

1990 Census data selected

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 01-05-2008 Time: 17:32:29

Record Selected for Analysis

W45CD-D. USERRECORD-01 FENCE WI US
Channel 45 ERP 1.18 kW HAAT 181. m RCAMSL 00623 m SIMPLE MASK
Latitude 045-44-08 Longitude 0088-25-40
Status APP Zone 1 Border
Dir Antenna Make usr Model USRPAT01 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)	51.0 dBu F(50,90) (km)
0.0	1.180	188.7	36.0
45.0	1.180	195.9	36.4
90.0	1.180	199.7	36.6
135.0	1.180	187.7	35.9
180.0	1.180	173.2	35.1
225.0	1.180	160.4	34.3
270.0	1.180	172.6	35.1
315.0	1.180	169.9	34.9

Contour Overlap to Proposed Station

Contour Overlap Evaluation to Proposed Station Complete

LANDMOBILE SPACING VIOLATIONS FOUND

NONE

Proposed facility OK to FCC Monitoring Stations

Proposed facility OK toward West Virginia quite zone

Proposed facility OK toward Table Mountain

Proposed facility is within the Canadian coordination distance

Distance to border = 251.1km

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
45	W45CD-D.	FENCE WI	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
31	W31BK	MENOMINEE MI	90.4	LIC	BLTTTL	-
20070810AAF						
31	W31BA	MINOCQUA WI	107.6	LIC	BLTTTL	-
20001012ABM						
44	960920YF	GREEN BAY WI	139.8	APP	BPCT	-
19960920YF						
45	W45CY	MARQUETTE MI	113.1	CP	BNPTTL	-
20000830AHR						
45	WFUP	VANDERBILT MI	293.5	LIC	BLCT	-
19970626KE						
45	WFUP	VANDERBILT MI	293.5	APP	BSTA	-
20070420ABL						
45	K45JE	HIBBING MN	391.6	CP	BNPTTL	-
20000830BJS						
45	K45JE	HIBBING MN	392.4	APP	BDFCDTL	-
20070329AGK						
45	KSTC-TV	MINNEAPOLIS-ST. PAUL MN	375.2	LIC	BLCT	-
20020318AAJ						
45	W45CI	ASHLAND WI	208.2	LIC	BLTTTL	-
20030108ABR						
45	W45CI	ASHLAND WI	208.2	CP	BDFCDTT	-
20060331BJF						
45	W45CF	ELK MOUND WI	250.2	LIC	BLTTTL	-
20041021ACA						
45	960722KN	RICHLAND CENTER WI	284.2	APP	BPCT	-
19960722KN						
46	WTPX	ANTIGO WI	110.7	LIC	BMLCDT	-
20041015ADT						
46	W31CI	WHITING WI	164.4	LIC	BLTTTL	-
20001201AAG						
48	NEW	WAUSAUKEE WI	54.7	ADD	BPRM	-
19960725AAT						
49	DWUPT-CA	CRYSTAL FALLS MI	48.1	LIC	BLTT	-
19800818IC						
52	W52DV	RHINELANDER WI	61.0	CP	BNPTT	-
20000830BON						
52	W52DU	WAUSAU WI	134.0	CP	BNPTTL	-
20000831AVC						

Analysis of Interference to Affected Station 1

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
31	W31BK	MENOMINEE MI	BLTTTL	-20070810AAF

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
23	WBAY-TV	GREEN BAY WI	93.1	LIC	BMLCDT	-
20040723ADS						
23	WBAY-DT	GREEN BAY WI	93.1	PLN	DTVPLN	-
DTVP0549						
27	WACY	APPLETON WI	97.8	CP MOD	BMPCDT	-
20061114ABU						
27	WACY-TV	APPLETON WI	97.8	LIC	BPRM	-
20020208ABN						
31	WFLD-DT	CHICAGO IL	365.7	PLN	DTVPLN	-
DTVP0822						
31	WFLD	CHICAGO IL	367.9	LIC	BLCDDT	-
20050606ABF						
31	WGTU	TRAVERSE CITY MI	202.6	LIC	BLCDDT	-
20070821ADQ						
31	WGTU-DT	TRAVERSE CITY MI	202.6	PLN	DTVPLN	-
DTVP0826						
31	WHLA-TV	LA CROSSE WI	338.2	LIC	BMLET	-
20041013AAM						
32	WACY	APPLETON WI	97.8	LIC	BMLCT	-
19990831LF						
33	WMMU-DT	MARQUETTE MI	131.3	PLN	DTVPLN	-
DTVP0904						
35	WLUC-DT	MARQUETTE MI	129.4	PLN	DTVPLN	-
DTVP0979						
39	WFRV-TV	GREEN BAY WI	100.5	LIC	BLCDDT	-
20051004ABD						
39	WFRV-DT	GREEN BAY WI	100.5	LIC	BPRM	-
20010806ACL						
45	W45CD-D.	FENCE WI	90.4	APP	USERRECORD-01	

