

Census data selected: 2000

Post DTV Transition Database Selected

# TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 12-21-2009 Time: 15:19:31

Record Selected for Analysis

W45CF USERRECORD-01 EAU CLAIRE WI US  
 Channel 18 ERP 15.0 kW HAAT 54. m RCAMSL 327.3 m SIMPLE MASK  
 Latitude 044-49-06 Longitude 0091-28-56  
 Status APP Zone 2 Border  
 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)	51.0 dBu F(50, 90) (km)
0.0	15.000	55.1	36.0
45.0	15.000	39.8	32.1
90.0	15.000	64.4	37.6
135.0	15.000	50.6	35.0
180.0	15.000	46.5	33.9
225.0	15.000	77.0	39.6
270.0	15.000	58.9	36.7
315.0	15.000	37.3	31.3

Contour Overlap to Proposed Station

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 within the Canadian coordination distance  
 Distance to border = 358.2km

Proposed facility is beyond the Mexican coordination distance

Proposed station is OK toward AM broadcast stations

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 Start of Interference Analysis

# W45CF\_APP(18)\_SIMPLE. OUT

Channel	Proposed Station	City/State	ARN
18	W45CF	EAU CLAIRE WI	USERRECORD01

## Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
17	WLAX	LA CROSSE WI	113.0	CP MOD	BMPCDT	-20080326AGW
18	KYIN	MASON CITY IA	178.4	LIC	BLEDT	-20070924AFU
18	KYIN	MASON CITY IA	178.4	CP	BPEDT	-20080620AFL
18	K4OCO	STORM LAKE IA	369.5	CP	BDI SDTT	-20071019AIH
18	K18DG	ALEXANDRIA MN	333.4	LIC	BLTTL	-19911226IC
18	K18DI	GRANITE FALLS MN	323.1	LIC	BLTTL	-19910227KA
18	K18HP	JACKSON MN	310.5	LIC	BLTTL	-20051005AAM
18	K18GF	LITTLE FALLS MN	259.9	LIC	BLTTL	-20041109AAM
18	K18GF	LITTLE FALLS MN	259.9	CP	BDFCDTL	-20090813AAG
18	K57BK-D	NORTHOMI MN	398.3	APP	BDI SDTT	-20090824AKK
18	K53AO	OLIVIA MN	267.5	CP	BDI SDTT	-20090504ABT
18	K18IH-D	ST. JAMES MN	259.5	CP	BDCCDTT	-20070521ACJ
18	WVTV	MILWAUKEE WI	344.3	CP MOD	BMPCDT	-20080620AJN
18	W18CU-D	SISTER BAY WI	348.1	LIC	BLDTT	-20081117AAA
18	NEW	WAUSAU WI	149.1	APP	BNPDTL	-20090914AAF
19	NEW	ST CHARLES MN	105.6	APP	BNPDTL	-20090825BXQ
19	K19ER	ST. PAUL MN	142.0	LIC	BLTTL	-20030321AAM
19	NEW	EAU CLAIRE WI	7.2	APP	BNPDTL	-20090825AYI

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## Analysis of Interference to Affected Station 1

### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
17	WLAX	LA CROSSE WI	BMPCDT	-20080326AGW

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
17	WYIN	GARY IN	424.4	LIC	BLEDT	-20040206AAA
17	KQDS-TV	DULUTH MN	337.3	CP	BPCDT	-19991028ABI
18	KYIN	MASON CITY IA	113.5	LIC	BLEDT	-20070924AFU
18	KYIN	MASON CITY IA	113.5	CP	BPEDT	-20080620AFL
18	W45CF	EAU CLAIRE WI	113.0	APP	USERRECORD-01	

Total scenarios = 4

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

Results for: 17A WI LA CROSSE BMPCDT 20080326AGW CP  
HAAT 297.3 m, ATV ERP 852.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	483707	26844.8
not affected by terrain losses	454229	25864.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1651	152.7
lost to ATV IX only	1651	152.7
lost to all IX	1651	152.7

## Potential Interfering Stations Included in above Scenario 1

17A MN DULUTH	BPCDT	19991028ABI	CP
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18A IA MASON CITY                      W45CF\_APP(18)\_SIMPLE. OUT  
 BLEDT                      20070924AFU LIC

After Analysis

Results for: 17A WI LA CROSSE                      BMPCDT                      20080326AGW CP  
 HAAT 297.3 m, ATV ERP 852.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	483707	26844.8
not affected by terrain losses	454229	25864.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1702	165.6
lost to ATV IX only	1702	165.6
lost to all IX	1702	165.6

Potential Interfering Stations Included in above Scenario 1

17A MN DULUTH	BPCDT	19991028ABI	CP
18A IA MASON CITY	BLEDT	20070924AFU	LIC
18A WI EAU CLAIRE	USERRECORD01		APP

Percent new IX = 0.0113%

Result key: 2  
 Scenario 2 Affected station 1 WLAX  
 Before Analysis

Results for: 17A WI LA CROSSE                      BMPCDT                      20080326AGW CP  
 HAAT 297.3 m, ATV ERP 852.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	483707	26844.8
not affected by terrain losses	454229	25864.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	2336	188.4
lost to ATV IX only	2336	188.4
lost to all IX	2336	188.4

Potential Interfering Stations Included in above Scenario 2

17A MN DULUTH	BPCDT	19991028ABI	CP
18A IA MASON CITY	BPEDT	20080620AFL	CP

After Analysis

Results for: 17A WI LA CROSSE                      BMPCDT                      20080326AGW CP  
 HAAT 297.3 m, ATV ERP 852.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	483707	26844.8
not affected by terrain losses	454229	25864.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	2387	201.3
lost to ATV IX only	2387	201.3
lost to all IX	2387	201.3

Potential Interfering Stations Included in above Scenario 2

17A MN DULUTH	BPCDT	19991028ABI	CP
18A IA MASON CITY	BPEDT	20080620AFL	CP
18A WI EAU CLAIRE	USERRECORD01		APP

Percent new IX = 0.0113%

Result key: 3  
 Scenario 3 Affected station 1 WLAX  
 Before Analysis

Results for: 17A WI LA CROSSE                      BMPCDT                      20080326AGW CP

