

TECHNICAL EXHIBIT
APPLICATION FOR DTV CONSTRUCTION PERMIT
IN SUPPORT OF ITS POST-TRANSITION FACILITY
STATION WHNT-DT
HUNTSVILLE, ALABAMA
CH 46 800 KW (MAX-DA) 528 M

Technical Narrative

This Technical Exhibit supports an application for digital television (DTV) station WHNT-DT for its final DTV at Huntsville, Alabama. This application requests a construction permit (CP) for WHNT-DT digital television operation on channel 46 at Huntsville with a maximum directional effective radiated power of 800 kilowatts pursuant to its Report and Order in MB Docket No. 08-194.

Proposed Facilities

Station WHNT-DT proposes to operate DTV channel 46 from its NTSC transmitter site.

The proposed DTV transmitter site and antenna will be located at its NTSC transmitter site. Therefore, the proposed site location is:

34° 44' 19" North Latitude
86° 31' 56" West Longitude

A sketch of antenna and pertinent elevations are included as Figure 1.

The Appendix contains the vertical plane radiation pattern for the existing antenna system.

Figure 2 is a map showing the DTV predicted coverage contour and the associated analog Grade B coverage contour. The extent of the contour has been calculated using the normal FCC prediction method. The Huntsville city limits were derived from information contained in the 2000 U.S. Census of Population and Housing.

Population Served

The herein proposed WHNT-DT facility is predicted to serve 1,307,816 persons, post-transition based upon the 2000 Census. WHNT-DT's associated allotment facility is predicted to serve 1,292,000 persons. Therefore, the herein proposed WHNT-DT facility would serve more than 100% of WHNT-DT's allotment population.

HAAT/ERP Limits

The proposed facility with an effective radiated power of 800 kilowatts and antenna height above average terrain of 528 meters is in excess of the Commission's maximum effective radiated power and antenna height above terrain power limits. However, DTV station WZDX-DT on Channel 41 assigned to Huntsville has a greater service area and therefore, WHNT-DT is entitled to serve up to the same area as WZDX-DT. WZDX-DT has a service area of 35,962 square kilometers (BPCDT-20080619AJV). The herein proposed WHNT-DT service area is 35,953 square kilometers. Therefore, WHNT-DT is in fact in compliance with the maximum ERP/HAAT limit.

Allocation Considerations

The proposed WHNT-DT Channel 46 facility meets the requirements of Section 73.623 of the FCC Rules concerning predicted interference to other Appendix B DTV allotments. Longley-Rice interference analyses were conducted pursuant to the requirements of the FCC Rules; OET Bulletin No. 69; and published FCC guidelines for preparation of such interference analyses. The Longley-Rice interference analyses were conducted using the software developed by du Treil, Lundin & Rackley, Inc. based on the FCC published software routines.¹ Stations selected for analysis were determined pursuant to the distance requirements outlined in the FCC DTV Processing Guidelines Public Notice. The results of the interference analyses for the proposed WHNT-DT facility are summarized herein at Figure 3. As indicated therein, the proposed facility will meet the 0.5% criterion outlined in the FCC Rules and published guidelines with respect to all considered stations.²

Radiofrequency Electromagnetic Field Exposure

The proposed WHNT-DT facilities were evaluated in terms of potential radiofrequency electromagnetic field exposure at ground level to workers and the general public. The radiation center for the proposed WHNT-DT antenna is

1 The duTreil, Lundin & Rackley, Inc. DTV interference analysis program is based on the program and procedures outlined by the FCC in the Sixth Report and Order; subsequent Memorandum Opinion and Order; and FCC OET Bulletin No. 69. A nominal grid size resolution of 2 km was employed.

2 Interference analysis results reflect the net change in interference to a given station considering the interference predicted to occur from all other stations (i.e. "masking") including the allotment facility for WHNT-DT. This properly reflects the net interference change for determining compliance with the FCC 0.5% *de minimis* standard.

located 274 meters above ground level. The maximum effective radiated power is 800 kilowatts. A downward relative field value of 0.25 is assumed for the antenna's downward radiation. The calculated power density at a point 2 meters above ground level is 0.02 mW/cm^2 . This is less than 5 percent of the Commission's recommended limit of 0.44 mW/cm^2 for channel 46 for an "uncontrolled" environment.

Access to the transmitting site is restricted and appropriately marked with warning signs. As this will be a multi-user site an agreement between the stations will control access. In the event that workers or other authorized personnel enter restricted areas or climb the tower, appropriate measures will be taken to assure worker safety with respect to radio frequency radiation exposure. Such measures include reducing the average exposure by spreading out the work over a longer period of time, wearing "accepted" RFR protective clothing and/or RFR exposure monitors or scheduling work when the stations are at reduced power or shut down. The proposed WHNT-DT operation appears to be otherwise categorically excluded from environmental processing.

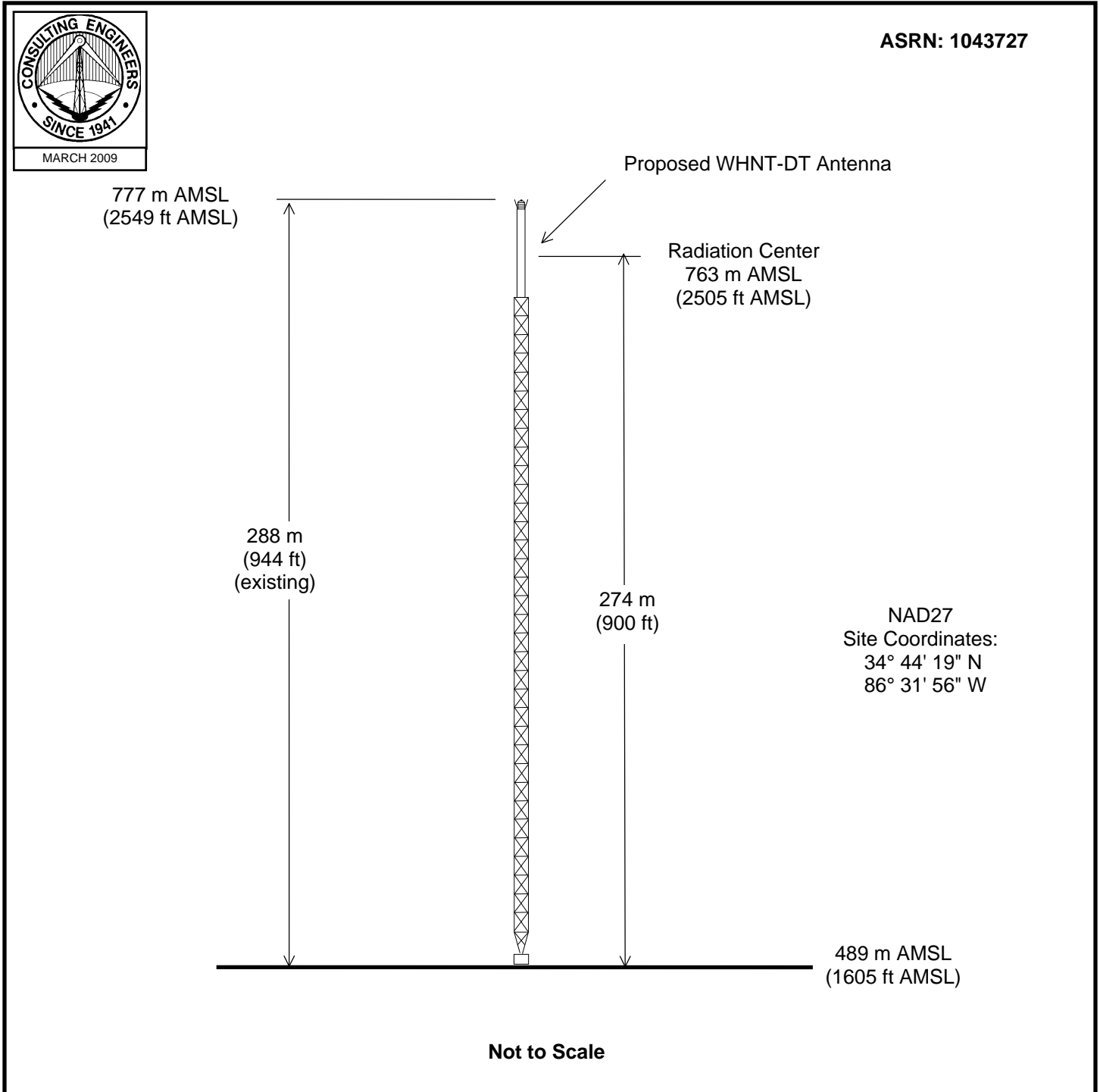
It is noted that this statement only addresses the potential for radiofrequency electromagnetic field exposure. All other aspects of the environmental processing analysis will be or already have been provided to the FCC by the tower owner.

Charles Cooper

du Treil, Lundin & Rackley, Inc.
201 Fletcher Avenue
Sarasota, Florida 32437
941.329.6000

March 10, 2009

Figure 1



ANTENNA AND SUPPORTING STRUCTURE

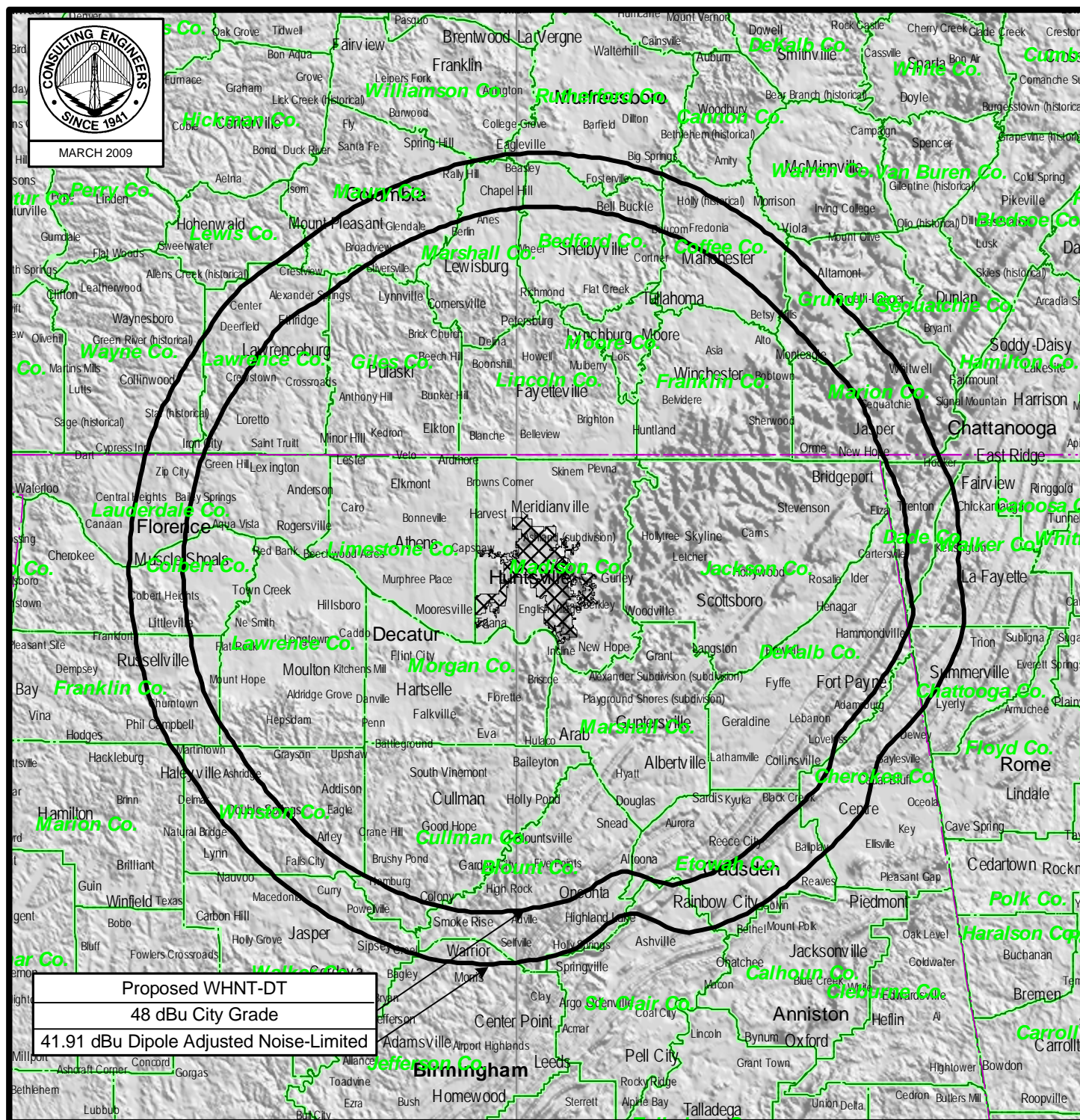
DTV STATION WHNT-DT

HUNTSVILLE, ALABAMA

CH 46 800 KW (MAX-DA) 528 M

du Treil, Lundin & Rackley, Inc. Sarasota, Florida

Figure 2



PREDICTED COVERAGE CONTOURS

DTV STATION WHNT-DT

HUNTSVILLE, ALABAMA

CH 46 800 KW (MAX-DA) 528 M

du Treil, Lundin & Rackley, Inc Sarasota, Florida

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 STATION WHNT-DT
 HUNTSVILLE, ALABAMA
 CH 46 800 KW (MAX-DA) 528 M

OET-69 Post-Transition Interference Analysis

TW Census data selected 2000
 Post Transition Data Base Selected /export/home/cdbs/pt_tvdb.sff

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 03-11-2009 Time: 09:12:42

Record Selected for Analysis

WHNT USERRECORD-01 HUNTSVILLE AL US
 Channel 46 ERP 800. kW HAAT 528. m RCAMSL 00763 m
 Latitude 034-44-19 Longitude 0086-31-56
 Status APP Zone 2 Border
 Dir Antenna Make usr Model 00000000006018 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 does not meet maximum height/power limits
 Channel 46 ERP = 800.00 HAAT = 528.

Azimuth (Deg)	ERP (kW)	HAAT (m)	41.0 dBu F(50,90) (km)
0.0	462.080	534.1	109.6
45.0	227.698	517.0	101.9
90.0	353.780	519.7	106.1
135.0	263.122	513.1	102.9
180.0	300.615	502.4	103.2
225.0	593.746	569.0	114.0
270.0	793.613	553.4	115.8
315.0	712.909	513.7	112.2

Evaluation toward Class A Stations

Contour overlap to Class A station
 W38BQ 38 HUNTSVILLE AL BSTA 20060929ABO

Contour overlap to Class A station
 W38BQ 38 HUNTSVILLE AL BLTTL 19971105IJ

Class A Evaluation Complete

SPACING VIOLATION FOUND BETWEEN STATION

WHNT 46 HUNTSVILLE AL USERRECORD01

and station

SHORT TO: WPXH 44 GADSDEN AL BLCT 19980527KE

Figure 3

033-53-27 0086-28-13
 Req. separation => 24.1 <= 96.6 Actual separation 94.2 Short 2.4(70.1) km

SHORT TO: WPXH 45 GADSDEN AL BLCDT 20020510AAL
 033-53-27 0086-28-13
 Req. separation => 24.0 <= 110.0 Actual separation 94.2 Short 15.8(70.2) km

SHORT TO: WPXH 45 GADSDEN AL DTVPLN DTVP1599
 33 -53-27 86 -28-13
 Req. separation => 24.0 <= 110.0 Actual separation 94.2 Short 15.8(70.2) km

SHORT TO: WHNT-DR 46 HUNTSVILLE AL BPRM 20080619ALW
 034-44-19 0086-31-56
 Req. separation 223.7 Actual separation 0.0 Short 223.7 km

SHORT TO: WHNT-TV 46 HUNTSVILLE AL DTVPLN DTVP1634
 34 -44-19 86 -31-56
 Req. separation 223.7 Actual separation 0.0 Short 223.7 km

SHORT TO: WGCL-TV 46 ATLANTA GA BLCT 2619
 033-48-27 0084-20-26
 Req. separation 244.6 Actual separation 226.7 Short 17.9 km

LANDMOBILE SPACING VIOLATIONS FOUND

NONE

Proposed facility OK to FCC Monitoring Stations

Proposed facility OK toward West Virginia quiet zone

Proposed facility OK toward Table Mountain

Proposed facility is beyond the Canadian coordination distance

Proposed facility is beyond the Mexican coordination distance

Proposed station is OK toward AM broadcast stations

Start of Interference Analysis

Channel	Proposed Station Call	City/State	ARN
46	WHNT	HUNTSVILLE AL	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
38	W38BQ	HUNTSVILLE AL	12.1	APP	BSTA	-20060929ABO
38	W38BQ	HUNTSVILLE AL	12.1	LIC	BLTTL	-19971105IJ
38	WBMG-LP	MOODY AL	130.7	LIC	BLTTL	-19970804JG
39	WYHB-CA	CHATTANOOGA TN	125.3	LIC	BLTTL	-19980824JC
43	WMJN-LP	DECATUR AL	54.6	LIC	BLTTA	-20020711AAH
43	WMJN-LP	SOMERVILLE AL	54.6	APP	BSTA	-20060201ACN
43	WDGA-CA	DALTON GA	143.2	LIC	BLTTL	-19910211IF
45	WPXH	GADSDEN AL	94.4	LIC	BLCDT	-20020510AAL
45	WPXH	GADSDEN AL	94.4	PLN	DTVPLN	-DTVP1599
46	WMCN-TV	MONTGOMERY AL	261.4	CP	BPCDT	-20080616ADZ
46	WMCN-TV	MONTGOMERY AL	261.4	PLN	DTVPLN	-DTVP1635
46	WMCN-TV	MONTGOMERY AL	261.4	LIC	BLCDT	-20060620ABX
46	WNDA-CA	CLARKSVILLE IN	408.4	APP	BDISDTA	-20081203AEG
46	WFIE	EVANSVILLE IN	360.9	LIC	BLCDT	-20050916ACR
46	WFIE	EVANSVILLE IN	360.9	PLN	DTVPLN	-DTVP1644
46	WFIE	EVANSVILLE IN	360.9	CP	BPCDT	-20080620AGW
47	WLJT	LEXINGTON TN	216.4	CP MOD	BMPEDT	-20020426AAH
47	WLJT	LEXINGTON TN	216.4	PLN	DTVPLN	-DTVP1692
49	W49AY	BIRMINGHAM AL	141.8	LIC	BLTTL	-19920218JN
49	WDNN-CA	DALTON GA	138.4	LIC	BLTTL	-20020319ABG

Figure 3

Analysis of Interference to Affected Station 1

Analysis of current record

Channel	Call	City/State	Application Ref. No.
38	W38BQ	HUNTSVILLE AL	BSTA -20060929ABO

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
30	WIAT	BIRMINGHAM AL	142.2	LIC	BLCDDT -20021219AAV
30	WIAT	BIRMINGHAM AL	142.2	PLN	DTVPLN -DTVP1093
36	WABM	BIRMINGHAM AL	142.2	LIC	BLCDDT -20060406AAJ
36	WABM	BIRMINGHAM AL	142.2	PLN	DTVPLN -DTVP1309
38	WBMG-LP	MOODY AL	133.8	LIC	BLTTL -19970804JG
38	W27CL	ACTON TN	170.5	LIC	BLTTL -20001130AAC
38	WEMT	GREENEVILLE TN	384.2	LIC	BLCDDT -20050606AHR
38	WEMT	GREENEVILLE TN	384.2	PLN	DTVPLN -DTVP1377
38	WHTN	MURFREESBORO TN	148.8	LIC	BLCDDT -20060627AAY
38	WHTN	MURFREESBORO TN	148.8	PLN	DTVPLN -DTVP1378
39	W54BU	HUNTSVILLE AL	0.0	APP	BPTTL -20020819ABS
40	WDSI-TV	CHATTANOOGA TN	135.7	LIC	BLCDDT -20051011ABS
40	WDSI-TV	CHATTANOOGA TN	135.7	PLN	DTVPLN -DTVP1448
41	WZDX	HUNTSVILLE AL	12.0	CP	BPCDDT -20080619AJV
41	WZDX	HUNTSVILLE AL	12.0	PLN	DTVPLN -DTVP1457
42	WFLI-TV	CLEVELAND TN	135.7	LIC	BLCDDT -20050808AGH
42	WFLI-TV	CLEVELAND TN	135.7	PLN	DTVPLN -DTVP1515
45	WPXH	GADSDEN AL	98.0	LIC	BLCDDT -20020510AAL
45	WPXH	GADSDEN AL	98.0	PLN	DTVPLN -DTVP1599
46	WHNT-DR	HUNTSVILLE AL	12.1	APP	BPRM -20080619ALW
46	WHNT-TV	HUNTSVILLE AL	12.1	PLN	DTVPLN -DTVP1634
46	WHNT	HUNTSVILLE AL	12.1	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 2

Analysis of current record

Channel	Call	City/State	Application Ref. No.
38	W38BQ	HUNTSVILLE AL	BLTTL -19971105IJ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
30	WIAT	BIRMINGHAM AL	142.2	LIC	BLCDDT -20021219AAV
30	WIAT	BIRMINGHAM AL	142.2	PLN	DTVPLN -DTVP1093
36	WABM	BIRMINGHAM AL	142.2	LIC	BLCDDT -20060406AAJ
36	WABM	BIRMINGHAM AL	142.2	PLN	DTVPLN -DTVP1309
38	W27CL	ACTON TN	170.5	LIC	BLTTL -20001130AAC
38	WEMT	GREENEVILLE TN	384.2	LIC	BLCDDT -20050606AHR
38	WEMT	GREENEVILLE TN	384.2	PLN	DTVPLN -DTVP1377
38	WHTN	MURFREESBORO TN	148.8	LIC	BLCDDT -20060627AAY
38	WHTN	MURFREESBORO TN	148.8	PLN	DTVPLN -DTVP1378
39	W54BU	HUNTSVILLE AL	0.0	APP	BPTTL -20020819ABS
40	WDSI-TV	CHATTANOOGA TN	135.7	LIC	BLCDDT -20051011ABS
40	WDSI-TV	CHATTANOOGA TN	135.7	PLN	DTVPLN -DTVP1448
41	WZDX	HUNTSVILLE AL	12.0	CP	BPCDDT -20080619AJV
41	WZDX	HUNTSVILLE AL	12.0	PLN	DTVPLN -DTVP1457
42	WFLI-TV	CLEVELAND TN	135.7	LIC	BLCDDT -20050808AGH
42	WFLI-TV	CLEVELAND TN	135.7	PLN	DTVPLN -DTVP1515
45	WPXH	GADSDEN AL	98.0	LIC	BLCDDT -20020510AAL
45	WPXH	GADSDEN AL	98.0	PLN	DTVPLN -DTVP1599
46	WHNT-DR	HUNTSVILLE AL	12.1	APP	BPRM -20080619ALW
46	WHNT-TV	HUNTSVILLE AL	12.1	PLN	DTVPLN -DTVP1634
46	WHNT	HUNTSVILLE AL	12.1	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 3

Analysis of current record

Channel	Call	City/State	Application Ref. No.
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Figure 3