Proposed station is beyond the site to nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 2

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
31	W31BA	MINOCQUA WI	BLTTTL	-20001012ABM

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
24	WHRM-TV	WAUSAU WI	108.0	LIC	BLEDT	-
20051014AAW						

24	WHRM-DT	WAUSAU WI	108.0	PLN	DTVPLN	-
DTVP0590						
28	WYOW-DT	EAGLE RIVER WI	44.5	PLN	DTVPLN	-
DTVP0732						
28	WYOW	EAGLE RIVER WI	44.5	CP MOD	BMPCDT	-
20041001ANY						
29	WAOW-DT	WAUSAU WI	108.0	PLN	DTVPLN	-
DTVP0772						
31	WGTU	TRAVERSE CITY MI	390.8	LIC	BLCDDT	-
20070821ADQ						
31	WGTU-DT	TRAVERSE CITY MI	390.8	PLN	DTVPLN	-
DTVP0826						
31	WRPT	HIBBING MN	292.3	CP	BPEDT	-
20030605AFB						
31	NEW	HIBBING MN	292.3	LIC	BPRM	-
20000717AEU						
31	WHLA-TV	LA CROSSE WI	262.6	LIC	BMLET	-
20041013AAM						
46	WTPX	ANTIGO WI	96.2	LIC	BMLCDT	-
20041015ADT						
45	W45CD-D.	FENCE WI	107.6	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 3

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
44	960920YF	GREEN BAY WI	BPCT	-19960920YF

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
40	WSAW-DT	WAUSAU WI	140.6	PLN	DTVPLN	-
DTVP1147						
41	WGBA-DT	GREEN BAY WI	17.4	PLN	DTVPLN	-
DTVP1180						
41	WGBA	GREEN BAY WI	17.4	CP	BPCDT	-
19990902AAG						
42	WPNE	GREEN BAY WI	11.6	LIC	BMLEDT	-
20040818AAP						
42	WPNE-DT	GREEN BAY WI	11.5	PLN	DTVPLN	-
DTVP1215						
43	WWSR-DT	MAYVILLE WI	126.7	PLN	DTVPLN	-
DTVP1251						
43	WWSR-TV	MAYVILLE WI	126.7	LIC	BLCDDT	-
20050825AEW						
44	WSNS-TV	CHICAGO IL	294.4	LIC	BLCT	-
20000110AAU						
44	WJUE-DT	BATTLE CREEK MI	312.4	PLN	DTVPLN	-
DTVP1269						
44	WMMF-DT	FOND DU LAC WI	146.4	PLN	DTVPLN	-
DTVP1287						
44	WVAZ-TV	FOND DU LAC WI	126.4	CP MOD	BMPCDT	-

20040209ABG						
45	960722KN	RICHLAND CENTER WI	194.3	APP	BPCT	-
19960722KN						
46	WTPX	ANTIGO WI	129.9	LIC	BMLCDT	-
20041015ADT						
48	NEW	WAUSAUKEE WI	95.9	ADD	BPRM	-
19960725AAT						
51	WLUK-DT	GREEN BAY WI	11.7	PLN	DTVPLN	-
DTVP1497						
51	WLUK-TV	GREEN BAY WI	20.1	LIC	BLCDT	-
20050527APR						
52	WWSR-TV	MAYVILLE WI	126.7	LIC	BLCT	-
20011115ADW						
58	WDJT-TV	MILWAUKEE WI	155.9	LIC	BLCT	-
19961211KF						
59	WACY-DT	APPLETON WI	17.4	PLN	DTVPLN	-
DTVP1663						
45	W45CD-D.	FENCE WI	139.8	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.
45	W45CY	MARQUETTE MI	BNPTTL	-20000830AHR

