

Percent allowed new interference: 0.500
 Percent allowed new interference to non Class A LPTV: 2.000
 TW Census data selected 2000
 Data Base Selected
 /space/software/cdbs/pt_tvdb.sff
 TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 08-09-2010 Time: 19:18:05

Record Selected for Analysis

WMVT USERRECORD-01 MILWAUKEE WI US
 Channel 35 ERP 688. kW HAAT 353. m RCAMSL 00552 m
 Latitude 043-05-46 Longitude 0087-54-15
 Status APP Zone 1 Border Site number: 01
 Dir Antenna Make usr Model ERI-03 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	644.672	350.8	98.0
45.0	190.715	375.0	90.3
90.0	61.920	375.0	82.4
135.0	190.715	372.6	90.1
180.0	644.672	354.9	98.4
225.0	400.532	331.3	92.2
270.0	688.000	331.0	96.8
315.0	400.532	334.6	92.5

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 DTVPL1304
 43 -05-46 87 -54-15
 Req. separation 196.3 Actual separation 0.0 Short 196.3 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	Call	City/State	ARN
35	WMVT	MILWAUKEE WI	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
34	WEDE-CA	ARLINGTON HEIGHTS IL	137.1	CP	BDFCDTA	20081014AAM
34	WISN-TV	MILWAUKEE WI	2.6	CP	BPCDT	20100514AEB
34	WISN-TV	MILWAUKEE WI	2.6	LIC	BLCDT	20050412ADP
35	KRIN	WATERLOO IA	334.4	LIC	BLEDT	20050218ABQ
35	WNIT	SOUTH BEND IN	216.8	CP	BPEDT	20081103ACU
35	WNIT	SOUTH BEND IN	216.8	LIC	BLEDT	20040106ABJ
35	WTOM-TV	CHEBOYGAN MI	400.7	LIC	BLCDT	20040420AAI
35	WLUC-TV	MARQUETTE MI	360.2	LIC	BLCDT	20040202ALY
35	WLUC-TV	MARQUETTE MI	360.2	CP	BPCDT	20041021ADR
35	WOHL-CD	LIMA OH	406.7	LIC	BLDTA	20090817ACL
36	WJYS	HAMMOND IN	137.1	LIC	BLCDT	20020801ABI
36	WJYS	HAMMOND IN	137.1	CP	BPCDT	20080619AIZ

%%%

Analysis of Interference to Affected Station 1

Analysis of current record

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

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
33	WCHU-LP	CHICAGO IL	2.5	APP	BDISDTL	-20100720ABQ
33	NEW	CHICAGO IL	2.5	APP	BDCCDTL	-20061030ASM
34	KQIN	DAVENPORT IA	236.6	CP	BPEDT	-20080620AIO
34	KQIN	DAVENPORT IA	236.6	LIC	BLEDT	-20080620AFY
34	W34DL	CHAMPAIGN IL	196.0	LIC	BLTT	-20050921AHY
34	NEW	LEE IL	130.2	APP	BNPDTL	-20100524AFR

34	WQEC	QUINCY IL	373.8	LIC	BLEDT	-20040715ADL
34	WIPX-LP	INDIANAPOLIS IN	251.2	CP	BDISTTL	-20071206ACU
34	W57CQ	LAFAYETTE IN	177.6	APP	BPTTL	-20020814ABB
34	WMYS-LP	SOUTH BEND IN	123.8	CP	BDISTTL	-20080728AAX
34	WHTV	JACKSON MI	282.7	LIC	BLCDT	-20071116ABR
34	WHTV	JACKSON MI	282.7	APP	BPCDT	-20080620AGY
34	WISN-TV	MILWAUKEE WI	139.1	CP	BPCDT	-20100514AEB
34	WISN-TV	MILWAUKEE WI	139.1	LIC	BLCDT	-20050412ADP
35	WNIT	SOUTH BEND IN	123.6	CP	BPEDT	-20081103ACU
35	WNIT	SOUTH BEND IN	123.6	LIC	BLEDT	-20040106ABJ
35	WMVT	MILWAUKEE WI	137.1	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 2

Analysis of current record

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

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
33	WITI	MILWAUKEE WI	3.4	CP MOD	BMPCDT	-20081204ADM
34	KQIN	DAVENPORT IA	284.1	CP	BPEDT	-20080620AIO
34	KQIN	DAVENPORT IA	284.1	LIC	BLEDT	-20080620AFY
34	WHTV	JACKSON MI	293.0	LIC	BLCDT	-20071116ABR
34	WHTV	JACKSON MI	293.0	APP	BPCDT	-20080620AGY
35	WNIT	SOUTH BEND IN	219.4	CP	BPEDT	-20081103ACU
35	WNIT	SOUTH BEND IN	219.4	LIC	BLEDT	-20040106ABJ
35	WMVT	MILWAUKEE WI	2.6	PLN	DTVPLN	-DTVP1304
35	WMVT	MILWAUKEE WI	2.6	APP	USERRECORD-01	

