above Scenario 1

46A GA THOMASVILLE BLCDT 20050815AAA LIC

After Analysis

Results for: 46A AL MONTGOMERY BLCDT 20100329AFH LIC
HAAT 130.0 m, ATV ERP 851.0 kW

| | POPULATION | AREA (sq km) |
|--------------------------------|------------|--------------|
| within Noise Limited Contour | 552881 | 17899.0 |
| not affected by terrain losses | 549131 | 17480.1 |
| lost to NTSC IX | 0 | 0.0 |
| lost to additional IX by ATV | 2333 | 232.0 |
| lost to ATV IX only | 2333 | 232.0 |
| lost to all IX | 2333 | 232.0 |

Potential Interfering Stations Included in above Scenario 1

46A GA THOMASVILLE BLCDT 20050815AAA LIC
47A AL TALLADEGA USERRECORD01 APP

Percent new IX = 0.1629%

Result key: 6
Scenario 2 Affected station 4
Before Analysis

Results for: 46A AL MONTGOMERY BLCDT 20100329AFH LIC
HAAT 130.0 m, ATV ERP 851.0 kW

| | POPULATION | AREA (sq km) |
|--------------------------------|------------|--------------|
| within Noise Limited Contour | 552881 | 17899.0 |
| not affected by terrain losses | 549131 | 17480.1 |
| lost to NTSC IX | 0 | 0.0 |
| lost to additional IX by ATV | 2771 | 282.9 |
| lost to ATV IX only | 2771 | 282.9 |
| lost to all IX | 2771 | 282.9 |

Potential Interfering Stations Included in above Scenario 2

46A AL HUNTSVILLE BPRM 20080619ALW APP
46A GA THOMASVILLE BLCDT 20050815AAA LIC

After Analysis

Results for: 46A AL MONTGOMERY BLCDT 20100329AFH LIC
HAAT 130.0 m, ATV ERP 851.0 kW

| | POPULATION | AREA (sq km) |
|--------------------------------|------------|--------------|
| within Noise Limited Contour | 552881 | 17899.0 |
| not affected by terrain losses | 549131 | 17480.1 |
| lost to NTSC IX | 0 | 0.0 |
| lost to additional IX by ATV | 3086 | 314.2 |
| lost to ATV IX only | 3086 | 314.2 |
| lost to all IX | 3086 | 314.2 |

Potential Interfering Stations Included in above Scenario 2

| | | | |
|--------------------|--------------|-------------|-----|
| 46A AL HUNTSVILLE | BPRM | 20080619ALW | APP |
| 46A GA THOMASVILLE | BLCDT | 20050815AAA | LIC |
| 47A AL TALLADEGA | USERRECORD01 | | APP |

Percent new IX = 0.0577%

Result key: 7
Scenario 3 Affected station 4
Before Analysis

Results for: 46A AL MONTGOMERY BLCDT 20100329AFH LIC
HAAT 130.0 m, ATV ERP 851.0 kW

| | POPULATION | AREA (sq km) |
|--------------------------------|------------|--------------|
| within Noise Limited Contour | 552881 | 17899.0 |
| not affected by terrain losses | 549131 | 17480.1 |
| lost to NTSC IX | 0 | 0.0 |
| lost to additional IX by ATV | 1441 | 182.0 |
| lost to ATV IX only | 1441 | 182.0 |
| lost to all IX | 1441 | 182.0 |

Potential Interfering Stations Included in above Scenario 3

| | | | |
|--------------------|-------|-------------|-----|
| 46A GA THOMASVILLE | BLCDT | 20050815AAA | LIC |
|--------------------|-------|-------------|-----|

After Analysis

Results for: 46A AL MONTGOMERY BLCDT 20100329AFH LIC
HAAT 130.0 m, ATV ERP 851.0 kW

| | POPULATION | AREA (sq km) |
|--------------------------------|------------|--------------|
| within Noise Limited Contour | 552881 | 17899.0 |
| not affected by terrain losses | 549131 | 17480.1 |
| lost to NTSC IX | 0 | 0.0 |
| lost to additional IX by ATV | 2333 | 232.0 |
| lost to ATV IX only | 2333 | 232.0 |
| lost to all IX | 2333 | 232.0 |

Potential Interfering Stations Included in above Scenario 3

| | | | |
|--------------------|--------------|-------------|-----|
| 46A GA THOMASVILLE | BLCDT | 20050815AAA | LIC |
| 47A AL TALLADEGA | USERRECORD01 | | APP |

Percent new IX = 0.1629%

Worst case new IX 0.1629% Scenario 1

#####

Analysis of Interference to Affected Station 5

Analysis of current record

| Channel | Call | City/State | Application | Ref. No. |
|---------|--------|---------------|-------------|--------------|
| 46 | WRD-LD | TUSCALOOSA AL | BLDTT | -20120927AHI |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application | Ref. No. |
|------|---------|---------------|----------|--------|---------------|--------------|
| 46 | W46DK | BIRMINGHAM AL | 83.9 | LIC | BLTT | -20030311AIA |
| 46 | W46DF-D | HAMILTON AL | 115.7 | LIC | BLDTL | -20100104AAG |
| 46 | WHNT-DR | HUNTSVILLE AL | 209.4 | APP | BPRM | -20080619ALW |
| 46 | WMCF-TV | MONTGOMERY AL | 145.7 | LIC | BLCDT | -20100329AFH |
| 46 | W46CF | TUSCUMBIA AL | 171.8 | LIC | BLTTL | -19960627IB |
| 47 | W49AY | BIRMINGHAM AL | 83.7 | CP | BDISDTA | -20120207AAF |
| 47 | WEEL-LD | TUSCALOOSA AL | 57.1 | CP | BNPDTL | -20101012AAW |
| 47 | WOIL-LP | TALLADEGA AL | 130.9 | 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. |
|---------|-------|--------------|-------------|-------------|
| 46 | W46CF | TUSCUMBIA AL | BLTTL | -19960627IB |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application | Ref. No. |
|------|---------|-----------------|----------|--------|---------------|--------------|
| 43 | WBBJ-TV | JACKSON TN | 142.4 | LIC | BLCDT | -20080414ABS |
| 45 | W45CW | RUSSELLVILLE AL | 10.4 | LIC | BLTTL | -20061103ACQ |
| 46 | W46DF-D | HAMILTON AL | 62.2 | LIC | BLDTL | -20100104AAG |
| 46 | WHNT-DR | HUNTSVILLE AL | 117.1 | APP | BPRM | -20080619ALW |
| 46 | WMCF-TV | MONTGOMERY AL | 284.4 | LIC | BLCDT | -20100329AFH |
| 46 | WFIE | EVANSVILLE IN | 367.9 | LIC | BLCDT | -20050916ACR |
| 48 | WAFF-DR | HUNTSVILLE AL | 116.5 | APP | BPRM | -20080620AOO |
| 48 | WAFF | HUNTSVILLE AL | 116.5 | LIC | BLCDT | -20111216AAC |
| 47 | WOIL-LP | TALLADEGA AL | 196.3 | APP | USERRECORD-01 | |

Proposed station is beyond the site to nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 7

Analysis of current record

| Channel | Call | City/State | Application | Ref. No. |
|---------|-------|---------------|-------------|--------------|
| 47 | W49AY | BIRMINGHAM AL | BDISDTA | -20120207AAF |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application | Ref. No. |
|------|---------|----------------------|----------|--------|---------------|--------------|
| 46 | W46DK | BIRMINGHAM AL | 0.3 | LIC | BLTT | -20030311AIA |
| 46 | WMCF-TV | MONTGOMERY AL | 133.0 | LIC | BLCDT | -20100329AFH |
| 46 | WRTD-LD | TUSCALOOSA AL | 83.7 | LIC | BLDTT | -20120927AHI |
| 47 | W46CF | MOULTON AL | 116.5 | APP | BDISTTL | -20060324AAB |
| 47 | WOIL-LP | TALLADEGA AL | 56.4 | LIC | BLTTL | -19950531IR |
| 47 | WEEL-LD | TUSCALOOSA AL | 126.7 | CP | BNPDTL | -20101012AAW |
| 47 | WPCT | PANAMA CITY BEACH FL | 379.6 | LIC | BLCDT | -20100826AEX |
| 47 | W47EB-D | COLUMBUS GA | 196.8 | CP | BNPDTL | -20100423ACK |
| 47 | W47EQ-D | AUBURN MS | 189.2 | CP | BNPDTL | -20100510AFZ |
| 47 | WLJT-DT | LEXINGTON TN | 296.3 | LIC | BLEDT | -20131112BLI |
| 47 | WOIL-LP | TALLADEGA AL | 56.4 | APP | USERRECORD-01 | |

