

Percent allowed new interference: 0.000  
Percent allowed new interference to Class A: 0.000  
TW Census data selected 2000  
Post Transition Data Base Selected /space/software/cdbb/pt\_tvdb.sff

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 06-18-2008 Time: 21:49:07

Record Selected for Analysis

WDIV USERRECORD-01 DETROIT MI US  
Channel 45 ERP 872. kW HAAT 306. m RCAMSL 00517 m  
Latitude 042-28-58 Longitude 0083-12-19  
Status APP Zone 1 Border  
Dir Antenna Make usr Model WDIV\_27ETT 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 meets maximum height/power limits

Azimuth (Deg)	ERP (kW)	HAAT (m)	41.0 dBu F(50,90) (km)
0.0	741.273	274.8	90.3
45.0	864.170	319.6	97.7
90.0	573.533	323.0	94.4
135.0	319.174	319.8	89.0
180.0	341.716	322.8	89.9
225.0	828.945	324.6	97.8
270.0	790.297	298.2	94.4

315.0        814.555        266.5        89.8

Evaluation toward Class A Stations

Contour overlap to Class A station

WFWC-CA 45 FORT WAYNE        IN BLTTL        19900727IO

Class A Evaluation Complete

SPACING VIOLATION FOUND BETWEEN STATION

WDIV        45 DETROIT        MI USERRECORD01

and station

SHORT TO: WPXD        31 ANN ARBOR        MI BLCT        20001005AEE  
042-22-25 0084-04-10  
Req. separation => 24.1 <= 80.5 Actual separation 72.1 Short 8.4( 48.0) km

SHORT TO: WADL        38 MOUNT CLEMENS        MI BLCT        19890531KG  
042-33-15 0082-53-15  
Req. separation => 24.1 <= 80.5 Actual separation 27.3 Short 53.2( 3.2) km

SHORT TO: WDIV-TV 45 DETROIT        MI BLCDT        19990429KX  
042-28-58 0083-12-19  
Req. separation 196.3 Actual separation 0.0 Short 196.3 km

SHORT TO: WDIV-TV 45 DETROIT        MI DTVPLN        DTVPL1617  
42 -28-58 83 -12-19

Req. separation 196.3 Actual separation 0.0 Short 196.3 km

SHORT TO: WLLA 45 KALAMAZOO MI BLCDT 20070529AEA  
042-33-52 0085-27-31  
Req. separation 196.3 Actual separation 185.4 Short 10.9 km

SHORT TO: WLLA 45 KALAMAZOO MI DTVPLN DTVP1618  
42 -33-52 85 -27-31  
Req. separation 196.3 Actual separation 185.4 Short 10.9 km

SHORT TO: WUPW 46 TOLEDO OH BLCDT 20030411AAF  
041-39-22 0083-26-41  
Req. separation => 24.0 <= 110.0 Actual separation 93.9 Short 16.1( 69.9) km

SHORT TO: WUPW 46 TOLEDO OH DTVPLN DTVP1653  
41 -39-22 83 -26-41  
Req. separation => 24.0 <= 110.0 Actual separation 93.9 Short 16.1( 69.9) 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 within the Canadian coordination distance  
Distance to border = 21.6km

Proposed facility is beyond the Mexican coordination distance

Proposed station is OK toward AM broadcast stations

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Start of Interference Analysis

Channel	Proposed Station Call	City/State	ARN
45	WDIV	DETROIT MI	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
44	WZPX	BATTLE CREEK MI	153.8	LIC	BLCDT	-20020510AAG
44	WZPX	BATTLE CREEK MI	153.8	PLN	DTVPLN	-DTVP1580
44	WWJ-TV	DETROIT MI	4.7	APP	BPCDT	-20040803AAX
44	WWJ-TV	DETROIT MI	4.7	PLN	DTVPLN	-DTVP1581
44	WWJ-TV	DETROIT MI	4.7	CP	BPCDT	-20080130AOM
44	WWJ-TV	DETROIT MI	4.7	LIC	BLCDT	-19990720LH
44	WTLW	LIMA OH	207.7	PLN	DTVPLN	-DTVP1591
44	WTLW	LIMA OH	207.7	CP	BPCDT	-20080402AAC
45	WSNS-TV	CHICAGO IL	371.0	LIC	BLCDT	-20010612AIB
45	WSNS-TV	CHICAGO IL	371.0	PLN	DTVPLN	-DTVP1611
45	WFWC-CA	FORT WAYNE IN	222.4	LIC	BLTTL	-19900727IO
45	WXIN	INDIANAPOLIS IN	382.0	LIC	BLCDT	-20031003ABM
45	WXIN	INDIANAPOLIS IN	382.0	PLN	DTVPLN	-DTVP1613
45	WLLA	KALAMAZOO MI	184.8	LIC	BLCDT	-20070529AEA
45	WLLA	KALAMAZOO MI	184.8	PLN	DTVPLN	-DTVP1618
45	WNEO	ALLIANCE OH	258.8	PLN	DTVPLN	-DTVP1626
45	WNEO	ALLIANCE OH	258.7	CP	BPEDT	-20080317AGT
46	WBSF	BAY CITY MI	121.9	APP	BPCDT	-20080317AHM
46	WBSF	BAY CITY MI	121.8	PLN	DTVPLN	-DTVP1648
46	WUPW	TOLEDO OH	94.0	LIC	BLCDT	-20030411AAF
46	WUPW	TOLEDO OH	94.0	PLN	DTVPLN	-DTVP1653
48	WMNT-CA	TOLEDO OH	96.0	LIC	BLTTL	-19990607JB

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Analysis of current record

Channel	Call	City/State	Application Ref. No.
44	WZPX	BATTLE CREEK MI	BLCDT -20020510AAG

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
43	WTVS	DETROIT MI	157.1	LIC	BLEDT -20001117ABV
43	WTVS	DETROIT MI	157.1	PLN	DTVPLN -DTVP1541
44	WDTI	INDIANAPOLIS IN	323.8	CP MOD	BMPEDT -20070523ACG
44	WDTI	INDIANAPOLIS IN	324.3	PLN	DTVPLN -DTVP1574
44	WWJ-TV	DETROIT MI	157.1	APP	BPCDT -20040803AAX
44	WWJ-TV	DETROIT MI	157.1	PLN	DTVPLN -DTVP1581
44	WWJ-TV	DETROIT MI	157.1	CP	BPCDT -20080130AOM
44	WWJ-TV	DETROIT MI	157.1	LIC	BLCDT -19990720LH
44	WTLW	LIMA OH	225.2	PLN	DTVPLN -DTVP1591
44	WTLW	LIMA OH	225.2	CP	BPCDT -20080402AAC
44	WWAZ-TV	FOND DU LAC WI	293.3	CP MOD	BMPCDT -20040209ABG
44	WWAZ-TV	FOND DU LAC WI	293.3	PLN	DTVPLN -DTVP1601
45	WDIV-TV	DETROIT MI	153.8	PLN	DTVPLN -DTVP1617
45	WLLA	KALAMAZOO MI	34.6	LIC	BLCDT -20070529AEA
45	WLLA	KALAMAZOO MI	34.6	PLN	DTVPLN -DTVP1618
45	WDIV	DETROIT MI	153.8	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.
44	WZPX	BATTLE CREEK MI	DTVPLN -DTVP1580

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
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43	WTVS	DETROIT MI	157.1	LIC	BLEDT	-20001117ABV
43	WTVS	DETROIT MI	157.1	PLN	DTVPLN	-DTVP1541
44	WDTI	INDIANAPOLIS IN	323.8	CP MOD	BMPEDT	-20070523ACG
44	WDTI	INDIANAPOLIS IN	324.3	PLN	DTVPLN	-DTVP1574
44	WWJ-TV	DETROIT MI	157.1	APP	BPCDT	-20040803AAX
44	WWJ-TV	DETROIT MI	157.1	PLN	DTVPLN	-DTVP1581
44	WWJ-TV	DETROIT MI	157.1	CP	BPCDT	-20080130AOM
44	WWJ-TV	DETROIT MI	157.1	LIC	BLCDT	-19990720LH
44	WTLW	LIMA OH	225.2	PLN	DTVPLN	-DTVP1591
44	WTLW	LIMA OH	225.2	CP	BPCDT	-20080402AAC
44	WWAZ-TV	FOND DU LAC WI	293.3	CP MOD	BMPCDT	-20040209ABG
44	WWAZ-TV	FOND DU LAC WI	293.3	PLN	DTVPLN	-DTVP1601
45	WDIV-TV	DETROIT MI	153.8	PLN	DTVPLN	-DTVP1617
45	WLLA	KALAMAZOO MI	34.6	LIC	BLCDT	-20070529AEA
45	WLLA	KALAMAZOO MI	34.6	PLN	DTVPLN	-DTVP1618
45	WDIV	DETROIT MI	153.8	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.
44	WWJ-TV	DETROIT MI	BPCDT	-20040803AAX

#### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
43	WTVS	DETROIT MI	0.0	LIC	BLEDT	-20001117ABV
43	WTVS	DETROIT MI	0.0	PLN	DTVPLN	-DTVP1541
44	WDTI	INDIANAPOLIS IN	380.7	CP MOD	BMPEDT	-20070523ACG
44	WDTI	INDIANAPOLIS IN	380.9	PLN	DTVPLN	-DTVP1574
44	WZPX	BATTLE CREEK MI	157.1	LIC	BLCDT	-20020510AAG
44	WZPX	BATTLE CREEK MI	157.1	PLN	DTVPLN	-DTVP1580
44	WTLW	LIMA OH	205.2	PLN	DTVPLN	-DTVP1591
44	WTLW	LIMA OH	205.2	CP	BPCDT	-20080402AAC
45	WDIV-TV	DETROIT MI	4.7	PLN	DTVPLN	-DTVP1617

45	WLLA	KALAMAZOO MI	187.7	LIC	BLCDT	-20070529AEA
45	WLLA	KALAMAZOO MI	187.7	PLN	DTVPLN	-DTVP1618
45	WDIV	DETROIT MI	4.7	APP	USERRECORD-01	

Total scenarios = 4

Result key: 1  
Scenario 1 Affected station 3  
Before Analysis

Results for: 44A MI DETROIT BPCDT 20040803AAX APP  
HAAT 323.0 m, ATV ERP 345.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	5436759	24947.0
not affected by terrain losses	5435122	24930.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	303694	2265.7
lost to ATV IX only	303694	2265.7
lost to all IX	303694	2265.7

Potential Interfering Stations Included in above Scenario 1

44A MI BATTLE CREEK	BLCDT	20020510AAG	LIC
44A OH LIMA	DTVPLN	DTVP1591	PLN

After Analysis

Results for: 44A MI DETROIT BPCDT 20040803AAX APP  
HAAT 323.0 m, ATV ERP 345.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	5436759	24947.0
not affected by terrain losses	5435122	24930.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	303917	2277.8
lost to ATV IX only	303917	2277.8
lost to all IX	303917	2277.8

Potential Interfering Stations Included in above Scenario 1

44A MI BATTLE CREEK	BLCDT	20020510AAG	LIC
44A OH LIMA	DTVPLN	DTVP1591	PLN
45A MI DETROIT	USERRECORD01		APP

The following station failed the de minimis interference criteria.

45D MI DETROIT                      USERRECORD01  
 ERP 872.00 kW HAAT 306.0 m RCAMSL 517.0 m  
 Antenna usr WDIV\_27ETT

Due to interference to the following station and scenario:                      1

44D MI DETROIT                      BPCDT                      20040803AAX  
 ERP 345.00 kW HAAT 323.0 m RCAMSL 523.0 m  
 Antenna CDB 999999999999999

Percent new interference from proposal:                      0.0043 to BPCDT                      20040803AAX

Result key:                      2  
 Scenario                      2      Affected station                      3  
 Before Analysis

Results for: 44A MI DETROIT                      BPCDT                      20040803AAX      APP

HAAT 323.0 m, ATV ERP 345.0 kW		
	POPULATION	AREA (sq km)
within Noise Limited Contour	5436759	24947.0
not affected by terrain losses	5435122	24930.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	303694	2265.7
lost to ATV IX only	303694	2265.7
lost to all IX	303694	2265.7

Potential Interfering Stations Included in above Scenario                      2

44A MI BATTLE CREEK	BLCDT	20020510AAG	LIC
44A OH LIMA	BPCDT	20080402AAC	CP

After Analysis

Results for: 44A MI DETROIT                      BPCDT                      20040803AAX      APP

HAAT 323.0 m, ATV ERP 345.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	5436759	24947.0
not affected by terrain losses	5435122	24930.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	303917	2277.8
lost to ATV IX only	303917	2277.8
lost to all IX	303917	2277.8

Potential Interfering Stations Included in above Scenario 2

44A MI BATTLE CREEK	BLCDT	20020510AAG	LIC
44A OH LIMA	BPCDT	20080402AAC	CP
45A MI DETROIT	USERRECORD01		APP

The following station failed the de minimis interference criteria.