Total scenarios = 1

Result key: 1
Scenario 1 Affected station 2
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	BMPCDT	20081204ADM	CP
34A IA DAVENPORT	BPEDT	20080620AIO	CP
35A WI MILWAUKEE	DTVPLN	DTVP1304	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	2599	76.5
lost to ATV IX only	2599	76.5
lost to all IX	2599	76.5

Potential Interfering Stations Included in above Scenario 1

33A WI MILWAUKEE	BMPCDT	20081204ADM	CP
34A IA DAVENPORT	BPEDT	20080620AIO	CP
35A WI MILWAUKEE	USERRECORD01		APP

Percent new IX = 0.0232%

Worst case new IX 0.0232% 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	BLCDDT	-20050412ADP

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
33	WITI	MILWAUKEE WI	3.4	CP MOD	BMPCDT	-20081204ADM
34	KQIN	DAVENPORT IA	284.1	CP	BPEDT	-20080620AIO
34	KQIN	DAVENPORT IA	284.1	LIC	BLEDT	-20080620AFY
34	WHTV	JACKSON MI	293.0	LIC	BLCDDT	-20071116ABR
34	WHTV	JACKSON MI	293.0	APP	BPCDDT	-20080620AGY
35	WNIT	SOUTH BEND IN	219.4	CP	BPEDT	-20081103ACU
35	WNIT	SOUTH BEND IN	219.4	LIC	BLEDT	-20040106ABJ
35	WMVT	MILWAUKEE WI	2.6	PLN	DTVPLN	-DTVP1304
35	WMVT	MILWAUKEE WI	2.6	APP	USERRECORD-01	

Total scenarios = 1

Result key: 2
 Scenario 1 Affected station 3
 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	BMPCDT	20081204ADM	CP
34A IA DAVENPORT	BPEDT	20080620AIO	CP
35A WI MILWAUKEE	DTVPLN	DTVP1304	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	1491	104.7
lost to ATV IX only	1491	104.7
lost to all IX	1491	104.7

Potential Interfering Stations Included in above Scenario 1

33A WI MILWAUKEE	BMPCDT	20081204ADM	CP
34A IA DAVENPORT	BPEDT	20080620AIO	CP
35A WI MILWAUKEE	USERRECORD01		APP

Percent new IX = 0.0118%

Worst case new IX 0.0118% Scenario 1

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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	Call	City/State	Dist(km)	Status	Application	Ref. No.
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	-DTVP1304
36	KWQC-TV	DAVENPORT IA	165.7	LIC	BLCDT	-20090708AGG
36	KAAL	AUSTIN MN	157.1	CP	BPCDT	-20080422AAE
35	WMVT	MILWAUKEE WI	334.4	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	DTVP1304	PLN

After Analysis

Results for: 35A IA WATERLOO BLEDT 20050218ABQ LIC

HAAT 584.0 m, ATV ERP 250.0 kW	POPULATION	AREA (sq km)
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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	9229	326.6
lost to ATV IX only	9229	326.6
lost to all IX	9229	326.6

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 = 0.0092%

Worst case new IX 0.0092% Scenario 1

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Analysis of Interference to Affected Station 5

Analysis of current record

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

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
34	WHTV	JACKSON MI	191.3	LIC	BLCDT	-20071116ABR
34	WHTV	JACKSON MI	191.3	APP	BPCDT	-20080620AGY
34	WISN-TV	MILWAUKEE WI	219.4	CP	BPCDT	-20100514AEB
34	WISN-TV	MILWAUKEE WI	219.4	LIC	BLCDT	-20050412ADP
35	WLWT	CINCINNATI OH	310.6	LIC	BLCDT	-20050502ABC
35	WMVT	MILWAUKEE WI	216.8	PLN	DTVPLN	-DTVP1304
36	WFFT-TV	FORT WAYNE IN	100.1	CP MOD	BMPCDT	-20070125ACY
36	WJYS	HAMMOND IN	123.6	LIC	BLCDT	-20020801ABI
36	WJYS	HAMMOND IN	123.5	CP	BPCDT	-20080619AIZ
36	WLNS-TV	LANSING MI	191.3	CP MOD	BMPCDT	-20080618AEA
35	WMVT	MILWAUKEE WI	216.8	APP	USERRECORD-01	

