

ENGINEERING STATEMENT
IN SUPPORT OF A NEW REPLACEMENT
DIGITAL LOW POWER TV TRANSLATOR FOR
WWTV, CADILLAC, MICHIGAN AT
TRAVERSE CITY, MICHIGAN

AUGUST 2009

This engineering statement has been prepared on behalf of Heritage Broadcasting Company of Michigan, permittee TV station WWTW, Cadillac, Michigan and is in support of an application for a new replacement digital low power TV Translator.

At present WWTW, Facility ID Number 26994, is authorized (BMPCDT-20090727ADJ) to operate its digital TV facility on Channel 9 (186-192 MHz) with 45 kW effective radiated power (ERP) and 497 meters antenna height above mean sea level using a non-directional TV antenna. WWTW's analog TV operation was also on Channel 9 with 316 kW ERP and 497 meters HAAT. Subsequent to TV station's conversion to digital TV operation WWTW has received numerous complaints from viewers who used to receive analog TV picture but are unable to receive digital TV reception. Most of these viewers are located in Traverse City, Michigan and surrounding area. Therefore, WWTW is requesting a new replacement digital low power TV Translator at Traverse City, Michigan to provide TV service lost due to conversion from analog to digital. The proposed TV Translator would operate on Channel 40 (626-632 MHz) with 15 kW ERP and 419.7 meters antenna radiation center above mean sea level from an existing tower located in Traverse City, Michigan.

The attached map (Figure 1) shows locations of the viewers who have problems receiving the WWTW digital TV. Figure 1 also shows WWTW's analog TV Grade B (56 dBu), digital TV noise limited (36 dBu) and the proposed TV Translator's 51 dBu contours. Figure 1 indicates the proposed TV Translator would provide digital TV service to most of the viewers experiencing loss of TV picture due to conversion.

The proposed TV Translator's 51 dBu contour would extend slightly beyond the WWTW's 36 dBu contour over Leelanau Island. According to 2000 census of the United States Leelanau Island has no habitant population. Therefore, it is believed the proposed TV Translator would not result in extension of the WWTW service area.

The following information provides pertinent data for the proposed replacement digital low power TV operation.

Name of the Licensee:	Heritage Broadcasting Company of Michigan			
Station Location:	MI-Traverse City			
Channel:	40			
Hours of Operation:	Unlimited			
Antenna Type:	PSI, Non-Directional, PSILP8-OI			
Antenna Coordinates:	North Latitude:	44 deg	45 min	37 sec
	West Longitude:	85 deg	40 min	58 sec
Maximum effective radiated power (Average):	15 kW 11.76 dBk			
Transmitter Output Power:	1.85 kW			
Elevation of the site above mean sea level:	331.3 meters			
Overall height of the tower above ground:	179.8 meters			
Height of radiation center above ground (meters):	88.4 meters			
Height of radiation center above mean sea level (meters):	419.7 meters			
Antenna Structure Registration Number:	1061421			

An interference study conducted (see attached Table I) according to the FCC OET Bulletin 69 indicates the proposed low power TV Translator on Channel 40 would not

cause any interference to other DTV or LPTV stations exceeding the Commission's guidelines.

The attached environmental statement demonstrates that there will not be any significant environmental impact from the proposed LPTV operation in accordance with 47 C.F.R. Section 73.1307.

The proposed TV Translator station complies with Section 73.1030 of the Commission's rules; therefore, notification to radio astronomy installations, radio receiving installations and FCC monitoring stations is not required.

The proposed TV Translator station would be operating from an existing tower which is registered (ASR No. 1061421) by the Commission and no changes are proposed to require a modification in the registration.

TABLE I

Census data selected: 2000

Post DTV Transition Database Selected

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 08-13-2009 Time: 11:13:06

Record Selected for Analysis

NEW USERRECORD-01 TRAVERSE CITY MI US
 Channel 40 ERP 15. kW HAAT 183. m RCAMSL 00420 m STRINGENT MASK
 Latitude 044-45-37 Longitude 0085-40-58
 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	181.6	48.7
45.0	15.000	238.7	52.0
90.0	15.000	234.7	51.8
135.0	15.000	170.8	48.1
180.0	15.000	146.2	46.5
225.0	15.000	158.8	47.3
270.0	15.000	152.2	46.9
315.0	15.000	201.6	49.9

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 = 198.3km

Proposed facility is beyond the Mexican coordination distance

Proposed station is OK toward AM broadcast stations

Start of Interference Analysis

Proposed Station

KHANNA & GULL, Inc. – Consulting Engineers

Channel	Call	City/State	ARN
40	NEW	TRAVERSE CITY MI	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
25	W25CD	PETOSKEY MI	98.2	LIC	BLTTL	-20071220ABQ
25	W25CU	TRAVERSE CITY MI	0.6	LIC	BLTTL	-20010802AAI
26	WHDA-LP	ST. IGNACE MI	140.9	CP	BNPTTL	-20000831BAP
32	W32DL	CHEBOYGAN MI	124.4	CP	BNPTTL	-20000828AOR
36	W36CE	HOUGHTON LAKE MI	90.9	LIC	BLTTL	-20001219ACD
36	W36CD	PETOSKEY MI	98.2	LIC	BLTTL	-20071220ABS
36	W36BZ	TRAVERSE CITY MI	1.5	APP	BLTTL	-20001213AEG
39	W39CB	PETOSKEY MI	98.2	LIC	BLTTL	-20071220ABV
39	WFRV-TV	GREEN BAY WI	188.2	LIC	BLCDT	-20051004ABD
40	W40BY	PALATINE IL	357.1	LIC	BLTT	-20060419ACR
40	W40CN	SUGAR GROVE IL	398.7	CP	BP TTL	-20070301ABR
40	W40CN	SUGAR GROVE IL	398.7	CP	BP TTL	-20041202ACN
40	WHCH-LD	CHESTERTON IN	375.9	LIC	BLDTL	-20070822AAF
40	NEW	DETROIT MI	343.5	APP	BDCCDTL	-20061027ACH
40	WKAR-TV	EAST LANSING MI	250.5	CP MOD	BMPEDT	-20080620AIJ
40	W40AN-D	ESCANABA MI	158.8	LIC	BLDTT	-20090512AAJ
40	W40AN-D	ESCANABA MI	158.8	APP	BSTA	-20060320AFT
40	W67CS	SAULT ST MARIE, MI	212.6	APP	BDISDTL	-20090429AAW
40	WPXE-TV	KENOSHA WI	256.6	LIC	BLCDT	-20040206AAT
40	W40BC	WHITING WI	316.1	LIC	BLTTL	-20001213AAI
41	NEW	CHEBOYGAN MI	124.4	APP	BNPTTL	-20000828AWP
41	W41CK	PETOSKEY MI	89.1	LIC	BLTTL	-20020122AAP
41	WGBA-TV	GREEN BAY WI	187.3	APP	BMPCDT	-20080620AEI
41	WGBA-TV	GREEN BAY WI	187.3	CP MOD	BMPCDT	-20080207AAN
42	W42CB	HESPERIA MI	137.6	LIC	BLTT	-19950609IU
44	W18CB	BIG RAPIDS MI	119.7	APP	BP TTL	-20011206ABA
44	W44BQ	MOUNT PLEASANT MI	138.6	LIC	BLTTL	-20030331AAS
48	W48BY	LUDINGTON MI	92.8	LIC	BLTTL	-20001218ABG
48	W48CC	TRAVERSE CITY MI	1.5	LIC	BLTTL	-20001213ABR

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Analysis of Interference to Affected Station 1

Analysis of current record

Channel	Call	City/State	Application Ref. No.
25	W25CD	PETOSKEY MI	BLTTL -20071220ABQ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
17	WCMV	CADILLAC MI	81.6	LIC	BLEDT	-20050914AAI
17	WCMV	CADILLAC MI	81.6	PLN	DTVPLN	-DTVP0598
24	WCML	ALPENA MI	72.3	CP MOD	BMPEDT	-20090623ABV
24	WCML	ALPENA MI	72.3	PLN	DTVPLN	-DTVP0883
25	WOGC-CA	HOLLAND MI	306.5	CP MOD	BMPDTA	-20080804ADU
25	WCGV-TV	MILWAUKEE WI	354.0	CP MOD	BMPCDT	-20010920AAK
25	WCGV-TV	MILWAUKEE WI	354.0	PLN	DTVPLN	-DTVP0937
29	WGTU	TRAVERSE CITY MI	81.6	CP	BPCDT	-20080619AJY
29	WGTU	TRAVERSE CITY MI	81.6	PLN	DTVPLN	-DTVP1069
40	W67CS	SAULT ST MARIE, MI	115.8	APP	BDISDTL	-20090429AAW
40	NEW	TRAVERSE CITY MI	98.2	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 2

Analysis of current record

KHANNA & GULL, Inc. – Consulting Engineers

Channel	Call	City/State	Application Ref. No.
25	W25CU	TRAVERSE CITY MI	BLTTL -20010802AAI

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
17	WCMV	CADILLAC MI	48.1	LIC	BLEDT -20050914AAI
17	WCMV	CADILLAC MI	48.1	PLN	DTVPLN -DTVP0598
21	WCMW	MANISTEE MI	92.7	CP MOD	BMPEDT -20080617ABS
21	WCMW	MANISTEE MI	92.7	PLN	DTVPLN -DTVP0764
24	WCML	ALPENA MI	126.6	CP MOD	BMPEDT -20090623ABV
24	WCML	ALPENA MI	126.6	PLN	DTVPLN -DTVP0883
24	W46CR	SAGINAW MI	173.6	CP	BDISDTL -20080918AGD
25	W25DW	ARBURY HILLS IL	355.7	CP	BDFCDTL -20090217AAT
25	W25DX	ESCANABA MI	157.5	CP	BNPTTL -20000831BBW
25	WOGC-CA	HOLLAND MI	216.7	CP MOD	BMPDTA -20080804ADU
25	WCGV-TV	MILWAUKEE WI	256.6	CP MOD	BMPCDT -20010920AAK
25	WCGV-TV	MILWAUKEE WI	256.6	PLN	DTVPLN -DTVP0937
26	WCMU-TV	MOUNT PLEASANT MI	117.5	CP MOD	BMPEDT -20080619AFX
26	WCMU-TV	MOUNT PLEASANT MI	117.5	PLN	DTVPLN -DTVP0954
29	WGTU	TRAVERSE CITY MI	48.1	CP	BPCDT -20080619AJY
29	WGTU	TRAVERSE CITY MI	48.1	PLN	DTVPLN -DTVP1069
32	WFQX-TV	CADILLAC MI	73.8	CP MOD	BMPCDT -20090527AFA
32	WFQX-TV	CADILLAC MI	73.8	PLN	DTVPLN -DTVP1183
32	WFQX-DR	CADILLAC MI	73.8	APP	BPRM -20080620AOP
40	NEW	TRAVERSE CITY MI	0.6	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 3

Analysis of current record

Channel	Call	City/State	Application Ref. No.
26	WHDA-LP	ST. IGNACE MI	BNPTTL -20000831BAP

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
24	WCML	ALPENA MI	93.2	CP MOD	BMPEDT -20090623ABV
24	WCML	ALPENA MI	93.2	PLN	DTVPLN -DTVP0883
26	WHNE-LD	FLINT MI	355.6	APP	BMPDTL -20090623AAM
26	WHNE-LD	FLINT MI	355.6	CP	BDCCDTL -20060920AAV
26	WCMU-TV	MOUNT PLEASANT MI	236.4	CP MOD	BMPEDT -20080619AFX
26	WCMU-TV	MOUNT PLEASANT MI	236.4	PLN	DTVPLN -DTVP0954
29	WGTU	TRAVERSE CITY MI	125.4	CP	BPCDT -20080619AJY
29	WGTU	TRAVERSE CITY MI	125.4	PLN	DTVPLN -DTVP1069
40	NEW	TRAVERSE CITY MI	140.9	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 4

