

TECHNICAL EXHIBIT
APPLICATION FOR CONSTRUCTION PERMIT
LPTV STATION W16BS
FACILITY ID 67976
SHEBOYGEN, WISCONSIN
CH 29 50 KW (MAX-DA)

Technical Narrative

The technical exhibit of which this narrative is part was prepared in support of a displacement relief application for LPTV station W16BS at Sheboygan, Wisconsin (Facility ID: 67976). Station W16BS is currently licensed (BLTT-20000802AEH) to operate on channel 16 (482-488 MHz) with a "plus" carrier frequency offset, a directional antenna maximum effective radiated power of 11.2 kilowatts (kW) and an antenna radiation center height above mean sea level (RCAMSL) of 296 meters. An Andrew model ALP16L2-HSW directional antenna is employed with a main lobe orientation of 280 degrees true.

Displacement Relief Eligibility

The KTFB-CA currently licensed facility on channel 16 is located 170 kilometers from the licensed, co-channel facility of full-power DTV station WTVO on channel 16 at Rockford, IL (BLCDT-20021024AAS). According to Section 73.3572(a)(4)(iii) and 73.3572(a)(4)(iv)(A)(1) of FCC's rules, a LPTV station is eligible for displacement relief if it is located within 265 km from the coordinates of a co-channel DTV authorization or DTV allotment. Therefore, LPTV station W16BS is eligible for displacement relief.

In addition, W16BS can no longer broadcast from their current site location, as the land that the site is located has been sold and the tower is being removed. Thus, it is also proposed to operate W16S on channel 29 from a new transmitter site located 25.2 kilometers south-southwest of the current W16BS site. It is noted that the proposed site is located less than 48 kilometers (30 miles) from W16BS's currently licensed site. In addition, there will be overlap of the current and proposed 74 dBu contours as detailed below. Therefore, based on current FCC policy, a displacement relief application specifying a site change of less than 48 kilometers (30 miles) and also involving 74 dBu contour overlap is considered permissible.

Figure 1 depicts the licensed and herein proposed 74 dBu contours for W16BS. As indicated, the proposed 74 dBu contour overlaps a portion of the licensed 74 dBu contour.

Proposed Facilities

It is proposed to operate on channel 29 (560-566 MHz) employing an Antenna Concepts ACS24BR composite wide cardioid directional antenna having a main lobe orientation of 110 degrees true. The maximum ERP at the radio horizon as well as at any horizontal or vertical angle will be 50 kW and the antenna radiation center above mean sea level will be 320 meters.

Antenna Structure Registration

It is proposed to side-mount the directional antenna at the 60.3 meter level on an existing 102.7 meter supporting structure (Antenna Structure Registration Number 1213322).

Response to Paragraph 13 (Interference)

The proposed facility complies with all the following applicable rule Sections: Sections 74.705, 74.706, 74.707, 74.708, 74.709 and 73.710. Figure 2 provides the output of a study based on the OET-69 Bulletin which demonstrates that the proposed W16BS operation complies with the FCC's NTSC, DTV, LPTV/TV translator and Class A interference criteria¹.

Environmental Considerations

The proposed W16BS LPTV facilities were evaluated in terms of potential radiofrequency radiation exposure at ground level in accordance with OST Bulletin No. 65, "Evaluating Compliance With FCC-Specified Guidelines for Human Exposure to

¹ The du Treil, Lundin & Rackley, Inc. DTV interference analysis program is based on the program and procedures outlined by the FCC in the Sixth Report and Order; subsequent Memorandum Opinion and Order; and FCC OET Bulletin No. 69. A nominal grid size resolution of 1 km was employed. A Sun computer system was employed. The results have been found to be in agreement with the results of the FCC implementation of OET Bulletin 69.

Radiofrequency Radiation". The calculated power density at the base of the tower was calculated using the appropriate equation of the Bulletin.

Figure 3 depicts the vertical pattern data for the proposed directional antenna. Using a greater than expected vertical plane relative field value of 0.2 at depression angles towards the tower base (-60° to -90° elevation), a peak visual effective radiated power of 50 kW, 10 percent aural power, and an antenna center of radiation height above ground level of 60.3 meters, the calculated power density at 2 meters above ground level at the base of the tower is 0.0099 milliwatts per square centimeter (mW/cm^2), or 2.65 percent of the Commission's recommended limit of $0.38 \text{ mW}/\text{cm}^2$ for TV channel 29 applicable to general population/uncontrolled exposure areas.

Access to the transmitting site will be restricted and appropriately marked with warning signs. Furthermore, as this is a multi-user site, an agreement will be in place to ensure that appropriate measures will be taken to assure worker safety with respect to radio frequency radiation exposure. Such measures include reducing the average exposure by spreading out the work over a longer period of time, wearing "accepted" RFR protective clothing and/or RFR exposure monitors or scheduling work when the stations are at reduced power or shut down.

Finally, it is noted that this technical exhibit only addresses the potential for radiofrequency electromagnetic field exposure. All other aspects of the environmental processing analysis will be or already has been provided to the FCC by the tower owner.

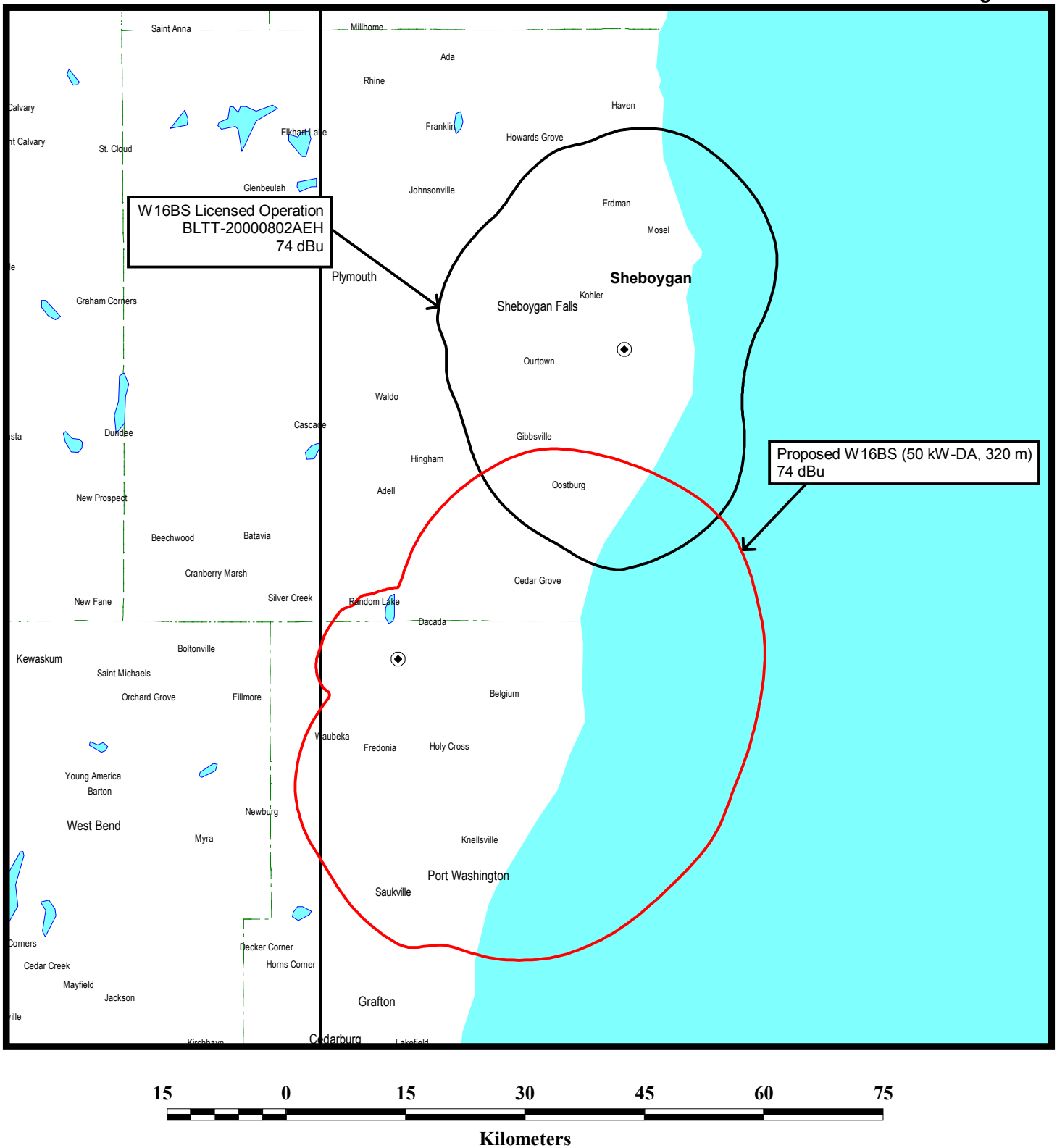
A handwritten signature in black ink, appearing to read 'T. Howell', is centered on the page.

