

WDEF-DT, Chattanooga, TN, OET-69 Post-Transition Interference Analysis (Worst-Case Scenarios)

Percent allowed new interference: 0.500
Percent allowed new interference to Class A: 0.500
TW Census data selected 2000
Post Transition Data Base Selected /export/home/cdbb/pt_tvdb.sff

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Record Selected for Analysis

WDEFDT USERRECORD-01 CHATTANOOGA TN US
Channel 12 ERP 26. kW HAAT 420. m RCAMSL 00767 m
Latitude 035-08-06 Longitude 0085-19-25
Status APP Zone 2 Border
Last update Cutoff date Docket
Comments
Applicant

Cell Size for Service Analysis 1.0 km/side

Distance Increments for Longley-Rice Analysis 1.00 km

Facility meets maximum height/power limits

Azimuth (Deg)	ERP (kW)	HAAT (m)	36.0 dBu F(50,90) (km)
0.0	26.000	207.2	94.0
45.0	26.000	533.0	116.9
90.0	26.000	538.0	117.2
135.0	26.000	546.3	117.7
180.0	26.000	548.1	117.8
225.0	26.000	481.3	114.2
270.0	26.000	266.0	98.4
315.0	26.000	244.0	97.2

Evaluation toward Class A Stations

Contour overlap to Class A station
WFEM-LP 12 HEISKELL, ETC. TN BLTVL 19910624JI

Class A Evaluation Complete

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

WDEF-DT, Chattanooga, TN, OET-69 Post-Transition Interference Analysis (Worst-Case Scenarios)

Start of Interference Analysis

Channel	Proposed Station Call	City/State	ARN
12	WDEFDT	CHATTANOOGA TN	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
11	WTZT-CA	ATHENS AL	133.5	CP	BPTVA	-20030808AAD
11	WETV-LP	MURFREESBORO TN	124.4	LIC	BLTVL	-20000203AAU
11	WETV-LP	MURFREESBORO TN	124.4	CP	BPTVA	-20030822AGE
12	WSFA	MONTGOMERY AL	359.8	PLN	DTVPLN	-DTVP0361
12	WSFA	MONTGOMERY AL	359.8	CP	BPCDT	-20080505ABL
12	WRDW-TV	AUGUSTA GA	372.8	PLN	DTVPLN	-DTVP0370
12	WRDW-TV	AUGUSTA GA	372.7	CP	BPCDT	-20080407AAE
12	WYMT-TV	HAZARD KY	298.9	LIC	BLCDT	-20040109ACY
12	WYMT-TV	HAZARD KY	298.9	PLN	DTVPLN	-DTVP0379
12	WMAE-TV	BOONEVILLE MS	316.8	PLN	DTVPLN	-DTVP0385
12	WMAE-TV	BOONEVILLE MS	316.8	CP	BPEDT	-20080314ADA
12	WFEM-LP	HEISKELL, ETC. TN	157.2	LIC	BLTVL	-19910624JI
13	WVTM-TV	BIRMINGHAM AL	227.4	CP MOD	BMPCDT	-20080410AAY
13	WVTM-TV	BIRMINGHAM AL	227.4	PLN	DTVPLN	-DTVP0417
13	WRCB-TV	CHATTANOOGA TN	3.0	LIC	BLCDT	-20041027ADA
13	WRCB-TV	CHATTANOOGA TN	3.0	PLN	DTVPLN	-DTVP0475

%%%

Analysis of Interference to Affected Station 1

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
11	WTZT-CA	ATHENS AL	BPTVA	-20030808AAD

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
11	WXIA-TV	ATLANTA GA	250.5	LIC	BMLCT	-19960208KF
11	WTOK-TV	MERIDIAN MS	330.7	LIC	BLCT	-2503
11	WTOK-TV	MERIDIAN MS	330.7	PLN	DTVPLN	-DTVP0327
11	WTOK-TV	MERIDIAN MS	330.7	CP	BPCDT	-20080501AAQ
11	WLJT	LEXINGTON TN	195.8	LIC	BLET	-203
11	WETV-LP	MURFREESBORO TN	117.9	LIC	BLTVL	-20000203AAU
11	WETV-LP	MURFREESBORO TN	117.9	CP	BPTVA	-20030822AGE
12	WDEF-TV	CHATTANOOGA TN	133.5	CP	BPCDT	-20080228ABR
12	WDEF-TV	CHATTANOOGA TN	133.5	PLN	DTVPLN	-DTVP0405
12	WDEF-TV	CHATTANOOGA TN	133.5	LIC	BLCT	-1619
12	WDEFDT	CHATTANOOGA TN	133.5	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 2

WDEF-DT, Chattanooga, TN, OET-69 Post-Transition Interference Analysis (Worst-Case Scenarios)

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
11	WETV-LP	MURFREESBORO TN	BLTVL	-20000203AAU

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
10	WSMV-TV	NASHVILLE TN	54.2	LIC	BLCDT	-20021029AAV
10	WSMV-TV	NASHVILLE TN	54.2	PLN	DTVPLN	-DTVP0295
11	WTZT-CA	ATHENS AL	117.9	CP	BPTVA	-20030808AAD
11	WXIA-TV	ATLANTA GA	298.2	LIC	BMLCT	-19960208KF
11	WHAS-TV	LOUISVILLE KY	283.7	CP	BPCDT	-20080314AAD
11	WHAS-TV	LOUISVILLE KY	283.7	PLN	DTVPLN	-DTVP0318
11	WHAS-TV	LOUISVILLE KY	283.7	LIC	BLCT	-19820811KF
11	WJHL-TV	JOHNSON CITY TN	387.4	LIC	BLCT	-2111
11	WJHL-TV	JOHNSON CITY TN	387.4	PLN	DTVPLN	-DTVP0347
11	WJHL-TV	JOHNSON CITY TN	387.4	CP	BPCDT	-20080410AAV
11	W11BD	LEBANON TN	41.8	LIC	BLTVL	-19870219IA
11	WLJT	LEXINGTON TN	200.1	LIC	BLET	-203
12	WDEF-TV	CHATTANOOGA TN	124.4	CP	BPCDT	-20080228ABR
12	WDEF-TV	CHATTANOOGA TN	124.4	PLN	DTVPLN	-DTVP0405
12	WDEF-TV	CHATTANOOGA TN	124.4	LIC	BLCT	-1619
12	WDEFDT	CHATTANOOGA TN	124.4	APP	USERRECORD-01	

Proposal causes no interference

#####

Analysis of Interference to Affected Station 3

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
11	WETV-LP	MURFREESBORO TN	BPTVA	-20030822AGE

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
10	WSMV-TV	NASHVILLE TN	54.2	LIC	BLCDT	-20021029AAV
10	WSMV-TV	NASHVILLE TN	54.2	PLN	DTVPLN	-DTVP0295
11	WTZT-CA	ATHENS AL	117.9	CP	BPTVA	-20030808AAD
11	WXIA-TV	ATLANTA GA	298.2	LIC	BMLCT	-19960208KF
11	WHAS-TV	LOUISVILLE KY	283.7	CP	BPCDT	-20080314AAD
11	WHAS-TV	LOUISVILLE KY	283.7	PLN	DTVPLN	-DTVP0318
11	WHAS-TV	LOUISVILLE KY	283.7	LIC	BLCT	-19820811KF
11	WJHL-TV	JOHNSON CITY TN	387.4	LIC	BLCT	-2111
11	WJHL-TV	JOHNSON CITY TN	387.4	PLN	DTVPLN	-DTVP0347
11	WJHL-TV	JOHNSON CITY TN	387.4	CP	BPCDT	-20080410AAV
11	W11BD	LEBANON TN	41.8	LIC	BLTVL	-19870219IA
11	WLJT	LEXINGTON TN	200.1	LIC	BLET	-203
12	WDEF-TV	CHATTANOOGA TN	124.4	CP	BPCDT	-20080228ABR
12	WDEF-TV	CHATTANOOGA TN	124.4	PLN	DTVPLN	-DTVP0405
12	WDEF-TV	CHATTANOOGA TN	124.4	LIC	BLCT	-1619
12	WDEFDT	CHATTANOOGA TN	124.4	APP	USERRECORD-01	

Proposal causes no interference

#####

Analysis of Interference to Affected Station 4

WDEF-DT, Chattanooga, TN, OET-69 Post-Transition Interference Analysis (Worst-Case Scenarios)

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
12	WSFA	MONTGOMERY AL	DTVPLN	-DTVP0361

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
12	WFXL	ALBANY GA	229.1	LIC	BLCDT	-20070725AFF
12	WFXL	ALBANY GA	229.1	PLN	DTVPLN	-DTVP0369
12	WMAE-TV	BOONEVILLE MS	383.9	PLN	DTVPLN	-DTVP0385
12	WMAE-TV	BOONEVILLE MS	383.9	CP	BPEDT	-20080314ADA
12	WJTV	JACKSON MS	400.4	PLN	DTVPLN	-DTVP0386
12	WJTV	JACKSON MS	400.4	CP	BPCDT	-20080410ABA
12	WDEF-TV	CHATTANOOGA TN	359.8	PLN	DTVPLN	-DTVP0405
13	WVTM-TV	BIRMINGHAM AL	178.7	CP MOD	BMPCDT	-20080410AAY
13	WVTM-TV	BIRMINGHAM AL	178.7	PLN	DTVPLN	-DTVP0417
13	WMBB	PANAMA CITY FL	194.7	PLN	DTVPLN	-DTVP0426
13	WMBB	PANAMA CITY FL	194.7	CP	BPCDT	-20080410AAW
12	WDEFDT	CHATTANOOGA TN	359.8	APP	USERRECORD-01	