Total scenarios = 1

Result key: 8
 Scenario 1 Affected station 7
 Before Analysis

Results for: 47A AL BIRMINGHAM BDISDTA 20120207AAF CP
 HAAT 231.0 m, ATV ERP 15.0 kW

| | POPULATION | AREA (sq km) |
|--------------------------------|------------|--------------|
| within Noise Limited Contour | 851757 | 6088.7 |
| not affected by terrain losses | 845748 | 5863.5 |
| lost to NTSC IX | 11266 | 295.6 |
| lost to additional IX by ATV | 123 | 20.8 |
| lost to ATV IX only | 249 | 26.8 |
| lost to all IX | 11389 | 316.4 |

Potential Interfering Stations Included in above Scenario 1

| | | | |
|-------------------|--------|-------------|-----|
| 47A AL TUSCALOOSA | BNPDTL | 20101012AAW | CP |
| 47N AL TALLADEGA | BLTTL | 19950531IR | LIC |

After Analysis

Results for: 47A AL BIRMINGHAM BDISDTA 20120207AAF CP
 HAAT 231.0 m, ATV ERP 15.0 kW

| | POPULATION | AREA (sq km) |
|--------------------------------|------------|--------------|
| within Noise Limited Contour | 851757 | 6088.7 |
| not affected by terrain losses | 845748 | 5863.5 |
| lost to NTSC IX | 0 | 0.0 |

| | | |
|------------------------------|-------|-------|
| lost to additional IX by ATV | 15496 | 376.9 |
| lost to ATV IX only | 15496 | 376.9 |
| lost to all IX | 15496 | 376.9 |

Potential Interfering Stations Included in above Scenario 1

| | | | |
|-------------------|--------------|-------------|-----|
| 47A AL TUSCALOOSA | BNPDTL | 20101012AAW | CP |
| 47A AL TALLADEGA | USERRECORD01 | | APP |

Percent new IX = 0.4922%

Worst case new IX 0.4922% Scenario 1

#####

Analysis of Interference to Affected Station 8

Analysis of current record

| Channel | Call | City/State | Application | Ref. No. |
|---------|-------|---------------|-------------|--------------|
| 47 | W49AY | BIRMINGHAM AL | BSTA | -20110525AAW |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application | Ref. No. |
|------|---------|----------------------|----------|--------|---------------|--------------|
| 45 | WPXH-TV | GADSDEN AL | 55.1 | LIC | BLCDT | -20020510AAL |
| 46 | W46DK | BIRMINGHAM AL | 0.3 | LIC | BLTT | -20030311AIA |
| 46 | WMCF-TV | MONTGOMERY AL | 133.0 | LIC | BLCDT | -20100329AFH |
| 47 | WOIL-LP | TALLADEGA AL | 56.4 | LIC | BLTTL | -19950531IR |
| 47 | WEEL-LD | TUSCALOOSA AL | 126.7 | CP | BNPDTL | -20101012AAW |
| 47 | WPCT | PANAMA CITY BEACH FL | 379.6 | LIC | BLCDT | -20100826AEX |
| 47 | WLJT-DT | LEXINGTON TN | 296.3 | LIC | BLEDT | -20131112BLI |
| 50 | WBRC | BIRMINGHAM AL | 1.1 | LIC | BLCDT | -20091005ACI |
| 47 | WOIL-LP | TALLADEGA AL | 56.4 | APP | USERRECORD-01 | |

Total scenarios = 1

Result key: 9
 Scenario 1 Affected station 8
 Before Analysis

| | | | |
|--------------------------------|------------|--------------|-----|
| Results for: 47N AL BIRMINGHAM | BSTA | 20110525AAW | APP |
| | POPULATION | AREA (sq km) | |
| within Noise Limited Contour | 397134 | 812.5 | |
| not affected by terrain losses | 379686 | 752.0 | |
| lost to NTSC IX | 331877 | 633.0 | |
| lost to additional IX by ATV | 318 | 1.0 | |
| lost to all IX | 332195 | 633.9 | |

Potential Interfering Stations Included in above Scenario 1

| | | | |
|-------------------|------|-------------|-----|
| 46N AL BIRMINGHAM | BLTT | 20030311AIA | LIC |
|-------------------|------|-------------|-----|

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application | Ref. No. |
|------|---------|---------------|----------|--------|---------------|--------------|
| 45 | WPXH-TV | GADSDEN AL | 96.8 | LIC | BLCDT | -20020510AAL |
| 46 | WHNT-DR | HUNTSVILLE AL | 73.8 | APP | BPRM | -20080619ALW |
| 47 | W49AY | BIRMINGHAM AL | 116.5 | CP | BDISDTA | -20120207AAF |
| 47 | WOIL-LP | TALLADEGA AL | 152.1 | LIC | BLTTL | -19950531IR |
| 47 | WLJT-DT | LEXINGTON TN | 184.0 | LIC | BLEDT | -20131112BLI |
| 48 | WAFF-DR | HUNTSVILLE AL | 72.3 | APP | BPRM | -20080620AOO |
| 48 | WAFF | HUNTSVILLE AL | 72.3 | LIC | BLCDT | -20111216AAC |
| 50 | WBRC | BIRMINGHAM AL | 116.4 | LIC | BLCDT | -20091005ACI |
| 47 | WOIL-LP | TALLADEGA AL | 152.1 | APP | USERRECORD-01 | |

Proposal causes no interference

#####

Analysis of Interference to Affected Station 11

Analysis of current record

| Channel | Call | City/State | Application | Ref. No. |
|---------|---------|---------------|-------------|--------------|
| 47 | WEEL-LD | TUSCALOOSA AL | BNPDTL | -20101012AAW |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application | Ref. No. |
|------|---------|---------------|----------|--------|---------------|--------------|
| 46 | WRTD-LD | TUSCALOOSA AL | 57.1 | LIC | BLDTT | -20120927AHI |
| 47 | W49AY | BIRMINGHAM AL | 126.7 | CP | BDISDTA | -20120207AAF |
| 47 | W49AY | BIRMINGHAM AL | 126.7 | APP | BSTA | -20110525AAW |
| 47 | W46CF | MOULTON AL | 160.6 | APP | BDISTTL | -20060324AAB |
| 47 | WOIL-LP | TALLADEGA AL | 180.3 | LIC | BLTTL | -19950531IR |
| 47 | W47EQ-D | AUBURN MS | 126.8 | CP | BNPDTL | -20100510AFZ |
| 47 | WLJT-DT | LEXINGTON TN | 280.5 | LIC | BLEDT | -20131112BLI |
| 47 | WOIL-LP | TALLADEGA AL | 180.3 | APP | USERRECORD-01 | |

Proposal causes no interference

#####

Analysis of Interference to Affected Station 12

Analysis of current record

| Channel | Call | City/State | Application | Ref. No. |
|---------|------|----------------------|-------------|--------------|
| 47 | WPCT | PANAMA CITY BEACH FL | BLCDT | -20100826AEX |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application | Ref. No. |
|------|------|----------------|----------|--------|-------------|--------------|
| 46 | WCTV | THOMASVILLE GA | 184.3 | LIC | BLCDT | -20050815AAA |
| 48 | WIYC | TROY AL | 209.3 | LIC | BLCDT | -20100127ADF |
| 48 | WFBD | DESTIN FL | 127.8 | LIC | BLCDT | -20050906AAT |

47 WOIL-LP TALLADEGA AL 361.1 APP USERRECORD-01

Proposed station is beyond the site to nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 13

