

## OET-69 Interference Analysis (WMLW-CA, Milwaukee, WI, Ch. 24) (Summary Results)

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  
/export/home/cdbb/pt\_tvdb.sff  
TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 04-05-2012

Record Selected for Analysis

WMLW-CA USERRECORD-01 MILWAUKEE WI US  
Channel 24 ERP 15. kW HAAT 317. m RCAMSL 00521 m STRINGENT MASK  
Latitude 043-06-42 Longitude 0087-55-50  
Status APP Zone 1 Border Site number: 01  
Last update Cutoff date Docket  
Comments  
Applicant

Cell Size for Service Analysis 1.0 km/side

Distance Increments for Longley-Rice Analysis 1.00 km

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

Site number	1		
Azimuth	ERP	HAAT	51.0 dBu F(50,90)
(Deg)	(kW)	(m)	(km)
0.0	15.000	315.5	56.3
45.0	15.000	343.9	57.7
90.0	15.000	343.9	57.7
135.0	15.000	337.0	57.4
180.0	15.000	317.4	56.4
225.0	15.000	295.3	55.1
270.0	15.000	290.9	54.9
315.0	15.000	294.9	55.1

Contour Overlap to Proposed Station

Station			
WTLJ	24 MUSKEGON	MI BLCDDT20101007AAX	causes

Contour overlap to Digital LPTV station

WMLW-CA	24 MILWAUKEE	WI USERRECORD01
---------	--------------	-----------------

Station		
WMLW-CA	24 MILWAUKEE	WI BDISTTA20081230ACP

Station inside contour of Digital LPTV station

WMLW-CA	24 MILWAUKEE	WI USERRECORD01
---------	--------------	-----------------

Station			
WHRM-TV	24 WAUSAU	WI BLEDT20051014AAW	causes

Contour overlap to Digital LPTV station

WMLW-CA	24 MILWAUKEE	WI USERRECORD01
---------	--------------	-----------------

Station		
WCGV-TV	25 MILWAUKEE	WI BLCDDT20060609AAK

Station inside contour of Digital LPTV station

WMLW-CA	24 MILWAUKEE	WI USERRECORD01
---------	--------------	-----------------

# OET-69 Interference Analysis (WMLW-CA, Milwaukee, WI, Ch. 24) (Summary Results)

Station  
WCGV-TV 25 MILWAUKEE WI BPCDT20110217ABF

Station inside contour of Digital LPTV station  
WMLW-CA 24 MILWAUKEE WI USERRECORD01

Contour Overlap Evaluation to Proposed Station Complete

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
24	WMLW-CA	MILWAUKEE WI	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
22	W22AJ	ARLINGTON HEIGHTS IL	108.4	LIC	BLTT	-19991020AAO
23	WWME-CA	CHICAGO IL	139.1	LIC	BLTTA	-20040129AOW
23	WWME-CA	CHICAGO IL	139.1	APP	BPTTA	-20081023AAZ
23	W63DG	ROCHELLE IL	168.1	APP	BDISDTL	-20090630AAW
23	WBAY-TV	GREEN BAY WI	144.4	LIC	BMLCDT	-20040723ADS
23	W23BW	MADISON WI	125.8	APP	BPTTA	-20030326AHF
23	W23BW	MADISON WI	125.8	CP	BDFCDTA	-20090812AAQ
23	W23BW	MADISON WI	125.8	LIC	BLTTA	-20031125AAQ
24	KRUB-LP	CEDAR RAPIDS IA	333.1	CP	BDISDTL	-20110204ACF
24	NEW	ARLINGTON HEIGHTS IL	139.1	APP	BDCCDTL	-20120319AHC
24	W22AJ	ARLINGTON HEIGHTS IL	139.1	APP	BDISDTL	-20120321ACG
24	NEW	BLOOMINGTON IL	289.9	APP	BDCCDTL	-20110211AFP
24	W39BH	CHAMPAIGN IL	334.7	APP	BDISDTL	-20111214ABH
24	NEW	CHILLICOTHE IL	286.2	APP	BNPDTL	-20100510AGI
24	W24EB-D	ROCKFORD IL	168.1	CP MOD	BMPDTL	-20110721ABN
24	NEW	STERLING-DIXON IL	151.0	APP	BDCCDTL	-20120301AEE
24	NEW	TOWANDA IL	289.9	APP	BNPDTL	-20100510AGQ
24	WPTA	FORT WAYNE IN	318.0	LIC	BLCDT	-20031031AGU
24	WHVI-LP	VALPARAISO IN	191.7	LIC	BLTTL	-19921102JE
24	WCML	ALPENA MI	375.6	CP	BPEDT	-20100615AHK
24	WCML	ALPENA MI	375.6	LIC	BLEDT	-20090709ANV
24	WTLJ	MUSKEGON MI	165.7	LIC	BLCDT	-20101007AAX
24	W46CR	SAGINAW MI	309.3	CP	BDISDTL	-20080918AGD
24	NEW	DODGE CENTER MN	406.5	APP	BNPDTL	-20090825BFG
24	NEW	ROCHESTER MN	374.3	APP	BNPDTL	-20090825AJP
24	K24JA-D	WINONA MN	310.2	CP	BNPDTL	-20090825BYM
24	WHRM-TV	WAUSAU WI	245.4	LIC	BLEDT	-20051014AAW
25	W25DW-D	ARBURY HILLS IL	138.7	LIC	BLDTL	-20110224ACQ
25	WMKB-LP	ROCHELLE IL	162.0	LIC	BLTTL	-20070813AFM
25	W25CL	ROCKFORD IL	132.2	LIC	BLTT	-20020307ABP
25	WOGC-CD	HOLLAND MI	164.0	LIC	BLDTA	-20120316ADA
25	WCGV-TV	MILWAUKEE WI	2.8	LIC	BLCDT	-20060609AAK
25	WCGV-TV	MILWAUKEE WI	2.8	CP	BPCDT	-20110217ABF