Total scenarios = 4

Result key:

4

Scenario 4 Affected station 4
Before Analysis

Results for: 12A AL MONTGOMERY	DTVPLN	DTVP0361	PLN
HAAT 507.0 m, ATV ERP 24.9 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	802583	32613.5	
not affected by terrain losses	793378	31811.0	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	4796	209.2	
lost to ATV IX only	4796	209.2	
lost to all IX	4796	209.2	

Potential Interfering Stations Included in above Scenario 4

12A GA ALBANY	DTVPLN	DTVP0369	PLN
13A AL BIRMINGHAM	DTVPLN	DTVP0417	PLN
12A TN CHATTANOOGA	DTVPLN	DTVP0405	PLN

After Analysis

Results for: 12A AL MONTGOMERY	DTVPLN	DTVP0361	PLN
HAAT 507.0 m, ATV ERP 24.9 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	802583	32613.5	
not affected by terrain losses	793378	31811.0	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	5037	220.0	
lost to ATV IX only	5037	220.0	
lost to all IX	5037	220.0	

Potential Interfering Stations Included in above Scenario 4

12A GA ALBANY	DTVPLN	DTVP0369	PLN
13A AL BIRMINGHAM	DTVPLN	DTVP0417	PLN

WDEF-DT, Chattanooga, TN, OET-69 Post-Transition Interference Analysis (Worst-Case Scenarios)

12A TN CHATTANOOGA USERRECORD01 APP

Percent new IX = 0.0306%

Worst case new IX 0.0306% Scenario 4

#####

Analysis of Interference to Affected Station 5

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
12	WSFA	MONTGOMERY AL	BPCDT	-20080505ABL

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
12	WFXL	ALBANY GA	229.1	LIC	BLCDT	-20070725AFF
12	WFXL	ALBANY GA	229.1	PLN	DTVPLN	-DTVP0369
12	WMAE-TV	BOONEVILLE MS	383.9	PLN	DTVPLN	-DTVP0385
12	WMAE-TV	BOONEVILLE MS	383.9	CP	BPEDT	-20080314ADA
12	WJTV	JACKSON MS	400.4	PLN	DTVPLN	-DTVP0386
12	WJTV	JACKSON MS	400.4	CP	BPCDT	-20080410ABA
12	WDEF-TV	CHATTANOOGA TN	359.8	PLN	DTVPLN	-DTVP0405
13	WVTM-TV	BIRMINGHAM AL	178.7	CP MOD	BMPCDT	-20080410AAY
13	WVTM-TV	BIRMINGHAM AL	178.7	PLN	DTVPLN	-DTVP0417
13	WMBB	PANAMA CITY FL	194.7	PLN	DTVPLN	-DTVP0426
13	WMBB	PANAMA CITY FL	194.7	CP	BPCDT	-20080410AAW
12	WDEFDT	CHATTANOOGA TN	359.8	APP	USERRECORD-01	

Total scenarios = 2

Result key: 5

Scenario 1 Affected station 5

Before Analysis

Results for: 12A AL MONTGOMERY BPCDT 20080505ABL CP

HAAT 598.0 m, ATV ERP 1.2 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	650323	27977.7
not affected by terrain losses	646040	27405.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1570	185.8
lost to ATV IX only	1570	185.8
lost to all IX	1570	185.8

Potential Interfering Stations Included in above Scenario 1

12A GA ALBANY	BLCDT	20070725AFF	LIC
12A TN CHATTANOOGA	DTVPLN	DTVP0405	PLN

After Analysis

Results for: 12A AL MONTGOMERY BPCDT 20080505ABL CP

HAAT 598.0 m, ATV ERP 1.2 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	650323	27977.7
not affected by terrain losses	646040	27405.4

WDEF-DT, Chattanooga, TN, OET-69 Post-Transition Interference Analysis (Worst-Case Scenarios)

lost to NTSC IX	0	0.0
lost to additional IX by ATV	1821	196.7
lost to ATV IX only	1821	196.7
lost to all IX	1821	196.7

Potential Interfering Stations Included in above Scenario 1

12A GA ALBANY	BLCDT	20070725AFF	LIC
12A TN CHATTANOOGA	USERRECORD01		APP

Percent new IX = 0.0389%

Worst case new IX 0.0389% Scenario 1

#####

Analysis of Interference to Affected Station 6

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
12	WRDW-TV	AUGUSTA GA	DTVPLN	-DTVP0370

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
11	WTOG-TV	SAVANNAH GA	157.4	CP	BPCDT	-20080408AAD
11	WTOG-TV	SAVANNAH GA	157.4	PLN	DTVPLN	-DTVP0310
12	WFXL	ALBANY GA	298.7	LIC	BLCDT	-20070725AFF
12	WFXL	ALBANY GA	298.7	PLN	DTVPLN	-DTVP0369
12	WDEF-TV	CHATTANOOGA TN	372.8	PLN	DTVPLN	-DTVP0405
13	WMAZ-TV	MACON GA	175.6	CP	BPCDT	-20080306AAN
13	WMAZ-TV	MACON GA	175.6	PLN	DTVPLN	-DTVP0429
12	WDEFDT	CHATTANOOGA TN	372.8	APP	USERRECORD-01	

Total scenarios = 8

Result key: 11

Scenario 5 Affected station 6

Before Analysis

Results for: 12A GA AUGUSTA DTVPLN DTVP0370 PLN

HAAT 485.0 m, ATV ERP 20.2 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1400287	38618.2
not affected by terrain losses	1374267	37741.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	12381	883.1
lost to ATV IX only	12381	883.1
lost to all IX	12381	883.1

Potential Interfering Stations Included in above Scenario 5

11A GA SAVANNAH	DTVPLN	DTVP0310	PLN
12A GA ALBANY	BLCDT	20070725AFF	LIC
13A GA MACON	BPCDT	20080306AAN	CP
12A TN CHATTANOOGA	DTVPLN	DTVP0405	PLN

After Analysis

WDEF-DT, Chattanooga, TN, OET-69 Post-Transition Interference Analysis (Worst-Case Scenarios)

Results for: 12A GA AUGUSTA DTVPLN DTVP0370 PLN

HAAT 485.0 m, ATV ERP 20.2 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1400287	38618.2
not affected by terrain losses	1374267	37741.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	12384	886.1
lost to ATV IX only	12384	886.1
lost to all IX	12384	886.1

Potential Interfering Stations Included in above Scenario 5

11A GA SAVANNAH	DTVPLN	DTVP0310	PLN
12A GA ALBANY	BLCDT	20070725AFF	LIC
13A GA MACON	BPCDT	20080306AAN	CP
12A TN CHATTANOOGA	USERRECORD01		APP

Percent new IX = 0.0002%

Worst case new IX 0.0002% Scenario 5

#####

Analysis of Interference to Affected Station 7

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
12	WRDW-TV	AUGUSTA GA	BPCDT	-20080407AAE

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
11	WTOC-TV	SAVANNAH GA	157.6	CP	BPCDT	-20080408AAD
11	WTOC-TV	SAVANNAH GA	157.6	PLN	DTVPLN	-DTVP0310
12	WFXL	ALBANY GA	298.8	LIC	BLCDT	-20070725AFF
12	WFXL	ALBANY GA	298.8	PLN	DTVPLN	-DTVP0369
12	WDEF-TV	CHATTANOOGA TN	372.7	PLN	DTVPLN	-DTVP0405
13	WMAZ-TV	MACON GA	175.7	CP	BPCDT	-20080306AAN
13	WMAZ-TV	MACON GA	175.7	PLN	DTVPLN	-DTVP0429
12	WDEFDT	CHATTANOOGA TN	372.7	APP	USERRECORD-01	

Total scenarios = 8

Result key: 15

Scenario 1 Affected station 7

Before Analysis

Results for: 12A GA AUGUSTA BPCDT 20080407AAE CP

HAAT 484.0 m, ATV ERP 20.2 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1428726	39251.7
not affected by terrain losses	1401258	38347.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	10936	817.5
lost to ATV IX only	10936	817.5
lost to all IX	10936	817.5

WDEF-DT, Chattanooga, TN, OET-69 Post-Transition Interference Analysis (Worst-Case Scenarios)

Potential Interfering Stations Included in above Scenario 1

11A GA SAVANNAH	BPCDT	20080408AAD	CP
12A GA ALBANY	BLCDT	20070725AFF	LIC
13A GA MACON	BPCDT	20080306AAN	CP
12A TN CHATTANOOGA	DTVPLN	DTVP0405	PLN

After Analysis

Results for: 12A GA AUGUSTA BPCDT 20080407AAE CP

HAAT 484.0 m, ATV ERP 20.2 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1428726	39251.7
not affected by terrain losses	1401258	38347.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	10936	824.4
lost to ATV IX only	10936	824.4
lost to all IX	10936	824.4

Potential Interfering Stations Included in above Scenario 1

11A GA SAVANNAH	BPCDT	20080408AAD	CP
12A GA ALBANY	BLCDT	20070725AFF	LIC
13A GA MACON	BPCDT	20080306AAN	CP
12A TN CHATTANOOGA	USERRECORD01		APP

Percent new IX = 0.0000%

Worst case new IX 0.0000% Scenario 1

#####

Analysis of Interference to Affected Station 8

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
12	WYMT-TV	HAZARD KY	BLCDT	-20040109ACY