W45CF\_APP(18)\_SIMPLE. OUT

HAAT 297.3 m, ATV ERP 852.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	483707	26844.8
not affected by terrain losses	454229	25864.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1651	152.7
lost to ATV IX only	1651	152.7
lost to all IX	1651	152.7

Potential Interfering Stations Included in above Scenario 3

17A MN DULUTH	BPCDT	19991028ABI	CP
18A IA MASON CITY	BLEDT	20070924AFU	LIC

After Analysis

Results for: 17A WI LA CROSSE BMPCDT 20080326AGW CP

HAAT 297.3 m, ATV ERP 852.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	483707	26844.8
not affected by terrain losses	454229	25864.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1702	165.6
lost to ATV IX only	1702	165.6
lost to all IX	1702	165.6

Potential Interfering Stations Included in above Scenario 3

17A MN DULUTH	BPCDT	19991028ABI	CP
18A IA MASON CITY	BLEDT	20070924AFU	LIC
18A WI EAU CLAIRE	USERRECORD01		APP

Percent new IX = 0.0113%

Result key: 4  
 Scenario 4 Affected station 1 WLAX  
 Before Analysis

Results for: 17A WI LA CROSSE BMPCDT 20080326AGW CP

HAAT 297.3 m, ATV ERP 852.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	483707	26844.8
not affected by terrain losses	454229	25864.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	2336	188.4
lost to ATV IX only	2336	188.4
lost to all IX	2336	188.4

Potential Interfering Stations Included in above Scenario 4

17A MN DULUTH	BPCDT	19991028ABI	CP
18A IA MASON CITY	BPEDT	20080620AFL	CP

After Analysis

Results for: 17A WI LA CROSSE BMPCDT 20080326AGW CP

HAAT 297.3 m, ATV ERP 852.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	483707	26844.8
not affected by terrain losses	454229	25864.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	2387	201.3
lost to ATV IX only	2387	201.3
lost to all IX	2387	201.3

Potential Interfering Stations Included in above Scenario 4

# W45CF\_APP(18)\_SIMPLE. OUT

17A MN DULUTH BPCDT 19991028ABI CP  
 18A IA MASON CITY BPEDT 20080620AFL CP  
 18A WI EAU CLAIRE USERRECORD01 APP

Percent new IX = 0.0113%

Worst case new IX 0.0113% Scenario 2

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## Analysis of Interference to Affected Station 2

### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
18	KYIN	MASON CITY IA	BLEDT	-20070924AFU

### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
17	WLAX	LA CROSSE WI	113.5	CP MOD	BMPCDT	-20080326AGW
18	WTVV	MI LWAUKEE WI	390.9	CP MOD	BMPCDT	-20080620AJN
19	KDMI	DES MOINES IA	197.4	CP MOD	BMPCDT	-20090423ABJ
18	W45CF	EAU CLAIRE WI	178.4	APP	USERRECORD-01	

Total scenarios = 2

Result key: 5  
 Scenario 1 Affected station 2 KYIN  
 Before Analysis

Results for: 18A IA MASON CITY BLEDT 20070924AFU LIC  
 HAAT 448.5 m, ATV ERP 250.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	482119	25955.0
not affected by terrain losses	480996	25911.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	352	68.8
lost to ATV IX only	352	68.8
lost to all IX	352	68.8

Potential Interfering Stations Included in above Scenario 1

17A WI LA CROSSE BMPCDT 20080326AGW CP

### After Analysis

Results for: 18A IA MASON CITY BLEDT 20070924AFU LIC  
 HAAT 448.5 m, ATV ERP 250.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	482119	25955.0
not affected by terrain losses	480996	25911.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	546	86.8
lost to ATV IX only	546	86.8
lost to all IX	546	86.8

Potential Interfering Stations Included in above Scenario 1

17A WI LA CROSSE BMPCDT 20080326AGW CP  
 18A WI EAU CLAIRE USERRECORD01 APP

Percent new IX = 0.0404%

# W45CF\_APP(18)\_SIMPLE. OUT

Result key: 6  
 Scenario 2 Affected station 2 KYIN  
 Before Analysis

Results for: 18A IA MASON CITY BLEDT 20070924AFU LIC  
 HAAT 448.5 m, ATV ERP 250.0 kW  

	POPULATION	AREA (sq km)
within Noise Limited Contour	482119	25955.0
not affected by terrain losses	480996	25911.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	352	68.8
lost to ATV IX only	352	68.8
lost to all IX	352	68.8

Potential Interfering Stations Included in above Scenario 2

17A WI LA CROSSE BMPCDT 20080326AGW CP

After Analysis

Results for: 18A IA MASON CITY BLEDT 20070924AFU LIC  
 HAAT 448.5 m, ATV ERP 250.0 kW  

	POPULATION	AREA (sq km)
within Noise Limited Contour	482119	25955.0
not affected by terrain losses	480996	25911.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	546	86.8
lost to ATV IX only	546	86.8
lost to all IX	546	86.8

Potential Interfering Stations Included in above Scenario 2

17A WI LA CROSSE BMPCDT 20080326AGW CP  
 18A WI EAU CLAIRE USERRECORD01 APP

Percent new IX = 0.0404%

Worst case new IX 0.0404% Scenario 1

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Analysis of Interference to Affected Station 3

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
18	KYIN	MASON CITY IA	BPEDT	-20080620AFL

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
17	WLAX	LA CROSSE WI	113.5	CP MOD	BMPCDT	-20080326AGW
18	WVTV	MILWAUKEE WI	390.9	CP MOD	BMPCDT	-20080620AJN
19	KDMI	DES MOINES IA	197.4	CP MOD	BMPCDT	-20090423ABJ
18	W45CF	EAU CLAIRE WI	178.4	APP	USERRECORD-01	