\*\*\*\*\*

Analysis of Interference to Affected Station 1

## OET-69 Interference Analysis (WMLW-CA, Milwaukee, WI, Ch. 24) (Summary Results)

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
22	W22AJ	ARLINGTON HEIGHTS IL	BLTT	-19991020AAO

Stations Potentially Affecting This Station

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.
23	WWME-CA	CHICAGO IL	BLTTA	-20040129AOW

Stations Potentially Affecting This Station

Proposal causes no interference

#####

Analysis of Interference to Affected Station 3

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
23	WWME-CA	CHICAGO IL	BPTTA	-20081023AAZ

Stations Potentially Affecting This Station

Proposal causes no interference

#####

Analysis of Interference to Affected Station 4

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
23	W63DG	ROCHELLE IL	BDISDTL	-20090630AAW

Stations Potentially Affecting This Station

Proposed station is beyond the site to  
nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 5

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
23	WBAY-TV	GREEN BAY WI	BMLCDT	-20040723ADS

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
22	WVCY-TV	MILWAUKEE WI	146.2	LIC	BLCDT	-20060619AAX
23	WQPT-TV	MOLINE IL	395.0	LIC	BLEDT	-20030702AAR
23	KTCI-TV	ST. PAUL MN	410.8	LIC	BLEDT	-20100326AAI
23	KTCI-DR	ST. PAUL MN	410.8	APP	BPRM	-20090424ADI
23	KTCI-TV	ST. PAUL MN	410.8	CP	BPEDT	-20100505AHS
24	WHRM-TV	WAUSAU WI	145.1	LIC	BLEDT	-20051014AAW
24	WMLW-CA	MILWAUKEE WI	144.4	APP	USERRECORD-01	

## OET-69 Interference Analysis (WMLW-CA, Milwaukee, WI, Ch. 24) (Summary Results)

Total scenarios = 1

Result key: 1  
Scenario 1 Affected station 5  
Before Analysis

Results for: 23A WI GREEN BAY BMLCDT 20040723ADS LIC  
HAAT 372.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1161665	35900.8
not affected by terrain losses	1160704	35845.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	5038	255.8
lost to ATV IX only	5038	255.8
lost to all IX	5038	255.8

Potential Interfering Stations Included in above Scenario 1

22A WI MILWAUKEE	BLCDDT	20060619AAX	LIC
24A WI WAUSAU	BLEDT	20051014AAW	LIC

After Analysis

Results for: 23A WI GREEN BAY BMLCDT 20040723ADS LIC  
HAAT 372.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1161665	35900.8
not affected by terrain losses	1160704	35845.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	10357	428.2
lost to ATV IX only	10357	428.2
lost to all IX	10357	428.2