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
11	WJHL-TV	JOHNSON CITY TN	125.7	PLN	DTVPLN	-DTVP0347
11	WJHL-TV	JOHNSON CITY TN	125.7	CP	BPCDT	-20080410AAV
12	WKRC-TV	CINCINNATI OH	242.8	PLN	DTVPLN	-DTVP0397
12	WKRC-TV	CINCINNATI OH	242.9	CP	BPCDT	-20080304ABV
12	WMFD-TV	MANSFIELD OH	399.8	CP	BPCDT	-20040526ABT
12	WMFD-TV	MANSFIELD OH	399.8	PLN	DTVPLN	-DTVP0398
12	WMFD-TV	MANSFIELD OH	399.8	LIC	BLCDT	-20021015ABV
12	WDEF-TV	CHATTANOOGA TN	298.9	PLN	DTVPLN	-DTVP0405
12	WBOY-TV	CLARKSBURG WV	340.6	PLN	DTVPLN	-DTVP0413
12	WBOY-TV	CLARKSBURG WV	340.6	CP MOD	BMPCDT	-20080317AEM
13	WKYT-TV	LEXINGTON KY	142.9	LIC	BLCDT	-20021025AAO
13	WKYT-TV	LEXINGTON KY	142.9	PLN	DTVPLN	-DTVP0440
13	WLOS	ASHEVILLE NC	200.2	PLN	DTVPLN	-DTVP0452
13	WLOS	ASHEVILLE NC	200.2	CP	BPCDT	-20080317AGL
13	WOWK-TV	HUNTINGTON WV	168.9	PLN	DTVPLN	-DTVP0490
13	WOWK-TV	HUNTINGTON WV	168.9	CP MOD	BMPCDT	-20080317AGA
12	WDEFDT	CHATTANOOGA TN	298.9	APP	USERRECORD-01	

WDEF-DT, Chattanooga, TN, OET-69 Post-Transition Interference Analysis (Worst-Case Scenarios)

Total scenarios = 48

Result key: 37
Scenario 15 Affected station 8
Before Analysis

Results for: 12A KY HAZARD BLCDT 20040109ACY LIC

HAAT 398.0 m, ATV ERP 50.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1174104	40341.6
not affected by terrain losses	861017	33834.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	74294	1449.7
lost to ATV IX only	74294	1449.7
lost to all IX	74294	1449.7

Potential Interfering Stations Included in above Scenario 15

11A TN JOHNSON CITY	DTVPLN	DTVP0347	PLN
12A OH CINCINNATI	BPCDT	20080304ABV	CP
12A OH MANSFIELD	BPCDT	20040526ABT	CP
12A WV CLARKSBURG	BMPCDT	20080317AEM	CP
13A KY LEXINGTON	BLCDT	20021025AAO	LIC
13A WV HUNTINGTON	DTVPLN	DTVP0490	PLN
12A TN CHATTANOOGA	DTVPLN	DTVP0405	PLN

After Analysis

Results for: 12A KY HAZARD BLCDT 20040109ACY LIC

HAAT 398.0 m, ATV ERP 50.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1174104	40341.6
not affected by terrain losses	861017	33834.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	74939	1493.5
lost to ATV IX only	74939	1493.5
lost to all IX	74939	1493.5

Potential Interfering Stations Included in above Scenario 15

11A TN JOHNSON CITY	DTVPLN	DTVP0347	PLN
12A OH CINCINNATI	BPCDT	20080304ABV	CP
12A OH MANSFIELD	BPCDT	20040526ABT	CP
12A WV CLARKSBURG	BMPCDT	20080317AEM	CP
13A KY LEXINGTON	BLCDT	20021025AAO	LIC
13A WV HUNTINGTON	DTVPLN	DTVP0490	PLN
12A TN CHATTANOOGA	USERRECORD01		APP

Percent new IX = 0.0820%

Worst case new IX 0.0820% Scenario 37

#####

Analysis of Interference to Affected Station 9

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
12	WYMT-TV	HAZARD KY	DTVPLN	-DTVP0379

WDEF-DT, Chattanooga, TN, OET-69 Post-Transition Interference Analysis (Worst-Case Scenarios)

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
11	WJHL-TV	JOHNSON CITY TN	125.7	PLN	DTVPLN	-DTVP0347
11	WJHL-TV	JOHNSON CITY TN	125.7	CP	BPCDT	-20080410AAV
12	WKRC-TV	CINCINNATI OH	242.8	PLN	DTVPLN	-DTVP0397
12	WKRC-TV	CINCINNATI OH	242.9	CP	BPCDT	-20080304ABV
12	WMFD-TV	MANSFIELD OH	399.8	CP	BPCDT	-20040526ABT
12	WMFD-TV	MANSFIELD OH	399.8	PLN	DTVPLN	-DTVP0398
12	WMFD-TV	MANSFIELD OH	399.8	LIC	BLCDT	-20021015ABV
12	WDEF-TV	CHATTANOOGA TN	298.9	PLN	DTVPLN	-DTVP0405
12	WBOY-TV	CLARKSBURG WV	340.6	PLN	DTVPLN	-DTVP0413
12	WBOY-TV	CLARKSBURG WV	340.6	CP MOD	BMPCDT	-20080317AEM
13	WKYT-TV	LEXINGTON KY	142.9	LIC	BLCDT	-20021025AAO
13	WKYT-TV	LEXINGTON KY	142.9	PLN	DTVPLN	-DTVP0440
13	WLOS	ASHEVILLE NC	200.2	PLN	DTVPLN	-DTVP0452
13	WLOS	ASHEVILLE NC	200.2	CP	BPCDT	-20080317AGL
13	WOWK-TV	HUNTINGTON WV	168.9	PLN	DTVPLN	-DTVP0490
13	WOWK-TV	HUNTINGTON WV	168.9	CP MOD	BMPCDT	-20080317AGA
12	WDEFDT	CHATTANOOGA TN	298.9	APP	USERRECORD-01	

Total scenarios = 48

Result key: 107

Scenario 37 Affected station 9
Before Analysis

Results for: 12A KY HAZARD	DTVPLN	DTVP0379	PLN
HAAT 398.0 m, ATV ERP 50.0 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1174104	40341.6	
not affected by terrain losses	861017	33834.9	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	74575	1449.7	
lost to ATV IX only	74575	1449.7	
lost to all IX	74575	1449.7	

Potential Interfering Stations Included in above Scenario 37

11A TN JOHNSON CITY	BPCDT	20080410AAV	CP
12A OH CINCINNATI	BPCDT	20080304ABV	CP
12A OH MANSFIELD	BPCDT	20040526ABT	CP
12A WV CLARKSBURG	DTVPLN	DTVP0413	PLN
13A KY LEXINGTON	BLCDT	20021025AAO	LIC
13A WV HUNTINGTON	DTVPLN	DTVP0490	PLN
12A TN CHATTANOOGA	DTVPLN	DTVP0405	PLN

After Analysis

Results for: 12A KY HAZARD	DTVPLN	DTVP0379	PLN
HAAT 398.0 m, ATV ERP 50.0 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1174104	40341.6	
not affected by terrain losses	861017	33834.9	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	75220	1493.5	
lost to ATV IX only	75220	1493.5	
lost to all IX	75220	1493.5	

Potential Interfering Stations Included in above Scenario 37

WDEF-DT, Chattanooga, TN, OET-69 Post-Transition Interference Analysis (Worst-Case Scenarios)

11A TN JOHNSON CITY	BPCDT	20080410AAV	CP
12A OH CINCINNATI	BPCDT	20080304ABV	CP
12A OH MANSFIELD	BPCDT	20040526ABT	CP
12A WV CLARKSBURG	DTVPLN	DTVP0413	PLN
13A KY LEXINGTON	BLCDT	20021025AAO	LIC
13A WV HUNTINGTON	DTVPLN	DTVP0490	PLN
12A TN CHATTANOOGA	USERRECORD01		APP

Percent new IX = 0.0820%

Worst case new IX 0.0820% Scenario 37

#####

Analysis of Interference to Affected Station 10

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
12	WMAE-TV	BOONEVILLE MS	DTVPLN	-DTVP0385

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
12	WSFA	MONTGOMERY AL	383.9	PLN	DTVPLN	-DTVP0361
12	WSFA	MONTGOMERY AL	383.9	CP	BPCDT	-20080505ABL
12	KTHV	LITTLE ROCK AR	342.7	LIC	BLCDT	-20041029AIX
12	KTHV	LITTLE ROCK AR	342.7	PLN	DTVPLN	-DTVP0362
12	KFVS-TV	CAPE GIRARDEAU MO	314.4	PLN	DTVPLN	-DTVP0383
12	KFVS-TV	CAPE GIRARDEAU MO	314.4	CP	BPCDT	-20080403ACT
12	WJTV	JACKSON MS	310.2	PLN	DTVPLN	-DTVP0386
12	WJTV	JACKSON MS	310.2	CP	BPCDT	-20080410ABA
12	WDEF-TV	CHATTANOOGA TN	316.8	PLN	DTVPLN	-DTVP0405
13	WVTM-TV	BIRMINGHAM AL	222.4	CP MOD	BMPCDT	-20080410AAY
13	WVTM-TV	BIRMINGHAM AL	222.4	PLN	DTVPLN	-DTVP0417
13	WHBQ-TV	MEMPHIS TN	114.5	PLN	DTVPLN	-DTVP0476
13	WHBQ-TV	MEMPHIS TN	114.6	CP	BPCDT	-20080313ACS
12	WDEFDT	CHATTANOOGA TN	316.8	APP	USERRECORD-01	

Total scenarios = 16

Result key: 121

Scenario 3 Affected station 10

Before Analysis

Results for: 12A MS BOONEVILLE DTVPLN DTVP0385 PLN
HAAT 227.0 m, ATV ERP 5.9 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	446883	22028.8
not affected by terrain losses	430636	21060.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	10926	603.7
lost to ATV IX only	10926	603.7
lost to all IX	10926	603.7

