

Post-Transition OET-69 Interference Analysis (WMLW-CA, Milwaukee, WI,
Channel 24) (Worst-Case Senarios)

Census data selected: 2000

Post DTV Transition Database Selected

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 12-30-2008

Record Selected for Analysis

WMLWCA24 USERRECORD-01 MILWAUKEE WI US
Channel 24 ERP 150. kW HAAT 344. m RCAMSL 00521 m
Latitude 043-06-42 Longitude 0087-55-50
Status APP Zone 1 Border Offset +
Dir Antenna Make CDB Model 00000000032060 Beam tilt N Ref Azimuth 0.
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

Not full service station

Facility meets maximum power limit

Azimuth (Deg)	ERP (kW)	HAAT (m)	74.0 dBu F(50,50) (km)
0.0	90.094	315.5	39.3
45.0	16.934	343.9	29.9
90.0	9.907	343.9	26.8
135.0	16.884	337.0	29.7
180.0	90.793	317.4	39.5
225.0	146.125	295.3	41.5
270.0	120.154	290.9	40.0
315.0	145.386	294.9	41.4

Evaluation from Class A Station

Contour overlap to station			
WTLJ 24 MUSKEGON	MI BLCDT	20051115ABP	
Contour overlap to station			
WTLJ 24 MUSKEGON	MI DTVPLN	DTVP0886	
Contour overlap to station			
WTLJ 24 MUSKEGON	MI BPCDT	20080620ADX	
Contour overlap to station			
WHRM-TV 24 WAUSAU	WI BLEDT	20051014AAW	
Contour overlap to station			
WHRM-TV 24 WAUSAU	WI DTVPLN	DTVP0910	
Station inside contour of station			
WCGV-TV 25 MILWAUKEE	WI BMPCDT	20010920AAK	
Station inside contour of station			
WCGV-TV 25 MILWAUKEE	WI DTVPLN	DTVP0939	

Contour Overlap Evaluation from Class A Complete

Post-Transition OET-69 Interference Analysis (WMLW-CA, Milwaukee, WI,
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Contour Overlap Evaluation from LPTV Station to LPTV Stations

No Spacing violations or contour overlap from LPTV station

Contour Overlap Evaluation from LPTV to LPTV Stations Complete

Contour Overlap to Proposed Station

Station			
WTLJ	24 MUSKEGON	MI BLCDT20051115ABP	causes

Contour overlap to Class A station
WMLWCA24 24 MILWAUKEE WI USERRECORD01

Station			
WTLJ	24 MUSKEGON	MI BPCDT20080620ADX	causes

Contour overlap to Class A station
WMLWCA24 24 MILWAUKEE WI USERRECORD01

Station		
WCGV-TV	25 MILWAUKEE	WI BMPCDT20010920AAK

Station inside contour of Class A station
WMLWCA24 24 MILWAUKEE WI USERRECORD01

Contour Overlap Evaluation to Proposed Station Complete

Proposed facility OK to FCC Monitoring Stations

Proposed facility OK toward West Virginia quiet zone

Proposed facility OK toward Table Mountain

Proposed facility is beyond the Canadian coordination distance

Proposed facility is beyond the Mexican coordination distance

Proposed station is OK toward AM broadcast stations

Start of Interference Analysis

Channel	Proposed Station		
24	Call WMLWCA24 City/State MILWAUKEE WI	ARN	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
24	WTLJ	MUSKEGON MI	165.7	LIC	BLCDT	-20051115ABP
24	WTLJ	MUSKEGON MI	165.7	PLN	DTVPLN	-DTVP0886
24	WTLJ	MUSKEGON MI	165.7	APP	BPCDT	-20080620ADX
24	WHRM-TV	WAUSAU WI	245.4	LIC	BLEDT	-20051014AAW
24	WHRM-TV	WAUSAU WI	245.4	PLN	DTVPLN	-DTVP0910
25	WCGV-TV	MILWAUKEE WI	2.8	CP MOD	BMPCDT	-20010920AAK
25	WCGV-TV	MILWAUKEE WI	2.8	PLN	DTVPLN	-DTVP0939

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Analysis of Interference to Affected Station 1

Post-Transition OET-69 Interference Analysis (WMLW-CA, Milwaukee, WI,
Channel 24) (Worst-Case Senarios)

DTV Baseline Analysis

Channel	Call	City/State	Application Ref. No.
24	WTLJ	MUSKEGON MI	DTVPLN -DTVP0886