Thomas J. Howell

du Treil, Lundin & Rackley, Inc.
201 Fletcher Avenue
Sarasota, Florida 34237
(941)329-6000
TOM@DLR.COM

May 7, 2007

Figure 1



PREDICTED 74 DBU COVERAGE CONTOURS

STATION W16BS
SHEBOYGAN, WISCONSIN
CH 26 50 KW (MAX-DA)

du Treil, Lundin & Rackley, Inc. Sarasota, Florida

OET-69 DTV/TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Census data selected: 1990

Record Selected for Analysis

W16BS USERRECORD-01 SHEBOYGEN WI US
 Channel 29 ERP 50. kW HAAT 112. m RCAMSL 00320 m
 Latitude 043-31-14 Longitude 0087-56-11
 Status APP Zone 1 Border Offset Z
 Dir Antenna Make CDB Model 00000000075205 Beam tilt N Ref Azimuth 110.
 Last update Cutoff date Docket
 Comments
 Applicant

Cell Size for Service Analysis 1.0 km/side

Distance Increments for Longley-Rice Analysis 1.00 km

Not full service station

Facility meets maximum power limit

Azimuth (Deg)	ERP (kW)	HAAT (m)	74.0 dBu F(50,50) (km)
0.0	2.645	46.2	7.1
45.0	36.551	92.7	20.0
90.0	48.020	111.6	23.5
135.0	49.005	103.8	22.8
180.0	33.620	77.1	17.5
225.0	1.361	57.6	6.8
270.0	0.500	53.3	5.1
315.0	0.500	46.8	4.7

Contour Overlap Evaluation from LPTV Station to Full Service TV & DTV

Station inside contour of station
 WTMJ-TV 28 MILWAUKEE WI BLCDT 20001218ACR

Contour overlap to station
 WMAQ-TV 29 CHICAGO IL BLCDT 20010531ACY

Station inside contour of station
 WVCY-TV 30 MILWAUKEE WI BLCT 19830119KI

Spacing violation to station
 WMVT 36 MILWAUKEE WI BLET 20050623ABQ
 Site-to-site distance 47.2km

Contour Overlap Evaluation from LPTV to Full Service TV & DTV Complete

Contour Overlap Evaluation from LPTV Station to LPTV Stations

No Spacing violations or contour overlap from LPTV station

Contour Overlap Evaluation from LPTV to LPTV Stations Complete

Contour Overlap to Proposed Station

Contour Overlap Evaluation to Proposed Station Complete

Proposed facility OK to FCC Monitoring Stations

Proposed facility OK toward West Virginia quite zone

Proposed facility OK toward Table Mountain

Proposed facility is beyond the Canadian coordination distance

Proposed facility is beyond the Mexican coordination distance

Proposed station is OK toward AM broadcast stations

Start of Interference Analysis

Channel	Proposed Station Call	City/State	ARN
29	WL6BS	SHEBOYGEN WI	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
28	WTMJ-TV	MILWAUKEE WI	47.8	LIC	BLCDT	-20001218ACR
29	WMAQ-TV	CHICAGO IL	184.1	LIC	BLCDT	-20010531ACY
30	WVCY-TV	MILWAUKEE WI	48.2	LIC	BLCT	-19830119KI
36	WMVT	MILWAUKEE WI	47.2	LIC	BLET	-20050623ABQ

%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%

Analysis of Interference to Affected Station 1

DTV Baseline Analysis

Channel	Call	City/State	Application Ref. No.
28	WTMJ-DT	MILWAUKEE WI	DTVPLN -DTVP0733

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
27	WCIU-DT	CHICAGO IL	136.5	PLN	DTVPLN -DTVP0672
27	WKOWTV	MADISON WI	132.6	PLN	DTVPLN -NPLN1323
28	KFXA	CEDAR RAPIDS IA	360.0	PLN	DTVPLN -NPLN1330
28	WYZZ-DT	BLOOMINGTON IL	291.6	PLN	DTVPLN -DTVP0708
28	WSJV	ELKHART IN	215.8	PLN	DTVPLN -NPLN1331
28	WFUM	FLINT MI	361.6	PLN	DTVPLN -NPLN1334
28	WYOW-DT	EAGLE RIVER WI	316.8	PLN	DTVPLN -DTVP0732
28	WHWCTV	MENOMONIE WI	383.7	PLN	DTVPLN -NPLN1347
29	WMAQ-DT	CHICAGO IL	136.5	PLN	DTVPLN -DTVP0742

Results for: 28A WI MILWAUKEE DTVPLN DTVP0733 PLN
HAAT 305.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2906277	34476.2
not affected by terrain losses	2891120	34175.3
lost to NTSC IX	35863	797.9
lost to additional IX by ATV	136959	379.3
lost to ATV IX only	148222	447.0
lost to all IX	172822	1177.2

NTSC Baseline Analysis

Channel	Call	City/State	Application Ref. No.
04	WTMJTV	MILWAUKEE WI	DTVPLN -NPLN0332

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
03	WBBM-DT	CHICAGO IL	134.5	PLN	DTVPLN -DTVP0011
03	WWMT	KALAMAZOO MI	199.3	PLN	DTVPLN -NPLN0233
03	WISCTV	MADISON WI	132.6	PLN	DTVPLN -NPLN0268
04	WHBFTV	ROCK ISLAND IL	272.4	PLN	DTVPLN -NPLN0288
04	WANE-DT	FORT WAYNE IN	315.7	PLN	DTVPLN -DTVP0013
04	WTOMTV	CHEBOYGAN MI	401.0	PLN	DTVPLN -NPLN0293
04	WDIV	DETROIT MI	389.0	PLN	DTVPLN -NPLN0294
04	NEW	CRANDON WI	275.9	PLN	DTVPLN -NPLN0331

Results for: 4N WI MILWAUKEE DTVPLN NPLN0332 PLN

	POPULATION	AREA (sq km)
within Noise Limited Contour	2906277	34476.2
not affected by terrain losses	2852822	33551.0
lost to NTSC IX	683560	9236.1
lost to additional IX by ATV	2477	4.9
lost to all IX	686037	9241.0

Analysis of current record

Channel	Call	City/State	Application Ref. No.
28	WTMJ-TV	MILWAUKEE WI	BLCDDT -20001218ACR

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
------	------	------------	----------	--------	----------------------

27	WCIU-TV	CHICAGO IL	136.5	CP MOD	BMPCDT	-20021202ABR
27	WCIU-DT	CHICAGO IL	136.5	PLN	DTVPLN	-DTVP0672
27	WACY	APPLETON WI	141.0	CP MOD	BMPCDT	-20061114ABU
27	WACY-TV	APPLETON WI	141.0	LIC	BPRM	-20020208ABN
27	WKOW-TV	MADISON WI	132.6	LIC	BLCT	-20000306AAW
28	KFXA	CEDAR RAPIDS IA	360.0	LIC	BLCT	-20050718AFP
28	WYZZ-DT	BLOOMINGTON IL	291.6	PLN	DTVPLN	-DTVP0708
28	WYZZ-TV	BLOOMINGTON IL	291.6	CP MOD	BMPCDT	-20030805AHV
28	WSJV	ELKHART IN	215.8	LIC	BLCT	-19991223ACN
28	WFUM	FLINT MI	361.6	LIC	BLET	-20030718AFB
28	NEW	MARQUETTE MI	386.5	ADD	BPRM	-19960725AAD
28	WYOW	EAGLE RIVER WI	316.8	CP MOD	BMPCDT	-20041001ANY
28	WYOW-DT	EAGLE RIVER WI	316.8	PLN	DTVPLN	-DTVP0732
28	WHWC-TV	MENOMONIE WI	383.7	APP	BSTA	-20070412AAG
28	WHWC-TV	MENOMONIE WI	383.7	LIC	BMLET	-20021118ACH
28	960722KR	SHEBOYGAN WI	51.2	APP	BPCT	-19960722KR
29	WMAQ-TV	CHICAGO IL	136.5	LIC	BLCDDT	-20010531ACY
29	WMAQ-DT	CHICAGO IL	136.5	PLN	DTVPLN	-DTVP0742
29	W16BS	SHEBOYGEN WI	47.8	APP	USERRECORD-01	

Proposal causes no interference

#####

Analysis of Interference to Affected Station 2

DTV Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
29	WMAQ-DT	CHICAGO IL	DTVPLN	-DTVP0742

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
28	WYZZ-DT	BLOOMINGTON IL	188.2	PLN	DTVPLN	-DTVP0708
28	WSJV	ELKHART IN	123.1	PLN	DTVPLN	-NPLN1331
28	WTMJ-DT	MILWAUKEE WI	136.5	PLN	DTVPLN	-DTVP0733
29	WTTK	KOKOMO IN	221.7	PLN	DTVPLN	-NPLN1355
29	WXIX-DT	NEWPORT KY	402.5	PLN	DTVPLN	-DTVP0744
29	WGTU	TRAVERSE CITY MI	380.5	PLN	DTVPLN	-NPLN1359
29	KHQA-DT	HANNIBAL MO	375.7	PLN	DTVPLN	-DTVP0748
29	WGTE-DT	TOLEDO OH	349.4	PLN	DTVPLN	-DTVP0757
29	WAOW-DT	WAUSAU WI	376.6	PLN	DTVPLN	-DTVP0772
30	WMBD-DT	PEORIA IL	210.7	PLN	DTVPLN	-DTVP0785
30	WSBT-DT	SOUTH BEND IN	121.2	PLN	DTVPLN	-DTVP0786
30	WVCYTV	MILWAUKEE WI	136.1	PLN	DTVPLN	-NPLN1396

Results for: 29A IL CHICAGO DTVPLN DTVP0742 PLN

HAAT 494.0 m, ATV ERP 200.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	8556271	31736.6
not affected by terrain losses	8556224	31724.6
lost to NTSC IX	1862	90.9
lost to additional IX by ATV	34540	663.6
lost to ATV IX only	36392	752.5
lost to all IX	36402	754.5

NTSC Baseline Analysis

Channel	Call	City/State	Application Ref. No.
05	WMAQTV	CHICAGO IL	DTVPLN -NPLN0351

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
05	WNEMTV	BAY CITY MI	356.8	PLN	DTVPLN -NPLN0355
05	WGVK-DT	KALAMAZOO MI	170.0	PLN	DTVPLN -DTVP0021
05	WLWT	CINCINNATI OH	403.7	PLN	DTVPLN -NPLN0371
05	WLMB-DT	TOLEDO OH	300.1	PLN	DTVPLN -DTVP0022
05	WFRVTV	GREEN BAY WI	282.5	PLN	DTVPLN -NPLN0388
06	WITITV	MILWAUKEE WI	136.3	PLN	DTVPLN -NPLN0450

Results for:	5N IL CHICAGO	DTVPLN	NPLN0351	PLN
		POPULATION	AREA (sq km)	
within Noise Limited Contour		8556256	31734.6	
not affected by terrain losses		8547888	31459.8	
lost to NTSC IX		232436	3497.6	
lost to additional IX by ATV		62800	1974.7	
lost to all IX		295236	5472.3	

Analysis of current record

Channel	Call	City/State	Application Ref. No.
29	WMAQ-TV	CHICAGO IL	BLCDT -20010531ACY