38 WBMG-LP MOODY AL BLTTL -19970804JG

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
30	WIAT	BIRMINGHAM AL	31.9	LIC	BLCDDT	-20021219AAV
30	WIAT	BIRMINGHAM AL	31.9	PLN	DTVPLN	-DTVP1093
36	WABM	BIRMINGHAM AL	31.9	LIC	BLCDDT	-20060406AAJ
36	WABM	BIRMINGHAM AL	31.9	PLN	DTVPLN	-DTVP1309
38	W38BQ	HUNTSVILLE AL	133.8	APP	BSTA	-20060929ABO
38	W63CK	SYLACAUGA AL	37.4	APP	BDISTTL	-20081119ANP
38	WFSG	PANAMA CITY FL	359.1	CP	BPEDT	-20080620AFH
38	WFSG	PANAMA CITY FL	359.1	PLN	DTVPLN	-DTVP1357
38	WFSG	PANAMA CITY FL	359.1	LIC	BLEDT	-20030303AAP
38	W38CU	ATLANTA GA	213.8	CP	BPTTA	-20030624ABT
38	W38CU	ATLANTA GA	213.8	LIC	BLTTA	-20030701BJB
38	WHTN	MURFREESBORO TN	280.0	LIC	BLCDDT	-20060627AAY
38	WHTN	MURFREESBORO TN	280.0	PLN	DTVPLN	-DTVP1378
39	960724KV	TUSCALOOSA AL	86.2	APP	BPET	-19960724KV
41	WZDX	HUNTSVILLE AL	130.5	CP	BPCDDT	-20080619AJV
41	WZDX	HUNTSVILLE AL	130.5	PLN	DTVPLN	-DTVP1457
45	WPXH	GADSDEN AL	36.3	LIC	BLCDDT	-20020510AAL
45	WPXH	GADSDEN AL	36.3	PLN	DTVPLN	-DTVP1599
46	WHNT-DR	HUNTSVILLE AL	130.7	APP	BPRM	-20080619ALW
46	WHNT-TV	HUNTSVILLE AL	130.7	PLN	DTVPLN	-DTVP1634
46	WMCN-TV	MONTGOMERY AL	131.6	CP	BPCDDT	-20080616ADZ
46	WMCN-TV	MONTGOMERY AL	131.6	PLN	DTVPLN	-DTVP1635
46	WMCN-TV	MONTGOMERY AL	131.6	LIC	BLCDDT	-20060620ABX
46	WHNT	HUNTSVILLE AL	130.7	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 4

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
39	WYHB-CA	CHATTANOOGA TN	BLTTL	-19980824JC

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
32	WAAY-TV	HUNTSVILLE AL	125.4	LIC	BLCDDT	-20050701ABO
32	WAAY-TV	HUNTSVILLE AL	125.4	PLN	DTVPLN	-DTVP1163
39	W54BU	HUNTSVILLE AL	135.3	APP	BPTTL	-20020819ABS
39	960724KV	TUSCALOOSA AL	273.2	APP	BPET	-19960724KV
39	WSB-TV	ATLANTA GA	181.2	APP	BPCDDT	-20080619ACR
39	WSB-TV	ATLANTA GA	181.2	PLN	DTVPLN	-DTVP1394
39	WSB-TV	ATLANTA GA	181.2	LIC	BLCDDT	-20041020ADC
39	NEW	NEW ALBANY IN	328.6	ADD	BPRM	-20000717ADC
39	WLEX-TV	LEXINGTON KY	324.0	CP MOD	BMPCDDT	-20050728AOP
39	WLEX-TV	LEXINGTON KY	324.0	PLN	DTVPLN	-DTVP1402
39	WMYT-TV	ROCK HILL SC	374.7	CP MOD	BMPCDDT	-20080319ADB
39	WMYT-TV	ROCK HILL SC	374.7	PLN	DTVPLN	-DTVP1411
39	WEMT	GREENEVILLE TN	248.9	LIC	BLCT	-20050411ABB
39	WJKT	JACKSON TN	351.9	LIC	BLCDDT	-20050323AER
39	WJKT	JACKSON TN	351.9	PLN	DTVPLN	-DTVP1413
40	WDSI-TV	CHATTANOOGA TN	0.4	LIC	BLCDDT	-20051011ABS
40	WDSI-TV	CHATTANOOGA TN	0.4	PLN	DTVPLN	-DTVP1448
41	WZDX	HUNTSVILLE AL	125.4	CP	BPCDDT	-20080619AJV
41	WZDX	HUNTSVILLE AL	125.4	PLN	DTVPLN	-DTVP1457
42	WFLI-TV	CLEVELAND TN	0.4	LIC	BLCDDT	-20050808AGH
42	WFLI-TV	CLEVELAND TN	0.4	PLN	DTVPLN	-DTVP1515
46	WHNT-DR	HUNTSVILLE AL	125.3	APP	BPRM	-20080619ALW
46	WHNT-TV	HUNTSVILLE AL	125.3	PLN	DTVPLN	-DTVP1634
54	WZDX	HUNTSVILLE AL	125.4	CP MOD	BMPCCT	-20020708AAV
54	WPXK	JELICO TN	145.3	LIC	BLCT	-20000303AAQ
46	WHNT	HUNTSVILLE AL	125.3	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 5

Figure 3

Analysis of current record
Channel Call City/State Application Ref. No.
43 WMJN-LP DECATUR AL BLTTA -20020711AAH

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
36	WABM	BIRMINGHAM AL	126.1	LIC	BLCDT -20060406AAJ
36	WABM	BIRMINGHAM AL	126.1	PLN	DTVPLN -DTVP1309
41	WZDX	HUNTSVILLE AL	54.5	CP	BPCDT -20080619AJV
41	WZDX	HUNTSVILLE AL	54.5	PLN	DTVPLN -DTVP1457
42	WIAT	BIRMINGHAM AL	126.2	LIC	BLCT -19961001UP
43	WUPA	ATLANTA GA	269.2	LIC	BLCDT -20020702AAJ
43	WUPA	ATLANTA GA	269.2	PLN	DTVPLN -DTVP1531
43	WKZT-TV	ELIZABETHTOWN KY	361.6	LIC	BLEDT -20011221ABK
43	WKZT-TV	ELIZABETHTOWN KY	361.6	PLN	DTVPLN -DTVP1536
43	WMAA	COLUMBUS MS	168.6	CP MOD	BMPEDT -20020611ABI
43	WMAA	COLUMBUS MS	168.6	PLN	DTVPLN -DTVP1543
43	WMAA	COLUMBUS MS	168.6	APP	BPET -20020815ABG
43	W43BH	ACTON TN	134.3	LIC	BLTTL -20001130AAD
43	WBBJ-TV	JACKSON TN	185.5	CP	BPCDT -20080226ABH
43	WBBJ-TV	JACKSON TN	185.4	PLN	DTVPLN -DTVP1554
43	WTNZ	KNOXVILLE TN	326.8	LIC	BMLCT -20040706ABH
44	WPXH	GADSDEN AL	97.2	LIC	BLCT -19980527KE
45	WPXH	GADSDEN AL	97.2	LIC	BLCDT -20020510AAL
45	WPXH	GADSDEN AL	97.2	PLN	DTVPLN -DTVP1599
46	WHNT-DR	HUNTSVILLE AL	54.6	APP	BPRM -20080619ALW
46	WHNT-TV	HUNTSVILLE AL	54.6	PLN	DTVPLN -DTVP1634
50	WBRC	BIRMINGHAM AL	125.8	LIC	BLCDT -20050825ADM
50	WBRC	BIRMINGHAM AL	125.8	PLN	DTVPLN -DTVP1760
50	WBRC	BIRMINGHAM AL	125.8	CP	BPCDT -20080314ACG
46	WHNT	HUNTSVILLE AL	54.6	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 6

Analysis of current record
Channel Call City/State Application Ref. No.
43 WMJN-LP SOMERVILLE AL BSTA -20060201ACN

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
36	WABM	BIRMINGHAM AL	126.1	LIC	BLCDT -20060406AAJ
36	WABM	BIRMINGHAM AL	126.1	PLN	DTVPLN -DTVP1309
41	WZDX	HUNTSVILLE AL	54.5	CP	BPCDT -20080619AJV
41	WZDX	HUNTSVILLE AL	54.5	PLN	DTVPLN -DTVP1457
42	WIAT	BIRMINGHAM AL	126.2	LIC	BLCT -19961001UP
43	WUPA	ATLANTA GA	269.2	LIC	BLCDT -20020702AAJ
43	WUPA	ATLANTA GA	269.2	PLN	DTVPLN -DTVP1531
43	WKZT-TV	ELIZABETHTOWN KY	361.6	LIC	BLEDT -20011221ABK
43	WKZT-TV	ELIZABETHTOWN KY	361.6	PLN	DTVPLN -DTVP1536
43	WMAA	COLUMBUS MS	168.6	CP MOD	BMPEDT -20020611ABI
43	WMAA	COLUMBUS MS	168.6	PLN	DTVPLN -DTVP1543
43	WMAA	COLUMBUS MS	168.6	APP	BPET -20020815ABG
43	W43BH	ACTON TN	134.3	LIC	BLTTL -20001130AAD
43	WBBJ-TV	JACKSON TN	185.5	CP	BPCDT -20080226ABH
43	WBBJ-TV	JACKSON TN	185.4	PLN	DTVPLN -DTVP1554
43	WTNZ	KNOXVILLE TN	326.8	LIC	BMLCT -20040706ABH
44	WPXH	GADSDEN AL	97.2	LIC	BLCT -19980527KE
45	WPXH	GADSDEN AL	97.2	LIC	BLCDT -20020510AAL
45	WPXH	GADSDEN AL	97.2	PLN	DTVPLN -DTVP1599
46	WHNT-DR	HUNTSVILLE AL	54.6	APP	BPRM -20080619ALW
46	WHNT-TV	HUNTSVILLE AL	54.6	PLN	DTVPLN -DTVP1634
50	WBRC	BIRMINGHAM AL	125.8	LIC	BLCDT -20050825ADM
50	WBRC	BIRMINGHAM AL	125.8	PLN	DTVPLN -DTVP1760
50	WBRC	BIRMINGHAM AL	125.8	CP	BPCDT -20080314ACG
46	WHNT	HUNTSVILLE AL	54.6	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

Figure 3

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Analysis of Interference to Affected Station 7

Analysis of current record

Channel	Call	City/State	Application Ref. No.
43	WDGA-CA	DALTON GA	BLTTL -19910211IF

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
36	WATL	ATLANTA GA	121.5	LIC	BLCT -20020816AAH
39	WSB-TV	ATLANTA GA	124.9	APP	BPCDT -20080619ACR
39	WSB-TV	ATLANTA GA	124.9	PLN	DTVPLN -DTVP1394
39	WSB-TV	ATLANTA GA	124.9	LIC	BLCDDT -20041020ADC
40	WDSI-TV	CHATTANOOGA TN	56.5	LIC	BLCDDT -20051011ABS
40	WDSI-TV	CHATTANOOGA TN	56.5	PLN	DTVPLN -DTVP1448
41	WZDX	HUNTSVILLE AL	143.3	CP	BPCDT -20080619AJV
41	WZDX	HUNTSVILLE AL	143.3	PLN	DTVPLN -DTVP1457
41	WATC	ATLANTA GA	91.2	APP	BPEDT -20080619AIR
41	WATC	ATLANTA GA	91.2	PLN	DTVPLN -DTVP1463
41	WATC	ATLANTA GA	91.2	LIC	BLEDT -20070912AAT
42	WFLI-TV	CLEVELAND TN	56.5	LIC	BLCDDT -20050808AGH
42	WFLI-TV	CLEVELAND TN	56.5	PLN	DTVPLN -DTVP1515
43	WMJN-LP	DECATUR AL	196.5	LIC	BLTTA -20020711AAH
43	WUPA	ATLANTA GA	126.9	LIC	BLCDDT -20020702AAJ
43	WUPA	ATLANTA GA	126.9	PLN	DTVPLN -DTVP1531
43	WKZT-TV	ELIZABETHTOWN KY	333.0	LIC	BLEDT -20011221ABK
43	WKZT-TV	ELIZABETHTOWN KY	333.0	PLN	DTVPLN -DTVP1536
43	WMAA	COLUMBUS MS	357.9	CP MOD	BMPEDT -20020611ABI
43	WMAA	COLUMBUS MS	357.9	PLN	DTVPLN -DTVP1543
43	WMAA	COLUMBUS MS	357.9	APP	BPET -20020815ABG
43	WRET-TV	SPARTANBURG SC	287.0	CP	BPEDT -20080620ACI
43	WRET-TV	SPARTANBURG SC	287.0	PLN	DTVPLN -DTVP1553
43	WRET-TV	SPARTANBURG SC	287.0	LIC	BLEDT -20050324ACD
43	WBBJ-TV	JACKSON TN	352.0	CP	BPCDDT -20080226ABH
43	WBBJ-TV	JACKSON TN	352.0	PLN	DTVPLN -DTVP1554
43	WTNZ	KNOXVILLE TN	165.3	LIC	BMLCT -20040706ABH
44	WHSB-TV	MONROE GA	126.9	APP	BPCT -20020220ABL
44	WHSB-TV	MONROE GA	126.9	PLN	DTVPLN -DTVP1569
44	WHSB-TV	MONROE GA	126.9	APP	BPCDDT -20080617ADV
44	WHSB-TV	MONROE GA	126.9	LIC	BLCDDT -20040319AIE
46	WHNT-DR	HUNTSVILLE AL	143.2	APP	BPRM -20080619ALW
46	WHNT-TV	HUNTSVILLE AL	143.2	PLN	DTVPLN -DTVP1634
51	WPXA	ROME GA	58.5	LIC	BLCDDT -20020510AAN
51	WPXA	ROME GA	58.5	PLN	DTVPLN -DTVP1794
46	WHNT	HUNTSVILLE AL	143.2	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 8

Analysis of current record

Channel	Call	City/State	Application Ref. No.
45	WPXH	GADSDEN AL	BLCDDT -20020510AAL

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
44	WHSB-TV	MONROE GA	195.5	PLN	DTVPLN -DTVP1569
44	WHSB-TV	MONROE GA	195.5	APP	BPCDDT -20080617ADV
44	WHSB-TV	MONROE GA	195.5	LIC	BLCDDT -20040319AIE
45	WJTC	PENSACOLA FL	381.0	LIC	BLCDDT -20021025ABG
45	WJTC	PENSACOLA FL	381.0	PLN	DTVPLN -DTVP1606
45	WGNM	MACON GA	298.0	LIC	BLCDDT -20050621CRQ
45	WGNM	MACON GA	298.0	PLN	DTVPLN -DTVP1607
45	WKDH	HOUSTON MS	241.9	CP	BPCDDT -20060519ABE
45	WKDH	HOUSTON MS	241.8	PLN	DTVPLN -DTVP1619
45	WYCW	ASHEVILLE NC	388.2	CP	BPCDDT -19991101AGU
45	WYCW	ASHEVILLE NC	388.2	PLN	DTVPLN -DTVP1621
46	WHNT-DR	HUNTSVILLE AL	94.4	APP	BPRM -20080619ALW
46	WHNT-TV	HUNTSVILLE AL	94.4	PLN	DTVPLN -DTVP1634
46	WMCB-TV	MONTGOMERY AL	167.3	CP	BPCDDT -20080616ADZ

Figure 3

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46  WCMF-TV  MONTGOMERY AL      167.3  PLN   DTVPLN   -DTVP1635
46  WCMF-TV  MONTGOMERY AL      167.3  LIC   BLCDDT   -20060620ABX
46  WHNT     HUNTSVILLE AL     94.4   APP   USERRECORD-01

Total scenarios =    12

Result key:          1
Scenario            1  Affected station      8
Before Analysis

Results for: 45A AL GADSDEN          BLCDDT    20020510AAL  LIC
HAAT  309.0 m, ATV ERP  225.0 kW
      POPULATION  AREA (sq km)
within Noise Limited Contour      1400197      18724.5
not affected by terrain losses    1358801      17729.2
lost to NTSC IX                   0           0.0
lost to additional IX by ATV      16039       353.1
lost to ATV IX only               16039       353.1
lost to all IX                   16039       353.1

Potential Interfering Stations Included in above Scenario    1

45A GA MACON          BLCDDT    20050621CRQ  LIC
45A MS HOUSTON        BPCDDT    20060519ABE  CP
46A AL HUNTSVILLE   DTVPLN    DTVP1634    PLN

After Analysis

Results for: 45A AL GADSDEN          BLCDDT    20020510AAL  LIC
HAAT  309.0 m, ATV ERP  225.0 kW
      POPULATION  AREA (sq km)
within Noise Limited Contour      1400197      18724.5
not affected by terrain losses    1358801      17729.2
lost to NTSC IX                   0           0.0
lost to additional IX by ATV      16394       369.2
lost to ATV IX only               16394       369.2
lost to all IX                   16394       369.2

Potential Interfering Stations Included in above Scenario    1

45A GA MACON          BLCDDT    20050621CRQ  LIC
45A MS HOUSTON        BPCDDT    20060519ABE  CP
46A AL HUNTSVILLE   USERRECORD01  APP

Percent new IX =      0.0264%

Result key:          2
Scenario            2  Affected station      8
Before Analysis

Results for: 45A AL GADSDEN          BLCDDT    20020510AAL  LIC
HAAT  309.0 m, ATV ERP  225.0 kW
      POPULATION  AREA (sq km)
within Noise Limited Contour      1400197      18724.5
not affected by terrain losses    1358801      17729.2
lost to NTSC IX                   0           0.0
lost to additional IX by ATV      16039       353.1
lost to ATV IX only               16039       353.1
lost to all IX                   16039       353.1

Potential Interfering Stations Included in above Scenario    2

45A GA MACON          BLCDDT    20050621CRQ  LIC
45A MS HOUSTON        DTVPLN    DTVP1619    PLN
46A AL HUNTSVILLE   DTVPLN    DTVP1634    PLN

After Analysis

Results for: 45A AL GADSDEN          BLCDDT    20020510AAL  LIC
HAAT  309.0 m, ATV ERP  225.0 kW
      POPULATION  AREA (sq km)
within Noise Limited Contour      1400197      18724.5
not affected by terrain losses    1358801      17729.2
lost to NTSC IX                   0           0.0
lost to additional IX by ATV      16394       369.2
lost to ATV IX only               16394       369.2
lost to all IX                   16394       369.2

Potential Interfering Stations Included in above Scenario    2

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Figure 3

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45A GA MACON          BLCDT      20050621CRQ  LIC
45A MS HOUSTON        DTVPLN      DTVP1619    PLN
46A AL HUNTSVILLE   USERRECORD01  APP

Percent new IX =      0.0264%

Result key:           3
Scenario              3  Affected station      8
Before Analysis

Results for: 45A AL GADSDEN          BLCDT      20020510AAL  LIC
HAAT  309.0 m, ATV ERP  225.0 kW
      POPULATION  AREA (sq km)
within Noise Limited Contour  1400197  18724.5
not affected by terrain losses 1358801  17729.2
lost to NTSC IX              0         0.0
lost to additional IX by ATV  16039    353.1
lost to ATV IX only          16039    353.1
lost to all IX               16039    353.1

Potential Interfering Stations Included in above Scenario      3

45A GA MACON          DTVPLN      DTVP1607    PLN
45A MS HOUSTON        BPCDT      20060519ABE  CP
46A AL HUNTSVILLE   DTVPLN      DTVP1634    PLN

After Analysis

Results for: 45A AL GADSDEN          BLCDT      20020510AAL  LIC
HAAT  309.0 m, ATV ERP  225.0 kW
      POPULATION  AREA (sq km)
within Noise Limited Contour  1400197  18724.5
not affected by terrain losses 1358801  17729.2
lost to NTSC IX              0         0.0
lost to additional IX by ATV  16394    369.2
lost to ATV IX only          16394    369.2
lost to all IX               16394    369.2

Potential Interfering Stations Included in above Scenario      3

45A GA MACON          DTVPLN      DTVP1607    PLN
45A MS HOUSTON        BPCDT      20060519ABE  CP
46A AL HUNTSVILLE   USERRECORD01  APP

Percent new IX =      0.0264%

Result key:           4
Scenario              4  Affected station      8
Before Analysis

Results for: 45A AL GADSDEN          BLCDT      20020510AAL  LIC
HAAT  309.0 m, ATV ERP  225.0 kW
      POPULATION  AREA (sq km)
within Noise Limited Contour  1400197  18724.5
not affected by terrain losses 1358801  17729.2
lost to NTSC IX              0         0.0
lost to additional IX by ATV  16039    353.1
lost to ATV IX only          16039    353.1
lost to all IX               16039    353.1

Potential Interfering Stations Included in above Scenario      4

45A GA MACON          DTVPLN      DTVP1607    PLN
45A MS HOUSTON        DTVPLN      DTVP1619    PLN
46A AL HUNTSVILLE   DTVPLN      DTVP1634    PLN

After Analysis

Results for: 45A AL GADSDEN          BLCDT      20020510AAL  LIC
HAAT  309.0 m, ATV ERP  225.0 kW
      POPULATION  AREA (sq km)
within Noise Limited Contour  1400197  18724.5
not affected by terrain losses 1358801  17729.2
lost to NTSC IX              0         0.0
lost to additional IX by ATV  16394    369.2
lost to ATV IX only          16394    369.2
lost to all IX               16394    369.2

Potential Interfering Stations Included in above Scenario      4

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Figure 3

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45A GA MACON          DTVPLN    DTVP1607    PLN
45A MS HOUSTON        DTVPLN    DTVP1619    PLN
46A AL HUNTSVILLE   USERRECORD01    APP

Percent new IX =      0.0264%

Result key:           5
Scenario              5 Affected station      8
Before Analysis

Results for: 45A AL GADSDEN          BLCDT      20020510AAL  LIC
HAAT  309.0 m, ATV ERP  225.0 kW
      POPULATION  AREA (sq km)
within Noise Limited Contour      1400197      18724.5
not affected by terrain losses    1358801      17729.2
lost to NTSC IX                   0           0.0
lost to additional IX by ATV      16148       361.2
lost to ATV IX only               16148       361.2
lost to all IX                   16148       361.2

Potential Interfering Stations Included in above Scenario      5

45A GA MACON          BLCDT      20050621CRQ  LIC
45A MS HOUSTON        BPCDT      20060519ABE  CP
46A AL HUNTSVILLE   BPRM       20080619ALW  APP
46A AL HUNTSVILLE   DTVPLN    DTVP1634    PLN

After Analysis

Results for: 45A AL GADSDEN          BLCDT      20020510AAL  LIC
HAAT  309.0 m, ATV ERP  225.0 kW
      POPULATION  AREA (sq km)
within Noise Limited Contour      1400197      18724.5
not affected by terrain losses    1358801      17729.2
lost to NTSC IX                   0           0.0
lost to additional IX by ATV      16394       369.2
lost to ATV IX only               16394       369.2
lost to all IX                   16394       369.2

Potential Interfering Stations Included in above Scenario      5

45A GA MACON          BLCDT      20050621CRQ  LIC
45A MS HOUSTON        BPCDT      20060519ABE  CP
46A AL HUNTSVILLE   BPRM       20080619ALW  APP
46A AL HUNTSVILLE   USERRECORD01    APP

Percent new IX =      0.0183%

Result key:           6
Scenario              6 Affected station      8
Before Analysis

Results for: 45A AL GADSDEN          BLCDT      20020510AAL  LIC
HAAT  309.0 m, ATV ERP  225.0 kW
      POPULATION  AREA (sq km)
within Noise Limited Contour      1400197      18724.5
not affected by terrain losses    1358801      17729.2
lost to NTSC IX                   0           0.0
lost to additional IX by ATV      16039       353.1
lost to ATV IX only               16039       353.1
lost to all IX                   16039       353.1

Potential Interfering Stations Included in above Scenario      6

45A GA MACON          BLCDT      20050621CRQ  LIC
45A MS HOUSTON        BPCDT      20060519ABE  CP
46A AL HUNTSVILLE   DTVPLN    DTVP1634    PLN

