

Percent allowed new interference: 0.500
Percent allowed new interference to non Class A LPTV: 2.000
TW Census data selected 2000
Data Base Selected
/space/software/cdb/pt_tvdb.sff

WARNING WARNING WARNING

The following list of station records has been excluded from the analysis
due to the fact that they have the same state, city and channel as the proposed station - This could cause the program to not find a potential fail situation

You can force the program to include these records by setting the state of the proposed record to ZZ and re-running the analysis

WMVT	35	MILWAUKEE	WI	BLEDT	20041207AAK
WMVT	35	MILWAUKEE	WI	BMPEDT	20100810AAW

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 05-07-2011 Time: 17:36:48

Record Selected for Analysis

WMVT	USERRECORD-01	MILWAUKEE	WI	US
Channel	35 ERP 807. kW	HAAT 321. m	RCAMSL 00520 m	
Latitude	043-05-48	Longitude	0087-54-18	
Status	APP	Zone 1	Border	Site number: 01
Dir Antenna	Make usr	Model	WMVT-HAZ	Beam tilt N Ref Azimuth 0.
Last update		Cutoff date		Docket
Comments				
Applicant				

Cell Size for Service Analysis 2.0 km/side

Distance Increments for Longley-Rice Analysis 1.00 km

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

Site number	1			
Azimuth	ERP	HAAT	41.0	dBu F(50,90)
(Deg)	(kW)	(m)	(km)	
0.0	716.103	317.5	95.8	
45.0	108.694	343.0	83.3	
90.0	134.996	343.0	84.9	
135.0	146.451	340.4	85.2	
180.0	776.625	322.9	97.1	
225.0	335.212	299.4	86.8	
270.0	632.063	298.7	92.4	
315.0	334.172	302.4	87.2	

Evaluation toward Class A Stations from site # 01

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

Class A Evaluation Complete

SPACING VIOLATION FOUND BETWEEN STATION

WMVT 35 MILWAUKEE WI USERRECORD01 Site # 01

and station

SHORT TO: WMVT 35 MILWAUKEE WI DTVPLN DTVPL1306
43 -05-46 87 -54-15
Req. separation 196.3 Actual separation 0.1 Short 196.2 km

LANDMOBILE SPACING VIOLATIONS FOUND

NONE from Site # 01

Checks to Site Number 01

Proposed facility OK to FCC Monitoring Stations

Proposed facility OK toward West Virginia quiet zone

Proposed facility OK toward Table Mountain

Proposed facility is beyond the Canadian coordination distance

Proposed facility is beyond the Mexican coordination distance

Proposed station is OK toward AM broadcast stations

Start of Interference Analysis

Channel	Proposed Station Call	City/State	ARN
35	WMVT	MILWAUKEE WI	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan No.	Call	City/State	Dist(km)	Status	Application Ref.
34	WEDE-CA	ARLINGTON HEIGHTS IL	137.1	CP	BDFCDTA

[illegible]

Analysis of current record				
Channel	Call	City/State	Application	Ref. No.
34	WEDE-CA	ARLINGTON HEIGHTS IL	BDFCDTA	-20081014AAM

Chan No.	Call	City/State	Dist (km)	Status	Application	Ref.
33 20100720ABQ	WCHU-LP	CHICAGO IL	2.5	CP	BDISDTL	-
34 20080620AIO	KQIN	DAVENPORT IA	236.6	CP	BPEDT	-
34 20080620AFY	KQIN	DAVENPORT IA	236.6	LIC	BLEDT	-
34 20050921AHY	W34DL	CHAMPAIGN IL	196.0	LIC	BLTT	-
34 20100524AFR	NEW	LEE IL	130.2	APP	BNPDTL	-
34 20040715ADL	WQEC	QUINCY IL	373.8	LIC	BLEDT	-
34 20080728AAX	WMYS-LP	SOUTH BEND IN	123.8	CP	BDISTTL	-
34 20101013ADM	WHTV	JACKSON MI	282.7	CP MOD	BMPCDT	-
34 20110420ABJ	WHTV	JACKSON MI	282.7	APP	BMPCDT	-
34 20071116ABR	WHTV	JACKSON MI	282.7	LIC	BLCDT	-
34 20050412ADP	WISN-TV	MILWAUKEE WI	139.1	LIC	BLCDT	-
34	WISN-TV	MILWAUKEE WI	139.1	CP	BPCDT	-