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
28	WYZZ-DT	BLOOMINGTON IL	188.2	PLN	DTVPLN -DTVP0708
28	WYZZ-TV	BLOOMINGTON IL	188.2	CP MOD	BMPCDT -20030805AHV
28	WSJV	ELKHART IN	123.1	LIC	BLCT -19991223ACN
28	WTMJ-DT	MILWAUKEE WI	136.5	PLN	DTVPLN -DTVP0733
28	960722KR	SHEBOYGAN WI	185.0	APP	BPCT -19960722KR
29	960920IP	DUBUQUE IA	265.5	APP	BPET -19960920IP
29	WTTK	KOKOMO IN	221.7	LIC	BLCT -19880523KI
29	WXIX-DT	NEWPORT KY	402.5	PLN	DTVPLN -DTVP0744
29	WGTU	TRAVERSE CITY MI	380.5	LIC	BLCT -20041012AIJ
29	KHQA-DT	HANNIBAL MO	375.7	PLN	DTVPLN -DTVP0748
29	WGTE-TV	TOLEDO OH	349.4	LIC	BLEDT -20031110AKO
29	WGTE-DT	TOLEDO OH	349.4	PLN	DTVPLN -DTVP0757
29	WAOW-DT	WAUSAU WI	376.6	PLN	DTVPLN -DTVP0772
30	WMBD-TV	PEORIA IL	210.7	CP MOD	BMPCDT -20060314ABP
30	WMBD-DT	PEORIA IL	210.7	PLN	DTVPLN -DTVP0785
30	WSBT-DT	SOUTH BEND IN	121.2	PLN	DTVPLN -DTVP0786
30	WVCY-TV	MILWAUKEE WI	136.1	LIC	BLCT -19830119KI
29	W16BS	SHEBOYGEN WI	184.1	APP	USERRECORD-01

Total scenarios = 3

Result key: 1
Scenario 1 Affected station 2 WMAQ-TV
Before Analysis

Results for:	29A IL CHICAGO	BLCDT	20010531ACY	LIC
HAAT	508.0 m, ATV ERP	350.0 kW		

	POPULATION	AREA (sq km)
within Noise Limited Contour	8594995	32507.5
not affected by terrain losses	8594232	32476.6
lost to NTSC IX	1445	66.9
lost to additional IX by ATV	36015	618.5
lost to ATV IX only	37435	683.4
lost to all IX	37460	685.4

Potential Interfering Stations Included in above Scenario 1

28N IN ELKHART	BLCT	19991223ACN	LIC
29N IN KOKOMO	BLCT	19880523KI	LIC
28A WI MILWAUKEE	DTVPLN	DTVP0733	PLN
29A WI WAUSAU	DTVPLN	DTVP0772	PLN
30A IN SOUTH BEND	DTVPLN	DTVP0786	PLN

After Analysis

Results for: 29A IL CHICAGO BLC DT 20010531ACY LIC
HAAT 508.0 m, ATV ERP 350.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	8594995	32507.5
not affected by terrain losses	8594232	32476.6
lost to NTSC IX	1602	71.9
lost to additional IX by ATV	35893	614.5
lost to ATV IX only	37435	683.4
lost to all IX	37495	686.4

Potential Interfering Stations Included in above Scenario 1

28N IN ELKHART	BLCT	19991223ACN	LIC
29N IN KOKOMO	BLCT	19880523KI	LIC
28A WI MILWAUKEE	DTVPLN	DTVP0733	PLN
29A WI WAUSAU	DTVPLN	DTVP0772	PLN
30A IN SOUTH BEND	DTVPLN	DTVP0786	PLN
29N WI SHEBOYGEN	USERRECORD01		APP

Result key: 2

Scenario 2 Affected station 2 WMAQ-TV

Before Analysis

Results for: 29A IL CHICAGO BLC DT 20010531ACY LIC
HAAT 508.0 m, ATV ERP 350.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	8594995	32507.5
not affected by terrain losses	8594232	32476.6
lost to NTSC IX	1757	82.9
lost to additional IX by ATV	35788	607.5
lost to ATV IX only	37435	683.4
lost to all IX	37545	690.4

Potential Interfering Stations Included in above Scenario 2

28N IN ELKHART	BLCT	19991223ACN	LIC
29N IA DUBUQUE	BPET	19960920IP	APP
29N IN KOKOMO	BLCT	19880523KI	LIC
28A WI MILWAUKEE	DTVPLN	DTVP0733	PLN

29A WI WAUSAU	DTVPLN	DTVP0772	PLN
30A IN SOUTH BEND	DTVPLN	DTVP0786	PLN

After Analysis

Results for: 29A IL CHICAGO BLCDT 20010531ACY LIC
HAAT 508.0 m, ATV ERP 350.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	8594995	32507.5
not affected by terrain losses	8594232	32476.6
lost to NTSC IX	1792	83.9
lost to additional IX by ATV	35788	607.5
lost to ATV IX only	37435	683.4
lost to all IX	37580	691.4

Potential Interfering Stations Included in above Scenario 2

28N IN ELKHART	BLCT	19991223ACN	LIC
29N IA DUBUQUE	BPET	19960920IP	APP
29N IN KOKOMO	BLCT	19880523KI	LIC
28A WI MILWAUKEE	DTVPLN	DTVP0733	PLN
29A WI WAUSAU	DTVPLN	DTVP0772	PLN
30A IN SOUTH BEND	DTVPLN	DTVP0786	PLN
29N WI SHEBOYGEN	USERRECORD01		APP

Result key: 3
Scenario 3 Affected station 2 WMAQ-TV
Before Analysis

Results for: 29A IL CHICAGO BLCDT 20010531ACY LIC
HAAT 508.0 m, ATV ERP 350.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	8594995	32507.5
not affected by terrain losses	8594232	32476.6
lost to NTSC IX	1445	66.9
lost to additional IX by ATV	36015	618.5
lost to ATV IX only	37435	683.4
lost to all IX	37460	685.4

Potential Interfering Stations Included in above Scenario 3

28N IN ELKHART	BLCT	19991223ACN	LIC
29N IN KOKOMO	BLCT	19880523KI	LIC
28A WI MILWAUKEE	DTVPLN	DTVP0733	PLN
29A WI WAUSAU	DTVPLN	DTVP0772	PLN
30A IN SOUTH BEND	DTVPLN	DTVP0786	PLN

After Analysis

Results for: 29A IL CHICAGO BLCDT 20010531ACY LIC
HAAT 508.0 m, ATV ERP 350.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	8594995	32507.5
not affected by terrain losses	8594232	32476.6
lost to NTSC IX	1602	71.9
lost to additional IX by ATV	35893	614.5
lost to ATV IX only	37435	683.4

lost to all IX 37495 686.4

Potential Interfering Stations Included in above Scenario 3

28N IN ELKHART	BLCT	19991223ACN	LIC
29N IN KOKOMO	BLCT	19880523KI	LIC
28A WI MILWAUKEE	DTVPLN	DTVP0733	PLN
29A WI WAUSAU	DTVPLN	DTVP0772	PLN
30A IN SOUTH BEND	DTVPLN	DTVP0786	PLN
29N WI SHEBOYGEN	USERRECORD01		APP

#####

Analysis of Interference to Affected Station 3

NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
30	WVCYTV	MILWAUKEE WI	DTVPLN	-NPLN1396

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
22	WVCY-DT	MILWAUKEE WI	0.0	PLN	DTVPLN	-DTVP0510
23	WIFR	FREEPORT IL	135.8	PLN	DTVPLN	-NPLN1173
26	WKOW-DT	MADISON WI	132.5	PLN	DTVPLN	-DTVP0659
27	WCIU-DT	CHICAGO IL	136.1	PLN	DTVPLN	-DTVP0672
27	WKOWTV	MADISON WI	132.5	PLN	DTVPLN	-NPLN1323
28	WTMJ-DT	MILWAUKEE WI	0.4	PLN	DTVPLN	-DTVP0733
29	WMAQ-DT	CHICAGO IL	136.1	PLN	DTVPLN	-DTVP0742
30	WMBD-DT	PEORIA IL	304.3	PLN	DTVPLN	-DTVP0785
30	WSBT-DT	SOUTH BEND IN	214.3	PLN	DTVPLN	-DTVP0786
30	WEYI-DT	SAGINAW MI	339.4	PLN	DTVPLN	-DTVP0792
30	WGTETV	TOLEDO OH	400.0	PLN	DTVPLN	-NPLN1387
30	WHLA-DT	LA CROSSE WI	290.7	PLN	DTVPLN	-DTVP0809
31	WFLD-DT	CHICAGO IL	134.1	PLN	DTVPLN	-DTVP0822
32	WFLD	CHICAGO IL	134.1	PLN	DTVPLN	-NPLN1429
32	WACY	APPLETON WI	141.4	PLN	DTVPLN	-NPLN1439
32	WJNW-DT	JANESVILLE WI	115.3	PLN	DTVPLN	-DTVP0889
33	WITI-DT	MILWAUKEE WI	0.6	PLN	DTVPLN	-DTVP0922
34	WISN-DT	MILWAUKEE WI	3.3	PLN	DTVPLN	-DTVP0960
38	WCFCTV	CHICAGO IL	134.1	PLN	DTVPLN	-NPLN1541
44	WSNS	CHICAGO IL	134.1	PLN	DTVPLN	-NPLN1660
44	WMMF-DT	FOND DU LAC WI	86.0	PLN	DTVPLN	-DTVP1287
45	WSNS-DT	CHICAGO IL	134.1	PLN	DTVPLN	-DTVP1297

Results for: 30N WI MILWAUKEE	DTVPLN	NPLN1396	PLN
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1849107	13405.6	
not affected by terrain losses	1846321	13316.4	
lost to NTSC IX	360	2.0	
lost to additional IX by ATV	16445	108.8	
lost to all IX	16805	110.8	

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
---------	------	------------	-------------	----------