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
45	WFUP	VANDERBILT MI	258.9	LIC	BLCT	-
19970626KE						
45	WFUP	VANDERBILT MI	258.9	APP	BSTA	-
20070420ABL						
48	WJMN-DT	ESCANABA MI	58.9	PLN	DTVPLN	-
DTVP1393						
45	W45CD-D.	FENCE WI	113.1	APP	USERRECORD-01	
Proposal causes no interference						

#####

Analysis of Interference to Affected Station 5

NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
45	WGKU	VANDERBILT MI	DTVPLN	-NPLN1683

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
45	WDIV-DT	DETROIT MI	323.4	PLN	DTVPLN	-
DTVP1303						
45	WLLA-DT	KALAMAZOO MI	295.1	PLN	DTVPLN	-

DTVP1304	47	WGKI-DT	CADILLAC MI	122.9	PLN	DTVPLN	-
DTVP1363	49	WWUP-DT	SAULT STE. MARIE MI	111.4	PLN	DTVPLN	-
DTVP1421	59	WGKU-DT	VANDERBILT MI	0.0	PLN	DTVPLN	-
DTVP1652							

Results for: 45N MI VANDERBILT	DTVPLN	NPLN1683	PLN
	POPULATION	AREA (sq km)	
within Noise Limited Contour	141325	14905.9	
not affected by terrain losses	139384	14488.6	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	19	12.9	
lost to all IX	19	12.9	

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
45	WFUP	VANDERBILT MI	BLCT	-19970626KE

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
45	WDIV-DT	DETROIT MI	323.4	PLN	DTVPLN	-
DTVP1303						
45	WLLA	KALAMAZOO MI	295.1	LIC	BLCDDT	-
20070529AEA						
45	WLLA-DT	KALAMAZOO MI	295.1	PLN	DTVPLN	-
DTVP1304						
46	WBSF	BAY CITY MI	201.8	LIC	BLCT	-
20061006ACR						
46	NEW	BAY CITY MI	194.4	LIC	BPRM	-
20000717AEG						
47	WFQX-TV	CADILLAC MI	53.1	LIC	BLCDDT	-
20070214ACF						
47	WGKI-DT	CADILLAC MI	122.9	PLN	DTVPLN	-
DTVP1363						
49	WWUP-DT	SAULT STE. MARIE MI	111.4	PLN	DTVPLN	-
DTVP1421						
59	WGKU-DT	VANDERBILT MI	0.0	PLN	DTVPLN	-
DTVP1652						
45	W45CD-D.	FENCE WI	293.5	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.
45	WFUP	VANDERBILT MI	BSTA	-20070420ABL

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
45	WDIV-DT	DETROIT MI	323.4	PLN	DTVPLN	-

DTVP1303						
45	WLLA	KALAMAZOO MI	295.1	LIC	BLCDDT	-
20070529AEA						
45	WLLA-DT	KALAMAZOO MI	295.1	PLN	DTVPLN	-
DTVP1304						
46	WBSF	BAY CITY MI	201.8	LIC	BLCT	-
20061006ACR						
46	NEW	BAY CITY MI	194.4	LIC	BPRM	-
20000717AEG						
47	WFQX-TV	CADILLAC MI	53.1	LIC	BLCDDT	-
20070214ACF						
47	WGKI-DT	CADILLAC MI	122.9	PLN	DTVPLN	-
DTVP1363						
49	WWUP-DT	SAULT STE. MARIE MI	111.4	PLN	DTVPLN	-
DTVP1421						
59	WGPU-DT	VANDERBILT MI	0.0	PLN	DTVPLN	-
DTVP1652						
45	W45CD-D. FENCE WI		293.5	APP	USERRECORD-01	
Proposal causes no interference						

#####

Analysis of Interference to Affected Station 7

Analysis of current record

Channel	Call	City/State	Application Ref. No.
45	K45JE	HIBBING MN	BNPTTL -20000830BJS