Total scenarios = 2

Result key: 4

Scenario 1 Affected station 5

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 1

35A OH CINCINNATI	BLCDT	20050502ABC	LIC
36A IN FORT WAYNE	BMPCDT	20070125ACY	CP
36A IN HAMMOND	BLCDT	20020801ABI	LIC
35A WI MILWAUKEE	DTVPLN	DTVP1304	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	31006	435.2
lost to ATV IX only	31006	435.2
lost to all IX	31006	435.2

Potential Interfering Stations Included in above Scenario 1

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

Percent new IX = 0.2030%

Result key: 5
Scenario 2 Affected station 5
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 2

35A OH CINCINNATI	BLCDT	20050502ABC	LIC
36A IN FORT WAYNE	BMPCDT	20070125ACY	CP
36A IN HAMMOND	BPCDT	20080619AIZ	CP
35A WI MILWAUKEE	DTVPLN	DTVP1304	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 2

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%

Worst case new IX 0.2030% Scenario 1

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Analysis of Interference to Affected Station 6

Analysis of current record

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

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
34	WHTV	JACKSON MI	191.3	LIC	BLCDDT	-20071116ABR
34	WHTV	JACKSON MI	191.3	APP	BPCDDT	-20080620AGY
34	WISN-TV	MILWAUKEE WI	219.4	CP	BPCDDT	-20100514AEB
34	WISN-TV	MILWAUKEE WI	219.4	LIC	BLCDDT	-20050412ADP
35	WLWT	CINCINNATI OH	310.6	LIC	BLCDDT	-20050502ABC
35	WMVT	MILWAUKEE WI	216.8	PLN	DTVPLN	-DTVP1304
36	WFFT-TV	FORT WAYNE IN	100.1	CP MOD	BMPCDDT	-20070125ACY
36	WJYS	HAMMOND IN	123.6	LIC	BLCDDT	-20020801ABI
36	WJYS	HAMMOND IN	123.5	CP	BPCDDT	-20080619AIZ
36	WLNS-TV	LANSING MI	191.3	CP MOD	BMPCDDT	-20080618AEA
35	WMVT	MILWAUKEE WI	216.8	APP	USERRECORD-01	

Total scenarios = 2

Result key: 6
Scenario 1 Affected station 6
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 1

35A OH CINCINNATI	BLCDDT	20050502ABC	LIC
36A IN FORT WAYNE	BMPCDDT	20070125ACY	CP
36A IN HAMMOND	BLCDDT	20020801ABI	LIC
35A WI MILWAUKEE	DTVPLN	DTVP1304	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	17134	378.8
lost to ATV IX only	17134	378.8
lost to all IX	17134	378.8

Potential Interfering Stations Included in above Scenario 1

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 = 0.1656%

Result key: 7

Scenario 2 Affected station 6
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 2

35A OH CINCINNATI	BLCDT	20050502ABC	LIC
36A IN FORT WAYNE	BMPCDT	20070125ACY	CP
36A IN HAMMOND	BPCDT	20080619AIZ	CP
35A WI MILWAUKEE	DTVPLN	DTVP1304	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	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 2

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%

Worst case new IX 0.1656% Scenario 1

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Analysis of Interference to Affected Station 7

Analysis of current record

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

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
35	WLUC-TV	MARQUETTE MI	281.2	LIC	BLCDT -20040202ALY
35	WLUC-TV	MARQUETTE MI	281.2	CP	BPCDT -20041021ADR
35	WMVT	MILWAUKEE WI	400.7	PLN	DTVPLN -DTVP1304
35	WMVT	MILWAUKEE WI	400.7	APP	USERRECORD-01

Proposal causes no interference

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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	Call	City/State	Dist(km)	Status	Application Ref. No.
35	WTOM-TV	CHEBOYGAN MI	281.2	LIC	BLCDDT -20040420AAI
35	WMVT	MILWAUKEE WI	360.2	PLN	DTVPLN -DTVP1304
36	WLEF-TV	PARK FALLS WI	191.7	CP MOD	BMPEDT -20080611ABN
36	WLEF-TV	PARK FALLS WI	191.7	APP	BPEDT -20100407AAE
35	WMVT	MILWAUKEE WI	360.2	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.
35	WLUC-TV	MARQUETTE MI	BPCDDT -20041021ADR

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
35	WTOM-TV	CHEBOYGAN MI	281.2	LIC	BLCDDT -20040420AAI
35	WMVT	MILWAUKEE WI	360.2	PLN	DTVPLN -DTVP1304
36	WLEF-TV	PARK FALLS WI	191.7	CP MOD	BMPEDT -20080611ABN
36	WLEF-TV	PARK FALLS WI	191.7	APP	BPEDT -20100407AAE
35	WMVT	MILWAUKEE WI	360.2	APP	USERRECORD-01