Analysis of current record

Channel	Call	City/State	Application Ref. No.
32	W32DL	CHEBOYGAN MI	BNPTTL -20000828AOR

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
24	WCML	ALPENA MI	61.6	CP MOD	BMPEDT -20090623ABV
24	WCML	ALPENA MI	61.6	PLN	DTVPLN -DTVP0883
29	WGTU	TRAVERSE CITY MI	100.1	CP	BPCDT -20080619AJY
29	WGTU	TRAVERSE CITY MI	100.1	PLN	DTVPLN -DTVP1069

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32	WFQX-TV	CADILLAC MI	171.4	CP MOD	BMPCDT	-20090527AFA
32	WFQX-TV	CADILLAC MI	171.4	PLN	DTVPLN	-DTVP1183
32	WFQX-DR	CADILLAC MI	171.4	APP	BPRM	-20080620AOP
32	WOKZ-LD	KALAMAZOO MI	375.2	CP	BDCCDTL	-20061020ACV
35	WTOM-TV	CHEBOYGAN MI	22.4	LIC	BLCDT	-20040420AAI
35	WTOM-TV	CHEBOYGAN MI	22.4	PLN	DTVPLN	-DTVP1295
47	WPBN-DR	TRAVERSE CITY MI	100.1	APP	BPRM	-20090724AEF
40	NEW	TRAVERSE CITY MI	124.4	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 5

Analysis of current record

Channel	Call	City/State	Application Ref. No.
36	W36CE	HOUGHTON LAKE MI	BLTTL -20001219ACD

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
29	WGTU	TRAVERSE CITY MI	57.0	CP	BPCDT -20080619AJY
29	WGTU	TRAVERSE CITY MI	57.0	PLN	DTVPLN -DTVP1069
32	WFQX-TV	CADILLAC MI	50.6	CP MOD	BMPCDT -20090527AFA
32	WFQX-TV	CADILLAC MI	50.6	PLN	DTVPLN -DTVP1183
32	WFQX-DR	CADILLAC MI	50.6	APP	BPRM -20080620AOP
36	WFFT-TV	FORT WAYNE IN	355.5	CP MOD	BMPCDT -20070125ACY
36	WFFT-TV	FORT WAYNE IN	355.5	PLN	DTVPLN -DTVP1325
36	WJYS	HAMMOND IN	356.2	LIC	BLCDT -20020801ABI
36	WJYS	HAMMOND IN	356.2	PLN	DTVPLN -DTVP1326
36	WJYS	HAMMOND IN	356.2	CP	BPCDT -20080619AIZ
36	WLNS-TV	LANSING MI	180.5	CP MOD	BMPCDT -20080618AEA
36	WLNS-TV	LANSING MI	180.5	PLN	DTVPLN -DTVP1333
36	W36BZ	TRAVERSE CITY MI	92.3	APP	BLTTL -20001213AEG
36	W08CK	MADISON-MIDDLETON WI	396.4	APP	BDISDTL -20090518AAD
36	W29DJ	SHEBOYGAN WI	286.5	APP	BDISDTL -20090630AET
40	NEW	TRAVERSE CITY MI	90.9	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 6

Analysis of current record

Channel	Call	City/State	Application Ref. No.
36	W36CD	PETOSKEY MI	BLTTL -20071220ABS

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
29	WGTU	TRAVERSE CITY MI	81.6	CP	BPCDT -20080619AJY
29	WGTU	TRAVERSE CITY MI	81.6	PLN	DTVPLN -DTVP1069
35	WTOM-TV	CHEBOYGAN MI	51.0	LIC	BLCDT -20040420AAI
35	WTOM-TV	CHEBOYGAN MI	51.0	PLN	DTVPLN -DTVP1295
36	WLNS-TV	LANSING MI	313.4	CP MOD	BMPCDT -20080618AEA
36	WLNS-TV	LANSING MI	313.4	PLN	DTVPLN -DTVP1333
36	W36BZ	TRAVERSE CITY MI	97.9	APP	BLTTL -20001213AEG
36	W29DJ	SHEBOYGAN WI	353.9	APP	BDISDTL -20090630AET
51	W51CR	PETOSKEY MI	0.0	LIC	BLTTL -20071220ABW
40	NEW	TRAVERSE CITY MI	98.2	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.
36	W36BZ	TRAVERSE CITY MI	BLTTL -20001213AEG

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
29	WGTU	TRAVERSE CITY MI	49.5	CP	BPCDT -20080619AJY
29	WGTU	TRAVERSE CITY MI	49.5	PLN	DTVPLN -DTVP1069
32	WFQX-TV	CADILLAC MI	75.8	CP MOD	BMPCDT -20090527AFA
32	WFQX-TV	CADILLAC MI	75.8	PLN	DTVPLN -DTVP1183
32	WFQX-DR	CADILLAC MI	75.8	APP	BPRM -20080620AOP
36	WJYS	HAMMOND IN	357.6	LIC	BLCDT -20020801ABI
36	WJYS	HAMMOND IN	357.6	PLN	DTVPLN -DTVP1326
36	WJYS	HAMMOND IN	357.6	CP	BPCDT -20080619AIZ
36	W36CE	HOUGHTON LAKE MI	92.3	LIC	BLTTL -20001219ACD
36	WLNS-TV	LANSING MI	254.5	CP MOD	BMPCDT -20080618AEA
36	WLNS-TV	LANSING MI	254.5	PLN	DTVPLN -DTVP1333
36	W36CD	PETOSKEY MI	97.9	LIC	BLTTL -20071220ABS
36	W08CK	MADISON-MIDDLETON WI	350.1	APP	BDISDTL -20090518AAD
36	WLEF-TV	PARK FALLS WI	380.6	CP MOD	BMPCDT -20080611ABN
36	WLEF-TV	PARK FALLS WI	380.7	PLN	DTVPLN -DTVP1354
36	W29DJ	SHEBOYGAN WI	256.7	APP	BDISDTL -20090630AET
40	NEW	TRAVERSE CITY MI	1.5	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 8

Analysis of current record

Channel	Call	City/State	Application Ref. No.
39	W39CB	PETOSKEY MI	BLTTL -20071220ABV

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
35	WTOM-TV	CHEBOYGAN MI	51.0	LIC	BLCDT -20040420AAI
35	WTOM-TV	CHEBOYGAN MI	51.0	PLN	DTVPLN -DTVP1295
39	WADL	MOUNT CLEMENS MI	364.4	LIC	BLCDT -20020507AAO
39	WADL	MOUNT CLEMENS MI	364.4	PLN	DTVPLN -DTVP1407
39	WFRV-TV	GREEN BAY WI	270.4	LIC	BLCDT -20051004ABD
39	WFRV-TV	GREEN BAY WI	270.4	PLN	DTVPLN -DTVP1420
39	W31BA	MINOCQUA WI	377.7	APP	BDISDTL -20090409ALM
40	W40AN-D	ESCANABA MI	170.5	LIC	BLDTT -20090512AAJ
40	W67CS	SAULT ST MARIE, MI	115.8	APP	BDISDTL -20090429AAW
47	WPBN-DR	TRAVERSE CITY MI	81.6	APP	BPRM -20090724AEF
40	NEW	TRAVERSE CITY MI	98.2	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.
39	WFRV-TV	GREEN BAY WI	BLCDT -20051004ABD

Stations Potentially Affecting This Station

KHANNA & GULL, Inc. – Consulting Engineers

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
40	WPXE-TV	KENOSHA WI	137.8	LIC	BLCDT -20040206AAT
40	WPXE	KENOSHA WI	137.8	PLN	DTVPLN -DTVP1456
40	NEW	TRAVERSE CITY MI	188.2	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 10

Analysis of current record

Channel	Call	City/State	Application Ref. No.
40	W40BY	PALATINE IL	BLTT -20060419ACR

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
33	WITI	MILWAUKEE WI	136.4	CP MOD	BMPCDT -20081204ADM
33	WITI	MILWAUKEE WI	136.3	PLN	DTVPLN -DTVP1238
36	WJYS	HAMMOND IN	0.0	LIC	BLCDT -20020801ABI
36	WJYS	HAMMOND IN	0.0	PLN	DTVPLN -DTVP1326
36	WJYS	HAMMOND IN	0.0	CP	BPCDT -20080619AIZ
38	WGBO-DT	JOLIET IL	2.5	CP MOD	BMPCDT -20080618AEI
38	WGBO-TV	JOLIET IL	2.5	PLN	DTVPLN -DTVP1363
39	WWME-LD	CHICAGO IL	0.0	LIC	BLDTL -20090105ACU
40	W40CN	SUGAR GROVE IL	68.8	CP	BP TTL -20070301ABR
40	WHCH-LD	CHESTERTON IN	64.3	LIC	BLDTL -20070822AAF
40	WFWA	FORT WAYNE IN	221.0	APP	BP EDT -20080617ADU
40	WFWA	FORT WAYNE IN	221.0	PLN	DTVPLN -DTVP1433
40	WFWA	FORT WAYNE IN	221.0	LIC	BLEDT -20041112ACP
40	WHAN-LD	SALEM IN	387.4	CP	BDCCDTL -20061003AAP
40	NEW	DETROIT MI	381.8	APP	BDCCDTL -20061027ACH
40	WKAR-TV	EAST LANSING MI	280.3	CP MOD	BMP EDT -20080620AIJ
40	WKAR-TV	EAST LANSING MI	280.2	PLN	DTVPLN -DTVP1438
40	WRCX-LP	DAYTON OH	371.8	CP	BDFCDTL -20090507ABE
40	WPXE-TV	KENOSHA WI	137.0	LIC	BLCDT -20040206AAT
40	WPXE	KENOSHA WI	137.0	PLN	DTVPLN -DTVP1456
41	WOCH-CA	CHICAGO IL	2.5	LIC	BLTTA -20060103ACT
41	WOCH-CA	CHICAGO IL	2.5	APP	BSTA -20060109ACO
41	WOCH-CA	CHICAGO IL	2.5	APP	BP TTA -20050127ALO
41	WOLP-LD	GRAND RAPIDS MI	196.5	CP	BDCCDTL -20061020ACU
42	WQRF-TV	ROCKFORD IL	134.5	CP MOD	BMPCDT -20070207ABW
42	WQRF-TV	ROCKFORD IL	134.1	PLN	DTVPLN -DTVP1499
42	WNDU-TV	SOUTH BEND IN	121.9	LIC	BLCDT -20060717AAG
42	WNDU-TV	SOUTH BEND IN	121.8	PLN	DTVPLN -DTVP1502
42	WNDU-TV	SOUTH BEND IN	121.8	CP	BPCDT -20080619AAB
43	WCPX-TV	CHICAGO IL	0.0	LIC	BLCDT -20010226ABH
43	WCPX	CHICAGO IL	0.0	PLN	DTVPLN -DTVP1536
43	WCPX-TV	CHICAGO IL	1.9	APP	BPCDT -20080619AIL
44	WLS-DR	CHICAGO IL	0.0	APP	BPRM -20090724AEG
47	WTTW	CHICAGO IL	0.0	LIC	BLEDT -20020408ABK
47	WTTW	CHICAGO IL	0.0	PLN	DTVPLN -DTVP1673
48	WHME-TV	SOUTH BEND IN	126.3	APP	BPCDT -20080619ABC
48	WBME-TV	RACINE WI	139.1	CP MOD	BMPCDT -20090709ABY
48	WBME-TV	RACINE WI	136.1	PLN	DTVPLN -DTVP1727
48	WBME-TV	RACINE WI	109.8	LIC	BMLCDT -20070823AED
40	NEW	TRAVERSE CITY MI	357.1	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 11

Analysis of current record

Channel	Call	City/State	Application Ref. No.
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40 W40CN SUGAR GROVE IL BPTTL -20070301ABR

