



**WIWB Suring, WI
Application to Modify Construction Permit
BPCDT-20080619AKJ
To Resolve Mutual Exclusivity with Construction Permit
BMPEDT-20080617ABS
Technical Statement
June 1, 2009**

WIWB channel 21 Suring, WI has been granted a construction permit to maximize its post DTV transition facility (BPCDT-20080619AKJ). That permit is mutually exclusive with the maximization construction permit of WCMW Manistee, MI (BMPEDT-20080617ABS).

In order to resolve the mutual exclusivity, WIWB is proposing to reduce the authorized effective radiated power (ERP) from 874 kW to 800 kW. At the new ERP the predicted new interference to the authorized WCMW facility will be reduced from 2.87% to 0.37% resolving the conflict (The WCMW authorization does not cause impermissible interference to WIWB.). The results of an OET-69 interference study confirming the reduction in interference is attached to this statement.

In that this construction permit was issued as the results of a maximization application, the proposed power reduction will not affect the City Grade coverage since that is



already assured by the current licensed facility (the construction permit maximization was only a power increase with no other facility changes and the reduction in ERP proposed here is still significantly above the currently licensed power).

We believe that this unilateral action by WIWB will resolve the mutually exclusivity without any concession being required by WCMW. Although the power reduction will result in a predicted service reduction of approximately 0.6% from that based on the construction permit it will still provide a significant improvement over that currently licensed facility.

The above was prepared by:

William R. Meintel
Partner, Meintel, Sgrignoli & Wallace

OET-69 Interference Analysis

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

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 05-04-2009 Time: 11:05:59

Record Selected for Analysis

WIWB USERRECORD-01 SURING WI US
Channel 21 ERP 800. kW HAAT 331. m RCAMSL 00582 m
Latitude 044-20-01 Longitude 0087-58-56
Status APP Zone 2 Border
Dir Antenna Make CDB Model 00000000087553 Beam tilt N Ref Azimuth 0.
Last update Cutoff date Docket
Comments
Applicant

Cell Size for Service Analysis 2.0 km/side

Distance Increments for Longley-Rice Analysis 1.00 km

Facility meets maximum height/power limits

Azimuth (Deg)	ERP (kW)	HAAT (m)	41.0 dBu F(50,90) (km)
0.0	677.120	356.0	98.9
45.0	110.113	317.9	80.8
90.0	18.727	317.3	70.1
135.0	29.185	311.3	72.2
180.0	27.975	311.4	72.0
225.0	26.645	316.5	72.1
270.0	124.189	353.8	85.3
315.0	653.773	362.5	99.1

Evaluation toward Class A Stations

No Spacing violations or contour overlap to Class A stations

Class A Evaluation Complete

SPACING VIOLATION FOUND BETWEEN STATION

WIWB 21 SURING WI USERRECORD01

and station

SHORT TO: WIWB 14 SURING WI BLCT 19980622KF
044-44- 0 0088-15-25
Req. separation => 24.1 <= 96.6 Actual separation 49.5 Short 47.1(
25.4) km

SHORT TO: WCMW 21 MANISTEE MI BLET 19841002KG
044-03-57 0086-19-58
Req. separation 244.6 Actual separation 135.2 Short 109.4 km

SHORT TO: WCMW 21 MANISTEE MI DTVPLN DTVP0763
44 -03-57 86 -19-58
Req. separation 223.7 Actual separation 135.2 Short 88.5 km

SHORT TO: WCMW 21 MANISTEE MI BMPEDT 20080617ABS
044-03-57 0086-19-58
Req. separation 223.7 Actual separation 135.2 Short 88.5 km

SHORT TO: WCMW 21 MANISTEE MI BPEDT 20080222ABG
044-03-57 0086-19-58
Req. separation 223.7 Actual separation 135.2 Short 88.5 km

SHORT TO: WHA-TV 21 MADISON WI BLET 20020227ABP
043-03-21 0089-32- 6
Req. separation 217.3 Actual separation 189.3 Short 28.0 km

SHORT TO: WIWB 21 SURING WI DTVPLN DTVP0783
44 -20-01 87 -58-56
Req. separation 223.7 Actual separation 0.0 Short 223.7 km

SHORT TO: 960920YL 22 GREEN BAY WI BPCT 19960920YL
044-23-43 0088-35-29
Req. separation => 12.0 <= 106.0 Actual separation 49.0 Short 57.0(
37.0) km

LANDMOBILE SPACING VIOLATIONS FOUND

NONE

Proposed facility OK to FCC Monitoring Stations

Proposed facility OK toward West Virginia quiet zone

Proposed facility OK toward Table Mountain

Proposed facility is within the Canadian coordination distance
Distance to border = 356.8km

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
21	WIWB	SURING WI	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
20	WHA-TV	MADISON WI	189.1	LIC	BLEDT	-
20020503AAF						
20	WHA-TV	MADISON WI	189.1	PLN	DTVPLN	-
DTVP0742						
20	WHA-TV	MADISON WI	189.1	CP	BPEDT	-
20080620AEM						
21	WYCC	CHICAGO IL	272.2	LIC	BLEDT	-
20030501ABC						
21	WYCC	CHICAGO IL	272.2	PLN	DTVPLN	-
DTVP0753						
21	WCMW	MANISTEE MI	134.8	PLN	DTVPLN	-
DTVP0763						
21	WCMW	MANISTEE MI	134.8	APP	BMPEDT	-
20080617ABS						
21	WCMW	MANISTEE MI	134.8	CP	BPEDT	-
20080222ABG						
22	WVCY-TV	MILWAUKEE WI	137.7	LIC	BLCDT	-
20060619AAX						
22	WVCY-TV	MILWAUKEE WI	137.8	PLN	DTVPLN	-
DTVP0825						
22	W22BW	STURGEON BAY WI	79.8	LIC	BLTTL	-
19970905JD						
24	WMLW-CA	MILWAUKEE WI	135.9	APP	BDISTTA	-
20081230ACP						

%%%

Analysis of Interference to Affected Station 1

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
20	WHA-TV	MADISON WI	BLEDT	-20020503AAF