45D MI DETROIT USERRECORD01  
 ERP 872.00 kW HAAT 306.0 m RCAMSL 517.0 m  
 Antenna usr WDIV\_27ETT

Due to interference to the following station and scenario: 2

44D MI DETROIT BPCDT 20040803AAX  
 ERP 345.00 kW HAAT 323.0 m RCAMSL 523.0 m  
 Antenna CDB 999999999999999

Percent new interference from proposal: 0.0043 to BPCDT 20040803AAX

Result key: 3  
 Scenario 3 Affected station 3  
 Before Analysis

Results for: 44A MI DETROIT BPCDT 20040803AAX APP  
 HAAT 323.0 m, ATV ERP 345.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	5436759	24947.0
not affected by terrain losses	5435122	24930.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	303694	2265.7
lost to ATV IX only	303694	2265.7
lost to all IX	303694	2265.7

Potential Interfering Stations Included in above Scenario 3

44A MI BATTLE CREEK	DTVPLN	DTVP1580	PLN
44A OH LIMA	DTVPLN	DTVP1591	PLN

After Analysis

Results for: 44A MI DETROIT BPCDT 20040803AAX APP

HAAT 323.0 m, ATV ERP 345.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	5436759	24947.0
not affected by terrain losses	5435122	24930.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	303917	2277.8
lost to ATV IX only	303917	2277.8
lost to all IX	303917	2277.8

Potential Interfering Stations Included in above Scenario 3

44A MI BATTLE CREEK	DTVPLN	DTVP1580	PLN
44A OH LIMA	DTVPLN	DTVP1591	PLN
45A MI DETROIT	USERRECORD01		APP

The following station failed the de minimis interference criteria.

45D MI DETROIT USERRECORD01  
ERP 872.00 kW HAAT 306.0 m RCAMSL 517.0 m  
Antenna usr WDIV\_27ETT

Due to interference to the following station and scenario: 3

44D MI DETROIT BPCDT 20040803AAX  
ERP 345.00 kW HAAT 323.0 m RCAMSL 523.0 m  
Antenna CDB 999999999999999

Percent new interference from proposal: 0.0043 to BPCDT 20040803AAX

Result key: 4  
Scenario 4 Affected station 3  
Before Analysis

Results for: 44A MI DETROIT                      BPCDT              20040803AAX   APP  
 HAAT 323.0 m, ATV ERP 345.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	5436759	24947.0
not affected by terrain losses	5435122	24930.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	303694	2265.7
lost to ATV IX only	303694	2265.7
lost to all IX	303694	2265.7

Potential Interfering Stations Included in above Scenario              4

44A MI BATTLE CREEK	DTVPLN	DTVP1580	PLN
44A OH LIMA	BPCDT	20080402AAC	CP

After Analysis

Results for: 44A MI DETROIT                      BPCDT              20040803AAX   APP  
 HAAT 323.0 m, ATV ERP 345.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	5436759	24947.0
not affected by terrain losses	5435122	24930.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	303917	2277.8
lost to ATV IX only	303917	2277.8
lost to all IX	303917	2277.8

Potential Interfering Stations Included in above Scenario              4

44A MI BATTLE CREEK	DTVPLN	DTVP1580	PLN
44A OH LIMA	BPCDT	20080402AAC	CP
45A MI DETROIT	USERRECORD01		APP

The following station failed the de minimis interference criteria.

45D MI DETROIT                      USERRECORD01  
 ERP 872.00 kW HAAT 306.0 m RCAMSL 517.0 m  
 Antenna usr WDIV\_27ETT

Due to interference to the following station and scenario:              4

44D MI DETROIT                   BPCDT       20040803AAX  
ERP 345.00 kW HAAT 323.0 m RCAMSL 523.0 m  
Antenna CDB 999999999999999

Percent new interference from proposal:           0.0043 to BPCDT       20040803AAX

Worst case new IX       0.0043% Scenario       1

Proposed station is MX

45A MI DETROIT                   USERRECORD01           APP  
44A MI DETROIT                   BPCDT       20040803AAX   APP

Proposal MX with BPCDT       20040803AAX   scenario       1 of station       3

Proposed station is MX

45A MI DETROIT                   USERRECORD01           APP  
44A MI DETROIT                   BPCDT       20040803AAX   APP

Proposal MX with BPCDT       20040803AAX   scenario       2 of station       3

Proposed station is MX

45A MI DETROIT                   USERRECORD01           APP  
44A MI DETROIT                   BPCDT       20040803AAX   APP

Proposal MX with BPCDT       20040803AAX   scenario       3 of station       3

Proposed station is MX

45A MI DETROIT                   USERRECORD01           APP  
44A MI DETROIT                   BPCDT       20040803AAX   APP

Proposal MX with BPCDT       20040803AAX   scenario       4 of station       3

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# Analysis of Interference to Affected Station 4

## Analysis of current record

Channel	Call	City/State	Application	Ref. No.
44	WWJ-TV	DETROIT MI	DTVPLN	-DTVP1581

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
43	WTVS	DETROIT MI	0.0	LIC	BLEDT	-20001117ABV
43	WTVS	DETROIT MI	0.0	PLN	DTVPLN	-DTVP1541
44	WDTI	INDIANAPOLIS IN	380.7	CP MOD	BMPEDT	-20070523ACG
44	WDTI	INDIANAPOLIS IN	380.9	PLN	DTVPLN	-DTVP1574
44	WZPX	BATTLE CREEK MI	157.1	LIC	BLCDT	-20020510AAG
44	WZPX	BATTLE CREEK MI	157.1	PLN	DTVPLN	-DTVP1580
44	WTLW	LIMA OH	205.2	PLN	DTVPLN	-DTVP1591
44	WTLW	LIMA OH	205.2	CP	BPCDT	-20080402AAC
45	WDIV-TV	DETROIT MI	4.7	PLN	DTVPLN	-DTVP1617
45	WLLA	KALAMAZOO MI	187.7	LIC	BLCDT	-20070529AEA
45	WLLA	KALAMAZOO MI	187.7	PLN	DTVPLN	-DTVP1618
45	WDIV	DETROIT MI	4.7	APP	USERRECORD-01	

Total scenarios = 4

Result key: 5

Scenario 1 Affected station 4

Before Analysis

Results for: 44A MI DETROIT DTVPLN DTVP1581 PLN

HAAT 323.0 m, ATV ERP 345.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	5436759	24947.0
not affected by terrain losses	5435122	24930.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	303694	2265.7
lost to ATV IX only	303694	2265.7
lost to all IX	303694	2265.7

Potential Interfering Stations Included in above Scenario 1

44A MI BATTLE CREEK	BLCDT	20020510AAG	LIC
44A OH LIMA	DTVPLN	DTVP1591	PLN

After Analysis

Results for: 44A MI DETROIT DTVPLN DTVP1581 PLN

HAAT 323.0 m, ATV ERP 345.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	5436759	24947.0
not affected by terrain losses	5435122	24930.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	303917	2277.8
lost to ATV IX only	303917	2277.8
lost to all IX	303917	2277.8

Potential Interfering Stations Included in above Scenario 1

44A MI BATTLE CREEK	BLCDT	20020510AAG	LIC
44A OH LIMA	DTVPLN	DTVP1591	PLN
45A MI DETROIT	USERRECORD01		APP

The following station failed the de minimis interference criteria.

45D MI DETROIT USERRECORD01  
ERP 872.00 kW HAAT 306.0 m RCAMSL 517.0 m  
Antenna usr WDIV\_27ETT

Due to interference to the following station and scenario: 1

44D MI DETROIT DTVPLN DTVP1581  
ERP 345.00 kW HAAT 323.0 m RCAMSL 523.0 m  
Antenna CDB 999999999999999

Percent new interference from proposal: 0.0043 to DTVPLN DTVP1581

Result key: 6  
Scenario 2 Affected station 4  
Before Analysis

Results for: 44A MI DETROIT DTVPLN DTVP1581 PLN

HAAT 323.0 m, ATV ERP 345.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	5436759	24947.0
not affected by terrain losses	5435122	24930.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	303694	2265.7
lost to ATV IX only	303694	2265.7
lost to all IX	303694	2265.7

Potential Interfering Stations Included in above Scenario 2

44A MI BATTLE CREEK	BLCDT	20020510AAG	LIC
44A OH LIMA	BPCDT	20080402AAC	CP

After Analysis

Results for: 44A MI DETROIT DTVPLN DTVP1581 PLN

HAAT 323.0 m, ATV ERP 345.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	5436759	24947.0
not affected by terrain losses	5435122	24930.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	303917	2277.8
lost to ATV IX only	303917	2277.8
lost to all IX	303917	2277.8

Potential Interfering Stations Included in above Scenario 2

44A MI BATTLE CREEK	BLCDT	20020510AAG	LIC
44A OH LIMA	BPCDT	20080402AAC	CP
45A MI DETROIT	USERRECORD01		APP

The following station failed the de minimis interference criteria.

45D MI DETROIT USERRECORD01  
ERP 872.00 kW HAAT 306.0 m RCAMSL 517.0 m  
Antenna usr WDIV\_27ETT

Due to interference to the following station and scenario: 2

44D MI DETROIT	DTVPLN	DTVP1581
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ERP 345.00 kW HAAT 323.0 m RCAMSL 523.0 m  
Antenna CDB 99999999999999

Percent new interference from proposal: 0.0043 to DTVPLN DTVP1581

Result key: 7  
Scenario 3 Affected station 4  
Before Analysis

Results for: 44A MI DETROIT DTVPLN DTVP1581 PLN  
HAAT 323.0 m, ATV ERP 345.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	5436759	24947.0
not affected by terrain losses	5435122	24930.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	303694	2265.7
lost to ATV IX only	303694	2265.7
lost to all IX	303694	2265.7

Potential Interfering Stations Included in above Scenario 3

44A MI BATTLE CREEK	DTVPLN	DTVP1580	PLN
44A OH LIMA	DTVPLN	DTVP1591	PLN

After Analysis

Results for: 44A MI DETROIT DTVPLN DTVP1581 PLN  
HAAT 323.0 m, ATV ERP 345.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	5436759	24947.0
not affected by terrain losses	5435122	24930.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	303917	2277.8
lost to ATV IX only	303917	2277.8
lost to all IX	303917	2277.8

Potential Interfering Stations Included in above Scenario 3

44A MI BATTLE CREEK	DTVPLN	DTVP1580	PLN
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44A OH LIMA	DTVPLN	DTVP1591	PLN
45A MI DETROIT	USERRECORD01		APP

The following station failed the de minimis interference criteria.

45D MI DETROIT	USERRECORD01
ERP 872.00 kW HAAT 306.0 m RCAMSL 517.0 m	
Antenna usr WDIV_27ETT	

Due to interference to the following station and scenario: 3

44D MI DETROIT	DTVPLN	DTVP1581
ERP 345.00 kW HAAT 323.0 m RCAMSL 523.0 m		
Antenna CDB 999999999999999		

Percent new interference from proposal: 0.0043 to DTVPLN DTVP1581

Result key: 8  
Scenario 4 Affected station 4  
Before Analysis

Results for: 44A MI DETROIT DTVPLN DTVP1581 PLN  
HAAT 323.0 m, ATV ERP 345.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	5436759	24947.0
not affected by terrain losses	5435122	24930.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	303694	2265.7
lost to ATV IX only	303694	2265.7
lost to all IX	303694	2265.7

Potential Interfering Stations Included in above Scenario 4

44A MI BATTLE CREEK	DTVPLN	DTVP1580	PLN
44A OH LIMA	BPCDT	20080402AAC	CP

After Analysis

Results for: 44A MI DETROIT DTVPLN DTVP1581 PLN  
HAAT 323.0 m, ATV ERP 345.0 kW

	POPULATION	AREA (sq km)
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within Noise Limited Contour	5436759	24947.0
not affected by terrain losses	5435122	24930.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	303917	2277.8
lost to ATV IX only	303917	2277.8
lost to all IX	303917	2277.8

Potential Interfering Stations Included in above Scenario 4

44A MI BATTLE CREEK	DTVPLN	DTVP1580	PLN
44A OH LIMA	BPCDT	20080402AAC	CP
45A MI DETROIT	USERRECORD01		APP

The following station failed the de minimis interference criteria.