Total scenarios = 2

Result key: 7  
 Scenario 1 Affected station 3 KYIN  
 Before Analysis

Results for: 18A IA MASON CITY BPEDT 20080620AFL CP

W45CF\_APP(18)\_SIMPLE. OUT

HAAT 448.5 m, ATV ERP 533.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	557260	29693.2
not affected by terrain losses	556772	29641.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1182	78.8
lost to ATV IX only	1182	78.8
lost to all IX	1182	78.8

Potential Interfering Stations Included in above Scenario 1

17A WI LA CROSSE BMPCDT 20080326AGW CP

After Analysis

Results for: 18A IA MASON CITY BPEDT 20080620AFL CP

HAAT 448.5 m, ATV ERP 533.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	557260	29693.2
not affected by terrain losses	556772	29641.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	3302	106.7
lost to ATV IX only	3302	106.7
lost to all IX	3302	106.7

Potential Interfering Stations Included in above Scenario 1

17A WI LA CROSSE BMPCDT 20080326AGW CP  
18A WI EAU CLAIRE USERRECORD01 APP

Percent new IX = 0.3816%

Result key: 8  
Scenario 2 Affected station 3 KYIN  
Before Analysis

Results for: 18A IA MASON CITY BPEDT 20080620AFL CP

HAAT 448.5 m, ATV ERP 533.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	557260	29693.2
not affected by terrain losses	556772	29641.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1182	78.8
lost to ATV IX only	1182	78.8
lost to all IX	1182	78.8

Potential Interfering Stations Included in above Scenario 2

17A WI LA CROSSE BMPCDT 20080326AGW CP

After Analysis

Results for: 18A IA MASON CITY BPEDT 20080620AFL CP

HAAT 448.5 m, ATV ERP 533.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	557260	29693.2
not affected by terrain losses	556772	29641.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	3302	106.7
lost to ATV IX only	3302	106.7
lost to all IX	3302	106.7

Potential Interfering Stations Included in above Scenario 2

17A WI LA CROSSE BMPCDT 20080326AGW CP  
18A WI EAU CLAIRE USERRECORD01 APP

## W45CF\_APP(18)\_SIMPLE. OUT

Percent new IX = 0.3816%

Worst case new IX 0.3816% Scenario 1

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## Analysis of Interference to Affected Station 4

## Analysis of current record

Channel	Call	City/State	Application	Ref. No.
18	K40CO	STORM LAKE IA	BDI SDTT	-20071019AIH

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
17	K17IR-D	SPENCER IA	65.3	CP	BDCCDTL	-20070504ABQ
17	K17IS-D	JACKSON MN	103.9	CP	BDCCDTL	-20070517AAF
18	KYIN	MASON CITY IA	206.1	LIC	BLEDT	-20070924AFU
18	KYIN	MASON CITY IA	206.1	CP	BPEDT	-20080620AFL
18	K18GU	OTTUMWA IA	288.5	CP	BDFCDTT	-20090424AAL
18	K18GF	LITTLE FALLS MN	367.1	CP	BDFCDTL	-20090813AAG
18	K53AO	OLIVIA MN	232.6	CP	BDI SDTT	-20090504ABT
18	K18IH-D	ST. JAMES MN	163.1	CP	BDCCDTT	-20070521ACJ
18	KCWP-LD	NORFOLK NE	206.8	CP	BDCCDTL	-20061030ASI
18	NEW	OMAHA NE	176.9	APP	BDCCDTL	-20070419ADW
18	NEW	RAPID CITY SD	195.2	APP	BNPDTL	-20090825AVE
19	K19HZ-D	JACKSON MN	103.9	LIC	BLDTT	-20090910AAS
19	K19HT-D	OMAHA NE	176.9	CP	BDCCDTL	-20070508ABP
19	K61GA	OMAHA NE	173.4	APP	BDI SDTL	-20061205ADL
18	W45CF	EAU CLAIRE WI	369.5	APP	USERRECORD-01	

Proposal causes no interference

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## Analysis of Interference to Affected Station 5

## Analysis of current record

Channel	Call	City/State	Application	Ref. No.
18	K18DG	ALEXANDRIA MN	BLTTL	-19911226LIC

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
17	K17HZ-D	GRANITE FALLS MN	125.8	CP	BDCCDTL	-20061018ADH
17	K17FA	WILLMAR MN	90.9	CP	BDFCDTT	-20090617ACJ
18	KYIN	MASON CITY IA	348.4	LIC	BLEDT	-20070924AFU
18	KYIN	MASON CITY IA	348.4	CP	BPEDT	-20080620AFL
18	K40CO	STORM LAKE IA	364.7	CP	BDI SDTT	-20071019AIH
18	K18GF	LITTLE FALLS MN	80.9	LIC	BLTTL	-20041109AAM
18	K18GF	LITTLE FALLS MN	80.9	CP	BDFCDTL	-20090813AAG
18	K57BK-D	NORTHOME MN	226.8	APP	BDI SDTT	-20090824AKK
18	K53AO	OLIVIA MN	138.0	CP	BDI SDTT	-20090504ABT
18	K18IH-D	ST. JAMES MN	213.6	CP	BDCCDTT	-20070521ACJ
18	K17HG	GRAND FORKS ND	255.7	APP	BDI SDTL	-20090812AAN
18	NEW	RAPID CITY SD	267.8	APP	BNPDTL	-20090825AVE
19	K19GU-D	GRANITE FALLS MN	125.8	CP	BDCCDTL	-20061019ABC
19	K20GD	WILLMAR MN	90.9	CP	BDI SDTT	-20090922ADD
19	KVRR	FARGO ND	101.9	CP	BPCDT	-20080317AII
33	K33JK-D	GRANITE FALLS MN	125.8	CP	BDCCDTL	-20061019ABF
33	K33KC	WADENA MN	58.6	CP	BDFCDTT	-20090727ADF
18	W45CF	EAU CLAIRE WI	333.4	APP	USERRECORD-01	