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
19	WGN-TV	CHICAGO IL	203.3	LIC	BLCDT	-
20040316ACQ						
19	WGN-TV	CHICAGO IL	203.3	PLN	DTVPLN	-
DTVP0670						
19	WGN-TV	CHICAGO IL	203.3	APP	BPCDT	-
20080619AFN						
19	WMTV	MADISON WI	3.9	PLN	DTVPLN	-
DTVP0702						
19	WMTV	MADISON WI	3.9	LIC	BLCDT	-
20040823ABP						
19	WMTV	MADISON WI	3.9	CP	BPCDT	-
20080609ABR						
20	WOTV	BATTLE CREEK MI	335.9	LIC	BLCDT	-
20030721AHS						
20	WOTV	BATTLE CREEK MI	335.9	PLN	DTVPLN	-
DTVP0724						
20	KSMQ-TV	AUSTIN MN	250.4	PLN	DTVPLN	-
DTVP0725						
20	KSMQ-TV	AUSTIN MN	250.4	CP MOD	BMPEDT	-
20081114AAX						
21	WYCC	CHICAGO IL	202.7	LIC	BLEDT	-
20030501ABC						
21	WYCC	CHICAGO IL	202.7	PLN	DTVPLN	-
DTVP0753						
21	WIWB	SURING WI	189.1	PLN	DTVPLN	-
DTVP0783						
21	WIWB	SURING WI	189.1	APP	USERRECORD-01	
Proposal causes no interference						

#####

Analysis of Interference to Affected Station 2

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
20	WHA-TV	MADISON WI	DTVPLN	-DTVP0742

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
19	WGN-TV	CHICAGO IL	203.3	LIC	BLCDT	-
20040316ACQ						
19	WGN-TV	CHICAGO IL	203.3	PLN	DTVPLN	-
DTVP0670						
19	WGN-TV	CHICAGO IL	203.3	APP	BPCDT	-
20080619AFN						
19	WMTV	MADISON WI	3.9	PLN	DTVPLN	-
DTVP0702						
19	WMTV	MADISON WI	3.9	LIC	BLCDT	-
20040823ABP						
19	WMTV	MADISON WI	3.9	CP	BPCDT	-
20080609ABR						
20	WOTV	BATTLE CREEK MI	335.9	LIC	BLCDT	-
20030721AHS						
20	WOTV	BATTLE CREEK MI	335.9	PLN	DTVPLN	-
DTVP0724						
20	KSMQ-TV	AUSTIN MN	250.4	PLN	DTVPLN	-
DTVP0725						
20	KSMQ-TV	AUSTIN MN	250.4	CP MOD	BMPEDT	-
20081114AAX						
21	WYCC	CHICAGO IL	202.7	LIC	BLEDT	-
20030501ABC						
21	WYCC	CHICAGO IL	202.7	PLN	DTVPLN	-
DTVP0753						
21	WIWB	SURING WI	189.1	PLN	DTVPLN	-
DTVP0783						
21	WIWB	SURING WI	189.1	APP	USERRECORD-01	
Proposal causes no interference						

#####

Analysis of Interference to Affected Station 3

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
20	WHA-TV	MADISON WI	BPEDT	-20080620AEM

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
19	WGN-TV	CHICAGO IL	203.3	LIC	BLCDT	-
20040316ACQ						
19	WGN-TV	CHICAGO IL	203.3	PLN	DTVPLN	-
DTVP0670						
19	WGN-TV	CHICAGO IL	203.3	APP	BPCDT	-
20080619AFN						
19	WMTV	MADISON WI	3.9	PLN	DTVPLN	-
DTVP0702						

19	WMTV	MADISON WI	3.9	LIC	BLCDT	-
20040823ABP						
19	WMTV	MADISON WI	3.9	CP	BPCDT	-
20080609ABR						
20	WOTV	BATTLE CREEK MI	335.9	LIC	BLCDT	-
20030721AHS						
20	WOTV	BATTLE CREEK MI	335.9	PLN	DTVPLN	-
DTVP0724						
20	KSMQ-TV	AUSTIN MN	250.4	PLN	DTVPLN	-
DTVP0725						
20	KSMQ-TV	AUSTIN MN	250.4	CP MOD	BMPEDT	-
20081114AAX						
21	WYCC	CHICAGO IL	202.7	LIC	BLEDT	-
20030501ABC						
21	WYCC	CHICAGO IL	202.7	PLN	DTVPLN	-
DTVP0753						
21	WIWB	SURING WI	189.1	PLN	DTVPLN	-
DTVP0783						
21	WIWB	SURING WI	189.1	APP	USERRECORD-01	
Proposal causes no interference						

#####

Analysis of Interference to Affected Station 4

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
21	WYCC	CHICAGO IL	BLEDT	-20030501ABC

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
20	WOTV	BATTLE CREEK MI	192.4	LIC	BLCDT	-
20030721AHS						
20	WOTV	BATTLE CREEK MI	192.4	PLN	DTVPLN	-
DTVP0724						
20	WHA-TV	MADISON WI	202.7	LIC	BLEDT	-
20020503AAF						
20	WHA-TV	MADISON WI	202.7	PLN	DTVPLN	-
DTVP0742						
20	WHA-TV	MADISON WI	202.7	CP	BPEDT	-
20080620AEM						
21	WMEC	MACOMB IL	309.0	LIC	BLEDT	-
20031031ADO						
21	WMEC	MACOMB IL	309.0	PLN	DTVPLN	-
DTVP0754						
21	WPXS	MOUNT VERNON IL	404.7	PLN	DTVPLN	-
DTVP0755						
21	WPXS	MOUNT VERNON IL	392.8	CP	BPCDT	-
20080619AJO						