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
36	WJYS	HAMMOND IN	68.7	LIC	BLCDT	-20020801ABI
36	WJYS	HAMMOND IN	68.7	PLN	DTVPLN	-DTVP1326
36	WJYS	HAMMOND IN	68.8	CP	BPCDT	-20080619AIZ
38	WGBO-DT	JOLIET IL	70.1	CP MOD	BMPCDT	-20080618AEI
38	WGBO-TV	JOLIET IL	70.1	PLN	DTVPLN	-DTVP1363
39	WWME-LD	CHICAGO IL	68.7	LIC	BLDTL	-20090105ACU
40	W40BY	PALATINE IL	68.8	LIC	BLTT	-20060419ACR
40	WHCH-LD	CHESTERTON IN	122.9	LIC	BLDTL	-20070822AAF
40	WFWA	FORT WAYNE IN	282.8	APP	BPEDT	-20080617ADU
40	WFWA	FORT WAYNE IN	282.8	PLN	DTVPLN	-DTVP1433
40	WFWA	FORT WAYNE IN	282.8	LIC	BLEDT	-20041112ACP
40	WKAR-TV	EAST LANSING MI	347.7	CP MOD	BMPEDT	-20080620AIJ
40	WKAR-TV	EAST LANSING MI	347.6	PLN	DTVPLN	-DTVP1438
40	WPXE-TV	KENOSHA WI	151.4	LIC	BLCDT	-20040206AAT
40	WPXE	KENOSHA WI	151.4	PLN	DTVPLN	-DTVP1456
41	WIFR	FREEMPORT IL	81.0	CP MOD	BMPCDT	-20050103AFQ
41	WIFR	FREEMPORT IL	81.0	PLN	DTVPLN	-DTVP1469
41	WIFR-DR	FREEMPORT IL	81.0	APP	BPRM	-20080620AOH
41	WIFR	FREEMPORT IL	81.0	CP MOD	BMPCDT	-20081110ADQ
41	WIFR	FREEMPORT IL	81.0	LIC	BLCDT	-20041012AIQ
42	WQRF-TV	ROCKFORD IL	80.2	CP MOD	BMPCDT	-20070207ABW
42	WQRF-TV	ROCKFORD IL	80.1	PLN	DTVPLN	-DTVP1499
43	WCPX-TV	CHICAGO IL	68.8	LIC	BLCDT	-20010226ABH
43	WCPX	CHICAGO IL	68.8	PLN	DTVPLN	-DTVP1536
43	WCPX-TV	CHICAGO IL	69.0	APP	BPCDT	-20080619AIL
44	WLS-DR	CHICAGO IL	68.8	APP	BPRM	-20090724AEG
47	WTTW	CHICAGO IL	68.7	LIC	BLEDT	-20020408ABK
47	WTTW	CHICAGO IL	68.7	PLN	DTVPLN	-DTVP1673
48	WBME-TV	RACINE WI	128.0	LIC	BMLCDT	-20070823AED
40	NEW	TRAVERSE CITY MI	398.7	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 12

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
40	W40CN	SUGAR GROVE IL	BPTTL	-20041202ACN

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
36	WJYS	HAMMOND IN	68.7	LIC	BLCDT	-20020801ABI
36	WJYS	HAMMOND IN	68.7	PLN	DTVPLN	-DTVP1326
36	WJYS	HAMMOND IN	68.8	CP	BPCDT	-20080619AIZ
38	WGBO-DT	JOLIET IL	70.1	CP MOD	BMPCDT	-20080618AEI
38	WGBO-TV	JOLIET IL	70.1	PLN	DTVPLN	-DTVP1363
39	WWME-LD	CHICAGO IL	68.7	LIC	BLDTL	-20090105ACU
40	W40BY	PALATINE IL	68.8	LIC	BLTT	-20060419ACR
40	WHCH-LD	CHESTERTON IN	122.9	LIC	BLDTL	-20070822AAF
40	WFWA	FORT WAYNE IN	282.8	APP	BPEDT	-20080617ADU
40	WFWA	FORT WAYNE IN	282.8	PLN	DTVPLN	-DTVP1433
40	WFWA	FORT WAYNE IN	282.8	LIC	BLEDT	-20041112ACP
40	WKAR-TV	EAST LANSING MI	347.7	CP MOD	BMPEDT	-20080620AIJ
40	WKAR-TV	EAST LANSING MI	347.6	PLN	DTVPLN	-DTVP1438
40	WPXE-TV	KENOSHA WI	151.4	LIC	BLCDT	-20040206AAT
40	WPXE	KENOSHA WI	151.4	PLN	DTVPLN	-DTVP1456
41	WIFR	FREEMPORT IL	81.0	CP MOD	BMPCDT	-20050103AFQ
41	WIFR	FREEMPORT IL	81.0	PLN	DTVPLN	-DTVP1469
41	WIFR-DR	FREEMPORT IL	81.0	APP	BPRM	-20080620AOH
41	WIFR	FREEMPORT IL	81.0	CP MOD	BMPCDT	-20081110ADQ

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41	WIFR	FREEMPORT IL	81.0	LIC	BLCDDT	-20041012AIQ
42	WQRF-TV	ROCKFORD IL	80.2	CP MOD	BMPCDT	-20070207ABW
42	WQRF-TV	ROCKFORD IL	80.1	PLN	DTVPLN	-DTVP1499
43	WCPX-TV	CHICAGO IL	68.8	LIC	BLCDDT	-20010226ABH
43	WCPX	CHICAGO IL	68.8	PLN	DTVPLN	-DTVP1536
43	WCPX-TV	CHICAGO IL	69.0	APP	BPCDDT	-20080619AIL
44	WLS-DR	CHICAGO IL	68.8	APP	BPRM	-20090724AEG
47	WTTW	CHICAGO IL	68.7	LIC	BLEDT	-20020408ABK
47	WTTW	CHICAGO IL	68.7	PLN	DTVPLN	-DTVP1673
48	WBME-TV	RACINE WI	128.0	LIC	BMLCDDT	-20070823AED
40	NEW	TRAVERSE CITY MI	398.7	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 13

Analysis of current record

Channel	Call	City/State	Application Ref. No.
40	WHCH-LD	CHESTERTON IN	BLDTL -20070822AAF

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
39	WWME-LD	CHICAGO IL	64.4	LIC	BLDTL -20090105ACU
40	W40BY	PALATINE IL	64.3	LIC	BLTT -20060419ACR
40	W40CN	SUGAR GROVE IL	122.9	CP	BP TTL -20070301ABR
40	WFWA	FORT WAYNE IN	160.0	APP	BP EDT -20080617ADU
40	WFWA	FORT WAYNE IN	160.0	PLN	DTVPLN -DTVP1433
40	WFWA	FORT WAYNE IN	160.0	LIC	BLEDT -20041112ACP
40	WHAN-LD	SALEM IN	334.5	CP	BDCCDDL -20061003AAP
40	NEW	DETROIT MI	341.1	APP	BDCCDDL -20061027ACH
40	WKAR-TV	EAST LANSING MI	252.0	CP MOD	BMP EDT -20080620AIJ
40	WKAR-TV	EAST LANSING MI	252.0	PLN	DTVPLN -DTVP1438
40	WRCX-LP	DAYTON OH	307.4	CP	BDFCDDL -20090507ABE
40	WPXE-TV	KENOSHA WI	189.2	LIC	BLCDDT -20040206AAT
40	WPXE	KENOSHA WI	189.2	PLN	DTVPLN -DTVP1456
41	WOLP-LD	GRAND RAPIDS MI	179.9	CP	BDCCDDL -20061020ACU
40	NEW	TRAVERSE CITY MI	375.9	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 14

Analysis of current record

Channel	Call	City/State	Application Ref. No.
40	NEW	DETROIT MI	BDCCDDL -20061027ACH

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
39	WADL	MOUNT CLEMENS MI	27.9	LIC	BLCDDT -20020507AAO
39	WADL	MOUNT CLEMENS MI	27.9	PLN	DTVPLN -DTVP1407
39	WIVM-LP	CANTON OH	220.5	APP	BDISDDL -20090731AGF
39	WOCB-CD	MARION OH	191.2	LIC	BLDTA -20090505AAK
40	WHCH-LD	CHESTERTON IN	341.1	LIC	BLDTL -20070822AAF
40	WFWA	FORT WAYNE IN	224.4	APP	BP EDT -20080617ADU
40	WFWA	FORT WAYNE IN	224.4	PLN	DTVPLN -DTVP1433
40	WFWA	FORT WAYNE IN	224.4	LIC	BLEDT -20041112ACP
40	WKAR-TV	EAST LANSING MI	119.4	CP MOD	BMP EDT -20080620AIJ
40	WKAR-TV	EAST LANSING MI	119.5	PLN	DTVPLN -DTVP1438
40	WRAP-CD	CLEVELAND OH	145.0	CP	BDCCDDL -20061030AGC

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40	WRCX-LP	DAYTON OH	307.1	CP	BDFCDTL	-20090507ABE
40	WHIZ-TV	ZANESVILLE OH	281.5	CP MOD	BMPCDT	-20071022BPE
40	WHIZ-TV	ZANESVILLE OH	281.5	PLN	DTVPLN	-DTVP1446
40	WMVH-CA	CHARLEROI PA	359.9	APP	BDISDTA	-20090713ADO
40	KDKA-TV	JOHNSTOWN PA	405.2	APP	BDRTCDT	-20090630ADW
41	WXYZ-TV	DETROIT MI	22.8	CP MOD	BMPCDT	-20080618ABH
41	WXYZ-TV	DETROIT MI	22.8	PLN	DTVPLN	-DTVP1475
41	WXYZ-TV	DETROIT MI	22.8	LIC	BLCDT	-20030325ABI
41	WOLP-LD	GRAND RAPIDS MI	205.7	CP	BDCCDTL	-20061020ACU
40	NEW	TRAVERSE CITY MI	343.5	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 15

Analysis of current record

Channel	Call	City/State	Application Ref. No.
40	WKAR-TV	EAST LANSING MI	BMPEDT -20080620AIJ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
39	WADL	MOUNT CLEMENS MI	125.9	LIC	BLCDT -20020507AAO
39	WADL	MOUNT CLEMENS MI	125.9	PLN	DTVPLN -DTVP1407
40	WFWA	FORT WAYNE IN	188.9	APP	BPEDT -20080617ADU
40	WFWA	FORT WAYNE IN	188.9	PLN	DTVPLN -DTVP1433
40	WFWA	FORT WAYNE IN	188.9	LIC	BLEDT -20041112ACP
40	WHIZ-TV	ZANESVILLE OH	368.9	CP MOD	BMPCDT -20071022BPE
40	WHIZ-TV	ZANESVILLE OH	368.9	PLN	DTVPLN -DTVP1446
40	WPXE-TV	KENOSHA WI	287.6	LIC	BLCDT -20040206AAT
40	WPXE	KENOSHA WI	287.6	PLN	DTVPLN -DTVP1456
41	WXYZ-TV	DETROIT MI	98.6	CP MOD	BMPCDT -20080618ABH
41	WXYZ-TV	DETROIT MI	98.6	PLN	DTVPLN -DTVP1475
41	WXYZ-TV	DETROIT MI	98.6	LIC	BLCDT -20030325ABI
40	NEW	TRAVERSE CITY MI	250.5	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.
40	W40AN-D	ESCANABA MI	BLDTT -20090512AAJ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
39	W31BA	MINOCQUA WI	207.8	APP	BDISDTL -20090409ALM
40	W67CS	SAULT ST MARIE, MI	222.3	APP	BDISDTL -20090429AAW
40	WPXE-TV	KENOSHA WI	305.4	LIC	BLCDT -20040206AAT
40	WPXE	KENOSHA WI	305.4	PLN	DTVPLN -DTVP1456
40	NEW	TRAVERSE CITY MI	158.8	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.
40	W40AN-D	ESCANABA MI	BSTA -20060320AFT