Proposal causes no interference

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## Analysis of Interference to Affected Station 6

### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
18	K18DI	GRANITE FALLS MN	BLTTL	-19910227KA

### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
15	KSMN	WORTHINGTON MN	104.9	LIC	BLEDT	-20051219AGX
15	KSMN	WORTHINGTON MN	104.9	CP	BPEDT	-20080620ALP
17	K17IR-D	SPENCER IA	178.8	CP	BDCCDTL	-20070504ABQ
17	K17HZ-D	GRANITE FALLS MN	0.0	CP	BDCCDTL	-20061018ADH
17	K17IS-D	JACKSON MN	141.5	CP	BDCCDTL	-20070517AAF
17	K17FA	WILLMAR MN	58.3	CP	BDFCDTT	-20090617ACJ
18	KYIN	MASON CITY IA	272.6	LIC	BLEDT	-20070924AFU
18	KYIN	MASON CITY IA	272.6	CP	BPEDT	-20080620AFL
18	K40CO	STORM LAKE IA	242.1	CP	BDI SDTT	-20071019AIH
18	K18GF	LITTLE FALLS MN	156.6	CP	BDFCDTL	-20090813AAG
18	K57BK-D	NORTHOMER MN	349.0	APP	BDI SDTT	-20090824AKK
18	K53AO	OLIVIA MN	56.0	CP	BDI SDTT	-20090504ABT
18	K18IH-D	ST. JAMES MN	109.8	CP	BDCCDTT	-20070521ACJ
18	K17HG	GRAND FORKS ND	368.3	APP	BDI SDTL	-20090812AAN
18	KCWP-LD	NORFOLK NE	340.0	CP	BDCCDTL	-20061030ASI
18	NEW	OMAHA NE	395.7	APP	BDCCDTL	-20070419ADW
18	NEW	RAPID CITY SD	156.7	APP	BNPDTL	-20090825AVE
19	K19GU-D	GRANITE FALLS MN	0.0	CP	BDCCDTL	-20061019ABC
19	K19HZ-D	JACKSON MN	141.5	LIC	BLDTT	-20090910AAS
19	K20GD	WILLMAR MN	58.3	CP	BDI SDTT	-20090922ADD
33	K33JK-D	GRANITE FALLS MN	0.0	CP	BDCCDTL	-20061019ABF
18	W45CF	EAU CLAIRE WI	323.1	APP	USERRECORD-01	

Proposed station is beyond the site to nearest cell evaluation distance

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## Analysis of Interference to Affected Station 7

### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
18	K18HP	JACKSON MN	BLTTL	-20051005AAM

### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
15	KSMN	WORTHINGTON MN	83.3	LIC	BLEDT	-20051219AGX
15	KSMN	WORTHINGTON MN	83.3	CP	BPEDT	-20080620ALP
17	K17IR-D	SPENCER IA	38.7	CP	BDCCDTL	-20070504ABQ
17	K17HZ-D	GRANITE FALLS MN	141.5	CP	BDCCDTL	-20061018ADH
17	K17IS-D	JACKSON MN	0.0	CP	BDCCDTL	-20070517AAF
17	K17FA	WILLMAR MN	173.8	CP	BDFCDTT	-20090617ACJ
18	KYIN	MASON CITY IA	184.6	LIC	BLEDT	-20070924AFU
18	KYIN	MASON CITY IA	184.6	CP	BPEDT	-20080620AFL
18	K18GU	OTTUMWA IA	364.3	CP	BDFCDTT	-20090424AAL
18	K40CO	STORM LAKE IA	103.9	CP	BDI SDTT	-20071019AIH
18	K18GF	LITTLE FALLS MN	264.3	CP	BDFCDTL	-20090813AAG
18	K53AO	OLIVIA MN	128.8	CP	BDI SDTT	-20090504ABT

## W45CF\_APP(18)\_SIMPLE. OUT

18	K18IH-D	ST. JAMES MN	64.3	CP	BDCCDTT	-20070521ACJ
18	KCWP-LD	NORFOLK NE	260.2	CP	BDCCDTL	-20061030ASI
18	NEW	OMAHA NE	273.1	APP	BDCCDTL	-20070419ADW
18	NEW	RAPID CITY SD	153.4	APP	BNPDTL	-20090825AVE
19	K19GU-D	GRANITE FALLS MN	141.5	CP	BDCCDTL	-20061019ABC
19	K19HZ-D	JACKSON MN	0.0	LIC	BLDTT	-20090910AAS
19	K19HZ-D	JACKSON MN	0.0	APP	BSTA	-20090727AFN
19	K20GD	WILLMAR MN	173.8	CP	BDI SDTT	-20090922ADD
25	KTIN	FORT DODGE IA	99.2	LIC	BLEDT	-20070822ACB
33	KAAL	MASON CITY IA	126.5	LIC	BLCDT	-20091009AAG
33	K33JK-D	GRANITE FALLS MN	141.5	CP	BDCCDTL	-20061019ABF
18	W45CF	EAU CLAIRE WI	310.5	APP	USERRECORD-01	

Proposal causes no interference

#####

## Analysis of Interference to Affected Station 8

## Analysis of current record

Channel	Call	City/State	Application Ref. No.
18	K18GF	LITTLE FALLS MN	BLTTL -20041109AAM