Potential Interfering Stations Included in above Scenario 1

22A WI MILWAUKEE	BLCDDT	20060619AAX	LIC
24A WI WAUSAU	BLEDT	20051014AAW	LIC
24A WI MILWAUKEE	USERRECORD01		APP

Percent new IX = 0.4603%

Worst case new IX 0.4603% Scenario 1

#####

Analysis of Interference to Affected Station 6

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
23	W23BW	MADISON WI	BPTTA	-20030326AHF

Stations Potentially Affecting This Station

Proposal causes no interference

#####

Analysis of Interference to Affected Station 7

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
23	W23BW	MADISON WI	BDFCDTA	-20090812AAQ

Stations Potentially Affecting This Station

Proposal causes no interference

#####

## OET-69 Interference Analysis (WMLW-CA, Milwaukee, WI, Ch. 24) (Summary Results)

### Analysis of Interference to Affected Station 8

#### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
23	W23BW	MADISON WI	BLTTA	-20031125AAQ

#### Stations Potentially Affecting This Station

Proposal causes no interference

#####

### Analysis of Interference to Affected Station 9

#### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
24	KRUB-LP	CEDAR RAPIDS IA	BDISDTL	-20110204ACF

#### Stations Potentially Affecting This Station

Proposal causes no interference

#####

### Analysis of Interference to Affected Station 10

#### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
24	NEW	ARLINGTON HEIGHTS IL	BDCCDTL	-20120319AHC

#### Stations Potentially Affecting This Station

Proposal causes no interference

#####

### Analysis of Interference to Affected Station 11

#### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
24	W22AJ	ARLINGTON HEIGHTS IL	BDISDTL	-20120321ACG

#### Stations Potentially Affecting This Station

Proposal causes no interference

#####

### Analysis of Interference to Affected Station 12

#### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
24	NEW	BLOOMINGTON IL	BDCCDTL	-20110211AFP

#### Stations Potentially Affecting This Station

Proposal causes no interference

#####

### Analysis of Interference to Affected Station 13

## OET-69 Interference Analysis (WMLW-CA, Milwaukee, WI, Ch. 24) (Summary Results)

### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
24	W39BH	CHAMPAIGN IL	BDISDTL	-20111214ABH

Stations Potentially Affecting This Station

Proposal causes no interference

#####

### Analysis of Interference to Affected Station 14

### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
24	NEW	CHILLICOTHE IL	BNPDTL	-20100510AGI

Stations Potentially Affecting This Station

Proposal causes no interference

#####

### Analysis of Interference to Affected Station 15

### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
24	W24EB-D	ROCKFORD IL	BMPDTL	-20110721ABN

Stations Potentially Affecting This Station

Proposal causes no interference

#####

### Analysis of Interference to Affected Station 16

### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
24	NEW	STERLING-DIXON IL	BDCCDTL	-20120301AEE

Stations Potentially Affecting This Station

Proposal causes no interference

#####

### Analysis of Interference to Affected Station 17

### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
24	NEW	TOWANDA IL	BNPDTL	-20100510AGQ

Stations Potentially Affecting This Station

Proposal causes no interference

#####

### Analysis of Interference to Affected Station 18

### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
24	WPTA	FORT WAYNE IN	BLCDT	-20031031AGU

## OET-69 Interference Analysis (WMLW-CA, Milwaukee, WI, Ch. 24) (Summary Results)

Stations Potentially Affecting This Station

Proposal causes no interference

#####

Analysis of Interference to Affected Station 19

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
24	WHVI-LP	VALPARAISO IN	BLTTL	-19921102JE

Stations Potentially Affecting This Station

Proposal causes no interference

#####

Analysis of Interference to Affected Station 20

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
24	WCML	ALPENA MI	BPEDT	-20100615AHK

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
24	WTLJ	MUSKEGON MI	279.4	LIC	BLCDT	-20101007AAX
24	WMLW-CA	MILWAUKEE WI	375.6	APP	USERRECORD-01	

Total scenarios = 1

Result key: 2

Scenario 1 Affected station 20

Before Analysis

Results for: 24A MI ALPENA BPEDT 20100615AHK CP

HAAT 400.0 m, ATV ERP 400.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	237866	25978.5
not affected by terrain losses	229233	25421.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	5020	215.8
lost to ATV IX only	5020	215.8
lost to all IX	5020	215.8