After Analysis

Results for: 45A AL GADSDEN          BLCDT      20020510AAL  LIC
HAAT  309.0 m, ATV ERP  225.0 kW
      POPULATION  AREA (sq km)
within Noise Limited Contour      1400197      18724.5
not affected by terrain losses    1358801      17729.2
lost to NTSC IX                   0           0.0
lost to additional IX by ATV      16394       369.2
lost to ATV IX only               16394       369.2
lost to all IX                   16394       369.2

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Figure 3

Potential Interfering Stations Included in above Scenario 6

45A GA MACON	BLCDT	20050621CRQ	LIC
45A MS HOUSTON	BPCDT	20060519ABE	CP
46A AL HUNTSVILLE	USERRECORD01		APP

Percent new IX = 0.0264%

Result key: 7
Scenario 7 Affected station 8
Before Analysis

Results for: 45A AL GADSDEN BLCDT 20020510AAL LIC
HAAT 309.0 m, ATV ERP 225.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1400197	18724.5
not affected by terrain losses	1358801	17729.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	16148	361.2
lost to ATV IX only	16148	361.2
lost to all IX	16148	361.2

Potential Interfering Stations Included in above Scenario 7

45A GA MACON	BLCDT	20050621CRQ	LIC
45A MS HOUSTON	DTVPLN	DTVP1619	PLN
46A AL HUNTSVILLE	BPRM	20080619ALW	APP
46A AL HUNTSVILLE	DTVPLN	DTVP1634	PLN

After Analysis

Results for: 45A AL GADSDEN BLCDT 20020510AAL LIC
HAAT 309.0 m, ATV ERP 225.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1400197	18724.5
not affected by terrain losses	1358801	17729.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	16394	369.2
lost to ATV IX only	16394	369.2
lost to all IX	16394	369.2

Potential Interfering Stations Included in above Scenario 7

45A GA MACON	BLCDT	20050621CRQ	LIC
45A MS HOUSTON	DTVPLN	DTVP1619	PLN
46A AL HUNTSVILLE	BPRM	20080619ALW	APP
46A AL HUNTSVILLE	USERRECORD01		APP

Percent new IX = 0.0183%

Result key: 8
Scenario 8 Affected station 8
Before Analysis

Results for: 45A AL GADSDEN BLCDT 20020510AAL LIC
HAAT 309.0 m, ATV ERP 225.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1400197	18724.5
not affected by terrain losses	1358801	17729.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	16039	353.1
lost to ATV IX only	16039	353.1
lost to all IX	16039	353.1

Potential Interfering Stations Included in above Scenario 8

45A GA MACON	BLCDT	20050621CRQ	LIC
45A MS HOUSTON	DTVPLN	DTVP1619	PLN
46A AL HUNTSVILLE	DTVPLN	DTVP1634	PLN

After Analysis

Results for: 45A AL GADSDEN BLCDT 20020510AAL LIC
HAAT 309.0 m, ATV ERP 225.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1400197	18724.5
not affected by terrain losses	1358801	17729.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	16394	369.2

Figure 3

lost to ATV IX only	16394	369.2
lost to all IX	16394	369.2

Potential Interfering Stations Included in above Scenario 8

45A GA MACON	BLCDT	20050621CRQ	LIC
45A MS HOUSTON	DTVPLN	DTVP1619	PLN
46A AL HUNTSVILLE	USERRECORD01		APP

Percent new IX = 0.0264%

Result key: 9

Scenario 9 Affected station 8

Before Analysis

Results for: 45A AL GADSDEN BLCDT 20020510AAL LIC

HAAT 309.0 m, ATV ERP 225.0 kW		
	POPULATION	AREA (sq km)
within Noise Limited Contour	1400197	18724.5
not affected by terrain losses	1358801	17729.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	16148	361.2
lost to ATV IX only	16148	361.2
lost to all IX	16148	361.2

Potential Interfering Stations Included in above Scenario 9

45A GA MACON	DTVPLN	DTVP1607	PLN
45A MS HOUSTON	BPCDT	20060519ABE	CP
46A AL HUNTSVILLE	BPRM	20080619ALW	APP
46A AL HUNTSVILLE	DTVPLN	DTVP1634	PLN

After Analysis

Results for: 45A AL GADSDEN BLCDT 20020510AAL LIC

HAAT 309.0 m, ATV ERP 225.0 kW		
	POPULATION	AREA (sq km)
within Noise Limited Contour	1400197	18724.5
not affected by terrain losses	1358801	17729.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	16394	369.2
lost to ATV IX only	16394	369.2
lost to all IX	16394	369.2

Potential Interfering Stations Included in above Scenario 9

45A GA MACON	DTVPLN	DTVP1607	PLN
45A MS HOUSTON	BPCDT	20060519ABE	CP
46A AL HUNTSVILLE	BPRM	20080619ALW	APP
46A AL HUNTSVILLE	USERRECORD01		APP

Percent new IX = 0.0183%

Result key: 10

Scenario 10 Affected station 8

Before Analysis

Results for: 45A AL GADSDEN BLCDT 20020510AAL LIC

HAAT 309.0 m, ATV ERP 225.0 kW		
	POPULATION	AREA (sq km)
within Noise Limited Contour	1400197	18724.5
not affected by terrain losses	1358801	17729.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	16039	353.1
lost to ATV IX only	16039	353.1
lost to all IX	16039	353.1

Potential Interfering Stations Included in above Scenario 10

45A GA MACON	DTVPLN	DTVP1607	PLN
45A MS HOUSTON	BPCDT	20060519ABE	CP
46A AL HUNTSVILLE	DTVPLN	DTVP1634	PLN

After Analysis

Results for: 45A AL GADSDEN BLCDT 20020510AAL LIC

HAAT 309.0 m, ATV ERP 225.0 kW		
	POPULATION	AREA (sq km)
within Noise Limited Contour	1400197	18724.5
not affected by terrain losses	1358801	17729.2

Figure 3

lost to NTSC IX	0	0.0
lost to additional IX by ATV	16394	369.2
lost to ATV IX only	16394	369.2
lost to all IX	16394	369.2

Potential Interfering Stations Included in above Scenario 10

45A GA MACON	DTVPLN	DTVP1607	PLN
45A MS HOUSTON	BPCDT	20060519ABE	CP
46A AL HUNTSVILLE	USERRECORD01		APP

Percent new IX = 0.0264%

Result key: 11

Scenario 11 Affected station 8

Before Analysis

Results for: 45A AL GADSDEN BLC DT 20020510AAL LIC

HAAT 309.0 m, ATV ERP 225.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1400197	18724.5
not affected by terrain losses	1358801	17729.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	16148	361.2
lost to ATV IX only	16148	361.2
lost to all IX	16148	361.2

Potential Interfering Stations Included in above Scenario 11

45A GA MACON	DTVPLN	DTVP1607	PLN
45A MS HOUSTON	DTVPLN	DTVP1619	PLN
46A AL HUNTSVILLE	BPRM	20080619ALW	APP
46A AL HUNTSVILLE	DTVPLN	DTVP1634	PLN

After Analysis

Results for: 45A AL GADSDEN BLC DT 20020510AAL LIC

HAAT 309.0 m, ATV ERP 225.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1400197	18724.5
not affected by terrain losses	1358801	17729.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	16394	369.2
lost to ATV IX only	16394	369.2
lost to all IX	16394	369.2

Potential Interfering Stations Included in above Scenario 11

45A GA MACON	DTVPLN	DTVP1607	PLN
45A MS HOUSTON	DTVPLN	DTVP1619	PLN
46A AL HUNTSVILLE	BPRM	20080619ALW	APP
46A AL HUNTSVILLE	USERRECORD01		APP

Percent new IX = 0.0183%

Result key: 12

Scenario 12 Affected station 8

Before Analysis

Results for: 45A AL GADSDEN BLC DT 20020510AAL LIC

HAAT 309.0 m, ATV ERP 225.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1400197	18724.5
not affected by terrain losses	1358801	17729.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	16039	353.1
lost to ATV IX only	16039	353.1
lost to all IX	16039	353.1

Potential Interfering Stations Included in above Scenario 12

45A GA MACON	DTVPLN	DTVP1607	PLN
45A MS HOUSTON	DTVPLN	DTVP1619	PLN
46A AL HUNTSVILLE	DTVPLN	DTVP1634	PLN

After Analysis

Results for: 45A AL GADSDEN BLC DT 20020510AAL LIC

HAAT 309.0 m, ATV ERP 225.0 kW

	POPULATION	AREA (sq km)
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Figure 3

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within Noise Limited Contour      1400197      18724.5
not affected by terrain losses    1358801      17729.2
lost to NTSC IX                   0          0.0
lost to additional IX by ATV      16394      369.2
lost to ATV IX only               16394      369.2
lost to all IX                   16394      369.2

Potential Interfering Stations Included in above Scenario      12

45A GA MACON                     DTVPLN      DTVP1607      PLN
45A MS HOUSTON                   DTVPLN      DTVP1619      PLN
46A AL HUNTSVILLE              USERRECORD01      APP

Percent new IX =      0.0264%

Worst case new IX      0.0264% Scenario      1

#####

Analysis of Interference to Affected Station      9

Analysis of current record
Channel      Call      City/State      Application Ref. No.
45      WPXH      GADSDEN AL      DTVPLN      -DTVP1599

Stations Potentially Affecting This Station

Chan      Call      City/State      Dist(km)      Status      Application Ref. No.
44      WHSG-TV      MONROE GA      195.5      PLN      DTVPLN      -DTVP1569
44      WHSG-TV      MONROE GA      195.5      APP      BPCDT      -20080617ADV
44      WHSG-TV      MONROE GA      195.5      LIC      BLCDT      -20040319AIE
45      WJTC      PENSACOLA FL      381.0      LIC      BLCDT      -20021025ABG
45      WJTC      PENSACOLA FL      381.0      PLN      DTVPLN      -DTVP1606
45      WGNM      MACON GA      298.0      LIC      BLCDT      -20050621CRQ
45      WGNM      MACON GA      298.0      PLN      DTVPLN      -DTVP1607
45      WKDH      HOUSTON MS      241.9      CP      BPCDT      -20060519ABE
45      WKDH      HOUSTON MS      241.8      PLN      DTVPLN      -DTVP1619
45      WYCW      ASHEVILLE NC      388.2      CP      BPCDT      -19991101AGU
45      WYCW      ASHEVILLE NC      388.2      PLN      DTVPLN      -DTVP1621
46      WHNT-DR      HUNTSVILLE AL      94.4      APP      BPRM      -20080619ALW
46      WHNT-TV      HUNTSVILLE AL      94.4      PLN      DTVPLN      -DTVP1634
46      WMCF-TV      MONTGOMERY AL      167.3      CP      BPCDT      -20080616ADZ
46      WMCF-TV      MONTGOMERY AL      167.3      PLN      DTVPLN      -DTVP1635
46      WMCF-TV      MONTGOMERY AL      167.3      LIC      BLCDT      -20060620ABX
46      WHNT      HUNTSVILLE AL      94.4      APP      USERRECORD-01

Total scenarios =      12

Result key:      13
Scenario      1      Affected station      9
Before Analysis

Results for: 45A AL GADSDEN      DTVPLN      DTVP1599      PLN
HAAT 309.0 m, ATV ERP 225.0 kW
POPULATION      AREA (sq km)
within Noise Limited Contour      1400197      18724.5
not affected by terrain losses    1358801      17729.2
lost to NTSC IX                   0          0.0
lost to additional IX by ATV      16039      353.1
lost to ATV IX only               16039      353.1
lost to all IX                   16039      353.1

Potential Interfering Stations Included in above Scenario      1

45A GA MACON                     BLCDT      20050621CRQ      LIC
45A MS HOUSTON                   BPCDT      20060519ABE      CP
46A AL HUNTSVILLE              DTVPLN      DTVP1634      PLN

After Analysis

Results for: 45A AL GADSDEN      DTVPLN      DTVP1599      PLN
HAAT 309.0 m, ATV ERP 225.0 kW
POPULATION      AREA (sq km)
within Noise Limited Contour      1400197      18724.5
not affected by terrain losses    1358801      17729.2
lost to NTSC IX                   0          0.0
lost to additional IX by ATV      16394      369.2

```

Figure 3

lost to ATV IX only	16394	369.2	
lost to all IX	16394	369.2	

Potential Interfering Stations Included in above Scenario 1

45A GA MACON	BLCDT	20050621CRQ	LIC
45A MS HOUSTON	BPCDT	20060519ABE	CP
46A AL HUNTSVILLE	USERRECORD01		APP

Percent new IX = 0.0264%

Result key: 14

Scenario 2 Affected station 9

Before Analysis

Results for: 45A AL GADSDEN DTVPLN DTVP1599 PLN

HAAT 309.0 m, ATV ERP 225.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1400197	18724.5
not affected by terrain losses	1358801	17729.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	16039	353.1
lost to ATV IX only	16039	353.1
lost to all IX	16039	353.1

Potential Interfering Stations Included in above Scenario 2

45A GA MACON	BLCDT	20050621CRQ	LIC
45A MS HOUSTON	DTVPLN	DTVP1619	PLN
46A AL HUNTSVILLE	DTVPLN	DTVP1634	PLN

After Analysis

Results for: 45A AL GADSDEN DTVPLN DTVP1599 PLN

HAAT 309.0 m, ATV ERP 225.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1400197	18724.5
not affected by terrain losses	1358801	17729.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	16394	369.2
lost to ATV IX only	16394	369.2
lost to all IX	16394	369.2

Potential Interfering Stations Included in above Scenario 2

45A GA MACON	BLCDT	20050621CRQ	LIC
45A MS HOUSTON	DTVPLN	DTVP1619	PLN
46A AL HUNTSVILLE	USERRECORD01		APP

Percent new IX = 0.0264%

Result key: 15

Scenario 3 Affected station 9

Before Analysis

Results for: 45A AL GADSDEN DTVPLN DTVP1599 PLN

HAAT 309.0 m, ATV ERP 225.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1400197	18724.5
not affected by terrain losses	1358801	17729.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	16039	353.1
lost to ATV IX only	16039	353.1
lost to all IX	16039	353.1

Potential Interfering Stations Included in above Scenario 3

45A GA MACON	DTVPLN	DTVP1607	PLN
45A MS HOUSTON	BPCDT	20060519ABE	CP
46A AL HUNTSVILLE	DTVPLN	DTVP1634	PLN

After Analysis

Results for: 45A AL GADSDEN DTVPLN DTVP1599 PLN

HAAT 309.0 m, ATV ERP 225.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1400197	18724.5
not affected by terrain losses	1358801	17729.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	16394	369.2

Figure 3

lost to ATV IX only	16394	369.2	
lost to all IX	16394	369.2	

Potential Interfering Stations Included in above Scenario 3

45A GA MACON	DTVPLN	DTVP1607	PLN
45A MS HOUSTON	BPCDT	20060519ABE	CP
46A AL HUNTSVILLE	USERRECORD01		APP

Percent new IX = 0.0264%

Result key: 16
Scenario 4 Affected station 9
Before Analysis

Results for: 45A AL GADSDEN DTVPLN DTVP1599 PLN
HAAT 309.0 m, ATV ERP 225.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1400197	18724.5
not affected by terrain losses	1358801	17729.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	16039	353.1
lost to ATV IX only	16039	353.1
lost to all IX	16039	353.1

Potential Interfering Stations Included in above Scenario 4

45A GA MACON	DTVPLN	DTVP1607	PLN
45A MS HOUSTON	DTVPLN	DTVP1619	PLN
46A AL HUNTSVILLE	DTVPLN	DTVP1634	PLN

After Analysis

Results for: 45A AL GADSDEN DTVPLN DTVP1599 PLN
HAAT 309.0 m, ATV ERP 225.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1400197	18724.5
not affected by terrain losses	1358801	17729.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	16394	369.2
lost to ATV IX only	16394	369.2
lost to all IX	16394	369.2

Potential Interfering Stations Included in above Scenario 4

45A GA MACON	DTVPLN	DTVP1607	PLN
45A MS HOUSTON	DTVPLN	DTVP1619	PLN
46A AL HUNTSVILLE	USERRECORD01		APP

Percent new IX = 0.0264%

Result key: 17
Scenario 5 Affected station 9
Before Analysis

Results for: 45A AL GADSDEN DTVPLN DTVP1599 PLN
HAAT 309.0 m, ATV ERP 225.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1400197	18724.5
not affected by terrain losses	1358801	17729.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	16148	361.2
lost to ATV IX only	16148	361.2
lost to all IX	16148	361.2

Potential Interfering Stations Included in above Scenario 5

45A GA MACON	BLCDT	20050621CRQ	LIC
45A MS HOUSTON	BPCDT	20060519ABE	CP
46A AL HUNTSVILLE	BPRM	20080619ALW	APP
46A AL HUNTSVILLE	DTVPLN	DTVP1634	PLN

After Analysis

Results for: 45A AL GADSDEN DTVPLN DTVP1599 PLN
HAAT 309.0 m, ATV ERP 225.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1400197	18724.5
not affected by terrain losses	1358801	17729.2
lost to NTSC IX	0	0.0

Figure 3

lost to additional IX by ATV	16394	369.2	
lost to ATV IX only	16394	369.2	
lost to all IX	16394	369.2	
Potential Interfering Stations Included in above Scenario			5
45A GA MACON	BLCDT	20050621CRQ	LIC
45A MS HOUSTON	BPCDT	20060519ABE	CP
46A AL HUNTSVILLE	BPRM	20080619ALW	APP
46A AL HUNTSVILLE	USERRECORD01		APP
Percent new IX = 0.0183%			
Result key: 18			
Scenario	6	Affected station	9
Before Analysis			
Results for: 45A AL GADSDEN DTVPLN DTVP1599 PLN			
HAAT 309.0 m, ATV ERP 225.0 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1400197	18724.5	
not affected by terrain losses	1358801	17729.2	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	16039	353.1	
lost to ATV IX only	16039	353.1	
lost to all IX	16039	353.1	
Potential Interfering Stations Included in above Scenario			6
45A GA MACON	BLCDT	20050621CRQ	LIC
45A MS HOUSTON	BPCDT	20060519ABE	CP
46A AL HUNTSVILLE	DTVPLN	DTVP1634	PLN
After Analysis			
Results for: 45A AL GADSDEN DTVPLN DTVP1599 PLN			
HAAT 309.0 m, ATV ERP 225.0 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1400197	18724.5	
not affected by terrain losses	1358801	17729.2	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	16394	369.2	
lost to ATV IX only	16394	369.2	
lost to all IX	16394	369.2	
Potential Interfering Stations Included in above Scenario			6
45A GA MACON	BLCDT	20050621CRQ	LIC
45A MS HOUSTON	BPCDT	20060519ABE	CP
46A AL HUNTSVILLE	USERRECORD01		APP
Percent new IX = 0.0264%			
Result key: 19			
Scenario	7	Affected station	9
Before Analysis			
Results for: 45A AL GADSDEN DTVPLN DTVP1599 PLN			
HAAT 309.0 m, ATV ERP 225.0 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1400197	18724.5	
not affected by terrain losses	1358801	17729.2	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	16148	361.2	
lost to ATV IX only	16148	361.2	
lost to all IX	16148	361.2	
Potential Interfering Stations Included in above Scenario			7
45A GA MACON	BLCDT	20050621CRQ	LIC
45A MS HOUSTON	DTVPLN	DTVP1619	PLN
46A AL HUNTSVILLE	BPRM	20080619ALW	APP
46A AL HUNTSVILLE	DTVPLN	DTVP1634	PLN
After Analysis			
Results for: 45A AL GADSDEN DTVPLN DTVP1599 PLN			
HAAT 309.0 m, ATV ERP 225.0 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1400197	18724.5	

Figure 3

not affected by terrain losses	1358801	17729.2	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	16394	369.2	
lost to ATV IX only	16394	369.2	
lost to all IX	16394	369.2	
Potential Interfering Stations Included in above Scenario			7
45A GA MACON	BLCDT	20050621CRQ	LIC
45A MS HOUSTON	DTVPLN	DTVP1619	PLN
46A AL HUNTSVILLE	BPRM	20080619ALW	APP
46A AL HUNTSVILLE	USERRECORD01		APP
Percent new IX = 0.0183%			
Result key: 20			
Scenario	8	Affected station	9
Before Analysis			
Results for: 45A AL GADSDEN DTVPLN DTVP1599 PLN			
HAAT 309.0 m, ATV ERP 225.0 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1400197	18724.5	
not affected by terrain losses	1358801	17729.2	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	16039	353.1	
lost to ATV IX only	16039	353.1	
lost to all IX	16039	353.1	
Potential Interfering Stations Included in above Scenario			8
45A GA MACON	BLCDT	20050621CRQ	LIC
45A MS HOUSTON	DTVPLN	DTVP1619	PLN
46A AL HUNTSVILLE	DTVPLN	DTVP1634	PLN
After Analysis			
Results for: 45A AL GADSDEN DTVPLN DTVP1599 PLN			
HAAT 309.0 m, ATV ERP 225.0 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1400197	18724.5	
not affected by terrain losses	1358801	17729.2	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	16394	369.2	
lost to ATV IX only	16394	369.2	
lost to all IX	16394	369.2	
Potential Interfering Stations Included in above Scenario			8
45A GA MACON	BLCDT	20050621CRQ	LIC
45A MS HOUSTON	DTVPLN	DTVP1619	PLN
46A AL HUNTSVILLE	USERRECORD01		APP
Percent new IX = 0.0264%			
Result key: 21			
Scenario	9	Affected station	9
Before Analysis			
Results for: 45A AL GADSDEN DTVPLN DTVP1599 PLN			
HAAT 309.0 m, ATV ERP 225.0 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1400197	18724.5	
not affected by terrain losses	1358801	17729.2	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	16148	361.2	
lost to ATV IX only	16148	361.2	
lost to all IX	16148	361.2	
Potential Interfering Stations Included in above Scenario			9
45A GA MACON	DTVPLN	DTVP1607	PLN
45A MS HOUSTON	BPCDT	20060519ABE	CP
46A AL HUNTSVILLE	BPRM	20080619ALW	APP
46A AL HUNTSVILLE	DTVPLN	DTVP1634	PLN
After Analysis			
Results for: 45A AL GADSDEN DTVPLN DTVP1599 PLN			
HAAT 309.0 m, ATV ERP 225.0 kW			

Figure 3

	POPULATION	AREA (sq km)	
within Noise Limited Contour	1400197	18724.5	
not affected by terrain losses	1358801	17729.2	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	16394	369.2	
lost to ATV IX only	16394	369.2	
lost to all IX	16394	369.2	
Potential Interfering Stations Included in above Scenario			9
45A GA MACON	DTVPLN	DTVP1607	PLN
45A MS HOUSTON	BPCDT	20060519ABE	CP
46A AL HUNTSVILLE	BPRM	20080619ALW	APP
46A AL HUNTSVILLE	USERRECORD01		APP
Percent new IX = 0.0183%			
Result key: 22			
Scenario	10	Affected station	9
Before Analysis			
Results for: 45A AL GADSDEN DTVPLN DTVP1599 PLN			
HAAT 309.0 m, ATV ERP 225.0 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1400197	18724.5	
not affected by terrain losses	1358801	17729.2	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	16039	353.1	
lost to ATV IX only	16039	353.1	
lost to all IX	16039	353.1	
Potential Interfering Stations Included in above Scenario			10
45A GA MACON	DTVPLN	DTVP1607	PLN
45A MS HOUSTON	BPCDT	20060519ABE	CP
46A AL HUNTSVILLE	DTVPLN	DTVP1634	PLN
After Analysis			
Results for: 45A AL GADSDEN DTVPLN DTVP1599 PLN			
HAAT 309.0 m, ATV ERP 225.0 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1400197	18724.5	
not affected by terrain losses	1358801	17729.2	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	16394	369.2	
lost to ATV IX only	16394	369.2	
lost to all IX	16394	369.2	
Potential Interfering Stations Included in above Scenario			10
45A GA MACON	DTVPLN	DTVP1607	PLN
45A MS HOUSTON	BPCDT	20060519ABE	CP
46A AL HUNTSVILLE	USERRECORD01		APP
Percent new IX = 0.0264%			
Result key: 23			
Scenario	11	Affected station	9
Before Analysis			
Results for: 45A AL GADSDEN DTVPLN DTVP1599 PLN			
HAAT 309.0 m, ATV ERP 225.0 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1400197	18724.5	
not affected by terrain losses	1358801	17729.2	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	16148	361.2	
lost to ATV IX only	16148	361.2	
lost to all IX	16148	361.2	
Potential Interfering Stations Included in above Scenario			11
45A GA MACON	DTVPLN	DTVP1607	PLN
45A MS HOUSTON	DTVPLN	DTVP1619	PLN
46A AL HUNTSVILLE	BPRM	20080619ALW	APP
46A AL HUNTSVILLE	DTVPLN	DTVP1634	PLN
After Analysis			

Figure 3

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Results for: 45A AL GADSDEN          DTVPLN    DTVP1599    PLN
HAAT 309.0 m, ATV ERP 225.0 kW
      POPULATION    AREA (sq km)
within Noise Limited Contour    1400197    18724.5
not affected by terrain losses    1358801    17729.2
lost to NTSC IX                    0          0.0
lost to additional IX by ATV    16394     369.2
lost to ATV IX only              16394     369.2
lost to all IX                   16394     369.2

Potential Interfering Stations Included in above Scenario    11

45A GA MACON          DTVPLN    DTVP1607    PLN
45A MS HOUSTON        DTVPLN    DTVP1619    PLN
46A AL HUNTSVILLE   BPRM      20080619ALW APP
46A AL HUNTSVILLE   USERRECORD01 APP

Percent new IX =      0.0183%

Result key:          24
Scenario            12 Affected station          9
Before Analysis

Results for: 45A AL GADSDEN          DTVPLN    DTVP1599    PLN
HAAT 309.0 m, ATV ERP 225.0 kW
      POPULATION    AREA (sq km)
within Noise Limited Contour    1400197    18724.5
not affected by terrain losses    1358801    17729.2
lost to NTSC IX                    0          0.0
lost to additional IX by ATV    16039     353.1
lost to ATV IX only              16039     353.1
lost to all IX                   16039     353.1

Potential Interfering Stations Included in above Scenario    12

45A GA MACON          DTVPLN    DTVP1607    PLN
45A MS HOUSTON        DTVPLN    DTVP1619    PLN
46A AL HUNTSVILLE   DTVPLN    DTVP1634    PLN

After Analysis

Results for: 45A AL GADSDEN          DTVPLN    DTVP1599    PLN
HAAT 309.0 m, ATV ERP 225.0 kW
      POPULATION    AREA (sq km)
within Noise Limited Contour    1400197    18724.5
not affected by terrain losses    1358801    17729.2
lost to NTSC IX                    0          0.0
lost to additional IX by ATV    16394     369.2
lost to ATV IX only              16394     369.2
lost to all IX                   16394     369.2

Potential Interfering Stations Included in above Scenario    12

45A GA MACON          DTVPLN    DTVP1607    PLN
45A MS HOUSTON        DTVPLN    DTVP1619    PLN
46A AL HUNTSVILLE   USERRECORD01 APP

Percent new IX =      0.0264%

Worst case new IX    0.0264% Scenario    1

#####

Analysis of Interference to Affected Station    10

Analysis of current record
Channel    Call    City/State    Application Ref. No.
46         WMCF-TV    MONTGOMERY AL    BPCDT    -20080616ADZ

Stations Potentially Affecting This Station

Chan    Call    City/State    Dist(km) Status    Application Ref. No.
45      WPXH    GADSDEN AL    167.3    LIC    BLCDT    -20020510AAL
45      WPXH    GADSDEN AL    167.3    PLN    DTVPLN    -DTV1599
46      WHNT-DR    HUNTSVILLE AL    261.4    APP    BPRM      -20080619ALW
46      WHNT-TV    HUNTSVILLE AL    261.4    PLN    DTVPLN    -DTV1634
46      WCTV    THOMASVILLE GA    287.7    LIC    BLCDT    -20050815AAA
46      WCTV    THOMASVILLE GA    287.7    PLN    DTVPLN    -DTV1642

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Figure 3

47	WLGA	OPELIKA AL	133.3	CP MOD	BMPCDT	-20081219ADO
47	WLGA	OPELIKA AL	132.3	PLN	DTVPLN	-DTVP1665
46	WHNT	HUNTSVILLE AL	261.4	APP	USERRECORD-01	

Total scenarios = 12

Result key: 25
 Scenario 1 Affected station 10
 Before Analysis

Results for: 46A AL MONTGOMERY BPCDT 20080616ADZ CP
 HAAT 305.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	673051	25376.7
not affected by terrain losses	667876	24820.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	7126	709.3
lost to ATV IX only	7126	709.3
lost to all IX	7126	709.3

Potential Interfering Stations Included in above Scenario 1

46A GA THOMASVILLE	BLCDDT	20050815AAA	LIC
47A AL OPELIKA	BMPCDT	20081219ADO	CP
46A AL HUNTSVILLE	DTVPLN	DTVP1634	PLN

After Analysis

Results for: 46A AL MONTGOMERY BPCDT 20080616ADZ CP
 HAAT 305.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	673051	25376.7
not affected by terrain losses	667876	24820.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	7098	729.4
lost to ATV IX only	7098	729.4
lost to all IX	7098	729.4

Potential Interfering Stations Included in above Scenario 1

46A GA THOMASVILLE	BLCDDT	20050815AAA	LIC
47A AL OPELIKA	BMPCDT	20081219ADO	CP
46A AL HUNTSVILLE	USERRECORD01		APP

Percent new IX = -0.0042%

Result key: 26
 Scenario 2 Affected station 10
 Before Analysis

Results for: 46A AL MONTGOMERY BPCDT 20080616ADZ CP
 HAAT 305.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	673051	25376.7
not affected by terrain losses	667876	24820.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	6959	689.1
lost to ATV IX only	6959	689.1
lost to all IX	6959	689.1

Potential Interfering Stations Included in above Scenario 2

46A GA THOMASVILLE	BLCDDT	20050815AAA	LIC
47A AL OPELIKA	DTVPLN	DTVP1665	PLN
46A AL HUNTSVILLE	DTVPLN	DTVP1634	PLN

After Analysis

Results for: 46A AL MONTGOMERY BPCDT 20080616ADZ CP
 HAAT 305.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	673051	25376.7
not affected by terrain losses	667876	24820.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	6931	709.3
lost to ATV IX only	6931	709.3
lost to all IX	6931	709.3

Potential Interfering Stations Included in above Scenario 2

Figure 3

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46A GA THOMASVILLE      BLCDDT      20050815AAA  LIC
47A AL OPELIKA            DTVPLN      DTVP1665    PLN
46A AL HUNTSVILLE        USERRECORD01 APP

Percent new IX =      -0.0042%

Result key:                27
Scenario                   3  Affected station          10
Before Analysis

Results for: 46A AL MONTGOMERY      BPCDDT      20080616ADZ  CP
HAAT  305.0 m, ATV ERP 1000.0 kW
      POPULATION  AREA (sq km)
within Noise Limited Contour      673051      25376.7
not affected by terrain losses     667876      24820.6
lost to NTSC IX                    0          0.0
lost to additional IX by ATV       7157       713.3
lost to ATV IX only                7157       713.3
lost to all IX                    7157       713.3

Potential Interfering Stations Included in above Scenario      3

46A GA THOMASVILLE      DTVPLN      DTVP1642    PLN
47A AL OPELIKA            BMPCDDT     20081219ADO  CP
46A AL HUNTSVILLE        DTVPLN      DTVP1634    PLN

After Analysis

Results for: 46A AL MONTGOMERY      BPCDDT      20080616ADZ  CP
HAAT  305.0 m, ATV ERP 1000.0 kW
      POPULATION  AREA (sq km)
within Noise Limited Contour      673051      25376.7
not affected by terrain losses     667876      24820.6
lost to NTSC IX                    0          0.0
lost to additional IX by ATV       7129       733.5
lost to ATV IX only                7129       733.5
lost to all IX                    7129       733.5

Potential Interfering Stations Included in above Scenario      3

46A GA THOMASVILLE      DTVPLN      DTVP1642    PLN
47A AL OPELIKA            BMPCDDT     20081219ADO  CP
46A AL HUNTSVILLE        USERRECORD01 APP

Percent new IX =      -0.0042%

Result key:                28
Scenario                   4  Affected station          10
Before Analysis

Results for: 46A AL MONTGOMERY      BPCDDT      20080616ADZ  CP
HAAT  305.0 m, ATV ERP 1000.0 kW
      POPULATION  AREA (sq km)
within Noise Limited Contour      673051      25376.7
not affected by terrain losses     667876      24820.6
lost to NTSC IX                    0          0.0
lost to additional IX by ATV       6990       693.2
lost to ATV IX only                6990       693.2
lost to all IX                    6990       693.2

Potential Interfering Stations Included in above Scenario      4

46A GA THOMASVILLE      DTVPLN      DTVP1642    PLN
47A AL OPELIKA            DTVPLN      DTVP1665    PLN
46A AL HUNTSVILLE        DTVPLN      DTVP1634    PLN

After Analysis

Results for: 46A AL MONTGOMERY      BPCDDT      20080616ADZ  CP
HAAT  305.0 m, ATV ERP 1000.0 kW
      POPULATION  AREA (sq km)
within Noise Limited Contour      673051      25376.7
not affected by terrain losses     667876      24820.6
lost to NTSC IX                    0          0.0
lost to additional IX by ATV       6962       713.3
lost to ATV IX only                6962       713.3
lost to all IX                    6962       713.3

Potential Interfering Stations Included in above Scenario      4