21	WFYI	INDIANAPOLIS IN	252.3	LIC	BLEDT	-
20030310BAD						
21	WFYI	INDIANAPOLIS IN	252.3	PLN	DTVPLN	-
DTVP0756						
21	WFYI	INDIANAPOLIS IN	252.4	APP	BPEDT	-
20081219AEH						
21	WMYD	DETROIT MI	371.6	LIC	BLCDT	-
20040524AOG						
21	WMYD	DETROIT MI	371.6	PLN	DTVPLN	-
DTVP0762						
21	WCMW	MANISTEE MI	262.7	PLN	DTVPLN	-
DTVP0763						
21	WCMW	MANISTEE MI	262.7	APP	BMPEDT	-
20080617ABS						
21	WCMW	MANISTEE MI	262.7	CP	BPEDT	-
20080222ABG						
21	WIWB	SURING WI	272.2	PLN	DTVPLN	-
DTVP0783						
22	WSBT-TV	SOUTH BEND IN	120.7	PLN	DTVPLN	-
DTVP0798						
22	WSBT-TV	SOUTH BEND IN	120.7	CP MOD	BMPCDT	-
20080620ABV						
22	WVCY-TV	MILWAUKEE WI	135.1	LIC	BLCDT	-
20060619AAX						
22	WVCY-TV	MILWAUKEE WI	135.0	PLN	DTVPLN	-
DTVP0825						
21	WIWB	SURING WI	272.2	APP	USERRECORD-01	
Proposal causes no interference						

#####

Analysis of Interference to Affected Station 5

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
21	WYCC	CHICAGO IL	DTVPLN	-DTVP0753

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
20	WOTV	BATTLE CREEK MI	192.4	LIC	BLCDT	-
20030721AHS						
20	WOTV	BATTLE CREEK MI	192.4	PLN	DTVPLN	-
DTVP0724						
20	WHA-TV	MADISON WI	202.7	LIC	BLEDT	-
20020503AAF						
20	WHA-TV	MADISON WI	202.7	PLN	DTVPLN	-
DTVP0742						
20	WHA-TV	MADISON WI	202.7	CP	BPEDT	-
20080620AEM						

21	WMEC	MACOMB IL	309.0	LIC	BLEDT	-
20031031ADO						
21	WMEC	MACOMB IL	309.0	PLN	DTVPLN	-
DTVP0754						
21	WPXS	MOUNT VERNON IL	404.7	PLN	DTVPLN	-
DTVP0755						
21	WPXS	MOUNT VERNON IL	392.8	CP	BPCDT	-
20080619AJO						
21	WFYI	INDIANAPOLIS IN	252.3	LIC	BLEDT	-
20030310BAD						
21	WFYI	INDIANAPOLIS IN	252.3	PLN	DTVPLN	-
DTVP0756						
21	WFYI	INDIANAPOLIS IN	252.4	APP	BPEDT	-
20081219AEH						
21	WMYD	DETROIT MI	371.6	LIC	BLCDT	-
20040524AOG						
21	WMYD	DETROIT MI	371.6	PLN	DTVPLN	-
DTVP0762						
21	WCMW	MANISTEE MI	262.7	PLN	DTVPLN	-
DTVP0763						
21	WCMW	MANISTEE MI	262.7	APP	BMPEDT	-
20080617ABS						
21	WCMW	MANISTEE MI	262.7	CP	BPEDT	-
20080222ABG						
21	WIWB	SURING WI	272.2	PLN	DTVPLN	-
DTVP0783						
22	WSBT-TV	SOUTH BEND IN	120.7	PLN	DTVPLN	-
DTVP0798						
22	WSBT-TV	SOUTH BEND IN	120.7	CP MOD	BMPCDT	-
20080620ABV						
22	WVCY-TV	MILWAUKEE WI	135.1	LIC	BLCDT	-
20060619AAX						
22	WVCY-TV	MILWAUKEE WI	135.0	PLN	DTVPLN	-
DTVP0825						
21	WIWB	SURING WI	272.2	APP	USERRECORD-01	
Proposal causes no interference						

#####

Analysis of Interference to Affected Station 6

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
21	WCMW	MANISTEE MI	DTVPLN	-DTVP0763

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
20	WOTV	BATTLE CREEK MI	180.3	LIC	BLCDT	-
20030721AHS						

20	WOTV	BATTLE CREEK MI	180.3	PLN	DTVPLN	-
DTVP0724						
21	WYCC	CHICAGO IL	262.7	LIC	BLEDT	-
20030501ABC						
21	WYCC	CHICAGO IL	262.7	PLN	DTVPLN	-
DTVP0753						
21	WMYD	DETROIT MI	312.6	LIC	BLCDDT	-
20040524AOG						
21	WMYD	DETROIT MI	312.6	PLN	DTVPLN	-
DTVP0762						
21	WIWB	SURING WI	134.8	PLN	DTVPLN	-
DTVP0783						
22	WNEM-TV	BAY CITY MI	210.5	CP MOD	BMPCDDT	-
20040721AMM						
22	WNEM-TV	BAY CITY MI	210.5	PLN	DTVPLN	-
DTVP0803						
22	WVCY-TV	MILWAUKEE WI	166.2	LIC	BLCDDT	-
20060619AAX						
22	WVCY-TV	MILWAUKEE WI	166.3	PLN	DTVPLN	-
DTVP0825						
21	WIWB	SURING WI	134.8	APP	USERRECORD-01	

Total scenarios = 4

Result key: 1
 Scenario 1 Affected station 6
 Before Analysis

Results for: 21A MI MANISTEE		DTVPLN	DTVP0763	PLN
HAAT	93.0 m, ATV ERP	50.0 kW		
	POPULATION	AREA (sq km)		
within Noise Limited Contour	86263	9852.5		
not affected by terrain losses	85093	9728.3		
lost to NTSC IX	0	0.0		
lost to additional IX by ATV	3651	585.0		
lost to ATV IX only	3651	585.0		
lost to all IX	3651	585.0		

Potential Interfering Stations Included in above Scenario 1

21A IL CHICAGO	BLEDT	20030501ABC	LIC
21A MI DETROIT	BLCDDT	20040524AOG	LIC
21A WI SURING	DTVPLN	DTVP0783	PLN

After Analysis

Results for: 21A MI MANISTEE		DTVPLN	DTVP0763	PLN
HAAT	93.0 m, ATV ERP	50.0 kW		
	POPULATION	AREA (sq km)		
within Noise Limited Contour	86263	9852.5		
not affected by terrain losses	85093	9728.3		
lost to NTSC IX	0	0.0		
lost to additional IX by ATV	3951	805.4		

lost to ATV IX only	3951	805.4
lost to all IX	3951	805.4

Potential Interfering Stations Included in above Scenario 1

21A IL CHICAGO	BLEDT	20030501ABC	LIC
21A MI DETROIT	BLCDT	20040524AOG	LIC
21A WI SURING	USERRECORD01		APP

Percent new IX = 0.3684%

Result key: 2
 Scenario 2 Affected station 6
 Before Analysis

Results for: 21A MI MANISTEE DTVPLN DTVP0763 PLN
 HAAT 93.0 m, ATV ERP 50.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	86263	9852.5
not affected by terrain losses	85093	9728.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	3651	585.0
lost to ATV IX only	3651	585.0
lost to all IX	3651	585.0