Potential Interfering Stations Included in above Scenario 1

24A MI MUSKEGON BLCDT 20101007AAX LIC

After Analysis

Results for: 24A MI ALPENA BPEDT 20100615AHK CP

HAAT 400.0 m, ATV ERP 400.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	237866	25978.5
not affected by terrain losses	229233	25421.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	5020	215.8
lost to ATV IX only	5020	215.8
lost to all IX	5020	215.8

Potential Interfering Stations Included in above Scenario 1

24A MI MUSKEGON	BLCDT	20101007AAX	LIC
24A WI MILWAUKEE	USERRECORD01		APP

Percent new IX = 0.0000%

## OET-69 Interference Analysis (WMLW-CA, Milwaukee, WI, Ch. 24) (Summary Results)

Worst case new IX 0.0000% Scenario 1

#####

### Analysis of Interference to Affected Station 21

#### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
24	WCML	ALPENA MI	BLEDT	-20090709ANV

#### Stations Potentially Affecting This Station

Proposal causes no interference

#####

### Analysis of Interference to Affected Station 22

#### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
24	WTLJ	MUSKEGON MI	BLCDDT	-20101007AAX

#### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
24	WPTA	FORT WAYNE IN	214.5	LIC	BLCDDT	-20031031AGU
24	WCML	ALPENA MI	279.4	CP	BPEDT	-20100615AHK
24	WCML	ALPENA MI	279.4	LIC	BLEDT	-20090709ANV
24	WSFJ-TV	NEWARK OH	416.5	LIC	BLCDDT	-20060620ABC
24	WHRM-TV	WAUSAU WI	373.6	LIC	BLEDT	-20051014AAW
25	WCGV-TV	MILWAUKEE WI	163.5	LIC	BLCDDT	-20060609AAK
25	WCGV-TV	MILWAUKEE WI	163.4	CP	BPCDDT	-20110217ABF
24	WMLW-CA	MILWAUKEE WI	165.7	APP	USERRECORD-01	

Total scenarios = 2

Result key: 3

Scenario 1 Affected station 22

Before Analysis

Results for: 24A MI MUSKEGON BLCDDT 20101007AAX LIC

HAAT 283.0 m, ATV ERP 310.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1531995	21110.2
not affected by terrain losses	1531323	21084.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	28760	124.7
lost to ATV IX only	28760	124.7
lost to all IX	28760	124.7

Potential Interfering Stations Included in above Scenario 1

24A IN FORT WAYNE	BLCDDT	20031031AGU	LIC
24A MI ALPENA	BPEDT	20100615AHK	CP
24A WI WAUSAU	BLEDT	20051014AAW	LIC

After Analysis

Results for: 24A MI MUSKEGON BLCDDT 20101007AAX LIC

HAAT 283.0 m, ATV ERP 310.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1531995	21110.2
not affected by terrain losses	1531323	21084.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	29416	343.8
lost to ATV IX only	29416	343.8
lost to all IX	29416	343.8

Potential Interfering Stations Included in above Scenario 1



## OET-69 Interference Analysis (WMLW-CA, Milwaukee, WI, Ch. 24) (Summary Results)

24A IN FORT WAYNE	BLCDT	20031031AGU	LIC
24A MI ALPENA	BPEDT	20100615AHK	CP
24A WI WAUSAU	BLEDT	20051014AAW	LIC
24A WI MILWAUKEE	USERRECORD01		APP

Percent new IX = 0.0437%

Worst case new IX 0.0437% Scenario 1

#####

### Analysis of Interference to Affected Station 23

#### Analysis of current record

Channel	Call	City/State	Application Ref. No.
24	W46CR	SAGINAW MI	BDISDTL -20080918AGD

#### Stations Potentially Affecting This Station

Proposal causes no interference

#####

### Analysis of Interference to Affected Station 24

#### Analysis of current record

Channel	Call	City/State	Application Ref. No.
24	NEW	DODGE CENTER MN	BNPDTL -20090825BFG

#### Stations Potentially Affecting This Station

Proposed station is beyond the site to  
nearest cell evaluation distance

#####

### Analysis of Interference to Affected Station 25

#### Analysis of current record

Channel	Call	City/State	Application Ref. No.
24	NEW	ROCHESTER MN	BNPDTL -20090825AJP