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
24	WPTA	FORT WAYNE IN	214.5	PLN	DTVPLN -DTVP0880
24	WCML	ALPENA MI	279.4	PLN	DTVPLN -DTVP0885
24	WSFJ-TV	NEWARK OH	416.5	PLN	DTVPLN -DTVP0895
24	WHRM-TV	WAUSAU WI	373.6	PLN	DTVPLN -DTVP0910
25	WCGV-TV	MILWAUKEE WI	163.5	PLN	DTVPLN -DTVP0939

Results for: 24A MI MUSKEGON DTVPLN DTVP0886 PLN
HAAT 281.0 m, ATV ERP 280.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1517550	20776.3
not affected by terrain losses	1517050	20753.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	27307	113.9
lost to ATV IX only	27307	113.9
lost to all IX	27307	113.9

Analysis of current record

Channel	Call	City/State	Application Ref. No.
24	WTLJ	MUSKEGON MI	BLCDT -20051115ABP

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
24	WPTA	FORT WAYNE IN	214.5	LIC	BLCDT -20031031AGU
24	WPTA	FORT WAYNE IN	214.5	PLN	DTVPLN -DTVP0880
24	WCML	ALPENA MI	279.4	CP	BPEDT -20080222ABH
24	WCML	ALPENA MI	279.4	PLN	DTVPLN -DTVP0885
24	WCML	ALPENA MI	279.4	APP	BMPEDT -20080617ABT
24	WSFJ-TV	NEWARK OH	416.5	LIC	BLCDT -20060620ABC
24	WSFJ-TV	NEWARK OH	416.5	PLN	DTVPLN -DTVP0895
24	WHRM-TV	WAUSAU WI	373.6	LIC	BLEDT -20051014AAW
24	WHRM-TV	WAUSAU WI	373.6	PLN	DTVPLN -DTVP0910
25	WCGV-TV	MILWAUKEE WI	163.5	CP MOD	BMPCDT -20010920AAK
25	WCGV-TV	MILWAUKEE WI	163.5	PLN	DTVPLN -DTVP0939
24	WMLWCA24	MILWAUKEE WI	165.7	APP	USERRECORD-01

Total scenarios = 8

Result key: 1
Scenario 1 Affected station 1 WTLJ
Before Analysis

Results for: 24A MI MUSKEGON BLCDT 20051115ABP LIC
HAAT 281.0 m, ATV ERP 280.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1517550	20776.3
not affected by terrain losses	1517050	20753.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	27130	112.0
lost to ATV IX only	27130	112.0
lost to all IX	27130	112.0

Potential Interfering Stations Included in above Scenario 1

24A IN FORT WAYNE	BLCDT	20031031AGU	LIC
24A WI WAUSAU	BLEDT	20051014AAW	LIC

After Analysis

Results for: 24A MI MUSKEGON BLCDT 20051115ABP LIC
HAAT 281.0 m, ATV ERP 280.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1517550	20776.3

Post-Transition OET-69 Interference Analysis (WMLW-CA, Milwaukee, WI,
Channel 24) (Worst-Case Senarios)

not affected by terrain losses	1517050	20753.7
lost to NTSC IX	82	5.9
lost to additional IX by ATV	27070	108.0
lost to ATV IX only	27130	112.0
lost to all IX	27152	113.9

Potential Interfering Stations Included in above Scenario 1

24A IN FORT WAYNE	BLCDT	20031031AGU	LIC
24A WI WAUSAU	BLEDT	20051014AAW	LIC
24N WI MILWAUKEE	USERRECORD01		APP

Percent new IX = 0.0015%

Worst case new IX 0.0015% Scenario 1

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Analysis of Interference to Affected Station 2

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
24	WTLJ	MUSKEGON MI	DTVPLN	-DTVP0886

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
24	WPTA	FORT WAYNE IN	214.5	LIC	BLCDT	-20031031AGU
24	WPTA	FORT WAYNE IN	214.5	PLN	DTVPLN	-DTVP0880
24	WCML	ALPENA MI	279.4	CP	BPEDT	-20080222ABH
24	WCML	ALPENA MI	279.4	PLN	DTVPLN	-DTVP0885
24	WCML	ALPENA MI	279.4	APP	BMPEDT	-20080617ABT
24	WSFJ-TV	NEWARK OH	416.5	LIC	BLCDT	-20060620ABC
24	WSFJ-TV	NEWARK OH	416.5	PLN	DTVPLN	-DTVP0895
24	WHRM-TV	WAUSAU WI	373.6	LIC	BLEDT	-20051014AAW
24	WHRM-TV	WAUSAU WI	373.6	PLN	DTVPLN	-DTVP0910
25	WCGV-TV	MILWAUKEE WI	163.5	CP MOD	BMPCDT	-20010920AAK
25	WCGV-TV	MILWAUKEE WI	163.5	PLN	DTVPLN	-DTVP0939
24	WMLWCA24	MILWAUKEE WI	165.7	APP	USERRECORD-01	