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application Ref.
38	WDSE-DT	DULUTH MN	92.6	PLN	DTVPLN -
DTVP1051					
38	WDSE-TV	DULUTH MN	92.6	LIC	BLEDT -
20060630ACS					
43	WDIO-DT	DULUTH MN	93.0	PLN	DTVPLN -
DTVP1230					
45	KSTC-TV	MINNEAPOLIS-ST. PAUL MN	261.9	LIC	BLCT -
20020318AAJ					
45	W45CD-D. FENCE WI		391.6	APP	USERRECORD-01

Proposed station is beyond the site to nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 8

Analysis of current record

Channel	Call	City/State	Application Ref. No.
45	K45JE	HIBBING MN	BDFCDTL -20070329AGK

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref.
------	------	------------	----------	--------	------------------

No.
 45 KSTC-TV MINNEAPOLIS-ST. PAUL MN 261.1 LIC BLCT -
 20020318AAJ
 45 W45CD-D. FENCE WI 392.4 APP USERRECORD-01

Proposed station is beyond the site to
 nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 9

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
45	KSTC-TV	MINNEAPOLIS-ST. PAUL MN	BLCT	-20020318AAJ

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
44	KSTC-TV	MINNEAPOLIS MN	0.0	LIC	BLCDDT	-
20060525ABR						
44	KVBM-DT	MINNEAPOLIS MN	0.0	PLN	DTVPLN	-
DTVP1271						
45	KIIN-DT	IOWA CITY IA	398.8	PLN	DTVPLN	-
DTVP1295						
45	960722KN	RICHLAND CENTER WI	319.5	APP	BPCT	-
19960722KN						
46	KXLT-DT	ROCHESTER MN	127.5	PLN	DTVPLN	-
DTVP1331						
46	KXLT-TV	ROCHESTER MN	165.1	CP MOD	BMPCDDT	-
20060615ABX						
48	WEUX	CHIPPEWA FALLS WI	116.2	LIC	BLCT	-
19981224KJ						
48	WEUX	CHIPPEWA FALLS WI	116.2	APP	BPCT	-
20071016AAT						
49	WEUX	CHIPPEWA FALLS WI	116.2	APP	BMPCDDT	-
20071016AAW						
49	WEUX-DT	CHIPPEWA FALLS WI	116.1	PLN	DTVPLN	-
DTVP1435						
49	WEUX	CHIPPEWA FALLS WI	116.2	CP	BPCDDT	-
19991027ACD						
45	W45CD-D. FENCE WI		375.2	APP	USERRECORD-01	

Proposal causes no interference

#####

Analysis of Interference to Affected Station 10

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
45	W45CI	ASHLAND WI	BLTTL	-20030108ABR

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref.
------	------	------------	----------	--------	-------------	------

No.							
38	WDSE-DT	DULUTH MN	100.7	PLN	DTVPLN	-	
DTVP1051							
38	WDSE-TV	DULUTH MN	100.7	LIC	BLEDT	-	
20060630ACS							
43	WDIO-DT	DULUTH MN	100.5	PLN	DTVPLN	-	
DTVP1230							
45	KSTC-TV	MINNEAPOLIS-ST. PAUL MN	246.3	LIC	BLCT	-	
20020318AAJ							
45	960722KN	RICHLAND CENTER WI	363.2	APP	BPCT	-	
19960722KN							
47	WLEF-DT	PARK FALLS WI	83.6	PLN	DTVPLN	-	
DTVP1379							
45	W45CD-D.	FENCE WI	208.2	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.
45	W45CI	ASHLAND WI	BDFCDTT -20060331BJF

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application Ref.
45	KSTC-TV	MINNEAPOLIS-ST. PAUL MN	246.3	LIC	BLCT -
20020318AAJ					
45	960722KN	RICHLAND CENTER WI	363.2	APP	BPCT -
19960722KN					
45	W45CD-D.	FENCE WI	208.2	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.
45	W45CF	ELK MOUND WI	BLTTL -20041021ACA

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application Ref.
41	WKBT	LA CROSSE WI	88.3	CP MOD	BMPCDT -
20060526ADL					
41	NEW	LACROSSE WI	88.3	LIC	BPRM -
20001013ADO					
45	KIIN-DT	IOWA CITY IA	351.7	PLN	DTVPLN -
DTVP1295					
45	KSTC-TV	MINNEAPOLIS-ST. PAUL MN	138.9	LIC	BLCT -
20020318AAJ					
45	960722KN	RICHLAND CENTER WI	205.2	APP	BPCT -