Potential Interfering Stations Included in above Scenario 2

21A IL CHICAGO	BLEDT	20030501ABC	LIC
21A MI DETROIT	DTVPLN	DTVP0762	PLN
21A WI SURING	DTVPLN	DTVP0783	PLN

After Analysis

Results for: 21A MI MANISTEE DTVPLN DTVP0763 PLN
 HAAT 93.0 m, ATV ERP 50.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	86263	9852.5
not affected by terrain losses	85093	9728.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	3951	805.4
lost to ATV IX only	3951	805.4
lost to all IX	3951	805.4

Potential Interfering Stations Included in above Scenario 2

21A IL CHICAGO	BLEDT	20030501ABC	LIC
21A MI DETROIT	DTVPLN	DTVP0762	PLN
21A WI SURING	USERRECORD01		APP

Percent new IX = 0.3684%

Result key: 3
 Scenario 3 Affected station 6
 Before Analysis

Results for: 21A MI MANISTEE DTVPLN DTVP0763 PLN
 HAAT 93.0 m, ATV ERP 50.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	86263	9852.5
not affected by terrain losses	85093	9728.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	3651	585.0
lost to ATV IX only	3651	585.0
lost to all IX	3651	585.0

Potential Interfering Stations Included in above Scenario 3

21A IL CHICAGO	DTVPLN	DTVP0753	PLN
21A MI DETROIT	BLC DT	20040524AOG	LIC
21A WI SURING	DTVPLN	DTVP0783	PLN

After Analysis

Results for: 21A MI MANISTEE DTVPLN DTVP0763 PLN
 HAAT 93.0 m, ATV ERP 50.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	86263	9852.5
not affected by terrain losses	85093	9728.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	3951	805.4
lost to ATV IX only	3951	805.4
lost to all IX	3951	805.4

Potential Interfering Stations Included in above Scenario 3

21A IL CHICAGO	DTVPLN	DTVP0753	PLN
21A MI DETROIT	BLC DT	20040524AOG	LIC
21A WI SURING	USERRECORD01		APP

Percent new IX = 0.3684%

Result key: 4
 Scenario 4 Affected station 6
 Before Analysis

Results for: 21A MI MANISTEE DTVPLN DTVP0763 PLN
 HAAT 93.0 m, ATV ERP 50.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	86263	9852.5
not affected by terrain losses	85093	9728.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	3651	585.0
lost to ATV IX only	3651	585.0
lost to all IX	3651	585.0

Potential Interfering Stations Included in above Scenario 4

21A IL CHICAGO	DTVPLN	DTVP0753	PLN
----------------	--------	----------	-----

21A MI DETROIT	DTVPLN	DTVP0762	PLN
21A WI SURING	DTVPLN	DTVP0783	PLN

After Analysis

Results for: 21A MI MANISTEE DTVPLN DTVP0763 PLN

HAAT 93.0 m, ATV ERP 50.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	86263	9852.5
not affected by terrain losses	85093	9728.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	3951	805.4
lost to ATV IX only	3951	805.4
lost to all IX	3951	805.4

Potential Interfering Stations Included in above Scenario 4

21A IL CHICAGO	DTVPLN	DTVP0753	PLN
21A MI DETROIT	DTVPLN	DTVP0762	PLN
21A WI SURING	USERRECORD01		APP

Percent new IX = 0.3684%

Worst case new IX 0.3684% Scenario 1

#####

Analysis of Interference to Affected Station 7

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
21	WCMW	MANISTEE MI	BMPEDT	-20080617ABS

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
20	WOTV	BATTLE CREEK MI	180.3	LIC	BLCDT	-
20030721AHS						
20	WOTV	BATTLE CREEK MI	180.3	PLN	DTVPLN	-
DTVP0724						
21	WYCC	CHICAGO IL	262.7	LIC	BLEDT	-
20030501ABC						
21	WYCC	CHICAGO IL	262.7	PLN	DTVPLN	-
DTVP0753						
21	WMYD	DETROIT MI	312.6	LIC	BLCDT	-
20040524AOG						
21	WMYD	DETROIT MI	312.6	PLN	DTVPLN	-
DTVP0762						
21	WIWB	SURING WI	134.8	PLN	DTVPLN	-
DTVP0783						

22	WNEM-TV	BAY CITY MI	210.5	CP MOD	BMPCDT	-
20040721AMM						
22	WNEM-TV	BAY CITY MI	210.5	PLN	DTVPLN	-
DTVP0803						
22	WVCY-TV	MILWAUKEE WI	166.2	LIC	BLCDT	-
20060619AAX						
22	WVCY-TV	MILWAUKEE WI	166.3	PLN	DTVPLN	-
DTVP0825						
21	WIWB	SURING WI	134.8	APP	USERRECORD-01	

Total scenarios = 4

Result key: 5
 Scenario 1 Affected station 7
 Before Analysis

Results for: 21A MI MANISTEE BMPEDT 20080617ABS APP
 HAAT 134.0 m, ATV ERP 70.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	105930	11796.1
not affected by terrain losses	102070	11627.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1739	621.1
lost to ATV IX only	1739	621.1
lost to all IX	1739	621.1

Potential Interfering Stations Included in above Scenario 1

21A IL CHICAGO	BLEDT	20030501ABC	LIC
21A MI DETROIT	BLCDT	20040524AOG	LIC
21A WI SURING	DTVPLN	DTVP0783	PLN

After Analysis

Results for: 21A MI MANISTEE BMPEDT 20080617ABS APP
 HAAT 134.0 m, ATV ERP 70.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	105930	11796.1
not affected by terrain losses	102070	11627.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	2112	841.4
lost to ATV IX only	2112	841.4
lost to all IX	2112	841.4