Total scenarios = 8

Result key: 9

Scenario 1 Affected station 2 WTLJ

Before Analysis

Results for: 24A MI MUSKEGON DTVPLN DTVP0886 PLN

HAAT 281.0 m, ATV ERP 280.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1517550	20776.3
not affected by terrain losses	1517050	20753.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	27130	112.0
lost to ATV IX only	27130	112.0
lost to all IX	27130	112.0

Potential Interfering Stations Included in above Scenario 1

24A IN FORT WAYNE	BLCDT	20031031AGU	LIC
24A WI WAUSAU	BLEDT	20051014AAW	LIC

After Analysis

Results for: 24A MI MUSKEGON DTVPLN DTVP0886 PLN

HAAT 281.0 m, ATV ERP 280.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1517550	20776.3
not affected by terrain losses	1517050	20753.7
lost to NTSC IX	82	5.9
lost to additional IX by ATV	27070	108.0

Post-Transition OET-69 Interference Analysis (WMLW-CA, Milwaukee, WI,
Channel 24) (Worst-Case Senarios)

lost to ATV IX only	27130	112.0
lost to all IX	27152	113.9

Potential Interfering Stations Included in above Scenario 1

24A IN FORT WAYNE	BLCDT	20031031AGU	LIC
24A WI WAUSAU	BLEDT	20051014AAW	LIC
24N WI MILWAUKEE	USERRECORD01		APP

Percent new IX = 0.0015%

Worst case new IX 0.0015% Scenario 1

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Analysis of Interference to Affected Station 3

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
24	WTLJ	MUSKEGON MI	BPCDT	-20080620ADX

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
24	WPTA	FORT WAYNE IN	214.5	LIC	BLCDT	-20031031AGU
24	WPTA	FORT WAYNE IN	214.5	PLN	DTVPLN	-DTVP0880
24	WCML	ALPENA MI	279.4	CP	BPEDT	-20080222ABH
24	WCML	ALPENA MI	279.4	PLN	DTVPLN	-DTVP0885
24	WCML	ALPENA MI	279.4	APP	BMPEDT	-20080617ABT
24	WSFJ-TV	NEWARK OH	416.5	LIC	BLCDT	-20060620ABC
24	WSFJ-TV	NEWARK OH	416.5	PLN	DTVPLN	-DTVP0895
24	WHRM-TV	WAUSAU WI	373.6	LIC	BLEDT	-20051014AAW
24	WHRM-TV	WAUSAU WI	373.6	PLN	DTVPLN	-DTVP0910
25	WCGV-TV	MILWAUKEE WI	163.5	CP MOD	BMPEDT	-20010920AAK
25	WCGV-TV	MILWAUKEE WI	163.5	PLN	DTVPLN	-DTVP0939
24	WMLWCA24	MILWAUKEE WI	165.7	APP	USERRECORD-01	

Total scenarios = 20

Result key: 17

Scenario 1 Affected station 3 WTLJ

Before Analysis

Results for: 24A MI MUSKEGON BPCDT 20080620ADX APP

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	BLCDT	20031031AGU	LIC
24A MI ALPENA	BPEDT	20080222ABH	CP
24A WI WAUSAU	BLEDT	20051014AAW	LIC

After Analysis

Results for: 24A MI MUSKEGON BPCDT 20080620ADX APP

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	177	10.8
lost to additional IX by ATV	28689	117.9
lost to ATV IX only	28760	124.7
lost to all IX	28866	128.7

Post-Transition OET-69 Interference Analysis (WMLW-CA, Milwaukee, WI,
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Potential Interfering Stations Included in above Scenario 1

24A IN FORT WAYNE	BLC DT	20031031AGU	LIC
24A MI ALPENA	BPEDT	20080222ABH	CP
24A WI WAUSAU	BLEDT	20051014AAW	LIC
24N WI MILWAUKEE	USERRECORD01		APP

Percent new IX = 0.0071%

Worst case new IX 0.0071% Scenario 1

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Analysis of Interference to Affected Station 4