Proposal causes no interference

#####

Analysis of Interference to Affected Station 10

Analysis of current record

Channel	Call	City/State	Application Ref. No.
35	WOHL-CD	LIMA OH	BLDDTA -20090817ACL

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
35	NEW	FORT WAYNE IN	84.1	APP	BNPDDL -20091218AFM
35	WNIT	SOUTH BEND IN	197.2	CP	BPEDT -20081103ACU
35	WNIT	SOUTH BEND IN	197.2	LIC	BLEDT -20040106ABJ
35	W50CA	PONTIAC MI	200.4	APP	BPTTL -20020107AAH
35	WOUC-TV	CAMBRIDGE OH	251.4	LIC	BLEDT -20050427AAB
35	WLWT	CINCINNATI OH	183.5	LIC	BLCDDT -20050502ABC
36	WFFT-TV	FORT WAYNE IN	97.9	CP MOD	BMPCDDT -20070125ACY
36	WTTE	COLUMBUS OH	130.3	CP	BPCDDT -19991029AGZ
35	WMVT	MILWAUKEE WI	406.7	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.
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Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
35	WNIT	SOUTH BEND IN	123.6	CP	BPEDT	-20081103ACU
35	WNIT	SOUTH BEND IN	123.6	LIC	BLEDT	-20040106ABJ
35	WMVT	MILWAUKEE WI	137.1	PLN	DTVPLN	-DTVP1304
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 12

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
36	WJYS	HAMMOND IN	BPCDT	-20080619AIZ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
35	WNIT	SOUTH BEND IN	123.5	CP	BPEDT	-20081103ACU
35	WNIT	SOUTH BEND IN	123.5	LIC	BLEDT	-20040106ABJ
35	WMVT	MILWAUKEE WI	137.1	PLN	DTVPLN	-DTVP1304
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	

Total scenarios = 2

Result key: 8
 Scenario 1 Affected station 12
 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	BPEDT	20081103ACU	CP
36A IA DAVENPORT	BLCDT	20090708AGG	LIC
36A IN FORT WAYNE	BMPCDT	20070125ACY	CP
36A IN TERRE HAUTE	BMPCDT	20070125ADB	CP
35A WI MILWAUKEE	DTVPLN	DTVP1304	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	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%

Result key: 9
 Scenario 2 Affected station 12
 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	BLEDIT	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	DTVPL304	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	BLEDIT	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%

Worst case new IX 0.0000% Scenario 1

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Analysis of current record

Channel	Call	City/State	Application Ref. No.
35	WMVT	MILWAUKEE WI	USERRECORD-01

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
34	WISN-TV	MILWAUKEE WI	2.6	CP	BPCDT -20100514AEB
34	WISN-TV	MILWAUKEE WI	2.6	LIC	BLCDT -20050412ADP
35	KRIN	WATERLOO IA	334.4	LIC	BLEDT -20050218ABQ
35	WNIT	SOUTH BEND IN	216.8	CP	BPEDT -20081103ACU
35	WNIT	SOUTH BEND IN	216.8	LIC	BLEDT -20040106ABJ
35	WTOM-TV	CHEBOYGAN MI	400.7	LIC	BLCDT -20040420AAI
35	WLUC-TV	MARQUETTE MI	360.2	LIC	BLCDT -20040202ALY
35	WLUC-TV	MARQUETTE MI	360.2	CP	BPCDT -20041021ADR
36	WJYS	HAMMOND IN	137.1	LIC	BLCDT -20020801ABI
36	WJYS	HAMMOND IN	137.1	CP	BPCDT -20080619AIZ

Total scenarios = 2

Result key: 10
Scenario 1 Affected station 13
Before Analysis

Results for: 35A WI MILWAUKEE USERRECORD01 APP
HAAT 353.0 m, ATV ERP 688.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2896329	27189.9
not affected by terrain losses	2892362	27044.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	10638	64.4
lost to ATV IX only	10638	64.4
lost to all IX	10638	64.4

Potential Interfering Stations Included in above Scenario 1

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

Result key: 11
Scenario 2 Affected station 13
Before Analysis

Results for: 35A WI MILWAUKEE USERRECORD01 APP
HAAT 353.0 m, ATV ERP 688.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2896329	27189.9
not affected by terrain losses	2892362	27044.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	10424	56.4
lost to ATV IX only	10424	56.4
lost to all IX	10424	56.4

Potential Interfering Stations Included in above Scenario 2

35A IA WATERLOO	BLEDT	20050218ABQ	LIC
35A IN SOUTH BEND	BLEDT	20040106ABJ	LIC
36A IN HAMMOND	BPCDT	20080619AIZ	CP

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