20100514AEB							
35	WNIT	SOUTH BEND IN	123.6	LIC	BLEDT	-	
20040106ABJ							
35	WNIT	SOUTH BEND IN	123.6	CP	BPEDT	-	
20081103ACU							
35	WMVT	MILWAUKEE WI	137.1	APP	USERRECORD-01		

Proposed station is beyond the site to
nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 2

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
34	WISN-TV	MILWAUKEE WI	BLCDDT	-20050412ADP

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
33	WITI	MILWAUKEE WI	3.4	LIC	BLCDDT	-
20091106AEL						
34	KQIN	DAVENPORT IA	284.1	CP	BPEDT	-
20080620AIO						
34	KQIN	DAVENPORT IA	284.1	LIC	BLEDT	-
20080620AFY						
34	WHTV	JACKSON MI	293.0	CP MOD	BMPCDDT	-
20101013ADM						
34	WHTV	JACKSON MI	293.0	APP	BMPCDDT	-
20110420ABJ						
34	WHTV	JACKSON MI	293.0	LIC	BLCDDT	-
20071116ABR						
35	WNIT	SOUTH BEND IN	219.4	LIC	BLEDT	-
20040106ABJ						
35	WNIT	SOUTH BEND IN	219.4	CP	BPEDT	-
20081103ACU						
35	WMVT	MILWAUKEE WI	2.6	PLN	DTVPLN	-
DTVP1306						
35	WMVT	MILWAUKEE WI	2.5	APP	USERRECORD-01	

Total scenarios = 1

Result key: 1
Scenario 1 Affected station 2
Before Analysis

Results for: 34A WI MILWAUKEE	BLCDDT	20050412ADP	LIC
HAAT 263.0 m, ATV ERP 863.0 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2684970	23519.5	
not affected by terrain losses	2661761	23386.6	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	1178	72.5	
lost to ATV IX only	1178	72.5	
lost to all IX	1178	72.5	

Potential Interfering Stations Included in above Scenario 1

33A WI MILWAUKEE	BLCDDT	20091106AEL	LIC
34A IA DAVENPORT	BPEDT	20080620AIO	CP
35A WI MILWAUKEE	DTVPLN	DTVP1306	PLN

After Analysis

Results for: 34A WI MILWAUKEE BLCDDT 20050412ADP LIC
 HAAT 263.0 m, ATV ERP 863.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2684970	23519.5
not affected by terrain losses	2661761	23386.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	730	60.4
lost to ATV IX only	730	60.4
lost to all IX	730	60.4

Potential Interfering Stations Included in above Scenario 1

33A WI MILWAUKEE	BLCDDT	20091106AEL	LIC
34A IA DAVENPORT	BPEDT	20080620AIO	CP
35A WI MILWAUKEE	USERRECORD01		APP

Percent new IX = -0.0168%

Worst case new IX -0.0168% Scenario 1

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Analysis of Interference to Affected Station 3

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
34	WISN-TV	MILWAUKEE WI	BPCDDT	-20100514AEB

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
33	WITI	MILWAUKEE WI	3.4	LIC	BLCDDT	-
20091106AEL						
34	KQIN	DAVENPORT IA	284.1	CP	BPEDT	-
20080620AIO						
34	KQIN	DAVENPORT IA	284.1	LIC	BLEDT	-
20080620AFY						
34	WHTV	JACKSON MI	293.0	CP MOD	BMPCDDT	-
20101013ADM						
34	WHTV	JACKSON MI	293.0	APP	BMPCDDT	-
20110420ABJ						
34	WHTV	JACKSON MI	293.0	LIC	BLCDDT	-
20071116ABR						
35	WNIT	SOUTH BEND IN	219.4	LIC	BLEDT	-
20040106ABJ						
35	WNIT	SOUTH BEND IN	219.4	CP	BPEDT	-
20081103ACU						
35	WMVT	MILWAUKEE WI	2.6	PLN	DTVPLN	-
DTVP1306						
35	WMVT	MILWAUKEE WI	2.5	APP	USERRECORD-01	