Analysis of current record

| Channel | Call | City/State | Application | Ref. No. |
|---------|---------|------------|-------------|--------------|
| 47 | W47EF-D | ATHENS GA | BMPDTL | -20130515ACI |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application | Ref. No. |
|------|---------|-----------------------|----------|--------|---------------|--------------|
| 46 | W46EM-D | ATHENS GA | 0.0 | LIC | BLDTL | -20140224ABA |
| 46 | W46EM-D | ATHENS GA | 0.0 | CP | BPDTL | -20140612ABC |
| 46 | W46EM-D | ATHENS GA | 0.0 | APP | BLANK | -0000001096 |
| 47 | WKTb-CD | NORCROSS GA | 122.3 | LIC | BLDTA | -20110120ADF |
| 47 | W47EP-D | SOPERTON GA | 156.2 | CP | BNPDTL | -20100510AHI |
| 47 | WJZY | BELMONT NC | 236.7 | LIC | BLCDT | -20080717AAP |
| 47 | W47DY-D | CANTON/WAYNESVILLE NC | 198.7 | LIC | BLDTT | -20111116ADL |
| 47 | WCSC-TV | CHARLESTON SC | 310.9 | LIC | BLCDT | -20030501ABA |
| 47 | WZRB | COLUMBIA SC | 176.8 | LIC | BLCDT | -20110511AFZ |
| 48 | W49DT-D | AUGUSTA GA | 66.6 | CP | BNPDTL | -20100421ABQ |
| 47 | WOIL-LP | TALLADEGA AL | 310.1 | APP | USERRECORD-01 | |

Proposed station is beyond the site to nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 14

Analysis of current record

| Channel | Call | City/State | Application | Ref. No. |
|---------|---------|-------------|-------------|--------------|
| 47 | W47EB-D | COLUMBUS GA | BNPDTL | -20100423ACK |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application | Ref. No. |
|------|---------|----------------------|----------|--------|-------------|--------------|
| 46 | WMCF-TV | MONTGOMERY AL | 110.1 | LIC | BLCDT | -20100329AFH |
| 47 | W49AY | BIRMINGHAM AL | 196.8 | CP | BDISDTA | -20120207AAF |
| 47 | W49AY | BIRMINGHAM AL | 196.8 | APP | BSTA | -20110525AAW |
| 47 | W30BD | EUFAULA AL | 70.1 | CP | BDISDTL | -20110616AAC |
| 47 | WOIL-LP | TALLADEGA AL | 147.1 | LIC | BLTTL | -19950531IR |
| 47 | WPCT | PANAMA CITY BEACH FL | 270.2 | LIC | BLCDT | -20100826AEX |
| 47 | WKTb-CD | NORCROSS GA | 172.5 | LIC | BLDTA | -20110120ADF |
| 48 | WIYC | TROY AL | 100.8 | LIC | BLCDT | -20100127ADF |

47 WOIL-LP TALLADEGA AL 147.1 APP USERRECORD-01
Proposal causes no interference

#####

Analysis of Interference to Affected Station 15

Analysis of current record

| Channel | Call | City/State | Application | Ref. No. |
|---------|---------|------------|-------------|--------------|
| 47 | WDGA-CA | DALTON GA | BMPDTA | -20150219ACA |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application | Ref. No. |
|------|---------|-----------------------|----------|--------|---------------|--------------|
| 47 | W49AY | BIRMINGHAM AL | 215.6 | CP | BDISDTA | -20120207AAF |
| 47 | W46CF | MOULTON AL | 207.9 | APP | BDISTTL | -20060324AAB |
| 47 | WOIL-LP | TALLADEGA AL | 183.3 | LIC | BLTTL | -19950531IR |
| 47 | WKTB-CD | NORCROSS GA | 117.7 | LIC | BLDTA | -20110120ADF |
| 47 | WJZY | BELMONT NC | 358.3 | LIC | BLCDT | -20080717AAP |
| 47 | W47DY-D | CANTON/WAYNESVILLE NC | 213.0 | LIC | BLDTT | -20111116ADL |
| 47 | WZRB | COLUMBIA SC | 376.6 | LIC | BLCDT | -20110511AFZ |
| 47 | WLJT-DT | LEXINGTON TN | 342.9 | LIC | BLEDT | -20131112BLI |
| 47 | WNTU-LD | NASHVILLE TN | 234.5 | CP | BDCCDTL | -20110721AKZ |
| 48 | WUVG-DT | ATHENS GA | 120.3 | LIC | BLCDT | -20030805AJO |
| 47 | WOIL-LP | TALLADEGA AL | 183.3 | APP | USERRECORD-01 | |

Total scenarios = 1

Result key: 10
Scenario 1 Affected station 15
Before Analysis

Results for: 47A GA DALTON BMPDTA 20150219ACA CP
HAAT 359.0 m, ATV ERP 3.2 kW

| | POPULATION | AREA (sq km) |
|--------------------------------|------------|--------------|
| within Noise Limited Contour | 518748 | 6654.5 |
| not affected by terrain losses | 496945 | 6031.7 |
| lost to NTSC IX | 3566 | 26.4 |
| lost to additional IX by ATV | 642 | 25.4 |
| lost to ATV IX only | 797 | 30.3 |
| lost to all IX | 4208 | 51.8 |

Potential Interfering Stations Included in above Scenario 1

| | | | |
|-------------------|---------|-------------|-----|
| 47A AL BIRMINGHAM | BDISDTA | 20120207AAF | CP |
| 47A GA NORCROSS | BLDTA | 20110120ADF | LIC |
| 47A TN NASHVILLE | BDCCDTL | 20110721AKZ | CP |
| 47N AL TALLADEGA | BLTTL | 19950531IR | LIC |

After Analysis

Results for: 47A GA DALTON BMPDTA 20150219ACA CP

HAAT 359.0 m, ATV ERP 3.2 kW

| | POPULATION | AREA (sq km) |
|--------------------------------|------------|--------------|
| within Noise Limited Contour | 518748 | 6654.5 |
| not affected by terrain losses | 496945 | 6031.7 |
| lost to NTSC IX | 0 | 0.0 |
| lost to additional IX by ATV | 834 | 31.3 |
| lost to ATV IX only | 834 | 31.3 |
| lost to all IX | 834 | 31.3 |

Potential Interfering Stations Included in above Scenario 1

| | | | |
|-------------------|--------------|-------------|-----|
| 47A AL BIRMINGHAM | BDISDTA | 20120207AAF | CP |
| 47A GA NORCROSS | BLDTA | 20110120ADF | LIC |
| 47A TN NASHVILLE | BDCCDTL | 20110721AKZ | CP |
| 47A AL TALLADEGA | USERRECORD01 | | APP |

Percent new IX = -0.6847%

Worst case new IX -0.6847% Scenario 1

#####

Analysis of Interference to Affected Station 16

Analysis of current record

| Channel | Call | City/State | Application | Ref. No. |
|---------|---------|------------|-------------|--------------|
| 47 | WVPD-LD | DOUGLAS GA | BDCCDTL | -20061026ADS |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application | Ref. No. |
|------|---------|----------------------|----------|--------|---------------|--------------|
| 47 | W47ED-D | JENNINGS FL | 104.8 | CP | BNPDTL | -20100510ACE |
| 47 | WPCT | PANAMA CITY BEACH FL | 315.3 | LIC | BLCDT | -20100826AEX |
| 47 | W47EC-D | LENOX GA | 62.8 | CP | BNPDTL | -20100510ABK |
| 47 | W47EP-D | SOPERTON GA | 109.1 | CP | BNPDTL | -20100510AHI |
| 47 | WCSC-TV | CHARLESTON SC | 336.0 | LIC | BLCDT | -20030501ABA |
| 47 | WZRB | COLUMBIA SC | 330.9 | LIC | BLCDT | -20110511AFZ |
| 48 | WFXU | LIVE OAK FL | 107.9 | LIC | BLCDT | -20071113ACD |
| 48 | WFXU | LIVE OAK FL | 118.4 | APP | BPCDT | -20120423ABL |
| 47 | WOIL-LP | TALLADEGA AL | 378.4 | APP | USERRECORD-01 | |