Potential Interfering Stations Included in above Scenario 3

12A AL MONTGOMERY	DTVPLN	DTVP0361	PLN
-------------------	--------	----------	-----

WDEF-DT, Chattanooga, TN, OET-69 Post-Transition Interference Analysis (Worst-Case Scenarios)

12A AR LITTLE ROCK	BLCDT	20041029AIX	LIC
12A MO CAPE GIRARDEAU	DTVPLN	DTVP0383	PLN
12A MS JACKSON	BPCDT	20080410ABA	CP
13A TN MEMPHIS	DTVPLN	DTVP0476	PLN
12A TN CHATTANOOGA	DTVPLN	DTVP0405	PLN

After Analysis

Results for: 12A MS BOONEVILLE DTVPLN DTVP0385 PLN

HAAT 227.0 m, ATV ERP 5.9 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	446883	22028.8
not affected by terrain losses	430636	21060.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	11450	645.8
lost to ATV IX only	11450	645.8
lost to all IX	11450	645.8

Potential Interfering Stations Included in above Scenario 3

12A AL MONTGOMERY	DTVPLN	DTVP0361	PLN
12A AR LITTLE ROCK	BLCDT	20041029AIX	LIC
12A MO CAPE GIRARDEAU	DTVPLN	DTVP0383	PLN
12A MS JACKSON	BPCDT	20080410ABA	CP
13A TN MEMPHIS	DTVPLN	DTVP0476	PLN
12A TN CHATTANOOGA	USERRECORD01		APP

Percent new IX = 0.1248%

Worst case new IX 0.1248% Scenario 3

#####

Analysis of Interference to Affected Station 11

Analysis of current record

Channel	Call	City/State	Application Ref. No.
12	WMAE-TV	BOONEVILLE MS	BPEDT -20080314ADA

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
12	WSFA	MONTGOMERY AL	383.9	PLN	DTVPLN -DTVP0361
12	WSFA	MONTGOMERY AL	383.9	CP	BPCDT -20080505ABL
12	KTHV	LITTLE ROCK AR	342.7	LIC	BLCDT -20041029AIX
12	KTHV	LITTLE ROCK AR	342.7	PLN	DTVPLN -DTVP0362
12	KFVS-TV	CAPE GIRARDEAU MO	314.4	PLN	DTVPLN -DTVP0383
12	KFVS-TV	CAPE GIRARDEAU MO	314.4	CP	BPCDT -20080403ACT
12	WJTV	JACKSON MS	310.2	PLN	DTVPLN -DTVP0386
12	WJTV	JACKSON MS	310.2	CP	BPCDT -20080410ABA
12	WDEF-TV	CHATTANOOGA TN	316.8	PLN	DTVPLN -DTVP0405
13	WVTM-TV	BIRMINGHAM AL	222.4	CP MOD	BMPCDT -20080410AAY
13	WVTM-TV	BIRMINGHAM AL	222.4	PLN	DTVPLN -DTVP0417
13	WHBQ-TV	MEMPHIS TN	114.5	PLN	DTVPLN -DTVP0476
13	WHBQ-TV	MEMPHIS TN	114.6	CP	BPCDT -20080313ACS
12	WDEFDT	CHATTANOOGA TN	316.8	APP	USERRECORD-01

Total scenarios = 16

WDEF-DT, Chattanooga, TN, OET-69 Post-Transition Interference Analysis (Worst-Case Scenarios)

Result key: 137
Scenario 3 Affected station 11
Before Analysis

Results for: 12A MS BOONEVILLE BPEDT 20080314ADA CP
HAAT 223.0 m, ATV ERP 5.2 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	444709	21825.2
not affected by terrain losses	427707	20852.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	12522	621.3
lost to ATV IX only	12522	621.3
lost to all IX	12522	621.3

Potential Interfering Stations Included in above Scenario 3

12A AR LITTLE ROCK	BLCDT	20041029AIX	LIC
12A MO CAPE GIRARDEAU	DTVPLN	DTVP0383	PLN
12A MS JACKSON	BPCDT	20080410ABA	CP
13A TN MEMPHIS	DTVPLN	DTVP0476	PLN
12A TN CHATTANOOGA	DTVPLN	DTVP0405	PLN

After Analysis

Results for: 12A MS BOONEVILLE BPEDT 20080314ADA CP
HAAT 223.0 m, ATV ERP 5.2 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	444709	21825.2
not affected by terrain losses	427707	20852.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	13215	663.4
lost to ATV IX only	13215	663.4
lost to all IX	13215	663.4

Potential Interfering Stations Included in above Scenario 3

12A AR LITTLE ROCK	BLCDT	20041029AIX	LIC
12A MO CAPE GIRARDEAU	DTVPLN	DTVP0383	PLN
12A MS JACKSON	BPCDT	20080410ABA	CP
13A TN MEMPHIS	DTVPLN	DTVP0476	PLN
12A TN CHATTANOOGA	USERRECORD01		APP

Percent new IX = 0.1669%

Worst case new IX 0.1669% Scenario 3

#####

Analysis of Interference to Affected Station 12

Analysis of current record

Channel	Call	City/State	Application Ref. No.
12	WFEM-LP	HEISKELL, ETC. TN	BLTVL -19910624JI

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
12	WRDW-TV	AUGUSTA GA	356.8	PLN	DTVPLN -DTVP0370

WDEF-DT, Chattanooga, TN, OET-69 Post-Transition Interference Analysis (Worst-Case Scenarios)

12	WRDW-TV	AUGUSTA GA	356.6	CP	BPCDT	-20080407AAE
12	WRDW-TV	AUGUSTA GA	356.6	CP	BPCT	-20050228AAC
12	WYMT-TV	HAZARD KY	145.5	LIC	BLCDT	-20040109ACY
12	WYMT-TV	HAZARD KY	145.5	PLN	DTVPLN	-DTVP0379
12	W12AU	BURNSVILLE NC	155.8	LIC	BLTTV	-1997
12	W12CI	HOT SPRINGS NC	110.5	LIC	BLTTV	-19901224JI
12	W12AR	WAYNESVILLE, ETC. NC	110.2	LIC	BLTTV	-4877
12	WXII-TV	WINSTON-SALEM NC	328.8	LIC	BMLCT	-20040924ABM
12	WKRC-TV	CINCINNATI OH	341.0	LIC	BMLCT	-19860814KF
12	WKRC-TV	CINCINNATI OH	340.9	PLN	DTVPLN	-DTVP0397
12	WKRC-TV	CINCINNATI OH	341.0	CP	BPCDT	-20080304ABV
12	WDEF-TV	CHATTANOOGA TN	157.2	CP	BPCDT	-20080228ABR
12	WDEF-TV	CHATTANOOGA TN	157.2	PLN	DTVPLN	-DTVP0405
12	WDEF-TV	CHATTANOOGA TN	157.2	LIC	BLCT	-1619
12	WDEFDT	CHATTANOOGA TN	157.2	APP	USERRECORD-01	

Total scenarios = 1

Result key: 151
Scenario 1 Affected station 12
Before Analysis

Results for: 12N TN HEISKELL, ETC.	BLTVL	19910624JI	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	13495	105.5	
not affected by terrain losses	13495	104.5	
lost to NTSC IX	4545	23.7	
lost to additional IX by ATV	0	0.0	
lost to all IX	4545	23.7	

Potential Interfering Stations Included in above Scenario 1

12N TN CHATTANOOGA	BLCT	1619	LIC
12A TN CHATTANOOGA	DTVPLN	DTVP0405	PLN

After Analysis

Results for: 12N TN HEISKELL, ETC.	BLTVL	19910624JI	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	13495	105.5	
not affected by terrain losses	13495	104.5	
lost to NTSC IX	4545	23.7	
lost to additional IX by ATV	0	0.0	
lost to all IX	4545	23.7	

Potential Interfering Stations Included in above Scenario 1

12N TN CHATTANOOGA	BLCT	1619	LIC
12A TN CHATTANOOGA	USERRECORD01		APP

Percent new IX = 0.0000%

Worst case new IX 0.0000% Scenario 1

#####

Analysis of Interference to Affected Station 13

WDEF-DT, Chattanooga, TN, OET-69 Post-Transition Interference Analysis (Worst-Case Scenarios)

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
13	WVTM-TV	BIRMINGHAM AL	BMPCDT	-20080410AAY

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
12	WSFA	MONTGOMERY AL	178.7	PLN	DTVPLN	-DTVP0361
12	WSFA	MONTGOMERY AL	178.7	CP	BPCDT	-20080505ABL
12	WMAE-TV	BOONEVILLE MS	222.4	PLN	DTVPLN	-DTVP0385
12	WMAE-TV	BOONEVILLE MS	222.4	CP	BPEDT	-20080314ADA
12	WDEF-TV	CHATTANOOGA TN	227.4	PLN	DTVPLN	-DTVP0405
13	WMBB	PANAMA CITY FL	373.2	PLN	DTVPLN	-DTVP0426
13	WMBB	PANAMA CITY FL	373.2	CP	BPCDT	-20080410AAW
13	WMAZ-TV	MACON GA	312.3	CP	BPCDT	-20080306AAN
13	WMAZ-TV	MACON GA	312.3	PLN	DTVPLN	-DTVP0429
13	WBKO	BOWLING GREEN KY	398.6	PLN	DTVPLN	-DTVP0439
13	WBKO	BOWLING GREEN KY	398.5	CP	BPCDT	-20080327AHO
13	WLOX	BILOXI MS	375.9	PLN	DTVPLN	-DTVP0448
13	WLOS	ASHEVILLE NC	428.1	PLN	DTVPLN	-DTVP0452
13	WLOS	ASHEVILLE NC	428.1	CP	BPCDT	-20080317AGL
13	WRCB-TV	CHATTANOOGA TN	230.2	LIC	BLCDT	-20041027ADA
13	WRCB-TV	CHATTANOOGA TN	230.2	PLN	DTVPLN	-DTVP0475
13	WHBQ-TV	MEMPHIS TN	336.6	PLN	DTVPLN	-DTVP0476
13	WHBQ-TV	MEMPHIS TN	336.6	CP	BPCDT	-20080313ACS
12	WDEFDT	CHATTANOOGA TN	227.4	APP	USERRECORD	-01