```

Figure 3

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46A GA THOMASVILLE      DTVPLN      DTVP1642      PLN
47A AL OPELIKA            DTVPLN      DTVP1665      PLN
46A AL HUNTSVILLE        USERRECORD01  APP

Percent new IX =      -0.0042%

Result key:                29
Scenario                    5  Affected station          10
Before Analysis

Results for: 46A AL MONTGOMERY      BPCDT      20080616ADZ  CP
HAAT  305.0 m, ATV ERP 1000.0 kW
      POPULATION      AREA (sq km)
within Noise Limited Contour      673051      25376.7
not affected by terrain losses      667876      24820.6
lost to NTSC IX                    0          0.0
lost to additional IX by ATV        7126      709.3
lost to ATV IX only                 7126      709.3
lost to all IX                     7126      709.3

Potential Interfering Stations Included in above Scenario      5

46A AL HUNTSVILLE          BPRM      20080619ALW  APP
46A GA THOMASVILLE          BLCDT      20050815AAA  LIC
47A AL OPELIKA                BMPCDT      20081219ADO  CP
46A AL HUNTSVILLE          DTVPLN      DTVP1634      PLN

After Analysis

Results for: 46A AL MONTGOMERY      BPCDT      20080616ADZ  CP
HAAT  305.0 m, ATV ERP 1000.0 kW
      POPULATION      AREA (sq km)
within Noise Limited Contour      673051      25376.7
not affected by terrain losses      667876      24820.6
lost to NTSC IX                    0          0.0
lost to additional IX by ATV        7098      729.4
lost to ATV IX only                 7098      729.4
lost to all IX                     7098      729.4

Potential Interfering Stations Included in above Scenario      5

46A AL HUNTSVILLE          BPRM      20080619ALW  APP
46A GA THOMASVILLE          BLCDT      20050815AAA  LIC
47A AL OPELIKA                BMPCDT      20081219ADO  CP
46A AL HUNTSVILLE          USERRECORD01  APP

Percent new IX =      -0.0042%

Result key:                30
Scenario                    6  Affected station          10
Before Analysis

Results for: 46A AL MONTGOMERY      BPCDT      20080616ADZ  CP
HAAT  305.0 m, ATV ERP 1000.0 kW
      POPULATION      AREA (sq km)
within Noise Limited Contour      673051      25376.7
not affected by terrain losses      667876      24820.6
lost to NTSC IX                    0          0.0
lost to additional IX by ATV        6959      689.1
lost to ATV IX only                 6959      689.1
lost to all IX                     6959      689.1

Potential Interfering Stations Included in above Scenario      6

46A AL HUNTSVILLE          BPRM      20080619ALW  APP
46A GA THOMASVILLE          BLCDT      20050815AAA  LIC
47A AL OPELIKA                DTVPLN      DTVP1665      PLN
46A AL HUNTSVILLE          DTVPLN      DTVP1634      PLN

After Analysis

Results for: 46A AL MONTGOMERY      BPCDT      20080616ADZ  CP
HAAT  305.0 m, ATV ERP 1000.0 kW
      POPULATION      AREA (sq km)
within Noise Limited Contour      673051      25376.7
not affected by terrain losses      667876      24820.6
lost to NTSC IX                    0          0.0
lost to additional IX by ATV        6931      709.3
lost to ATV IX only                 6931      709.3

```


Figure 3

lost to all IX 6931 709.3

Potential Interfering Stations Included in above Scenario 6

46A AL HUNTSVILLE	BPRM	20080619ALW	APP
46A GA THOMASVILLE	BLCDT	20050815AAA	LIC
47A AL OPELIKA	DTVPLN	DTVP1665	PLN
46A AL HUNTSVILLE	USERRECORD01		APP

Percent new IX = -0.0042%

Result key: 31
 Scenario 7 Affected station 10
 Before Analysis

Results for: 46A AL MONTGOMERY BPCDT 20080616ADZ CP
 HAAT 305.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	673051	25376.7
not affected by terrain losses	667876	24820.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	7157	713.3
lost to ATV IX only	7157	713.3
lost to all IX	7157	713.3

Potential Interfering Stations Included in above Scenario 7

46A AL HUNTSVILLE	BPRM	20080619ALW	APP
46A GA THOMASVILLE	DTVPLN	DTVP1642	PLN
47A AL OPELIKA	BMPCDT	20081219ADO	CP
46A AL HUNTSVILLE	DTVPLN	DTVP1634	PLN

After Analysis

Results for: 46A AL MONTGOMERY BPCDT 20080616ADZ CP
 HAAT 305.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	673051	25376.7
not affected by terrain losses	667876	24820.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	7129	733.5
lost to ATV IX only	7129	733.5
lost to all IX	7129	733.5

Potential Interfering Stations Included in above Scenario 7

46A AL HUNTSVILLE	BPRM	20080619ALW	APP
46A GA THOMASVILLE	DTVPLN	DTVP1642	PLN
47A AL OPELIKA	BMPCDT	20081219ADO	CP
46A AL HUNTSVILLE	USERRECORD01		APP

Percent new IX = -0.0042%

Result key: 32
 Scenario 8 Affected station 10
 Before Analysis

Results for: 46A AL MONTGOMERY BPCDT 20080616ADZ CP
 HAAT 305.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	673051	25376.7
not affected by terrain losses	667876	24820.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	6990	693.2
lost to ATV IX only	6990	693.2
lost to all IX	6990	693.2

Potential Interfering Stations Included in above Scenario 8

46A AL HUNTSVILLE	BPRM	20080619ALW	APP
46A GA THOMASVILLE	DTVPLN	DTVP1642	PLN
47A AL OPELIKA	DTVPLN	DTVP1665	PLN
46A AL HUNTSVILLE	DTVPLN	DTVP1634	PLN

After Analysis

Results for: 46A AL MONTGOMERY BPCDT 20080616ADZ CP
 HAAT 305.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	673051	25376.7

Figure 3

not affected by terrain losses	667876	24820.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	6962	713.3
lost to ATV IX only	6962	713.3
lost to all IX	6962	713.3

Potential Interfering Stations Included in above Scenario 8

46A AL HUNTSVILLE	BPRM	20080619ALW	APP
46A GA THOMASVILLE	DTVPLN	DTVP1642	PLN
47A AL OPELIKA	DTVPLN	DTVP1665	PLN
46A AL HUNTSVILLE	USERRECORD01		APP

Percent new IX = -0.0042%

Result key: 33
 Scenario 9 Affected station 10
 Before Analysis

Results for: 46A AL MONTGOMERY BPCDT 20080616ADZ CP
 HAAT 305.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	673051	25376.7
not affected by terrain losses	667876	24820.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	7126	709.3
lost to ATV IX only	7126	709.3
lost to all IX	7126	709.3

Potential Interfering Stations Included in above Scenario 9

46A GA THOMASVILLE	BLCDT	20050815AAA	LIC
47A AL OPELIKA	BMPCDT	20081219ADO	CP
46A AL HUNTSVILLE	DTVPLN	DTVP1634	PLN

After Analysis

Results for: 46A AL MONTGOMERY BPCDT 20080616ADZ CP
 HAAT 305.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	673051	25376.7
not affected by terrain losses	667876	24820.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	7098	729.4
lost to ATV IX only	7098	729.4
lost to all IX	7098	729.4

Potential Interfering Stations Included in above Scenario 9

46A GA THOMASVILLE	BLCDT	20050815AAA	LIC
47A AL OPELIKA	BMPCDT	20081219ADO	CP
46A AL HUNTSVILLE	USERRECORD01		APP

Percent new IX = -0.0042%

Result key: 34
 Scenario 10 Affected station 10
 Before Analysis

Results for: 46A AL MONTGOMERY BPCDT 20080616ADZ CP
 HAAT 305.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	673051	25376.7
not affected by terrain losses	667876	24820.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	6959	689.1
lost to ATV IX only	6959	689.1
lost to all IX	6959	689.1

Potential Interfering Stations Included in above Scenario 10

46A GA THOMASVILLE	BLCDT	20050815AAA	LIC
47A AL OPELIKA	DTVPLN	DTVP1665	PLN
46A AL HUNTSVILLE	DTVPLN	DTVP1634	PLN

After Analysis

Results for: 46A AL MONTGOMERY BPCDT 20080616ADZ CP
 HAAT 305.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
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Figure 3

within Noise Limited Contour	673051	25376.7
not affected by terrain losses	667876	24820.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	6931	709.3
lost to ATV IX only	6931	709.3
lost to all IX	6931	709.3

Potential Interfering Stations Included in above Scenario 10

46A GA THOMASVILLE	BLCDDT	20050815AAA	LIC
47A AL OPELIKA	DTVPLN	DTVP1665	PLN
46A AL HUNTSVILLE	USERRECORD01		APP

Percent new IX = -0.0042%

Result key: 35
Scenario 11 Affected station 10
Before Analysis

Results for: 46A AL MONTGOMERY BPCDDT 20080616ADZ CP
HAAT 305.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	673051	25376.7
not affected by terrain losses	667876	24820.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	7157	713.3
lost to ATV IX only	7157	713.3
lost to all IX	7157	713.3

Potential Interfering Stations Included in above Scenario 11

46A GA THOMASVILLE	DTVPLN	DTVP1642	PLN
47A AL OPELIKA	BMPDDT	20081219ADO	CP
46A AL HUNTSVILLE	DTVPLN	DTVP1634	PLN

After Analysis

Results for: 46A AL MONTGOMERY BPCDDT 20080616ADZ CP
HAAT 305.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	673051	25376.7
not affected by terrain losses	667876	24820.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	7129	733.5
lost to ATV IX only	7129	733.5
lost to all IX	7129	733.5

Potential Interfering Stations Included in above Scenario 11

46A GA THOMASVILLE	DTVPLN	DTVP1642	PLN
47A AL OPELIKA	BMPDDT	20081219ADO	CP
46A AL HUNTSVILLE	USERRECORD01		APP

Percent new IX = -0.0042%

Result key: 36
Scenario 12 Affected station 10
Before Analysis

Results for: 46A AL MONTGOMERY BPCDDT 20080616ADZ CP
HAAT 305.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	673051	25376.7
not affected by terrain losses	667876	24820.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	6990	693.2
lost to ATV IX only	6990	693.2
lost to all IX	6990	693.2

Potential Interfering Stations Included in above Scenario 12

46A GA THOMASVILLE	DTVPLN	DTVP1642	PLN
47A AL OPELIKA	DTVPLN	DTVP1665	PLN
46A AL HUNTSVILLE	DTVPLN	DTVP1634	PLN

After Analysis

Results for: 46A AL MONTGOMERY BPCDDT 20080616ADZ CP
HAAT 305.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
--	------------	--------------

Figure 3

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within Noise Limited Contour      673051      25376.7
not affected by terrain losses    667876      24820.6
lost to NTSC IX                   0           0.0
lost to additional IX by ATV      6962       713.3
lost to ATV IX only              6962       713.3
lost to all IX                   6962       713.3

Potential Interfering Stations Included in above Scenario      12

46A GA THOMASVILLE      DTVPLN      DTVP1642      PLN
47A AL OPELIKA            DTVPLN      DTVP1665      PLN
46A AL HUNTSVILLE       USERRECORD01      APP

Percent new IX =      -0.0042%

Worst case new IX      -0.0042% Scenario      2

#####

Analysis of Interference to Affected Station      11

Analysis of current record
Channel      Call      City/State      Application Ref. No.
46      WMCF-TV      MONTGOMERY AL      DTVPLN      -DTVP1635

Stations Potentially Affecting This Station

Chan      Call      City/State      Dist(km)      Status      Application Ref. No.
45      WPXH      GADSDEN AL      167.3      LIC      BLCDT      -20020510AAL
45      WPXH      GADSDEN AL      167.3      PLN      DTVPLN      -DTVP1599
46      WHNT-DR      HUNTSVILLE AL      261.4      APP      BPRM      -20080619ALW
46      WHNT-TV      HUNTSVILLE AL      261.4      PLN      DTVPLN      -DTVP1634
46      WCTV      THOMASVILLE GA      287.7      LIC      BLCDT      -20050815AAA
46      WCTV      THOMASVILLE GA      287.7      PLN      DTVPLN      -DTVP1642
47      WLGA      OPELIKA AL      133.3      CP MOD      BMPCDT      -20081219ADO
47      WLGA      OPELIKA AL      132.3      PLN      DTVPLN      -DTVP1665
46      WHNT      HUNTSVILLE AL      261.4      APP      USERRECORD-01

Total scenarios =      12

Result key:      37
Scenario      1      Affected station      11
Before Analysis

Results for: 46A AL MONTGOMERY      DTVPLN      DTVP1635      PLN
HAAT 308.0 m, ATV ERP 500.0 kW
POPULATION      AREA (sq km)
within Noise Limited Contour      646392      22655.3
not affected by terrain losses    642857      22341.0
lost to NTSC IX                   0           0.0
lost to additional IX by ATV      4080       511.8
lost to ATV IX only              4080       511.8
lost to all IX                   4080       511.8

Potential Interfering Stations Included in above Scenario      1

46A GA THOMASVILLE      BLCDT      20050815AAA      LIC
47A AL OPELIKA            BMPCDT      20081219ADO      CP
46A AL HUNTSVILLE       DTVPLN      DTVP1634      PLN

After Analysis

Results for: 46A AL MONTGOMERY      DTVPLN      DTVP1635      PLN
HAAT 308.0 m, ATV ERP 500.0 kW
POPULATION      AREA (sq km)
within Noise Limited Contour      646392      22655.3
not affected by terrain losses    642857      22341.0
lost to NTSC IX                   0           0.0
lost to additional IX by ATV      4080       511.8
lost to ATV IX only              4080       511.8
lost to all IX                   4080       511.8

Potential Interfering Stations Included in above Scenario      1

46A GA THOMASVILLE      BLCDT      20050815AAA      LIC
47A AL OPELIKA            BMPCDT      20081219ADO      CP
46A AL HUNTSVILLE       USERRECORD01      APP