Total scenarios = 1

Result key: 2
Scenario 1 Affected station 3
Before Analysis

Results for: 34A WI MILWAUKEE BPCDT 20100514AEB CP
HAAT 303.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2759570	25392.2
not affected by terrain losses	2757839	25243.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1960	56.3
lost to ATV IX only	1960	56.3
lost to all IX	1960	56.3

Potential Interfering Stations Included in above Scenario 1

33A WI MILWAUKEE	BLCDT	20091106AEL	LIC
34A IA DAVENPORT	BPEDT	20080620AIO	CP
35A WI MILWAUKEE	DTVPLN	DTVP1306	PLN

After Analysis

Results for: 34A WI MILWAUKEE BPCDT 20100514AEB CP
HAAT 303.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2759570	25392.2
not affected by terrain losses	2757839	25243.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	2110	60.4
lost to ATV IX only	2110	60.4
lost to all IX	2110	60.4

Potential Interfering Stations Included in above Scenario 1

33A WI MILWAUKEE	BLCDT	20091106AEL	LIC
34A IA DAVENPORT	BPEDT	20080620AIO	CP
35A WI MILWAUKEE	USERRECORD01		APP

Percent new IX = 0.0054%

Worst case new IX 0.0054% Scenario 1

#####

Analysis of Interference to Affected Station 4

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
35	KRIN	WATERLOO IA	BLEDT	-20050218ABQ

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
34	KEFB	AMES IA	159.5	CP	BPEDT	-

20080808ABH						
34	KQIN	DAVENPORT IA	165.7	CP	BPEDT	-
20080620AIO						
34	KQIN	DAVENPORT IA	165.7	LIC	BLEDT	-
20080620AFY						
35	KHIN	RED OAK IA	301.4	LIC	BLEDT	-
20051116AED						
35	KSTP-TV	ST. PAUL MN	322.1	CP	BPCDT	-
20080321ABD						
35	WMVT	MILWAUKEE WI	334.4	PLN	DTVPLN	-
DTVP1306						
36	KWQC-TV	DAVENPORT IA	165.7	LIC	BLCDT	-
20090708AGG						
36	KAAL	AUSTIN MN	157.1	CP	BPCDT	-
20080422AAE						
35	WMVT	MILWAUKEE WI	334.3	APP	USERRECORD-01	

Total scenarios = 1

Result key: 3
 Scenario 1 Affected station 4
 Before Analysis

Results for: 35A IA WATERLOO BLEDT 20050218ABQ LIC
 HAAT 584.0 m, ATV ERP 250.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	900802	36354.2
not affected by terrain losses	878376	35926.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	9149	318.5
lost to ATV IX only	9149	318.5
lost to all IX	9149	318.5

Potential Interfering Stations Included in above Scenario 1

35A IA RED OAK	BLEDT	20051116AED	LIC
35A MN ST. PAUL	BPCDT	20080321ABD	CP
36A IA DAVENPORT	BLCDT	20090708AGG	LIC
36A MN AUSTIN	BPCDT	20080422AAE	CP
35A WI MILWAUKEE	DTVPLN	DTVP1306	PLN

After Analysis

Results for: 35A IA WATERLOO BLEDT 20050218ABQ LIC
 HAAT 584.0 m, ATV ERP 250.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	900802	36354.2
not affected by terrain losses	878376	35926.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	8677	314.5
lost to ATV IX only	8677	314.5
lost to all IX	8677	314.5

Potential Interfering Stations Included in above Scenario 1

35A IA RED OAK	BLEDT	20051116AED	LIC
35A MN ST. PAUL	BPCDT	20080321ABD	CP
36A IA DAVENPORT	BLCDT	20090708AGG	LIC
36A MN AUSTIN	BPCDT	20080422AAE	CP
35A WI MILWAUKEE	USERRECORD01	APP	

Percent new IX = -0.0543%

Worst case new IX -0.0543% Scenario 1

#####

Analysis of Interference to Affected Station 5

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
35	WNIT	SOUTH BEND IN	BLEDT	-20040106ABJ