Proposal causes no interference

#####

Analysis of Interference to Affected Station 17

Analysis of current record

| Channel | Call | City/State | Application | Ref. No. |
|---------|---------|------------|-------------|--------------|
| 47 | W47EC-D | LENOX GA | BNPDTL | -20100510ABK |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application | Ref. No. |
|------|---------|----------------------|----------|--------|---------------|--------------|
| 46 | WCTV | THOMASVILLE GA | 84.2 | LIC | BLCDT | -20050815AAA |
| 47 | W30BD | EUFAULA AL | 172.3 | CP | BDISDTL | -20110616AAC |
| 47 | W47ED-D | JENNINGS FL | 87.4 | CP | BNPDTL | -20100510ACE |
| 47 | WPCT | PANAMA CITY BEACH FL | 253.1 | LIC | BLCDT | -20100826AEX |
| 47 | W47EB-D | COLUMBUS GA | 198.8 | CP | BNPDTL | -20100423ACK |
| 47 | WWPD-LD | DOUGLAS GA | 62.8 | CP | BDCCDTL | -20061026ADS |
| 47 | WZRB | COLUMBIA SC | 381.8 | LIC | BLCDT | -20110511AFZ |
| 48 | WFXU | LIVE OAK FL | 96.3 | LIC | BLCDT | -20071113ACD |
| 48 | WFXU | LIVE OAK FL | 123.7 | APP | BPCDT | -20120423ABL |
| 48 | W48DU-D | ALBANY GA | 63.3 | CP | BPDTL | -20140623ABT |
| 47 | WOIL-LP | TALLADEGA AL | 345.9 | APP | USERRECORD-01 | |

Proposal causes no interference

#####

Analysis of Interference to Affected Station 18

Analysis of current record

| Channel | Call | City/State | Application | Ref. No. |
|---------|---------|-------------|-------------|--------------|
| 47 | WKTB-CD | NORCROSS GA | BLDTA | -20110120ADF |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application | Ref. No. |
|------|---------|-----------------------|----------|--------|---------------|--------------|
| 46 | WSB-TV | GAINESVILLE GA | 39.2 | LIC | BLCDT | -20101213AGG |
| 47 | WOIL-LP | TALLADEGA AL | 193.9 | LIC | BLTTL | -19950531IR |
| 47 | W47EF-D | ATHENS GA | 122.3 | CP MOD | BMPDTL | -20130515ACI |
| 47 | W47EB-D | COLUMBUS GA | 172.5 | CP | BNPDTL | -20100423ACK |
| 47 | WDGA-CA | DALTON GA | 117.7 | CP MOD | BMPDTA | -20150219ACA |
| 47 | WJZY | BELMONT NC | 321.6 | LIC | BLCDT | -20080717AAP |
| 47 | W47DY-D | CANTON/WAYNESVILLE NC | 218.3 | LIC | BLDTT | -20111116ADL |
| 47 | WZRB | COLUMBIA SC | 295.6 | LIC | BLCDT | -20110511AFZ |
| 48 | WUVG-DT | ATHENS GA | 17.6 | LIC | BLCDT | -20030805AJO |
| 48 | WFUB-LD | GAINESVILLE GA | 64.0 | LIC | BLDTL | -20140506ABJ |
| 47 | WOIL-LP | TALLADEGA AL | 193.9 | APP | USERRECORD-01 | |

Proposal causes no interference

#####

Analysis of Interference to Affected Station 19

Analysis of current record

| Channel | Call | City/State | Application | Ref. No. |
|---------|---------|-------------|-------------|--------------|
| 47 | W47EP-D | SOPERTON GA | BNPDTL | -20100510AHI |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application | Ref. No. |
|------|---------|---------------|----------|--------|---------------|--------------|
| 46 | WPHJ-LP | VIDALIA GA | 24.9 | LIC | BLTTL | -19950206IC |
| 47 | W47EF-D | ATHENS GA | 156.2 | CP MOD | BMPDTL | -20130515ACI |
| 47 | WWPD-LD | DOUGLAS GA | 109.1 | CP | BDCCDTL | -20061026ADS |
| 47 | WJZY | BELMONT NC | 347.2 | LIC | BLCDT | -20080717AAP |
| 47 | WCSC-TV | CHARLESTON SC | 262.3 | LIC | BLCDT | -20030501ABA |
| 47 | WZRB | COLUMBIA SC | 224.3 | LIC | BLCDT | -20110511AFZ |
| 47 | WOIL-LP | TALLADEGA AL | 368.2 | APP | USERRECORD-01 | |

Proposed station is beyond the site to nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 20

Analysis of current record

| Channel | Call | City/State | Application | Ref. No. |
|---------|---------|------------|-------------|--------------|
| 47 | W47EQ-D | AUBURN MS | BNPDTL | -20100510AFZ |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application | Ref. No. |
|------|---------|---------------|----------|--------|---------------|--------------|
| 46 | W46DF-D | HAMILTON AL | 67.4 | LIC | BLDTL | -20100104AAG |
| 47 | W49AY | BIRMINGHAM AL | 189.2 | CP | BDISDTA | -20120207AAF |
| 47 | W49AY | BIRMINGHAM AL | 189.2 | APP | BSTA | -20110525AAW |
| 47 | W46CF | MOULTON AL | 126.5 | APP | BDISTTL | -20060324AAB |
| 47 | WEEL-LD | TUSCALOOSA AL | 126.8 | CP | BNPDTL | -20101012AAW |
| 47 | WLJT-DT | LEXINGTON TN | 158.8 | LIC | BLEDT | -20131112BLI |
| 47 | WOIL-LP | TALLADEGA AL | 243.0 | APP | USERRECORD-01 | |

Proposal causes no interference

#####

Analysis of Interference to Affected Station 21

Analysis of current record

| Channel | Call | City/State | Application | Ref. No. |
|---------|---------|-----------------------|-------------|--------------|
| 47 | W47DY-D | CANTON/WAYNESVILLE NC | BLDTT | -20111116ADL |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application | Ref. No. |
|------|---------|----------------|----------|--------|-------------|--------------|
| 46 | W46AX-D | BRYSON CITY NC | 56.4 | LIC | BLDTT | -20090615AAU |
| 47 | W47EF-D | ATHENS GA | 198.7 | CP MOD | BMPDTL | -20130515ACI |
| 47 | WDGA-CA | DALTON GA | 213.0 | CP MOD | BMPDTA | -20150219ACA |
| 47 | WKTB-CD | NORCROSS GA | 218.3 | LIC | BLDTA | -20110120ADF |
| 47 | WJZY | BELMONT NC | 160.3 | LIC | BLCDT | -20080717AAP |
| 47 | W47DM-D | CULLOWHEE NC | 38.3 | LIC | BLDTT | -20090615AAQ |

| | | | | | | |
|----|----------|--------------|-------|-----|---------------|--------------|
| 47 | WZRB | COLUMBIA SC | 243.1 | LIC | BLCDT | -20110511AFZ |
| 48 | DWAEN-LP | ASHEVILLE NC | 51.2 | APP | BSTA | -20130103ABW |
| 48 | WVLR | TAZEWELL TN | 100.5 | LIC | BLCDT | -20090507ACB |
| 47 | WOIL-LP | TALLADEGA AL | 385.8 | APP | USERRECORD-01 | |