Proposal causes no interference

#####

Analysis of Interference to Affected Station 14

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
13	WVTM-TV	BIRMINGHAM AL	DTVPLN	-DTVP0417

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
12	WSFA	MONTGOMERY AL	178.7	PLN	DTVPLN	-DTVP0361
12	WSFA	MONTGOMERY AL	178.7	CP	BPCDT	-20080505ABL
12	WMAE-TV	BOONEVILLE MS	222.4	PLN	DTVPLN	-DTVP0385
12	WMAE-TV	BOONEVILLE MS	222.4	CP	BPEDT	-20080314ADA
12	WDEF-TV	CHATTANOOGA TN	227.4	PLN	DTVPLN	-DTVP0405
13	WMBB	PANAMA CITY FL	373.2	PLN	DTVPLN	-DTVP0426
13	WMBB	PANAMA CITY FL	373.2	CP	BPCDT	-20080410AAW
13	WMAZ-TV	MACON GA	312.3	CP	BPCDT	-20080306AAN
13	WMAZ-TV	MACON GA	312.3	PLN	DTVPLN	-DTVP0429
13	WBKO	BOWLING GREEN KY	398.6	PLN	DTVPLN	-DTVP0439
13	WBKO	BOWLING GREEN KY	398.5	CP	BPCDT	-20080327AHO
13	WLOX	BILOXI MS	375.9	PLN	DTVPLN	-DTVP0448
13	WLOS	ASHEVILLE NC	428.1	PLN	DTVPLN	-DTVP0452
13	WLOS	ASHEVILLE NC	428.1	CP	BPCDT	-20080317AGL
13	WRCB-TV	CHATTANOOGA TN	230.2	LIC	BLCDT	-20041027ADA
13	WRCB-TV	CHATTANOOGA TN	230.2	PLN	DTVPLN	-DTVP0475
13	WHBQ-TV	MEMPHIS TN	336.6	PLN	DTVPLN	-DTVP0476
13	WHBQ-TV	MEMPHIS TN	336.6	CP	BPCDT	-20080313ACS
12	WDEFDT	CHATTANOOGA TN	227.4	APP	USERRECORD	-01

Proposal causes no interference

WDEF-DT, Chattanooga, TN, OET-69 Post-Transition Interference Analysis (Worst-Case Scenarios)

#####

Analysis of Interference to Affected Station 15

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
13	WRCB-TV	CHATTANOOGA TN	BLCDT	-20041027ADA

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
12	WDEF-TV	CHATTANOOGA TN	3.0	PLN	DTVPLN	-DTVP0405
13	WVTM-TV	BIRMINGHAM AL	230.2	CP MOD	BMPCDT	-20080410AAY
13	WVTM-TV	BIRMINGHAM AL	230.2	PLN	DTVPLN	-DTVP0417
13	WMAZ-TV	MACON GA	312.8	CP	BPCDT	-20080306AAN
13	WMAZ-TV	MACON GA	312.8	PLN	DTVPLN	-DTVP0429
13	WBKO	BOWLING GREEN KY	234.3	PLN	DTVPLN	-DTVP0439
13	WBKO	BOWLING GREEN KY	234.2	CP	BPCDT	-20080327AHO
13	WKYT-TV	LEXINGTON KY	330.1	LIC	BLCDT	-20021025AAO
13	WKYT-TV	LEXINGTON KY	330.1	PLN	DTVPLN	-DTVP0440
13	WLOS	ASHEVILLE NC	233.8	PLN	DTVPLN	-DTVP0452
13	WLOS	ASHEVILLE NC	233.8	CP	BPCDT	-20080317AGL
13	WHBQ-TV	MEMPHIS TN	411.6	PLN	DTVPLN	-DTVP0476
13	WHBQ-TV	MEMPHIS TN	411.7	CP	BPCDT	-20080313ACS
12	WDEFDT	CHATTANOOGA TN	3.0	APP	USERRECORD	-01

Total scenarios = 32

Result key: 156

Scenario 5 Affected station 15

Before Analysis

Results for: 13A TN CHATTANOOGA BLCDT 20041027ADA LIC

HAAT 335.0 m, ATV ERP 34.8 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1259499	28522.2
not affected by terrain losses	1103744	23656.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	53856	1424.1
lost to ATV IX only	53856	1424.1
lost to all IX	53856	1424.1

Potential Interfering Stations Included in above Scenario 5

13A AL BIRMINGHAM	BMPCDT	20080410AAY	CP
13A GA MACON	BPCDT	20080306AAN	CP
13A KY BOWLING GREEN	BPCDT	20080327AHO	CP
13A KY LEXINGTON	BLCDT	20021025AAO	LIC
13A NC ASHEVILLE	DTVPLN	DTVP0452	PLN
12A TN CHATTANOOGA	DTVPLN	DTVP0405	PLN

After Analysis

Results for: 13A TN CHATTANOOGA BLCDT 20041027ADA LIC

HAAT 335.0 m, ATV ERP 34.8 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1259499	28522.2

WDEF-DT, Chattanooga, TN, OET-69 Post-Transition Interference Analysis (Worst-Case Scenarios)

not affected by terrain losses	1103744	23656.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	58788	1647.8
lost to ATV IX only	58788	1647.8
lost to all IX	58788	1647.8

Potential Interfering Stations Included in above Scenario 5

13A AL BIRMINGHAM	BMPCDT	20080410AAY	CP
13A GA MACON	BPCDT	20080306AAN	CP
13A KY BOWLING GREEN	BPCDT	20080327AHO	CP
13A KY LEXINGTON	BLCDT	20021025AAO	LIC
13A NC ASHEVILLE	DTVPLN	DTVP0452	PLN
12A TN CHATTANOOGA	USERRECORD01		APP

Percent new IX = 0.4698%

Worst case new IX 0.4698% Scenario 5

#####

Analysis of Interference to Affected Station 16

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
13	WRCB-TV	CHATTANOOGA TN	DTVPLN	-DTVP0475

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
12	WDEF-TV	CHATTANOOGA TN	3.0	PLN	DTVPLN	-DTVP0405
13	WVTM-TV	BIRMINGHAM AL	230.2	CP MOD	BMPCDT	-20080410AAY
13	WVTM-TV	BIRMINGHAM AL	230.2	PLN	DTVPLN	-DTVP0417
13	WMAZ-TV	MACON GA	312.8	CP	BPCDT	-20080306AAN
13	WMAZ-TV	MACON GA	312.8	PLN	DTVPLN	-DTVP0429
13	WBKO	BOWLING GREEN KY	234.3	PLN	DTVPLN	-DTVP0439
13	WBKO	BOWLING GREEN KY	234.2	CP	BPCDT	-20080327AHO
13	WKYT-TV	LEXINGTON KY	330.1	LIC	BLCDT	-20021025AAO
13	WKYT-TV	LEXINGTON KY	330.1	PLN	DTVPLN	-DTVP0440
13	WLOS	ASHEVILLE NC	233.8	PLN	DTVPLN	-DTVP0452
13	WLOS	ASHEVILLE NC	233.8	CP	BPCDT	-20080317AGL
13	WHBQ-TV	MEMPHIS TN	411.6	PLN	DTVPLN	-DTVP0476
13	WHBQ-TV	MEMPHIS TN	411.7	CP	BPCDT	-20080313ACS
12	WDEFDT	CHATTANOOGA TN	3.0	APP	USERRECORD-01	

Total scenarios = 32

Result key: 188

Scenario 5 Affected station 16

Before Analysis

Results for: 13A TN CHATTANOOGA DTVPLN DTVP0475 PLN
HAAT 335.0 m, ATV ERP 34.8 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1259499	28522.2
not affected by terrain losses	1103744	23656.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	53856	1424.1
lost to ATV IX only	53856	1424.1

WDEF-DT, Chattanooga, TN, OET-69 Post-Transition Interference Analysis (Worst-Case Scenarios)

lost to all IX 53856 1424.1

Potential Interfering Stations Included in above Scenario 5

13A AL BIRMINGHAM	BMPCDT	20080410AAY	CP
13A GA MACON	BPCDT	20080306AAN	CP
13A KY BOWLING GREEN	BPCDT	20080327AHO	CP
13A KY LEXINGTON	BLCDT	20021025AAO	LIC
13A NC ASHEVILLE	DTVPLN	DTVP0452	PLN
12A TN CHATTANOOGA	DTVPLN	DTVP0405	PLN

After Analysis

Results for: 13A TN CHATTANOOGA DTVPLN DTVP0475 PLN

HAAT 335.0 m, ATV ERP 34.8 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1259499	28522.2
not affected by terrain losses	1103744	23656.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	58788	1647.8
lost to ATV IX only	58788	1647.8
lost to all IX	58788	1647.8