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
34	WHTV	JACKSON MI	191.3	CP MOD	BMPCDT	-
20101013ADM						
34	WHTV	JACKSON MI	191.3	APP	BMPCDT	-
20110420ABJ						
34	WHTV	JACKSON MI	191.3	LIC	BLCDDT	-
20071116ABR						
34	WISN-TV	MILWAUKEE WI	219.4	LIC	BLCDDT	-
20050412ADP						
34	WISN-TV	MILWAUKEE WI	219.4	CP	BPCDDT	-
20100514AEB						
35	WLWT	CINCINNATI OH	310.6	LIC	BLCDDT	-
20050502ABC						
35	WMVT	MILWAUKEE WI	216.8	PLN	DTVPLN	-
DTVP1306						
36	WFFT-TV	FORT WAYNE IN	100.1	CP MOD	BMPCDT	-
20070125ACY						
36	WJYS	HAMMOND IN	123.5	CP	BPCDDT	-
20080619AIZ						
36	WJYS	HAMMOND IN	123.6	LIC	BLCDDT	-
20020801ABI						
36	WLNS-TV	LANSING MI	191.3	CP MOD	BMPCDT	-
20080618AEA						
35	WMVT	MILWAUKEE WI	216.9	APP	USERRECORD-01	

Total scenarios = 2

Result key: 4

Scenario 1 Affected station 5

Before Analysis

Results for: 35A IN SOUTH BEND BLEDT 20040106ABJ LIC
HAAT 333.0 m, ATV ERP 50.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1217700	18903.7
not affected by terrain losses	1217700	18903.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	19225	403.0
lost to ATV IX only	19225	403.0
lost to all IX	19225	403.0

Potential Interfering Stations Included in above Scenario 1

35A OH CINCINNATI	BLCDDT	20050502ABC	LIC
36A IN FORT WAYNE	BMPCDDT	20070125ACY	CP
36A IN HAMMOND	BPCDDT	20080619AIZ	CP
35A WI MILWAUKEE	DTVPLN	DTVP1306	PLN

After Analysis

Results for: 35A IN SOUTH BEND BLEDT 20040106ABJ LIC
 HAAT 333.0 m, ATV ERP 50.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1217700	18903.7
not affected by terrain losses	1217700	18903.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	19507	411.0
lost to ATV IX only	19507	411.0
lost to all IX	19507	411.0

Potential Interfering Stations Included in above Scenario 1

35A OH CINCINNATI	BLCDDT	20050502ABC	LIC
36A IN FORT WAYNE	BMPCDDT	20070125ACY	CP
36A IN HAMMOND	BPCDDT	20080619AIZ	CP
35A WI MILWAUKEE	USERRECORD01		APP

Percent new IX = 0.0235%

Result key: 5
 Scenario 2 Affected station 5
 Before Analysis

Results for: 35A IN SOUTH BEND BLEDT 20040106ABJ LIC
 HAAT 333.0 m, ATV ERP 50.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1217700	18903.7
not affected by terrain losses	1217700	18903.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	15143	354.6
lost to ATV IX only	15143	354.6
lost to all IX	15143	354.6

Potential Interfering Stations Included in above Scenario 2

35A OH CINCINNATI	BLCDDT	20050502ABC	LIC
36A IN FORT WAYNE	BMPCDDT	20070125ACY	CP
36A IN HAMMOND	BLCDDT	20020801ABI	LIC
35A WI MILWAUKEE	DTVPLN	DTVP1306	PLN

After Analysis

Results for: 35A IN SOUTH BEND BLEDT 20040106ABJ LIC
 HAAT 333.0 m, ATV ERP 50.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1217700	18903.7
not affected by terrain losses	1217700	18903.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	17662	394.9
lost to ATV IX only	17662	394.9
lost to all IX	17662	394.9

Potential Interfering Stations Included in above Scenario 2

35A OH CINCINNATI	BLCDDT	20050502ABC	LIC
36A IN FORT WAYNE	BMPCDDT	20070125ACY	CP
36A IN HAMMOND	BLCDDT	20020801ABI	LIC
35A WI MILWAUKEE	USERRECORD01		APP