Proposal causes no interference

#####

Analysis of Interference to Affected Station 22

Analysis of current record

| Channel | Call | City/State | Application | Ref. No. |
|---------|---------|--------------|-------------|--------------|
| 47 | W47DM-D | CULLOWHEE NC | BLD TT | -20090615AAQ |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application | Ref. No. |
|------|----------|-----------------------|----------|--------|---------------|--------------|
| 46 | W46AX-D | BRYSON CITY NC | 31.7 | LIC | BLD TT | -20090615AAU |
| 47 | W47EF-D | ATHENS GA | 171.3 | CP MOD | BMPDTL | -20130515ACI |
| 47 | WDGA-CA | DALTON GA | 179.0 | CP MOD | BMPDTA | -20150219ACA |
| 47 | WKTB-CD | NORCROSS GA | 180.3 | LIC | BLD TA | -20110120ADF |
| 47 | WJZY | BELMONT NC | 183.5 | LIC | BLC DT | -20080717AAP |
| 47 | W47DY-D | CANTON/WAYNESVILLE NC | 38.3 | LIC | BLD TT | -20111116ADL |
| 47 | WZRB | COLUMBIA SC | 243.5 | LIC | BLC DT | -20110511AFZ |
| 48 | DWAEN-LP | ASHEVILLE NC | 76.4 | APP | BSTA | -20130103ABW |
| 48 | WVLR | TAZEWELL TN | 113.7 | LIC | BLC DT | -20090507ACB |
| 47 | WOIL-LP | TALLADEGA AL | 348.5 | APP | USERRECORD-01 | |

Proposal causes no interference

#####

Analysis of Interference to Affected Station 23

Analysis of current record

| Channel | Call | City/State | Application | Ref. No. |
|---------|---------|--------------|-------------|--------------|
| 47 | WLJT-DT | LEXINGTON TN | BLEDT | -20131112BLI |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application | Ref. No. |
|------|---------|-------------------|----------|--------|---------------|--------------|
| 46 | WHNT-DR | HUNTSVILLE AL | 216.4 | APP | BPRM | -20080619ALW |
| 47 | WRBU | EAST ST. LOUIS IL | 342.1 | LIC | BLC DT | -20020510ABC |
| 47 | WAVE | LOUISVILLE KY | 385.1 | LIC | BLC DT | -20030306ABQ |
| 48 | WAFF-DR | HUNTSVILLE AL | 217.8 | APP | BPRM | -20080620AOO |
| 48 | WAFF | HUNTSVILLE AL | 217.8 | LIC | BLC DT | -20111216AAC |
| 48 | KVTJ-DT | JONESBORO AR | 173.7 | LIC | BLC DT | -20090209ANG |
| 47 | WOIL-LP | TALLADEGA AL | 336.1 | APP | USERRECORD-01 | |

Proposal causes no interference

#####

Analysis of Interference to Affected Station 24

Analysis of current record

| Channel | Call | City/State | Application Ref. No. |
|---------|---------|--------------|----------------------|
| 47 | WNTU-LD | NASHVILLE TN | BDCCDTL -20110721AKZ |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application Ref. No. |
|------|---------|------------------|----------|--------|----------------------|
| 46 | WPBM-CD | SCOTTSVILLE KY | 89.4 | LIC | BLDTA -20100519ABW |
| 47 | W46CF | MOULTON AL | 205.2 | APP | BDISTTL -20060324AAB |
| 47 | W47EE-D | EVANSVILLE IN | 191.9 | LIC | BLDTL -20110926ADO |
| 47 | WAVE | LOUISVILLE KY | 248.6 | LIC | BLCDT -20030306ABQ |
| 47 | WLJT-DT | LEXINGTON TN | 174.2 | LIC | BLEDT -20131112BLI |
| 48 | WKGB-TV | BOWLING GREEN KY | 92.4 | LIC | BMLEDT -20120702ACF |
| 47 | WOIL-LP | TALLADEGA AL | 322.0 | APP | USERRECORD-01 |

Proposal causes no interference

#####

Analysis of Interference to Affected Station 25

Analysis of current record

| Channel | Call | City/State | Application Ref. No. |
|---------|---------|---------------|----------------------|
| 48 | WAFF-DR | HUNTSVILLE AL | BPRM -20080620AOO |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application Ref. No. |
|------|---------|------------------|----------|--------|----------------------|
| 47 | WLJT-DT | LEXINGTON TN | 217.8 | LIC | BLEDT -20131112BLI |
| 48 | WAFF | HUNTSVILLE AL | 0.0 | LIC | BLCDT -20111216AAC |
| 48 | WIYC | TROY AL | 299.6 | LIC | BLCDT -20100127ADF |
| 48 | KVTJ-DT | JONESBORO AR | 375.6 | LIC | BLCDT -20090209ANG |
| 48 | WFBD | DESTIN FL | 413.1 | LIC | BLCDT -20050906AAT |
| 48 | WUVG-DT | ATHENS GA | 225.3 | LIC | BLCDT -20030805AJO |
| 48 | WKGB-TV | BOWLING GREEN KY | 264.5 | LIC | BMLEDT -20120702ACF |
| 48 | WVLR | TAZEWELL TN | 314.3 | LIC | BLCDT -20090507ACB |
| 47 | WOIL-LP | TALLADEGA AL | 147.5 | APP | USERRECORD-01 |

Total scenarios = 1

Result key: 11
 Scenario 1 Affected station 25
 Before Analysis

Results for: 48A AL HUNTSVILLE BPRM 20080620AOO APP
 HAAT 576.0 m, ATV ERP 356.0 kW
 POPULATION AREA (sq km)

| | | |
|--------------------------------|---------|---------|
| within Noise Limited Contour | 1436796 | 36702.6 |
| not affected by terrain losses | 1345525 | 33658.9 |
| lost to NTSC IX | 0 | 0.0 |
| lost to additional IX by ATV | 1200764 | 26795.8 |
| lost to ATV IX only | 1200764 | 26795.8 |
| lost to all IX | 1200764 | 26795.8 |

Potential Interfering Stations Included in above Scenario 1

| | | | |
|----------------------|--------|-------------|-----|
| 48A AL HUNTSVILLE | BLCDT | 20111216AAC | LIC |
| 48A AL TROY | BLCDT | 20100127ADF | LIC |
| 48A AR JONESBORO | BLCDT | 20090209ANG | LIC |
| 48A GA ATHENS | BLCDT | 20030805AJ0 | LIC |
| 48A KY BOWLING GREEN | BMLEDT | 20120702ACF | LIC |
| 48A TN TAZEWELL | BLCDT | 20090507ACB | LIC |

After Analysis

Results for: 48A AL HUNTSVILLE BPRM 20080620AOO APP
 HAAT 576.0 m, ATV ERP 356.0 kW

| | POPULATION | AREA (sq km) |
|--------------------------------|------------|--------------|
| within Noise Limited Contour | 1436796 | 36702.6 |
| not affected by terrain losses | 1345525 | 33658.9 |
| lost to NTSC IX | 0 | 0.0 |
| lost to additional IX by ATV | 1200764 | 26795.8 |
| lost to ATV IX only | 1200764 | 26795.8 |
| lost to all IX | 1200764 | 26795.8 |

Potential Interfering Stations Included in above Scenario 1

| | | | |
|----------------------|--------------|-------------|-----|
| 48A AL HUNTSVILLE | BLCDT | 20111216AAC | LIC |
| 48A AL TROY | BLCDT | 20100127ADF | LIC |
| 48A AR JONESBORO | BLCDT | 20090209ANG | LIC |
| 48A GA ATHENS | BLCDT | 20030805AJ0 | LIC |
| 48A KY BOWLING GREEN | BMLEDT | 20120702ACF | LIC |
| 48A TN TAZEWELL | BLCDT | 20090507ACB | LIC |
| 47A AL TALLADEGA | USERRECORD01 | | APP |

Percent new IX = 0.0000%

Worst case new IX 0.0000% Scenario 1

#####

Analysis of Interference to Affected Station 26

Analysis of current record

| Channel | Call | City/State | Application | Ref. No. |
|---------|------|---------------|-------------|--------------|
| 48 | WAFF | HUNTSVILLE AL | BLCDT | -20111216AAC |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application | Ref. No. |
|------|---------|------------------|----------|--------|---------------|--------------|
| 47 | WLJT-DT | LEXINGTON TN | 217.8 | LIC | BLEDT | -20131112BLI |
| 48 | WAFF-DR | HUNTSVILLE AL | 0.0 | APP | BPRM | -20080620AOO |
| 48 | WIYC | TROY AL | 299.6 | LIC | BLCDT | -20100127ADF |
| 48 | KVTJ-DT | JONESBORO AR | 375.6 | LIC | BLCDT | -20090209ANG |
| 48 | WFBD | DESTIN FL | 413.1 | LIC | BLCDT | -20050906AAT |
| 48 | WUVG-DT | ATHENS GA | 225.3 | LIC | BLCDT | -20030805AJO |
| 48 | WKGB-TV | BOWLING GREEN KY | 264.5 | LIC | BMLEDT | -20120702ACF |
| 48 | WVLR | TAZEWELL TN | 314.3 | LIC | BLCDT | -20090507ACB |
| 47 | WOIL-LP | TALLADEGA AL | 147.5 | APP | USERRECORD-01 | |