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
40	W67CS	SAULT ST MARIE, MI	222.3	APP	BDISDTL	-20090429AAW
40	WPXE-TV	KENOSHA WI	305.4	LIC	BLCDDT	-20040206AAT
40	WPXE	KENOSHA WI	305.4	PLN	DTVPLN	-DTVP1456
48	WJMN-TV	ESCANABA MI	40.9	CP MOD	BMPCDT	-20081023AAF
48	WJMN-TV	ESCANABA MI	40.9	PLN	DTVPLN	-DTVP1710
40	NEW	TRAVERSE CITY MI	158.8	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 18

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
40	W67CS	SAULT ST MARIE, MI	BDISDTL	-20090429AAW

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
39	W39BY	SAULT STE. MARIE MI	5.1	LIC	BLTTL	-20001211AAB
40	W40AN-D	ESCANABA MI	222.3	LIC	BLDDT	-20090512AAJ
40	NEW	TRAVERSE CITY MI	212.6	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 19

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
40	WPXE-TV	KENOSHA WI	BLCDDT	-20040206AAT

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
39	WFRV-TV	GREEN BAY WI	137.8	LIC	BLCDDT	-20051004ABD
39	WFRV-TV	GREEN BAY WI	137.8	PLN	DTVPLN	-DTVP1420
40	WFWA	FORT WAYNE IN	314.8	APP	BPEDT	-20080617ADU
40	WFWA	FORT WAYNE IN	314.8	PLN	DTVPLN	-DTVP1433
40	WFWA	FORT WAYNE IN	314.8	LIC	BLEDT	-20041112ACP
40	WKAR-TV	EAST LANSING MI	287.6	CP MOD	BMPEDT	-20080620AIJ
40	WKAR-TV	EAST LANSING MI	287.5	PLN	DTVPLN	-DTVP1438
41	WIFR	FREEMPORT IL	136.3	CP MOD	BMPCDT	-20050103AFQ
41	WIFR	FREEMPORT IL	136.3	PLN	DTVPLN	-DTVP1469
41	WIFR-DR	FREEMPORT IL	136.3	APP	BPRM	-20080620AOH
41	WIFR	FREEMPORT IL	136.3	CP MOD	BMPCDT	-20081110ADQ
41	WIFR	FREEMPORT IL	136.3	LIC	BLCDDT	-20041012AIQ
41	WGBA-TV	GREEN BAY WI	140.5	APP	BMPCDT	-20080620AEI
41	WGBA	GREEN BAY WI	140.5	PLN	DTVPLN	-DTVP1487
41	WGBA-TV	GREEN BAY WI	140.5	CP MOD	BMPCDT	-20080207AAN
40	NEW	TRAVERSE CITY MI	256.6	APP	USERRECORD-01	

Total scenarios = 46

Result key: 1

Scenario 1 Affected station 19 WPXE-TV
Before Analysis

Results for: 40A WI KENOSHA BLCDDT 20040206AAT LIC

HAAT 358.0 m, ATV ERP 830.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2970168	27275.9
not affected by terrain losses	2961002	27128.9
lost to NTSC IX	0	0.0

lost to additional IX by ATV	13894	473.4
lost to ATV IX only	13894	473.4
lost to all IX	13894	473.4

Potential Interfering Stations Included in above Scenario 1

39A WI GREEN BAY	BLCDT	20051004ABD	LIC
41A IL FREEPORT	BMPCDT	20050103AFQ	CP
41A WI GREEN BAY	DTVPLN	DTVP1487	PLN

After Analysis

Results for: 40A WI KENOSHA BLCDT 20040206AAT LIC
 HAAT 358.0 m, ATV ERP 830.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2970168	27275.9
not affected by terrain losses	2961002	27128.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	13958	474.4
lost to ATV IX only	13958	474.4
lost to all IX	13958	474.4

Potential Interfering Stations Included in above Scenario 1

39A WI GREEN BAY	BLCDT	20051004ABD	LIC
41A IL FREEPORT	BMPCDT	20050103AFQ	CP
41A WI GREEN BAY	DTVPLN	DTVP1487	PLN
40A MI TRAVERSE CITY	USERRECORD01		APP

Percent new IX = 0.0022%

Result key: 2
 Scenario 2 Affected station 19 WPXE-TV
 Before Analysis

Results for: 40A WI KENOSHA BLCDT 20040206AAT LIC
 HAAT 358.0 m, ATV ERP 830.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2970168	27275.9
not affected by terrain losses	2961002	27128.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	13676	466.5
lost to ATV IX only	13676	466.5
lost to all IX	13676	466.5

Potential Interfering Stations Included in above Scenario 2

39A WI GREEN BAY	BLCDT	20051004ABD	LIC
41A IL FREEPORT	BMPCDT	20050103AFQ	CP
41A WI GREEN BAY	BMPCDT	20080207AAN	CP

After Analysis

Results for: 40A WI KENOSHA BLCDT 20040206AAT LIC
 HAAT 358.0 m, ATV ERP 830.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2970168	27275.9
not affected by terrain losses	2961002	27128.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	13740	467.5
lost to ATV IX only	13740	467.5
lost to all IX	13740	467.5

Potential Interfering Stations Included in above Scenario 2

39A WI GREEN BAY	BLCDT	20051004ABD	LIC
41A IL FREEPORT	BMPCDT	20050103AFQ	CP
41A WI GREEN BAY	BMPCDT	20080207AAN	CP
40A MI TRAVERSE CITY	USERRECORD01		APP

Percent new IX = 0.0022%

Result key: 3
 Scenario 3 Affected station 19 WPXE-TV
 Before Analysis

Results for: 40A WI KENOSHA BLCDDT 20040206AAT LIC
 HAAT 358.0 m, ATV ERP 830.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2970168	27275.9
not affected by terrain losses	2961002	27128.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	13894	473.4
lost to ATV IX only	13894	473.4
lost to all IX	13894	473.4

Potential Interfering Stations Included in above Scenario 3

39A WI GREEN BAY	BLCDDT	20051004ABD	LIC
41A IL FREEPORT	DTVPLN	DTVP1469	PLN
41A WI GREEN BAY	DTVPLN	DTVP1487	PLN

After Analysis

Results for: 40A WI KENOSHA BLCDDT 20040206AAT LIC
 HAAT 358.0 m, ATV ERP 830.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2970168	27275.9
not affected by terrain losses	2961002	27128.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	13958	474.4
lost to ATV IX only	13958	474.4
lost to all IX	13958	474.4

Potential Interfering Stations Included in above Scenario 3

39A WI GREEN BAY	BLCDDT	20051004ABD	LIC
41A IL FREEPORT	DTVPLN	DTVP1469	PLN
41A WI GREEN BAY	DTVPLN	DTVP1487	PLN
40A MI TRAVERSE CITY	USERRECORD01		APP

Percent new IX = 0.0022%

Result key: 4
 Scenario 4 Affected station 19 WPXE-TV
 Before Analysis

Results for: 40A WI KENOSHA BLCDDT 20040206AAT LIC
 HAAT 358.0 m, ATV ERP 830.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2970168	27275.9
not affected by terrain losses	2961002	27128.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	13676	466.5
lost to ATV IX only	13676	466.5
lost to all IX	13676	466.5

Potential Interfering Stations Included in above Scenario 4

39A WI GREEN BAY	BLCDDT	20051004ABD	LIC
41A IL FREEPORT	DTVPLN	DTVP1469	PLN
41A WI GREEN BAY	BMPDDT	20080207AAN	CP

After Analysis

Results for: 40A WI KENOSHA BLCDDT 20040206AAT LIC
 HAAT 358.0 m, ATV ERP 830.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2970168	27275.9
not affected by terrain losses	2961002	27128.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	13740	467.5

lost to ATV IX only	13740	467.5
lost to all IX	13740	467.5

Potential Interfering Stations Included in above Scenario 4

39A WI GREEN BAY	BLCDT	20051004ABD	LIC
41A IL FREEPORT	DTVPLN	DTVP1469	PLN
41A WI GREEN BAY	BMPCDT	20080207AAN	CP
40A MI TRAVERSE CITY	USERRECORD01		APP

Percent new IX = 0.0022%

Result key: 5
 Scenario 5 Affected station 19 WPXE-TV
 Before Analysis

Results for: 40A WI KENOSHA BLCDT 20040206AAT LIC
 HAAT 358.0 m, ATV ERP 830.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2970168	27275.9
not affected by terrain losses	2961002	27128.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	14430	488.1
lost to ATV IX only	14430	488.1
lost to all IX	14430	488.1

Potential Interfering Stations Included in above Scenario 5

39A WI GREEN BAY	BLCDT	20051004ABD	LIC
41A IL FREEPORT	BMPCDT	20081110ADQ	CP
41A WI GREEN BAY	DTVPLN	DTVP1487	PLN

After Analysis

Results for: 40A WI KENOSHA BLCDT 20040206AAT LIC
 HAAT 358.0 m, ATV ERP 830.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2970168	27275.9
not affected by terrain losses	2961002	27128.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	14494	489.1
lost to ATV IX only	14494	489.1
lost to all IX	14494	489.1

Potential Interfering Stations Included in above Scenario 5

39A WI GREEN BAY	BLCDT	20051004ABD	LIC
41A IL FREEPORT	BMPCDT	20081110ADQ	CP
41A WI GREEN BAY	DTVPLN	DTVP1487	PLN
40A MI TRAVERSE CITY	USERRECORD01		APP

Percent new IX = 0.0022%

Result key: 6
 Scenario 6 Affected station 19 WPXE-TV
 Before Analysis

Results for: 40A WI KENOSHA BLCDT 20040206AAT LIC
 HAAT 358.0 m, ATV ERP 830.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2970168	27275.9
not affected by terrain losses	2961002	27128.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	14212	481.2
lost to ATV IX only	14212	481.2
lost to all IX	14212	481.2

Potential Interfering Stations Included in above Scenario 6

39A WI GREEN BAY	BLCDT	20051004ABD	LIC
41A IL FREEPORT	BMPCDT	20081110ADQ	CP

41A WI GREEN BAY BMPCDT 20080207AAN CP

After Analysis

Results for: 40A WI KENOSHA BLCDT 20040206AAT LIC
 HAAT 358.0 m, ATV ERP 830.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2970168	27275.9
not affected by terrain losses	2961002	27128.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	14276	482.2
lost to ATV IX only	14276	482.2
lost to all IX	14276	482.2

Potential Interfering Stations Included in above Scenario 6

39A WI GREEN BAY	BLCDT	20051004ABD	LIC
41A IL FREEPORT	BMPCDT	20081110ADQ	CP
41A WI GREEN BAY	BMPCDT	20080207AAN	CP
40A MI TRAVERSE CITY	USERRECORD01		APP

Percent new IX = 0.0022%

Result key: 7
 Scenario 7 Affected station 19 WPXE-TV
 Before Analysis

Results for: 40A WI KENOSHA BLCDT 20040206AAT LIC
 HAAT 358.0 m, ATV ERP 830.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2970168	27275.9
not affected by terrain losses	2961002	27128.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	14100	476.3
lost to ATV IX only	14100	476.3
lost to all IX	14100	476.3

Potential Interfering Stations Included in above Scenario 7

39A WI GREEN BAY	BLCDT	20051004ABD	LIC
41A IL FREEPORT	BLCDT	20041012AIQ	LIC
41A WI GREEN BAY	DTVPLN	DTVP1487	PLN

After Analysis

Results for: 40A WI KENOSHA BLCDT 20040206AAT LIC
 HAAT 358.0 m, ATV ERP 830.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2970168	27275.9
not affected by terrain losses	2961002	27128.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	14164	477.3
lost to ATV IX only	14164	477.3
lost to all IX	14164	477.3