```

Figure 3

Percent new IX = 0.0000%

Result key: 38
Scenario 2 Affected station 11
Before Analysis

Results for: 46A AL MONTGOMERY DTVPLN DTVP1635 PLN
HAAT 308.0 m, ATV ERP 500.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	646392	22655.3
not affected by terrain losses	642857	22341.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	4286	531.9
lost to ATV IX only	4286	531.9
lost to all IX	4286	531.9

Potential Interfering Stations Included in above Scenario 2

46A GA THOMASVILLE	BLCDDT	20050815AAA	LIC
47A AL OPELIKA	DTVPLN	DTVP1665	PLN
46A AL HUNTSVILLE	DTVPLN	DTVP1634	PLN

After Analysis

Results for: 46A AL MONTGOMERY DTVPLN DTVP1635 PLN
HAAT 308.0 m, ATV ERP 500.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	646392	22655.3
not affected by terrain losses	642857	22341.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	4286	531.9
lost to ATV IX only	4286	531.9
lost to all IX	4286	531.9

Potential Interfering Stations Included in above Scenario 2

46A GA THOMASVILLE	BLCDDT	20050815AAA	LIC
47A AL OPELIKA	DTVPLN	DTVP1665	PLN
46A AL HUNTSVILLE	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 39
Scenario 3 Affected station 11
Before Analysis

Results for: 46A AL MONTGOMERY DTVPLN DTVP1635 PLN
HAAT 308.0 m, ATV ERP 500.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	646392	22655.3
not affected by terrain losses	642857	22341.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	4099	519.8
lost to ATV IX only	4099	519.8
lost to all IX	4099	519.8

Potential Interfering Stations Included in above Scenario 3

46A GA THOMASVILLE	DTVPLN	DTVP1642	PLN
47A AL OPELIKA	BMPCDDT	20081219ADO	CP
46A AL HUNTSVILLE	DTVPLN	DTVP1634	PLN

After Analysis

Results for: 46A AL MONTGOMERY DTVPLN DTVP1635 PLN
HAAT 308.0 m, ATV ERP 500.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	646392	22655.3
not affected by terrain losses	642857	22341.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	4099	519.8
lost to ATV IX only	4099	519.8
lost to all IX	4099	519.8

Potential Interfering Stations Included in above Scenario 3

46A GA THOMASVILLE	DTVPLN	DTVP1642	PLN
47A AL OPELIKA	BMPCDDT	20081219ADO	CP
46A AL HUNTSVILLE	USERRECORD01		APP

Figure 3

Percent new IX = 0.0000%

Result key: 40
Scenario 4 Affected station 11
Before Analysis

Results for: 46A AL MONTGOMERY DTVPLN DTVP1635 PLN
HAAT 308.0 m, ATV ERP 500.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	646392	22655.3
not affected by terrain losses	642857	22341.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	4305	540.0
lost to ATV IX only	4305	540.0
lost to all IX	4305	540.0

Potential Interfering Stations Included in above Scenario 4

46A GA THOMASVILLE	DTVPLN	DTVP1642	PLN
47A AL OPELIKA	DTVPLN	DTVP1665	PLN
46A AL HUNTSVILLE	DTVPLN	DTVP1634	PLN

After Analysis

Results for: 46A AL MONTGOMERY DTVPLN DTVP1635 PLN
HAAT 308.0 m, ATV ERP 500.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	646392	22655.3
not affected by terrain losses	642857	22341.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	4305	540.0
lost to ATV IX only	4305	540.0
lost to all IX	4305	540.0

Potential Interfering Stations Included in above Scenario 4

46A GA THOMASVILLE	DTVPLN	DTVP1642	PLN
47A AL OPELIKA	DTVPLN	DTVP1665	PLN
46A AL HUNTSVILLE	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 41
Scenario 5 Affected station 11
Before Analysis

Results for: 46A AL MONTGOMERY DTVPLN DTVP1635 PLN
HAAT 308.0 m, ATV ERP 500.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	646392	22655.3
not affected by terrain losses	642857	22341.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	4080	511.8
lost to ATV IX only	4080	511.8
lost to all IX	4080	511.8

Potential Interfering Stations Included in above Scenario 5

46A AL HUNTSVILLE	BPRM	20080619ALW	APP
46A GA THOMASVILLE	BLCDT	20050815AAA	LIC
47A AL OPELIKA	BMPCDT	20081219ADO	CP
46A AL HUNTSVILLE	DTVPLN	DTVP1634	PLN

After Analysis

Results for: 46A AL MONTGOMERY DTVPLN DTVP1635 PLN
HAAT 308.0 m, ATV ERP 500.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	646392	22655.3
not affected by terrain losses	642857	22341.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	4080	511.8
lost to ATV IX only	4080	511.8
lost to all IX	4080	511.8

Potential Interfering Stations Included in above Scenario 5

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

Figure 3

```

47A AL OPELIKA          BMPCDT    20081219ADO  CP
46A AL HUNTSVILLE     USERRECORD01  APP

Percent new IX =      0.0000%

Result key:             42
Scenario                6  Affected station      11
Before Analysis

Results for: 46A AL MONTGOMERY          DTVPLN    DTVP1635    PLN
HAAT 308.0 m, ATV ERP 500.0 kW
      POPULATION    AREA (sq km)
within Noise Limited Contour    646392    22655.3
not affected by terrain losses    642857    22341.0
lost to NTSC IX                  0        0.0
lost to additional IX by ATV      4286    531.9
lost to ATV IX only              4286    531.9
lost to all IX                   4286    531.9

Potential Interfering Stations Included in above Scenario    6

46A AL HUNTSVILLE     BPRM      20080619ALW  APP
46A GA THOMASVILLE    BLCDT     20050815AAA  LIC
47A AL OPELIKA          DTVPLN    DTVP1665    PLN
46A AL HUNTSVILLE     DTVPLN    DTVP1634    PLN

After Analysis

Results for: 46A AL MONTGOMERY          DTVPLN    DTVP1635    PLN
HAAT 308.0 m, ATV ERP 500.0 kW
      POPULATION    AREA (sq km)
within Noise Limited Contour    646392    22655.3
not affected by terrain losses    642857    22341.0
lost to NTSC IX                  0        0.0
lost to additional IX by ATV      4286    531.9
lost to ATV IX only              4286    531.9
lost to all IX                   4286    531.9

Potential Interfering Stations Included in above Scenario    6

46A AL HUNTSVILLE     BPRM      20080619ALW  APP
46A GA THOMASVILLE    BLCDT     20050815AAA  LIC
47A AL OPELIKA          DTVPLN    DTVP1665    PLN
46A AL HUNTSVILLE     USERRECORD01  APP

Percent new IX =      0.0000%

Result key:             43
Scenario                7  Affected station      11
Before Analysis

Results for: 46A AL MONTGOMERY          DTVPLN    DTVP1635    PLN
HAAT 308.0 m, ATV ERP 500.0 kW
      POPULATION    AREA (sq km)
within Noise Limited Contour    646392    22655.3
not affected by terrain losses    642857    22341.0
lost to NTSC IX                  0        0.0
lost to additional IX by ATV      4099    519.8
lost to ATV IX only              4099    519.8
lost to all IX                   4099    519.8

Potential Interfering Stations Included in above Scenario    7

46A AL HUNTSVILLE     BPRM      20080619ALW  APP
46A GA THOMASVILLE    DTVPLN    DTVP1642    PLN
47A AL OPELIKA          BMPCDT     20081219ADO  CP
46A AL HUNTSVILLE     DTVPLN    DTVP1634    PLN

After Analysis

Results for: 46A AL MONTGOMERY          DTVPLN    DTVP1635    PLN
HAAT 308.0 m, ATV ERP 500.0 kW
      POPULATION    AREA (sq km)
within Noise Limited Contour    646392    22655.3
not affected by terrain losses    642857    22341.0
lost to NTSC IX                  0        0.0
lost to additional IX by ATV      4099    519.8
lost to ATV IX only              4099    519.8
lost to all IX                   4099    519.8

```


Figure 3

Potential Interfering Stations Included in above Scenario 7

46A AL HUNTSVILLE	BPRM	20080619ALW	APP
46A GA THOMASVILLE	DTVPLN	DTVP1642	PLN
47A AL OPELIKA	BMPCDT	20081219ADO	CP
46A AL HUNTSVILLE	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 44
 Scenario 8 Affected station 11
 Before Analysis

Results for: 46A AL MONTGOMERY DTVPLN DTVP1635 PLN
 HAAT 308.0 m, ATV ERP 500.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	646392	22655.3
not affected by terrain losses	642857	22341.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	4305	540.0
lost to ATV IX only	4305	540.0
lost to all IX	4305	540.0

Potential Interfering Stations Included in above Scenario 8

46A AL HUNTSVILLE	BPRM	20080619ALW	APP
46A GA THOMASVILLE	DTVPLN	DTVP1642	PLN
47A AL OPELIKA	DTVPLN	DTVP1665	PLN
46A AL HUNTSVILLE	DTVPLN	DTVP1634	PLN

After Analysis

Results for: 46A AL MONTGOMERY DTVPLN DTVP1635 PLN
 HAAT 308.0 m, ATV ERP 500.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	646392	22655.3
not affected by terrain losses	642857	22341.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	4305	540.0
lost to ATV IX only	4305	540.0
lost to all IX	4305	540.0

Potential Interfering Stations Included in above Scenario 8

46A AL HUNTSVILLE	BPRM	20080619ALW	APP
46A GA THOMASVILLE	DTVPLN	DTVP1642	PLN
47A AL OPELIKA	DTVPLN	DTVP1665	PLN
46A AL HUNTSVILLE	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 45
 Scenario 9 Affected station 11
 Before Analysis

Results for: 46A AL MONTGOMERY DTVPLN DTVP1635 PLN
 HAAT 308.0 m, ATV ERP 500.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	646392	22655.3
not affected by terrain losses	642857	22341.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	4080	511.8
lost to ATV IX only	4080	511.8
lost to all IX	4080	511.8

Potential Interfering Stations Included in above Scenario 9

46A GA THOMASVILLE	BLCDT	20050815AAA	LIC
47A AL OPELIKA	BMPCDT	20081219ADO	CP
46A AL HUNTSVILLE	DTVPLN	DTVP1634	PLN

After Analysis

Results for: 46A AL MONTGOMERY DTVPLN DTVP1635 PLN
 HAAT 308.0 m, ATV ERP 500.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	646392	22655.3
not affected by terrain losses	642857	22341.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	4080	511.8

Figure 3

lost to ATV IX only	4080	511.8	
lost to all IX	4080	511.8	

Potential Interfering Stations Included in above Scenario 9

46A GA THOMASVILLE	BLCDT	20050815AAA	LIC
47A AL OPELIKA	BMPCDT	20081219ADO	CP
46A AL HUNTSVILLE	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 46

Scenario 10 Affected station 11

Before Analysis

Results for: 46A AL MONTGOMERY DTVPLN DTVP1635 PLN

HAAT 308.0 m, ATV ERP 500.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	646392	22655.3
not affected by terrain losses	642857	22341.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	4286	531.9
lost to ATV IX only	4286	531.9
lost to all IX	4286	531.9

Potential Interfering Stations Included in above Scenario 10

46A GA THOMASVILLE	BLCDT	20050815AAA	LIC
47A AL OPELIKA	DTVPLN	DTVP1665	PLN
46A AL HUNTSVILLE	DTVPLN	DTVP1634	PLN

After Analysis

Results for: 46A AL MONTGOMERY DTVPLN DTVP1635 PLN

HAAT 308.0 m, ATV ERP 500.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	646392	22655.3
not affected by terrain losses	642857	22341.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	4286	531.9
lost to ATV IX only	4286	531.9
lost to all IX	4286	531.9

Potential Interfering Stations Included in above Scenario 10

46A GA THOMASVILLE	BLCDT	20050815AAA	LIC
47A AL OPELIKA	DTVPLN	DTVP1665	PLN
46A AL HUNTSVILLE	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 47

Scenario 11 Affected station 11

Before Analysis

Results for: 46A AL MONTGOMERY DTVPLN DTVP1635 PLN

HAAT 308.0 m, ATV ERP 500.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	646392	22655.3
not affected by terrain losses	642857	22341.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	4099	519.8
lost to ATV IX only	4099	519.8
lost to all IX	4099	519.8

Potential Interfering Stations Included in above Scenario 11

46A GA THOMASVILLE	DTVPLN	DTVP1642	PLN
47A AL OPELIKA	BMPCDT	20081219ADO	CP
46A AL HUNTSVILLE	DTVPLN	DTVP1634	PLN

After Analysis

Results for: 46A AL MONTGOMERY DTVPLN DTVP1635 PLN

HAAT 308.0 m, ATV ERP 500.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	646392	22655.3
not affected by terrain losses	642857	22341.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	4099	519.8

Figure 3

```

lost to ATV IX only          4099      519.8
lost to all IX               4099      519.8

Potential Interfering Stations Included in above Scenario    11

46A GA THOMASVILLE      DTVPLN      DTVP1642      PLN
47A AL OPELIKA            BMPCDT      20081219ADO  CP
46A AL HUNTSVILLE       USERRECORD01      APP

Percent new IX =      0.0000%

Result key:      48
Scenario      12  Affected station      11
Before Analysis

Results for: 46A AL MONTGOMERY      DTVPLN      DTVP1635      PLN
HAAT 308.0 m, ATV ERP 500.0 kW
      POPULATION      AREA (sq km)
within Noise Limited Contour      646392      22655.3
not affected by terrain losses      642857      22341.0
lost to NTSC IX      0      0.0
lost to additional IX by ATV      4305      540.0
lost to ATV IX only      4305      540.0
lost to all IX      4305      540.0

Potential Interfering Stations Included in above Scenario    12

46A GA THOMASVILLE      DTVPLN      DTVP1642      PLN
47A AL OPELIKA            DTVPLN      DTVP1665      PLN
46A AL HUNTSVILLE       DTVPLN      DTVP1634      PLN

After Analysis

Results for: 46A AL MONTGOMERY      DTVPLN      DTVP1635      PLN
HAAT 308.0 m, ATV ERP 500.0 kW
      POPULATION      AREA (sq km)
within Noise Limited Contour      646392      22655.3
not affected by terrain losses      642857      22341.0
lost to NTSC IX      0      0.0
lost to additional IX by ATV      4305      540.0
lost to ATV IX only      4305      540.0
lost to all IX      4305      540.0

Potential Interfering Stations Included in above Scenario    12

46A GA THOMASVILLE      DTVPLN      DTVP1642      PLN
47A AL OPELIKA            DTVPLN      DTVP1665      PLN
46A AL HUNTSVILLE       USERRECORD01      APP

Percent new IX =      0.0000%

Worst case new IX      0.0000% Scenario      1

#####

Analysis of Interference to Affected Station 12

Analysis of current record
Channel      Call      City/State      Application Ref. No.
46      WMCB-TV      MONTGOMERY AL      BLCDDT      -20060620ABX

Stations Potentially Affecting This Station

Chan      Call      City/State      Dist(km) Status      Application Ref. No.
45      WPXH      GADSDEN AL      167.3      LIC      BLCDDT      -20020510AAL
45      WPXH      GADSDEN AL      167.3      PLN      DTVPLN      -DTVP1599
46      WHNT-DR      HUNTSVILLE AL      261.4      APP      BPRM      -20080619ALW
46      WHNT-TV      HUNTSVILLE AL      261.4      PLN      DTVPLN      -DTVP1634
46      WCTV      THOMASVILLE GA      287.7      LIC      BLCDDT      -20050815AAA
46      WCTV      THOMASVILLE GA      287.7      PLN      DTVPLN      -DTVP1642
47      WLGA      OPELIKA AL      133.4      CP MOD      BMPCDT      -20081219ADO
47      WLGA      OPELIKA AL      132.3      PLN      DTVPLN      -DTVP1665
46      WHNT      HUNTSVILLE AL      261.4      APP      USERRECORD-01

Total scenarios =      12

Result key:      49

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Figure 3

Scenario 1 Affected station 12
Before Analysis

Results for: 46A AL MONTGOMERY BLCDT 20060620ABX LIC
HAAT 130.0 m, ATV ERP 500.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	518875	16520.5
not affected by terrain losses	515933	16157.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	3398	213.5
lost to ATV IX only	3398	213.5
lost to all IX	3398	213.5

Potential Interfering Stations Included in above Scenario 1

46A GA THOMASVILLE	BLCDT	20050815AAA	LIC
47A AL OPELIKA	BMPCDT	20081219ADO	CP
46A AL HUNTSVILLE	DTVPLN	DTVP1634	PLN

After Analysis

Results for: 46A AL MONTGOMERY BLCDT 20060620ABX LIC
HAAT 130.0 m, ATV ERP 500.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	518875	16520.5
not affected by terrain losses	515933	16157.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	3398	209.5
lost to ATV IX only	3398	209.5
lost to all IX	3398	209.5

Potential Interfering Stations Included in above Scenario 1

46A GA THOMASVILLE	BLCDT	20050815AAA	LIC
47A AL OPELIKA	BMPCDT	20081219ADO	CP
46A AL HUNTSVILLE	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 50

Scenario 2 Affected station 12
Before Analysis

Results for: 46A AL MONTGOMERY BLCDT 20060620ABX LIC
HAAT 130.0 m, ATV ERP 500.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	518875	16520.5
not affected by terrain losses	515933	16157.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	3395	209.5
lost to ATV IX only	3395	209.5
lost to all IX	3395	209.5

Potential Interfering Stations Included in above Scenario 2

46A GA THOMASVILLE	BLCDT	20050815AAA	LIC
47A AL OPELIKA	DTVPLN	DTVP1665	PLN
46A AL HUNTSVILLE	DTVPLN	DTVP1634	PLN

After Analysis

Results for: 46A AL MONTGOMERY BLCDT 20060620ABX LIC
HAAT 130.0 m, ATV ERP 500.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	518875	16520.5
not affected by terrain losses	515933	16157.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	3395	205.4
lost to ATV IX only	3395	205.4
lost to all IX	3395	205.4

Potential Interfering Stations Included in above Scenario 2

46A GA THOMASVILLE	BLCDT	20050815AAA	LIC
47A AL OPELIKA	DTVPLN	DTVP1665	PLN
46A AL HUNTSVILLE	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 51

Figure 3

Scenario 3 Affected station 12
Before Analysis

Results for: 46A AL MONTGOMERY BLC DT 20060620ABX LIC
HAAT 130.0 m, ATV ERP 500.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	518875	16520.5
not affected by terrain losses	515933	16157.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	3398	213.5
lost to ATV IX only	3398	213.5
lost to all IX	3398	213.5

Potential Interfering Stations Included in above Scenario 3

46A GA THOMASVILLE	DTVPLN	DTVP1642	PLN
47A AL OPELIKA	BMPCDT	20081219ADO	CP
46A AL HUNTSVILLE	DTVPLN	DTVP1634	PLN

After Analysis

Results for: 46A AL MONTGOMERY BLC DT 20060620ABX LIC
HAAT 130.0 m, ATV ERP 500.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	518875	16520.5
not affected by terrain losses	515933	16157.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	3398	209.5
lost to ATV IX only	3398	209.5
lost to all IX	3398	209.5

Potential Interfering Stations Included in above Scenario 3

46A GA THOMASVILLE	DTVPLN	DTVP1642	PLN
47A AL OPELIKA	BMPCDT	20081219ADO	CP
46A AL HUNTSVILLE	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 52

Scenario 4 Affected station 12
Before Analysis

Results for: 46A AL MONTGOMERY BLC DT 20060620ABX LIC
HAAT 130.0 m, ATV ERP 500.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	518875	16520.5
not affected by terrain losses	515933	16157.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	3395	209.5
lost to ATV IX only	3395	209.5
lost to all IX	3395	209.5

Potential Interfering Stations Included in above Scenario 4

46A GA THOMASVILLE	DTVPLN	DTVP1642	PLN
47A AL OPELIKA	DTVPLN	DTVP1665	PLN
46A AL HUNTSVILLE	DTVPLN	DTVP1634	PLN

After Analysis

Results for: 46A AL MONTGOMERY BLC DT 20060620ABX LIC
HAAT 130.0 m, ATV ERP 500.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	518875	16520.5
not affected by terrain losses	515933	16157.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	3395	205.4
lost to ATV IX only	3395	205.4
lost to all IX	3395	205.4

Potential Interfering Stations Included in above Scenario 4

46A GA THOMASVILLE	DTVPLN	DTVP1642	PLN
47A AL OPELIKA	DTVPLN	DTVP1665	PLN
46A AL HUNTSVILLE	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 53

Figure 3

Scenario 5 Affected station 12
Before Analysis

Results for: 46A AL MONTGOMERY BLCDT 20060620ABX LIC
HAAT 130.0 m, ATV ERP 500.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	518875	16520.5
not affected by terrain losses	515933	16157.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	3398	213.5
lost to ATV IX only	3398	213.5
lost to all IX	3398	213.5

Potential Interfering Stations Included in above Scenario 5

46A AL HUNTSVILLE	BPRM	20080619ALW	APP
46A GA THOMASVILLE	BLCDT	20050815AAA	LIC
47A AL OPELIKA	BMPCDT	20081219ADO	CP
46A AL HUNTSVILLE	DTVPLN	DTVP1634	PLN

After Analysis

Results for: 46A AL MONTGOMERY BLCDT 20060620ABX LIC
HAAT 130.0 m, ATV ERP 500.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	518875	16520.5
not affected by terrain losses	515933	16157.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	3398	209.5
lost to ATV IX only	3398	209.5
lost to all IX	3398	209.5

Potential Interfering Stations Included in above Scenario 5

46A AL HUNTSVILLE	BPRM	20080619ALW	APP
46A GA THOMASVILLE	BLCDT	20050815AAA	LIC
47A AL OPELIKA	BMPCDT	20081219ADO	CP
46A AL HUNTSVILLE	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 54

Scenario 6 Affected station 12
Before Analysis

Results for: 46A AL MONTGOMERY BLCDT 20060620ABX LIC
HAAT 130.0 m, ATV ERP 500.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	518875	16520.5
not affected by terrain losses	515933	16157.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	3395	209.5
lost to ATV IX only	3395	209.5
lost to all IX	3395	209.5

Potential Interfering Stations Included in above Scenario 6

46A AL HUNTSVILLE	BPRM	20080619ALW	APP
46A GA THOMASVILLE	BLCDT	20050815AAA	LIC
47A AL OPELIKA	DTVPLN	DTVP1665	PLN
46A AL HUNTSVILLE	DTVPLN	DTVP1634	PLN

After Analysis

Results for: 46A AL MONTGOMERY BLCDT 20060620ABX LIC
HAAT 130.0 m, ATV ERP 500.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	518875	16520.5
not affected by terrain losses	515933	16157.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	3395	205.4
lost to ATV IX only	3395	205.4
lost to all IX	3395	205.4

Potential Interfering Stations Included in above Scenario 6

46A AL HUNTSVILLE	BPRM	20080619ALW	APP
46A GA THOMASVILLE	BLCDT	20050815AAA	LIC
47A AL OPELIKA	DTVPLN	DTVP1665	PLN
46A AL HUNTSVILLE	USERRECORD01		APP

Figure 3

Percent new IX = 0.0000%

Result key: 55
Scenario 7 Affected station 12
Before Analysis

Results for: 46A AL MONTGOMERY BLCDT 20060620ABX LIC
HAAT 130.0 m, ATV ERP 500.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	518875	16520.5
not affected by terrain losses	515933	16157.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	3398	213.5
lost to ATV IX only	3398	213.5
lost to all IX	3398	213.5

Potential Interfering Stations Included in above Scenario 7

46A AL HUNTSVILLE	BPRM	20080619ALW	APP
46A GA THOMASVILLE	DTVPLN	DTVP1642	PLN
47A AL OPELIKA	BMPCDT	20081219ADO	CP
46A AL HUNTSVILLE	DTVPLN	DTVP1634	PLN

After Analysis

Results for: 46A AL MONTGOMERY BLCDT 20060620ABX LIC
HAAT 130.0 m, ATV ERP 500.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	518875	16520.5
not affected by terrain losses	515933	16157.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	3398	209.5
lost to ATV IX only	3398	209.5
lost to all IX	3398	209.5

Potential Interfering Stations Included in above Scenario 7

46A AL HUNTSVILLE	BPRM	20080619ALW	APP
46A GA THOMASVILLE	DTVPLN	DTVP1642	PLN
47A AL OPELIKA	BMPCDT	20081219ADO	CP
46A AL HUNTSVILLE	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 56
Scenario 8 Affected station 12
Before Analysis

Results for: 46A AL MONTGOMERY BLCDT 20060620ABX LIC
HAAT 130.0 m, ATV ERP 500.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	518875	16520.5
not affected by terrain losses	515933	16157.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	3395	209.5
lost to ATV IX only	3395	209.5
lost to all IX	3395	209.5

Potential Interfering Stations Included in above Scenario 8

46A AL HUNTSVILLE	BPRM	20080619ALW	APP
46A GA THOMASVILLE	DTVPLN	DTVP1642	PLN
47A AL OPELIKA	DTVPLN	DTVP1665	PLN
46A AL HUNTSVILLE	DTVPLN	DTVP1634	PLN

After Analysis

Results for: 46A AL MONTGOMERY BLCDT 20060620ABX LIC
HAAT 130.0 m, ATV ERP 500.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	518875	16520.5
not affected by terrain losses	515933	16157.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	3395	205.4
lost to ATV IX only	3395	205.4
lost to all IX	3395	205.4

Potential Interfering Stations Included in above Scenario 8

Figure 3