45D MI DETROIT USERRECORD01  
ERP 872.00 kW HAAT 306.0 m RCAMSL 517.0 m  
Antenna usr WDIV\_27ETT

Due to interference to the following station and scenario: 4

44D MI DETROIT DTVPLN DTVP1581  
ERP 345.00 kW HAAT 323.0 m RCAMSL 523.0 m  
Antenna CDB 999999999999999

Percent new interference from proposal: 0.0043 to DTVPLN DTVP1581

Worst case new IX 0.0043% Scenario 1

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Analysis of Interference to Affected Station 5

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
44	WWJ-TV	DETROIT MI	BPCDT	-20080130AOM

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
43	WTVS	DETROIT MI	0.0	LIC	BLEDT	-20001117ABV
43	WTVS	DETROIT MI	0.0	PLN	DTVPLN	-DTVP1541
44	WDTI	INDIANAPOLIS IN	380.7	CP MOD	BMPEDT	-20070523ACG
44	WDTI	INDIANAPOLIS IN	380.9	PLN	DTVPLN	-DTVP1574
44	WZPX	BATTLE CREEK MI	157.1	LIC	BLCDT	-20020510AAG
44	WZPX	BATTLE CREEK MI	157.1	PLN	DTVPLN	-DTVP1580
44	WTLW	LIMA OH	205.2	PLN	DTVPLN	-DTVP1591
44	WTLW	LIMA OH	205.2	CP	BPCDT	-20080402AAC
45	WDIV-TV	DETROIT MI	4.7	PLN	DTVPLN	-DTVP1617
45	WLLA	KALAMAZOO MI	187.7	LIC	BLCDT	-20070529AEA
45	WLLA	KALAMAZOO MI	187.7	PLN	DTVPLN	-DTVP1618
45	WDIV	DETROIT MI	4.7	APP	USERRECORD-01	

Total scenarios = 4

Result key: 9  
Scenario 1 Affected station 5  
Before Analysis

Results for: 44A MI DETROIT BPCDT 20080130AOM CP  
HAAT 323.0 m, ATV ERP 345.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	5435113	24874.6
not affected by terrain losses	5433476	24858.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	303976	2253.6
lost to ATV IX only	303976	2253.6
lost to all IX	303976	2253.6

Potential Interfering Stations Included in above Scenario 1

44A MI BATTLE CREEK	BLCDT	20020510AAG	LIC
44A OH LIMA	DTVPLN	DTVP1591	PLN

After Analysis

Results for: 44A MI DETROIT BPCDT 20080130AOM CP  
HAAT 323.0 m, ATV ERP 345.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	5435113	24874.6
not affected by terrain losses	5433476	24858.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	304199	2265.7
lost to ATV IX only	304199	2265.7
lost to all IX	304199	2265.7

Potential Interfering Stations Included in above Scenario 1

44A MI BATTLE CREEK	BLCDT	20020510AAG	LIC
44A OH LIMA	DTVPLN	DTVP1591	PLN
45A MI DETROIT	USERRECORD01		APP

The following station failed the de minimis interference criteria.

45D MI DETROIT USERRECORD01

ERP 872.00 kW HAAT 306.0 m RCAMSL 517.0 m

Antenna usr WDIV\_27ETT

Due to interference to the following station and scenario: 1

44D MI DETROIT BPCDT 20080130AOM

ERP 345.00 kW HAAT 323.0 m RCAMSL 522.0 m

Antenna CDB 999999999999999

Percent new interference from proposal: 0.0043 to BPCDT 20080130AOM

Result key: 10

Scenario 2 Affected station 5

Before Analysis

Results for: 44A MI DETROIT BPCDT 20080130AOM CP

HAAT 323.0 m, ATV ERP 345.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	5435113	24874.6
not affected by terrain losses	5433476	24858.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	303976	2253.6
lost to ATV IX only	303976	2253.6
lost to all IX	303976	2253.6

Potential Interfering Stations Included in above Scenario 2

44A MI BATTLE CREEK	BLCDT	20020510AAG	LIC
44A OH LIMA	BPCDT	20080402AAC	CP

After Analysis

Results for: 44A MI DETROIT BPCDT 20080130AOM CP

HAAT 323.0 m, ATV ERP 345.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	5435113	24874.6
not affected by terrain losses	5433476	24858.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	304199	2265.7
lost to ATV IX only	304199	2265.7
lost to all IX	304199	2265.7

Potential Interfering Stations Included in above Scenario 2

44A MI BATTLE CREEK	BLCDT	20020510AAG	LIC
44A OH LIMA	BPCDT	20080402AAC	CP
45A MI DETROIT	USERRECORD01		APP

The following station failed the de minimis interference criteria.

45D MI DETROIT USERRECORD01  
ERP 872.00 kW HAAT 306.0 m RCAMSL 517.0 m  
Antenna usr WDIV\_27ETT

Due to interference to the following station and scenario: 2

44D MI DETROIT BPCDT 20080130AOM  
ERP 345.00 kW HAAT 323.0 m RCAMSL 522.0 m  
Antenna CDB 999999999999999

Percent new interference from proposal: 0.0043 to BPCDT 20080130AOM

Result key: 11  
Scenario 3 Affected station 5  
Before Analysis

Results for: 44A MI DETROIT                      BPCDT              20080130AOM    CP  
HAAT 323.0 m, ATV ERP 345.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	5435113	24874.6
not affected by terrain losses	5433476	24858.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	303976	2253.6
lost to ATV IX only	303976	2253.6
lost to all IX	303976	2253.6

Potential Interfering Stations Included in above Scenario              3

44A MI BATTLE CREEK	DTVPLN	DTVP1580	PLN
44A OH LIMA	DTVPLN	DTVP1591	PLN

After Analysis

Results for: 44A MI DETROIT                      BPCDT              20080130AOM    CP  
HAAT 323.0 m, ATV ERP 345.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	5435113	24874.6
not affected by terrain losses	5433476	24858.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	304199	2265.7
lost to ATV IX only	304199	2265.7
lost to all IX	304199	2265.7

Potential Interfering Stations Included in above Scenario              3

44A MI BATTLE CREEK	DTVPLN	DTVP1580	PLN
44A OH LIMA	DTVPLN	DTVP1591	PLN
45A MI DETROIT	USERRECORD01		APP

The following station failed the de minimis interference criteria.

45D MI DETROIT                      USERRECORD01  
ERP 872.00 kW HAAT 306.0 m RCAMSL 517.0 m  
Antenna usr WDIV\_27ETT

Due to interference to the following station and scenario:              3

44D MI DETROIT                      BPCDT              20080130AOM  
ERP 345.00 kW HAAT 323.0 m RCAMSL 522.0 m  
Antenna CDB 999999999999999

Percent new interference from proposal:              0.0043 to BPCDT              20080130AOM

Result key:              12  
Scenario              4   Affected station              5  
Before Analysis

Results for: 44A MI DETROIT                      BPCDT              20080130AOM    CP  
HAAT 323.0 m, ATV ERP 345.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	5435113	24874.6
not affected by terrain losses	5433476	24858.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	303976	2253.6
lost to ATV IX only	303976	2253.6
lost to all IX	303976	2253.6

Potential Interfering Stations Included in above Scenario              4

44A MI BATTLE CREEK                      DTVPLN              DTVP1580              PLN  
44A OH LIMA                      BPCDT              20080402AAC              CP

After Analysis

Results for: 44A MI DETROIT                      BPCDT              20080130AOM    CP  
HAAT 323.0 m, ATV ERP 345.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	5435113	24874.6
not affected by terrain losses	5433476	24858.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	304199	2265.7
lost to ATV IX only	304199	2265.7
lost to all IX	304199	2265.7

Potential Interfering Stations Included in above Scenario              4

44A MI BATTLE CREEK	DTVPLN	DTVP1580	PLN
44A OH LIMA	BPCDT	20080402AAC	CP
45A MI DETROIT	USERRECORD01		APP

The following station failed the de minimis interference criteria.

45D MI DETROIT                   USERRECORD01  
 ERP 872.00 kW HAAT 306.0 m RCAMSL 517.0 m  
 Antenna usr WDIV\_27ETT

Due to interference to the following station and scenario:           4

44D MI DETROIT                   BPCDT       20080130AOM  
 ERP 345.00 kW HAAT 323.0 m RCAMSL 522.0 m  
 Antenna CDB 999999999999999

Percent new interference from proposal:           0.0043 to BPCDT       20080130AOM

Worst case new IX       0.0043% Scenario       1

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# Analysis of Interference to Affected Station   6

## Analysis of current record

Channel	Call	City/State	Application	Ref. No.
44	WWJ-TV	DETROIT MI	BLCDT	-19990720LH

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
43	WTVS	DETROIT MI	0.0	LIC	BLEDT	-20001117ABV
43	WTVS	DETROIT MI	0.0	PLN	DTVPLN	-DTVP1541
44	WDTI	INDIANAPOLIS IN	380.6	CP MOD	BMPEDT	-20070523ACG
44	WDTI	INDIANAPOLIS IN	380.9	PLN	DTVPLN	-DTVP1574
44	WZPX	BATTLE CREEK MI	157.1	LIC	BLCDT	-20020510AAG
44	WZPX	BATTLE CREEK MI	157.1	PLN	DTVPLN	-DTVP1580
44	WTLW	LIMA OH	205.2	PLN	DTVPLN	-DTVP1591
44	WTLW	LIMA OH	205.2	CP	BPCDT	-20080402AAC

45	WDIV-TV	DETROIT MI	4.7	PLN	DTVPLN	-DTVP1617
45	WLLA	KALAMAZOO MI	187.7	LIC	BLCDDT	-20070529AEA
45	WLLA	KALAMAZOO MI	187.7	PLN	DTVPLN	-DTVP1618
45	WDIV	DETROIT MI	4.7	APP	USERRECORD-01	

Total scenarios = 4

Result key: 13  
 Scenario 1 Affected station 6  
 Before Analysis

Results for: 44A MI DETROIT BLCDDT 19990720LH LIC  
 HAAT 323.0 m, ATV ERP 200.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	5259623	22620.8
not affected by terrain losses	5259344	22604.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	315656	1935.7
lost to ATV IX only	315656	1935.7
lost to all IX	315656	1935.7

Potential Interfering Stations Included in above Scenario 1

44A MI BATTLE CREEK	BLCDDT	20020510AAG	LIC
44A OH LIMA	DTVPLN	DTVP1591	PLN
45A MI DETROIT	DTVPLN	DTVP1617	PLN

After Analysis

Results for: 44A MI DETROIT BLCDDT 19990720LH LIC  
 HAAT 323.0 m, ATV ERP 200.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	5259623	22620.8
not affected by terrain losses	5259344	22604.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	317696	1959.9
lost to ATV IX only	317696	1959.9
lost to all IX	317696	1959.9

Potential Interfering Stations Included in above Scenario 1

44A MI BATTLE CREEK	BLCDT	20020510AAG	LIC
44A OH LIMA	DTVPLN	DTVP1591	PLN
45A MI DETROIT	USERRECORD01		APP

The following station failed the de minimis interference criteria.