Potential Interfering Stations Included in above Scenario 7

39A WI GREEN BAY	BLCDT	20051004ABD	LIC
41A IL FREEPORT	BLCDT	20041012AIQ	LIC
41A WI GREEN BAY	DTVPLN	DTVP1487	PLN
40A MI TRAVERSE CITY	USERRECORD01		APP

Percent new IX = 0.0022%

Result key: 8
 Scenario 8 Affected station 19 WPXE-TV
 Before Analysis

Results for: 40A WI KENOSHA BLCDT 20040206AAT LIC
 HAAT 358.0 m, ATV ERP 830.0 kW

	POPULATION	AREA (sq km)
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within Noise Limited Contour	2970168	27275.9
not affected by terrain losses	2961002	27128.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	13882	469.5
lost to ATV IX only	13882	469.5
lost to all IX	13882	469.5

Potential Interfering Stations Included in above Scenario 8

39A WI GREEN BAY	BLCDDT	20051004ABD	LIC
41A IL FREEPORT	BLCDDT	20041012AIQ	LIC
41A WI GREEN BAY	BMPCDDT	20080207AAN	CP

After Analysis

Results for: 40A WI KENOSHA BLCDDT 20040206AAT LIC
HAAT 358.0 m, ATV ERP 830.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2970168	27275.9
not affected by terrain losses	2961002	27128.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	13946	470.5
lost to ATV IX only	13946	470.5
lost to all IX	13946	470.5

Potential Interfering Stations Included in above Scenario 8

39A WI GREEN BAY	BLCDDT	20051004ABD	LIC
41A IL FREEPORT	BLCDDT	20041012AIQ	LIC
41A WI GREEN BAY	BMPCDDT	20080207AAN	CP
40A MI TRAVERSE CITY	USERRECORD01		APP

Percent new IX = 0.0022%

Result key: 9
Scenario 9 Affected station 19 WPXE-TV
Before Analysis

Results for: 40A WI KENOSHA BLCDDT 20040206AAT LIC
HAAT 358.0 m, ATV ERP 830.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2970168	27275.9
not affected by terrain losses	2961002	27128.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	13894	473.4
lost to ATV IX only	13894	473.4
lost to all IX	13894	473.4

Potential Interfering Stations Included in above Scenario 9

39A WI GREEN BAY	DTVPLN	DTVP1420	PLN
41A IL FREEPORT	BMPCDDT	20050103AFQ	CP
41A WI GREEN BAY	DTVPLN	DTVP1487	PLN

After Analysis

Results for: 40A WI KENOSHA BLCDDT 20040206AAT LIC
HAAT 358.0 m, ATV ERP 830.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2970168	27275.9
not affected by terrain losses	2961002	27128.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	13958	474.4
lost to ATV IX only	13958	474.4
lost to all IX	13958	474.4

Potential Interfering Stations Included in above Scenario 9

39A WI GREEN BAY	DTVPLN	DTVP1420	PLN
41A IL FREEPORT	BMPCDDT	20050103AFQ	CP
41A WI GREEN BAY	DTVPLN	DTVP1487	PLN

40A MI TRAVERSE CITY USERRECORD01 APP

Percent new IX = 0.0022%

Result key: 10
 Scenario 10 Affected station 19 WPXE-TV
 Before Analysis

Results for: 40A WI KENOSHA BLCDT 20040206AAT LIC
 HAAT 358.0 m, ATV ERP 830.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2970168	27275.9
not affected by terrain losses	2961002	27128.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	13676	466.5
lost to ATV IX only	13676	466.5
lost to all IX	13676	466.5

Potential Interfering Stations Included in above Scenario 10

39A WI GREEN BAY	DTVPLN	DTVP1420	PLN
41A IL FREEPORT	BMPCDT	20050103AFQ	CP
41A WI GREEN BAY	BMPCDT	20080207AAN	CP

After Analysis

Results for: 40A WI KENOSHA BLCDT 20040206AAT LIC
 HAAT 358.0 m, ATV ERP 830.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2970168	27275.9
not affected by terrain losses	2961002	27128.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	13740	467.5
lost to ATV IX only	13740	467.5
lost to all IX	13740	467.5

Potential Interfering Stations Included in above Scenario 10

39A WI GREEN BAY	DTVPLN	DTVP1420	PLN
41A IL FREEPORT	BMPCDT	20050103AFQ	CP
41A WI GREEN BAY	BMPCDT	20080207AAN	CP
40A MI TRAVERSE CITY	USERRECORD01		APP

Percent new IX = 0.0022%

Result key: 11
 Scenario 11 Affected station 19 WPXE-TV
 Before Analysis

Results for: 40A WI KENOSHA BLCDT 20040206AAT LIC
 HAAT 358.0 m, ATV ERP 830.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2970168	27275.9
not affected by terrain losses	2961002	27128.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	13894	473.4
lost to ATV IX only	13894	473.4
lost to all IX	13894	473.4

Potential Interfering Stations Included in above Scenario 11

39A WI GREEN BAY	DTVPLN	DTVP1420	PLN
41A IL FREEPORT	DTVPLN	DTVP1469	PLN
41A WI GREEN BAY	DTVPLN	DTVP1487	PLN

After Analysis

Results for: 40A WI KENOSHA BLCDT 20040206AAT LIC
 HAAT 358.0 m, ATV ERP 830.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2970168	27275.9

not affected by terrain losses	2961002	27128.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	13958	474.4
lost to ATV IX only	13958	474.4
lost to all IX	13958	474.4

Potential Interfering Stations Included in above Scenario 11

39A WI GREEN BAY	DTVPLN	DTVP1420	PLN
41A IL FREEPORT	DTVPLN	DTVP1469	PLN
41A WI GREEN BAY	DTVPLN	DTVP1487	PLN
40A MI TRAVERSE CITY	USERRECORD01		APP

Percent new IX = 0.0022%

Result key: 12
 Scenario 12 Affected station 19 WPXE-TV
 Before Analysis

Results for: 40A WI KENOSHA BLCDDT 20040206AAT LIC
 HAAT 358.0 m, ATV ERP 830.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2970168	27275.9
not affected by terrain losses	2961002	27128.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	13676	466.5
lost to ATV IX only	13676	466.5
lost to all IX	13676	466.5

Potential Interfering Stations Included in above Scenario 12

39A WI GREEN BAY	DTVPLN	DTVP1420	PLN
41A IL FREEPORT	DTVPLN	DTVP1469	PLN
41A WI GREEN BAY	BMPCDDT	20080207AAN	CP

After Analysis

Results for: 40A WI KENOSHA BLCDDT 20040206AAT LIC
 HAAT 358.0 m, ATV ERP 830.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2970168	27275.9
not affected by terrain losses	2961002	27128.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	13740	467.5
lost to ATV IX only	13740	467.5
lost to all IX	13740	467.5

Potential Interfering Stations Included in above Scenario 12

39A WI GREEN BAY	DTVPLN	DTVP1420	PLN
41A IL FREEPORT	DTVPLN	DTVP1469	PLN
41A WI GREEN BAY	BMPCDDT	20080207AAN	CP
40A MI TRAVERSE CITY	USERRECORD01		APP

Percent new IX = 0.0022%

Result key: 13
 Scenario 13 Affected station 19 WPXE-TV
 Before Analysis

Results for: 40A WI KENOSHA BLCDDT 20040206AAT LIC
 HAAT 358.0 m, ATV ERP 830.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2970168	27275.9
not affected by terrain losses	2961002	27128.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	14430	488.1
lost to ATV IX only	14430	488.1
lost to all IX	14430	488.1

Potential Interfering Stations Included in above Scenario 13

39A WI GREEN BAY	DTVPLN	DTVP1420	PLN
41A IL FREEPORT	BMPCDT	20081110ADQ	CP
41A WI GREEN BAY	DTVPLN	DTVP1487	PLN

After Analysis

Results for: 40A WI KENOSHA BLCDDT 20040206AAT LIC
 HAAT 358.0 m, ATV ERP 830.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2970168	27275.9
not affected by terrain losses	2961002	27128.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	14494	489.1
lost to ATV IX only	14494	489.1
lost to all IX	14494	489.1

Potential Interfering Stations Included in above Scenario 13

39A WI GREEN BAY	DTVPLN	DTVP1420	PLN
41A IL FREEPORT	BMPCDT	20081110ADQ	CP
41A WI GREEN BAY	DTVPLN	DTVP1487	PLN
40A MI TRAVERSE CITY	USERRECORD01		APP

Percent new IX = 0.0022%

Result key: 14
 Scenario 14 Affected station 19 WPXE-TV
 Before Analysis

Results for: 40A WI KENOSHA BLCDDT 20040206AAT LIC
 HAAT 358.0 m, ATV ERP 830.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2970168	27275.9
not affected by terrain losses	2961002	27128.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	14212	481.2
lost to ATV IX only	14212	481.2
lost to all IX	14212	481.2

Potential Interfering Stations Included in above Scenario 14

39A WI GREEN BAY	DTVPLN	DTVP1420	PLN
41A IL FREEPORT	BMPCDT	20081110ADQ	CP
41A WI GREEN BAY	BMPCDT	20080207AAN	CP

After Analysis

Results for: 40A WI KENOSHA BLCDDT 20040206AAT LIC
 HAAT 358.0 m, ATV ERP 830.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2970168	27275.9
not affected by terrain losses	2961002	27128.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	14276	482.2
lost to ATV IX only	14276	482.2
lost to all IX	14276	482.2

Potential Interfering Stations Included in above Scenario 14

39A WI GREEN BAY	DTVPLN	DTVP1420	PLN
41A IL FREEPORT	BMPCDT	20081110ADQ	CP
41A WI GREEN BAY	BMPCDT	20080207AAN	CP
40A MI TRAVERSE CITY	USERRECORD01		APP

Percent new IX = 0.0022%

Result key: 15
 Scenario 15 Affected station 19 WPXE-TV
 Before Analysis

Results for: 40A WI KENOSHA BLCDT 20040206AAT LIC
 HAAT 358.0 m, ATV ERP 830.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2970168	27275.9
not affected by terrain losses	2961002	27128.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	14100	476.3
lost to ATV IX only	14100	476.3
lost to all IX	14100	476.3

Potential Interfering Stations Included in above Scenario 15

39A WI GREEN BAY	DTVPLN	DTVP1420	PLN
41A IL FREEPORT	BLCDT	20041012AIQ	LIC
41A WI GREEN BAY	DTVPLN	DTVP1487	PLN

After Analysis

Results for: 40A WI KENOSHA BLCDT 20040206AAT LIC
 HAAT 358.0 m, ATV ERP 830.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2970168	27275.9
not affected by terrain losses	2961002	27128.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	14164	477.3
lost to ATV IX only	14164	477.3
lost to all IX	14164	477.3

Potential Interfering Stations Included in above Scenario 15

39A WI GREEN BAY	DTVPLN	DTVP1420	PLN
41A IL FREEPORT	BLCDT	20041012AIQ	LIC
41A WI GREEN BAY	DTVPLN	DTVP1487	PLN
40A MI TRAVERSE CITY	USERRECORD01		APP

Percent new IX = 0.0022%

Result key: 16
 Scenario 16 Affected station 19 WPXE-TV
 Before Analysis

Results for: 40A WI KENOSHA BLCDT 20040206AAT LIC
 HAAT 358.0 m, ATV ERP 830.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2970168	27275.9
not affected by terrain losses	2961002	27128.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	13882	469.5
lost to ATV IX only	13882	469.5
lost to all IX	13882	469.5

Potential Interfering Stations Included in above Scenario 16

39A WI GREEN BAY	DTVPLN	DTVP1420	PLN
41A IL FREEPORT	BLCDT	20041012AIQ	LIC
41A WI GREEN BAY	BMPCDT	20080207AAN	CP

After Analysis

Results for: 40A WI KENOSHA BLCDT 20040206AAT LIC
 HAAT 358.0 m, ATV ERP 830.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2970168	27275.9
not affected by terrain losses	2961002	27128.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	13946	470.5
lost to ATV IX only	13946	470.5
lost to all IX	13946	470.5