Percent new IX = 0.2095%

Worst case new IX 0.2095% Scenario 2

#####

Analysis of Interference to Affected Station 6

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
35	WNIT	SOUTH BEND IN	BPEDT	-20081103ACU

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
34	WHTV	JACKSON MI	191.3	CP MOD	BMPCDDT	-
20101013ADM						
34	WHTV	JACKSON MI	191.3	APP	BMPCDDT	-
20110420ABJ						
34	WHTV	JACKSON MI	191.3	LIC	BLCDDT	-
20071116ABR						
34	WISN-TV	MILWAUKEE WI	219.4	LIC	BLCDDT	-
20050412ADP						
34	WISN-TV	MILWAUKEE WI	219.4	CP	BPCDDT	-
20100514AEB						
35	WLWT	CINCINNATI OH	310.6	LIC	BLCDDT	-
20050502ABC						
35	WMVT	MILWAUKEE WI	216.8	PLN	DTVPLN	-
DTVP1306						
36	WFFT-TV	FORT WAYNE IN	100.1	CP MOD	BMPCDDT	-
20070125ACY						
36	WJYS	HAMMOND IN	123.5	CP	BPCDDT	-
20080619AIZ						
36	WJYS	HAMMOND IN	123.6	LIC	BLCDDT	-
20020801ABI						
36	WLNS-TV	LANSING MI	191.3	CP MOD	BMPCDDT	-
20080618AEA						
35	WMVT	MILWAUKEE WI	216.9	APP	USERRECORD-01	

Total scenarios = 2

Result key: 6

Scenario 1 Affected station 6

Before Analysis

Results for: 35A IN SOUTH BEND BPEDT 20081103ACU CP

HAAT 333.0 m, ATV ERP 85.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1258982	19540.1
not affected by terrain losses	1258982	19540.1
lost to NTSC IX	0	0.0

lost to additional IX by ATV	38557	479.5
lost to ATV IX only	38557	479.5
lost to all IX	38557	479.5

Potential Interfering Stations Included in above Scenario 1

35A OH CINCINNATI	BLCDT	20050502ABC	LIC
36A IN FORT WAYNE	BMPCDT	20070125ACY	CP
36A IN HAMMOND	BPCDT	20080619AIZ	CP
35A WI MILWAUKEE	DTVPLN	DTVP1306	PLN

After Analysis

Results for: 35A IN SOUTH BEND BPEDT 20081103ACU CP
 HAAT 333.0 m, ATV ERP 85.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1258982	19540.1
not affected by terrain losses	1258982	19540.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	38557	479.5
lost to ATV IX only	38557	479.5
lost to all IX	38557	479.5

Potential Interfering Stations Included in above Scenario 1

35A OH CINCINNATI	BLCDT	20050502ABC	LIC
36A IN FORT WAYNE	BMPCDT	20070125ACY	CP
36A IN HAMMOND	BPCDT	20080619AIZ	CP
35A WI MILWAUKEE	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 7
 Scenario 2 Affected station 6
 Before Analysis

Results for: 35A IN SOUTH BEND BPEDT 20081103ACU CP
 HAAT 333.0 m, ATV ERP 85.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1258982	19540.1
not affected by terrain losses	1258982	19540.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	28508	419.1
lost to ATV IX only	28508	419.1
lost to all IX	28508	419.1

Potential Interfering Stations Included in above Scenario 2

35A OH CINCINNATI	BLCDT	20050502ABC	LIC
36A IN FORT WAYNE	BMPCDT	20070125ACY	CP
36A IN HAMMOND	BLCDT	20020801ABI	LIC
35A WI MILWAUKEE	DTVPLN	DTVP1306	PLN

After Analysis

Results for: 35A IN SOUTH BEND BPEDT 20081103ACU CP
 HAAT 333.0 m, ATV ERP 85.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1258982	19540.1
not affected by terrain losses	1258982	19540.1
lost to NTSC IX	0	0.0

lost to additional IX by ATV	32962	443.3
lost to ATV IX only	32962	443.3
lost to all IX	32962	443.3