```

46A AL HUNTSVILLE      BPRM      20080619ALW  APP
46A GA THOMASVILLE    DTVPLN    DTVPL1642    PLN
47A AL OPELIKA          DTVPLN    DTVPL1665    PLN
46A AL HUNTSVILLE      USERRECORD01  APP

Percent new IX =      0.0000%

Result key:      57
Scenario      9  Affected station      12
Before Analysis

Results for: 46A AL MONTGOMERY      BLCDDT      20060620ABX  LIC
HAAT 130.0 m, ATV ERP 500.0 kW
      POPULATION      AREA (sq km)
within Noise Limited Contour      518875      16520.5
not affected by terrain losses      515933      16157.9
lost to NTSC IX      0      0.0
lost to additional IX by ATV      3398      213.5
lost to ATV IX only      3398      213.5
lost to all IX      3398      213.5

Potential Interfering Stations Included in above Scenario      9

46A GA THOMASVILLE      BLCDDT      20050815AAA  LIC
47A AL OPELIKA      BMPCDDT      20081219ADO  CP
46A AL HUNTSVILLE      DTVPLN    DTVPL1634    PLN

After Analysis

Results for: 46A AL MONTGOMERY      BLCDDT      20060620ABX  LIC
HAAT 130.0 m, ATV ERP 500.0 kW
      POPULATION      AREA (sq km)
within Noise Limited Contour      518875      16520.5
not affected by terrain losses      515933      16157.9
lost to NTSC IX      0      0.0
lost to additional IX by ATV      3398      209.5
lost to ATV IX only      3398      209.5
lost to all IX      3398      209.5

Potential Interfering Stations Included in above Scenario      9

46A GA THOMASVILLE      BLCDDT      20050815AAA  LIC
47A AL OPELIKA      BMPCDDT      20081219ADO  CP
46A AL HUNTSVILLE      USERRECORD01  APP

Percent new IX =      0.0000%

Result key:      58
Scenario      10 Affected station      12
Before Analysis

Results for: 46A AL MONTGOMERY      BLCDDT      20060620ABX  LIC
HAAT 130.0 m, ATV ERP 500.0 kW
      POPULATION      AREA (sq km)
within Noise Limited Contour      518875      16520.5
not affected by terrain losses      515933      16157.9
lost to NTSC IX      0      0.0
lost to additional IX by ATV      3395      209.5
lost to ATV IX only      3395      209.5
lost to all IX      3395      209.5

Potential Interfering Stations Included in above Scenario      10

46A GA THOMASVILLE      BLCDDT      20050815AAA  LIC
47A AL OPELIKA      DTVPLN    DTVPL1665    PLN
46A AL HUNTSVILLE      DTVPLN    DTVPL1634    PLN

After Analysis

Results for: 46A AL MONTGOMERY      BLCDDT      20060620ABX  LIC
HAAT 130.0 m, ATV ERP 500.0 kW
      POPULATION      AREA (sq km)
within Noise Limited Contour      518875      16520.5
not affected by terrain losses      515933      16157.9
lost to NTSC IX      0      0.0
lost to additional IX by ATV      3395      205.4
lost to ATV IX only      3395      205.4
lost to all IX      3395      205.4

Potential Interfering Stations Included in above Scenario      10

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Figure 3

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46A GA THOMASVILLE      BLCDT      20050815AAA  LIC
47A AL OPELIKA            DTVPLN      DTVPL665    PLN
46A AL HUNTSVILLE       USERRECORD01  APP

Percent new IX =      0.0000%

Result key:      59
Scenario      11  Affected station      12
Before Analysis

Results for: 46A AL MONTGOMERY      BLCDT      20060620ABX  LIC
HAAT  130.0 m, ATV ERP  500.0 kW
      POPULATION      AREA (sq km)
within Noise Limited Contour      518875      16520.5
not affected by terrain losses      515933      16157.9
lost to NTSC IX      0      0.0
lost to additional IX by ATV      3398      213.5
lost to ATV IX only      3398      213.5
lost to all IX      3398      213.5

Potential Interfering Stations Included in above Scenario      11

46A GA THOMASVILLE      DTVPLN      DTVPL642    PLN
47A AL OPELIKA            BMPCDT      20081219ADO  CP
46A AL HUNTSVILLE       DTVPLN      DTVPL634    PLN

After Analysis

Results for: 46A AL MONTGOMERY      BLCDT      20060620ABX  LIC
HAAT  130.0 m, ATV ERP  500.0 kW
      POPULATION      AREA (sq km)
within Noise Limited Contour      518875      16520.5
not affected by terrain losses      515933      16157.9
lost to NTSC IX      0      0.0
lost to additional IX by ATV      3398      209.5
lost to ATV IX only      3398      209.5
lost to all IX      3398      209.5

Potential Interfering Stations Included in above Scenario      11

46A GA THOMASVILLE      DTVPLN      DTVPL642    PLN
47A AL OPELIKA            BMPCDT      20081219ADO  CP
46A AL HUNTSVILLE       USERRECORD01  APP

Percent new IX =      0.0000%

Result key:      60
Scenario      12  Affected station      12
Before Analysis

Results for: 46A AL MONTGOMERY      BLCDT      20060620ABX  LIC
HAAT  130.0 m, ATV ERP  500.0 kW
      POPULATION      AREA (sq km)
within Noise Limited Contour      518875      16520.5
not affected by terrain losses      515933      16157.9
lost to NTSC IX      0      0.0
lost to additional IX by ATV      3395      209.5
lost to ATV IX only      3395      209.5
lost to all IX      3395      209.5

Potential Interfering Stations Included in above Scenario      12

46A GA THOMASVILLE      DTVPLN      DTVPL642    PLN
47A AL OPELIKA            DTVPLN      DTVPL665    PLN
46A AL HUNTSVILLE       DTVPLN      DTVPL634    PLN

After Analysis

Results for: 46A AL MONTGOMERY      BLCDT      20060620ABX  LIC
HAAT  130.0 m, ATV ERP  500.0 kW
      POPULATION      AREA (sq km)
within Noise Limited Contour      518875      16520.5
not affected by terrain losses      515933      16157.9
lost to NTSC IX      0      0.0
lost to additional IX by ATV      3395      205.4
lost to ATV IX only      3395      205.4
lost to all IX      3395      205.4

Potential Interfering Stations Included in above Scenario      12

```

Figure 3

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46A GA THOMASVILLE      DTVPLN      DTVPL1642      PLN
47A AL OPELIKA            DTVPLN      DTVPL1665      PLN
46A AL HUNTSVILLE        USERRECORD01      APP

```

Percent new IX = 0.0000%

Worst case new IX 0.0000% Scenario 1

#####

Analysis of Interference to Affected Station 13

Analysis of current record

Channel	Call	City/State	Application Ref. No.
46	WNDA-CA	CLARKSVILLE IN	BDISDTA -20081203AEG

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
45	WEVV	EVANSVILLE IN	159.1	LIC	BLCDDT -20080404ACD
45	WEVV	EVANSVILLE IN	159.1	PLN	DTVPLN -DTVP1610
45	WXIN	INDIANAPOLIS IN	171.9	LIC	BLCDDT -20031003ABM
45	WXIN	INDIANAPOLIS IN	171.9	PLN	DTVPLN -DTVP1611
46	WHNT-DR	HUNTSVILLE AL	408.4	APP	BPRM -20080619ALW
46	WHNT-TV	HUNTSVILLE AL	408.4	PLN	DTVPLN -DTVP1634
46	WTVP	PEORIA IL	407.4	LIC	BLEDT -20040105ACV
46	WTVP	PEORIA IL	407.4	PLN	DTVPLN -DTVP1643
46	WFIE	EVANSVILLE IN	157.1	LIC	BLCDDT -20050916ACR
46	WFIE	EVANSVILLE IN	157.1	PLN	DTVPLN -DTVP1644
46	WFIE	EVANSVILLE IN	157.1	CP	BPCDDT -20080620AGW
46	WHME-DR	SOUTH BEND IN	359.7	APP	BPRM -20080619AET
46	WWHO	CHILLICOTHE OH	271.1	LIC	BLCDDT -20021025AAA
46	WWHO	CHILLICOTHE OH	271.1	PLN	DTVPLN -DTVP1651
46	WUPW	TOLEDO OH	417.9	APP	BPCDDT -20080619AJB
46	WUPW	TOLEDO OH	417.9	PLN	DTVPLN -DTVP1652
46	WUPW	TOLEDO OH	417.9	LIC	BLCDDT -20030411AAF
46	WVVA	BLUEFIELD WV	426.4	CP MOD	BMPCDDT -20060707ABJ
46	WVVA	BLUEFIELD WV	426.4	PLN	DTVPLN -DTVP1664
47	WAVE	LOUISVILLE KY	0.1	LIC	BLCDDT -20030306ABQ
47	WAVE	LOUISVILLE KY	0.1	PLN	DTVPLN -DTVP1674
46	WHNT	HUNTSVILLE AL	408.4	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 14

Analysis of current record

Channel	Call	City/State	Application Ref. No.
46	WFIE	EVANSVILLE IN	BLCDDT -20050916ACR

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
45	WEVV	EVANSVILLE IN	2.2	LIC	BLCDDT -20080404ACD
45	WEVV	EVANSVILLE IN	2.2	PLN	DTVPLN -DTVP1610
46	WHNT-DR	HUNTSVILLE AL	360.9	APP	BPRM -20080619ALW
46	WHNT-TV	HUNTSVILLE AL	360.9	PLN	DTVPLN -DTVP1634
46	WTVP	PEORIA IL	352.2	LIC	BLEDT -20040105ACV
46	WTVP	PEORIA IL	352.2	PLN	DTVPLN -DTVP1643
46	WHME-DR	SOUTH BEND IN	428.2	APP	BPRM -20080619AET
46	WWHO	CHILLICOTHE OH	426.2	LIC	BLCDDT -20021025AAA
46	WWHO	CHILLICOTHE OH	426.2	PLN	DTVPLN -DTVP1651
47	WAVE	LOUISVILLE KY	157.0	LIC	BLCDDT -20030306ABQ
47	WAVE	LOUISVILLE KY	157.0	PLN	DTVPLN -DTVP1674
46	WHNT	HUNTSVILLE AL	360.9	APP	USERRECORD-01

Proposal causes no interference

#####

Analysis of Interference to Affected Station 15

Figure 3

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
46	WFIE	EVANSVILLE IN	DTVPLN	-DTVP1644

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
45	WEVV	EVANSVILLE IN	2.2	LIC	BLCDDT	-20080404ACD
45	WEVV	EVANSVILLE IN	2.2	PLN	DTVPLN	-DTVP1610
46	WHNT-DR	HUNTSVILLE AL	360.9	APP	BPRM	-20080619ALW
46	WHNT-TV	HUNTSVILLE AL	360.9	PLN	DTVPLN	-DTVP1634
46	WTVP	PEORIA IL	352.2	LIC	BLEDT	-20040105ACV
46	WTVP	PEORIA IL	352.2	PLN	DTVPLN	-DTVP1643
46	WHME-DR	SOUTH BEND IN	428.2	APP	BPRM	-20080619AET
46	WWHO	CHILLICOTHE OH	426.2	LIC	BLCDDT	-20021025AAA
46	WWHO	CHILLICOTHE OH	426.2	PLN	DTVPLN	-DTVP1651
47	WAVE	LOUISVILLE KY	157.0	LIC	BLCDDT	-20030306ABQ
47	WAVE	LOUISVILLE KY	157.0	PLN	DTVPLN	-DTVP1674
46	WHNT	HUNTSVILLE AL	360.9	APP	USERRECORD-01	

Proposal causes no interference

#####

Analysis of Interference to Affected Station 16

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
46	WFIE	EVANSVILLE IN	BPCDDT	-20080620AGW

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
45	WEVV	EVANSVILLE IN	2.2	LIC	BLCDDT	-20080404ACD
45	WEVV	EVANSVILLE IN	2.2	PLN	DTVPLN	-DTVP1610
46	WHNT-DR	HUNTSVILLE AL	360.9	APP	BPRM	-20080619ALW
46	WHNT-TV	HUNTSVILLE AL	360.9	PLN	DTVPLN	-DTVP1634
46	WTVP	PEORIA IL	352.2	LIC	BLEDT	-20040105ACV
46	WTVP	PEORIA IL	352.2	PLN	DTVPLN	-DTVP1643
46	WHME-DR	SOUTH BEND IN	428.2	APP	BPRM	-20080619AET
46	WWHO	CHILLICOTHE OH	426.2	LIC	BLCDDT	-20021025AAA
46	WWHO	CHILLICOTHE OH	426.2	PLN	DTVPLN	-DTVP1651
47	WAVE	LOUISVILLE KY	157.0	LIC	BLCDDT	-20030306ABQ
47	WAVE	LOUISVILLE KY	157.0	PLN	DTVPLN	-DTVP1674
46	WHNT	HUNTSVILLE AL	360.9	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	WLJT	LEXINGTON TN	BMPEDT	-20020426AAH

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
46	WHNT-TV	HUNTSVILLE AL	216.4	PLN	DTVPLN	-DTVP1634
47	WRBU	EAST ST. LOUIS IL	342.1	LIC	BLCDDT	-20020510ABC
47	WRBU	EAST ST. LOUIS IL	342.1	PLN	DTVPLN	-DTVP1673
47	WRBU	EAST ST. LOUIS IL	342.1	CP	BPCDDT	-20080620AGT
47	WAVE	LOUISVILLE KY	385.1	LIC	BLCDDT	-20030306ABQ
47	WAVE	LOUISVILLE KY	385.1	PLN	DTVPLN	-DTVP1674
48	WAFF	HUNTSVILLE AL	217.8	CP	BPCDDT	-20081216BKI
48	WAFF	HUNTSVILLE AL	217.8	PLN	DTVPLN	-DTVP1695
48	WAFF-DR	HUNTSVILLE AL	217.8	APP	BPRM	-20080620AEO
48	KVTJ	JONESBORO AR	173.7	CP	BPCDDT	-20080318ABM
48	KVTJ	JONESBORO AR	173.7	PLN	DTVPLN	-DTVP1697
46	WHNT	HUNTSVILLE AL	216.4	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

#####

Figure 3

Analysis of Interference to Affected Station 18

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
47	WLJT	LEXINGTON TN	DTVPLN	-DTVP1692

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
46	WHNT-TV	HUNTSVILLE AL	216.4	PLN	DTVPLN	-DTVP1634
47	WRBU	EAST ST. LOUIS IL	342.1	LIC	BLCDDT	-20020510ABC
47	WRBU	EAST ST. LOUIS IL	342.1	PLN	DTVPLN	-DTVP1673
47	WRBU	EAST ST. LOUIS IL	342.1	CP	BPCDDT	-20080620AGT
47	WAVE	LOUISVILLE KY	385.1	LIC	BLCDDT	-20030306ABQ
47	WAVE	LOUISVILLE KY	385.1	PLN	DTVPLN	-DTVP1674
48	WAFF	HUNTSVILLE AL	217.8	CP	BPCDDT	-20081216BKI
48	WAFF	HUNTSVILLE AL	217.8	PLN	DTVPLN	-DTVP1695
48	WAFF-DR	HUNTSVILLE AL	217.8	APP	BPRM	-20080620AOO
48	KVTJ	JONESBORO AR	173.7	CP	BPCDDT	-20080318ABM
48	KVTJ	JONESBORO AR	173.7	PLN	DTVPLN	-DTVP1697
46	WHNT	HUNTSVILLE AL	216.4	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 19

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	CP	BPCDDT	-20080619AJV
41	WZDX	HUNTSVILLE AL	141.6	PLN	DTVPLN	-DTVP1457
42	WIAT	BIRMINGHAM AL	0.4	LIC	BLCT	-19961001UP
45	WPXH	GADSDEN AL	55.1	LIC	BLCDDT	-20020510AAL
45	WPXH	GADSDEN AL	55.1	PLN	DTVPLN	-DTVP1599
46	WHNT-DR	HUNTSVILLE AL	141.8	APP	BPRM	-20080619ALW
46	WHNT-TV	HUNTSVILLE AL	141.8	PLN	DTVPLN	-DTVP1634
46	WMCN-TV	MONTGOMERY AL	133.0	CP	BPCDDT	-20080616ADZ
46	WMCN-TV	MONTGOMERY AL	133.0	PLN	DTVPLN	-DTVP1635
46	WMCN-TV	MONTGOMERY AL	133.0	LIC	BLCDDT	-20060620ABX
49	WAWD	FORT WALTON BEACH FL	336.8	APP	BMPCDDT	-20080624ACF
49	WAWD	FORT WALTON BEACH FL	344.5	PLN	DTVPLN	-DTVP1735
49	WAWD	FT. WALTON BEACH FL	344.3	CP	BPCDDT	-19991105AAL
49	WXTX	COLUMBUS GA	213.0	LIC	BLCDDT	-20060630ACY
49	WXTX	COLUMBUS GA	213.0	PLN	DTVPLN	-DTVP1737
49	NEW	TUPELO MS	169.2	LIC	BPRM	-20000717AER
49	960920LX	TUPELO MS	169.2	APP	BMPCDDT	-20090205ABM
50	WBRC	BIRMINGHAM AL	1.1	LIC	BLCDDT	-20050825ADM
50	WBRC	BIRMINGHAM AL	1.1	PLN	DTVPLN	-DTVP1760
50	WBRC	BIRMINGHAM AL	1.1	CP	BPCDDT	-20080314ACG
46	WHNT	HUNTSVILLE AL	141.8	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.
49	WDNN-CA	DALTON GA	BLTTL	-20020319ABG

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
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Figure 3

41	WZDX	HUNTSVILLE AL	138.4	CP	BPCDT	-20080619AJV
41	WZDX	HUNTSVILLE AL	138.4	PLN	DTVPLN	-DTVP1457
41	WATC	ATLANTA GA	90.3	APP	BPEDT	-20080619AIR
41	WATC	ATLANTA GA	90.3	PLN	DTVPLN	-DTVP1463
41	WATC	ATLANTA GA	90.3	LIC	BLEDT	-20070912AAT
42	WFLI-TV	CLEVELAND TN	58.0	LIC	BLCDDT	-20050808AGH
42	WFLI-TV	CLEVELAND TN	58.0	PLN	DTVPLN	-DTVP1515
46	WHNT-DR	HUNTSVILLE AL	138.4	APP	BPRM	-20080619ALW
46	WHNT-TV	HUNTSVILLE AL	138.4	PLN	DTVPLN	-DTVP1634
48	WUVG-TV	ATHENS GA	120.3	LIC	BLCDDT	-20030805AJO
48	WUVG-TV	ATHENS GA	120.3	PLN	DTVPLN	-DTVP1706
49	W49AD	CARROLLTON GA	130.0	LIC	BLTT	-20021204AAL
49	WXTX	COLUMBUS GA	252.9	LIC	BLCDDT	-20060630ACY
49	WXTX	COLUMBUS GA	252.9	PLN	DTVPLN	-DTVP1737
49	W49DE	MARIETTA GA	90.4	LIC	BLTT	-20071127AGO
49	NEW	TUPELO MS	337.3	LIC	BPRM	-20000717AER
49	960920LX	TUPELO MS	337.3	APP	BMPCDDT	-20090205ABM
49	WLFG	GRUNDY VA	352.8	CP	BPCDDT	-19991029AGK
49	WLFG	GRUNDY VA	352.8	PLN	DTVPLN	-DTVP1755
51	WPXA	ROME GA	57.6	LIC	BLCDDT	-20020510AAN
51	WPXA	ROME GA	57.6	PLN	DTVPLN	-DTVP1794
63	WHSB-TV	MONROE GA	144.5	LIC	BLCT	-19910304KF
64	960723LD	TULLAHOMA TN	91.7	APP	BPCT	-19960723LD
46	WHNT	HUNTSVILLE AL	138.4	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 21

Analysis of current record

Channel	Call	City/State	Application Ref. No.
46	WHNT	HUNTSVILLE AL	USERRECORD-01

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
45	WPXH	GADSDEN AL	94.4	LIC	BLCDDT -20020510AAL
45	WPXH	GADSDEN AL	94.4	PLN	DTVPLN -DTVP1599
46	WMCB-TV	MONTGOMERY AL	261.4	CP	BPCDDT -20080616ADZ
46	WMCB-TV	MONTGOMERY AL	261.4	PLN	DTVPLN -DTVP1635
46	WMCB-TV	MONTGOMERY AL	261.4	LIC	BLCDDT -20060620ABX
46	WFIE	EVANSVILLE IN	360.9	LIC	BLCDDT -20050916ACR
46	WFIE	EVANSVILLE IN	360.9	PLN	DTVPLN -DTVP1644
46	WFIE	EVANSVILLE IN	360.9	CP	BPCDDT -20080620AGW
47	WLJT	LEXINGTON TN	216.4	CP MOD	BMPEDT -20020426AAH
47	WLJT	LEXINGTON TN	216.4	PLN	DTVPLN -DTVP1692