Potential Interfering Stations Included in above Scenario 1

21A IL CHICAGO	BLEDT	20030501ABC	LIC
21A MI DETROIT	BLCDT	20040524AOG	LIC
21A WI SURING	USERRECORD01		APP

Percent new IX = 0.3718%

Result key: 6

Scenario 2 Affected station 7
Before Analysis

Results for: 21A MI MANISTEE BMPEDT 20080617ABS APP
HAAT 134.0 m, ATV ERP 70.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	105930	11796.1
not affected by terrain losses	102070	11627.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1739	621.1
lost to ATV IX only	1739	621.1
lost to all IX	1739	621.1

Potential Interfering Stations Included in above Scenario 2

21A IL CHICAGO	BLEDT	20030501ABC	LIC
21A MI DETROIT	DTVPLN	DTVP0762	PLN
21A WI SURING	DTVPLN	DTVP0783	PLN

After Analysis

Results for: 21A MI MANISTEE BMPEDT 20080617ABS APP
HAAT 134.0 m, ATV ERP 70.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	105930	11796.1
not affected by terrain losses	102070	11627.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	2112	841.4
lost to ATV IX only	2112	841.4
lost to all IX	2112	841.4

Potential Interfering Stations Included in above Scenario 2

21A IL CHICAGO	BLEDT	20030501ABC	LIC
21A MI DETROIT	DTVPLN	DTVP0762	PLN
21A WI SURING	USERRECORD01		APP

Percent new IX = 0.3718%

Result key: 7
Scenario 3 Affected station 7
Before Analysis

Results for: 21A MI MANISTEE BMPEDT 20080617ABS APP
HAAT 134.0 m, ATV ERP 70.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	105930	11796.1
not affected by terrain losses	102070	11627.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1739	621.1
lost to ATV IX only	1739	621.1
lost to all IX	1739	621.1

Potential Interfering Stations Included in above Scenario 3

21A IL CHICAGO	DTVPLN	DTVP0753	PLN
21A MI DETROIT	BLCDT	20040524AOG	LIC
21A WI SURING	DTVPLN	DTVP0783	PLN

After Analysis

Results for: 21A MI MANISTEE BMPEDT 20080617ABS APP
 HAAT 134.0 m, ATV ERP 70.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	105930	11796.1
not affected by terrain losses	102070	11627.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	2112	841.4
lost to ATV IX only	2112	841.4
lost to all IX	2112	841.4

Potential Interfering Stations Included in above Scenario 3

21A IL CHICAGO	DTVPLN	DTVP0753	PLN
21A MI DETROIT	BLCDT	20040524AOG	LIC
21A WI SURING	USERRECORD01		APP

Percent new IX = 0.3718%

Result key: 8
 Scenario 4 Affected station 7
 Before Analysis

Results for: 21A MI MANISTEE BMPEDT 20080617ABS APP
 HAAT 134.0 m, ATV ERP 70.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	105930	11796.1
not affected by terrain losses	102070	11627.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1739	621.1
lost to ATV IX only	1739	621.1
lost to all IX	1739	621.1

Potential Interfering Stations Included in above Scenario 4

21A IL CHICAGO	DTVPLN	DTVP0753	PLN
21A MI DETROIT	DTVPLN	DTVP0762	PLN
21A WI SURING	DTVPLN	DTVP0783	PLN

After Analysis

Results for: 21A MI MANISTEE BMPEDT 20080617ABS APP
 HAAT 134.0 m, ATV ERP 70.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	105930	11796.1
not affected by terrain losses	102070	11627.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	2112	841.4

lost to ATV IX only	2112	841.4
lost to all IX	2112	841.4

Potential Interfering Stations Included in above Scenario 4

21A IL CHICAGO	DTVPLN	DTVP0753	PLN
21A MI DETROIT	DTVPLN	DTVP0762	PLN
21A WI SURING	USERRECORD01		APP

Percent new IX = 0.3718%

Worst case new IX 0.3718% Scenario 1

#####

Analysis of Interference to Affected Station 8

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
21	WCMW	MANISTEE MI	BPEDT	-20080222ABG

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
20	WOTV	BATTLE CREEK MI	180.3	LIC	BLCDT	-
20030721AHS						
20	WOTV	BATTLE CREEK MI	180.3	PLN	DTVPLN	-
DTVP0724						
21	WYCC	CHICAGO IL	262.7	LIC	BLEDT	-
20030501ABC						
21	WYCC	CHICAGO IL	262.7	PLN	DTVPLN	-
DTVP0753						
21	WMYD	DETROIT MI	312.6	LIC	BLCDT	-
20040524AOG						
21	WMYD	DETROIT MI	312.6	PLN	DTVPLN	-
DTVP0762						
21	WIWB	SURING WI	134.8	PLN	DTVPLN	-
DTVP0783						
22	WNEM-TV	BAY CITY MI	210.5	CP MOD	BMPCDT	-
20040721AMM						
22	WNEM-TV	BAY CITY MI	210.5	PLN	DTVPLN	-
DTVP0803						
22	WVCY-TV	MILWAUKEE WI	166.2	LIC	BLCDT	-
20060619AAX						
22	WVCY-TV	MILWAUKEE WI	166.3	PLN	DTVPLN	-
DTVP0825						
21	WIWB	SURING WI	134.8	APP	USERRECORD-01	

Total scenarios = 4

Result key: 9
 Scenario 1 Affected station 8
 Before Analysis

Results for: 21A MI MANISTEE BPEDT 20080222ABG CP
 HAAT 93.0 m, ATV ERP 50.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	90822	10417.6
not affected by terrain losses	88184	10257.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	2972	585.0
lost to ATV IX only	2972	585.0
lost to all IX	2972	585.0

Potential Interfering Stations Included in above Scenario 1

21A IL CHICAGO	BLEDT	20030501ABC	LIC
21A MI DETROIT	BLCDT	20040524AOG	LIC
21A WI SURING	DTVPLN	DTVP0783	PLN

After Analysis

Results for: 21A MI MANISTEE BPEDT 20080222ABG CP
 HAAT 93.0 m, ATV ERP 50.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	90822	10417.6
not affected by terrain losses	88184	10257.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	3129	797.3
lost to ATV IX only	3129	797.3
lost to all IX	3129	797.3