19960722KN						
46	KXLT-DT	ROCHESTER MN	123.0	PLN	DTVPLN	-
DTVP1331						
49	WEUX	CHIPPEWA FALLS WI	23.2	APP	BMPCDT	-
20071016AAW						
49	WEUX-DT	CHIPPEWA FALLS WI	23.3	PLN	DTVPLN	-
DTVP1435						
49	WEUX	CHIPPEWA FALLS WI	23.2	CP	BPCDT	-
19991027ACD						
53	WKBT-DT	LA CROSSE WI	88.3	PLN	DTVPLN	-
DTVP1541						
45	W45CD-D. FENCE WI		250.2	APP	USERRECORD-01	
Proposal causes no interference						

#####

Analysis of Interference to Affected Station 13

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
45	960722KN	RICHLAND CENTER WI	BPCT	-19960722KN

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
38	WPNE	GREEN BAY WI	187.5	LIC	BLET	-
20010914ABB						
41	WIFR-DT	FREEPORT IL	134.7	PLN	DTVPLN	-
DTVP1160						
41	WIFR	FREEPORT IL	134.7	LIC	BLCDDT	-
20041012AIQ						
41	WIFR	FREEPORT IL	134.7	CP MOD	BMPCDT	-
20050103AFQ						
41	WKBT	LA CROSSE WI	140.9	CP MOD	BMPCDT	-
20060526ADL						
41	NEW	LACROSSE WI	140.9	LIC	BPRM	-
20001013ADO						
42	WQRF-DT	ROCKFORD IL	135.6	PLN	DTVPLN	-
DTVP1191						
42	WQRF-TV	ROCKFORD IL	135.7	CP MOD	BMPCDT	-
20070207ABW						
43	KFXB	DUBUQUE IA	114.7	CP	BPCDT	-
19991028ACY						
43	KFXB-DT	DUBUQUE IA	114.9	PLN	DTVPLN	-
DTVP1224						
43	WWRS-DT	MAYVILLE WI	108.8	PLN	DTVPLN	-
DTVP1251						
43	WWRS-TV	MAYVILLE WI	108.8	LIC	BLCDDT	-
20050825AEW						
44	WMMF-DT	FOND DU LAC WI	79.0	PLN	DTVPLN	-
DTVP1287						
44	WWAZ-TV	FOND DU LAC WI	108.9	CP MOD	BMPCDT	-
20040209ABG						
44	960920YF	GREEN BAY WI	194.3	APP	BPCT	-
19960920YF						
45	KIIN-DT	IOWA CITY IA	221.5	PLN	DTVPLN	-
DTVP1295						

45	WSNS-TV	CHICAGO IL	248.6	LIC	BLCDDT	-
20010612AIB						
45	WSNS-DT	CHICAGO IL	247.9	PLN	DTVPLN	-
DTVP1297						
45	WLLA	KALAMAZOO MI	370.5	LIC	BLCDDT	-
20070529AEA						
45	WLLA-DT	KALAMAZOO MI	370.5	PLN	DTVPLN	-
DTVP1304						
45	KSTC-TV	MINNEAPOLIS-ST. PAUL MN	319.5	LIC	BLCT	-
20020318AAJ						
46	WTPX	ANTIGO WI	187.5	LIC	BMLCDDT	-
20041015ADT						
46	WDJT-TV	MILWAUKEE WI	160.3	CP MOD	BMPCDDT	-
20000419ABR						
46	WDJT-DT	MILWAUKEE WI	160.3	PLN	DTVPLN	-
DTVP1347						
47	WMSN-TV	MADISON WI	46.5	LIC	BMLCT	-
20010817AAS						
52	WQRS-TV	MAYVILLE WI	108.8	LIC	BLCT	-
20011115ADW						
53	WKBT-DT	LA CROSSE WI	140.9	PLN	DTVPLN	-
DTVP1541						
45	W45CD-D. FENCE	WI	284.2	APP	USERRECORD-01	
Proposal causes no interference						

#####

Analysis of Interference to Affected Station 14

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
46	WTPX	ANTIGO WI	BMLCDDT	-20041015ADT