30 WVCY-TV MILWAUKEE WI BLCT -19830119KI

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
22	WVCY-TV	MILWAUKEE WI	1.0	CP MOD	BMPCDT	-20050422AAZ
22	WVCY-DT	MILWAUKEE WI	0.0	PLN	DTVPLN	-DTVP0510
23	WIFR	FREEPORT IL	135.8	LIC	BMLCT	-20040615ABU
26	WKOW-TV	MADISON WI	132.5	CP	BPCDT	-20000501AEY
26	WKOW-DT	MADISON WI	132.5	PLN	DTVPLN	-DTVP0659
27	WCIU-TV	CHICAGO IL	136.1	CP MOD	BMPCDT	-20021202ABR
27	WCIU-DT	CHICAGO IL	136.1	PLN	DTVPLN	-DTVP0672
27	WACY	APPLETON WI	141.4	CP MOD	BMPCDT	-20061114ABU
27	WACY-TV	APPLETON WI	141.4	LIC	BPRM	-20020208ABN
27	WKOW-TV	MADISON WI	132.5	LIC	BLCT	-20000306AAW
28	WTMJ-DT	MILWAUKEE WI	0.4	PLN	DTVPLN	-DTVP0733
28	960722KR	SHEBOYGAN WI	51.5	APP	BPCT	-19960722KR
29	WMAQ-TV	CHICAGO IL	136.1	LIC	BLCDDT	-20010531ACY
29	WMAQ-DT	CHICAGO IL	136.1	PLN	DTVPLN	-DTVP0742
30	960710LA	DAVENPORT IA	272.1	APP	BPET	-19960710LA
30	961001KU	DAVENPORT IA	275.4	APP	BPCT	-19961001KU
30	960508KF	DAVENPORT IA	282.5	APP	BPET	-19960508KF
30	WMBD-TV	PEORIA IL	304.3	CP MOD	BMPCDT	-20060314ABP
30	WMBD-DT	PEORIA IL	304.3	PLN	DTVPLN	-DTVP0785
30	WSBT-DT	SOUTH BEND IN	214.3	PLN	DTVPLN	-DTVP0786
30	WEYI-DT	SAGINAW MI	339.4	PLN	DTVPLN	-DTVP0792
30	WGTE-TV	TOLEDO OH	400.0	LIC	BMLET	-19971204LC
30	WHLA-DT	LA CROSSE WI	290.7	PLN	DTVPLN	-DTVP0809
30	WHLA-TV	LA CROSSE WI	290.7	LIC	BMLEDT	-20041013AAL
31	WFLD	CHICAGO IL	136.1	CP	BPCDT	-20010604AAX
31	WFLD-DT	CHICAGO IL	134.1	PLN	DTVPLN	-DTVP0822
31	WFLD	CHICAGO IL	136.1	LIC	BLCDDT	-19990728LD
32	WFLD	CHICAGO IL	134.1	LIC	BLCT	-19830408KG
32	WACY	APPLETON WI	141.4	LIC	BMLCT	-19990831LF
32	WJNW-DT	JANESVILLE WI	115.3	PLN	DTVPLN	-DTVP0889
32	WBUW	JANESVILLE WI	128.6	LIC	BLCDDT	-20040930BHL
33	WITI-DT	MILWAUKEE WI	0.6	PLN	DTVPLN	-DTVP0922
34	WISN-DT	MILWAUKEE WI	3.3	PLN	DTVPLN	-DTVP0960
38	WCPX	CHICAGO IL	136.1	LIC	BLCT	-20050715ACC
44	WSNS-TV	CHICAGO IL	136.1	LIC	BLCT	-20000110AAU
44	WWAZ-TV	FOND DU LAC WI	63.7	CP MOD	BMPCDT	-20040209ABG
44	WMMF-DT	FOND DU LAC WI	86.0	PLN	DTVPLN	-DTVP1287
44	960920YF	GREEN BAY WI	158.7	APP	BPCT	-19960920YF
45	WSNS-TV	CHICAGO IL	136.1	LIC	BLCDDT	-20010612AIB
45	WSNS-DT	CHICAGO IL	134.1	PLN	DTVPLN	-DTVP1297
45	960722KN	RICHLAND CENTER WI	163.0	APP	BPCT	-19960722KN
29	W16BS	SHEBOYGEN WI	48.2	APP	USERRECORD-01	

Total scenarios = 17

Result key: 4
Scenario 1 Affected station 3 WVCY-TV
Before Analysis

Results for: 30N WI MILWAUKEE BLCT 19830119KI LIC
POPULATION AREA (sq km)

within Noise Limited Contour	1871583	15982.0
not affected by terrain losses	1868847	15900.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	24266	294.1
lost to all IX	24266	294.1

Potential Interfering Stations Included in above Scenario 1

29A IL CHICAGO	BLCDDT	20010531ACY	LIC
30A IL PEORIA	BMPCDDT	20060314ABP	CP
30A IN SOUTH BEND	DTVPLN	DTVP0786	PLN
30A WI LA CROSSE	BMLEDT	20041013AAL	LIC
34A WI MILWAUKEE	DTVPLN	DTVP0960	PLN
44A WI FOND DU LAC	BMPCDDT	20040209ABG	CP

After Analysis

Results for: 30N WI MILWAUKEE	BLCT	19830119KI	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1871583	15982.0	
not affected by terrain losses	1868847	15900.6	
lost to NTSC IX	8225	246.0	
lost to additional IX by ATV	24237	293.1	
lost to all IX	32462	539.1	

Potential Interfering Stations Included in above Scenario 1

29A IL CHICAGO	BLCDDT	20010531ACY	LIC
30A IL PEORIA	BMPCDDT	20060314ABP	CP
30A IN SOUTH BEND	DTVPLN	DTVP0786	PLN
30A WI LA CROSSE	BMLEDT	20041013AAL	LIC
34A WI MILWAUKEE	DTVPLN	DTVP0960	PLN
44A WI FOND DU LAC	BMPCDDT	20040209ABG	CP
29N WI SHEBOYGEN	USERRECORD01		APP

Result key: 5
Scenario 2 Affected station 3 WVCY-TV
Before Analysis

Results for: 30N WI MILWAUKEE	BLCT	19830119KI	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1871583	15982.0	
not affected by terrain losses	1868847	15900.6	
lost to NTSC IX	42878	1002.8	
lost to additional IX by ATV	15007	101.0	
lost to all IX	57885	1103.8	

Potential Interfering Stations Included in above Scenario 2

28N WI SHEBOYGAN	BPCT	19960722KR	APP
30N IA DAVENPORT	BPET	19960710LA	APP
45N WI RICHLAND CENTER	BPCT	19960722KN	APP
29A IL CHICAGO	BLCDDT	20010531ACY	LIC
30A IL PEORIA	BMPCDDT	20060314ABP	CP
30A IN SOUTH BEND	DTVPLN	DTVP0786	PLN
30A WI LA CROSSE	BMLEDT	20041013AAL	LIC
34A WI MILWAUKEE	DTVPLN	DTVP0960	PLN

44A WI FOND DU LAC BMPCDT 20040209ABG CP

After Analysis

Results for: 30N WI MILWAUKEE	BLCT	19830119KI	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1871583	15982.0	
not affected by terrain losses	1868847	15900.6	
lost to NTSC IX	50046	1217.5	
lost to additional IX by ATV	15007	101.0	
lost to all IX	65053	1318.4	

Potential Interfering Stations Included in above Scenario 2

28N WI SHEBOYGAN	BPCT	19960722KR	APP
30N IA DAVENPORT	BPET	19960710LA	APP
45N WI RICHLAND CENTER	BPCT	19960722KN	APP
29A IL CHICAGO	BLCDDT	20010531ACY	LIC
30A IL PEORIA	BMPCDDT	20060314ABP	CP
30A IN SOUTH BEND	DTVPLN	DTVP0786	PLN
30A WI LA CROSSE	BMLEDT	20041013AAL	LIC
34A WI MILWAUKEE	DTVPLN	DTVP0960	PLN
44A WI FOND DU LAC	BMPCDDT	20040209ABG	CP
29N WI SHEBOYGEN	USERRECORD01		APP

Result key: 6
Scenario 3 Affected station 3 WVCY-TV
Before Analysis

Results for: 30N WI MILWAUKEE	BLCT	19830119KI	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1871583	15982.0	
not affected by terrain losses	1868847	15900.6	
lost to NTSC IX	42524	983.2	
lost to additional IX by ATV	15287	119.6	
lost to all IX	57811	1102.8	

Potential Interfering Stations Included in above Scenario 3

28N WI SHEBOYGAN	BPCT	19960722KR	APP
30N IA DAVENPORT	BPET	19960710LA	APP
29A IL CHICAGO	BLCDDT	20010531ACY	LIC
30A IL PEORIA	BMPCDDT	20060314ABP	CP
30A IN SOUTH BEND	DTVPLN	DTVP0786	PLN
30A WI LA CROSSE	BMLEDT	20041013AAL	LIC
34A WI MILWAUKEE	DTVPLN	DTVP0960	PLN
44A WI FOND DU LAC	BMPCDDT	20040209ABG	CP

After Analysis

Results for: 30N WI MILWAUKEE	BLCT	19830119KI	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1871583	15982.0	
not affected by terrain losses	1868847	15900.6	
lost to NTSC IX	49692	1197.9	
lost to additional IX by ATV	15287	119.6	
lost to all IX	64979	1317.5	

Potential Interfering Stations Included in above Scenario 3

28N WI SHEBOYGAN	BPCT	19960722KR	APP
30N IA DAVENPORT	BPET	19960710LA	APP
29A IL CHICAGO	BLCDDT	20010531ACY	LIC
30A IL PEORIA	BMPCDDT	20060314ABP	CP
30A IN SOUTH BEND	DTVPLN	DTVP0786	PLN
30A WI LA CROSSE	BMLEDIT	20041013AAL	LIC
34A WI MILWAUKEE	DTVPLN	DTVP0960	PLN
44A WI FOND DU LAC	BMPCDDT	20040209ABG	CP
29N WI SHEBOYGEN	USERRECORD01		APP

Result key: 7
Scenario 4 Affected station 3 WVCY-TV
Before Analysis

Results for: 30N WI MILWAUKEE	BLCT	19830119KI	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1871583	15982.0	
not affected by terrain losses	1868847	15900.6	
lost to NTSC IX	40739	1014.6	
lost to additional IX by ATV	17242	98.0	
lost to all IX	57981	1112.6	