Potential Interfering Stations Included in above Scenario 1

21A IL CHICAGO	BLEDT	20030501ABC	LIC
21A MI DETROIT	BLCDT	20040524AOG	LIC
21A WI SURING	USERRECORD01		APP

Percent new IX = 0.1842%

Result key: 10
 Scenario 2 Affected station 8
 Before Analysis

Results for: 21A MI MANISTEE BPEDT 20080222ABG CP
 HAAT 93.0 m, ATV ERP 50.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	90822	10417.6
not affected by terrain losses	88184	10257.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	2972	585.0
lost to ATV IX only	2972	585.0
lost to all IX	2972	585.0

Potential Interfering Stations Included in above Scenario 2

21A IL CHICAGO	BLEDT	20030501ABC	LIC
21A MI DETROIT	DTVPLN	DTVP0762	PLN
21A WI SURING	DTVPLN	DTVP0783	PLN

After Analysis

Results for: 21A MI MANISTEE BPEDT 20080222ABG CP
HAAT 93.0 m, ATV ERP 50.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	90822	10417.6
not affected by terrain losses	88184	10257.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	3129	797.3
lost to ATV IX only	3129	797.3
lost to all IX	3129	797.3

Potential Interfering Stations Included in above Scenario 2

21A IL CHICAGO	BLEDT	20030501ABC	LIC
21A MI DETROIT	DTVPLN	DTVP0762	PLN
21A WI SURING	USERRECORD01		APP

Percent new IX = 0.1842%

Result key: 11
Scenario 3 Affected station 8
Before Analysis

Results for: 21A MI MANISTEE BPEDT 20080222ABG CP
HAAT 93.0 m, ATV ERP 50.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	90822	10417.6
not affected by terrain losses	88184	10257.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	2972	585.0
lost to ATV IX only	2972	585.0
lost to all IX	2972	585.0

Potential Interfering Stations Included in above Scenario 3

21A IL CHICAGO	DTVPLN	DTVP0753	PLN
21A MI DETROIT	BLCDT	20040524AOG	LIC
21A WI SURING	DTVPLN	DTVP0783	PLN

After Analysis

Results for: 21A MI MANISTEE BPEDT 20080222ABG CP
HAAT 93.0 m, ATV ERP 50.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	90822	10417.6
not affected by terrain losses	88184	10257.3
lost to NTSC IX	0	0.0

lost to additional IX by ATV	3129	797.3
lost to ATV IX only	3129	797.3
lost to all IX	3129	797.3

Potential Interfering Stations Included in above Scenario 3

21A IL CHICAGO	DTVPLN	DTVP0753	PLN
21A MI DETROIT	BLCDT	20040524AOG	LIC
21A WI SURING	USERRECORD01		APP

Percent new IX = 0.1842%

Result key: 12
 Scenario 4 Affected station 8
 Before Analysis

Results for: 21A MI MANISTEE BPEDT 20080222ABG CP
 HAAT 93.0 m, ATV ERP 50.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	90822	10417.6
not affected by terrain losses	88184	10257.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	2972	585.0
lost to ATV IX only	2972	585.0
lost to all IX	2972	585.0

Potential Interfering Stations Included in above Scenario 4

21A IL CHICAGO	DTVPLN	DTVP0753	PLN
21A MI DETROIT	DTVPLN	DTVP0762	PLN
21A WI SURING	DTVPLN	DTVP0783	PLN

After Analysis

Results for: 21A MI MANISTEE BPEDT 20080222ABG CP
 HAAT 93.0 m, ATV ERP 50.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	90822	10417.6
not affected by terrain losses	88184	10257.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	3129	797.3
lost to ATV IX only	3129	797.3
lost to all IX	3129	797.3

Potential Interfering Stations Included in above Scenario 4

21A IL CHICAGO	DTVPLN	DTVP0753	PLN
21A MI DETROIT	DTVPLN	DTVP0762	PLN
21A WI SURING	USERRECORD01		APP

Percent new IX = 0.1842%

Worst case new IX 0.1842% Scenario 1

#####

Analysis of Interference to Affected Station 9

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
22	WVCY-TV	MILWAUKEE WI	BLCDDT	-20060619AAX

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
21	WYCC	CHICAGO IL	135.1	LIC	BLEDIT	-
20030501ABC						
21	WYCC	CHICAGO IL	135.1	PLN	DTVPLN	-
DTVP0753						
21	WCMW	MANISTEE MI	166.2	PLN	DTVPLN	-
DTVP0763						
21	WCMW	MANISTEE MI	166.2	APP	BMPEDT	-
20080617ABS						
21	WCMW	MANISTEE MI	166.2	CP	BPEDT	-
20080222ABG						
21	WIWB	SURING WI	137.7	PLN	DTVPLN	-
DTVP0783						
22	KWWF	WATERLOO IA	343.5	PLN	DTVPLN	-
DTVP0795						
22	KWWF	WATERLOO IA	349.7	CP	BPCDDT	-
20080807AAL						
22	WBUI	DECATUR IL	358.3	PLN	DTVPLN	-
DTVP0797						
22	WBUI	DECATUR IL	358.3	LIC	BLCDDT	-
20040521ADS						
22	WBUI	DECATUR IL	358.3	APP	BPCDDT	-
20080620AFV						
22	WSBT-TV	SOUTH BEND IN	215.0	PLN	DTVPLN	-
DTVP0798						
22	WSBT-TV	SOUTH BEND IN	215.0	CP MOD	BMPCDDT	-
20080620ABV						
22	WNEM-TV	BAY CITY MI	331.2	CP MOD	BMPCDDT	-
20040721AMM						
22	WNEM-TV	BAY CITY MI	331.2	PLN	DTVPLN	-
DTVP0803						
23	WBAY-TV	GREEN BAY WI	146.2	LIC	BMLCDDT	-
20040723ADS						
23	WBAY-TV	GREEN BAY WI	146.2	PLN	DTVPLN	-
DTVP0862						
21	WIWB	SURING WI	137.7	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.
22	WVCY-TV	MILWAUKEE WI	DTVPLN	-DTVP0825