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
45	960722KN	RICHLAND CENTER WI	187.5	APP	BPCT	-
19960722KN						
46	KXLT-DT	ROCHESTER MN	258.2	PLN	DTVPLN	-
DTVP1331						
46	KXLT-TV	ROCHESTER MN	289.6	CP MOD	BMPCDDT	-
20060615ABX						
46	WDJT-TV	MILWAUKEE WI	248.4	CP MOD	BMPCDDT	-
20000419ABR						
46	WDJT-DT	MILWAUKEE WI	248.4	PLN	DTVPLN	-
DTVP1347						
47	WMSN-TV	MADISON WI	222.4	LIC	BMLCT	-
20010817AAS						
47	WLEF-DT	PARK FALLS WI	117.2	PLN	DTVPLN	-
DTVP1379						
45	W45CD-D. FENCE	WI	110.7	APP	USERRECORD-01	
Proposal causes no interference						

#####

Analysis of Interference to Affected Station 15

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
46	W31CI	WHITING WI	BLTTTL	-20001201AAG

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
39	WEAU-DT	EAU CLAIRE WI	103.2	PLN	DTVPLN	-
DTVP1112						
39	WFRV-TV	GREEN BAY WI	135.8	LIC	BLCDDT	-
20051004ABD						
39	WFRV-DT	GREEN BAY WI	135.8	LIC	BPRM	-
20010806ACL						
39	960220KF	MARSHFIELD WI	103.2	APP	BPCT	-
19960220KF						
42	WPNE	GREEN BAY WI	133.0	LIC	BMLCDDT	-
20040818AAP						
42	WPNE-DT	GREEN BAY WI	133.1	PLN	DTVPLN	-
DTVP1215						
44	WMMF-DT	FOND DU LAC WI	145.1	PLN	DTVPLN	-
DTVP1287						
45	960722KN	RICHLAND CENTER WI	128.7	APP	BPCT	-
19960722KN						
46	KXLT-DT	ROCHESTER MN	224.2	PLN	DTVPLN	-
DTVP1331						
46	KXLT-TV	ROCHESTER MN	249.1	CP MOD	BMPCDDT	-
20060615ABX						
46	WTPX	ANTIGO WI	59.2	LIC	BMLCDDT	-
20041015ADT						
46	WDJT-TV	MILWAUKEE WI	211.5	CP MOD	BMPCDDT	-
20000419ABR						
46	WDJT-DT	MILWAUKEE WI	211.5	PLN	DTVPLN	-
DTVP1347						
53	WKBT-DT	LA CROSSE WI	141.9	PLN	DTVPLN	-
DTVP1541						
45	W45CD-D.	FENCE WI	164.4	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 16

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
48	NEW	WAUSAUKEE WI	BPRM	-19960725AAT

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
41	WGBA-DT	GREEN BAY WI	113.0	PLN	DTVPLN	-
DTVP1180						
41	WGBA	GREEN BAY WI	113.0	CP	BPCDDT	-

19990902AAG						
46	WTPX	ANTIGO WI	123.8	LIC	BMLCDT	-
20041015ADT						
47	WLEF-DT	PARK FALLS WI	191.4	PLN	DTVPLN	-
DTVP1379						
48	WJMN-DT	ESCANABA MI	114.7	PLN	DTVPLN	-
DTVP1393						
48	WAQP	SAGINAW MI	391.5	LIC	BLCDDT	-
20060824ADS						
48	WAQP-DT	SAGINAW MI	391.5	PLN	DTVPLN	-
DTVP1394						
48	WEUX	CHIPPEWA FALLS WI	295.0	LIC	BLCT	-
19981224KJ						
48	WEUX	CHIPPEWA FALLS WI	295.0	APP	BPCT	-
20071016AAT						
48	WJJA	RACINE WI	251.6	CP MOD	BMPCDT	-
20070921ACR						
48	WJJA-DT	RACINE WI	254.3	PLN	DTVPLN	-
DTVP1406						
48	WJJA	RACINE WI	280.2	LIC	BMLCDT	-
20070823AED						
50	NEW	GREEN BAY WI	95.9	ADD	BPRM	-
20000717ACL						
51	WLUK-DT	GREEN BAY WI	107.5	PLN	DTVPLN	-
DTVP1497						
51	WLUK-TV	GREEN BAY WI	115.8	LIC	BLCDDT	-
20050527APR						
55	WFXS	WITTENBERG WI	123.8	LIC	BLCT	-
20000124AAY						
56	WFRV-DT	GREEN BAY WI	107.8	PLN	DTVPLN	-
DTVP1599						
45	W45CD-D.	FENCE WI	54.7	APP	USERRECORD-01	
Proposal causes no interference						