Potential Interfering Stations Included in above Scenario 4

28N WI SHEBOYGAN	BPCT	19960722KR	APP
30N IA DAVENPORT	BPCT	19961001KU	APP
45N WI RICHLAND CENTER	BPCT	19960722KN	APP
29A IL CHICAGO	BLCDDT	20010531ACY	LIC
30A IL PEORIA	BMPCDDT	20060314ABP	CP
30A IN SOUTH BEND	DTVPLN	DTVP0786	PLN
30A WI LA CROSSE	BMLEDIT	20041013AAL	LIC
34A WI MILWAUKEE	DTVPLN	DTVP0960	PLN
44A WI FOND DU LAC	BMPCDDT	20040209ABG	CP

After Analysis

Results for: 30N WI MILWAUKEE	BLCT	19830119KI	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1871583	15982.0	
not affected by terrain losses	1868847	15900.6	
lost to NTSC IX	47907	1229.2	
lost to additional IX by ATV	17242	98.0	
lost to all IX	65149	1327.3	

Potential Interfering Stations Included in above Scenario 4

28N WI SHEBOYGAN	BPCT	19960722KR	APP
30N IA DAVENPORT	BPCT	19961001KU	APP
45N WI RICHLAND CENTER	BPCT	19960722KN	APP
29A IL CHICAGO	BLCDDT	20010531ACY	LIC
30A IL PEORIA	BMPCDDT	20060314ABP	CP
30A IN SOUTH BEND	DTVPLN	DTVP0786	PLN
30A WI LA CROSSE	BMLEDIT	20041013AAL	LIC
34A WI MILWAUKEE	DTVPLN	DTVP0960	PLN

44A WI FOND DU LAC BMPCDT 20040209ABG CP
29N WI SHEBOYGEN USERRECORD01 APP

Result key: 8
Scenario 5 Affected station 3 WVCY-TV
Before Analysis

Results for: 30N WI MILWAUKEE BLCT 19830119KI LIC

	POPULATION	AREA (sq km)
within Noise Limited Contour	1871583	15982.0
not affected by terrain losses	1868847	15900.6
lost to NTSC IX	40337	994.0
lost to additional IX by ATV	17570	117.6
lost to all IX	57907	1111.6

Potential Interfering Stations Included in above Scenario 5

28N WI SHEBOYGAN	BPCT	19960722KR	APP
30N IA DAVENPORT	BPCT	19961001KU	APP
29A IL CHICAGO	BLC DT	20010531AC	LIC
30A IL PEORIA	BMPCDT	20060314AB	CP
30A IN SOUTH BEND	DTVPLN	DTVP0786	PLN
30A WI LA CROSSE	BMLED T	20041013AAL	LIC
34A WI MILWAUKEE	DTVPLN	DTVP0960	PLN
44A WI FOND DU LAC	BMPCDT	20040209ABG	CP

After Analysis

Results for: 30N WI MILWAUKEE BLCT 19830119KI LIC

	POPULATION	AREA (sq km)
within Noise Limited Contour	1871583	15982.0
not affected by terrain losses	1868847	15900.6
lost to NTSC IX	47505	1208.6
lost to additional IX by ATV	17570	117.6
lost to all IX	65075	1326.3

Potential Interfering Stations Included in above Scenario 5

28N WI SHEBOYGAN	BPCT	19960722KR	APP
30N IA DAVENPORT	BPCT	19961001KU	APP
29A IL CHICAGO	BLC DT	20010531AC	LIC
30A IL PEORIA	BMPCDT	20060314AB	CP
30A IN SOUTH BEND	DTVPLN	DTVP0786	PLN
30A WI LA CROSSE	BMLED T	20041013AAL	LIC
34A WI MILWAUKEE	DTVPLN	DTVP0960	PLN
44A WI FOND DU LAC	BMPCDT	20040209ABG	CP
29N WI SHEBOYGEN	USERRECORD01		APP

Result key: 9
Scenario 6 Affected station 3 WVCY-TV
Before Analysis

Results for: 30N WI MILWAUKEE BLCT 19830119KI LIC

	POPULATION	AREA (sq km)
within Noise Limited Contour	1871583	15982.0
not affected by terrain losses	1868847	15900.6
lost to NTSC IX	40513	1003.8

lost to additional IX by ATV	17419	101.0
lost to all IX	57932	1104.7

Potential Interfering Stations Included in above Scenario 6

28N WI SHEBOYGAN	BPCT	19960722KR	APP
30N IA DAVENPORT	BPET	19960508KF	APP
45N WI RICHLAND CENTER	BPCT	19960722KN	APP
29A IL CHICAGO	BLCDDT	20010531ACY	LIC
30A IL PEORIA	BMPCDDT	20060314ABP	CP
30A IN SOUTH BEND	DTVPLN	DTVP0786	PLN
30A WI LA CROSSE	BMLEDT	20041013AAL	LIC
34A WI MILWAUKEE	DTVPLN	DTVP0960	PLN
44A WI FOND DU LAC	BMPCDDT	20040209ABG	CP

After Analysis

Results for: 30N WI MILWAUKEE	BLCT	19830119KI	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1871583	15982.0	
not affected by terrain losses	1868847	15900.6	
lost to NTSC IX	47681	1218.4	
lost to additional IX by ATV	17419	101.0	
lost to all IX	65100	1319.4	

Potential Interfering Stations Included in above Scenario 6

28N WI SHEBOYGAN	BPCT	19960722KR	APP
30N IA DAVENPORT	BPET	19960508KF	APP
45N WI RICHLAND CENTER	BPCT	19960722KN	APP
29A IL CHICAGO	BLCDDT	20010531ACY	LIC
30A IL PEORIA	BMPCDDT	20060314ABP	CP
30A IN SOUTH BEND	DTVPLN	DTVP0786	PLN
30A WI LA CROSSE	BMLEDT	20041013AAL	LIC
34A WI MILWAUKEE	DTVPLN	DTVP0960	PLN
44A WI FOND DU LAC	BMPCDDT	20040209ABG	CP
29N WI SHEBOYGEN	USERRECORD01		APP

Result key: 10

Scenario 7 Affected station 3 WVCY-TV

Before Analysis

Results for: 30N WI MILWAUKEE	BLCT	19830119KI	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1871583	15982.0	
not affected by terrain losses	1868847	15900.6	
lost to NTSC IX	40159	983.2	
lost to additional IX by ATV	17699	120.6	
lost to all IX	57858	1103.8	

Potential Interfering Stations Included in above Scenario 7

28N WI SHEBOYGAN	BPCT	19960722KR	APP
30N IA DAVENPORT	BPET	19960508KF	APP
29A IL CHICAGO	BLCDDT	20010531ACY	LIC
30A IL PEORIA	BMPCDDT	20060314ABP	CP
30A IN SOUTH BEND	DTVPLN	DTVP0786	PLN

30A WI LA CROSSE	BMLEDT	20041013AAL	LIC
34A WI MILWAUKEE	DTVPLN	DTVP0960	PLN
44A WI FOND DU LAC	BMPCDT	20040209ABG	CP

After Analysis

Results for: 30N WI MILWAUKEE	BLCT	19830119KI	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1871583	15982.0	
not affected by terrain losses	1868847	15900.6	
lost to NTSC IX	47327	1197.9	
lost to additional IX by ATV	17699	120.6	
lost to all IX	65026	1318.4	

Potential Interfering Stations Included in above Scenario 7

28N WI SHEBOYGAN	BPCT	19960722KR	APP
30N IA DAVENPORT	BPET	19960508KF	APP
29A IL CHICAGO	BLCDDT	20010531ACY	LIC
30A IL PEORIA	BMPCDDT	20060314ABP	CP
30A IN SOUTH BEND	DTVPLN	DTVP0786	PLN
30A WI LA CROSSE	BMLEDT	20041013AAL	LIC
34A WI MILWAUKEE	DTVPLN	DTVP0960	PLN
44A WI FOND DU LAC	BMPCDDT	20040209ABG	CP
29N WI SHEBOYGEN	USERRECORD01		APP

Result key: 11
Scenario 8 Affected station 3 WVCY-TV
Before Analysis

Results for: 30N WI MILWAUKEE	BLCT	19830119KI	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1871583	15982.0	
not affected by terrain losses	1868847	15900.6	
lost to NTSC IX	40362	995.9	
lost to additional IX by ATV	17477	106.8	
lost to all IX	57839	1102.8	

Potential Interfering Stations Included in above Scenario 8

28N WI SHEBOYGAN	BPCT	19960722KR	APP
45N WI RICHLAND CENTER	BPCT	19960722KN	APP
29A IL CHICAGO	BLCDDT	20010531ACY	LIC
30A IL PEORIA	BMPCDDT	20060314ABP	CP
30A IN SOUTH BEND	DTVPLN	DTVP0786	PLN
30A WI LA CROSSE	BMLEDT	20041013AAL	LIC
34A WI MILWAUKEE	DTVPLN	DTVP0960	PLN
44A WI FOND DU LAC	BMPCDDT	20040209ABG	CP

After Analysis

Results for: 30N WI MILWAUKEE	BLCT	19830119KI	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1871583	15982.0	
not affected by terrain losses	1868847	15900.6	
lost to NTSC IX	47530	1210.6	
lost to additional IX by ATV	17477	106.8	

lost to all IX 65007 1317.5

Potential Interfering Stations Included in above Scenario 8

28N WI SHEBOYGAN	BPCT	19960722KR	APP
45N WI RICHLAND CENTER	BPCT	19960722KN	APP
29A IL CHICAGO	BLCDDT	20010531ACY	LIC
30A IL PEORIA	BMPCDDT	20060314ABP	CP
30A IN SOUTH BEND	DTVPLN	DTVP0786	PLN
30A WI LA CROSSE	BMLEDT	20041013AAL	LIC
34A WI MILWAUKEE	DTVPLN	DTVP0960	PLN
44A WI FOND DU LAC	BMPCDDT	20040209ABG	CP
29N WI SHEBOYGEN	USERRECORD01		APP