DTV Baseline Analysis

Channel	Call	City/State	Application Ref. No.
24	WHRM-TV	WAUSAU WI	DTVPLN -DTVP0910

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
23	WBAY-TV	GREEN BAY WI	145.1	PLN	DTVPLN -DTVP0866
24	WTLJ	MUSKEGON MI	373.6	PLN	DTVPLN -DTVP0886

Results for: 24A WI WAUSAU DTVPLN DTVP0910 PLN

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

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
23	WBAY-TV	GREEN BAY WI	145.1	PLN	DTVPLN -DTVP0866
24	WTLJ	MUSKEGON MI	373.6	LIC	BLC DT -20051115ABP
24	WTLJ	MUSKEGON MI	373.6	PLN	DTVPLN -DTVP0886
24	WTLJ	MUSKEGON MI	373.6	APP	BPCDT -20080620ADX
24	WMLWCA24	MILWAUKEE WI	245.4	APP	USERRECORD-01

Total scenarios = 10

Result key: 37

Scenario 1 Affected station 4 WHRM-TV

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
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Post-Transition OET-69 Interference Analysis (WMLW-CA, Milwaukee, WI,
Channel 24) (Worst-Case Senarios)

24A MI MUSKEGON BLCDT 20051115ABP 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	1043	44.7
lost to additional IX by ATV	2431	137.1
lost to ATV IX only	2683	149.1
lost to all IX	3474	181.9

Potential Interfering Stations Included in above Scenario 1

23A WI GREEN BAY	BMLCDT	20040723ADS	LIC
24A MI MUSKEGON	BLCDT	20051115ABP	LIC
24N WI MILWAUKEE	USERRECORD01		APP

Percent new IX = 0.1644%

Worst case new IX 0.1644% Scenario 1

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Analysis of Interference to Affected Station 5

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
24	WHRM-TV	WAUSAU WI	DTVPLN	-DTVP0910

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
23	WBAY-TV	GREEN BAY WI	145.1	PLN	DTVPLN	-DTVP0866
24	WTLJ	MUSKEGON MI	373.6	LIC	BLCDT	-20051115ABP
24	WTLJ	MUSKEGON MI	373.6	PLN	DTVPLN	-DTVP0886
24	WTLJ	MUSKEGON MI	373.6	APP	BPCDT	-20080620ADX
24	WMLWCA24	MILWAUKEE WI	245.4	APP	USERRECORD-01	

Total scenarios = 10

Result key: 47

Scenario 1 Affected station 5 WHRM-TV

Before Analysis

Results for: 24A WI WAUSAU DTVPLN DTVP0910 PLN
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	20051115ABP	LIC

After Analysis

Results for: 24A WI WAUSAU DTVPLN DTVP0910 PLN
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

Post-Transition OET-69 Interference Analysis (WMLW-CA, Milwaukee, WI,
Channel 24) (Worst-Case Senarios)

lost to NTSC IX	1043	44.7
lost to additional IX by ATV	2431	137.1
lost to ATV IX only	2683	149.1
lost to all IX	3474	181.9

Potential Interfering Stations Included in above Scenario 1

23A WI GREEN BAY	BMLCDT	20040723ADS	LIC
24A MI MUSKEGON	BLCDT	20051115ABP	LIC
24N WI MILWAUKEE	USERRECORD01		APP

Percent new IX = 0.1644%

Worst case new IX 0.1644% Scenario 1

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Analysis of Interference to Affected Station 6

DTV Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
25	WCGV-TV	MILWAUKEE WI	DTVPLN	-DTVP0939

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
24	WTLJ	MUSKEGON MI	163.5	PLN	DTVPLN	-DTVP0886
25	KWKB	IOWA CITY IA	321.3	PLN	DTVPLN	-DTVP0920
25	WEEK-TV	PEORIA IL	306.0	PLN	DTVPLN	-DTVP0921
25	WRTV	INDIANAPOLIS IN	382.5	PLN	DTVPLN	-DTVP0922
26	WKOW-TV	MADISON WI	132.4	PLN	DTVPLN	-DTVP0981

Results for: 25A WI MILWAUKEE DTVPLN DTVP0939 PLN

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	29317	629.2
lost to ATV IX only	29317	629.2
lost to all IX	29317	629.2

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
25	WCGV-TV	MILWAUKEE WI	BMPCDT	-20010920AAK