#### Stations Potentially Affecting This Station

Proposed station is beyond the site to  
nearest cell evaluation distance

#####

### Analysis of Interference to Affected Station 26

#### Analysis of current record

Channel	Call	City/State	Application Ref. No.
24	K24JA-D	WINONA MN	BNPDTL -20090825BYM

#### Stations Potentially Affecting This Station

Proposal causes no interference

#####

### Analysis of Interference to Affected Station 27

## OET-69 Interference Analysis (WMLW-CA, Milwaukee, WI, Ch. 24) (Summary Results)

### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
24	WHRM-TV	WAUSAU WI	BLEDT	-20051014AAW

### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
23	WBAY-TV	GREEN BAY WI	145.1	LIC	BMLCDT	-20040723ADS
24	WTLJ	MUSKEGON MI	373.6	LIC	BLCDT	-20101007AAX
24	WMLW-CA	MILWAUKEE WI	245.4	APP	USERRECORD-01	

Total scenarios = 1

Result key: 5  
Scenario 1 Affected station 27  
Before Analysis

Results for: 24A WI WAUSAU BLEDT 20051014AAW LIC  
HAAT 387.0 m, ATV ERP 172.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	484135	26804.2
not affected by terrain losses	483753	26699.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	2683	149.1
lost to ATV IX only	2683	149.1
lost to all IX	2683	149.1

Potential Interfering Stations Included in above Scenario 1

23A WI GREEN BAY	BMLCDT	20040723ADS	LIC
24A MI MUSKEGON	BLCDT	20101007AAX	LIC

### After Analysis

Results for: 24A WI WAUSAU BLEDT 20051014AAW LIC  
HAAT 387.0 m, ATV ERP 172.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	484135	26804.2
not affected by terrain losses	483753	26699.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	2900	157.0
lost to ATV IX only	2900	157.0
lost to all IX	2900	157.0

Potential Interfering Stations Included in above Scenario 1

23A WI GREEN BAY	BMLCDT	20040723ADS	LIC
24A MI MUSKEGON	BLCDT	20101007AAX	LIC
24A WI MILWAUKEE	USERRECORD01		APP

Percent new IX = 0.0451%

Worst case new IX 0.0451% Scenario 1

#####

### Analysis of Interference to Affected Station 28

### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
25	W25DW-D	ARBURY HILLS IL	BLDTL	-20110224ACQ

### Stations Potentially Affecting This Station

Proposed station is beyond the site to  
nearest cell evaluation distance

#####

### Analysis of Interference to Affected Station 29

## OET-69 Interference Analysis (WMLW-CA, Milwaukee, WI, Ch. 24) (Summary Results)

### Analysis of current record

Channel	Call	City/State	Application Ref. No.
25	WMKB-LP	ROCHELLE IL	BLTTL -20070813AFM

Stations Potentially Affecting This Station

Proposed station is beyond the site to  
nearest cell evaluation distance

#####

### Analysis of Interference to Affected Station 30

### Analysis of current record

Channel	Call	City/State	Application Ref. No.
25	W25CL	ROCKFORD IL	BLTT -20020307ABP

Stations Potentially Affecting This Station

Proposal causes no interference

#####

### Analysis of Interference to Affected Station 31

### Analysis of current record

Channel	Call	City/State	Application Ref. No.
25	WOGC-CD	HOLLAND MI	BLDTA -20120316ADA

Stations Potentially Affecting This Station

Proposed station is beyond the site to  
nearest cell evaluation distance

#####

### Analysis of Interference to Affected Station 32

### Analysis of current record

Channel	Call	City/State	Application Ref. No.
25	WCGV-TV	MILWAUKEE WI	BLCDT -20060609AAK

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
24	WTLJ	MUSKEGON MI	163.5	LIC	BLCDT -20101007AAX
25	KWKB	IOWA CITY IA	321.3	LIC	BLCDT -20070130AJQ
25	KWKB	IOWA CITY IA	321.3	CP	BPCDT -20080620AFU
25	WEEK-TV	PEORIA IL	306.0	LIC	BLCDT -20090413AER
25	WRTV	INDIANAPOLIS IN	382.5	LIC	BLCDT -20090623ACJ
26	WKOW	MADISON WI	132.4	LIC	BLCDT -20111006AAO
24	WMLW-CA	MILWAUKEE WI	2.8	APP	USERRECORD-01