Total scenarios = 3

Result key: 12
Scenario 1 Affected station 26
Before Analysis

Results for: 48A AL HUNTSVILLE BLCDT 20111216AAC LIC
HAAT 576.0 m, ATV ERP 48.0 kW

| | POPULATION | AREA (sq km) |
|--------------------------------|------------|--------------|
| within Noise Limited Contour | 1076059 | 26005.6 |
| not affected by terrain losses | 1002335 | 23952.6 |
| lost to NTSC IX | 0 | 0.0 |
| lost to additional IX by ATV | 12846 | 403.9 |
| lost to ATV IX only | 12846 | 403.9 |
| lost to all IX | 12846 | 403.9 |

Potential Interfering Stations Included in above Scenario 1

| | | | |
|----------------------|--------|-------------|-----|
| 48A AL TROY | BLCDT | 20100127ADF | LIC |
| 48A AR JONESBORO | BLCDT | 20090209ANG | LIC |
| 48A GA ATHENS | BLCDT | 20030805AJO | LIC |
| 48A KY BOWLING GREEN | BMLEDT | 20120702ACF | LIC |
| 48A TN TAZEWELL | BLCDT | 20090507ACB | LIC |

After Analysis

Results for: 48A AL HUNTSVILLE BLCDT 20111216AAC LIC
HAAT 576.0 m, ATV ERP 48.0 kW

| | POPULATION | AREA (sq km) |
|--------------------------------|------------|--------------|
| within Noise Limited Contour | 1076059 | 26005.6 |
| not affected by terrain losses | 1002335 | 23952.6 |
| lost to NTSC IX | 0 | 0.0 |
| lost to additional IX by ATV | 12934 | 405.9 |
| lost to ATV IX only | 12934 | 405.9 |
| lost to all IX | 12934 | 405.9 |

Potential Interfering Stations Included in above Scenario 1

| | | | |
|----------------------|--------|-------------|-----|
| 48A AL TROY | BLCDT | 20100127ADF | LIC |
| 48A AR JONESBORO | BLCDT | 20090209ANG | LIC |
| 48A GA ATHENS | BLCDT | 20030805AJO | LIC |
| 48A KY BOWLING GREEN | BMLEDT | 20120702ACF | LIC |

48A TN TAZEWELL BLCDT 20090507ACB LIC
47A AL TALLADEGA USERRECORD01 APP

Percent new IX = 0.0089%

Result key: 13
Scenario 2 Affected station 26
Before Analysis

Results for: 48A AL HUNTSVILLE BLCDT 20111216AAC LIC
HAAT 576.0 m, ATV ERP 48.0 kW

| | POPULATION | AREA (sq km) |
|--------------------------------|------------|--------------|
| within Noise Limited Contour | 1076059 | 26005.6 |
| not affected by terrain losses | 1002335 | 23952.6 |
| lost to NTSC IX | 0 | 0.0 |
| lost to additional IX by ATV | 900309 | 19201.2 |
| lost to ATV IX only | 900309 | 19201.2 |
| lost to all IX | 900309 | 19201.2 |

Potential Interfering Stations Included in above Scenario 2

48A AL HUNTSVILLE BPRM 20080620AOO APP
48A AL TROY BLCDT 20100127ADF LIC
48A AR JONESBORO BLCDT 20090209ANG LIC
48A GA ATHENS BLCDT 20030805AJ0 LIC
48A KY BOWLING GREEN BMLEDT 20120702ACF LIC
48A TN TAZEWELL BLCDT 20090507ACB LIC

After Analysis

Results for: 48A AL HUNTSVILLE BLCDT 20111216AAC LIC
HAAT 576.0 m, ATV ERP 48.0 kW

| | POPULATION | AREA (sq km) |
|--------------------------------|------------|--------------|
| within Noise Limited Contour | 1076059 | 26005.6 |
| not affected by terrain losses | 1002335 | 23952.6 |
| lost to NTSC IX | 0 | 0.0 |
| lost to additional IX by ATV | 900309 | 19201.2 |
| lost to ATV IX only | 900309 | 19201.2 |
| lost to all IX | 900309 | 19201.2 |

Potential Interfering Stations Included in above Scenario 2

48A AL HUNTSVILLE BPRM 20080620AOO APP
48A AL TROY BLCDT 20100127ADF LIC
48A AR JONESBORO BLCDT 20090209ANG LIC
48A GA ATHENS BLCDT 20030805AJ0 LIC
48A KY BOWLING GREEN BMLEDT 20120702ACF LIC
48A TN TAZEWELL BLCDT 20090507ACB LIC
47A AL TALLADEGA USERRECORD01 APP

Percent new IX = 0.0000%

Result key: 14
Scenario 3 Affected station 26

Before Analysis

Results for: 48A AL HUNTSVILLE BLCDT 20111216AAC LIC
 HAAT 576.0 m, ATV ERP 48.0 kW

| | POPULATION | AREA (sq km) |
|--------------------------------|------------|--------------|
| within Noise Limited Contour | 1076059 | 26005.6 |
| not affected by terrain losses | 1002335 | 23952.6 |
| lost to NTSC IX | 0 | 0.0 |
| lost to additional IX by ATV | 12846 | 403.9 |
| lost to ATV IX only | 12846 | 403.9 |
| lost to all IX | 12846 | 403.9 |

Potential Interfering Stations Included in above Scenario 3

| | | | |
|----------------------|--------|-------------|-----|
| 48A AL TROY | BLCDT | 20100127ADF | LIC |
| 48A AR JONESBORO | BLCDT | 20090209ANG | LIC |
| 48A GA ATHENS | BLCDT | 20030805AJ0 | LIC |
| 48A KY BOWLING GREEN | BMLEDT | 20120702ACF | LIC |
| 48A TN TAZEWELL | BLCDT | 20090507ACB | LIC |

After Analysis

Results for: 48A AL HUNTSVILLE BLCDT 20111216AAC LIC
 HAAT 576.0 m, ATV ERP 48.0 kW

| | POPULATION | AREA (sq km) |
|--------------------------------|------------|--------------|
| within Noise Limited Contour | 1076059 | 26005.6 |
| not affected by terrain losses | 1002335 | 23952.6 |
| lost to NTSC IX | 0 | 0.0 |
| lost to additional IX by ATV | 12934 | 405.9 |
| lost to ATV IX only | 12934 | 405.9 |
| lost to all IX | 12934 | 405.9 |

Potential Interfering Stations Included in above Scenario 3

| | | | |
|----------------------|--------------|-------------|-----|
| 48A AL TROY | BLCDT | 20100127ADF | LIC |
| 48A AR JONESBORO | BLCDT | 20090209ANG | LIC |
| 48A GA ATHENS | BLCDT | 20030805AJ0 | LIC |
| 48A KY BOWLING GREEN | BMLEDT | 20120702ACF | LIC |
| 48A TN TAZEWELL | BLCDT | 20090507ACB | LIC |
| 47A AL TALLADEGA | USERRECORD01 | | APP |