45D MI DETROIT USERRECORD01  
ERP 872.00 kW HAAT 306.0 m RCAMSL 517.0 m  
Antenna usr WDIV\_27ETT

Due to interference to the following station and scenario: 1

44D MI DETROIT BLCDT 19990720LH  
ERP 200.00 kW HAAT 323.0 m RCAMSL 523.0 m  
Antenna CDB 999999999999999

Percent new interference from proposal: 0.0413 to BLCDT 19990720LH

Result key: 14  
Scenario 2 Affected station 6  
Before Analysis

Results for: 44A MI DETROIT BLCDT 19990720LH LIC  
HAAT 323.0 m, ATV ERP 200.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	5259623	22620.8
not affected by terrain losses	5259344	22604.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	315656	1935.7
lost to ATV IX only	315656	1935.7
lost to all IX	315656	1935.7

Potential Interfering Stations Included in above Scenario 2

44A MI BATTLE CREEK	BLCDT	20020510AAG	LIC
44A OH LIMA	BPCDT	20080402AAC	CP
45A MI DETROIT	DTVPLN	DTVP1617	PLN

After Analysis

Results for: 44A MI DETROIT                      BLCDT            19990720LH    LIC  
HAAT 323.0 m, ATV ERP 200.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	5259623	22620.8
not affected by terrain losses	5259344	22604.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	317696	1959.9
lost to ATV IX only	317696	1959.9
lost to all IX	317696	1959.9

Potential Interfering Stations Included in above Scenario            2

44A MI BATTLE CREEK	BLCDT	20020510AAG	LIC
44A OH LIMA	BPCDT	20080402AAC	CP
45A MI DETROIT	USERRECORD01		APP

The following station failed the de minimis interference criteria.

45D MI DETROIT                      USERRECORD01  
ERP 872.00 kW HAAT 306.0 m RCAMSL 517.0 m  
Antenna usr WDIV\_27ETT

Due to interference to the following station and scenario:            2

44D MI DETROIT                      BLCDT            19990720LH  
ERP 200.00 kW HAAT 323.0 m RCAMSL 523.0 m  
Antenna CDB 9999999999999999

Percent new interference from proposal:            0.0413 to BLCDT            19990720LH

Result key:            15  
Scenario            3 Affected station            6  
Before Analysis

Results for: 44A MI DETROIT                      BLCDT            19990720LH    LIC  
HAAT 323.0 m, ATV ERP 200.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	5259623	22620.8
not affected by terrain losses	5259344	22604.7
lost to NTSC IX	0	0.0

lost to additional IX by ATV	315656	1935.7
lost to ATV IX only	315656	1935.7
lost to all IX	315656	1935.7

Potential Interfering Stations Included in above Scenario 3

44A MI BATTLE CREEK	DTVPLN	DTVP1580	PLN
44A OH LIMA	DTVPLN	DTVP1591	PLN
45A MI DETROIT	DTVPLN	DTVP1617	PLN

After Analysis

Results for: 44A MI DETROIT BLCDT 19990720LH LIC

HAAT 323.0 m, ATV ERP 200.0 kW		
	POPULATION	AREA (sq km)
within Noise Limited Contour	5259623	22620.8
not affected by terrain losses	5259344	22604.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	317696	1959.9
lost to ATV IX only	317696	1959.9
lost to all IX	317696	1959.9

Potential Interfering Stations Included in above Scenario 3

44A MI BATTLE CREEK	DTVPLN	DTVP1580	PLN
44A OH LIMA	DTVPLN	DTVP1591	PLN
45A MI DETROIT	USERRECORD01		APP

The following station failed the de minimis interference criteria.

45D MI DETROIT USERRECORD01  
 ERP 872.00 kW HAAT 306.0 m RCAMSL 517.0 m  
 Antenna usr WDIV\_27ETT

Due to interference to the following station and scenario: 3

44D MI DETROIT BLCDT 19990720LH  
 ERP 200.00 kW HAAT 323.0 m RCAMSL 523.0 m  
 Antenna CDB 9999999999999999

Percent new interference from proposal: 0.0413 to BLCDT 19990720LH

Result key: 16  
Scenario 4 Affected station 6  
Before Analysis

Results for: 44A MI DETROIT BLCDT 19990720LH LIC

HAAT 323.0 m, ATV ERP 200.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	5259623	22620.8
not affected by terrain losses	5259344	22604.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	315656	1935.7
lost to ATV IX only	315656	1935.7
lost to all IX	315656	1935.7

Potential Interfering Stations Included in above Scenario 4

44A MI BATTLE CREEK	DTVPLN	DTVP1580	PLN
44A OH LIMA	BPCDT	20080402AAC	CP
45A MI DETROIT	DTVPLN	DTVP1617	PLN

After Analysis

Results for: 44A MI DETROIT BLCDT 19990720LH LIC

HAAT 323.0 m, ATV ERP 200.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	5259623	22620.8
not affected by terrain losses	5259344	22604.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	317696	1959.9
lost to ATV IX only	317696	1959.9
lost to all IX	317696	1959.9

Potential Interfering Stations Included in above Scenario 4

44A MI BATTLE CREEK	DTVPLN	DTVP1580	PLN
44A OH LIMA	BPCDT	20080402AAC	CP
45A MI DETROIT	USERRECORD01		APP

The following station failed the de minimis interference criteria.

45D MI DETROIT                      USERRECORD01  
ERP 872.00 kW HAAT 306.0 m RCAMSL 517.0 m  
Antenna usr WDIV\_27ETT

Due to interference to the following station and scenario:                      4  
44D MI DETROIT                      BLCDT                      19990720LH  
ERP 200.00 kW HAAT 323.0 m RCAMSL 523.0 m  
Antenna CDB 9999999999999999

Percent new interference from proposal:                      0.0413 to BLCDT                      19990720LH

Worst case new IX                      0.0413% Scenario                      1

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#### Analysis of Interference to Affected Station                      7

#### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
44	WTLW	LIMA OH	DTVPLN	-DTVP1591

#### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
43	WTVS	DETROIT MI	205.2	LIC	BLEDT	-20001117ABV
43	WTVS	DETROIT MI	205.2	PLN	DTVPLN	-DTVP1541
44	WDTI	INDIANAPOLIS IN	196.7	CP MOD	BMPEDT	-20070523ACG
44	WDTI	INDIANAPOLIS IN	196.7	PLN	DTVPLN	-DTVP1574
44	WTSF	ASHLAND KY	301.8	CP	BPCDT	-20000501AEQ
44	WTSF	ASHLAND KY	301.8	PLN	DTVPLN	-DTVP1575
44	WKON	OWENTON KY	254.5	LIC	BLEDT	-20011121ABI
44	WKON	OWENTON KY	254.5	PLN	DTVPLN	-DTVP1576
44	WZPX	BATTLE CREEK MI	225.2	LIC	BLCDT	-20020510AAG
44	WZPX	BATTLE CREEK MI	225.2	PLN	DTVPLN	-DTVP1580
44	WWJ-TV	DETROIT MI	205.2	APP	BPCDT	-20040803AAX
44	WWJ-TV	DETROIT MI	205.2	PLN	DTVPLN	-DTVP1581
44	WWJ-TV	DETROIT MI	205.2	CP	BPCDT	-20080130AOM

44	WWJ-TV	DETROIT MI	205.2	LIC	BLCDT	-19990720LH
45	WXIN	INDIANAPOLIS IN	196.7	LIC	BLCDT	-20031003ABM
45	WXIN	INDIANAPOLIS IN	196.7	PLN	DTVPLN	-DTVP1613
45	WDIV-TV	DETROIT MI	207.7	PLN	DTVPLN	-DTVP1617
45	WLLA	KALAMAZOO MI	226.5	LIC	BLCDT	-20070529AEA
45	WLLA	KALAMAZOO MI	226.5	PLN	DTVPLN	-DTVP1618
45	WDIV	DETROIT MI	207.7	APP	USERRECORD-01	

Proposed station is beyond the site to  
nearest cell evaluation distance

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#### Analysis of Interference to Affected Station 8

##### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
44	WTLW	LIMA OH	BPCDT	-20080402AAC

##### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
43	WTVS	DETROIT MI	205.2	LIC	BLEDT	-20001117ABV
43	WTVS	DETROIT MI	205.2	PLN	DTVPLN	-DTVP1541
44	WDTI	INDIANAPOLIS IN	196.7	CP MOD	BMPEDT	-20070523ACG
44	WDTI	INDIANAPOLIS IN	196.7	PLN	DTVPLN	-DTVP1574
44	WTSF	ASHLAND KY	301.8	CP	BPCDT	-20000501AEQ
44	WTSF	ASHLAND KY	301.8	PLN	DTVPLN	-DTVP1575
44	WKON	OWENTON KY	254.5	LIC	BLEDT	-20011121ABI
44	WKON	OWENTON KY	254.5	PLN	DTVPLN	-DTVP1576
44	WZPX	BATTLE CREEK MI	225.2	LIC	BLCDT	-20020510AAG
44	WZPX	BATTLE CREEK MI	225.2	PLN	DTVPLN	-DTVP1580
44	WWJ-TV	DETROIT MI	205.2	APP	BPCDT	-20040803AAX
44	WWJ-TV	DETROIT MI	205.2	PLN	DTVPLN	-DTVP1581
44	WWJ-TV	DETROIT MI	205.2	CP	BPCDT	-20080130AOM
44	WWJ-TV	DETROIT MI	205.2	LIC	BLCDT	-19990720LH
45	WXIN	INDIANAPOLIS IN	196.7	LIC	BLCDT	-20031003ABM
45	WXIN	INDIANAPOLIS IN	196.7	PLN	DTVPLN	-DTVP1613

45	WDIV-TV	DETROIT MI	207.7	PLN	DTVPLN	-DTVP1617
45	WLLA	KALAMAZOO MI	226.5	LIC	BLCDDT	-20070529AEA
45	WLLA	KALAMAZOO MI	226.5	PLN	DTVPLN	-DTVP1618
45	WDIV	DETROIT MI	207.7	APP	USERRECORD-01	

Proposed station is beyond the site to  
nearest cell evaluation distance

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#### Analysis of Interference to Affected Station 9

##### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
45	WSNS-TV	CHICAGO IL	BLCDDT	-20010612AIB

##### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
44	WWAZ-TV	FOND DU LAC WI	188.0	CP MOD	BMPCDDT	-20040209ABG
44	WWAZ-TV	FOND DU LAC WI	188.0	PLN	DTVPLN	-DTVP1601
45	WXIN	INDIANAPOLIS IN	251.9	LIC	BLCDDT	-20031003ABM
45	WXIN	INDIANAPOLIS IN	251.9	PLN	DTVPLN	-DTVP1613
45	WDIV-TV	DETROIT MI	371.0	PLN	DTVPLN	-DTVP1617
45	WLLA	KALAMAZOO MI	194.8	LIC	BLCDDT	-20070529AEA
45	WLLA	KALAMAZOO MI	194.8	PLN	DTVPLN	-DTVP1618
46	WTVP	PEORIA IL	213.1	LIC	BLEDT	-20040105ACV
46	WTVP	PEORIA IL	213.1	PLN	DTVPLN	-DTVP1644
46	WDJT-TV	MILWAUKEE WI	139.1	CP MOD	BMPCDDT	-20000419ABR
46	WDJT-TV	MILWAUKEE WI	139.1	PLN	DTVPLN	-DTVP1664
45	WDIV	DETROIT MI	371.0	APP	USERRECORD-01	

Proposal causes no interference

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#### Analysis of Interference to Affected Station 10

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
45	WSNS-TV	CHICAGO IL	DTVPLN	-DTVP1611

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
44	WWAZ-TV	FOND DU LAC WI	188.0	CP MOD	BMPCDT	-20040209ABG
44	WWAZ-TV	FOND DU LAC WI	188.0	PLN	DTVPLN	-DTVP1601
45	WXIN	INDIANAPOLIS IN	251.9	LIC	BLCDDT	-20031003ABM
45	WXIN	INDIANAPOLIS IN	251.9	PLN	DTVPLN	-DTVP1613
45	WDIV-TV	DETROIT MI	371.0	PLN	DTVPLN	-DTVP1617
45	WLLA	KALAMAZOO MI	194.8	LIC	BLCDDT	-20070529AEA
45	WLLA	KALAMAZOO MI	194.8	PLN	DTVPLN	-DTVP1618
46	WTVP	PEORIA IL	213.1	LIC	BLEDT	-20040105ACV
46	WTVP	PEORIA IL	213.1	PLN	DTVPLN	-DTVP1644
46	WDJT-TV	MILWAUKEE WI	139.1	CP MOD	BMPCDT	-20000419ABR
46	WDJT-TV	MILWAUKEE WI	139.1	PLN	DTVPLN	-DTVP1664
45	WDIV	DETROIT MI	371.0	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 11

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
45	WFWC-CA	FORT WAYNE IN	BLTTL	-19900727IO