Potential Interfering Stations Included in above Scenario 16

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39A WI GREEN BAY	DTVPLN	DTVP1420	PLN
41A IL FREEPORT	BLCDDT	20041012AIQ	LIC
41A WI GREEN BAY	BMPDDT	20080207AAN	CP
40A MI TRAVERSE CITY	USERRECORD01		APP

Percent new IX = 0.0022%

Result key: 17
 Scenario 17 Affected station 19 WPXE-TV
 Before Analysis

Results for: 40A WI KENOSHA BLCDDT 20040206AAT LIC
 HAAT 358.0 m, ATV ERP 830.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2970168	27275.9
not affected by terrain losses	2961002	27128.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	15078	532.2
lost to ATV IX only	15078	532.2
lost to all IX	15078	532.2

Potential Interfering Stations Included in above Scenario 17

39A WI GREEN BAY	BLCDDT	20051004ABD	LIC
41A IL FREEPORT	BMPDDT	20050103AFQ	CP
41A WI GREEN BAY	BMPDDT	20080620AEI	APP

After Analysis

Results for: 40A WI KENOSHA BLCDDT 20040206AAT LIC
 HAAT 358.0 m, ATV ERP 830.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2970168	27275.9
not affected by terrain losses	2961002	27128.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	15142	533.2
lost to ATV IX only	15142	533.2
lost to all IX	15142	533.2

Potential Interfering Stations Included in above Scenario 17

39A WI GREEN BAY	BLCDDT	20051004ABD	LIC
41A IL FREEPORT	BMPDDT	20050103AFQ	CP
41A WI GREEN BAY	BMPDDT	20080620AEI	APP
40A MI TRAVERSE CITY	USERRECORD01		APP

Percent new IX = 0.0022%

Result key: 18
 Scenario 18 Affected station 19 WPXE-TV
 Before Analysis

Results for: 40A WI KENOSHA BLCDDT 20040206AAT LIC
 HAAT 358.0 m, ATV ERP 830.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2970168	27275.9
not affected by terrain losses	2961002	27128.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	13894	473.4
lost to ATV IX only	13894	473.4
lost to all IX	13894	473.4

Potential Interfering Stations Included in above Scenario 18

39A WI GREEN BAY	BLCDDT	20051004ABD	LIC
41A IL FREEPORT	BMPDDT	20050103AFQ	CP
41A WI GREEN BAY	DTVPLN	DTVP1487	PLN

After Analysis

Results for: 40A WI KENOSHA BLCDDT 20040206AAT LIC

HAAT 358.0 m, ATV ERP 830.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2970168	27275.9
not affected by terrain losses	2961002	27128.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	13958	474.4
lost to ATV IX only	13958	474.4
lost to all IX	13958	474.4

Potential Interfering Stations Included in above Scenario 18

39A WI GREEN BAY	BLCDDT	20051004ABD	LIC
41A IL FREEPORT	BMPCDDT	20050103AFQ	CP
41A WI GREEN BAY	DTVPLN	DTVP1487	PLN
40A MI TRAVERSE CITY	USERRECORD01		APP

Percent new IX = 0.0022%

Result key: 19

Scenario 19 Affected station 19 WPXE-TV
Before Analysis

Results for: 40A WI KENOSHA BLCDDT 20040206AAT LIC

HAAT 358.0 m, ATV ERP 830.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2970168	27275.9
not affected by terrain losses	2961002	27128.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	13676	466.5
lost to ATV IX only	13676	466.5
lost to all IX	13676	466.5

Potential Interfering Stations Included in above Scenario 19

39A WI GREEN BAY	BLCDDT	20051004ABD	LIC
41A IL FREEPORT	BMPCDDT	20050103AFQ	CP
41A WI GREEN BAY	BMPCDDT	20080207AAN	CP

After Analysis

Results for: 40A WI KENOSHA BLCDDT 20040206AAT LIC

HAAT 358.0 m, ATV ERP 830.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2970168	27275.9
not affected by terrain losses	2961002	27128.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	13740	467.5
lost to ATV IX only	13740	467.5
lost to all IX	13740	467.5

Potential Interfering Stations Included in above Scenario 19

39A WI GREEN BAY	BLCDDT	20051004ABD	LIC
41A IL FREEPORT	BMPCDDT	20050103AFQ	CP
41A WI GREEN BAY	BMPCDDT	20080207AAN	CP
40A MI TRAVERSE CITY	USERRECORD01		APP

Percent new IX = 0.0022%

Result key: 20

Scenario 20 Affected station 19 WPXE-TV
Before Analysis

Results for: 40A WI KENOSHA BLCDDT 20040206AAT LIC

HAAT 358.0 m, ATV ERP 830.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2970168	27275.9
not affected by terrain losses	2961002	27128.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	15078	532.2
lost to ATV IX only	15078	532.2

lost to all IX 15078 532.2

Potential Interfering Stations Included in above Scenario 20

39A WI GREEN BAY	BLCDT	20051004ABD	LIC
41A IL FREEPORT	DTVPLN	DTVP1469	PLN
41A WI GREEN BAY	BMPCDT	20080620AEI	APP

After Analysis

Results for: 40A WI KENOSHA BLCDT 20040206AAT LIC
HAAT 358.0 m, ATV ERP 830.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2970168	27275.9
not affected by terrain losses	2961002	27128.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	15142	533.2
lost to ATV IX only	15142	533.2
lost to all IX	15142	533.2

Potential Interfering Stations Included in above Scenario 20

39A WI GREEN BAY	BLCDT	20051004ABD	LIC
41A IL FREEPORT	DTVPLN	DTVP1469	PLN
41A WI GREEN BAY	BMPCDT	20080620AEI	APP
40A MI TRAVERSE CITY	USERRECORD01		APP

Percent new IX = 0.0022%

Result key: 21

Scenario 21 Affected station 19 WPXE-TV
Before Analysis

Results for: 40A WI KENOSHA BLCDT 20040206AAT LIC
HAAT 358.0 m, ATV ERP 830.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2970168	27275.9
not affected by terrain losses	2961002	27128.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	13894	473.4
lost to ATV IX only	13894	473.4
lost to all IX	13894	473.4

Potential Interfering Stations Included in above Scenario 21

39A WI GREEN BAY	BLCDT	20051004ABD	LIC
41A IL FREEPORT	DTVPLN	DTVP1469	PLN
41A WI GREEN BAY	DTVPLN	DTVP1487	PLN

After Analysis

Results for: 40A WI KENOSHA BLCDT 20040206AAT LIC
HAAT 358.0 m, ATV ERP 830.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2970168	27275.9
not affected by terrain losses	2961002	27128.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	13958	474.4
lost to ATV IX only	13958	474.4
lost to all IX	13958	474.4

Potential Interfering Stations Included in above Scenario 21

39A WI GREEN BAY	BLCDT	20051004ABD	LIC
41A IL FREEPORT	DTVPLN	DTVP1469	PLN
41A WI GREEN BAY	DTVPLN	DTVP1487	PLN
40A MI TRAVERSE CITY	USERRECORD01		APP

Percent new IX = 0.0022%

Result key: 22

Scenario 22 Affected station 19 WPXE-TV
Before Analysis

Results for: 40A WI KENOSHA BLCDT 20040206AAT LIC
HAAT 358.0 m, ATV ERP 830.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2970168	27275.9
not affected by terrain losses	2961002	27128.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	13676	466.5
lost to ATV IX only	13676	466.5
lost to all IX	13676	466.5

Potential Interfering Stations Included in above Scenario 22

39A WI GREEN BAY	BLCDT	20051004ABD	LIC
41A IL FREEPORT	DTVPLN	DTVP1469	PLN
41A WI GREEN BAY	BMPCDT	20080207AAN	CP

After Analysis

Results for: 40A WI KENOSHA BLCDT 20040206AAT LIC
HAAT 358.0 m, ATV ERP 830.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2970168	27275.9
not affected by terrain losses	2961002	27128.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	13740	467.5
lost to ATV IX only	13740	467.5
lost to all IX	13740	467.5

Potential Interfering Stations Included in above Scenario 22

39A WI GREEN BAY	BLCDT	20051004ABD	LIC
41A IL FREEPORT	DTVPLN	DTVP1469	PLN
41A WI GREEN BAY	BMPCDT	20080207AAN	CP
40A MI TRAVERSE CITY	USERRECORD01		APP

Percent new IX = 0.0022%

Result key: 23
Scenario 23 Affected station 19 WPXE-TV
Before Analysis

Results for: 40A WI KENOSHA BLCDT 20040206AAT LIC
HAAT 358.0 m, ATV ERP 830.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2970168	27275.9
not affected by terrain losses	2961002	27128.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	27216	645.9
lost to ATV IX only	27216	645.9
lost to all IX	27216	645.9

Potential Interfering Stations Included in above Scenario 23

39A WI GREEN BAY	BLCDT	20051004ABD	LIC
41A IL FREEPORT	BPRM	20080620AOH	APP
41A WI GREEN BAY	BMPCDT	20080620AEI	APP

After Analysis

Results for: 40A WI KENOSHA BLCDT 20040206AAT LIC
HAAT 358.0 m, ATV ERP 830.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2970168	27275.9
not affected by terrain losses	2961002	27128.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	27280	646.9
lost to ATV IX only	27280	646.9
lost to all IX	27280	646.9

Potential Interfering Stations Included in above Scenario 23

39A WI GREEN BAY	BLCDT	20051004ABD	LIC
41A IL FREEPORT	BPRM	20080620AOH	APP
41A WI GREEN BAY	BMPCDT	20080620AEI	APP
40A MI TRAVERSE CITY	USERRECORD01		APP

Percent new IX = 0.0022%

Result key: 24
 Scenario 24 Affected station 19 WPXE-TV
 Before Analysis

Results for: 40A WI KENOSHA BLCDT 20040206AAT LIC
 HAAT 358.0 m, ATV ERP 830.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2970168	27275.9
not affected by terrain losses	2961002	27128.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	26032	587.1
lost to ATV IX only	26032	587.1
lost to all IX	26032	587.1

Potential Interfering Stations Included in above Scenario 24

39A WI GREEN BAY	BLCDT	20051004ABD	LIC
41A IL FREEPORT	BPRM	20080620AOH	APP
41A WI GREEN BAY	DTVPLN	DTVP1487	PLN

After Analysis

Results for: 40A WI KENOSHA BLCDT 20040206AAT LIC
 HAAT 358.0 m, ATV ERP 830.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2970168	27275.9
not affected by terrain losses	2961002	27128.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	26096	588.1
lost to ATV IX only	26096	588.1
lost to all IX	26096	588.1

Potential Interfering Stations Included in above Scenario 24

39A WI GREEN BAY	BLCDT	20051004ABD	LIC
41A IL FREEPORT	BPRM	20080620AOH	APP
41A WI GREEN BAY	DTVPLN	DTVP1487	PLN
40A MI TRAVERSE CITY	USERRECORD01		APP

Percent new IX = 0.0022%

Result key: 25
 Scenario 25 Affected station 19 WPXE-TV
 Before Analysis

Results for: 40A WI KENOSHA BLCDT 20040206AAT LIC
 HAAT 358.0 m, ATV ERP 830.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2970168	27275.9
not affected by terrain losses	2961002	27128.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	25814	580.2
lost to ATV IX only	25814	580.2
lost to all IX	25814	580.2

Potential Interfering Stations Included in above Scenario 25

39A WI GREEN BAY	BLCDT	20051004ABD	LIC
41A IL FREEPORT	BPRM	20080620AOH	APP
41A WI GREEN BAY	BMPCDT	20080207AAN	CP

After Analysis

Results for: 40A WI KENOSHA BLCDT 20040206AAT LIC
 HAAT 358.0 m, ATV ERP 830.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2970168	27275.9
not affected by terrain losses	2961002	27128.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	25878	581.2
lost to ATV IX only	25878	581.2
lost to all IX	25878	581.2