Potential Interfering Stations Included in above Scenario 2

35A OH CINCINNATI	BLCDDT	20050502ABC	LIC
36A IN FORT WAYNE	BMPCDDT	20070125ACY	CP
36A IN HAMMOND	BLCDDT	20020801ABI	LIC
35A WI MILWAUKEE	USERRECORD01		APP

Percent new IX = 0.3620%

Worst case new IX 0.3620% Scenario 2

#####

Analysis of Interference to Affected Station 7

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
35	WTOM-TV	CHEBOYGAN MI	BLCDDT	-20040420AAI

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
35	WLUC-TV	MARQUETTE MI	281.2	LIC	BLCDDT	-
20040202ALY						
35	WLUC-TV	MARQUETTE MI	281.2	CP	BPCDDT	-
20041021ADR						
35	WMVT	MILWAUKEE WI	400.7	PLN	DTVPLN	-
DIVP1306						
35	WMVT	MILWAUKEE WI	400.7	APP	USERRECORD-01	

Proposal causes no interference

#####

Analysis of Interference to Affected Station 8

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
35	WLUC-TV	MARQUETTE MI	BLCDDT	-20040202ALY

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
35	WTOM-TV	CHEBOYGAN MI	281.2	LIC	BLCDDT	-
20040420AAI						
35	WMVT	MILWAUKEE WI	360.2	PLN	DTVPLN	-
DIVP1306						
36	WLEF-TV	PARK FALLS WI	191.7	CP	BPEDT	-
20100407AAE						
36	WLEF-TV	PARK FALLS WI	191.7	LIC	BLEDT	-
20090710ACB						
35	WMVT	MILWAUKEE WI	360.1	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 9

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
35	WLUC-TV	MARQUETTE MI	BPCDT	-20041021ADR

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
35	WTOM-TV	CHEBOYGAN MI	281.2	LIC	BLCDT	-
20040420AAI						
35	WMVT	MILWAUKEE WI	360.2	PLN	DTVPLN	-
DTVP1306						
36	WLEF-TV	PARK FALLS WI	191.7	CP	BPEDT	-
20100407AAE						
36	WLEF-TV	PARK FALLS WI	191.7	LIC	BLEDT	-
20090710ACB						
35	WMVT	MILWAUKEE WI	360.1	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.
35	WOHL-CD	LIMA OH	BLDTA	-20090817ACL

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
35	NEW	FORT WAYNE IN	84.1	APP	BNPDTL	-
20091218AFM						
35	WNIT	SOUTH BEND IN	197.2	LIC	BLEDT	-
20040106ABJ						
35	WNIT	SOUTH BEND IN	197.2	CP	BPEDT	-
20081103ACU						
35	WOUC-TV	CAMBRIDGE OH	251.4	LIC	BLEDT	-
20050427AAB						
35	WLWT	CINCINNATI OH	183.5	LIC	BLCDT	-
20050502ABC						
36	WFFT-TV	FORT WAYNE IN	97.9	CP MOD	BMPCDT	-
20070125ACY						
36	WITE	COLUMBUS OH	130.3	CP	BPCDT	-
19991029AGZ						
35	WMVT	MILWAUKEE WI	406.8	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.
36	WJYS	HAMMOND IN	BPCDT	-20080619AIZ

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
35	WNIT	SOUTH BEND IN	123.5	LIC	BLEDT	-
20040106ABJ						
35	WNIT	SOUTH BEND IN	123.5	CP	BPEDT	-
20081103ACU						
35	WMVT	MILWAUKEE WI	137.1	PLN	DTVPLN	-
DTVP1306						
36	KWQC-TV	DAVENPORT IA	236.6	LIC	BLCDDT	-
20090708AGG						
36	WFFT-TV	FORT WAYNE IN	220.5	CP MOD	BMPCDDT	-
20070125ACY						
36	WTWO	TERRE HAUTE IN	293.8	CP MOD	BMPCDDT	-
20070125ADB						
36	WLNS-TV	LANSING MI	282.7	CP MOD	BMPCDDT	-
20080618AEA						
35	WMVT	MILWAUKEE WI	137.1	APP	USERRECORD-01	