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
42	WNDU-TV	SOUTH BEND IN	105.3	LIC	BLCDDT	-20060717AAG
42	WNDU-TV	SOUTH BEND IN	105.3	PLN	DTVPLN	-DTVP1502
44	WTLW	LIMA OH	89.0	LIC	BMLCT	-20010123ABE
44	WTLW	LIMA OH	89.0	PLN	DTVPLN	-DTVP1591
44	WTLW	LIMA OH	89.0	CP	BPCDDT	-20080402AAC

45	WSNS-TV	CHICAGO IL	224.7	LIC	BLCDDT	-20010612AIB
45	WSNS-TV	CHICAGO IL	224.7	PLN	DTVPLN	-DTVP1611
45	WXIN	INDIANAPOLIS IN	161.5	LIC	BLCDDT	-20031003ABM
45	WXIN	INDIANAPOLIS IN	161.5	PLN	DTVPLN	-DTVP1613
45	WDIV-TV	DETROIT MI	222.4	LIC	BLCDDT	-19990429KX
45	WDIV-TV	DETROIT MI	222.4	PLN	DTVPLN	-DTVP1617
45	WLLA	KALAMAZOO MI	164.9	LIC	BLCDDT	-20070529AEA
45	WLLA	KALAMAZOO MI	164.9	PLN	DTVPLN	-DTVP1618
45	WNEO	ALLIANCE OH	355.8	LIC	BMLET	-19891204KE
45	WNEO	ALLIANCE OH	355.8	PLN	DTVPLN	-DTVP1626
45	WNEO	ALLIANCE OH	355.8	CP	BPEDT	-20080317AGT
45	WRGT-TV	DAYTON OH	170.4	APP	BPCT	-19980617KE
45	WRGT-TV	DAYTON OH	170.4	LIC	BMLCT	-19860915KE
46	WHME-TV	SOUTH BEND IN	101.1	LIC	BLCT	-2590
48	WHME-TV	SOUTH BEND IN	101.1	LIC	BLCDDT	-20060109ABG
48	WHME-TV	SOUTH BEND IN	101.1	PLN	DTVPLN	-DTVP1708
45	WDIV	DETROIT MI	222.4	APP	USERRECORD	-01

Proposal causes no interference

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# Analysis of Interference to Affected Station 12

## Analysis of current record

Channel	Call	City/State	Application	Ref. No.
45	WXIN	INDIANAPOLIS IN	BLCDDT	-20031003ABM

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
44	WDTI	INDIANAPOLIS IN	0.7	CP MOD	BMPEDT	-20070523ACG
44	WDTI	INDIANAPOLIS IN	0.0	PLN	DTVPLN	-DTVP1574
44	WKON	OWENTON KY	193.2	LIC	BLEDT	-20011121ABI
44	WKON	OWENTON KY	193.2	PLN	DTVPLN	-DTVP1576
44	WTLW	LIMA OH	196.7	PLN	DTVPLN	-DTVP1591
44	WTLW	LIMA OH	196.7	CP	BPCDDT	-20080402AAC
45	WSNS-TV	CHICAGO IL	251.9	LIC	BLCDDT	-20010612AIB
45	WSNS-TV	CHICAGO IL	251.9	PLN	DTVPLN	-DTVP1611

45	WEVV	EVANSVILLE IN	250.9	LIC	BLCDDT	-20080404ACD
45	WEVV	EVANSVILLE IN	250.9	PLN	DTVPLN	-DTVP1612
45	WDIV-TV	DETROIT MI	382.0	PLN	DTVPLN	-DTVP1617
45	WLLA	KALAMAZOO MI	303.8	LIC	BLCDDT	-20070529AEA
45	WLLA	KALAMAZOO MI	303.8	PLN	DTVPLN	-DTVP1618
45	WDIV	DETROIT MI	382.0	APP	USERRECORD-01	

Proposal causes no interference

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# Analysis of Interference to Affected Station 13

## Analysis of current record

Channel	Call	City/State	Application	Ref. No.
45	WXIN	INDIANAPOLIS IN	DTVPLN	-DTVP1613

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
44	WDTI	INDIANAPOLIS IN	0.7	CP MOD	BMPEDT	-20070523ACG
44	WDTI	INDIANAPOLIS IN	0.0	PLN	DTVPLN	-DTVP1574
44	WKON	OWENTON KY	193.2	LIC	BLEDT	-20011121ABI
44	WKON	OWENTON KY	193.2	PLN	DTVPLN	-DTVP1576
44	WTLW	LIMA OH	196.7	PLN	DTVPLN	-DTVP1591
44	WTLW	LIMA OH	196.7	CP	BPCDDT	-20080402AAC
45	WSNS-TV	CHICAGO IL	251.9	LIC	BLCDDT	-20010612AIB
45	WSNS-TV	CHICAGO IL	251.9	PLN	DTVPLN	-DTVP1611
45	WEVV	EVANSVILLE IN	250.9	LIC	BLCDDT	-20080404ACD
45	WEVV	EVANSVILLE IN	250.9	PLN	DTVPLN	-DTVP1612
45	WDIV-TV	DETROIT MI	382.0	PLN	DTVPLN	-DTVP1617
45	WLLA	KALAMAZOO MI	303.8	LIC	BLCDDT	-20070529AEA
45	WLLA	KALAMAZOO MI	303.8	PLN	DTVPLN	-DTVP1618
45	WDIV	DETROIT MI	382.0	APP	USERRECORD-01	

Proposal causes no interference

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# Analysis of Interference to Affected Station 14

## Analysis of current record

Channel	Call	City/State	Application	Ref. No.
45	WLLA	KALAMAZOO MI	BLCDT	-20070529AEA

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
44	WZPX	BATTLE CREEK MI	34.6	LIC	BLCDT	-20020510AAG
44	WZPX	BATTLE CREEK MI	34.6	PLN	DTVPLN	-DTVP1580
44	WWJ-TV	DETROIT MI	187.7	APP	BPCDT	-20040803AAX
44	WWJ-TV	DETROIT MI	187.7	PLN	DTVPLN	-DTVP1581
44	WWJ-TV	DETROIT MI	187.7	CP	BPCDT	-20080130AOM
44	WWJ-TV	DETROIT MI	187.7	LIC	BLCDT	-19990720LH
44	WTLW	LIMA OH	226.5	PLN	DTVPLN	-DTVP1591
44	WTLW	LIMA OH	226.5	CP	BPCDT	-20080402AAC
45	WSNS-TV	CHICAGO IL	194.8	LIC	BLCDT	-20010612AIB
45	WSNS-TV	CHICAGO IL	194.8	PLN	DTVPLN	-DTVP1611
45	WXIN	INDIANAPOLIS IN	303.8	LIC	BLCDT	-20031003ABM
45	WXIN	INDIANAPOLIS IN	303.8	PLN	DTVPLN	-DTVP1613
45	WDIV-TV	DETROIT MI	184.8	PLN	DTVPLN	-DTVP1617
45	WNEO	ALLIANCE OH	419.7	PLN	DTVPLN	-DTVP1626
45	WNEO	ALLIANCE OH	419.7	CP	BPEDT	-20080317AGT
46	WBSF	BAY CITY MI	165.5	APP	BPCDT	-20080317AHM
46	WBSF	BAY CITY MI	165.5	PLN	DTVPLN	-DTVP1648
46	WUPW	TOLEDO OH	194.3	LIC	BLCDT	-20030411AAF
46	WUPW	TOLEDO OH	194.3	PLN	DTVPLN	-DTVP1653
46	WDJT-TV	MILWAUKEE WI	210.4	CP MOD	BMPCDT	-20000419ABR
46	WDJT-TV	MILWAUKEE WI	210.4	PLN	DTVPLN	-DTVP1664
45	WDIV	DETROIT MI	184.8	APP	USERRECORD-01	

Total scenarios = 4

Result key: 17  
Scenario 1 Affected station 14  
Before Analysis

Results for: 45A MI KALAMAZOO BLCDT 20070529AEA LIC

HAAT 331.0 m, ATV ERP 440.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1954242	20304.3
not affected by terrain losses	1954175	20300.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	227727	1403.1
lost to ATV IX only	227727	1403.1
lost to all IX	227727	1403.1

Potential Interfering Stations Included in above Scenario 1

44A MI BATTLE CREEK	BLCDT	20020510AAG	LIC
45A IL CHICAGO	BLCDT	20010612AIB	LIC
45A MI DETROIT	DTVPLN	DTVP1617	PLN

After Analysis

Results for: 45A MI KALAMAZOO BLCDT 20070529AEA LIC

HAAT 331.0 m, ATV ERP 440.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1954242	20304.3
not affected by terrain losses	1954175	20300.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	229744	1435.1
lost to ATV IX only	229744	1435.1
lost to all IX	229744	1435.1

Potential Interfering Stations Included in above Scenario 1

44A MI BATTLE CREEK	BLCDT	20020510AAG	LIC
45A IL CHICAGO	BLCDT	20010612AIB	LIC
45A MI DETROIT	USERRECORD01		APP

The following station failed the de minimis interference criteria.

45D MI DETROIT USERRECORD01

ERP 872.00 kW HAAT 306.0 m RCAMSL 517.0 m

Antenna usr WDIV\_27ETT

Due to interference to the following station and scenario: 1

45D MI KALAMAZOO                      BLCDT            20070529AEA  
ERP 440.00 kW HAAT 331.0 m RCAMSL 590.0 m  
Antenna CDB 00000000079747

Percent new interference from proposal:            0.1168 to BLCDT            20070529AEA

Result key:            18  
Scenario            2   Affected station            14  
Before Analysis

Results for: 45A MI KALAMAZOO                      BLCDT            20070529AEA    LIC  
         HAAT 331.0 m, ATV ERP 440.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1954242	20304.3
not affected by terrain losses	1954175	20300.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	227727	1403.1
lost to ATV IX only	227727	1403.1
lost to all IX	227727	1403.1

Potential Interfering Stations Included in above Scenario            2

44A MI BATTLE CREEK	BLCDT	20020510AAG	LIC
45A IL CHICAGO	DTVPLN	DTVP1611	PLN
45A MI DETROIT	DTVPLN	DTVP1617	PLN

After Analysis

Results for: 45A MI KALAMAZOO                      BLCDT            20070529AEA    LIC  
         HAAT 331.0 m, ATV ERP 440.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1954242	20304.3
not affected by terrain losses	1954175	20300.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	229744	1435.1
lost to ATV IX only	229744	1435.1
lost to all IX	229744	1435.1

Potential Interfering Stations Included in above Scenario            2

44A MI BATTLE CREEK	BLCDT	20020510AAG	LIC
45A IL CHICAGO	DTVPLN	DTVP1611	PLN
45A MI DETROIT	USERRECORD01		APP

The following station failed the de minimis interference criteria.

45D MI DETROIT                   USERRECORD01  
 ERP 872.00 kW HAAT 306.0 m RCAMSL 517.0 m  
 Antenna usr WDIV\_27ETT

Due to interference to the following station and scenario:           2

45D MI KALAMAZOO                   BLCDT           20070529AEA  
 ERP 440.00 kW HAAT 331.0 m RCAMSL 590.0 m  
 Antenna CDB 00000000079747

Percent new interference from proposal:           0.1168 to BLCDT           20070529AEA

Result key:           19  
 Scenario           3   Affected station           14  
 Before Analysis

Results for: 45A MI KALAMAZOO                   BLCDT           20070529AEA   LIC  
           HAAT 331.0 m, ATV ERP 440.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1954242	20304.3
not affected by terrain losses	1954175	20300.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	227727	1403.1
lost to ATV IX only	227727	1403.1
lost to all IX	227727	1403.1

Potential Interfering Stations Included in above Scenario           3

44A MI BATTLE CREEK	DTVPLN	DTVP1580	PLN
45A IL CHICAGO	BLCDT	20010612AIB	LIC
45A MI DETROIT	DTVPLN	DTVP1617	PLN

After Analysis

Results for: 45A MI KALAMAZOO BLCDT 20070529AEA LIC

HAAT 331.0 m, ATV ERP 440.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1954242	20304.3
not affected by terrain losses	1954175	20300.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	229744	1435.1
lost to ATV IX only	229744	1435.1
lost to all IX	229744	1435.1

Potential Interfering Stations Included in above Scenario 3

44A MI BATTLE CREEK	DTVPLN	DTVP1580	PLN
45A IL CHICAGO	BLCDT	20010612AIB	LIC
45A MI DETROIT	USERRECORD01		APP

The following station failed the de minimis interference criteria.