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
24	WTLJ	MUSKEGON MI	163.5	LIC	BLCDT	-20051115ABP
24	WTLJ	MUSKEGON MI	163.5	PLN	DTVPLN	-DTVP0886
24	WTLJ	MUSKEGON MI	163.5	APP	BPCDT	-20080620ADX
25	KWKB	IOWA CITY IA	321.3	LIC	BLCDT	-20070130AJQ
25	KWKB	IOWA CITY IA	321.3	PLN	DTVPLN	-DTVP0920
25	KWKB	IOWA CITY IA	321.3	CP	BPCDT	-20080620AFU
25	WEEK-TV	PEORIA IL	306.0	PLN	DTVPLN	-DTVP0921
25	WEEK-TV	PEORIA IL	306.0	CP	BPCDT	-20080409ABM
25	WRTV	INDIANAPOLIS IN	382.5	LIC	BMLCDT	-20050414ABF
25	WRTV	INDIANAPOLIS IN	382.5	PLN	DTVPLN	-DTVP0922
25	WRTV	INDIANAPOLIS IN	382.5	APP	BPCDT	-20080619AJC
26	WKOW-TV	MADISON WI	132.4	CP	BPCDT	-20080619AEK
26	WKOW-TV	MADISON WI	132.4	PLN	DTVPLN	-DTVP0981
26	WKOW-TV	MADISON WI	132.4	LIC	BLCDT	-19981104KG
24	WMLWCA24	MILWAUKEE WI	2.8	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 7

Post-Transition OET-69 Interference Analysis (WMLW-CA, Milwaukee, WI,
Channel 24) (Worst-Case Senarios)

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
25	WCGV-TV	MILWAUKEE WI	DTVPLN	-DTVP0939

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
24	WTLJ	MUSKEGON MI	163.5	LIC	BLCDT	-20051115ABP
24	WTLJ	MUSKEGON MI	163.5	PLN	DTVPLN	-DTVP0886
24	WTLJ	MUSKEGON MI	163.5	APP	BPCDT	-20080620ADX
25	KWKB	IOWA CITY IA	321.3	LIC	BLCDT	-20070130AJQ
25	KWKB	IOWA CITY IA	321.3	PLN	DTVPLN	-DTVP0920
25	KWKB	IOWA CITY IA	321.3	CP	BPCDT	-20080620AFU
25	WEEK-TV	PEORIA IL	306.0	PLN	DTVPLN	-DTVP0921
25	WEEK-TV	PEORIA IL	306.0	CP	BPCDT	-20080409ABM
25	WRTV	INDIANAPOLIS IN	382.5	LIC	BMLCDT	-20050414ABF
25	WRTV	INDIANAPOLIS IN	382.5	PLN	DTVPLN	-DTVP0922
25	WRTV	INDIANAPOLIS IN	382.5	APP	BPCDT	-20080619AJC
26	WKOW-TV	MADISON WI	132.4	CP	BPCDT	-20080619AEK
26	WKOW-TV	MADISON WI	132.4	PLN	DTVPLN	-DTVP0981
26	WKOW-TV	MADISON WI	132.4	LIC	BLCDT	-19981104KG
24	WMLWCA24	MILWAUKEE WI	2.8	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.
24	WMLWCA24	MILWAUKEE WI	USERRECORD-01	