Total scenarios = 2

Result key: 8
Scenario 1 Affected station 11
Before Analysis

Results for: 36A IN HAMMOND BPCDT 20080619AIZ CP

HAAT 510.0 m, ATV ERP 145.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	9274749	25477.6
not affected by terrain losses	9274749	25477.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	61656	670.7
lost to ATV IX only	61656	670.7
lost to all IX	61656	670.7

Potential Interfering Stations Included in above Scenario 1

35A IN SOUTH BEND	BLEDT	20040106ABJ	LIC
36A IA DAVENPORT	BLCDDT	20090708AGG	LIC
36A IN FORT WAYNE	BMPCDDT	20070125ACY	CP
36A IN TERRE HAUTE	BMPCDDT	20070125ADB	CP
35A WI MILWAUKEE	DTVPLN	DTVP1306	PLN

After Analysis

Results for: 36A IN HAMMOND BPCDT 20080619AIZ CP

HAAT 510.0 m, ATV ERP 145.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	9274749	25477.6
not affected by terrain losses	9274749	25477.6

lost to NTSC IX	0	0.0
lost to additional IX by ATV	61656	670.7
lost to ATV IX only	61656	670.7
lost to all IX	61656	670.7

Potential Interfering Stations Included in above Scenario 1

35A IN SOUTH BEND	BLEDT	20040106ABJ	LIC
36A IA DAVENPORT	BLCDDT	20090708AGG	LIC
36A IN FORT WAYNE	BMPCDDT	20070125ACY	CP
36A IN TERRE HAUTE	BMPCDDT	20070125ADB	CP
35A WI MILWAUKEE	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 9
 Scenario 2 Affected station 11
 Before Analysis

Results for: 36A IN HAMMOND BPCDDT 20080619AIZ CP

HAAT 510.0 m, ATV ERP 145.0 kW		
	POPULATION	AREA (sq km)
within Noise Limited Contour	9274749	25477.6
not affected by terrain losses	9274749	25477.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	61656	670.7
lost to ATV IX only	61656	670.7
lost to all IX	61656	670.7

Potential Interfering Stations Included in above Scenario 2

35A IN SOUTH BEND	BPEDT	20081103ACU	CP
36A IA DAVENPORT	BLCDDT	20090708AGG	LIC
36A IN FORT WAYNE	BMPCDDT	20070125ACY	CP
36A IN TERRE HAUTE	BMPCDDT	20070125ADB	CP
35A WI MILWAUKEE	DTVPLN	DTVP1306	PLN

After Analysis

Results for: 36A IN HAMMOND BPCDDT 20080619AIZ CP

HAAT 510.0 m, ATV ERP 145.0 kW		
	POPULATION	AREA (sq km)
within Noise Limited Contour	9274749	25477.6
not affected by terrain losses	9274749	25477.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	61656	670.7
lost to ATV IX only	61656	670.7
lost to all IX	61656	670.7

Potential Interfering Stations Included in above Scenario 2

35A IN SOUTH BEND	BPEDT	20081103ACU	CP
36A IA DAVENPORT	BLCDDT	20090708AGG	LIC
36A IN FORT WAYNE	BMPCDDT	20070125ACY	CP
36A IN TERRE HAUTE	BMPCDDT	20070125ADB	CP
35A WI MILWAUKEE	USERRECORD01		APP

Percent new IX = 0.0000%

Worst case new IX 0.0000% Scenario 1

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Analysis of Interference to Affected Station 12

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
36	WJYS	HAMMOND IN	BLCDT	-20020801ABI

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
35	WNIT	SOUTH BEND IN	123.6	LIC	BLEDT	-
20040106ABJ						
35	WNIT	SOUTH BEND IN	123.6	CP	BPEDT	-
20081103ACU						
35	WMVT	MILWAUKEE WI	137.1	PLN	DTVPLN	-
DTVP1306						
36	KWQC-TV	DAVENPORT IA	236.6	LIC	BLCDT	-
20090708AGG						
36	WFFT-TV	FORT WAYNE IN	220.5	CP MOD	BMPCDT	-
20070125ACY						
36	WTWO	TERRE HAUTE IN	293.8	CP MOD	BMPCDT	-
20070125ADB						
36	WLNS-TV	LANSING MI	282.7	CP MOD	BMPCDT	-
20080618AEA						
35	WMVT	MILWAUKEE WI	137.1	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.
35	WMVT	MILWAUKEE WI	USERRECORD-01	