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
21	WYCC	CHICAGO IL	135.0	LIC	BLEDT	-
20030501ABC						
21	WYCC	CHICAGO IL	135.0	PLN	DTVPLN	-
DTVP0753						
21	WCMW	MANISTEE MI	166.3	PLN	DTVPLN	-
DTVP0763						
21	WCMW	MANISTEE MI	166.3	APP	BMPEDT	-
20080617ABS						
21	WCMW	MANISTEE MI	166.3	CP	BPEDT	-
20080222ABG						
21	WIWB	SURING WI	137.8	PLN	DTVPLN	-
DTVP0783						
22	KWWF	WATERLOO IA	343.4	PLN	DTVPLN	-
DTVP0795						
22	KWWF	WATERLOO IA	349.6	CP	BPCDT	-
20080807AAL						
22	WBUI	DECATUR IL	358.2	PLN	DTVPLN	-
DTVP0797						
22	WBUI	DECATUR IL	358.2	LIC	BLCDT	-
20040521ADS						
22	WBUI	DECATUR IL	358.2	APP	BPCDT	-
20080620AFV						
22	WSBT-TV	SOUTH BEND IN	215.0	PLN	DTVPLN	-
DTVP0798						
22	WSBT-TV	SOUTH BEND IN	215.0	CP MOD	BMPCDT	-
20080620ABV						
22	WNEM-TV	BAY CITY MI	331.2	CP MOD	BMPCDT	-
20040721AMM						
22	WNEM-TV	BAY CITY MI	331.2	PLN	DTVPLN	-
DTVP0803						
23	WBAY-TV	GREEN BAY WI	146.3	LIC	BMLCDT	-
20040723ADS						
23	WBAY-TV	GREEN BAY WI	146.3	PLN	DTVPLN	-
DTVP0862						
21	WIWB	SURING WI	137.8	APP	USERRECORD-01	
Proposal causes no interference						

#####

Analysis of Interference to Affected Station 11

Analysis of current record

Channel	Call	City/State	Application Ref. No.
22	W22BW	STURGEON BAY WI	BLTTTL -19970905JD

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application Ref.
21	WCMW	MANISTEE MI	124.3	LIC	BLET -
19841002KG					
21	WCMW	MANISTEE MI	124.3	PLN	DTVPLN -
DTVP0763					
21	WCMW	MANISTEE MI	124.3	APP	BMPEDT -
20080617ABS					
21	WCMW	MANISTEE MI	124.3	CP	BPEDT -
20080222ABG					
21	WIWB	SURING WI	79.8	PLN	DTVPLN -
DTVP0783					
22	WSBT-TV	SOUTH BEND IN	377.1	PLN	DTVPLN -
DTVP0798					
22	WSBT-TV	SOUTH BEND IN	377.1	CP MOD	BMPCDT -
20080620ABV					
22	WSBT-TV	SOUTH BEND IN	377.1	CP	BPCT -
20050613AFT					
22	WNEM-TV	BAY CITY MI	323.1	CP MOD	BMPCDT -
20040721AMM					
22	WNEM-TV	BAY CITY MI	323.1	PLN	DTVPLN -
DTVP0803					
22	960920YL	GREEN BAY WI	111.9	APP	BPCT -
19960920YL					
22	WVCY-TV	MILWAUKEE WI	205.4	LIC	BLCDDT -
20060619AAX					
22	WVCY-TV	MILWAUKEE WI	205.5	PLN	DTVPLN -
DTVP0825					
23	WBAY-TV	GREEN BAY WI	74.2	LIC	BMLCDDT -
20040723ADS					
23	WBAY-TV	GREEN BAY WI	74.2	PLN	DTVPLN -
DTVP0862					
21	WIWB	SURING WI	79.8	APP	USERRECORD-01
Proposal causes no interference					

#####

Analysis of Interference to Affected Station 12

Analysis of current record

Channel	Call	City/State	Application Ref. No.
24	WMLW-CA	MILWAUKEE WI	BDISTTA -20081230ACP

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
16	WTVO	ROCKFORD IL	136.6	LIC	BLCDT	-
20021024AAS						
16	WTVO	ROCKFORD IL	136.6	PLN	DTVPLN	-
DTVP0560						
17	WTVO	ROCKFORD IL	136.6	LIC	BMLCT	-
20021024AAY						
20	WHA-TV	MADISON WI	130.4	LIC	BLEDT	-
20020503AAF						
20	WHA-TV	MADISON WI	130.4	PLN	DTVPLN	-
DTVP0742						
20	WHA-TV	MADISON WI	130.4	CP	BPEDT	-
20080620AEM						
21	WYCC	CHICAGO IL	137.1	LIC	BLEDT	-
20030501ABC						
21	WYCC	CHICAGO IL	137.1	PLN	DTVPLN	-
DTVP0753						
21	WHA-TV	MADISON WI	130.4	LIC	BLET	-
20020227ABP						
21	WIWB	SURING WI	135.9	PLN	DTVPLN	-
DTVP0783						
22	WVCY-TV	MILWAUKEE WI	2.8	LIC	BLCDT	-
20060619AAX						
22	WVCY-TV	MILWAUKEE WI	2.8	PLN	DTVPLN	-
DTVP0825						
24	WQPT-TV	MOLINE IL	282.7	LIC	BLET	-
19980729KE						
24	WPTA	FORT WAYNE IN	318.0	LIC	BLCDT	-
20031031AGU						
24	WPTA	FORT WAYNE IN	318.0	PLN	DTVPLN	-
DTVP0876						
24	WCML	ALPENA MI	375.6	CP	BPEDT	-
20080222ABH						
24	WCML	ALPENA MI	375.6	PLN	DTVPLN	-
DTVP0881						
24	WCML	ALPENA MI	375.6	APP	BMPEDT	-
20080617ABT						
24	WTLJ	MUSKEGON MI	165.7	PLN	DTVPLN	-
DTVP0882						
24	WTLJ	MUSKEGON MI	165.7	LIC	BLCDT	-
20051115ABP						
24	WTLJ	MUSKEGON MI	165.7	APP	BPCDT	-
20080620ADX						
24	WCGV-TV	MILWAUKEE WI	3.5	LIC	BLCT	-
19920902KF						
24	WHRM-TV	WAUSAU WI	245.4	LIC	BLEDT	-
20051014AAW						
24	WHRM-TV	WAUSAU WI	245.4	PLN	DTVPLN	-
DTVP0906						
25	WCGV-TV	MILWAUKEE WI	2.8	PLN	DTVPLN	-
DTVP0935						
25	WCGV-TV	MILWAUKEE WI	2.8	CP MOD	BMPCDT	-
20010920AAK						