#####

Analysis of Interference to Affected Station 17

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
49	DWUPT-CA	CRYSTAL FALLS MI	BLTT	-19800818IC

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
48	WJMN-DT	ESCANABA MI	110.0	PLN	DTVPLN	-
DTVP1393						
48	NEW	WAUSAUKEE WI	94.0	ADD	BPRM	-
19960725AAT						
49	WWUP-DT	SAULT STE. MARIE MI	329.4	PLN	DTVPLN	-
DTVP1421						
49	WEUX	CHIPPEWA FALLS WI	289.3	APP	BMPCDT	-
20071016AAW						
49	WEUX-DT	CHIPPEWA FALLS WI	289.4	PLN	DTVPLN	-
DTVP1435						
49	WEUX	CHIPPEWA FALLS WI	289.3	CP	BPCDT	-
19991027ACD						

49	W49CB	GREEN BAY WI	197.7	LIC	BLTT	-
20030602BCK						
49	WJJA	RACINE WI	370.4	LIC	BMLCT	-
20070823AEF						
49	WJJA	RACINE WI	341.4	APP	BPCT	-
20070921ACJ						
49	WJJA	RACINE WI	341.4	APP	BSTA	-
20071025AAQ						
45	W45CD-D.	FENCE WI	48.1	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

Channel	Call	City/State	Application	Ref. No.
52	W52DV	RHINELANDER WI	BNPTT	-20000830BON

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
52	WQRS-TV	MAYVILLE WI	253.8	LIC	BLCT	-
20011115ADW						
52	W52DU	WAUSAU WI	91.2	CP	BNPTTL	-
20000831AVC						
55	WFXS	WITTENBERG WI	70.9	LIC	BLCT	-
20000124AAY						
45	W45CD-D.	FENCE WI	61.0	APP	USERRECORD-01	
Proposal causes no interference						

#####

Analysis of Interference to Affected Station 19

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
52	W52DU	WAUSAU WI	BNPTTL	-20000831AVC

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
52	KCRG-DT	CEDAR RAPIDS IA	337.9	PLN	DTVPLN	-
DTVP1506						
52	WLS-DT	CHICAGO IL	376.6	PLN	DTVPLN	-
DTVP1507						
52	WQRS-TV	MAYVILLE WI	189.3	LIC	BLCT	-
20011115ADW						
52	W52DV	RHINELANDER WI	91.2	CP	BNPTT	-
20000830BON						
56	WFRV-DT	GREEN BAY WI	145.0	PLN	DTVPLN	-
DTVP1599						

45 W45CD-D. FENCE WI 134.0 APP USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 20

Analysis of current record

Channel	Call	City/State	Application Ref. No.
45	W45CD-D.	FENCE WI	USERRECORD-01

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application Ref.
45	WFUP	VANDERBILT MI	293.5	LIC	BLCT -
19970626KE					
45	WFUP	VANDERBILT MI	293.5	APP	BSTA -
20070420ABL					
45	KSTC-TV	MINNEAPOLIS-ST. PAUL MN	375.2	LIC	BLCT -
20020318AAJ					
45	960722KN	RICHLAND CENTER WI	284.2	APP	BPCT -
19960722KN					
46	WTPX	ANTIGO WI	110.7	LIC	BMLCDT -
20041015ADT					

Total scenarios = 1

Result key: 1
Scenario 1 Affected station 20
Before Analysis

Results for: 45A WI FENCE USERRECORD01 APP
HAAT 181.0 m, ATV ERP 1.2 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	31148	3816.4
not affected by terrain losses	30986	3809.6
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

*Percent Service lost without proposal: 0.0 to USERRECORD01
*Percent Service lost with proposal: 0.0 to USERRECORD01

#####

FINISHED FINISHED FINISHED FINISHED FINISHED FINISHED