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
17	K17HZ-D	GRANITE FALLS MN	156.6	CP	BDCCDTL -20061018ADH
17	K17FA	WILLMAR MN	99.9	CP	BDFCDTT -20090617ACJ
18	KYIN	MASON CITY IA	305.2	LIC	BLEDT -20070924AFU
18	KYIN	MASON CITY IA	305.2	CP	BPEDT -20080620AFL
18	K40CO	STORM LAKE IA	367.1	CP	BDI SDTT -20071019AIH
18	K18DG	ALEXANDRIA MN	80.9	LIC	BLTTL -19911226IC
18	K57BK-D	NORTHOME MN	208.8	APP	BDI SDTT -20090824AKK
18	K53AO	OLIVIA MN	136.8	CP	BDI SDTT -20090504ABT
18	K18IH-D	ST. JAMES MN	204.7	CP	BDCCDTT -20070521ACJ
18	K17HG	GRAND FORKS ND	300.3	APP	BDI SDTL -20090812AAN
18	NEW	RAPID CITY SD	312.8	APP	BNPDTL -20090825AVE
18	NEW	WAUSAU WI	388.9	APP	BNPDTL -20090914AAF
19	K19GU-D	GRANITE FALLS MN	156.6	CP	BDCCDTL -20061019ABC
19	K20GD	WILLMAR MN	99.9	CP	BDI SDTT -20090922ADD
21	WFTC	MINNEAPOLIS MN	139.9	LIC	BLCDT -20011009ADF
22	WUCW	MINNEAPOLIS MN	138.8	CP	BPCDT -19991027ADG
32	WCCO-TV	MINNEAPOLIS MN	138.8	LIC	BLCDT -20010921ABB
33	K33KC	WADENA MN	71.4	CP	BDFCDTT -20090727ADF
18	W45CF	EAU CLAIRE WI	259.9	APP	USERRECORD-01

Proposal causes no interference

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## Analysis of Interference to Affected Station 9

## Analysis of current record

Channel	Call	City/State	Application Ref. No.
18	K18GF	LITTLE FALLS MN	BDFCDTL -20090813AAG

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
17	K17HZ-D	GRANITE FALLS MN	156.6	CP	BDCCDTL -20061018ADH
17	K17FA	WILLMAR MN	99.9	CP	BDFCDTT -20090617ACJ
18	KYIN	MASON CITY IA	305.2	LIC	BLEDT -20070924AFU
18	KYIN	MASON CITY IA	305.2	CP	BPEDT -20080620AFL
18	K40CO	STORM LAKE IA	367.1	CP	BDI SDTT -20071019AIH

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18	K57BK-D	NORTHOME MN	208.8	APP	BDI SDTT	-20090824AKK
18	K53AO	OLIVIA MN	136.8	CP	BDI SDTT	-20090504ABT
18	K18IH-D	ST. JAMES MN	204.7	CP	BDCCDTT	-20070521ACJ
18	K17HG	GRAND FORKS ND	300.3	APP	BDI SDTL	-20090812AAN
18	NEW	RAPID CITY SD	312.8	APP	BNPDTL	-20090825AVE
18	NEW	WAUSAU WI	388.9	APP	BNPDTL	-20090914AAF
19	K19GU-D	GRANITE FALLS MN	156.6	CP	BDCCDTL	-20061019ABC
19	K2OGD	WILLMAR MN	99.9	CP	BDI SDTT	-20090922ADD
18	W45CF	EAU CLAIRE WI	259.9	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.
18	K57BK-D	NORTHOME MN	BDI SDTT -20090824AKK

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
18	K18GF	LITTLE FALLS MN	208.8	CP	BDFCDTL -20090813AAG
18	K53AO	OLIVIA MN	343.0	CP	BDI SDTT -20090504ABT
18	K18IH-D	ST. JAMES MN	413.3	CP	BDCCDTT -20070521ACJ
18	K17HG	GRAND FORKS ND	202.8	APP	BDI SDTL -20090812AAN
18	W45CF	EAU CLAIRE WI	398.3	APP	USERRECORD-01

Proposed station is beyond the site to nearest cell evaluation distance

#####

## Analysis of Interference to Affected Station 11

## Analysis of current record

Channel	Call	City/State	Application Ref. No.
18	K53AO	OLIVIA MN	BDI SDTT -20090504ABT

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
17	K17IR-D	SPENCER IA	167.3	CP	BDCCDTL -20070504ABQ
17	K17HZ-D	GRANITE FALLS MN	56.0	CP	BDCCDTL -20061018ADH
17	K17IS-D	JACKSON MN	128.8	CP	BDCCDTL -20070517AAF
17	K17FA	WILLMAR MN	47.2	CP	BDFCDTT -20090617ACJ
18	KYIN	MASON CITY IA	224.0	LIC	BLEDT -20070924AFU
18	KYIN	MASON CITY IA	224.0	CP	BPEDT -20080620AFL
18	K4OCO	STORM LAKE IA	232.6	CP	BDI SDTT -20071019AIH
18	K18GF	LITTLE FALLS MN	136.8	CP	BDFCDTL -20090813AAG
18	K57BK-D	NORTHOME MN	343.0	APP	BDI SDTT -20090824AKK
18	K18IH-D	ST. JAMES MN	75.6	CP	BDCCDTT -20070521ACJ
18	K17HG	GRAND FORKS ND	392.7	APP	BDI SDTL -20090812AAN
18	KCWP-LD	NORFOLK NE	363.6	CP	BDCCDTL -20061030ASI
18	NEW	OMAHA NE	399.6	APP	BDCCDTL -20070419ADW
18	NEW	RAPID CITY SD	195.7	APP	BNPDTL -20090825AVE
18	NEW	WAUSAU WI	415.8	APP	BNPDTL -20090914AAF
19	K19GU-D	GRANITE FALLS MN	56.0	CP	BDCCDTL -20061019ABC
19	K19HZ-D	JACKSON MN	128.8	LIC	BLDTT -20090910AAS
19	K2OGD	WILLMAR MN	47.2	CP	BDI SDTT -20090922ADD
18	W45CF	EAU CLAIRE WI	267.5	APP	USERRECORD-01

Proposal causes no interference

# W45CF\_APP(18)\_SIMPLE. OUT

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## Analysis of Interference to Affected Station 12

### Analysis of current record

Channel	Call	City/State	Application Ref. No.
18	K18IH-D	ST. JAMES MN	BDCCDTT -20070521ACJ

### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
17	K17IR-D	SPENCER IA	99.5	CP	BDCCDTL -20070504ABQ
17	K17HZ-D	GRANITE FALLS MN	109.8	CP	BDCCDTL -20061018ADH
17	K17IS-D	JACKSON MN	64.3	CP	BDCCDTL -20070517AAF
17	K17FA	WILLMAR MN	122.8	CP	BDFCDTT -20090617ACJ
18	KYIN	MASON CITY IA	167.2	LIC	BLEDT -20070924AFU
18	KYIN	MASON CITY IA	167.2	CP	BPEDT -20080620AFL
18	K18GU	OTTUMWA IA	394.5	CP	BDFCDTT -20090424AAL
18	K40CO	STORM LAKE IA	163.1	CP	BDI SDTT -20071019AIH
18	K18GF	LITTLE FALLS MN	204.7	CP	BDFCDTL -20090813AAG
18	K57BK-D	NORTHOMEN MN	413.3	APP	BDI SDTT -20090824AKK
18	K53AO	OLIVIA MN	75.6	CP	BDI SDTT -20090504ABT
18	KCWP-LD	NORFOLK NE	321.6	CP	BDCCDTL -20061030ASI
18	NEW	OMAHA NE	336.4	APP	BDCCDTL -20070419ADW
18	NEW	RAPID CITY SD	187.6	APP	BNPDTL -20090825AVE
18	NEW	WAUSAU WI	407.5	APP	BNPDTL -20090914AAF
19	K19GU-D	GRANITE FALLS MN	109.8	CP	BDCCDTL -20061019ABC
19	K19HZ-D	JACKSON MN	64.3	LIC	BLDTT -20090910AAS
19	NEW	ST CHARLES MN	211.6	APP	BNPDTL -20090825BXQ
19	K19CA	ST. JAMES MN	0.0	LIC	BLTTL -19910619IQ
19	K20GD	WILLMAR MN	122.8	CP	BDI SDTT -20090922ADD
18	W45CF	EAU CLAIRE WI	259.5	APP	USERRECORD-01

Proposal causes no interference

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## Analysis of Interference to Affected Station 13

### Analysis of current record

Channel	Call	City/State	Application Ref. No.
18	WTV	MILWAUKEE WI	BMPCDT -20080620AJN

### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
17	WYIN	GARY IN	198.5	LIC	BLEDT -20040206AAA
18	KYIN	MASON CITY IA	390.9	LIC	BLEDT -20070924AFU
18	KYIN	MASON CITY IA	390.9	CP	BPEDT -20080620AFL
18	WAND	DECATUR IL	357.8	LIC	BLCDT -20020509AAX
18	WAND	DECATUR IL	357.8	CP	BPCDT -20090817ABO
18	WISE-TV	FORT WAYNE IN	315.3	CP	BPCDT -20080619AIM
19	WGN-TV	CHICAGO IL	137.0	LIC	BLCDT -20040316ACQ
19	WGN-TV	CHICAGO IL	137.0	APP	BPCDT -20080619AFN
19	WXMI	GRAND RAPIDS MI	198.4	LIC	BLCDT -20030117ABD
19	WXMI	GRAND RAPIDS MI	198.4	APP	BPCDT -20080619AKI
19	WMTV	MADISON WI	128.6	LIC	BLCDT -20040823ABP
19	WMTV	MADISON WI	128.6	CP	BPCDT -20080609ABR
18	W45CF	EAU CLAIRE WI	344.3	APP	USERRECORD-01

Proposal causes no interference

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# W45CF\_APP(18)\_SIMPLE. OUT

## Analysis of Interference to Affected Station 14

### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
18	W18CU-D	SISTER BAY WI	BLDTT	-20081117AAA

### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
17	W17CS	MARQUETTE MI	144.9	CP	BDFCDTT	-20060331AGV
17	W52DB	MUSKEGON MI	226.5	CP	BDI SDTT	-20090313AAB
18	WSPY-LD	PLANO IL	414.8	CP	BDCCDTL	-20061024ABC
18	WHNW-LP	GARY IN	404.6	CP	BDFCDTL	-20060331AGD
18	WVTV	MILWAUKEE WI	246.9	CP MOD	BMPCDT	-20080620AJN
18	NEW	WAUSAU WI	199.1	APP	BNPDTL	-20090914AAF
18	W45CF	EAU CLAIRE WI	348.1	APP	USERRECORD-01	

Proposed station is beyond the site to nearest cell evaluation distance

#####

## Analysis of Interference to Affected Station 15

### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
18	NEW	WAUSAU WI	BNPDTL	-20090914AAF

### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
18	KYIN	MASON CITY IA	298.7	LIC	BLEDT	-20070924AFU
18	KYIN	MASON CITY IA	298.7	CP	BPEDT	-20080620AFL
18	WSPY-LD	PLANO IL	378.0	CP	BDCCDTL	-20061024ABC
18	WHNW-LP	GARY IN	418.0	CP	BDFCDTL	-20060331AGD
18	K18GF	LITTLE FALLS MN	388.9	CP	BDFCDTL	-20090813AAG
18	K53AO	OLIVIA MN	415.8	CP	BDI SDTT	-20090504ABT
18	K18IH-D	ST. JAMES MN	407.5	CP	BDCCDTT	-20070521ACJ
18	WVTV	MILWAUKEE WI	249.8	CP MOD	BMPCDT	-20080620AJN
18	W18CU-D	SISTER BAY WI	199.1	LIC	BLDTT	-20081117AAA
19	NEW	ST CHARLES MN	220.6	APP	BNPDTL	-20090825BXQ
19	NEW	EAU CLAIRE WI	146.4	APP	BNPDTL	-20090825AYI
18	W45CF	EAU CLAIRE WI	149.1	APP	USERRECORD-01	

Proposal causes no interference

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## Analysis of Interference to Affected Station 16

### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
19	NEW	ST CHARLES MN	BNPDTL	-20090825BXQ

### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
18	KYIN	MASON CITY IA	78.5	LIC	BLEDT	-20070924AFU
18	KYIN	MASON CITY IA	78.5	CP	BPEDT	-20080620AFL
18	K18IH-D	ST. JAMES MN	211.6	CP	BDCCDTT	-20070521ACJ