45D MI DETROIT USERRECORD01  
ERP 872.00 kW HAAT 306.0 m RCAMSL 517.0 m  
Antenna usr WDIV\_27ETT

Due to interference to the following station and scenario: 3

45D MI KALAMAZOO BLCDT 20070529AEA  
ERP 440.00 kW HAAT 331.0 m RCAMSL 590.0 m  
Antenna CDB 00000000079747

Percent new interference from proposal: 0.1168 to BLCDT 20070529AEA

Result key: 20  
Scenario 4 Affected station 14  
Before Analysis

Results for: 45A MI KALAMAZOO BLCDT 20070529AEA LIC

HAAT 331.0 m, ATV ERP 440.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1954242	20304.3
not affected by terrain losses	1954175	20300.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	227727	1403.1

lost to ATV IX only	227727	1403.1
lost to all IX	227727	1403.1

Potential Interfering Stations Included in above Scenario 4

44A MI BATTLE CREEK	DTVPLN	DTVP1580	PLN
45A IL CHICAGO	DTVPLN	DTVP1611	PLN
45A MI DETROIT	DTVPLN	DTVP1617	PLN

After Analysis

Results for: 45A MI KALAMAZOO BLC DT 20070529AEA LIC

HAAT 331.0 m, ATV ERP 440.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1954242	20304.3
not affected by terrain losses	1954175	20300.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	229744	1435.1
lost to ATV IX only	229744	1435.1
lost to all IX	229744	1435.1

Potential Interfering Stations Included in above Scenario 4

44A MI BATTLE CREEK	DTVPLN	DTVP1580	PLN
45A IL CHICAGO	DTVPLN	DTVP1611	PLN
45A MI DETROIT	USERRECORD01		APP

The following station failed the de minimis interference criteria.

45D MI DETROIT USERRECORD01  
 ERP 872.00 kW HAAT 306.0 m RCAMSL 517.0 m  
 Antenna usr WDIV\_27ETT

Due to interference to the following station and scenario: 4

45D MI KALAMAZOO BLC DT 20070529AEA  
 ERP 440.00 kW HAAT 331.0 m RCAMSL 590.0 m  
 Antenna CDB 00000000079747

Percent new interference from proposal: 0.1168 to BLC DT 20070529AEA

Worst case new IX 0.1168% Scenario 1

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Analysis of Interference to Affected Station 15

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
45	WLLA	KALAMAZOO MI	DTVPLN	-DTVP1618

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
44	WZPX	BATTLE CREEK MI	34.6	LIC	BLCDT	-20020510AAG
44	WZPX	BATTLE CREEK MI	34.6	PLN	DTVPLN	-DTVP1580
44	WWJ-TV	DETROIT MI	187.7	APP	BPCDT	-20040803AAX
44	WWJ-TV	DETROIT MI	187.7	PLN	DTVPLN	-DTVP1581
44	WWJ-TV	DETROIT MI	187.7	CP	BPCDT	-20080130AOM
44	WWJ-TV	DETROIT MI	187.7	LIC	BLCDT	-19990720LH
44	WTLW	LIMA OH	226.5	PLN	DTVPLN	-DTVP1591
44	WTLW	LIMA OH	226.5	CP	BPCDT	-20080402AAC
45	WSNS-TV	CHICAGO IL	194.8	LIC	BLCDT	-20010612AIB
45	WSNS-TV	CHICAGO IL	194.8	PLN	DTVPLN	-DTVP1611
45	WXIN	INDIANAPOLIS IN	303.8	LIC	BLCDT	-20031003ABM
45	WXIN	INDIANAPOLIS IN	303.8	PLN	DTVPLN	-DTVP1613
45	WDIV-TV	DETROIT MI	184.8	PLN	DTVPLN	-DTVP1617
45	WNEO	ALLIANCE OH	419.7	PLN	DTVPLN	-DTVP1626
45	WNEO	ALLIANCE OH	419.7	CP	BPEDT	-20080317AGT
46	WBSF	BAY CITY MI	165.5	APP	BPCDT	-20080317AHM
46	WBSF	BAY CITY MI	165.5	PLN	DTVPLN	-DTVP1648
46	WUPW	TOLEDO OH	194.3	LIC	BLCDT	-20030411AAF
46	WUPW	TOLEDO OH	194.3	PLN	DTVPLN	-DTVP1653
46	WDJT-TV	MILWAUKEE WI	210.4	CP MOD	BMPCDT	-20000419ABR
46	WDJT-TV	MILWAUKEE WI	210.4	PLN	DTVPLN	-DTVP1664
45	WDIV	DETROIT MI	184.8	APP	USERRECORD	-01

Total scenarios = 4

Result key: 21  
Scenario 1 Affected station 15  
Before Analysis

Results for: 45A MI KALAMAZOO DTVPLN DTVP1618 PLN  
HAAT 331.0 m, ATV ERP 420.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1947021	20168.2
not affected by terrain losses	1946935	20164.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	229519	1427.1
lost to ATV IX only	229519	1427.1
lost to all IX	229519	1427.1

Potential Interfering Stations Included in above Scenario 1

44A MI BATTLE CREEK	BLCDDT	20020510AAG	LIC
45A IL CHICAGO	BLCDDT	20010612AIB	LIC
45A MI DETROIT	DTVPLN	DTVP1617	PLN

After Analysis

Results for: 45A MI KALAMAZOO DTVPLN DTVP1618 PLN  
HAAT 331.0 m, ATV ERP 420.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1947021	20168.2
not affected by terrain losses	1946935	20164.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	230686	1455.2
lost to ATV IX only	230686	1455.2
lost to all IX	230686	1455.2

Potential Interfering Stations Included in above Scenario 1

44A MI BATTLE CREEK	BLCDDT	20020510AAG	LIC
45A IL CHICAGO	BLCDDT	20010612AIB	LIC
45A MI DETROIT	USERRECORD01		APP

The following station failed the de minimis interference criteria.

45D MI DETROIT                      USERRECORD01  
ERP 872.00 kW HAAT 306.0 m RCAMSL 517.0 m  
Antenna usr WDIV\_27ETT

Due to interference to the following station and scenario:                      1  
45D MI KALAMAZOO                      DTVPLN                      DTVP1618  
ERP 420.00 kW HAAT 331.0 m RCAMSL 590.0 m  
Antenna CDB 0000000069393

Percent new interference from proposal:                      0.0680 to DTVPLN                      DTVP1618

Result key:                      22  
Scenario                      2    Affected station                      15  
Before Analysis

Results for: 45A MI KALAMAZOO                      DTVPLN                      DTVP1618                      PLN  
HAAT 331.0 m, ATV ERP 420.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1947021	20168.2
not affected by terrain losses	1946935	20164.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	229519	1427.1
lost to ATV IX only	229519	1427.1
lost to all IX	229519	1427.1

Potential Interfering Stations Included in above Scenario                      2

44A MI BATTLE CREEK	BLCDT	20020510AAG	LIC
45A IL CHICAGO	DTVPLN	DTVP1611	PLN
45A MI DETROIT	DTVPLN	DTVP1617	PLN

After Analysis

Results for: 45A MI KALAMAZOO                      DTVPLN                      DTVP1618                      PLN  
HAAT 331.0 m, ATV ERP 420.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1947021	20168.2
not affected by terrain losses	1946935	20164.2
lost to NTSC IX	0	0.0

lost to additional IX by ATV	230686	1455.2
lost to ATV IX only	230686	1455.2
lost to all IX	230686	1455.2

Potential Interfering Stations Included in above Scenario 2

44A MI BATTLE CREEK	BLCDT	20020510AAG	LIC
45A IL CHICAGO	DTVPLN	DTVP1611	PLN
45A MI DETROIT	USERRECORD01		APP

The following station failed the de minimis interference criteria.

45D MI DETROIT USERRECORD01  
 ERP 872.00 kW HAAT 306.0 m RCAMSL 517.0 m  
 Antenna usr WDIV\_27ETT

Due to interference to the following station and scenario: 2

45D MI KALAMAZOO DTVPLN DTVP1618  
 ERP 420.00 kW HAAT 331.0 m RCAMSL 590.0 m  
 Antenna CDB 00000000069393

Percent new interference from proposal: 0.0680 to DTVPLN DTVP1618

Result key: 23  
 Scenario 3 Affected station 15  
 Before Analysis

Results for: 45A MI KALAMAZOO DTVPLN DTVP1618 PLN  
 HAAT 331.0 m, ATV ERP 420.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1947021	20168.2
not affected by terrain losses	1946935	20164.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	229519	1427.1
lost to ATV IX only	229519	1427.1
lost to all IX	229519	1427.1

Potential Interfering Stations Included in above Scenario 3

44A MI BATTLE CREEK	DTVPLN	DTVP1580	PLN
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45A IL CHICAGO	BLCDT	20010612AIB	LIC
45A MI DETROIT	DTVPLN	DTVP1617	PLN

After Analysis

Results for: 45A MI KALAMAZOO	DTVPLN	DTVP1618	PLN
HAAT 331.0 m, ATV ERP 420.0 kW			

	POPULATION	AREA (sq km)
within Noise Limited Contour	1947021	20168.2
not affected by terrain losses	1946935	20164.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	230686	1455.2
lost to ATV IX only	230686	1455.2
lost to all IX	230686	1455.2

Potential Interfering Stations Included in above Scenario 3

44A MI BATTLE CREEK	DTVPLN	DTVP1580	PLN
45A IL CHICAGO	BLCDT	20010612AIB	LIC
45A MI DETROIT	USERRECORD01		APP

The following station failed the de minimis interference criteria.

45D MI DETROIT USERRECORD01  
ERP 872.00 kW HAAT 306.0 m RCAMSL 517.0 m  
Antenna usr WDIV\_27ETT

Due to interference to the following station and scenario: 3

45D MI KALAMAZOO DTVPLN DTVP1618  
ERP 420.00 kW HAAT 331.0 m RCAMSL 590.0 m  
Antenna CDB 00000000069393

Percent new interference from proposal: 0.0680 to DTVPLN DTVP1618

Result key: 24  
Scenario 4 Affected station 15  
Before Analysis

Results for: 45A MI KALAMAZOO	DTVPLN	DTVP1618	PLN
HAAT 331.0 m, ATV ERP 420.0 kW			

	POPULATION	AREA (sq km)
within Noise Limited Contour	1947021	20168.2
not affected by terrain losses	1946935	20164.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	229519	1427.1
lost to ATV IX only	229519	1427.1
lost to all IX	229519	1427.1

Potential Interfering Stations Included in above Scenario 4

44A MI BATTLE CREEK	DTVPLN	DTVP1580	PLN
45A IL CHICAGO	DTVPLN	DTVP1611	PLN
45A MI DETROIT	DTVPLN	DTVP1617	PLN

After Analysis

Results for: 45A MI KALAMAZOO DTVPLN DTVP1618 PLN  
 HAAT 331.0 m, ATV ERP 420.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1947021	20168.2
not affected by terrain losses	1946935	20164.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	230686	1455.2
lost to ATV IX only	230686	1455.2
lost to all IX	230686	1455.2

Potential Interfering Stations Included in above Scenario 4

44A MI BATTLE CREEK	DTVPLN	DTVP1580	PLN
45A IL CHICAGO	DTVPLN	DTVP1611	PLN
45A MI DETROIT	USERRECORD01	APP	

The following station failed the de minimis interference criteria.