Result key: 12
Scenario 9 Affected station 3 WVCY-TV
Before Analysis

Results for: 30N WI MILWAUKEE	BLCT	19830119KI	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1871583	15982.0	
not affected by terrain losses	1868847	15900.6	
lost to NTSC IX	39952	971.4	
lost to additional IX by ATV	17813	130.4	
lost to all IX	57765	1101.8	

Potential Interfering Stations Included in above Scenario 9

28N WI SHEBOYGAN	BPCT	19960722KR	APP
29A IL CHICAGO	BLCDDT	20010531ACY	LIC
30A IL PEORIA	BMPCDDT	20060314ABP	CP
30A IN SOUTH BEND	DTVPLN	DTVP0786	PLN
30A WI LA CROSSE	BMLEDT	20041013AAL	LIC
34A WI MILWAUKEE	DTVPLN	DTVP0960	PLN
44A WI FOND DU LAC	BMPCDDT	20040209ABG	CP

After Analysis

Results for: 30N WI MILWAUKEE	BLCT	19830119KI	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1871583	15982.0	
not affected by terrain losses	1868847	15900.6	
lost to NTSC IX	47120	1186.1	
lost to additional IX by ATV	17813	130.4	
lost to all IX	64933	1316.5	

Potential Interfering Stations Included in above Scenario 9

28N WI SHEBOYGAN	BPCT	19960722KR	APP
29A IL CHICAGO	BLCDDT	20010531ACY	LIC
30A IL PEORIA	BMPCDDT	20060314ABP	CP
30A IN SOUTH BEND	DTVPLN	DTVP0786	PLN
30A WI LA CROSSE	BMLEDT	20041013AAL	LIC
34A WI MILWAUKEE	DTVPLN	DTVP0960	PLN
44A WI FOND DU LAC	BMPCDDT	20040209ABG	CP
29N WI SHEBOYGEN	USERRECORD01		APP

Result key: 13
Scenario 10 Affected station 3 WVCY-TV
Before Analysis

Results for: 30N WI MILWAUKEE	BLCT	19830119KI	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1871583	15982.0	
not affected by terrain losses	1868847	15900.6	
lost to NTSC IX	3165	49.0	
lost to additional IX by ATV	21221	247.0	
lost to all IX	24386	296.0	

Potential Interfering Stations Included in above Scenario 10

30N IA DAVENPORT	BPET	19960710LA	APP
45N WI RICHLAND CENTER	BPCT	19960722KN	APP
29A IL CHICAGO	BLCDDT	20010531ACY	LIC
30A IL PEORIA	BMPCDDT	20060314ABP	CP
30A IN SOUTH BEND	DTVPLN	DTVP0786	PLN
30A WI LA CROSSE	BMLEDCT	20041013AAL	LIC
34A WI MILWAUKEE	DTVPLN	DTVP0960	PLN
44A WI FOND DU LAC	BMPCDDT	20040209ABG	CP

After Analysis

Results for: 30N WI MILWAUKEE	BLCT	19830119KI	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1871583	15982.0	
not affected by terrain losses	1868847	15900.6	
lost to NTSC IX	11390	295.1	
lost to additional IX by ATV	21192	246.0	
lost to all IX	32582	541.1	

Potential Interfering Stations Included in above Scenario 10

30N IA DAVENPORT	BPET	19960710LA	APP
45N WI RICHLAND CENTER	BPCT	19960722KN	APP
29A IL CHICAGO	BLCDDT	20010531ACY	LIC
30A IL PEORIA	BMPCDDT	20060314ABP	CP
30A IN SOUTH BEND	DTVPLN	DTVP0786	PLN
30A WI LA CROSSE	BMLEDCT	20041013AAL	LIC
34A WI MILWAUKEE	DTVPLN	DTVP0960	PLN
44A WI FOND DU LAC	BMPCDDT	20040209ABG	CP
29N WI SHEBOYGEN	USERRECORD01		APP

Result key: 14
Scenario 11 Affected station 3 WVCY-TV
Before Analysis

Results for: 30N WI MILWAUKEE	BLCT	19830119KI	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1871583	15982.0	
not affected by terrain losses	1868847	15900.6	
lost to NTSC IX	2572	14.7	
lost to additional IX by ATV	21740	280.4	
lost to all IX	24312	295.1	

Potential Interfering Stations Included in above Scenario 11

30N IA DAVENPORT	BPET	19960710LA	APP
29A IL CHICAGO	BLCDDT	20010531ACY	LIC
30A IL PEORIA	BMPCDDT	20060314ABP	CP
30A IN SOUTH BEND	DTVPLN	DTVP0786	PLN
30A WI LA CROSSE	BMLEDCT	20041013AAL	LIC
34A WI MILWAUKEE	DTVPLN	DTVP0960	PLN
44A WI FOND DU LAC	BMPCDDT	20040209ABG	CP

After Analysis

Results for: 30N WI MILWAUKEE	BLCT	19830119KI	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1871583	15982.0	
not affected by terrain losses	1868847	15900.6	
lost to NTSC IX	10797	260.7	
lost to additional IX by ATV	21711	279.4	
lost to all IX	32508	540.1	

Potential Interfering Stations Included in above Scenario 11

30N IA DAVENPORT	BPET	19960710LA	APP
29A IL CHICAGO	BLCDDT	20010531ACY	LIC
30A IL PEORIA	BMPCDDT	20060314ABP	CP
30A IN SOUTH BEND	DTVPLN	DTVP0786	PLN
30A WI LA CROSSE	BMLEDCT	20041013AAL	LIC
34A WI MILWAUKEE	DTVPLN	DTVP0960	PLN
44A WI FOND DU LAC	BMPCDDT	20040209ABG	CP
29N WI SHEBOYGEN	USERRECORD01		APP

Result key: 15

Scenario 12 Affected station 3 WVCY-TV

Before Analysis

Results for: 30N WI MILWAUKEE	BLCT	19830119KI	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1871583	15982.0	
not affected by terrain losses	1868847	15900.6	
lost to NTSC IX	1026	58.8	
lost to additional IX by ATV	23456	246.0	
lost to all IX	24482	304.9	

Potential Interfering Stations Included in above Scenario 12

30N IA DAVENPORT	BPCT	19961001KU	APP
45N WI RICHLAND CENTER	BPCT	19960722KN	APP
29A IL CHICAGO	BLCDDT	20010531ACY	LIC
30A IL PEORIA	BMPCDDT	20060314ABP	CP
30A IN SOUTH BEND	DTVPLN	DTVP0786	PLN
30A WI LA CROSSE	BMLEDCT	20041013AAL	LIC
34A WI MILWAUKEE	DTVPLN	DTVP0960	PLN
44A WI FOND DU LAC	BMPCDDT	20040209ABG	CP

After Analysis

Results for: 30N WI MILWAUKEE	BLCT	19830119KI	LIC
-------------------------------	------	------------	-----

	POPULATION	AREA (sq km)
within Noise Limited Contour	1871583	15982.0
not affected by terrain losses	1868847	15900.6
lost to NTSC IX	9251	304.9
lost to additional IX by ATV	23427	245.1
lost to all IX	32678	549.9

Potential Interfering Stations Included in above Scenario 12

30N IA DAVENPORT	BPCT	19961001KU	APP
45N WI RICHLAND CENTER	BPCT	19960722KN	APP
29A IL CHICAGO	BLCDDT	20010531ACY	LIC
30A IL PEORIA	BMPCDDT	20060314ABP	CP
30A IN SOUTH BEND	DTVPLN	DTVP0786	PLN
30A WI LA CROSSE	BMLEDCT	20041013AAL	LIC
34A WI MILWAUKEE	DTVPLN	DTVP0960	PLN
44A WI FOND DU LAC	BMPCDDT	20040209ABG	CP
29N WI SHEBOYGEN	USERRECORD01		APP

Result key: 16

Scenario 13 Affected station 3 WVCY-TV

Before Analysis

Results for: 30N WI MILWAUKEE BLCT 19830119KI LIC

	POPULATION	AREA (sq km)
within Noise Limited Contour	1871583	15982.0
not affected by terrain losses	1868847	15900.6
lost to NTSC IX	385	23.5
lost to additional IX by ATV	24023	280.4
lost to all IX	24408	303.9

Potential Interfering Stations Included in above Scenario 13

30N IA DAVENPORT	BPCT	19961001KU	APP
29A IL CHICAGO	BLCDDT	20010531ACY	LIC
30A IL PEORIA	BMPCDDT	20060314ABP	CP
30A IN SOUTH BEND	DTVPLN	DTVP0786	PLN
30A WI LA CROSSE	BMLEDCT	20041013AAL	LIC
34A WI MILWAUKEE	DTVPLN	DTVP0960	PLN
44A WI FOND DU LAC	BMPCDDT	20040209ABG	CP

After Analysis

Results for: 30N WI MILWAUKEE BLCT 19830119KI LIC

	POPULATION	AREA (sq km)
within Noise Limited Contour	1871583	15982.0
not affected by terrain losses	1868847	15900.6
lost to NTSC IX	8610	269.6
lost to additional IX by ATV	23994	279.4
lost to all IX	32604	548.9

Potential Interfering Stations Included in above Scenario 13

30N IA DAVENPORT	BPCT	19961001KU	APP
29A IL CHICAGO	BLCDDT	20010531ACY	LIC
30A IL PEORIA	BMPCDDT	20060314ABP	CP
30A IN SOUTH BEND	DTVPLN	DTVP0786	PLN

30A WI LA CROSSE	BMLEDT	20041013AAL	LIC
34A WI MILWAUKEE	DTVPLN	DTVP0960	PLN
44A WI FOND DU LAC	BMPCDT	20040209ABG	CP
29N WI SHEBOYGEN	USERRECORD01		APP

Result key: 17
Scenario 14 Affected station 3 WVCY-TV
Before Analysis

Results for: 30N WI MILWAUKEE	BLCT	19830119KI	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1871583	15982.0	
not affected by terrain losses	1868847	15900.6	
lost to NTSC IX	800	49.0	
lost to additional IX by ATV	23633	248.0	
lost to all IX	24433	297.0	