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18	NEW	WAUSAU WI	220.6	APP	BNPDTL	-20090914AAF
19	KDMI	DES MOINES IA	269.6	CP MOD	BMPCDT	-20090423ABJ
19	K19GU-D	GRANITE FALLS MN	303.4	CP	BDCCDTL	-20061019ABC
19	K19HZ-D	JACKSON MN	245.9	LIC	BLDTT	-20090910AAS
19	K20GD	WILLMAR MN	279.9	CP	BDI SDTT	-20090922ADD
19	NEW	EAU CLAIRE WI	101.4	APP	BNPDTL	-20090825AYI
19	WMTV	MADISON WI	222.3	LIC	BLCDDT	-20040823ABP
19	WMTV	MADISON WI	222.3	CP	BPCDDT	-20080609ABR
19	KBJR-TV	SUPERIOR WI	317.8	LIC	BLCDDT	-20071113AJS
20	KSMQ-TV	AUSTIN MN	55.5	CP MOD	BMPCDT	-20081114AAH
20	K17IU	FAIRMONT MN	205.1	APP	BDI SDTL	-20090813ADF
20	K17IU	FAIRMONT MN	205.1	APP	BDI SDTL	-20090813ADF
18	W45CF	EAU CLAIRE WI	105.6	APP	USERRECORD-01	

Proposal causes no interference

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## Analysis of Interference to Affected Station 17

### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
19	K19ER	ST. PAUL MN	BLTTL	-20030321AAM

### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
15	WQOW	EAU CLAIRE WI	143.6	CP MOD	BMPCDT	-20041001AOM
18	K18GF	LITTLE FALLS MN	138.9	CP	BDFCDTL	-20090813AAG
18	K53AO	OLIVIA MN	128.4	CP	BDI SDTT	-20090504ABT
18	K18IH-D	ST. JAMES MN	142.7	CP	BDCCDTT	-20070521ACJ
19	KDMI	DES MOINES IA	350.8	CP MOD	BMPCDT	-20090423ABJ
19	K19GU-D	GRANITE FALLS MN	182.7	CP	BDCCDTL	-20061019ABC
19	K19HZ-D	JACKSON MN	205.0	LIC	BLDTT	-20090910AAS
19	NEW	ST CHARLES MN	155.8	APP	BNPDTL	-20090825BXQ
19	K19BG	ST. CLOUD MN	96.1	LIC	BLTTL	-19870921IE
19	K20GD	WILLMAR MN	140.6	CP	BDI SDTT	-20090922ADD
19	KVRR	FARGO ND	296.7	CP	BPCDDT	-20080317AII
19	NEW	EAU CLAIRE WI	146.7	APP	BNPDTL	-20090825AYI
19	WMTV	MADISON WI	370.6	LIC	BLCDDT	-20040823ABP
19	WMTV	MADISON WI	370.6	CP	BPCDDT	-20080609ABR
19	KBJR-TV	SUPERIOR WI	220.5	LIC	BLCDDT	-20071113AJS
20	K17IU	FAIRMONT MN	178.0	APP	BDI SDTL	-20090813ADF
20	K17IU	FAIRMONT MN	178.0	APP	BDI SDTL	-20090813ADF
20	K57AE	OLIVIA MN	128.4	CP	BDI SDTT	-20090625AAQ
20	K20GD	WILLMAR MN	140.6	APP	BDFCDTT	-20090617ADE
21	WFTC	MINNEAPOLIS MN	14.8	LIC	BLCDDT	-20011009ADF
22	WUCW	MINNEAPOLIS MN	14.2	CP	BPCDDT	-19991027ADG
23	KTCI -DR	ST. PAUL MN	14.8	ADD	BPRM	-20090424ADI
23	KTCI -TV	ST. PAUL MN	14.8	CP	BPEDT	-20090716ACS
27	WHWC-TV	MENOMONIE WI	111.0	LIC	BLEDT	-20040824AAF
34	KTCA-TV	SAINT PAUL MN	14.8	LIC	BLEDT	-20060802AAO
34	K34HO	WILLMAR MN	140.6	CP	BDFCDTL	-20090617ADI
18	W45CF	EAU CLAIRE WI	142.0	APP	USERRECORD-01	

Proposed station is beyond the site to nearest cell evaluation distance

#####

## Analysis of Interference to Affected Station 18

### Analysis of current record

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Channel	Call	City/State	Application	Ref. No.
19	NEW	EAU CLAIRE WI	BNPDTL	-20090825AYI

### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
18	NEW	WAUSAU WI	146.4	APP	BNPDTL	-20090914AAF
19	KDMI	DES MOINES IA	370.6	CP MOD	BMPCDT	-20090423ABJ
19	WZMQ	MARQUETTE MI	359.9	CP MOD	BMPCDT	-20090616ABM
19	K19GU-D	GRANITE FALLS MN	327.0	CP	BDCCDTL	-20061019ABC
19	K19HZ-D	JACKSON MN	311.4	LIC	BLDTT	-20090910AAS
19	NEW	ST CHARLES MN	101.4	APP	BNPDTL	-20090825BXQ
19	K20GD	WILLMAR MN	287.3	CP	BDI SDTT	-20090922ADD
19	WMTV	MADISON WI	246.1	LIC	BLCDT	-20040823ABP
19	WMTV	MADISON WI	246.1	CP	BPCDT	-20080609ABR
19	KBJR-TV	SUPERIOR WI	231.3	LIC	BLCDT	-20071113AJS
18	W45CF	EAU CLAIRE WI	7.2	APP	USERRECORD-01	

Total scenarios = 1

Result key: 9  
 Scenario 1 Affected station 18 NEW  
 Before Analysis

Results for: 19A WI EAU CLAIRE BNPDTL 20090825AYI APP  
 HAAT 0.0 m, ATV ERP 1.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	122890	1960.5
not affected by terrain losses	122890	1960.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	0	0.0
lost to ATV IX only	0	0.0
lost to all IX	0	0.0

Potential Interfering Stations Included in above Scenario 1

### After Analysis

Results for: 19A WI EAU CLAIRE BNPDTL 20090825AYI APP  
 HAAT 0.0 m, ATV ERP 1.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	122890	1960.5
not affected by terrain losses	122890	1960.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	74511	1100.2
lost to ATV IX only	74511	1100.2
lost to all IX	74511	1100.2

Potential Interfering Stations Included in above Scenario 1

18A WI EAU CLAIRE USERRECORD01 APP

The following station failed the de minimis interference criteria.