45D MI DETROIT USERRECORD01  
 ERP 872.00 kW HAAT 306.0 m RCAMSL 517.0 m  
 Antenna usr WDIV\_27ETT

Due to interference to the following station and scenario: 4

45D MI KALAMAZOO DTVPLN DTVP1618  
 ERP 420.00 kW HAAT 331.0 m RCAMSL 590.0 m

Antenna CDB 00000000069393

Percent new interference from proposal: 0.0680 to DTVPLN DTVP1618

Worst case new IX 0.0680% Scenario 1

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# Analysis of Interference to Affected Station 16

## Analysis of current record

Channel	Call	City/State	Application	Ref. No.
45	WNEO	ALLIANCE OH	DTVPLN	-DTVP1626

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
45	WDIV-TV	DETROIT MI	258.8	PLN	DTVPLN	-DTVP1617
45	WLLA	KALAMAZOO MI	419.7	LIC	BLCDT	-20070529AEA
45	WLLA	KALAMAZOO MI	419.7	PLN	DTVPLN	-DTVP1618
45	WROC-TV	ROCHESTER NY	369.9	LIC	BLCDT	-20060418AAA
45	WROC-TV	ROCHESTER NY	369.9	PLN	DTVPLN	-DTVP1625
45	WOLF-TV	HAZLETON PA	423.7	LIC	BLCDT	-20050906ACK
45	WOLF-TV	HAZLETON PA	423.7	PLN	DTVPLN	-DTVP1630
46	WUPW	TOLEDO OH	227.5	LIC	BLCDT	-20030411AAF
46	WUPW	TOLEDO OH	227.5	PLN	DTVPLN	-DTVP1653
46	WKBS-TV	ALTOONA PA	211.4	LIC	BLCDT	-20060629ACS
46	WKBS-TV	ALTOONA PA	211.4	PLN	DTVPLN	-DTVP1656
45	WDIV	DETROIT MI	258.8	APP	USERRECORD	-01

Total scenarios = 1

Result key: 25  
Scenario 1 Affected station 16  
Before Analysis

Results for: 45A OH ALLIANCE DTVPLN DTVP1626 PLN

HAAT 223.0 m, ATV ERP 388.1 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2345810	16105.9
not affected by terrain losses	2304368	15815.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	23	4.0
lost to ATV IX only	23	4.0
lost to all IX	23	4.0

Potential Interfering Stations Included in above Scenario 1

45A MI DETROIT DTVPLN DTVP1617 PLN

After Analysis

Results for: 45A OH ALLIANCE DTVPLN DTVP1626 PLN

HAAT 223.0 m, ATV ERP 388.1 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2345810	16105.9
not affected by terrain losses	2304368	15815.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	7958	36.3
lost to ATV IX only	7958	36.3
lost to all IX	7958	36.3

Potential Interfering Stations Included in above Scenario 1

45A MI DETROIT USERRECORD01 APP

The following station failed the de minimis interference criteria.

45D MI DETROIT USERRECORD01  
ERP 872.00 kW HAAT 306.0 m RCAMSL 517.0 m  
Antenna usr WDIV\_27ETT

Due to interference to the following station and scenario: 1

45D OH ALLIANCE DTVPLN DTVP1626  
ERP 388.15 kW HAAT 223.0 m RCAMSL 583.0 m  
Antenna CDB 00000000074576

Percent new interference from proposal: 0.3443 to DTVPLN DTVP1626

Worst case new IX 0.3443% Scenario 1

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# Analysis of Interference to Affected Station 17

## Analysis of current record

Channel	Call	City/State	Application	Ref. No.
45	WNEO	ALLIANCE OH	BPEDT	-20080317AGT

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
45	WDIV-TV	DETROIT MI	258.7	PLN	DTVPLN	-DTVP1617
45	WLLA	KALAMAZOO MI	419.7	LIC	BLCDDT	-20070529AEA
45	WLLA	KALAMAZOO MI	419.7	PLN	DTVPLN	-DTVP1618
45	WROC-TV	ROCHESTER NY	369.9	LIC	BLCDDT	-20060418AAA
45	WROC-TV	ROCHESTER NY	369.9	PLN	DTVPLN	-DTVP1625
45	WOLF-TV	HAZLETON PA	423.7	LIC	BLCDDT	-20050906ACK
45	WOLF-TV	HAZLETON PA	423.7	PLN	DTVPLN	-DTVP1630
46	WUPW	TOLEDO OH	227.4	LIC	BLCDDT	-20030411AAF
46	WUPW	TOLEDO OH	227.4	PLN	DTVPLN	-DTVP1653
46	WKBS-TV	ALTOONA PA	211.4	LIC	BLCDDT	-20060629ACS
46	WKBS-TV	ALTOONA PA	211.4	PLN	DTVPLN	-DTVP1656
45	WDIV	DETROIT MI	258.7	APP	USERRECORD-01	

Total scenarios = 1

Result key: 26  
Scenario 1 Affected station 17  
Before Analysis

Results for: 45A OH ALLIANCE BPEDT 20080317AGT CP  
HAAT 253.0 m, ATV ERP 44.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2328515	15193.5
not affected by terrain losses	2257685	14907.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	789	4.0
lost to ATV IX only	789	4.0
lost to all IX	789	4.0

Potential Interfering Stations Included in above Scenario 1

45A MI DETROIT DTVPLN DTVP1617 PLN

After Analysis

Results for: 45A OH ALLIANCE BPEDT 20080317AGT CP  
 HAAT 253.0 m, ATV ERP 44.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2328515	15193.5
not affected by terrain losses	2257685	14907.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	5319	12.1
lost to ATV IX only	5319	12.1
lost to all IX	5319	12.1

Potential Interfering Stations Included in above Scenario 1

45A MI DETROIT USERRECORD01 APP

The following station failed the de minimis interference criteria.

45D MI DETROIT USERRECORD01  
 ERP 872.00 kW HAAT 306.0 m RCAMSL 517.0 m  
 Antenna usr WDIV\_27ETT

Due to interference to the following station and scenario: 1

45D OH ALLIANCE BPEDT 20080317AGT  
 ERP 44.00 kW HAAT 253.0 m RCAMSL 612.0 m  
 Antenna CDB 99999999999999

Percent new interference from proposal: 0.2007 to BPEDT 20080317AGT

Worst case new IX 0.2007% Scenario 1

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Analysis of Interference to Affected Station 18

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
46	WBSF	BAY CITY MI	BPCDT	-20080317AHM

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
45	WDIV-TV	DETROIT MI	121.9	PLN	DTVPLN	-DTVP1617
45	WLLA	KALAMAZOO MI	165.5	LIC	BLCDDT	-20070529AEA
45	WLLA	KALAMAZOO MI	165.5	PLN	DTVPLN	-DTVP1618
46	WUPW	TOLEDO OH	204.7	LIC	BLCDDT	-20030411AAF
46	WUPW	TOLEDO OH	204.7	PLN	DTVPLN	-DTVP1653
46	WDJT-TV	MILWAUKEE WI	332.9	CP MOD	BMPCDDT	-20000419ABR
46	WDJT-TV	MILWAUKEE WI	332.9	PLN	DTVPLN	-DTVP1664
47	WFQX-TV	CADILLAC MI	172.0	LIC	BLCDDT	-20070214ACF
47	WFQX-TV	CADILLAC MI	172.0	PLN	DTVPLN	-DTVP1679
45	WDIV	DETROIT MI	121.9	APP	USERRECORD	-01

Proposal causes no interference

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Analysis of Interference to Affected Station 19

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
46	WBSF	BAY CITY MI	DTVPLN	-DTVP1648

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
45	WDIV-TV	DETROIT MI	121.8	PLN	DTVPLN	-DTVP1617
45	WLLA	KALAMAZOO MI	165.5	LIC	BLCDDT	-20070529AEA
45	WLLA	KALAMAZOO MI	165.5	PLN	DTVPLN	-DTVP1618
46	WUPW	TOLEDO OH	204.7	LIC	BLCDDT	-20030411AAF
46	WUPW	TOLEDO OH	204.7	PLN	DTVPLN	-DTVP1653
46	WDJT-TV	MILWAUKEE WI	332.9	CP MOD	BMPCDDT	-20000419ABR
46	WDJT-TV	MILWAUKEE WI	332.9	PLN	DTVPLN	-DTVP1664
47	WFQX-TV	CADILLAC MI	172.0	LIC	BLCDDT	-20070214ACF
47	WFQX-TV	CADILLAC MI	172.0	PLN	DTVPLN	-DTVP1679
45	WDIV	DETROIT MI	121.8	APP	USERRECORD-01	

Proposal causes no interference

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#### Analysis of Interference to Affected Station 20

##### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
46	WUPW	TOLEDO OH	BLCDDT	-20030411AAF

##### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
45	WDIV-TV	DETROIT MI	94.0	PLN	DTVPLN	-DTVP1617
45	WLLA	KALAMAZOO MI	194.3	LIC	BLCDDT	-20070529AEA
45	WLLA	KALAMAZOO MI	194.3	PLN	DTVPLN	-DTVP1618
45	WNEO	ALLIANCE OH	227.5	PLN	DTVPLN	-DTVP1626
45	WNEO	ALLIANCE OH	227.4	CP	BPEDT	-20080317AGT
46	WBSF	BAY CITY MI	204.7	APP	BPCDDT	-20080317AHM
46	WBSF	BAY CITY MI	204.7	PLN	DTVPLN	-DTVP1648
46	WWHO	CHILLICOTHE OH	231.5	LIC	BLCDDT	-20021025AAA
46	WWHO	CHILLICOTHE OH	231.5	PLN	DTVPLN	-DTVP1652
46	WDJT-TV	MILWAUKEE WI	402.2	CP MOD	BMPCDDT	-20000419ABR
46	WDJT-TV	MILWAUKEE WI	402.2	PLN	DTVPLN	-DTVP1664
47	WOAC	CANTON OH	186.1	LIC	BLCDDT	-20060222AAK
47	WOAC	CANTON OH	186.1	PLN	DTVPLN	-DTVP1685
45	WDIV	DETROIT MI	94.0	APP	USERRECORD-01	

Total scenarios = 2

Result key: 27  
Scenario 1 Affected station 20  
Before Analysis

Results for: 46A OH TOLEDO BLCDT 20030411AAF LIC  
HAAT 356.0 m, ATV ERP 110.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2058357	18927.4
not affected by terrain losses	2058357	18927.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	16567	52.4
lost to ATV IX only	16567	52.4
lost to all IX	16567	52.4

Potential Interfering Stations Included in above Scenario 1

46A MI BAY CITY	DTVPLN	DTVP1648	PLN
46A OH CHILLICOTHE	BLCDT	20021025AAA	LIC
45A MI DETROIT	DTVPLN	DTVP1617	PLN

After Analysis

Results for: 46A OH TOLEDO BLCDT 20030411AAF LIC  
HAAT 356.0 m, ATV ERP 110.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2058357	18927.4
not affected by terrain losses	2058357	18927.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	8464	52.4
lost to ATV IX only	8464	52.4
lost to all IX	8464	52.4

Potential Interfering Stations Included in above Scenario 1

46A MI BAY CITY	DTVPLN	DTVP1648	PLN
46A OH CHILLICOTHE	BLCDT	20021025AAA	LIC

45A MI DETROIT                      USERRECORD01                      APP

Percent new IX =    -0.3969%

Result key:            28  
Scenario            2   Affected station            20  
Before Analysis

Results for: 46A OH TOLEDO                      BLCDT            20030411AAF    LIC  
HAAT   356.0 m, ATV ERP   110.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2058357	18927.4
not affected by terrain losses	2058357	18927.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	16567	52.4
lost to ATV IX only	16567	52.4
lost to all IX	16567	52.4

Potential Interfering Stations Included in above Scenario            2

46A MI BAY CITY	DTVPLN	DTVP1648	PLN
46A OH CHILLICOTHE	DTVPLN	DTVP1652	PLN
45A MI DETROIT	DTVPLN	DTVP1617	PLN

After Analysis

Results for: 46A OH TOLEDO                      BLCDT            20030411AAF    LIC  
HAAT   356.0 m, ATV ERP   110.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2058357	18927.4
not affected by terrain losses	2058357	18927.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	8464	52.4
lost to ATV IX only	8464	52.4
lost to all IX	8464	52.4

Potential Interfering Stations Included in above Scenario            2

46A MI BAY CITY	DTVPLN	DTVP1648	PLN
46A OH CHILLICOTHE	DTVPLN	DTVP1652	PLN

45A MI DETROIT                      USERRECORD01                      APP

Percent new IX =    -0.3969%

Worst case new IX    -0.3969% Scenario            1

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Analysis of Interference to Affected Station    21

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
46	WUPW	TOLEDO OH	DTVPLN	-DTVP1653