Potential Interfering Stations Included in above Scenario 14

30N IA DAVENPORT	BPET	19960508KF	APP
45N WI RICHLAND CENTER	BPCT	19960722KN	APP
29A IL CHICAGO	BLCDT	20010531ACY	LIC
30A IL PEORIA	BMPCDT	20060314ABP	CP
30A IN SOUTH BEND	DTVPLN	DTVP0786	PLN
30A WI LA CROSSE	BMLEDT	20041013AAL	LIC
34A WI MILWAUKEE	DTVPLN	DTVP0960	PLN
44A WI FOND DU LAC	BMPCDT	20040209ABG	CP

After Analysis

Results for: 30N WI MILWAUKEE	BLCT	19830119KI	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1871583	15982.0	
not affected by terrain losses	1868847	15900.6	
lost to NTSC IX	9025	295.1	
lost to additional IX by ATV	23604	247.0	
lost to all IX	32629	542.1	

Potential Interfering Stations Included in above Scenario 14

30N IA DAVENPORT	BPET	19960508KF	APP
45N WI RICHLAND CENTER	BPCT	19960722KN	APP
29A IL CHICAGO	BLCDT	20010531ACY	LIC
30A IL PEORIA	BMPCDT	20060314ABP	CP
30A IN SOUTH BEND	DTVPLN	DTVP0786	PLN
30A WI LA CROSSE	BMLEDT	20041013AAL	LIC
34A WI MILWAUKEE	DTVPLN	DTVP0960	PLN
44A WI FOND DU LAC	BMPCDT	20040209ABG	CP
29N WI SHEBOYGEN	USERRECORD01		APP

Result key: 18
Scenario 15 Affected station 3 WVCY-TV
Before Analysis

Results for: 30N WI MILWAUKEE	BLCT	19830119KI	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1871583	15982.0	

not affected by terrain losses	1868847	15900.6
lost to NTSC IX	207	13.7
lost to additional IX by ATV	24152	282.3
lost to all IX	24359	296.0

Potential Interfering Stations Included in above Scenario 15

30N IA DAVENPORT	BPET	19960508KF	APP
29A IL CHICAGO	BLCDDT	20010531ACY	LIC
30A IL PEORIA	BMPCDDT	20060314ABP	CP
30A IN SOUTH BEND	DTVPLN	DTVP0786	PLN
30A WI LA CROSSE	BMLEDT	20041013AAL	LIC
34A WI MILWAUKEE	DTVPLN	DTVP0960	PLN
44A WI FOND DU LAC	BMPCDDT	20040209ABG	CP

After Analysis

Results for: 30N WI MILWAUKEE	BLCT	19830119KI	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1871583	15982.0	
not affected by terrain losses	1868847	15900.6	
lost to NTSC IX	8432	259.8	
lost to additional IX by ATV	24123	281.3	
lost to all IX	32555	541.1	

Potential Interfering Stations Included in above Scenario 15

30N IA DAVENPORT	BPET	19960508KF	APP
29A IL CHICAGO	BLCDDT	20010531ACY	LIC
30A IL PEORIA	BMPCDDT	20060314ABP	CP
30A IN SOUTH BEND	DTVPLN	DTVP0786	PLN
30A WI LA CROSSE	BMLEDT	20041013AAL	LIC
34A WI MILWAUKEE	DTVPLN	DTVP0960	PLN
44A WI FOND DU LAC	BMPCDDT	20040209ABG	CP
29N WI SHEBOYGEN	USERRECORD01		APP

Result key: 19

Scenario 16 Affected station 3 WVCY-TV

Before Analysis

Results for: 30N WI MILWAUKEE	BLCT	19830119KI	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1871583	15982.0	
not affected by terrain losses	1868847	15900.6	
lost to NTSC IX	649	40.2	
lost to additional IX by ATV	23691	254.9	
lost to all IX	24340	295.1	

Potential Interfering Stations Included in above Scenario 16

45N WI RICHLAND CENTER	BPCT	19960722KN	APP
29A IL CHICAGO	BLCDDT	20010531ACY	LIC
30A IL PEORIA	BMPCDDT	20060314ABP	CP
30A IN SOUTH BEND	DTVPLN	DTVP0786	PLN
30A WI LA CROSSE	BMLEDT	20041013AAL	LIC
34A WI MILWAUKEE	DTVPLN	DTVP0960	PLN
44A WI FOND DU LAC	BMPCDDT	20040209ABG	CP

After Analysis

Results for: 30N WI MILWAUKEE	BLCT	19830119KI	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1871583	15982.0	
not affected by terrain losses	1868847	15900.6	
lost to NTSC IX	8874	286.2	
lost to additional IX by ATV	23662	253.9	
lost to all IX	32536	540.1	

Potential Interfering Stations Included in above Scenario 16

45N WI RICHLAND CENTER	BPCT	19960722KN	APP
29A IL CHICAGO	BLCDDT	20010531ACY	LIC
30A IL PEORIA	BMPCDDT	20060314ABP	CP
30A IN SOUTH BEND	DTVPLN	DTVP0786	PLN
30A WI LA CROSSE	BMLEDCT	20041013AAL	LIC
34A WI MILWAUKEE	DTVPLN	DTVP0960	PLN
44A WI FOND DU LAC	BMPCDDT	20040209ABG	CP
29N WI SHEBOYGEN	USERRECORD01		APP

Result key: 20
Scenario 17 Affected station 3 WVCY-TV
Before Analysis

Results for: 30N WI MILWAUKEE	BLCT	19830119KI	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1871583	15982.0	
not affected by terrain losses	1868847	15900.6	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	24266	294.1	
lost to all IX	24266	294.1	

Potential Interfering Stations Included in above Scenario 17

29A IL CHICAGO	BLCDDT	20010531ACY	LIC
30A IL PEORIA	BMPCDDT	20060314ABP	CP
30A IN SOUTH BEND	DTVPLN	DTVP0786	PLN
30A WI LA CROSSE	BMLEDCT	20041013AAL	LIC
34A WI MILWAUKEE	DTVPLN	DTVP0960	PLN
44A WI FOND DU LAC	BMPCDDT	20040209ABG	CP

After Analysis

Results for: 30N WI MILWAUKEE	BLCT	19830119KI	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1871583	15982.0	
not affected by terrain losses	1868847	15900.6	
lost to NTSC IX	8225	246.0	
lost to additional IX by ATV	24237	293.1	
lost to all IX	32462	539.1	

Potential Interfering Stations Included in above Scenario 17

29A IL CHICAGO	BLCDDT	20010531ACY	LIC
30A IL PEORIA	BMPCDDT	20060314ABP	CP

30A IN SOUTH BEND	DTVPLN	DTVP0786	PLN
30A WI LA CROSSE	BMLED	20041013AAL	LIC
34A WI MILWAUKEE	DTVPLN	DTVP0960	PLN
44A WI FOND DU LAC	BMPCDT	20040209ABG	CP
29N WI SHEBOYGEN	USERRECORD01		APP

#####

Analysis of Interference to Affected Station 4

NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
36	WMVT	MILWAUKEE WI	DTVPLN	-NPLN1533

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
28	WTMJ-DT	MILWAUKEE WI	0.6	PLN	DTVPLN	-DTVP0733
29	WMAQ-DT	CHICAGO IL	137.1	PLN	DTVPLN	-DTVP0742
32	WJNW-DT	JANESVILLE WI	115.5	PLN	DTVPLN	-DTVP0889
33	WITI-DT	MILWAUKEE WI	1.0	PLN	DTVPLN	-DTVP0922
34	WISN-DT	MILWAUKEE WI	2.4	PLN	DTVPLN	-DTVP0960
35	WGVUTV	GRAND RAPIDS MI	164.0	PLN	DTVPLN	-NPLN1500
35	WMVT-DT	MILWAUKEE WI	0.0	PLN	DTVPLN	-DTVP0999
36	KQCT	DAVENPORT IA	280.1	PLN	DTVPLN	-NPLN1517
36	WFFT-DT	FORT WAYNE IN	314.2	PLN	DTVPLN	-DTVP1012
36	WJYS-DT	HAMMOND IN	171.9	PLN	DTVPLN	-DTVP1013
36	WJRT-DT	FLINT MI	312.1	PLN	DTVPLN	-DTVP1019
36	KTTC-DT	ROCHESTER MN	369.3	PLN	DTVPLN	-DTVP1021
36	WUPW	TOLEDO OH	399.7	PLN	DTVPLN	-NPLN1525
36	WLEFTV	PARK FALLS WI	368.1	PLN	DTVPLN	-NPLN1534
38	WCFCTV	CHICAGO IL	135.1	PLN	DTVPLN	-NPLN1541
39	WQRF-TV	ROCKFORD IL	136.4	PLN	DTVPLN	-NPLN1562
40	WHKE-DT	KENOSHA WI	37.7	PLN	DTVPLN	-DTVP1146
43	WCFC-DT	CHICAGO IL	135.1	PLN	DTVPLN	-DTVP1225
43	WWSR-DT	MAYVILLE WI	62.9	PLN	DTVPLN	-DTVP1251
44	WSNS	CHICAGO IL	135.1	PLN	DTVPLN	-NPLN1660
44	WMMF-DT	FOND DU LAC WI	85.5	PLN	DTVPLN	-DTVP1287
50	WPWRTV	GARY IN	137.1	PLN	DTVPLN	-NPLN1774
50	WISC-DT	MADISON WI	132.4	PLN	DTVPLN	-DTVP1466
51	WPWR-DT	GARY IN	137.1	PLN	DTVPLN	-DTVP1478

Results for: 36N WI MILWAUKEE	DTVPLN	NPLN1533	PLN
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1877946	14687.5	
not affected by terrain losses	1875641	14615.0	
lost to NTSC IX	243	1.0	
lost to additional IX by ATV	12966	102.9	
lost to all IX	13209	103.9	