Total scenarios = 18

Result key: 61
Scenario 1 Affected station 21
Before Analysis

Results for: 46A AL HUNTSVILLE USERRECORD01 APP

HAAT 528.0 m, ATV ERP 800.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1432643	35952.7
not affected by terrain losses	1336048	33519.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	21420	546.9
lost to ATV IX only	21420	546.9
lost to all IX	21420	546.9

Potential Interfering Stations Included in above Scenario 1

45A AL	GADSDEN	BLCDDT	20020510AAL	LIC
46A AL	MONTGOMERY	BPCDDT	20080616ADZ	CP
46A IN	EVANSVILLE	BLCDDT	20050916ACR	LIC

Result key: 62
Scenario 2 Affected station 21
Before Analysis

Results for: 46A AL HUNTSVILLE USERRECORD01 APP

Figure 3

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HAAT 528.0 m, ATV ERP 800.0 kW
      POPULATION  AREA (sq km)
within Noise Limited Contour 1432643 35952.7
not affected by terrain losses 1336048 33519.7
lost to NTSC IX 0 0.0
lost to additional IX by ATV 21420 546.9
lost to ATV IX only 21420 546.9
lost to all IX 21420 546.9

Potential Interfering Stations Included in above Scenario 2

45A AL GADSDEN BLCDT 20020510AAL LIC
46A AL MONTGOMERY BPCDT 20080616ADZ CP
46A IN EVANSVILLE DTVPLN DTVPL1644 PLN

Result key: 63
Scenario 3 Affected station 21
Before Analysis

Results for: 46A AL HUNTSVILLE USERRECORD01 APP
HAAT 528.0 m, ATV ERP 800.0 kW
      POPULATION  AREA (sq km)
within Noise Limited Contour 1432643 35952.7
not affected by terrain losses 1336048 33519.7
lost to NTSC IX 0 0.0
lost to additional IX by ATV 24502 559.0
lost to ATV IX only 24502 559.0
lost to all IX 24502 559.0

Potential Interfering Stations Included in above Scenario 3

45A AL GADSDEN BLCDT 20020510AAL LIC
46A AL MONTGOMERY BPCDT 20080616ADZ CP
46A IN EVANSVILLE BPCDT 20080620AGW CP

Result key: 64
Scenario 4 Affected station 21
Before Analysis

Results for: 46A AL HUNTSVILLE USERRECORD01 APP
HAAT 528.0 m, ATV ERP 800.0 kW
      POPULATION  AREA (sq km)
within Noise Limited Contour 1432643 35952.7
not affected by terrain losses 1336048 33519.7
lost to NTSC IX 0 0.0
lost to additional IX by ATV 19980 498.7
lost to ATV IX only 19980 498.7
lost to all IX 19980 498.7

Potential Interfering Stations Included in above Scenario 4

45A AL GADSDEN BLCDT 20020510AAL LIC
46A AL MONTGOMERY DTVPLN DTVPL1635 PLN
46A IN EVANSVILLE BLCDT 20050916ACR LIC

Result key: 65
Scenario 5 Affected station 21
Before Analysis

Results for: 46A AL HUNTSVILLE USERRECORD01 APP
HAAT 528.0 m, ATV ERP 800.0 kW
      POPULATION  AREA (sq km)
within Noise Limited Contour 1432643 35952.7
not affected by terrain losses 1336048 33519.7
lost to NTSC IX 0 0.0
lost to additional IX by ATV 19980 498.7
lost to ATV IX only 19980 498.7
lost to all IX 19980 498.7

Potential Interfering Stations Included in above Scenario 5

45A AL GADSDEN BLCDT 20020510AAL LIC
46A AL MONTGOMERY DTVPLN DTVPL1635 PLN
46A IN EVANSVILLE DTVPLN DTVPL1644 PLN

Result key: 66
Scenario 6 Affected station 21
Before Analysis

Results for: 46A AL HUNTSVILLE USERRECORD01 APP

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Figure 3

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HAAT 528.0 m, ATV ERP 800.0 kW
      POPULATION  AREA (sq km)
within Noise Limited Contour 1432643 35952.7
not affected by terrain losses 1336048 33519.7
lost to NTSC IX 0 0.0
lost to additional IX by ATV 23062 510.7
lost to ATV IX only 23062 510.7
lost to all IX 23062 510.7

Potential Interfering Stations Included in above Scenario 6

45A AL GADSDEN BLCDT 20020510AAL LIC
46A AL MONTGOMERY DTVPLN DTVPLN1635 PLN
46A IN EVANSVILLE BPCDT 20080620AGW CP

Result key: 67
Scenario 7 Affected station 21
Before Analysis

Results for: 46A AL HUNTSVILLE USERRECORD01 APP
HAAT 528.0 m, ATV ERP 800.0 kW
      POPULATION  AREA (sq km)
within Noise Limited Contour 1432643 35952.7
not affected by terrain losses 1336048 33519.7
lost to NTSC IX 0 0.0
lost to additional IX by ATV 25150 603.2
lost to ATV IX only 25150 603.2
lost to all IX 25150 603.2

Potential Interfering Stations Included in above Scenario 7

45A AL GADSDEN BLCDT 20020510AAL LIC
46A AL MONTGOMERY BLCDT 20060620ABX LIC
46A IN EVANSVILLE BLCDT 20050916ACR LIC

Result key: 68
Scenario 8 Affected station 21
Before Analysis

Results for: 46A AL HUNTSVILLE USERRECORD01 APP
HAAT 528.0 m, ATV ERP 800.0 kW
      POPULATION  AREA (sq km)
within Noise Limited Contour 1432643 35952.7
not affected by terrain losses 1336048 33519.7
lost to NTSC IX 0 0.0
lost to additional IX by ATV 25150 603.2
lost to ATV IX only 25150 603.2
lost to all IX 25150 603.2

Potential Interfering Stations Included in above Scenario 8

45A AL GADSDEN BLCDT 20020510AAL LIC
46A AL MONTGOMERY BLCDT 20060620ABX LIC
46A IN EVANSVILLE DTVPLN DTVPLN1644 PLN

Result key: 69
Scenario 9 Affected station 21
Before Analysis

Results for: 46A AL HUNTSVILLE USERRECORD01 APP
HAAT 528.0 m, ATV ERP 800.0 kW
      POPULATION  AREA (sq km)
within Noise Limited Contour 1432643 35952.7
not affected by terrain losses 1336048 33519.7
lost to NTSC IX 0 0.0
lost to additional IX by ATV 28232 615.3
lost to ATV IX only 28232 615.3
lost to all IX 28232 615.3

Potential Interfering Stations Included in above Scenario 9

45A AL GADSDEN BLCDT 20020510AAL LIC
46A AL MONTGOMERY BLCDT 20060620ABX LIC
46A IN EVANSVILLE BPCDT 20080620AGW CP

Result key: 70
Scenario 10 Affected station 21
Before Analysis

Results for: 46A AL HUNTSVILLE USERRECORD01 APP

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Figure 3

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HAAT  528.0 m, ATV ERP  800.0 kW
      POPULATION  AREA (sq km)
within Noise Limited Contour  1432643  35952.7
not affected by terrain losses  1336048  33519.7
lost to NTSC IX                0        0.0
lost to additional IX by ATV   21420    546.9
lost to ATV IX only           21420    546.9
lost to all IX                21420    546.9

Potential Interfering Stations Included in above Scenario  10

45A AL GADSDEN      DTVPLN  DTVP1599  PLN
46A AL MONTGOMERY   BPCDT   20080616ADZ  CP
46A IN EVANSVILLE BLCDT   20050916ACR  LIC

Result key:      71
Scenario      11 Affected station      21
Before Analysis

Results for: 46A AL HUNTSVILLE      USERRECORD01      APP
HAAT  528.0 m, ATV ERP  800.0 kW
      POPULATION  AREA (sq km)
within Noise Limited Contour  1432643  35952.7
not affected by terrain losses  1336048  33519.7
lost to NTSC IX                0        0.0
lost to additional IX by ATV   21420    546.9
lost to ATV IX only           21420    546.9
lost to all IX                21420    546.9

Potential Interfering Stations Included in above Scenario  11

45A AL GADSDEN      DTVPLN  DTVP1599  PLN
46A AL MONTGOMERY   BPCDT   20080616ADZ  CP
46A IN EVANSVILLE DTVPLN  DTVP1644  PLN

Result key:      72
Scenario      12 Affected station      21
Before Analysis

Results for: 46A AL HUNTSVILLE      USERRECORD01      APP
HAAT  528.0 m, ATV ERP  800.0 kW
      POPULATION  AREA (sq km)
within Noise Limited Contour  1432643  35952.7
not affected by terrain losses  1336048  33519.7
lost to NTSC IX                0        0.0
lost to additional IX by ATV   24502    559.0
lost to ATV IX only           24502    559.0
lost to all IX                24502    559.0

Potential Interfering Stations Included in above Scenario  12

45A AL GADSDEN      DTVPLN  DTVP1599  PLN
46A AL MONTGOMERY   BPCDT   20080616ADZ  CP
46A IN EVANSVILLE BPCDT   20080620AGW  CP

Result key:      73
Scenario      13 Affected station      21
Before Analysis

Results for: 46A AL HUNTSVILLE      USERRECORD01      APP
HAAT  528.0 m, ATV ERP  800.0 kW
      POPULATION  AREA (sq km)
within Noise Limited Contour  1432643  35952.7
not affected by terrain losses  1336048  33519.7
lost to NTSC IX                0        0.0
lost to additional IX by ATV   19980    498.7
lost to ATV IX only           19980    498.7
lost to all IX                19980    498.7

Potential Interfering Stations Included in above Scenario  13

45A AL GADSDEN      DTVPLN  DTVP1599  PLN
46A AL MONTGOMERY   DTVPLN  DTVP1635  PLN
46A IN EVANSVILLE BLCDT   20050916ACR  LIC

Result key:      74
Scenario      14 Affected station      21
Before Analysis

Results for: 46A AL HUNTSVILLE      USERRECORD01      APP

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Figure 3

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HAAT 528.0 m, ATV ERP 800.0 kW
      POPULATION  AREA (sq km)
within Noise Limited Contour 1432643 35952.7
not affected by terrain losses 1336048 33519.7
lost to NTSC IX 0 0.0
lost to additional IX by ATV 19980 498.7
lost to ATV IX only 19980 498.7
lost to all IX 19980 498.7

Potential Interfering Stations Included in above Scenario 14

45A AL GADSDEN DTVPLN DTVP1599 PLN
46A AL MONTGOMERY DTVPLN DTVP1635 PLN
46A IN EVANSVILLE DTVPLN DTVP1644 PLN

Result key: 75
Scenario 15 Affected station 21
Before Analysis

Results for: 46A AL HUNTSVILLE USERRECORD01 APP
HAAT 528.0 m, ATV ERP 800.0 kW
      POPULATION  AREA (sq km)
within Noise Limited Contour 1432643 35952.7
not affected by terrain losses 1336048 33519.7
lost to NTSC IX 0 0.0
lost to additional IX by ATV 23062 510.7
lost to ATV IX only 23062 510.7
lost to all IX 23062 510.7

Potential Interfering Stations Included in above Scenario 15

45A AL GADSDEN DTVPLN DTVP1599 PLN
46A AL MONTGOMERY DTVPLN DTVP1635 PLN
46A IN EVANSVILLE BPCDT 20080620AGW CP

Result key: 76
Scenario 16 Affected station 21
Before Analysis

Results for: 46A AL HUNTSVILLE USERRECORD01 APP
HAAT 528.0 m, ATV ERP 800.0 kW
      POPULATION  AREA (sq km)
within Noise Limited Contour 1432643 35952.7
not affected by terrain losses 1336048 33519.7
lost to NTSC IX 0 0.0
lost to additional IX by ATV 25150 603.2
lost to ATV IX only 25150 603.2
lost to all IX 25150 603.2

Potential Interfering Stations Included in above Scenario 16

45A AL GADSDEN DTVPLN DTVP1599 PLN
46A AL MONTGOMERY BLCDT 20060620ABX LIC
46A IN EVANSVILLE BLCDT 20050916ACR LIC

Result key: 77
Scenario 17 Affected station 21
Before Analysis

Results for: 46A AL HUNTSVILLE USERRECORD01 APP
HAAT 528.0 m, ATV ERP 800.0 kW
      POPULATION  AREA (sq km)
within Noise Limited Contour 1432643 35952.7
not affected by terrain losses 1336048 33519.7
lost to NTSC IX 0 0.0
lost to additional IX by ATV 25150 603.2
lost to ATV IX only 25150 603.2
lost to all IX 25150 603.2