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
45	WDIV-TV	DETROIT MI	94.0	PLN	DTVPLN	-DTVP1617
45	WLLA	KALAMAZOO MI	194.3	LIC	BLCDT	-20070529AEA
45	WLLA	KALAMAZOO MI	194.3	PLN	DTVPLN	-DTVP1618
45	WNEO	ALLIANCE OH	227.5	PLN	DTVPLN	-DTVP1626
45	WNEO	ALLIANCE OH	227.4	CP	BPEDT	-20080317AGT
46	WBSF	BAY CITY MI	204.7	APP	BPCDT	-20080317AHM
46	WBSF	BAY CITY MI	204.7	PLN	DTVPLN	-DTVP1648
46	WWHO	CHILLICOTHE OH	231.5	LIC	BLCDT	-20021025AAA
46	WWHO	CHILLICOTHE OH	231.5	PLN	DTVPLN	-DTVP1652
46	WDJT-TV	MILWAUKEE WI	402.2	CP MOD	BMPCDT	-20000419ABR
46	WDJT-TV	MILWAUKEE WI	402.2	PLN	DTVPLN	-DTVP1664
47	WOAC	CANTON OH	186.1	LIC	BLCDT	-20060222AAK
47	WOAC	CANTON OH	186.1	PLN	DTVPLN	-DTVP1685
45	WDIV	DETROIT MI	94.0	APP	USERRECORD-01	

Total scenarios =    2

Result key:            29

Scenario            1    Affected station            21

Before Analysis

Results for: 46A OH TOLEDO                      DTVPLN      DTVP1653      PLN

HAAT 356.0 m, ATV ERP 110.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2058357	18927.4
not affected by terrain losses	2058357	18927.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	16567	52.4
lost to ATV IX only	16567	52.4
lost to all IX	16567	52.4

Potential Interfering Stations Included in above Scenario      1

46A MI BAY CITY	DTVPLN	DTVP1648	PLN
46A OH CHILLICOTHE	BLCDT	20021025AAA	LIC
45A MI DETROIT	DTVPLN	DTVP1617	PLN

#### After Analysis

Results for: 46A OH TOLEDO                      DTVPLN      DTVP1653      PLN

HAAT 356.0 m, ATV ERP 110.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2058357	18927.4
not affected by terrain losses	2058357	18927.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	8464	52.4
lost to ATV IX only	8464	52.4
lost to all IX	8464	52.4

Potential Interfering Stations Included in above Scenario      1

46A MI BAY CITY	DTVPLN	DTVP1648	PLN
46A OH CHILLICOTHE	BLCDT	20021025AAA	LIC
45A MI DETROIT	USERRECORD01		APP

Percent new IX =    -0.3969%

Result key:            30  
Scenario            2   Affected station            21  
Before Analysis

Results for: 46A OH TOLEDO                      DTVPLN      DTVP1653      PLN  
HAAT 356.0 m, ATV ERP 110.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2058357	18927.4
not affected by terrain losses	2058357	18927.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	16567	52.4
lost to ATV IX only	16567	52.4
lost to all IX	16567	52.4

Potential Interfering Stations Included in above Scenario      2

46A MI BAY CITY	DTVPLN	DTVP1648	PLN
46A OH CHILLICOTHE	DTVPLN	DTVP1652	PLN
45A MI DETROIT	DTVPLN	DTVP1617	PLN

#### After Analysis

Results for: 46A OH TOLEDO                      DTVPLN      DTVP1653      PLN  
HAAT 356.0 m, ATV ERP 110.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2058357	18927.4
not affected by terrain losses	2058357	18927.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	8464	52.4
lost to ATV IX only	8464	52.4
lost to all IX	8464	52.4

Potential Interfering Stations Included in above Scenario      2

46A MI BAY CITY	DTVPLN	DTVP1648	PLN
46A OH CHILLICOTHE	DTVPLN	DTVP1652	PLN
45A MI DETROIT	USERRECORD01		APP

Percent new IX =    -0.3969%

Worst case new IX    -0.3969% Scenario      1

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# Analysis of Interference to Affected Station 22

## Analysis of current record

Channel	Call	City/State	Application	Ref. No.
48	WMNT-CA	TOLEDO OH	BLTTL	-19990607JB

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
40	WKAR-TV	EAST LANSING MI	137.4	CP	BPEDT	-20080314ACE
40	WKAR-TV	EAST LANSING MI	137.4	PLN	DTVPLN	-DTVP1441
41	WXYZ-TV	DETROIT MI	93.7	CP	BPCDT	-20080228AAC
41	WXYZ-TV	DETROIT MI	93.7	PLN	DTVPLN	-DTVP1476
41	WXYZ-TV	DETROIT MI	93.7	LIC	BLCDD	-20030325ABI
44	WWJ-TV	DETROIT MI	93.1	APP	BPCDT	-20040803AAX
44	WWJ-TV	DETROIT MI	93.1	PLN	DTVPLN	-DTVP1581
44	WWJ-TV	DETROIT MI	93.1	CP	BPCDT	-20080130AOM
44	WWJ-TV	DETROIT MI	93.1	LIC	BLCDD	-19990720LH
44	WTLW	LIMA OH	113.0	PLN	DTVPLN	-DTVP1591
44	WTLW	LIMA OH	113.0	CP	BPCDT	-20080402AAC
45	WDIV-TV	DETROIT MI	96.0	LIC	BLCDD	-19990429KX
45	WDIV-TV	DETROIT MI	96.0	PLN	DTVPLN	-DTVP1617
46	WUPW	TOLEDO OH	7.1	LIC	BLCDD	-20030411AAF
46	WUPW	TOLEDO OH	7.1	PLN	DTVPLN	-DTVP1653
47	WSYM-TV	LANSING MI	129.4	LIC	BLCT	-19821210KE
48	WTTV	BLOOMINGTON IN	333.5	LIC	BLCDD	-20060630ACD
48	WTTV	BLOOMINGTON IN	333.5	PLN	DTVPLN	-DTVP1707
48	WTTV	BLOOMINGTON IN	333.5	CP	BPCDT	-20060707AFA
48	WHME-TV	SOUTH BEND IN	218.6	LIC	BLCDD	-20060109ABG
48	WHME-TV	SOUTH BEND IN	218.6	PLN	DTVPLN	-DTVP1708
48	W48BZ	ANN ARBOR MI	71.6	APP	BPTTL	-20011231AAC
48	W48AV	DETROIT MI	104.8	LIC	BLTTL	-19960523JB
48	WAQP	SAGINAW MI	179.5	LIC	BLCDD	-20060824ADS
48	WAQP	SAGINAW MI	179.5	PLN	DTVPLN	-DTVP1711
48	W50CD	BOWLING GREEN OH	65.5	APP	BPTTL	-20020130ABU
48	WCET	CINCINNATI OH	293.3	LIC	BLET	-19740227KG
48	WCPX-LP	COLUMBUS OH	186.9	LIC	BLTTL	-20080131ADD

48	WPXI	PITTSBURGH PA	323.7	LIC	BLCDDT	-20050609AAQ
48	WPXI	PITTSBURGH PA	323.7	PLN	DTVPLN	-DTVP1717
48	WJJA	RACINE WI	392.6	PLN	DTVPLN	-DTVP1726
48	WBME-TV	RACINE WI	379.2	LIC	BMLCDDT	-20070823AED
49	WNWO-TV	TOLEDO OH	14.5	LIC	BLCDDT	-20020403AAR
49	WNWO-TV	TOLEDO OH	14.5	PLN	DTVPLN	-DTVP1748
51	WLAJ	LANSING MI	118.3	LIC	BLCDDT	-20040422ABI
51	WLAJ	LANSING MI	118.3	PLN	DTVPLN	-DTVP1798
62	WWJ-TV	DETROIT MI	93.1	LIC	BLCT	-19990720LF
62	WWJ-TV	DETROIT MI	93.1	APP	BPCT	-20040803ACA
63	WINM	ANGOLA IN	108.1	LIC	BLCT	-19930115KE
45	WDIV	DETROIT MI	96.0	APP	USERRECORD-01	

Proposed station is beyond the site to  
nearest cell evaluation distance

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#### Analysis of Interference to Affected Station 23

#### Analysis of current record

Channel	Call	City/State	Application Ref. No.
45	WDIV	DETROIT MI	USERRECORD-01

#### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
44	WZPX	BATTLE CREEK MI	153.8	LIC	BLCDDT -20020510AAG
44	WZPX	BATTLE CREEK MI	153.8	PLN	DTVPLN -DTVP1580
44	WWJ-TV	DETROIT MI	4.7	APP	BPCDDT -20040803AAX
44	WWJ-TV	DETROIT MI	4.7	PLN	DTVPLN -DTVP1581
44	WWJ-TV	DETROIT MI	4.7	CP	BPCDDT -20080130AOM
44	WWJ-TV	DETROIT MI	4.7	LIC	BLCDDT -19990720LH
44	WTLW	LIMA OH	207.7	PLN	DTVPLN -DTVP1591
44	WTLW	LIMA OH	207.7	CP	BPCDDT -20080402AAC
45	WSNS-TV	CHICAGO IL	371.0	LIC	BLCDDT -20010612AIB
45	WSNS-TV	CHICAGO IL	371.0	PLN	DTVPLN -DTVP1611
45	WXIN	INDIANAPOLIS IN	382.0	LIC	BLCDDT -20031003ABM

45	WXIN	INDIANAPOLIS IN	382.0	PLN	DTVPLN	-DTVP1613
45	WLLA	KALAMAZOO MI	184.8	LIC	BLCDDT	-20070529AEA
45	WLLA	KALAMAZOO MI	184.8	PLN	DTVPLN	-DTVP1618
45	WNEO	ALLIANCE OH	258.8	PLN	DTVPLN	-DTVP1626
45	WNEO	ALLIANCE OH	258.7	CP	BPEDT	-20080317AGT
46	WBSF	BAY CITY MI	121.9	APP	BPCDDT	-20080317AHM
46	WBSF	BAY CITY MI	121.8	PLN	DTVPLN	-DTVP1648
46	WUPW	TOLEDO OH	94.0	LIC	BLCDDT	-20030411AAF
46	WUPW	TOLEDO OH	94.0	PLN	DTVPLN	-DTVP1653

Total scenarios = 4

Result key: 31  
 Scenario 1 Affected station 23  
 Before Analysis

Results for: 45A MI DETROIT USERRECORD01 APP

HAAT 306.0 m, ATV ERP 872.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	5567753	26496.1
not affected by terrain losses	5566702	26480.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	109418	1399.4
lost to ATV IX only	109418	1399.4
lost to all IX	109418	1399.4

Potential Interfering Stations Included in above Scenario 1

45A MI KALAMAZOO	BLCDDT	20070529AEA	LIC
46A MI BAY CITY	DTVPLN	DTVP1648	PLN
46A OH TOLEDO	BLCDDT	20030411AAF	LIC

Result key: 32  
 Scenario 2 Affected station 23  
 Before Analysis

Results for: 45A MI DETROIT USERRECORD01 APP

HAAT 306.0 m, ATV ERP 872.0 kW

	POPULATION	AREA (sq km)
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within Noise Limited Contour	5567753	26496.1
not affected by terrain losses	5566702	26480.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	109418	1399.4
lost to ATV IX only	109418	1399.4
lost to all IX	109418	1399.4

Potential Interfering Stations Included in above Scenario 2

45A MI KALAMAZOO	BLCDT	20070529AEA	LIC
46A MI BAY CITY	DTVPLN	DTVP1648	PLN
46A OH TOLEDO	DTVPLN	DTVP1653	PLN

Result key: 33  
 Scenario 3 Affected station 23  
 Before Analysis

Results for: 45A MI DETROIT USERRECORD01 APP

HAAT 306.0 m, ATV ERP 872.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	5567753	26496.1
not affected by terrain losses	5566702	26480.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	108363	1379.3
lost to ATV IX only	108363	1379.3
lost to all IX	108363	1379.3

Potential Interfering Stations Included in above Scenario 3

45A MI KALAMAZOO	DTVPLN	DTVP1618	PLN
46A MI BAY CITY	DTVPLN	DTVP1648	PLN
46A OH TOLEDO	BLCDT	20030411AAF	LIC

Result key: 34  
 Scenario 4 Affected station 23  
 Before Analysis

Results for: 45A MI DETROIT USERRECORD01 APP

HAAT 306.0 m, ATV ERP 872.0 kW

	POPULATION	AREA (sq km)
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within Noise Limited Contour	5567753	26496.1
not affected by terrain losses	5566702	26480.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	108363	1379.3
lost to ATV IX only	108363	1379.3
lost to all IX	108363	1379.3

Potential Interfering Stations Included in above Scenario 4

45A MI KALAMAZOO	DTVPLN	DTVP1618	PLN
46A MI BAY CITY	DTVPLN	DTVP1648	PLN
46A OH TOLEDO	DTVPLN	DTVP1653	PLN

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