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
16	WTVO	ROCKFORD IL	136.6	LIC	BLCDT	-20021024AAS
16	WTVO	ROCKFORD IL	136.6	PLN	DTVPLN	-DTVP0562
20	WHA-TV	MADISON WI	130.4	CP	BPEDT	-20080620AEM
20	WHA-TV	MADISON WI	130.4	PLN	DTVPLN	-DTVP0746
20	WHA-TV	MADISON WI	130.4	LIC	BLEDT	-20020503AAF
21	WYCC	CHICAGO IL	137.1	LIC	BLEDT	-20030501ABC
21	WYCC	CHICAGO IL	137.1	PLN	DTVPLN	-DTVP0757
21	WIWB	SURING WI	135.9	APP	BPCDT	-20080619AKJ
21	WIWB	SURING WI	135.9	PLN	DTVPLN	-DTVP0787
21	WIWB	SURING WI	135.9	LIC	BLCDT	-20040521ADD
22	WVCY-TV	MILWAUKEE WI	2.8	LIC	BLCDT	-20060619AAX
22	WVCY-TV	MILWAUKEE WI	2.8	PLN	DTVPLN	-DTVP0828
24	WPTA	FORT WAYNE IN	318.0	LIC	BLCDT	-20031031AGU
24	WPTA	FORT WAYNE IN	318.0	PLN	DTVPLN	-DTVP0880
24	WHVI-LP	VALPARAISO IN	191.7	CP	BDFCDTL	-20060331AFL
24	WCML	ALPENA MI	375.6	CP	BPEDT	-20080222ABH
24	WCML	ALPENA MI	375.6	PLN	DTVPLN	-DTVP0885
24	WCML	ALPENA MI	375.6	APP	BMPEDT	-20080617ABT
24	WTLJ	MUSKEGON MI	165.7	LIC	BLCDT	-20051115ABP
24	WTLJ	MUSKEGON MI	165.7	PLN	DTVPLN	-DTVP0886
24	WTLJ	MUSKEGON MI	165.7	APP	BPCDT	-20080620ADX
24	W46CR	SAGINAW MI	309.3	CP	BDISDTL	-20080918AGD
24	WHRM-TV	WAUSAU WI	245.4	LIC	BLEDT	-20051014AAW
24	WHRM-TV	WAUSAU WI	245.4	PLN	DTVPLN	-DTVP0910
25	WOGC-CA	HOLLAND MI	164.0	APP	BMPDTA	-20080804ADU
25	WOGC-CA	HOLLAND MI	164.0	CP	BDFCDTA	-20060330ALR
25	WCGV-TV	MILWAUKEE WI	2.8	CP MOD	BMPCDT	-20010920AAK
25	WCGV-TV	MILWAUKEE WI	2.8	PLN	DTVPLN	-DTVP0939
26	WKOW-TV	MADISON WI	130.4	CP	BPCDT	-20080619AEK
26	WKOW-TV	MADISON WI	130.4	PLN	DTVPLN	-DTVP0981
26	WKOW-TV	MADISON WI	130.4	LIC	BLCDT	-19981104KG
27	WCIU-TV	CHICAGO IL	139.1	CP	BPCDT	-20080619ACH
27	WCIU-TV	CHICAGO IL	139.1	PLN	DTVPLN	-DTVP0995
27	WACY	APPLETON WI	138.6	APP	BMPCDT	-20080620AHO
27	WACY	APPLETON WI	138.6	PLN	DTVPLN	-DTVP1020

Post-Transition OET-69 Interference Analysis (WMLW-CA, Milwaukee, WI,
Channel 24) (Worst-Case Senarios)

27	WACY	APPLETON WI	138.6	CP MOD	BMPCDT	-20061114ABU
28	WTMJ-TV	MILWAUKEE WI	3.2	LIC	BLCDT	-20001218ACR
28	WTMJ-TV	MILWAUKEE WI	3.2	PLN	DTVPLN	-DTVP1061
31	WFLD	CHICAGO IL	139.1	LIC	BLCDT	-20050606ABF
31	WFLD	CHICAGO IL	139.1	PLN	DTVPLN	-DTVP1140
31	WFLD	CHICAGO IL	139.1	CP	BPCDT	-20080616AAN
32	WBUW	JANESVILLE WI	126.5	LIC	BLCDT	-20040930BHL
32	WBUW	JANESVILLE WI	126.5	PLN	DTVPLN	-DTVP1203
38	WGBO-TV	JOLIET IL	137.1	CP MOD	BMPCDT	-20080618AEI
38	WGBO-TV	JOLIET IL	137.1	PLN	DTVPLN	-DTVP1364
39	WWME-LD	CHICAGO IL	139.1	LIC	BLDTL	-20080318ABV
39	WWME-LD	CHICAGO IL	139.1	CP	BPDTL	-20080821ACS
39	WFRV-TV	GREEN BAY WI	135.9	LIC	BLCDT	-20051004ABD
39	WFRV-TV	GREEN BAY WI	135.9	PLN	DTVPLN	-DTVP1422

Total scenarios = 8

Result key: 57
 Scenario 1 Affected station 8 WMLWCA24
 Before Analysis

Results for: 24N WI MILWAUKEE	USERRECORD01	APP
	POPULATION	AREA (sq km)
within Noise Limited Contour	1477696	4535.7
not affected by terrain losses	1470782	4494.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	23520	53.9
lost to all IX	23520	53.9

Potential Interfering Stations Included in above Scenario 1

22A WI MILWAUKEE	BLCDT	20060619AAX	LIC
25A WI MILWAUKEE	BMPCDT	20010920AAK	CP
28A WI MILWAUKEE	BLCDT	20001218ACR	LIC

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