Potential Interfering Stations Included in above Scenario 25

39A WI GREEN BAY	BLCDT	20051004ABD	LIC
41A IL FREEPORT	BPRM	20080620AOH	APP
41A WI GREEN BAY	BMPCDT	20080207AAN	CP
40A MI TRAVERSE CITY	USERRECORD01		APP

Percent new IX = 0.0022%

Result key: 26
 Scenario 26 Affected station 19 WPXE-TV
 Before Analysis

Results for: 40A WI KENOSHA BLCDT 20040206AAT LIC
 HAAT 358.0 m, ATV ERP 830.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2970168	27275.9
not affected by terrain losses	2961002	27128.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	15614	546.9
lost to ATV IX only	15614	546.9
lost to all IX	15614	546.9

Potential Interfering Stations Included in above Scenario 26

39A WI GREEN BAY	BLCDT	20051004ABD	LIC
41A IL FREEPORT	BMPCDT	20081110ADQ	CP
41A WI GREEN BAY	BMPCDT	20080620AEI	APP

After Analysis

Results for: 40A WI KENOSHA BLCDT 20040206AAT LIC
 HAAT 358.0 m, ATV ERP 830.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2970168	27275.9
not affected by terrain losses	2961002	27128.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	15678	547.9
lost to ATV IX only	15678	547.9
lost to all IX	15678	547.9

Potential Interfering Stations Included in above Scenario 26

39A WI GREEN BAY	BLCDT	20051004ABD	LIC
41A IL FREEPORT	BMPCDT	20081110ADQ	CP
41A WI GREEN BAY	BMPCDT	20080620AEI	APP
40A MI TRAVERSE CITY	USERRECORD01		APP

Percent new IX = 0.0022%

Result key: 27
 Scenario 27 Affected station 19 WPXE-TV
 Before Analysis

Results for: 40A WI KENOSHA BLCDT 20040206AAT LIC
 HAAT 358.0 m, ATV ERP 830.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2970168	27275.9
not affected by terrain losses	2961002	27128.9

lost to NTSC IX	0	0.0
lost to additional IX by ATV	14430	488.1
lost to ATV IX only	14430	488.1
lost to all IX	14430	488.1

Potential Interfering Stations Included in above Scenario 27

39A WI GREEN BAY	BLCDDT	20051004ABD	LIC
41A IL FREEPORT	BMPDDT	20081110ADQ	CP
41A WI GREEN BAY	DTVPLN	DTVP1487	PLN

After Analysis

Results for: 40A WI KENOSHA BLCDDT 20040206AAT LIC
HAAT 358.0 m, ATV ERP 830.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2970168	27275.9
not affected by terrain losses	2961002	27128.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	14494	489.1
lost to ATV IX only	14494	489.1
lost to all IX	14494	489.1

Potential Interfering Stations Included in above Scenario 27

39A WI GREEN BAY	BLCDDT	20051004ABD	LIC
41A IL FREEPORT	BMPDDT	20081110ADQ	CP
41A WI GREEN BAY	DTVPLN	DTVP1487	PLN
40A MI TRAVERSE CITY	USERRECORD01		APP

Percent new IX = 0.0022%

Result key: 28
Scenario 28 Affected station 19 WPXE-TV
Before Analysis

Results for: 40A WI KENOSHA BLCDDT 20040206AAT LIC
HAAT 358.0 m, ATV ERP 830.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2970168	27275.9
not affected by terrain losses	2961002	27128.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	14212	481.2
lost to ATV IX only	14212	481.2
lost to all IX	14212	481.2

Potential Interfering Stations Included in above Scenario 28

39A WI GREEN BAY	BLCDDT	20051004ABD	LIC
41A IL FREEPORT	BMPDDT	20081110ADQ	CP
41A WI GREEN BAY	BMPDDT	20080207AAN	CP

After Analysis

Results for: 40A WI KENOSHA BLCDDT 20040206AAT LIC
HAAT 358.0 m, ATV ERP 830.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2970168	27275.9
not affected by terrain losses	2961002	27128.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	14276	482.2
lost to ATV IX only	14276	482.2
lost to all IX	14276	482.2

Potential Interfering Stations Included in above Scenario 28

39A WI GREEN BAY	BLCDDT	20051004ABD	LIC
41A IL FREEPORT	BMPDDT	20081110ADQ	CP
41A WI GREEN BAY	BMPDDT	20080207AAN	CP
40A MI TRAVERSE CITY	USERRECORD01		APP

Percent new IX = 0.0022%

Result key: 29
 Scenario 29 Affected station 19 WPXE-TV
 Before Analysis

Results for: 40A WI KENOSHA BLCDT 20040206AAT LIC
 HAAT 358.0 m, ATV ERP 830.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2970168	27275.9
not affected by terrain losses	2961002	27128.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	15284	535.1
lost to ATV IX only	15284	535.1
lost to all IX	15284	535.1

Potential Interfering Stations Included in above Scenario 29

39A WI GREEN BAY	BLCDT	20051004ABD	LIC
41A IL FREEPORT	BLCDT	20041012AIQ	LIC
41A WI GREEN BAY	BMPCDT	20080620AEI	APP

After Analysis

Results for: 40A WI KENOSHA BLCDT 20040206AAT LIC
 HAAT 358.0 m, ATV ERP 830.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2970168	27275.9
not affected by terrain losses	2961002	27128.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	15348	536.1
lost to ATV IX only	15348	536.1
lost to all IX	15348	536.1

Potential Interfering Stations Included in above Scenario 29

39A WI GREEN BAY	BLCDT	20051004ABD	LIC
41A IL FREEPORT	BLCDT	20041012AIQ	LIC
41A WI GREEN BAY	BMPCDT	20080620AEI	APP
40A MI TRAVERSE CITY	USERRECORD01		APP

Percent new IX = 0.0022%

Result key: 30
 Scenario 30 Affected station 19 WPXE-TV
 Before Analysis

Results for: 40A WI KENOSHA BLCDT 20040206AAT LIC
 HAAT 358.0 m, ATV ERP 830.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2970168	27275.9
not affected by terrain losses	2961002	27128.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	14100	476.3
lost to ATV IX only	14100	476.3
lost to all IX	14100	476.3

Potential Interfering Stations Included in above Scenario 30

39A WI GREEN BAY	BLCDT	20051004ABD	LIC
41A IL FREEPORT	BLCDT	20041012AIQ	LIC
41A WI GREEN BAY	DTVPLN	DTVP1487	PLN

After Analysis

Results for: 40A WI KENOSHA BLCDT 20040206AAT LIC
 HAAT 358.0 m, ATV ERP 830.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2970168	27275.9
not affected by terrain losses	2961002	27128.9
lost to NTSC IX	0	0.0

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lost to additional IX by ATV	14164	477.3
lost to ATV IX only	14164	477.3
lost to all IX	14164	477.3

Potential Interfering Stations Included in above Scenario 30

39A WI GREEN BAY	BLCDDT	20051004ABD	LIC
41A IL FREEPORT	BLCDDT	20041012AIQ	LIC
41A WI GREEN BAY	DTVPLN	DTVP1487	PLN
40A MI TRAVERSE CITY	USERRECORD01		APP

Percent new IX = 0.0022%

Result key: 31
 Scenario 31 Affected station 19 WPXE-TV
 Before Analysis

Results for: 40A WI KENOSHA BLCDDT 20040206AAT LIC
 HAAT 358.0 m, ATV ERP 830.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2970168	27275.9
not affected by terrain losses	2961002	27128.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	13882	469.5
lost to ATV IX only	13882	469.5
lost to all IX	13882	469.5

Potential Interfering Stations Included in above Scenario 31

39A WI GREEN BAY	BLCDDT	20051004ABD	LIC
41A IL FREEPORT	BLCDDT	20041012AIQ	LIC
41A WI GREEN BAY	BMPCDDT	20080207AAN	CP

After Analysis

Results for: 40A WI KENOSHA BLCDDT 20040206AAT LIC
 HAAT 358.0 m, ATV ERP 830.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2970168	27275.9
not affected by terrain losses	2961002	27128.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	13946	470.5
lost to ATV IX only	13946	470.5
lost to all IX	13946	470.5

Potential Interfering Stations Included in above Scenario 31

39A WI GREEN BAY	BLCDDT	20051004ABD	LIC
41A IL FREEPORT	BLCDDT	20041012AIQ	LIC
41A WI GREEN BAY	BMPCDDT	20080207AAN	CP
40A MI TRAVERSE CITY	USERRECORD01		APP

Percent new IX = 0.0022%

Result key: 32
 Scenario 32 Affected station 19 WPXE-TV
 Before Analysis

Results for: 40A WI KENOSHA BLCDDT 20040206AAT LIC
 HAAT 358.0 m, ATV ERP 830.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2970168	27275.9
not affected by terrain losses	2961002	27128.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	15078	532.2
lost to ATV IX only	15078	532.2
lost to all IX	15078	532.2

Potential Interfering Stations Included in above Scenario 32

39A WI GREEN BAY	DTVPLN	DTVP1420	PLN
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41A IL FREEPORT	BMPCDT	20050103AFQ	CP
41A WI GREEN BAY	BMPCDT	20080620AEI	APP

After Analysis

Results for: 40A WI KENOSHA BLCDT 20040206AAT LIC
 HAAT 358.0 m, ATV ERP 830.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2970168	27275.9
not affected by terrain losses	2961002	27128.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	15142	533.2
lost to ATV IX only	15142	533.2
lost to all IX	15142	533.2

Potential Interfering Stations Included in above Scenario 32

39A WI GREEN BAY	DTVPLN	DTVP1420	PLN
41A IL FREEPORT	BMPCDT	20050103AFQ	CP
41A WI GREEN BAY	BMPCDT	20080620AEI	APP
40A MI TRAVERSE CITY	USERRECORD01		APP

Percent new IX = 0.0022%

Result key: 33
 Scenario 33 Affected station 19 WPXE-TV
 Before Analysis

Results for: 40A WI KENOSHA BLCDT 20040206AAT LIC
 HAAT 358.0 m, ATV ERP 830.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2970168	27275.9
not affected by terrain losses	2961002	27128.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	13894	473.4
lost to ATV IX only	13894	473.4
lost to all IX	13894	473.4

Potential Interfering Stations Included in above Scenario 33

39A WI GREEN BAY	DTVPLN	DTVP1420	PLN
41A IL FREEPORT	BMPCDT	20050103AFQ	CP
41A WI GREEN BAY	DTVPLN	DTVP1487	PLN

After Analysis

Results for: 40A WI KENOSHA BLCDT 20040206AAT LIC
 HAAT 358.0 m, ATV ERP 830.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2970168	27275.9
not affected by terrain losses	2961002	27128.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	13958	474.4
lost to ATV IX only	13958	474.4
lost to all IX	13958	474.4

Potential Interfering Stations Included in above Scenario 33

39A WI GREEN BAY	DTVPLN	DTVP1420	PLN
41A IL FREEPORT	BMPCDT	20050103AFQ	CP
41A WI GREEN BAY	DTVPLN	DTVP1487	PLN
40A MI TRAVERSE CITY	USERRECORD01		APP

Percent new IX = 0.0022%

Result key: 34
 Scenario 34 Affected station 19 WPXE-TV
 Before Analysis

Results for: 40A WI KENOSHA BLCDT 20040206AAT LIC
 HAAT 358.0 m, ATV ERP 830.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2970168	27275.9
not affected by terrain losses	2961002	27128.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	13676	466.5
lost to ATV IX only	13676	466.5
lost to all IX	13676	466.5