Potential Interfering Stations Included in above Scenario 5

13A AL BIRMINGHAM	BMPCDT	20080410AAY	CP
13A GA MACON	BPCDT	20080306AAN	CP
13A KY BOWLING GREEN	BPCDT	20080327AHO	CP
13A KY LEXINGTON	BLCDT	20021025AAO	LIC
13A NC ASHEVILLE	DTVPLN	DTVP0452	PLN
12A TN CHATTANOOGA	USERRECORD01		APP

Percent new IX = 0.4698%

Worst case new IX 0.4698% Scenario 5

#####

Analysis of Interference to Affected Station 17

Analysis of current record

Channel	Call	City/State	Application Ref. No.
12	WDEFDT	CHATTANOOGA TN	USERRECORD-01

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
12	WSFA	MONTGOMERY AL	359.8	PLN	DTVPLN -DTVP0361
12	WSFA	MONTGOMERY AL	359.8	CP	BPCDT -20080505ABL
12	WRDW-TV	AUGUSTA GA	372.8	PLN	DTVPLN -DTVP0370
12	WRDW-TV	AUGUSTA GA	372.7	CP	BPCDT -20080407AAE
12	WYMT-TV	HAZARD KY	298.9	LIC	BLCDT -20040109ACY
12	WYMT-TV	HAZARD KY	298.9	PLN	DTVPLN -DTVP0379
12	WMAE-TV	BOONEVILLE MS	316.8	PLN	DTVPLN -DTVP0385
12	WMAE-TV	BOONEVILLE MS	316.8	CP	BPEDT -20080314ADA
13	WVTM-TV	BIRMINGHAM AL	227.4	CP MOD	BMPCDT -20080410AAY
13	WVTM-TV	BIRMINGHAM AL	227.4	PLN	DTVPLN -DTVP0417
13	WRCB-TV	CHATTANOOGA TN	3.0	LIC	BLCDT -20041027ADA
13	WRCB-TV	CHATTANOOGA TN	3.0	PLN	DTVPLN -DTVP0475

WDEF-DT, Chattanooga, TN, OET-69 Post-Transition Interference Analysis (Worst-Case Scenarios)

Total scenarios = 32

Result key: 216
Scenario 1 Affected station 17
Before Analysis

Results for: 12A TN CHATTANOOGA USERRECORD01 APP
HAAT 420.0 m, ATV ERP 26.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1549845	37687.3
not affected by terrain losses	1355732	31204.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	31863	811.2
lost to ATV IX only	31863	811.2
lost to all IX	31863	811.2

Potential Interfering Stations Included in above Scenario 1

12A AL MONTGOMERY	DTVPLN	DTVP0361	PLN
12A GA AUGUSTA	DTVPLN	DTVP0370	PLN
12A KY HAZARD	BLCDT	20040109ACY	LIC
12A MS BOONEVILLE	DTVPLN	DTVP0385	PLN
13A TN CHATTANOOGA	BLCDT	20041027ADA	LIC

Result key: 217
Scenario 2 Affected station 17
Before Analysis

Results for: 12A TN CHATTANOOGA USERRECORD01 APP
HAAT 420.0 m, ATV ERP 26.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1549845	37687.3
not affected by terrain losses	1355732	31204.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	31863	811.2
lost to ATV IX only	31863	811.2
lost to all IX	31863	811.2

Potential Interfering Stations Included in above Scenario 2

12A AL MONTGOMERY	DTVPLN	DTVP0361	PLN
12A GA AUGUSTA	DTVPLN	DTVP0370	PLN
12A KY HAZARD	BLCDT	20040109ACY	LIC
12A MS BOONEVILLE	DTVPLN	DTVP0385	PLN
13A TN CHATTANOOGA	DTVPLN	DTVP0475	PLN

Result key: 218
Scenario 3 Affected station 17
Before Analysis

Results for: 12A TN CHATTANOOGA USERRECORD01 APP
HAAT 420.0 m, ATV ERP 26.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1549845	37687.3
not affected by terrain losses	1355732	31204.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	31863	811.2
lost to ATV IX only	31863	811.2
lost to all IX	31863	811.2

WDEF-DT, Chattanooga, TN, OET-69 Post-Transition Interference Analysis (Worst-Case Scenarios)

Potential Interfering Stations Included in above Scenario 3

12A AL MONTGOMERY	DTVPLN	DTVP0361	PLN
12A GA AUGUSTA	DTVPLN	DTVP0370	PLN
12A KY HAZARD	BLCDT	20040109ACY	LIC
12A MS BOONEVILLE	BPEDT	20080314ADA	CP
13A TN CHATTANOOGA	BLCDT	20041027ADA	LIC

Result key: 219
Scenario 4 Affected station 17
Before Analysis

Results for: 12A TN CHATTANOOGA USERRECORD01 APP

HAAT 420.0 m, ATV ERP 26.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1549845	37687.3
not affected by terrain losses	1355732	31204.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	31863	811.2
lost to ATV IX only	31863	811.2
lost to all IX	31863	811.2

Potential Interfering Stations Included in above Scenario 4

12A AL MONTGOMERY	DTVPLN	DTVP0361	PLN
12A GA AUGUSTA	DTVPLN	DTVP0370	PLN
12A KY HAZARD	BLCDT	20040109ACY	LIC
12A MS BOONEVILLE	BPEDT	20080314ADA	CP
13A TN CHATTANOOGA	DTVPLN	DTVP0475	PLN

Result key: 220
Scenario 5 Affected station 17
Before Analysis

Results for: 12A TN CHATTANOOGA USERRECORD01 APP

HAAT 420.0 m, ATV ERP 26.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1549845	37687.3
not affected by terrain losses	1355732	31204.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	31863	811.2
lost to ATV IX only	31863	811.2
lost to all IX	31863	811.2

Potential Interfering Stations Included in above Scenario 5

12A AL MONTGOMERY	DTVPLN	DTVP0361	PLN
12A GA AUGUSTA	DTVPLN	DTVP0370	PLN
12A KY HAZARD	DTVPLN	DTVP0379	PLN
12A MS BOONEVILLE	DTVPLN	DTVP0385	PLN
13A TN CHATTANOOGA	BLCDT	20041027ADA	LIC

Result key: 221
Scenario 6 Affected station 17
Before Analysis

Results for: 12A TN CHATTANOOGA USERRECORD01 APP

HAAT 420.0 m, ATV ERP 26.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1549845	37687.3

WDEF-DT, Chattanooga, TN, OET-69 Post-Transition Interference Analysis (Worst-Case Scenarios)

not affected by terrain losses	1355732	31204.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	31863	811.2
lost to ATV IX only	31863	811.2
lost to all IX	31863	811.2

Potential Interfering Stations Included in above Scenario 6

12A AL MONTGOMERY	DTVPLN	DTVP0361	PLN
12A GA AUGUSTA	DTVPLN	DTVP0370	PLN
12A KY HAZARD	DTVPLN	DTVP0379	PLN
12A MS BOONEVILLE	DTVPLN	DTVP0385	PLN
13A TN CHATTANOOGA	DTVPLN	DTVP0475	PLN

Result key: 222
 Scenario 7 Affected station 17
 Before Analysis

Results for: 12A TN CHATTANOOGA USERRECORD01 APP
 HAAT 420.0 m, ATV ERP 26.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1549845	37687.3
not affected by terrain losses	1355732	31204.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	31863	811.2
lost to ATV IX only	31863	811.2
lost to all IX	31863	811.2

Potential Interfering Stations Included in above Scenario 7

12A AL MONTGOMERY	DTVPLN	DTVP0361	PLN
12A GA AUGUSTA	DTVPLN	DTVP0370	PLN
12A KY HAZARD	DTVPLN	DTVP0379	PLN
12A MS BOONEVILLE	BPEDT	20080314ADA	CP
13A TN CHATTANOOGA	BLCDT	20041027ADA	LIC

Result key: 223
 Scenario 8 Affected station 17
 Before Analysis

Results for: 12A TN CHATTANOOGA USERRECORD01 APP
 HAAT 420.0 m, ATV ERP 26.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1549845	37687.3
not affected by terrain losses	1355732	31204.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	31863	811.2
lost to ATV IX only	31863	811.2
lost to all IX	31863	811.2

Potential Interfering Stations Included in above Scenario 8

12A AL MONTGOMERY	DTVPLN	DTVP0361	PLN
12A GA AUGUSTA	DTVPLN	DTVP0370	PLN
12A KY HAZARD	DTVPLN	DTVP0379	PLN
12A MS BOONEVILLE	BPEDT	20080314ADA	CP
13A TN CHATTANOOGA	DTVPLN	DTVP0475	PLN

Result key: 224
 Scenario 9 Affected station 17
 Before Analysis

WDEF-DT, Chattanooga, TN, OET-69 Post-Transition Interference Analysis (Worst-Case Scenarios)

Results for: 12A TN CHATTANOOGA USERRECORD01 APP

HAAT 420.0 m, ATV ERP 26.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1549845	37687.3
not affected by terrain losses	1355732	31204.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	31771	810.2
lost to ATV IX only	31771	810.2
lost to all IX	31771	810.2

Potential Interfering Stations Included in above Scenario 9

12A AL MONTGOMERY	DTVPLN	DTVP0361	PLN
12A GA AUGUSTA	BPCDT	20080407AAE	CP
12A KY HAZARD	BLCDT	20040109ACY	LIC
12A MS BOONEVILLE	DTVPLN	DTVP0385	PLN
13A TN CHATTANOOGA	BLCDT	20041027ADA	LIC

Result key: 225

Scenario 10 Affected station 17

Before Analysis

Results for: 12A TN CHATTANOOGA USERRECORD01 APP

HAAT 420.0 m, ATV ERP 26.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1549845	37687.3
not affected by terrain losses	1355732	31204.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	31771	810.2
lost to ATV IX only	31771	810.2
lost to all IX	31771	810.2