18D WI EAU CLAIRE USERRECORD01  
 ERP 15.00 kW HAAT 54.0 m RCAMSL 327.3 m  
 Antenna none

Due to interference to the following station and scenario: 1

19D WI EAU CLAIRE BNPDTL 20090825AYI  
 ERP 1.00 kW HAAT 0.0 m RCAMSL 343.9 m  
 Antenna 9999999999999999

Percent Service Lost without proposal:	0.0	to BNPDTL	20090825AYI
Percent Service Lost with proposal:	60.6	to BNPDTL	20090825AYI

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Worst case new IX 60.6323% Scenario 1

Proposed station is MX

18A WI EAU CLAIRE USERRECORD01 APP  
19A WI EAU CLAIRE BNPDTL 20090825AYI APP

Proposal MX with BNPDTL 20090825AYI scenario 1 of station 18

#####

## Analysis of Interference to Affected Station 19

### Analysis of current record

Channel Call City/State Application Ref. No.  
18 W45CF EAU CLAIRE WI USERRECORD-01

### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
17	WLAX	LA CROSSE WI	113.0	CP MOD	BMPCDT -20080326AGW
18	KYIN	MASON CITY IA	178.4	LIC	BLEDT -20070924AFU
18	KYIN	MASON CITY IA	178.4	CP	BPEDT -20080620AFL
18	K40CO	STORM LAKE IA	369.5	CP	BDI SDTT -20071019AIH
18	WSPY-LD	PLANO IL	422.1	CP	BDCCDTL -20061024ABC
18	K18GF	LITTLE FALLS MN	259.9	CP	BDFCDTL -20090813AAG
18	K57BK-D	NORTHOMI MN	398.3	APP	BDI SDTT -20090824AKK
18	K53AO	OLIVIA MN	267.5	CP	BDI SDTT -20090504ABT
18	K18IH-D	ST. JAMES MN	259.5	CP	BDCCDTT -20070521ACJ
18	WVTU	MILWAUKEE WI	344.3	CP MOD	BMPCDT -20080620AJN
18	W18CU-D	SISTER BAY WI	348.1	LIC	BLDTT -20081117AAA
18	NEW	WAUSAU WI	149.1	APP	BNPDTL -20090914AAF
19	NEW	ST CHARLES MN	105.6	APP	BNPDTL -20090825BXQ
19	NEW	EAU CLAIRE WI	7.2	APP	BNPDTL -20090825AYI

Total scenarios = 5

Result key: 10  
Scenario 1 Affected station 19 W45CF  
Before Analysis

Results for: 18A WI EAU CLAIRE USERRECORD01 APP

HAAT	54.0 m, ATV ERP	15.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour			173482	4415.1
not affected by terrain losses			173422	4403.1
lost to NTSC IX			0	0.0
lost to additional IX by ATV			17	3.0
lost to ATV IX only			17	3.0
lost to all IX			17	3.0

Potential Interfering Stations Included in above Scenario 1

18A IA MASON CITY BPEDT 20080620AFL CP

Result key: 11  
Scenario 2 Affected station 19 W45CF  
Before Analysis

Results for: 18A WI EAU CLAIRE USERRECORD01 APP

HAAT 54.0 m, ATV ERP 15.0 kW



W45CF\_APP(18)\_SIMPLE. OUT  
POPULATION AREA (sq km)

within Noise Limited Contour	173482	4415.1
not affected by terrain losses	173422	4403.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	93	6.0
lost to ATV IX only	93	6.0
lost to all IX	93	6.0

Potential Interfering Stations Included in above Scenario 2

18A IA MASON CITY	BPEDT	20080620AFL	CP
18A WI WAUSAU	BNPDTL	20090914AAF	APP
19A WI EAU CLAIRE	BNPDTL	20090825AYI	APP

Result key: 12  
Scenario 3 Affected station 19 W45CF  
Before Analysis

Results for: 18A WI EAU CLAIRE USERRECORD01 APP  
HAAT 54.0 m, ATV ERP 15.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	173482	4415.1
not affected by terrain losses	173422	4403.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	91	4.0
lost to ATV IX only	91	4.0
lost to all IX	91	4.0

Potential Interfering Stations Included in above Scenario 3

18A IA MASON CITY	BPEDT	20080620AFL	CP
18A WI WAUSAU	BNPDTL	20090914AAF	APP

Result key: 13  
Scenario 4 Affected station 19 W45CF  
Before Analysis

Results for: 18A WI EAU CLAIRE USERRECORD01 APP  
HAAT 54.0 m, ATV ERP 15.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	173482	4415.1
not affected by terrain losses	173422	4403.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	19	5.0
lost to ATV IX only	19	5.0
lost to all IX	19	5.0

Potential Interfering Stations Included in above Scenario 4

18A IA MASON CITY	BPEDT	20080620AFL	CP
19A WI EAU CLAIRE	BNPDTL	20090825AYI	APP

Result key: 14  
Scenario 5 Affected station 19 W45CF  
Before Analysis

Results for: 18A WI EAU CLAIRE USERRECORD01 APP  
HAAT 54.0 m, ATV ERP 15.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	173482	4415.1
not affected by terrain losses	173422	4403.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	17	3.0
lost to ATV IX only	17	3.0
lost to all IX	17	3.0

Potential Interfering Stations Included in above Scenario 5

18A 1A MASON CITY BPEDT 20080620AFL CP

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