Percent new IX = 0.0089%

Worst case new IX 0.0089% Scenario 1

#####

Analysis of Interference to Affected Station 27

Analysis of current record

| Channel | Call | City/State | Application | Ref. No. |
|---------|------|------------|-------------|--------------|
| 48 | WIYC | TROY AL | BLCDT | -20100127ADF |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application | Ref. No. |
|------|---------|----------------------|----------|--------|---------------|--------------|
| 47 | WPCT | PANAMA CITY BEACH FL | 209.3 | LIC | BLCDT | -20100826AEX |
| 48 | WAFF-DR | HUNTSVILLE AL | 299.6 | APP | BPRM | -20080620AOO |
| 48 | WAFF | HUNTSVILLE AL | 299.6 | LIC | BLCDT | -20111216AAC |
| 48 | WFBD | DESTIN FL | 138.8 | LIC | BLCDT | -20050906AAT |
| 48 | WFXU | LIVE OAK FL | 325.5 | LIC | BLCDT | -20071113ACD |
| 48 | WFXU | LIVE OAK FL | 360.2 | APP | BPCDT | -20120423ABL |
| 48 | WUVG-DT | ATHENS GA | 245.5 | LIC | BLCDT | -20030805AJO |
| 48 | WXXV-TV | GULFPORT MS | 329.0 | LIC | BLCDT | -20070809ABD |
| 49 | WAWD | FORT WALTON BEACH FL | 198.6 | LIC | BLCDT | -20100429AAK |
| 49 | WXTX | COLUMBUS GA | 110.2 | LIC | BLCDT | -20060630ACY |
| 47 | WOIL-LP | TALLADEGA AL | 152.1 | APP | USERRECORD-01 | |

Proposal causes no interference

#####

Analysis of Interference to Affected Station 28

Analysis of current record

| Channel | Call | City/State | Application | Ref. No. |
|---------|---------|------------|-------------|--------------|
| 48 | WUVG-DT | ATHENS GA | BLCDT | -20030805AJO |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application | Ref. No. |
|------|---------|------------------|----------|--------|---------------|--------------|
| 48 | WAFF-DR | HUNTSVILLE AL | 225.3 | APP | BPRM | -20080620AOO |
| 48 | WAFF | HUNTSVILLE AL | 225.3 | LIC | BLCDT | -20111216AAC |
| 48 | WIYC | TROY AL | 245.5 | LIC | BLCDT | -20100127ADF |
| 48 | WFBD | DESTIN FL | 383.9 | LIC | BLCDT | -20050906AAT |
| 48 | WFXU | LIVE OAK FL | 382.9 | LIC | BLCDT | -20071113ACD |
| 48 | WFXU | LIVE OAK FL | 404.4 | APP | BPCDT | -20120423ABL |
| 48 | WKGB-TV | BOWLING GREEN KY | 419.8 | LIC | BMLEDT | -20120702ACF |
| 48 | WACH | COLUMBIA SC | 331.4 | LIC | BLCDT | -20021204ABB |
| 48 | WVLR | TAZEWELL TN | 280.0 | LIC | BLCDT | -20090507ACB |
| 49 | WXTX | COLUMBUS GA | 157.8 | LIC | BLCDT | -20060630ACY |
| 47 | WOIL-LP | TALLADEGA AL | 178.4 | APP | USERRECORD-01 | |

Proposal causes no interference

#####

Analysis of Interference to Affected Station 29

Analysis of current record

| Channel | Call | City/State | Application | Ref. No. |
|---------|-------|---------------|-------------|-------------|
| 49 | W49AY | BIRMINGHAM AL | BLTTL | -19920218JN |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application | Ref. No. |
|------|---------|----------------------|----------|--------|---------------|--------------|
| 41 | WZDX | HUNTSVILLE AL | 141.6 | LIC | BLCDT | -20090706AEV |
| 45 | WPXH-TV | GADSDEN AL | 55.1 | LIC | BLCDT | -20020510AAL |
| 46 | WHNT-DR | HUNTSVILLE AL | 141.8 | APP | BPRM | -20080619ALW |
| 46 | WMCF-TV | MONTGOMERY AL | 133.0 | LIC | BLCDT | -20100329AFH |
| 49 | WAWD | FORT WALTON BEACH FL | 336.8 | LIC | BLCDT | -20100429AAK |
| 49 | WXTX | COLUMBUS GA | 213.0 | LIC | BLCDT | -20060630ACY |
| 50 | WBRC | BIRMINGHAM AL | 1.1 | LIC | BLCDT | -20091005ACI |
| 47 | WOIL-LP | TALLADEGA AL | 56.4 | APP | USERRECORD-01 | |

Proposed station is beyond the site to nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 30

Analysis of current record

| Channel | Call | City/State | Application | Ref. No. |
|---------|-------|-------------|-------------|-------------|
| 50 | W50BO | ASHVILLE AL | BLTTL | -19980302JB |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application | Ref. No. |
|------|---------|----------------------|----------|--------|---------------|--------------|
| 46 | WHNT-DR | HUNTSVILLE AL | 108.6 | APP | BPRM | -20080619ALW |
| 48 | WAFF-DR | HUNTSVILLE AL | 105.8 | APP | BPRM | -20080620AOO |
| 48 | WAFF | HUNTSVILLE AL | 105.8 | LIC | BLCDT | -20111216AAC |
| 50 | WBRC | BIRMINGHAM AL | 64.3 | LIC | BLCDT | -20091005ACI |
| 50 | WFGX | FORT WALTON BEACH FL | 378.8 | LIC | BLCDT | -20100806AAW |
| 47 | WOIL-LP | TALLADEGA AL | 42.9 | APP | USERRECORD-01 | |

Proposal causes no interference

#####

Analysis of Interference to Affected Station 31

Analysis of current record

| Channel | Call | City/State | Application | Ref. No. |
|---------|---------|--------------|---------------|----------|
| 47 | WOIL-LP | TALLADEGA AL | USERRECORD-01 | |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application | Ref. No. |
|------|---------|---------------|----------|--------|-------------|--------------|
| 46 | W46DK | BIRMINGHAM AL | 56.2 | LIC | BLTT | -20030311AIA |
| 46 | WMCF-TV | MONTGOMERY AL | 112.0 | LIC | BLCDT | -20100329AFH |
| 47 | W49AY | BIRMINGHAM AL | 56.4 | CP | BDISDTA | -20120207AAF |
| 47 | W49AY | BIRMINGHAM AL | 56.4 | APP | BSTA | -20110525AAW |
| 47 | W30BD | EUFAULA AL | 193.5 | CP | BDISDTL | -20110616AAC |
| 47 | W46CF | MOULTON AL | 152.1 | APP | BDISTTL | -20060324AAB |

| | | | | | | |
|----|---------|----------------------|-------|--------|--------|--------------|
| 47 | WEEL-LD | TUSCALOOSA AL | 180.3 | CP | BNPDTL | -20101012AAW |
| 47 | WPCT | PANAMA CITY BEACH FL | 361.1 | LIC | BLCDT | -20100826AEX |
| 47 | W47EB-D | COLUMBUS GA | 147.1 | CP | BNPDTL | -20100423ACK |
| 47 | WDGA-CA | DALTON GA | 183.3 | CP MOD | BMPDTA | -20150219ACA |
| 47 | WKTB-CD | NORCROSS GA | 193.9 | LIC | BLDTA | -20110120ADF |
| 47 | WLJT-DT | LEXINGTON TN | 336.1 | LIC | BLEDT | -20131112BLI |

Total scenarios = 3

Result key: 15
 Scenario 1 Affected station 31
 Before Analysis

Results for: 47A AL TALLADEGA USERRECORD01 APP
 HAAT 337.0 m, ATV ERP 3.0 kW

| | POPULATION | AREA (sq km) |
|--------------------------------|------------|--------------|
| within Noise Limited Contour | 331296 | 7167.1 |
| not affected by terrain losses | 285761 | 6683.5 |
| lost to NTSC IX | 2177 | 1.0 |
| lost to additional IX by ATV | 53838 | 442.9 |
| lost to ATV IX only | 56015 | 443.9 |
| lost to all IX | 56015 | 443.9 |

Potential Interfering Stations Included in above Scenario 1

| | | | |
|-------------------|---------|-------------|-----|
| 46N AL BIRMINGHAM | BLTT | 20030311AIA | LIC |
| 47A AL BIRMINGHAM | BDISDTA | 20120207AAF | CP |
| 47A AL EUFAULA | BDISDTL | 20110616AAC | CP |
| 47A AL TUSCALOOSA | BNPDTL | 20101012AAW | CP |
| 47A GA COLUMBUS | BNPDTL | 20100423ACK | CP |
| 47A GA DALTON | BMPDTA | 20150219ACA | CP |
| 47A GA NORCROSS | BLDTA | 20110120ADF | LIC |