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
34	WISN-TV	MILWAUKEE WI	2.5	LIC	BLCDT	-
20050412ADP						
34	WISN-TV	MILWAUKEE WI	2.5	CP	BPCDT	-
20100514AEB						
35	KRIN	WATERLOO IA	334.3	LIC	BLEDT	-
20050218ABQ						
35	WNIT	SOUTH BEND IN	216.9	LIC	BLEDT	-
20040106ABJ						
35	WNIT	SOUTH BEND IN	216.9	CP	BPEDT	-
20081103ACU						
35	WTOM-TV	CHEBOYGAN MI	400.7	LIC	BLCDT	-
20040420AAI						
35	WLUC-TV	MARQUETTE MI	360.1	LIC	BLCDT	-
20040202ALY						
35	WLUC-TV	MARQUETTE MI	360.1	CP	BPCDT	-
20041021ADR						

36	WJYS	HAMMOND IN	137.1	CP	BPCDT	-
20080619AIZ						
36	WJYS	HAMMOND IN	137.1	LIC	BLCDDT	-
20020801ABI						

Total scenarios = 4

Result key: 10
 Scenario 1 Affected station 13
 Before Analysis

Results for: 35A WI MILWAUKEE USERRECORD01 APP
 HAAT 321.0 m, ATV ERP 807.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2758670	25137.6
not affected by terrain losses	2741302	24952.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	24318	80.5
lost to ATV IX only	24318	80.5
lost to all IX	24318	80.5

Potential Interfering Stations Included in above Scenario 1

34A WI MILWAUKEE	BLCDDT	20050412ADP	LIC
35A IA WATERLOO	BLEDDT	20050218ABQ	LIC
35A IN SOUTH BEND	BLEDDT	20040106ABJ	LIC
36A IN HAMMOND	BPCDDT	20080619AIZ	CP

Result key: 11
 Scenario 2 Affected station 13
 Before Analysis

Results for: 35A WI MILWAUKEE USERRECORD01 APP
 HAAT 321.0 m, ATV ERP 807.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2758670	25137.6
not affected by terrain losses	2741302	24952.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	24352	92.6
lost to ATV IX only	24352	92.6
lost to all IX	24352	92.6

Potential Interfering Stations Included in above Scenario 2

34A WI MILWAUKEE	BLCDDT	20050412ADP	LIC
35A IA WATERLOO	BLEDDT	20050218ABQ	LIC
35A IN SOUTH BEND	BPEDT	20081103ACU	CP
36A IN HAMMOND	BPCDDT	20080619AIZ	CP

Result key: 12
 Scenario 3 Affected station 13
 Before Analysis

Results for: 35A WI MILWAUKEE USERRECORD01 APP
 HAAT 321.0 m, ATV ERP 807.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2758670	25137.6
not affected by terrain losses	2741302	24952.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	28019	96.7

lost to ATV IX only	28019	96.7
lost to all IX	28019	96.7

Potential Interfering Stations Included in above Scenario 3

34A WI MILWAUKEE	BPCDT	20100514AEB	CP
35A IA WATERLOO	BLEDT	20050218ABQ	LIC
35A IN SOUTH BEND	BLEDT	20040106ABJ	LIC
36A IN HAMMOND	BPCDT	20080619AIZ	CP

Result key: 13
Scenario 4 Affected station 13
Before Analysis

Results for: 35A WI MILWAUKEE	USERRECORD01	APP
HAAT 321.0 m, ATV ERP 807.0 kW		
	POPULATION	AREA (sq km)
within Noise Limited Contour	2758670	25137.6
not affected by terrain losses	2741302	24952.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	28053	108.7
lost to ATV IX only	28053	108.7
lost to all IX	28053	108.7

Potential Interfering Stations Included in above Scenario 4

34A WI MILWAUKEE	BPCDT	20100514AEB	CP
35A IA WATERLOO	BLEDT	20050218ABQ	LIC
35A IN SOUTH BEND	BPEDT	20081103ACU	CP
36A IN HAMMOND	BPCDT	20080619AIZ	CP

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