Total scenarios = 2

Result key:

7

Scenario 2 Affected station 32  
Before Analysis

Results for: 25A WI MILWAUKEE BLCDT 20060609AAK LIC

HAAT 340.0 m, ATV ERP 625.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2914138	26986.8
not affected by terrain losses	2909850	26848.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	42894	796.8

## OET-69 Interference Analysis (WMLW-CA, Milwaukee, WI, Ch. 24) (Summary Results)

lost to ATV IX only	42894	796.8
lost to all IX	42894	796.8

Potential Interfering Stations Included in above Scenario 2

25A IA IOWA CITY	BPCDT	20080620AFU	CP
25A IL PEORIA	BLCDT	20090413AER	LIC
25A IN INDIANAPOLIS	BLCDT	20090623ACJ	LIC
26A WI MADISON	BLCDT	20111006AAO	LIC

After Analysis

Results for: 25A WI MILWAUKEE BLCDT 20060609AAK LIC  
HAAT 340.0 m, ATV ERP 625.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2914138	26986.8
not affected by terrain losses	2909850	26848.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	42987	798.8
lost to ATV IX only	42987	798.8
lost to all IX	42987	798.8

Potential Interfering Stations Included in above Scenario 2

25A IA IOWA CITY	BPCDT	20080620AFU	CP
25A IL PEORIA	BLCDT	20090413AER	LIC
25A IN INDIANAPOLIS	BLCDT	20090623ACJ	LIC
26A WI MADISON	BLCDT	20111006AAO	LIC
24A WI MILWAUKEE	USERRECORD01		APP

Percent new IX = 0.0032%

Worst case new IX 0.0032% Scenario 2

#####

Analysis of Interference to Affected Station 33

Analysis of current record

Channel	Call	City/State	Application Ref. No.
25	WCGV-TV	MILWAUKEE WI	BPCDT -20110217ABF

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
24	WTLJ	MUSKEGON MI	163.4	LIC	BLCDT -20101007AAX
25	KWKB	IOWA CITY IA	321.4	LIC	BLCDT -20070130AJQ
25	KWKB	IOWA CITY IA	321.4	CP	BPCDT -20080620AFU
25	WEEK-TV	PEORIA IL	306.1	LIC	BLCDT -20090413AER
25	WRTV	INDIANAPOLIS IN	382.6	LIC	BLCDT -20090623ACJ
26	WKOW	MADISON WI	132.5	LIC	BLCDT -20111006AAO
24	WMLW-CA	MILWAUKEE WI	2.8	APP	USERRECORD-01

Total scenarios = 2

Result key: 9

Scenario 2 Affected station 33

Before Analysis

Results for: 25A WI MILWAUKEE BPCDT 20110217ABF CP  
HAAT 340.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3089727	29327.9
not affected by terrain losses	3083120	29163.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	56193	1051.7
lost to ATV IX only	56193	1051.7
lost to all IX	56193	1051.7

Potential Interfering Stations Included in above Scenario 2

## OET-69 Interference Analysis (WMLW-CA, Milwaukee, WI, Ch. 24) (Summary Results)

25A IA IOWA CITY	BPCDT	20080620AFU	CP
25A IL PEORIA	BLCDT	20090413AER	LIC
25A IN INDIANAPOLIS	BLCDT	20090623ACJ	LIC
26A WI MADISON	BLCDT	20111006AAO	LIC

### After Analysis

Results for: 25A WI MILWAUKEE                      BPCDT              20110217ABF    CP  
HAAT 340.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3089727	29327.9
not affected by terrain losses	3083120	29163.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	56226	1052.6
lost to ATV IX only	56226	1052.6
lost to all IX	56226	1052.6

Potential Interfering Stations Included in above Scenario              2

25A IA IOWA CITY	BPCDT	20080620AFU	CP
25A IL PEORIA	BLCDT	20090413AER	LIC
25A IN INDIANAPOLIS	BLCDT	20090623ACJ	LIC
26A WI MADISON	BLCDT	20111006AAO	LIC
24A WI MILWAUKEE	USERRECORD01		APP

Percent new IX =              0.0011%

Worst case new IX              0.0011% Scenario              2

#####

#####

FINISHED FINISHED FINISHED FINISHED FINISHED FINISHED