Result key: 16
 Scenario 2 Affected station 31
 Before Analysis

Results for: 47A AL TALLADEGA USERRECORD01 APP
 HAAT 337.0 m, ATV ERP 3.0 kW

| | POPULATION | AREA (sq km) |
|--------------------------------|------------|--------------|
| within Noise Limited Contour | 331296 | 7167.1 |
| not affected by terrain losses | 285761 | 6683.5 |
| lost to NTSC IX | 13249 | 62.6 |
| lost to additional IX by ATV | 42766 | 381.3 |
| lost to ATV IX only | 56015 | 443.9 |
| lost to all IX | 56015 | 443.9 |

Potential Interfering Stations Included in above Scenario 2

| | | | |
|-------------------|---------|-------------|-----|
| 46N AL BIRMINGHAM | BLTT | 20030311AIA | LIC |
| 47N AL BIRMINGHAM | BSTA | 20110525AAW | APP |
| 47A AL BIRMINGHAM | BDISDTA | 20120207AAF | CP |
| 47A AL EUFAULA | BDISDTL | 20110616AAC | CP |

47A AL TUSCALOOSA BNPDTL 20101012AAW CP
 47A GA COLUMBUS BNPDTL 20100423ACK CP
 47A GA DALTON BMPDTA 20150219ACA CP
 47A GA NORCROSS BLDTA 20110120ADF LIC

Result key: 17
 Scenario 3 Affected station 31
 Before Analysis

Results for: 47A AL TALLADEGA USERRECORD01 APP
 HAAT 337.0 m, ATV ERP 3.0 kW

| | POPULATION | AREA (sq km) |
|--------------------------------|------------|--------------|
| within Noise Limited Contour | 331296 | 7167.1 |
| not affected by terrain losses | 285761 | 6683.5 |
| lost to NTSC IX | 2177 | 1.0 |
| lost to additional IX by ATV | 53838 | 442.9 |
| lost to ATV IX only | 56015 | 443.9 |
| lost to all IX | 56015 | 443.9 |

Potential Interfering Stations Included in above Scenario 3

46N AL BIRMINGHAM BLTT 20030311AIA LIC
 47A AL BIRMINGHAM BDISDTA 20120207AAF CP
 47A AL EUFAULA BDISDTL 20110616AAC CP
 47A AL TUSCALOOSA BNPDTL 20101012AAW CP
 47A GA COLUMBUS BNPDTL 20100423ACK CP
 47A GA DALTON BMPDTA 20150219ACA CP
 47A GA NORCROSS BLDTA 20110120ADF LIC

Proposal fails - It has no service

Proposal fails scenario 2 received IX increased to 100.0%

Proposal fails - It has no service

Proposal fails scenario 3 received IX increased to 100.0%

Proposed station below MX due to received interference
 47A AL TALLADEGA USERRECORD01 APP

Proposal MX with group in scenario 2 of station 31

Proposed station below MX due to received interference
 47A AL TALLADEGA USERRECORD01 APP

Proposal MX with group in scenario 3 of station 31

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FIGURE 2 (2 Pages)

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
/space/software/cdbs/pt_tvdb.sff
TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 03-09-2015 Time: 15:40:10

Record Selected for Analysis

WOIL-LP BDCCTL -20130926AZI ASHVILLE AL US
Channel 25 ERP 15. kW HAAT 183 m RCAMSL 00358 m FULL SERVICE MASK
Latitude 033-47-40 Longitude 0086-13-12
Status CP Zone Border Site number: 01
Last update 00000000 Cutoff date 20130926 Docket
Comments
Applicant JOSEPH V. EARLY

Cell Size for Service Analysis 1.0 km/side

Distance Increments for Longley-Rice Analysis 2.00 km

Not full service station
Service Class = LD
Maximum height/power limits not checked

| Site number | 1 | | | |
|-------------|--------|-------|------|--------------|
| Azimuth | ERP | HAAT | 51.0 | dBu F(50,90) |
| (Deg) | (kW) | (m) | | (km) |
| 0.0 | 15.000 | 164.7 | | 47.709 |
| 45.0 | 15.000 | 183.2 | | 48.833 |
| 90.0 | 15.000 | 159.3 | | 47.360 |
| 135.0 | 15.000 | 180.1 | | 48.660 |
| 180.0 | 15.000 | 165.4 | | 47.759 |
| 225.0 | 15.000 | 92.8 | | 41.820 |
| 270.0 | 15.000 | 170.4 | | 48.075 |
| 315.0 | 15.000 | 143.9 | | 46.303 |

Database HAAT does not agree with computed HAAT
Database HAAT: 183 Computed HAAT: 157

Analysis of Interference to Affected Station 46

Analysis of current record

| Channel | Call | City/State | Application Ref. No. |
|---------|---------|-------------|----------------------|
| 25 | WOIL-LP | ASHVILLE AL | BDCCDTL -20130926AZI |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application Ref. No. |
|------|---------|----------------|----------|--------|----------------------|
| 24 | WBXA-CA | BIRMINGHAM AL | 64.5 | CP | BDCCDTL -20110901AAE |
| 24 | WHIQ | HUNTSVILLE AL | 108.5 | LIC | BLEDT -20060927ALU |
| 25 | WJMY-CA | DEMOPOLIS AL | 148.2 | CP | BDFCDTA -20090824ABD |
| 25 | WJMY-CA | DEMOPOLIS AL | 164.8 | LIC | BLTTA -20050404ADB |
| 25 | WFNA | GULF SHORES AL | 375.8 | LIC | BLCDT -20100614AQJ |
| 25 | NEW | MONTGOMERY AL | 164.8 | APP | BNPDTL -20090825BZR |
| 25 | WATL | ATLANTA GA | 173.7 | LIC | BLCDT -20020716AAH |
| 25 | W25AD | COLUMBUS MS | 203.4 | LIC | BLTT -20031126AOI |
| 25 | WUNF-TV | ASHEVILLE NC | 324.1 | LIC | BLEDT -20120615ACE |
| 25 | WUNF-TV | ASHEVILLE NC | 365.0 | LIC | BLEDT -20120615ACE |
| 25 | WATN-TV | MEMPHIS TN | 364.9 | LIC | BLCDT -20050628AAP |
| 25 | WTVF | NASHVILLE TN | 279.8 | LIC | BLCDT -20120913AAW |
| 25 | WTVF-DR | NASHVILLE TN | 279.8 | APP | BPFS -20100830ACL |
| 26 | WTJP-TV | GADSDEN AL | 21.2 | LIC | BLCDT -20110304ACB |

Result key: 24
 Scenario 1 Affected station 46
 Before Analysis

Results for: 25A AL ASHVILLE BDCCDTL 20130926AZI CP
 HAAT 183.0 m, ATV ERP 15.0 kW

| | POPULATION | AREA (sq km) |
|--------------------------------|------------|--------------|
| within Noise Limited Contour | 448576 | 7416.0 |
| not affected by terrain losses | 414940 | 6911.8 |
| lost to NTSC IX | 22253 | 258.0 |
| lost to additional IX by ATV | 161804 | 2367.9 |
| lost to ATV IX only | 184057 | 2624.9 |
| lost to all IX | 184057 | 2625.9 |

Potential Interfering Stations Included in above Scenario 1

| | | | |
|-------------------|---------|-------------|-----|
| 25N AL DEMOPOLIS | BLTTA | 20050404ADB | LIC |
| 25N MS COLUMBUS | BLTT | 20031126AOI | LIC |
| 24A AL HUNTSVILLE | BLEDT | 20060927ALU | LIC |
| 25A AL DEMOPOLIS | BDFCDTA | 20090824ABD | CP |
| 25A GA ATLANTA | BLCDT | 20020716AAH | LIC |
| 25A TN NASHVILLE | BLCDT | 20120913AAW | LIC |
| 26A AL GADSDEN | BLCDT | 20110304ACB | LIC |

Result key: 25

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