Potential Interfering Stations Included in above Scenario 10

12A AL MONTGOMERY	DTVPLN	DTVP0361	PLN
12A GA AUGUSTA	BPCDT	20080407AAE	CP
12A KY HAZARD	BLCDT	20040109ACY	LIC
12A MS BOONEVILLE	DTVPLN	DTVP0385	PLN
13A TN CHATTANOOGA	DTVPLN	DTVP0475	PLN

Result key: 226

Scenario 11 Affected station 17

Before Analysis

Results for: 12A TN CHATTANOOGA USERRECORD01 APP

HAAT 420.0 m, ATV ERP 26.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1549845	37687.3
not affected by terrain losses	1355732	31204.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	31771	810.2
lost to ATV IX only	31771	810.2
lost to all IX	31771	810.2

Potential Interfering Stations Included in above Scenario 11

12A AL MONTGOMERY	DTVPLN	DTVP0361	PLN
12A GA AUGUSTA	BPCDT	20080407AAE	CP
12A KY HAZARD	BLCDT	20040109ACY	LIC
12A MS BOONEVILLE	BPEDT	20080314ADA	CP

WDEF-DT, Chattanooga, TN, OET-69 Post-Transition Interference Analysis (Worst-Case Scenarios)

13A TN CHATTANOOGA BLCDT 20041027ADA LIC

Result key: 227
Scenario 12 Affected station 17
Before Analysis

Results for: 12A TN CHATTANOOGA USERRECORD01 APP

HAAT 420.0 m, ATV ERP 26.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1549845	37687.3
not affected by terrain losses	1355732	31204.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	31771	810.2
lost to ATV IX only	31771	810.2
lost to all IX	31771	810.2

Potential Interfering Stations Included in above Scenario 12

12A AL MONTGOMERY	DTVPLN	DTVP0361	PLN
12A GA AUGUSTA	BPCDT	20080407AAE	CP
12A KY HAZARD	BLCDT	20040109ACY	LIC
12A MS BOONEVILLE	BPEDT	20080314ADA	CP
13A TN CHATTANOOGA	DTVPLN	DTVP0475	PLN

Result key: 228
Scenario 13 Affected station 17
Before Analysis

Results for: 12A TN CHATTANOOGA USERRECORD01 APP

HAAT 420.0 m, ATV ERP 26.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1549845	37687.3
not affected by terrain losses	1355732	31204.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	31771	810.2
lost to ATV IX only	31771	810.2
lost to all IX	31771	810.2

Potential Interfering Stations Included in above Scenario 13

12A AL MONTGOMERY	DTVPLN	DTVP0361	PLN
12A GA AUGUSTA	BPCDT	20080407AAE	CP
12A KY HAZARD	DTVPLN	DTVP0379	PLN
12A MS BOONEVILLE	DTVPLN	DTVP0385	PLN
13A TN CHATTANOOGA	BLCDT	20041027ADA	LIC

Result key: 229
Scenario 14 Affected station 17
Before Analysis

Results for: 12A TN CHATTANOOGA USERRECORD01 APP

HAAT 420.0 m, ATV ERP 26.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1549845	37687.3
not affected by terrain losses	1355732	31204.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	31771	810.2
lost to ATV IX only	31771	810.2
lost to all IX	31771	810.2

Potential Interfering Stations Included in above Scenario 14

WDEF-DT, Chattanooga, TN, OET-69 Post-Transition Interference Analysis (Worst-Case Scenarios)

12A AL MONTGOMERY	DTVPLN	DTVP0361	PLN
12A GA AUGUSTA	BPCDT	20080407AAE	CP
12A KY HAZARD	DTVPLN	DTVP0379	PLN
12A MS BOONEVILLE	DTVPLN	DTVP0385	PLN
13A TN CHATTANOOGA	DTVPLN	DTVP0475	PLN

Result key: 230
 Scenario 15 Affected station 17
 Before Analysis

Results for: 12A TN CHATTANOOGA USERRECORD01 APP

HAAT 420.0 m, ATV ERP 26.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1549845	37687.3
not affected by terrain losses	1355732	31204.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	31771	810.2
lost to ATV IX only	31771	810.2
lost to all IX	31771	810.2

Potential Interfering Stations Included in above Scenario 15

12A AL MONTGOMERY	DTVPLN	DTVP0361	PLN
12A GA AUGUSTA	BPCDT	20080407AAE	CP
12A KY HAZARD	DTVPLN	DTVP0379	PLN
12A MS BOONEVILLE	BPEDT	20080314ADA	CP
13A TN CHATTANOOGA	BLCDT	20041027ADA	LIC

Result key: 231
 Scenario 16 Affected station 17
 Before Analysis

Results for: 12A TN CHATTANOOGA USERRECORD01 APP

HAAT 420.0 m, ATV ERP 26.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1549845	37687.3
not affected by terrain losses	1355732	31204.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	31771	810.2
lost to ATV IX only	31771	810.2
lost to all IX	31771	810.2

Potential Interfering Stations Included in above Scenario 16

12A AL MONTGOMERY	DTVPLN	DTVP0361	PLN
12A GA AUGUSTA	BPCDT	20080407AAE	CP
12A KY HAZARD	DTVPLN	DTVP0379	PLN
12A MS BOONEVILLE	BPEDT	20080314ADA	CP
13A TN CHATTANOOGA	DTVPLN	DTVP0475	PLN

Result key: 232
 Scenario 17 Affected station 17
 Before Analysis

Results for: 12A TN CHATTANOOGA USERRECORD01 APP

HAAT 420.0 m, ATV ERP 26.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1549845	37687.3
not affected by terrain losses	1355732	31204.9
lost to NTSC IX	0	0.0

WDEF-DT, Chattanooga, TN, OET-69 Post-Transition Interference Analysis (Worst-Case Scenarios)

lost to additional IX by ATV	21454	598.4
lost to ATV IX only	21454	598.4
lost to all IX	21454	598.4

Potential Interfering Stations Included in above Scenario 17

12A AL MONTGOMERY	BPCDT	20080505ABL	CP
12A GA AUGUSTA	DTVPLN	DTVP0370	PLN
12A KY HAZARD	BLCDT	20040109ACY	LIC
12A MS BOONEVILLE	DTVPLN	DTVP0385	PLN
13A TN CHATTANOOGA	BLCDT	20041027ADA	LIC

Result key: 233
Scenario 18 Affected station 17
Before Analysis

Results for: 12A TN CHATTANOOGA USERRECORD01 APP

HAAT 420.0 m, ATV ERP 26.0 kW		
	POPULATION	AREA (sq km)
within Noise Limited Contour	1549845	37687.3
not affected by terrain losses	1355732	31204.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	21454	598.4
lost to ATV IX only	21454	598.4
lost to all IX	21454	598.4

Potential Interfering Stations Included in above Scenario 18

12A AL MONTGOMERY	BPCDT	20080505ABL	CP
12A GA AUGUSTA	DTVPLN	DTVP0370	PLN
12A KY HAZARD	BLCDT	20040109ACY	LIC
12A MS BOONEVILLE	DTVPLN	DTVP0385	PLN
13A TN CHATTANOOGA	DTVPLN	DTVP0475	PLN

Result key: 234
Scenario 19 Affected station 17
Before Analysis

Results for: 12A TN CHATTANOOGA USERRECORD01 APP

HAAT 420.0 m, ATV ERP 26.0 kW		
	POPULATION	AREA (sq km)
within Noise Limited Contour	1549845	37687.3
not affected by terrain losses	1355732	31204.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	21409	597.4
lost to ATV IX only	21409	597.4
lost to all IX	21409	597.4

Potential Interfering Stations Included in above Scenario 19

12A AL MONTGOMERY	BPCDT	20080505ABL	CP
12A GA AUGUSTA	DTVPLN	DTVP0370	PLN
12A KY HAZARD	BLCDT	20040109ACY	LIC
12A MS BOONEVILLE	BPEDT	20080314ADA	CP
13A TN CHATTANOOGA	BLCDT	20041027ADA	LIC

Result key: 235
Scenario 20 Affected station 17
Before Analysis

Results for: 12A TN CHATTANOOGA USERRECORD01 APP

WDEF-DT, Chattanooga, TN, OET-69 Post-Transition Interference Analysis (Worst-Case Scenarios)

HAAT 420.0 m, ATV ERP 26.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1549845	37687.3
not affected by terrain losses	1355732	31204.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	21409	597.4
lost to ATV IX only	21409	597.4
lost to all IX	21409	597.4

Potential Interfering Stations Included in above Scenario 20

12A AL MONTGOMERY	BPCDT	20080505ABL	CP
12A GA AUGUSTA	DTVPLN	DTVP0370	PLN
12A KY HAZARD	BLCDT	20040109ACY	LIC
12A MS BOONEVILLE	BPEDT	20080314ADA	CP
13A TN CHATTANOOGA	DTVPLN	DTVP0475	PLN

Result key: 236

Scenario 21 Affected station 17

Before Analysis

Results for: 12A TN CHATTANOOGA USERRECORD01 APP

HAAT 420.0 m, ATV ERP 26.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1549845	37687.3
not affected by terrain losses	1355732	31204.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	21454	598.4
lost to ATV IX only	21454	598.4
lost to all IX	21454	598.4