Potential Interfering Stations Included in above Scenario 17

45A AL GADSDEN DTVPLN DTVP1599 PLN
46A AL MONTGOMERY BLCDT 20060620ABX LIC
46A IN EVANSVILLE DTVPLN DTVP1644 PLN

Result key: 78
Scenario 18 Affected station 21
Before Analysis

Results for: 46A AL HUNTSVILLE USERRECORD01 APP

```

Figure 3

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HAAT  528.0 m, ATV ERP  800.0 kW
                                POPULATION  AREA (sq km)
within Noise Limited Contour    1432643    35952.7
not affected by terrain losses  1336048    33519.7
lost to NTSC IX                  0         0.0
lost to additional IX by ATV    28232     615.3
lost to ATV IX only             28232     615.3
lost to all IX                  28232     615.3

Potential Interfering Stations Included in above Scenario    18

45A AL GADSDEN                DTVPLN    DTVP1599    PLN
46A AL MONTGOMERY              BLCDT     20060620ABX  LIC
46A IN EVANSVILLE            BPCDT     20080620AGW  CP

#####

FINISHED FINISHED FINISHED FINISHED FINISHED FINISHED
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APPENDIX

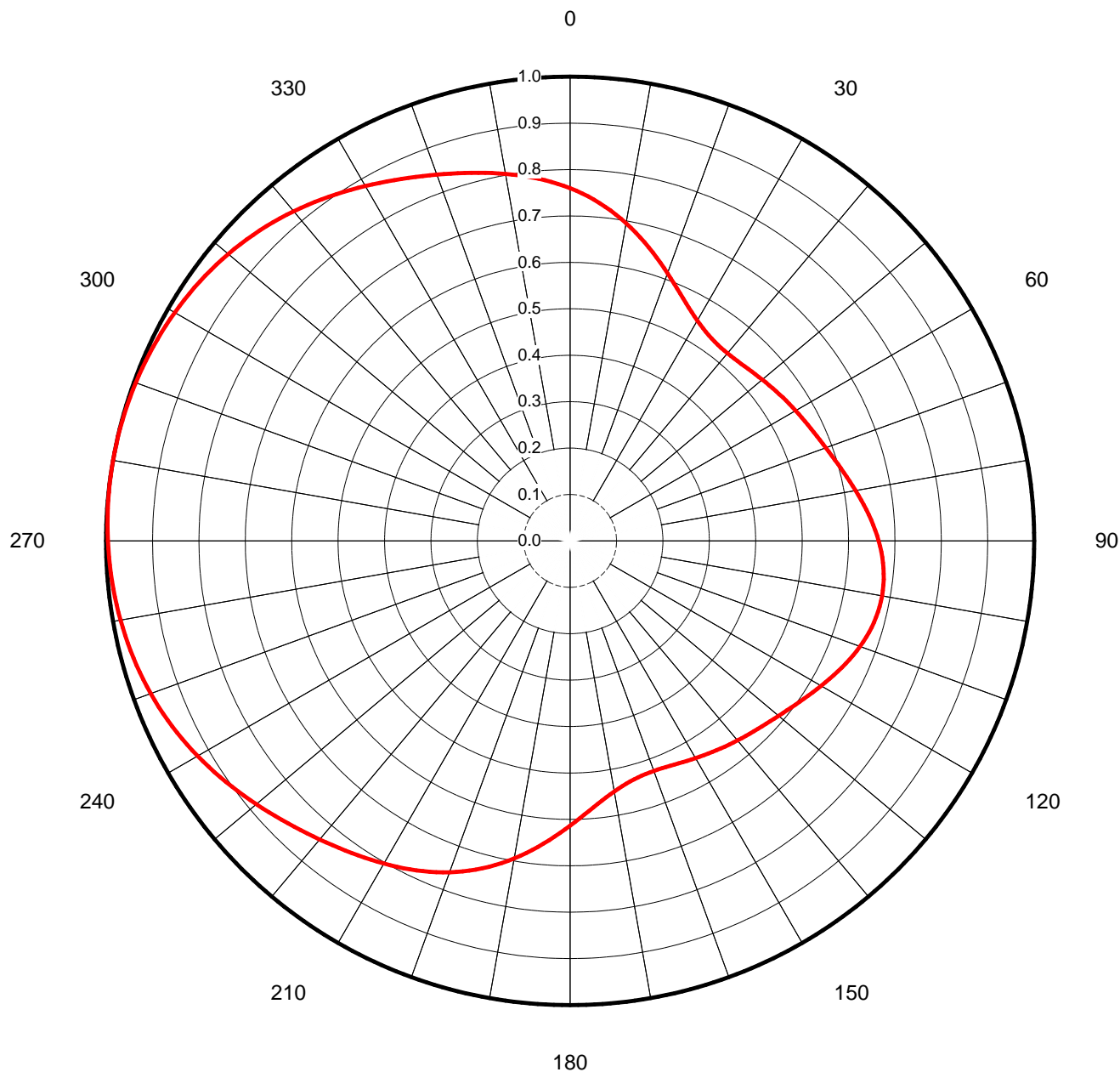
TRANSMITTING ANTENNA
VERTICAL PLANE PATTERN

Proposal Number	C-03210	Revision:	1
Date	19-Jan-09		
Call Letters	WHNT-DT	Channel	46
Location	Huntsville, AL		
Customer			
Antenna Type	TFU-25ETT/VP-R 4S170		

AZIMUTH PATTERN

Gain **1.70** (2.30 dB)
Calculated / Measured **Calculated**

Frequency **665.00 MHz**
Drawing # **4S170H**

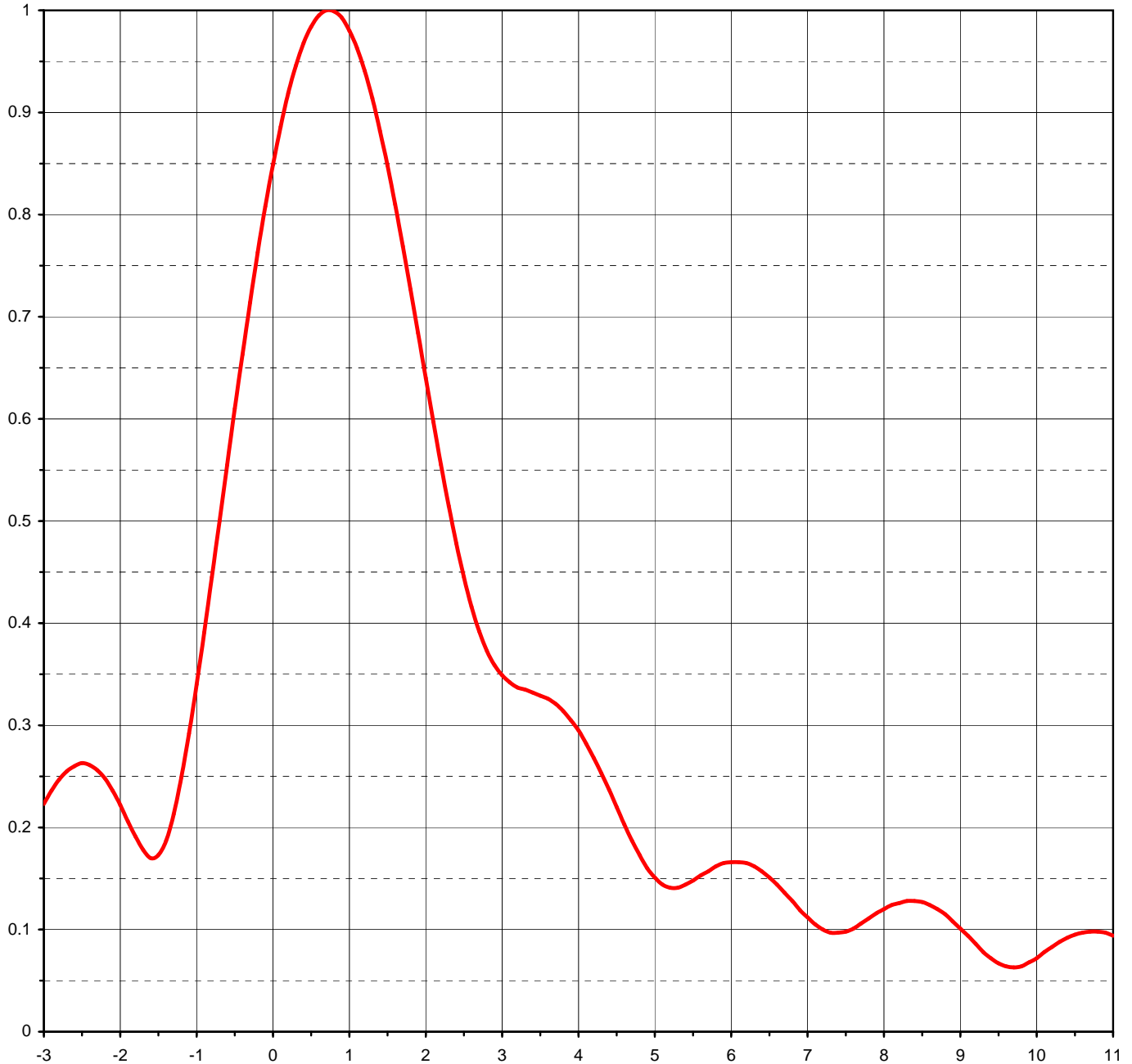




Proposal Number	C-03210	Revision:	1
Date	19-Jan-09		
Call Letters	WHNT-DT	Channel	46
Location	Huntsville, AL		
Customer			
Antenna Type	TFU-25ETT/VP-R 4S170		

ELEVATION PATTERN

RMS Gain at Main Lobe	23.00 (13.62 dB)	Beam Tilt	0.75 deg
RMS Gain at Horizontal	16.60 (12.20 dB)	Frequency	665.00 MHz
Calculated / Measured	Calculated	Drawing #	25E230075



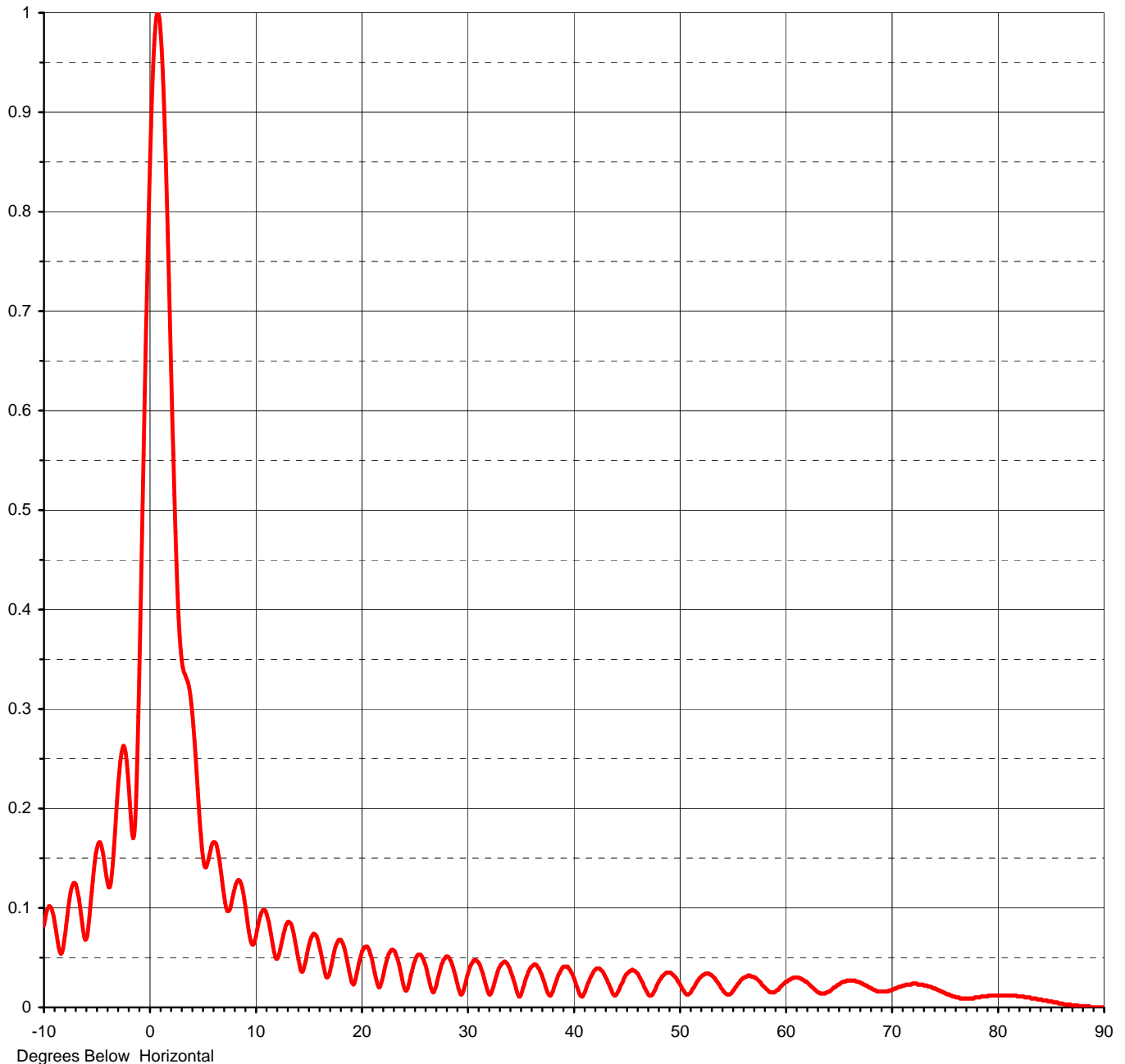
Degrees Below Horizontal



Proposal Number	C-03210	Revision:	1
Date	19-Jan-09		
Call Letters	WHNT-DT	Channel	46
Location	Huntsville, AL		
Customer			
Antenna Type	TFU-25ETT/VP-R 4S170		

ELEVATION PATTERN

RMS Gain at Main Lobe	23.00 (13.62 dB)	Beam Tilt	0.75 deg
RMS Gain at Horizontal	16.60 (12.20 dB)	Frequency	665.00 MHz
Calculated / Measured	Calculated	Drawing #	25E230075-90





Proposal Number **C-03210** Revision: **1**
Date **19-Jan-09**
Call Letters **WHNT-DT** Channel **46**
Location **Huntsville, AL**
Customer
Antenna Type **TFU-25ETT/VP-R 4S170**

TABULATION OF ELEVATION PATTERN

Elevation Pattern Drawing #: **25E230075-90**

Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field
-10.0	0.082	2.4	0.478	10.6	0.095	30.5	0.045	51.0	0.014	71.5	0.023
-9.5	0.102	2.6	0.416	10.8	0.098	31.0	0.046	51.5	0.022	72.0	0.024
-9.0	0.086	2.8	0.373	11.0	0.097	31.5	0.034	52.0	0.030	72.5	0.023
-8.5	0.056	3.0	0.349	11.5	0.074	32.0	0.015	52.5	0.034	73.0	0.022
-8.0	0.074	3.2	0.337	12.0	0.049	32.5	0.021	53.0	0.033	73.5	0.021
-7.5	0.115	3.4	0.332	12.5	0.064	33.0	0.039	53.5	0.027	74.0	0.019
-7.0	0.124	3.6	0.326	13.0	0.084	33.5	0.046	54.0	0.019	74.5	0.017
-6.5	0.093	3.8	0.314	13.5	0.081	34.0	0.040	54.5	0.013	75.0	0.014
-6.0	0.069	4.0	0.295	14.0	0.054	34.5	0.024	55.0	0.015	75.5	0.012
-5.5	0.116	4.2	0.268	14.5	0.036	35.0	0.011	55.5	0.023	76.0	0.010
-5.0	0.160	4.4	0.237	15.0	0.058	35.5	0.027	56.0	0.029	76.5	0.009
-4.5	0.159	4.6	0.203	15.5	0.074	36.0	0.040	56.5	0.032	77.0	0.009
-4.0	0.125	4.8	0.173	16.0	0.065	36.5	0.043	57.0	0.031	77.5	0.009
-3.5	0.145	5.0	0.151	16.5	0.040	37.0	0.034	57.5	0.027	78.0	0.010
-3.0	0.223	5.2	0.141	17.0	0.033	37.5	0.018	58.0	0.021	78.5	0.011
-2.8	0.247	5.4	0.144	17.5	0.057	38.0	0.014	58.5	0.016	79.0	0.011
-2.6	0.260	5.6	0.153	18.0	0.068	38.5	0.029	59.0	0.015	79.5	0.012
-2.4	0.261	5.8	0.162	18.5	0.057	39.0	0.040	59.5	0.020	80.0	0.012
-2.2	0.248	6.0	0.166	19.0	0.031	39.5	0.041	60.0	0.025	80.5	0.012
-2.0	0.222	6.2	0.165	19.5	0.029	40.0	0.032	60.5	0.028	81.0	0.012
-1.8	0.191	6.4	0.157	20.0	0.052	40.5	0.017	61.0	0.030	81.5	0.012
-1.6	0.170	6.6	0.144	20.5	0.061	41.0	0.013	61.5	0.029	82.0	0.011
-1.4	0.187	6.8	0.128	21.0	0.050	41.5	0.026	62.0	0.026	82.5	0.010
-1.2	0.249	7.0	0.112	21.5	0.026	42.0	0.037	62.5	0.021	83.0	0.010
-1.0	0.340	7.2	0.100	22.0	0.028	42.5	0.039	63.0	0.016	83.5	0.009
-0.8	0.445	7.4	0.097	22.5	0.050	43.0	0.032	63.5	0.014	84.0	0.008
-0.6	0.555	7.6	0.101	23.0	0.058	43.5	0.020	64.0	0.015	84.5	0.007
-0.4	0.663	7.8	0.111	23.5	0.047	44.0	0.012	64.5	0.020	85.0	0.006
-0.2	0.763	8.0	0.120	24.0	0.023	44.5	0.022	65.0	0.023	85.5	0.005
0.0	0.849	8.2	0.126	24.5	0.023	45.0	0.033	65.5	0.026	86.0	0.004
0.2	0.919	8.4	0.128	25.0	0.044	45.5	0.037	66.0	0.027	86.5	0.003
0.4	0.968	8.6	0.124	25.5	0.053	46.0	0.035	66.5	0.027	87.0	0.002
0.6	0.995	8.8	0.115	26.0	0.045	46.5	0.026	67.0	0.025	87.5	0.002
0.8	0.999	9.0	0.101	26.5	0.024	47.0	0.015	67.5	0.022	88.0	0.001
1.0	0.980	9.2	0.086	27.0	0.019	47.5	0.013	68.0	0.019	88.5	0.001
1.2	0.941	9.4	0.072	27.5	0.039	48.0	0.024	68.5	0.017	89.0	0.000
1.4	0.882	9.6	0.064	28.0	0.051	48.5	0.032	69.0	0.016	89.5	0.000
1.6	0.810	9.8	0.063	28.5	0.046	49.0	0.035	69.5	0.016	90.0	0.000
1.8	0.727	10.0	0.068	29.0	0.028	49.5	0.032	70.0	0.018		
2.0	0.640	10.2	0.078	29.5	0.013	50.0	0.025	70.5	0.020		
2.2	0.555	10.4	0.088	30.0	0.031	50.5	0.016	71.0	0.022		

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Proposal Number	C-03210	Revision:	1
Date	19-Jan-09		
Call Letters	WHNT-DT	Channel	46
Location	Huntsville, AL		
Customer			
Antenna Type	TFU-25ETT/VP-R 4S170		

TABULATION OF AZIMUTH PATTERN

Azimuth Pattern Drawing #: **4S170H**

Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field
0	0.760	45	0.532	90	0.665	135	0.572	180	0.613	225	0.860	270	0.996	315	0.946
1	0.754	46	0.533	91	0.668	136	0.570	181	0.621	226	0.865	271	0.997	316	0.942
2	0.749	47	0.535	92	0.671	137	0.568	182	0.630	227	0.869	272	0.997	317	0.938
3	0.743	48	0.537	93	0.674	138	0.565	183	0.638	228	0.873	273	0.998	318	0.935
4	0.737	49	0.538	94	0.676	139	0.563	184	0.646	229	0.878	274	0.999	319	0.931
5	0.730	50	0.540	95	0.678	140	0.561	185	0.654	230	0.883	275	0.999	320	0.927
6	0.724	51	0.542	96	0.679	141	0.559	186	0.663	231	0.887	276	0.999	321	0.923
7	0.717	52	0.544	97	0.681	142	0.557	187	0.671	232	0.892	277	1.000	322	0.918
8	0.710	53	0.546	98	0.682	143	0.555	188	0.679	233	0.896	278	1.000	323	0.914
9	0.702	54	0.548	99	0.682	144	0.553	189	0.687	234	0.901	279	1.000	324	0.910
10	0.695	55	0.551	100	0.682	145	0.551	190	0.695	235	0.905	280	1.000	325	0.905
11	0.687	56	0.553	101	0.682	146	0.548	191	0.702	236	0.910	281	1.000	326	0.901
12	0.679	57	0.555	102	0.682	147	0.546	192	0.710	237	0.914	282	1.000	327	0.896
13	0.671	58	0.557	103	0.681	148	0.544	193	0.717	238	0.918	283	1.000	328	0.892
14	0.663	59	0.559	104	0.679	149	0.542	194	0.724	239	0.923	284	0.999	329	0.887
15	0.655	60	0.561	105	0.678	150	0.540	195	0.730	240	0.927	285	0.999	330	0.883
16	0.646	61	0.563	106	0.676	151	0.538	196	0.737	241	0.931	286	0.999	331	0.878
17	0.638	62	0.565	107	0.674	152	0.537	197	0.743	242	0.935	287	0.998	332	0.873
18	0.630	63	0.568	108	0.671	153	0.535	198	0.749	243	0.938	288	0.997	333	0.869
19	0.621	64	0.570	109	0.668	154	0.533	199	0.754	244	0.942	289	0.997	334	0.865
20	0.613	65	0.572	110	0.665	155	0.532	200	0.760	245	0.946	290	0.996	335	0.860
21	0.606	66	0.575	111	0.661	156	0.530	201	0.765	246	0.949	291	0.995	336	0.856
22	0.598	67	0.578	112	0.658	157	0.529	202	0.770	247	0.952	292	0.994	337	0.852
23	0.590	68	0.580	113	0.654	158	0.528	203	0.774	248	0.956	293	0.993	338	0.848
24	0.583	69	0.583	114	0.650	159	0.528	204	0.779	249	0.959	294	0.992	339	0.844
25	0.576	70	0.586	115	0.646	160	0.527	205	0.783	250	0.962	295	0.991	340	0.840
26	0.570	71	0.590	116	0.642	161	0.527	206	0.787	251	0.964	296	0.990	341	0.836
27	0.564	72	0.593	117	0.637	162	0.528	207	0.791	252	0.967	297	0.988	342	0.832
28	0.558	73	0.596	118	0.633	163	0.529	208	0.795	253	0.969	298	0.987	343	0.828
29	0.553	74	0.600	119	0.629	164	0.530	209	0.799	254	0.972	299	0.985	344	0.824
30	0.548	75	0.604	120	0.624	165	0.532	210	0.803	255	0.974	300	0.984	345	0.821
31	0.544	76	0.608	121	0.620	166	0.534	211	0.806	256	0.976	301	0.982	346	0.817
32	0.540	77	0.612	122	0.616	167	0.537	212	0.810	257	0.978	302	0.980	347	0.814
33	0.537	78	0.616	123	0.612	168	0.540	213	0.813	258	0.980	303	0.978	348	0.810
34	0.534	79	0.620	124	0.608	169	0.544	214	0.817	259	0.982	304	0.976	349	0.806
35	0.532	80	0.624	125	0.604	170	0.548	215	0.821	260	0.984	305	0.974	350	0.803
36	0.530	81	0.629	126	0.600	171	0.553	216	0.824	261	0.985	306	0.972	351	0.799
37	0.529	82	0.633	127	0.596	172	0.558	217	0.828	262	0.987	307	0.969	352	0.795
38	0.528	83	0.637	128	0.593	173	0.564	218	0.832	263	0.988	308	0.967	353	0.791
39	0.528	84	0.642	129	0.590	174	0.570	219	0.836	264	0.990	309	0.964	354	0.787
40	0.527	85	0.646	130	0.586	175	0.576	220	0.840	265	0.991	310	0.961	355	0.783
41	0.528	86	0.650	131	0.583	176	0.583	221	0.844	266	0.992	311	0.959	356	0.779
42	0.528	87	0.654	132	0.580	177	0.590	222	0.848	267	0.993	312	0.956	357	0.774
43	0.529	88	0.658	133	0.578	178	0.598	223	0.852	268	0.994	313	0.952	358	0.770
44	0.530	89	0.661	134	0.575	179	0.605	224	0.856	269	0.995	314	0.949	359	0.765

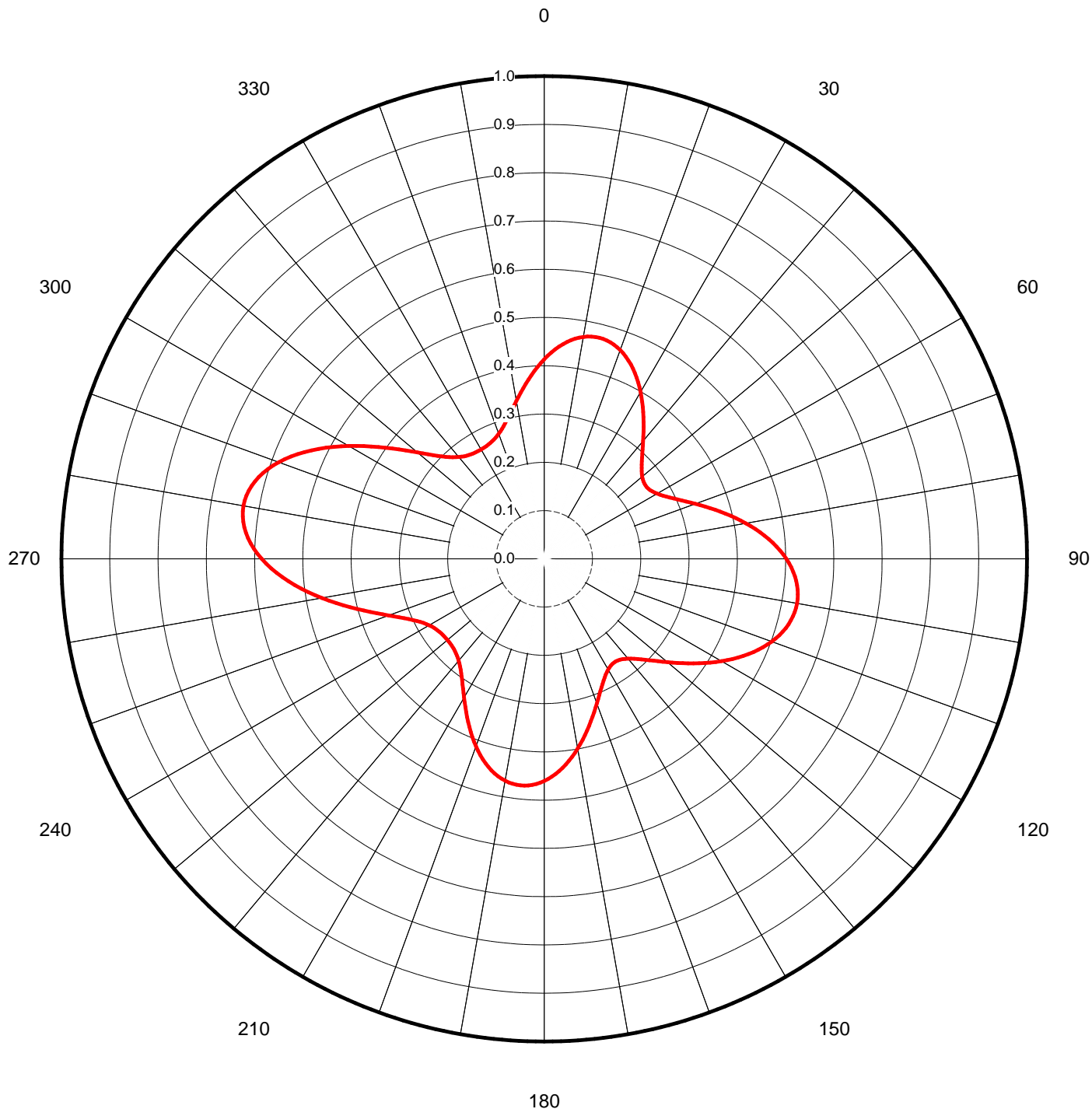
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Proposal Number	C-03210	Revision:	1
Date	19-Jan-09		
Call Letters	WHNT-DT	Channel	46
Location	Huntsville, AL		
Customer			
Antenna Type	TFU-25ETT/VP-R 4S170		

AZIMUTH PATTERN/VERTICAL POLARIZATION

Gain	2.50	(3.98 dB)
Calculated / Measured		Calculated

Frequency	665.00 MHz
Drawing #	4S250V





Proposal Number	C-03210	Revision:	1
Date	19-Jan-09		
Call Letters	WHNT-DT	Channel	46
Location	Huntsville, AL		
Customer			
Antenna Type	TFU-25ETT/VP-R 4S170		

TABULATION OF AZIMUTH PATTERN/VERTICAL POLARIZATION

Azimuth Pattern Drawing #: **4S250V**

Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field
0	0.413	45	0.286	90	0.501	135	0.296	180	0.460	225	0.265	270	0.585	315	0.300
1	0.421	46	0.281	91	0.507	136	0.289	181	0.464	226	0.263	271	0.594	316	0.294
2	0.428	47	0.276	92	0.512	137	0.284	182	0.467	227	0.263	272	0.602	317	0.288
3	0.435	48	0.272	93	0.517	138	0.279	183	0.469	228	0.262	273	0.609	318	0.283
4	0.441	49	0.268	94	0.521	139	0.274	184	0.471	229	0.262	274	0.615	319	0.279
5	0.446	50	0.265	95	0.524	140	0.270	185	0.472	230	0.262	275	0.620	320	0.275
6	0.452	51	0.262	96	0.527	141	0.267	186	0.472	231	0.262	276	0.625	321	0.272
7	0.456	52	0.261	97	0.529	142	0.264	187	0.472	232	0.262	277	0.628	322	0.270
8	0.460	53	0.260	98	0.530	143	0.262	188	0.471	233	0.263	278	0.630	323	0.267
9	0.464	54	0.259	99	0.531	144	0.260	189	0.469	234	0.263	279	0.632	324	0.266
10	0.467	55	0.259	100	0.532	145	0.259	190	0.467	235	0.264	280	0.632	325	0.264
11	0.469	56	0.260	101	0.531	146	0.259	191	0.464	236	0.266	281	0.632	326	0.263
12	0.471	57	0.262	102	0.530	147	0.260	192	0.460	237	0.267	282	0.630	327	0.263
13	0.472	58	0.264	103	0.529	148	0.261	193	0.456	238	0.270	283	0.628	328	0.262
14	0.472	59	0.267	104	0.527	149	0.262	194	0.452	239	0.272	284	0.625	329	0.262
15	0.472	60	0.270	105	0.524	150	0.265	195	0.446	240	0.275	285	0.620	330	0.262
16	0.471	61	0.274	106	0.521	151	0.268	196	0.441	241	0.279	286	0.615	331	0.262
17	0.469	62	0.279	107	0.517	152	0.272	197	0.434	242	0.283	287	0.609	332	0.262
18	0.467	63	0.284	108	0.512	153	0.276	198	0.428	243	0.288	288	0.602	333	0.263
19	0.464	64	0.289	109	0.507	154	0.281	199	0.421	244	0.294	289	0.594	334	0.263
20	0.460	65	0.296	110	0.501	155	0.286	200	0.413	245	0.300	290	0.585	335	0.265
21	0.456	66	0.302	111	0.495	156	0.292	201	0.406	246	0.307	291	0.576	336	0.266
22	0.452	67	0.310	112	0.489	157	0.298	202	0.398	247	0.315	292	0.566	337	0.268
23	0.446	68	0.317	113	0.482	158	0.304	203	0.390	248	0.324	293	0.555	338	0.270
24	0.441	69	0.325	114	0.475	159	0.311	204	0.381	249	0.333	294	0.544	339	0.273
25	0.435	70	0.333	115	0.467	160	0.319	205	0.373	250	0.343	295	0.532	340	0.276
26	0.428	71	0.342	116	0.459	161	0.326	206	0.365	251	0.353	296	0.520	341	0.279
27	0.421	72	0.350	117	0.450	162	0.334	207	0.356	252	0.365	297	0.507	342	0.283
28	0.414	73	0.359	118	0.442	163	0.342	208	0.348	253	0.376	298	0.494	343	0.288
29	0.407	74	0.368	119	0.433	164	0.350	209	0.340	254	0.389	299	0.481	344	0.293
30	0.399	75	0.378	120	0.424	165	0.358	210	0.332	255	0.401	300	0.467	345	0.298
31	0.391	76	0.387	121	0.415	166	0.367	211	0.325	256	0.414	301	0.454	346	0.304
32	0.383	77	0.396	122	0.406	167	0.375	212	0.317	257	0.427	302	0.441	347	0.310
33	0.375	78	0.406	123	0.396	168	0.383	213	0.310	258	0.441	303	0.427	348	0.317
34	0.367	79	0.415	124	0.387	169	0.391	214	0.304	259	0.454	304	0.414	349	0.325
35	0.358	80	0.424	125	0.378	170	0.399	215	0.298	260	0.467	305	0.401	350	0.332
36	0.350	81	0.433	126	0.368	171	0.407	216	0.293	261	0.481	306	0.389	351	0.340
37	0.342	82	0.442	127	0.359	172	0.414	217	0.288	262	0.494	307	0.376	352	0.348
38	0.334	83	0.450	128	0.350	173	0.421	218	0.283	263	0.507	308	0.365	353	0.356
39	0.326	84	0.459	129	0.342	174	0.428	219	0.279	264	0.520	309	0.353	354	0.365
40	0.319	85	0.467	130	0.333	175	0.435	220	0.276	265	0.532	310	0.343	355	0.373
41	0.311	86	0.475	131	0.325	176	0.441	221	0.273	266	0.544	311	0.333	356	0.381
42	0.304	87	0.482	132	0.317	177	0.446	222	0.270	267	0.555	312	0.324	357	0.390
43	0.298	88	0.489	133	0.310	178	0.452	223	0.268	268	0.566	313	0.315	358	0.398
44	0.292	89	0.495	134	0.302	179	0.456	224	0.266	269	0.576	314	0.307	359	0.406

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