26	WCIU-TV	CHICAGO IL	139.1	LIC	BLCT	-
19990604KI						
26	WCIU-TV	CHICAGO IL	139.1	APP	BSTA	-
20081008AHE						
26	WGBA	GREEN BAY WI	138.6	LIC	BLCT	-
19990602KG						
26	WKOW-TV	MADISON WI	130.4	LIC	BLCDT	-
19981104KG						
26	WKOW-TV	MADISON WI	130.4	PLN	DTVPLN	-
DTVP0977						
26	WKOW-TV	MADISON WI	130.4	CP	BPCDT	-
20080619AEK						
27	WCIU-TV	CHICAGO IL	139.1	PLN	DTVPLN	-
DTVP0991						
27	WCIU-TV	CHICAGO IL	139.1	CP MOD	BMPCDT	-
20090105ACO						
27	WACY	APPLETON WI	138.6	APP	BMPCDT	-
20080620AHO						
27	WACY	APPLETON WI	138.6	PLN	DTVPLN	-
DTVP1016						
27	WACY	APPLETON WI	138.6	CP MOD	BMPCDT	-
20061114ABU						
27	WKOW-TV	MADISON WI	130.4	LIC	BLCT	-
20000306AAW						
28	WTMJ-TV	MILWAUKEE WI	3.2	LIC	BLCDT	-
20001218ACR						
28	WTMJ-TV	MILWAUKEE WI	3.2	PLN	DTVPLN	-
DTVP1057						
28	960722KR	SHEBOYGAN WI	48.1	APP	BPCT	-
19960722KR						
31	WFLD	CHICAGO IL	139.1	CP	BPCDT	-
20080616AAN						
31	WFLD	CHICAGO IL	139.1	PLN	DTVPLN	-
DTVP1136						
31	WFLD	CHICAGO IL	139.1	LIC	BLCDT	-
20050606ABF						
32	WBUW	JANESVILLE WI	126.5	PLN	DTVPLN	-
DTVP1200						
32	WBUW	JANESVILLE WI	126.5	LIC	BLCDT	-
20040930BHL						
38	WCPX	CHICAGO IL	139.1	LIC	BLCT	-
20050715ACC						
38	WGBO-TV	JOLIET IL	137.1	CP MOD	BMPCDT	-
20080618AEI						
38	WGBO-TV	JOLIET IL	137.1	PLN	DTVPLN	-
DTVP1360						
38	WPNE	GREEN BAY WI	144.4	APP	BSTA	-
20080131AAZ						
38	WPNE	GREEN BAY WI	144.4	LIC	BLET	-
20010914ABB						
39	WQRF-TV	ROCKFORD IL	136.0	LIC	BLCT	-
19960402KE						
39	WFRV-TV	GREEN BAY WI	135.9	LIC	BLCDT	-
20051004ABD						

39	WFRV-TV	GREEN BAY WI	135.9	PLN	DTVPLN	-
DTVP1419						
21	WIWB	SURING WI	135.9	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 13

Analysis of current record

Channel	Call	City/State	Application Ref. No.
21	WIWB	SURING WI	USERRECORD-01

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application Ref.
20	WHA-TV	MADISON WI	189.1	LIC	BLEDT -
20020503AAF					
20	WHA-TV	MADISON WI	189.1	PLN	DTVPLN -
DTVP0742					
20	WHA-TV	MADISON WI	189.1	CP	BPEDT -
20080620AEM					
21	WYCC	CHICAGO IL	272.2	LIC	BLEDT -
20030501ABC					
21	WYCC	CHICAGO IL	272.2	PLN	DTVPLN -
DTVP0753					
21	WCMW	MANISTEE MI	134.8	PLN	DTVPLN -
DTVP0763					
21	WCMW	MANISTEE MI	134.8	APP	BMPEDT -
20080617ABS					
21	WCMW	MANISTEE MI	134.8	CP	BPEDT -
20080222ABG					
22	WVCY-TV	MILWAUKEE WI	137.7	LIC	BLCDT -
20060619AAX					
22	WVCY-TV	MILWAUKEE WI	137.8	PLN	DTVPLN -
DTVP0825					

Total scenarios = 3

Result key: 13
Scenario 1 Affected station 13
Before Analysis

Results for: 21A WI SURING USERRECORD01 APP
HAAT 331.0 m, ATV ERP 800.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	975966	22429.3
not affected by terrain losses	975966	22429.3

lost to NTSC IX	0	0.0
lost to additional IX by ATV	121	8.0
lost to ATV IX only	121	8.0
lost to all IX	121	8.0

Potential Interfering Stations Included in above Scenario 1

21A MI MANISTEE	DTVPLN	DTVP0763	PLN
22A WI MILWAUKEE	DTVPLN	DTVP0825	PLN

Result key: 14
 Scenario 2 Affected station 13
 Before Analysis

Results for: 21A WI SURING USERRECORD01 APP

HAAT 331.0 m, ATV ERP 800.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	975966	22429.3
not affected by terrain losses	975966	22429.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	121	8.0
lost to ATV IX only	121	8.0
lost to all IX	121	8.0

Potential Interfering Stations Included in above Scenario 2

21A MI MANISTEE	BPEDT	20080222ABG	CP
22A WI MILWAUKEE	DTVPLN	DTVP0825	PLN

Result key: 15
 Scenario 3 Affected station 13
 Before Analysis

Results for: 21A WI SURING USERRECORD01 APP

HAAT 331.0 m, ATV ERP 800.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	975966	22429.3
not affected by terrain losses	975966	22429.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	121	8.0
lost to ATV IX only	121	8.0
lost to all IX	121	8.0

Potential Interfering Stations Included in above Scenario 3

21A MI MANISTEE	BMPEDT	20080617ABS	APP
22A WI MILWAUKEE	DTVPLN	DTVP0825	PLN

#####

FINISHED FINISHED FINISHED FINISHED FINISHED FINISHED