Potential Interfering Stations Included in above Scenario 21

12A AL MONTGOMERY	BPCDT	20080505ABL	CP
12A GA AUGUSTA	DTVPLN	DTVP0370	PLN
12A KY HAZARD	DTVPLN	DTVP0379	PLN
12A MS BOONEVILLE	DTVPLN	DTVP0385	PLN
13A TN CHATTANOOGA	BLCDT	20041027ADA	LIC

Result key: 237

Scenario 22 Affected station 17

Before Analysis

Results for: 12A TN CHATTANOOGA USERRECORD01 APP

HAAT 420.0 m, ATV ERP 26.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1549845	37687.3
not affected by terrain losses	1355732	31204.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	21454	598.4
lost to ATV IX only	21454	598.4
lost to all IX	21454	598.4

Potential Interfering Stations Included in above Scenario 22

12A AL MONTGOMERY	BPCDT	20080505ABL	CP
12A GA AUGUSTA	DTVPLN	DTVP0370	PLN
12A KY HAZARD	DTVPLN	DTVP0379	PLN
12A MS BOONEVILLE	DTVPLN	DTVP0385	PLN
13A TN CHATTANOOGA	DTVPLN	DTVP0475	PLN

WDEF-DT, Chattanooga, TN, OET-69 Post-Transition Interference Analysis (Worst-Case Scenarios)

Result key: 238
Scenario 23 Affected station 17
Before Analysis

Results for: 12A TN CHATTANOOGA USERRECORD01 APP

HAAT 420.0 m, ATV ERP 26.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1549845	37687.3
not affected by terrain losses	1355732	31204.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	21409	597.4
lost to ATV IX only	21409	597.4
lost to all IX	21409	597.4

Potential Interfering Stations Included in above Scenario 23

12A AL MONTGOMERY	BPCDT	20080505ABL	CP
12A GA AUGUSTA	DTVPLN	DTVP0370	PLN
12A KY HAZARD	DTVPLN	DTVP0379	PLN
12A MS BOONEVILLE	BPEDT	20080314ADA	CP
13A TN CHATTANOOGA	BLCDT	20041027ADA	LIC

Result key: 239
Scenario 24 Affected station 17
Before Analysis

Results for: 12A TN CHATTANOOGA USERRECORD01 APP

HAAT 420.0 m, ATV ERP 26.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1549845	37687.3
not affected by terrain losses	1355732	31204.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	21409	597.4
lost to ATV IX only	21409	597.4
lost to all IX	21409	597.4

Potential Interfering Stations Included in above Scenario 24

12A AL MONTGOMERY	BPCDT	20080505ABL	CP
12A GA AUGUSTA	DTVPLN	DTVP0370	PLN
12A KY HAZARD	DTVPLN	DTVP0379	PLN
12A MS BOONEVILLE	BPEDT	20080314ADA	CP
13A TN CHATTANOOGA	DTVPLN	DTVP0475	PLN

Result key: 240
Scenario 25 Affected station 17
Before Analysis

Results for: 12A TN CHATTANOOGA USERRECORD01 APP

HAAT 420.0 m, ATV ERP 26.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1549845	37687.3
not affected by terrain losses	1355732	31204.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	21356	597.4
lost to ATV IX only	21356	597.4
lost to all IX	21356	597.4

Potential Interfering Stations Included in above Scenario 25

12A AL MONTGOMERY	BPCDT	20080505ABL	CP
-------------------	-------	-------------	----

WDEF-DT, Chattanooga, TN, OET-69 Post-Transition Interference Analysis (Worst-Case Scenarios)

12A GA AUGUSTA	BPCDT	20080407AAE	CP
12A KY HAZARD	BLCDT	20040109ACY	LIC
12A MS BOONEVILLE	DTVPLN	DTVP0385	PLN
13A TN CHATTANOOGA	BLCDT	20041027ADA	LIC

Result key: 241
 Scenario 26 Affected station 17
 Before Analysis

Results for: 12A TN CHATTANOOGA USERRECORD01 APP

HAAT 420.0 m, ATV ERP 26.0 kW		
	POPULATION	AREA (sq km)
within Noise Limited Contour	1549845	37687.3
not affected by terrain losses	1355732	31204.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	21356	597.4
lost to ATV IX only	21356	597.4
lost to all IX	21356	597.4

Potential Interfering Stations Included in above Scenario 26

12A AL MONTGOMERY	BPCDT	20080505ABL	CP
12A GA AUGUSTA	BPCDT	20080407AAE	CP
12A KY HAZARD	BLCDT	20040109ACY	LIC
12A MS BOONEVILLE	DTVPLN	DTVP0385	PLN
13A TN CHATTANOOGA	DTVPLN	DTVP0475	PLN

Result key: 242
 Scenario 27 Affected station 17
 Before Analysis

Results for: 12A TN CHATTANOOGA USERRECORD01 APP

HAAT 420.0 m, ATV ERP 26.0 kW		
	POPULATION	AREA (sq km)
within Noise Limited Contour	1549845	37687.3
not affected by terrain losses	1355732	31204.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	21311	596.4
lost to ATV IX only	21311	596.4
lost to all IX	21311	596.4

Potential Interfering Stations Included in above Scenario 27

12A AL MONTGOMERY	BPCDT	20080505ABL	CP
12A GA AUGUSTA	BPCDT	20080407AAE	CP
12A KY HAZARD	BLCDT	20040109ACY	LIC
12A MS BOONEVILLE	BPEDT	20080314ADA	CP
13A TN CHATTANOOGA	BLCDT	20041027ADA	LIC

Result key: 243
 Scenario 28 Affected station 17
 Before Analysis

Results for: 12A TN CHATTANOOGA USERRECORD01 APP

HAAT 420.0 m, ATV ERP 26.0 kW		
	POPULATION	AREA (sq km)
within Noise Limited Contour	1549845	37687.3
not affected by terrain losses	1355732	31204.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	21311	596.4
lost to ATV IX only	21311	596.4

WDEF-DT, Chattanooga, TN, OET-69 Post-Transition Interference Analysis (Worst-Case Scenarios)

lost to all IX 21311 596.4

Potential Interfering Stations Included in above Scenario 28

12A AL MONTGOMERY	BPCDT	20080505ABL	CP
12A GA AUGUSTA	BPCDT	20080407AAE	CP
12A KY HAZARD	BLCDT	20040109ACY	LIC
12A MS BOONEVILLE	BPEDT	20080314ADA	CP
13A TN CHATTANOOGA	DTVPLN	DTVP0475	PLN

Result key: 244
Scenario 29 Affected station 17
Before Analysis

Results for: 12A TN CHATTANOOGA USERRECORD01 APP

HAAT 420.0 m, ATV ERP 26.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1549845	37687.3
not affected by terrain losses	1355732	31204.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	21356	597.4
lost to ATV IX only	21356	597.4
lost to all IX	21356	597.4

Potential Interfering Stations Included in above Scenario 29

12A AL MONTGOMERY	BPCDT	20080505ABL	CP
12A GA AUGUSTA	BPCDT	20080407AAE	CP
12A KY HAZARD	DTVPLN	DTVP0379	PLN
12A MS BOONEVILLE	DTVPLN	DTVP0385	PLN
13A TN CHATTANOOGA	BLCDT	20041027ADA	LIC

Result key: 245
Scenario 30 Affected station 17
Before Analysis

Results for: 12A TN CHATTANOOGA USERRECORD01 APP

HAAT 420.0 m, ATV ERP 26.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1549845	37687.3
not affected by terrain losses	1355732	31204.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	21356	597.4
lost to ATV IX only	21356	597.4
lost to all IX	21356	597.4

Potential Interfering Stations Included in above Scenario 30

12A AL MONTGOMERY	BPCDT	20080505ABL	CP
12A GA AUGUSTA	BPCDT	20080407AAE	CP
12A KY HAZARD	DTVPLN	DTVP0379	PLN
12A MS BOONEVILLE	DTVPLN	DTVP0385	PLN
13A TN CHATTANOOGA	DTVPLN	DTVP0475	PLN

Result key: 246
Scenario 31 Affected station 17
Before Analysis

Results for: 12A TN CHATTANOOGA USERRECORD01 APP

HAAT 420.0 m, ATV ERP 26.0 kW

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

WDEF-DT, Chattanooga, TN, OET-69 Post-Transition Interference Analysis (Worst-Case Scenarios)

within Noise Limited Contour	1549845	37687.3
not affected by terrain losses	1355732	31204.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	21311	596.4
lost to ATV IX only	21311	596.4
lost to all IX	21311	596.4

Potential Interfering Stations Included in above Scenario 31

12A AL MONTGOMERY	BPCDT	20080505ABL	CP
12A GA AUGUSTA	BPCDT	20080407AAE	CP
12A KY HAZARD	DTVPLN	DTVP0379	PLN
12A MS BOONEVILLE	BPEDT	20080314ADA	CP
13A TN CHATTANOOGA	BLCDT	20041027ADA	LIC

Result key: 247
Scenario 32 Affected station 17
Before Analysis

Results for: 12A TN CHATTANOOGA USERRECORD01 APP

HAAT 420.0 m, ATV ERP 26.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	1549845	37687.3
not affected by terrain losses	1355732	31204.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	21311	596.4
lost to ATV IX only	21311	596.4
lost to all IX	21311	596.4

Potential Interfering Stations Included in above Scenario 32

12A AL MONTGOMERY	BPCDT	20080505ABL	CP
12A GA AUGUSTA	BPCDT	20080407AAE	CP
12A KY HAZARD	DTVPLN	DTVP0379	PLN
12A MS BOONEVILLE	BPEDT	20080314ADA	CP
13A TN CHATTANOOGA	DTVPLN	DTVP0475	PLN

#####

FINISHED FINISHED FINISHED FINISHED FINISHED FINISHED