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
36	WMVT	MILWAUKEE WI	BLET	-20050623ABQ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
28	WTMJ-DT	MILWAUKEE WI	0.6	PLN	DTVPLN	-DTVP0733
28	960722KR	SHEBOYGAN WI	50.7	APP	BPCT	-19960722KR
29	WMAQ-TV	CHICAGO IL	137.1	LIC	BLCDDT	-20010531ACY
29	WMAQ-DT	CHICAGO IL	137.1	PLN	DTVPLN	-DTVP0742
32	WJNW-DT	JANESVILLE WI	115.6	PLN	DTVPLN	-DTVP0889
32	WBUW	JANESVILLE WI	128.6	LIC	BLCDDT	-20040930BHL
33	WITI-DT	MILWAUKEE WI	0.9	PLN	DTVPLN	-DTVP0922
34	WISN-DT	MILWAUKEE WI	2.5	PLN	DTVPLN	-DTVP0960
35	WGVU-TV	GRAND RAPIDS MI	163.9	LIC	BMLET	-19911016KH
35	WMVT	MILWAUKEE WI	0.0	CP MOD	BMPCDT	-20040618AAN
35	WMVT-DT	MILWAUKEE WI	0.1	PLN	DTVPLN	-DTVP0999
36	KQIN	DAVENPORT IA	280.1	LIC	BLET	-19911230KE
36	NEW	SPRINGFIELD IL	388.2	APP	BNPCDT	-20030922ADE
36	960129KH	SPRINGFIELD IL	406.7	APP	BPEDT	-19960129KH
36	WFFT-DT	FORT WAYNE IN	314.1	PLN	DTVPLN	-DTVP1012
36	WFFT-TV	FT. WAYNE IN	314.1	CP	BPCDDT	-19991029ADC
36	WFFT-TV	FT. WAYNE IN	314.1	APP	BMPCDT	-20070125ACY
36	WJYS	HAMMOND IN	137.1	LIC	BLCDDT	-20020801ABI
36	WJYS-DT	HAMMOND IN	171.8	PLN	DTVPLN	-DTVP1013
36	WJRT-DT	FLINT MI	312.0	PLN	DTVPLN	-DTVP1019
36	KTTC-DT	ROCHESTER MN	369.4	PLN	DTVPLN	-DTVP1021
36	KTTC	ROCHESTER MN	378.3	CP MOD	BMPCDT	-20060316AJH
36	WUPW	TOLEDO OH	399.6	LIC	BLCT	-19850930KG
36	WLEF-TV	PARK FALLS WI	368.1	APP	BSTA	-20060609AAE
36	WLEF-TV	PARK FALLS WI	368.1	LIC	BMLET	-20031211AAB
38	WCPX	CHICAGO IL	137.1	LIC	BLCT	-20050715ACC
39	WQRF-TV	ROCKFORD IL	136.4	LIC	BLCT	-19960402KE
39	WFRV-DT	GREEN BAY WI	137.7	LIC	BPRM	-20010806ACL
39	WFRV-TV	GREEN BAY WI	137.7	LIC	BLCDDT	-20051004ABD
40	WHKE-DT	KENOSHA WI	37.6	PLN	DTVPLN	-DTVP1146
40	WPXE	KENOSHA WI	0.1	LIC	BLCDDT	-20040206AAT
43	WCPX	CHICAGO IL	137.1	LIC	BLCDDT	-20010226ABH
43	WCFC-DT	CHICAGO IL	135.1	PLN	DTVPLN	-DTVP1225
43	WWSR-DT	MAYVILLE WI	63.0	PLN	DTVPLN	-DTVP1251
43	WWSR-TV	MAYVILLE WI	63.0	CP MOD	BMPCDT	-20041005ADD
44	WSNS-TV	CHICAGO IL	137.1	LIC	BLCT	-20000110AAU
44	WWAZ-TV	FOND DU LAC WI	63.0	CP MOD	BMPCDT	-20040209ABG
44	WMMF-DT	FOND DU LAC WI	85.6	PLN	DTVPLN	-DTVP1287
50	WPWR-TV	GARY IN	137.1	LIC	BLCT	-19870128KL
50	NEW	GREEN BAY WI	157.7	ADD	BPRM	-20000717ACL
50	WISC-DT	MADISON WI	132.5	PLN	DTVPLN	-DTVP1466
50	WISC-TV	MADISON WI	132.5	CP	BPCDDT	-19991027ABG
51	WPWR-DT	GARY IN	137.1	PLN	DTVPLN	-DTVP1478
51	WPWR-TV	GARY IN	137.1	CP	BPCDDT	-19991101ALA
51	WLUK-TV	GREEN BAY WI	137.7	LIC	BLCDDT	-20050527APR
29	W16BS	SHEBOYGEN WI	47.2	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.
29 W16BS SHEBOYGEN WI USERRECORD-01

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
21	WIWB	SURING WI	90.4	LIC	BLCDDT -20040521ADD
21	WSCO-DT	SURING WI	137.2	PLN	DTVPLN -DTVP0463
22	960920YL	GREEN BAY WI	110.4	APP	BPCT -19960920YL
22	WVCY-TV	MILWAUKEE WI	47.2	CP MOD	BMPCDDT -20050422AAZ
22	WVCY-DT	MILWAUKEE WI	48.2	PLN	DTVPLN -DTVP0510
25	WCGV-TV	MILWAUKEE WI	47.3	CP MOD	BMPCDDT -20010920AAK
25	WCGV-DT	MILWAUKEE WI	48.2	PLN	DTVPLN -DTVP0625
26	WKOW-TV	MADISON WI	139.3	CP	BPCDDT -20000501AEY
26	WKOW-DT	MADISON WI	139.3	PLN	DTVPLN -DTVP0659
27	WACY	APPLETON WI	93.2	CP MOD	BMPCDDT -20061114ABU
27	WACY-TV	APPLETON WI	93.2	LIC	BPRM -20020208ABN
28	WTMJ-DT	MILWAUKEE WI	47.8	PLN	DTVPLN -DTVP0733
28	960722KR	SHEBOYGAN WI	24.1	APP	BPCT -19960722KR
29	960920IP	DUBUQUE IA	254.9	APP	BPET -19960920IP
29	WMAQ-TV	CHICAGO IL	184.1	LIC	BLCDDT -20010531ACY
29	WMAQ-DT	CHICAGO IL	184.1	PLN	DTVPLN -DTVP0742
29	WTTK	KOKOMO IN	389.8	LIC	BLCT -19880523KI
29	WUHQ-LP	GRAND RAPIDS MI	191.9	LIC	BLTTTL -20030404AAA
29	WGTU	TRAVERSE CITY MI	266.3	LIC	BLCT -20041012AIJ
29	WAOW-DT	WAUSAU WI	209.2	PLN	DTVPLN -DTVP0772
30	WVCY-TV	MILWAUKEE WI	48.2	LIC	BLCT -19830119KI
32	WJNW-DT	JANESVILLE WI	137.1	PLN	DTVPLN -DTVP0889
32	WBUW	JANESVILLE WI	135.9	LIC	BLCDDT -20040930BHL
33	WITI-DT	MILWAUKEE WI	48.0	PLN	DTVPLN -DTVP0922
43	WWRD-DT	MAYVILLE WI	48.5	PLN	DTVPLN -DTVP1251
43	WWRD-TV	MAYVILLE WI	48.5	CP MOD	BMPCDDT -20041005ADD
44	WWAZ-TV	FOND DU LAC WI	48.3	CP MOD	BMPCDDT -20040209ABG
44	WMMF-DT	FOND DU LAC WI	79.4	PLN	DTVPLN -DTVP1287
44	960920YF	GREEN BAY WI	110.5	APP	BPCT -19960920YF

Total scenarios = 3

Result key: 21
Scenario 1 Affected station 5 W16BS
Before Analysis

Results for: 29N WI SHEBOYGEN	USERRECORD01	APP
	POPULATION	AREA (sq km)
within Noise Limited Contour	29404	824.5
not affected by terrain losses	29404	824.5
lost to NTSC IX	3868	45.8
lost to additional IX by ATV	0	0.0
lost to all IX	3868	45.8

Potential Interfering Stations Included in above Scenario 1

30N WI MILWAUKEE	BLCT	19830119KI	LIC
28A WI MILWAUKEE	DTVPLN	DTVP0733	PLN

Result key: 22

Scenario 2 Affected station 5 W16BS
Before Analysis

Results for: 29N WI SHEBOYGEN	USERRECORD01	APP
	POPULATION	AREA (sq km)
within Noise Limited Contour	29404	824.5
not affected by terrain losses	29404	824.5
lost to NTSC IX	26156	723.9
lost to additional IX by ATV	0	0.0
lost to all IX	26156	723.9

Potential Interfering Stations Included in above Scenario 2

28N WI SHEBOYGAN	BPCT	19960722KR	APP
30N WI MILWAUKEE	BLCT	19830119KI	LIC
28A WI MILWAUKEE	DTVPLN	DTVP0733	PLN

Result key: 23
Scenario 3 Affected station 5 W16BS
Before Analysis

Results for: 29N WI SHEBOYGEN	USERRECORD01	APP
	POPULATION	AREA (sq km)
within Noise Limited Contour	29404	824.5
not affected by terrain losses	29404	824.5
lost to NTSC IX	3868	45.8
lost to additional IX by ATV	0	0.0
lost to all IX	3868	45.8

Potential Interfering Stations Included in above Scenario 3

30N WI MILWAUKEE	BLCT	19830119KI	LIC
28A WI MILWAUKEE	DTVPLN	DTVP0733	PLN

Proposal fails scenario 2 received IX increased to 87.3%

Proposed station is MX
29N WI SHEBOYGEN USERRECORD01 APP

Proposal MX with group in scenario 2 of station 5

#####

FINISHED FINISHED FINISHED FINISHED FINISHED FINISHED

Summary of Calculations

1	28 WTMJ-TV	MILWAUKEE	WI	LIC	BLCDT	-20001218ACR	
2	29 WMAQ-TV	CHICAGO	IL	LIC	BLCDT	-20010531ACY	
3	30 WVCY-TV	MILWAUKEE	WI	LIC	BLCT	-19830119KI	
4	36 WMVT	MILWAUKEE	WI	LIC	BLET	-20050623ABQ	
5	29 W16BS	SHEBOYGEN	WI	APP	USERRECORD-01		
Result Key	Scenario	Affected Station	Before	After	Baseline	Net Change	Percentage
There is no interference to station 1							
1	1	2	37,460	37,495	8,519,822	35	0
4	1	3	24,266	32,462	1,871,583	8196	0.438
There is no interference to station 4							