Potential Interfering Stations Included in above Scenario 34

39A WI GREEN BAY	DTVPLN	DTVP1420	PLN
41A IL FREEPORT	BMPCDT	20050103AFQ	CP
41A WI GREEN BAY	BMPCDT	20080207AAN	CP

After Analysis

Results for: 40A WI KENOSHA BLCDT 20040206AAT LIC
HAAT 358.0 m, ATV ERP 830.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2970168	27275.9
not affected by terrain losses	2961002	27128.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	13740	467.5
lost to ATV IX only	13740	467.5
lost to all IX	13740	467.5

Potential Interfering Stations Included in above Scenario 34

39A WI GREEN BAY	DTVPLN	DTVP1420	PLN
41A IL FREEPORT	BMPCDT	20050103AFQ	CP
41A WI GREEN BAY	BMPCDT	20080207AAN	CP
40A MI TRAVERSE CITY	USERRECORD01		APP

Percent new IX = 0.0022%

Result key: 35
Scenario 35 Affected station 19 WPXE-TV
Before Analysis

Results for: 40A WI KENOSHA BLCDT 20040206AAT LIC
HAAT 358.0 m, ATV ERP 830.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2970168	27275.9
not affected by terrain losses	2961002	27128.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	15078	532.2
lost to ATV IX only	15078	532.2
lost to all IX	15078	532.2

Potential Interfering Stations Included in above Scenario 35

39A WI GREEN BAY	DTVPLN	DTVP1420	PLN
41A IL FREEPORT	DTVPLN	DTVP1469	PLN
41A WI GREEN BAY	BMPCDT	20080620AEI	APP

After Analysis

Results for: 40A WI KENOSHA BLCDT 20040206AAT LIC
HAAT 358.0 m, ATV ERP 830.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2970168	27275.9
not affected by terrain losses	2961002	27128.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	15142	533.2
lost to ATV IX only	15142	533.2
lost to all IX	15142	533.2

Potential Interfering Stations Included in above Scenario 35

39A WI GREEN BAY	DTVPLN	DTVP1420	PLN
41A IL FREEPORT	DTVPLN	DTVP1469	PLN

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41A WI GREEN BAY BMPCDT 20080620AEI APP
40A MI TRAVERSE CITY USERRECORD01 APP

Percent new IX = 0.0022%

Result key: 36
Scenario 36 Affected station 19 WPXE-TV
Before Analysis

Results for: 40A WI KENOSHA BLCDT 20040206AAT LIC
HAAT 358.0 m, ATV ERP 830.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2970168	27275.9
not affected by terrain losses	2961002	27128.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	13894	473.4
lost to ATV IX only	13894	473.4
lost to all IX	13894	473.4

Potential Interfering Stations Included in above Scenario 36

39A WI GREEN BAY DTVPLN DTVP1420 PLN
41A IL FREEPORT DTVPLN DTVP1469 PLN
41A WI GREEN BAY DTVPLN DTVP1487 PLN

After Analysis

Results for: 40A WI KENOSHA BLCDT 20040206AAT LIC
HAAT 358.0 m, ATV ERP 830.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2970168	27275.9
not affected by terrain losses	2961002	27128.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	13958	474.4
lost to ATV IX only	13958	474.4
lost to all IX	13958	474.4

Potential Interfering Stations Included in above Scenario 36

39A WI GREEN BAY DTVPLN DTVP1420 PLN
41A IL FREEPORT DTVPLN DTVP1469 PLN
41A WI GREEN BAY DTVPLN DTVP1487 PLN
40A MI TRAVERSE CITY USERRECORD01 APP

Percent new IX = 0.0022%

Result key: 37
Scenario 37 Affected station 19 WPXE-TV
Before Analysis

Results for: 40A WI KENOSHA BLCDT 20040206AAT LIC
HAAT 358.0 m, ATV ERP 830.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2970168	27275.9
not affected by terrain losses	2961002	27128.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	13676	466.5
lost to ATV IX only	13676	466.5
lost to all IX	13676	466.5

Potential Interfering Stations Included in above Scenario 37

39A WI GREEN BAY DTVPLN DTVP1420 PLN
41A IL FREEPORT DTVPLN DTVP1469 PLN
41A WI GREEN BAY BMPCDT 20080207AAN CP

After Analysis

Results for: 40A WI KENOSHA BLCDT 20040206AAT LIC
HAAT 358.0 m, ATV ERP 830.0 kW

	POPULATION	AREA (sq km)
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within Noise Limited Contour	2970168	27275.9
not affected by terrain losses	2961002	27128.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	13740	467.5
lost to ATV IX only	13740	467.5
lost to all IX	13740	467.5

Potential Interfering Stations Included in above Scenario 37

39A WI GREEN BAY	DTVPLN	DTVP1420	PLN
41A IL FREEPORT	DTVPLN	DTVP1469	PLN
41A WI GREEN BAY	BMPCDT	20080207AAN	CP
40A MI TRAVERSE CITY	USERRECORD01		APP

Percent new IX = 0.0022%

Result key: 38
 Scenario 38 Affected station 19 WPXE-TV
 Before Analysis

Results for: 40A WI KENOSHA BLCDT 20040206AAT LIC
 HAAT 358.0 m, ATV ERP 830.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2970168	27275.9
not affected by terrain losses	2961002	27128.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	27216	645.9
lost to ATV IX only	27216	645.9
lost to all IX	27216	645.9

Potential Interfering Stations Included in above Scenario 38

39A WI GREEN BAY	DTVPLN	DTVP1420	PLN
41A IL FREEPORT	BPRM	20080620AOH	APP
41A WI GREEN BAY	BMPCDT	20080620AEI	APP

After Analysis

Results for: 40A WI KENOSHA BLCDT 20040206AAT LIC
 HAAT 358.0 m, ATV ERP 830.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2970168	27275.9
not affected by terrain losses	2961002	27128.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	27280	646.9
lost to ATV IX only	27280	646.9
lost to all IX	27280	646.9

Potential Interfering Stations Included in above Scenario 38

39A WI GREEN BAY	DTVPLN	DTVP1420	PLN
41A IL FREEPORT	BPRM	20080620AOH	APP
41A WI GREEN BAY	BMPCDT	20080620AEI	APP
40A MI TRAVERSE CITY	USERRECORD01		APP

Percent new IX = 0.0022%

Result key: 39
 Scenario 39 Affected station 19 WPXE-TV
 Before Analysis

Results for: 40A WI KENOSHA BLCDT 20040206AAT LIC
 HAAT 358.0 m, ATV ERP 830.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2970168	27275.9
not affected by terrain losses	2961002	27128.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	26032	587.1
lost to ATV IX only	26032	587.1
lost to all IX	26032	587.1

Potential Interfering Stations Included in above Scenario 39

39A WI GREEN BAY	DTVPLN	DTVP1420	PLN
41A IL FREEPORT	BPRM	20080620AOH	APP
41A WI GREEN BAY	DTVPLN	DTVP1487	PLN

After Analysis

Results for: 40A WI KENOSHA BLCDT 20040206AAT LIC
 HAAT 358.0 m, ATV ERP 830.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2970168	27275.9
not affected by terrain losses	2961002	27128.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	26096	588.1
lost to ATV IX only	26096	588.1
lost to all IX	26096	588.1

Potential Interfering Stations Included in above Scenario 39

39A WI GREEN BAY	DTVPLN	DTVP1420	PLN
41A IL FREEPORT	BPRM	20080620AOH	APP
41A WI GREEN BAY	DTVPLN	DTVP1487	PLN
40A MI TRAVERSE CITY	USERRECORD01		APP

Percent new IX = 0.0022%

Result key: 40
 Scenario 40 Affected station 19 WPXE-TV
 Before Analysis

Results for: 40A WI KENOSHA BLCDT 20040206AAT LIC
 HAAT 358.0 m, ATV ERP 830.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2970168	27275.9
not affected by terrain losses	2961002	27128.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	25814	580.2
lost to ATV IX only	25814	580.2
lost to all IX	25814	580.2

Potential Interfering Stations Included in above Scenario 40

39A WI GREEN BAY	DTVPLN	DTVP1420	PLN
41A IL FREEPORT	BPRM	20080620AOH	APP
41A WI GREEN BAY	BMPCDT	20080207AAN	CP

After Analysis

Results for: 40A WI KENOSHA BLCDT 20040206AAT LIC
 HAAT 358.0 m, ATV ERP 830.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2970168	27275.9
not affected by terrain losses	2961002	27128.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	25878	581.2
lost to ATV IX only	25878	581.2
lost to all IX	25878	581.2

Potential Interfering Stations Included in above Scenario 40

39A WI GREEN BAY	DTVPLN	DTVP1420	PLN
41A IL FREEPORT	BPRM	20080620AOH	APP
41A WI GREEN BAY	BMPCDT	20080207AAN	CP
40A MI TRAVERSE CITY	USERRECORD01		APP

Percent new IX = 0.0022%

Result key: 41
 Scenario 41 Affected station 19 WPXE-TV
 Before Analysis

Results for: 40A WI KENOSHA BLCDDT 20040206AAT LIC

HAAT 358.0 m, ATV ERP 830.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2970168	27275.9
not affected by terrain losses	2961002	27128.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	15614	546.9
lost to ATV IX only	15614	546.9
lost to all IX	15614	546.9

Potential Interfering Stations Included in above Scenario 41

39A WI GREEN BAY	DTVPLN	DTVP1420	PLN
41A IL FREEPORT	BMPCDT	20081110ADQ	CP
41A WI GREEN BAY	BMPCDT	20080620AEI	APP

After Analysis

Results for: 40A WI KENOSHA BLCDDT 20040206AAT LIC

HAAT 358.0 m, ATV ERP 830.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2970168	27275.9
not affected by terrain losses	2961002	27128.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	15678	547.9
lost to ATV IX only	15678	547.9
lost to all IX	15678	547.9

Potential Interfering Stations Included in above Scenario 41

39A WI GREEN BAY	DTVPLN	DTVP1420	PLN
41A IL FREEPORT	BMPCDT	20081110ADQ	CP
41A WI GREEN BAY	BMPCDT	20080620AEI	APP
40A MI TRAVERSE CITY	USERRECORD01		APP

Percent new IX = 0.0022%

Result key: 42

Scenario 42 Affected station 19 WPXE-TV
Before Analysis

Results for: 40A WI KENOSHA BLCDDT 20040206AAT LIC

HAAT 358.0 m, ATV ERP 830.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2970168	27275.9
not affected by terrain losses	2961002	27128.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	14430	488.1
lost to ATV IX only	14430	488.1
lost to all IX	14430	488.1

Potential Interfering Stations Included in above Scenario 42

39A WI GREEN BAY	DTVPLN	DTVP1420	PLN
41A IL FREEPORT	BMPCDT	20081110ADQ	CP
41A WI GREEN BAY	DTVPLN	DTVP1487	PLN

After Analysis

Results for: 40A WI KENOSHA BLCDDT 20040206AAT LIC

HAAT 358.0 m, ATV ERP 830.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2970168	27275.9
not affected by terrain losses	2961002	27128.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	14494	489.1
lost to ATV IX only	14494	489.1
lost to all IX	14494	489.1

Potential Interfering Stations Included in above Scenario 42

39A WI GREEN BAY	DTVPLN	DTVP1420	PLN
41A IL FREEPORT	BMPCDT	20081110ADQ	CP
41A WI GREEN BAY	DTVPLN	DTVP1487	PLN
40A MI TRAVERSE CITY	USERRECORD01		APP

Percent new IX = 0.0022%

Result key: 43
 Scenario 43 Affected station 19 WPXE-TV
 Before Analysis

Results for: 40A WI KENOSHA BLCDT 20040206AAT LIC
 HAAT 358.0 m, ATV ERP 830.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2970168	27275.9
not affected by terrain losses	2961002	27128.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	14212	481.2
lost to ATV IX only	14212	481.2
lost to all IX	14212	481.2

Potential Interfering Stations Included in above Scenario 43

39A WI GREEN BAY	DTVPLN	DTVP1420	PLN
41A IL FREEPORT	BMPCDT	20081110ADQ	CP
41A WI GREEN BAY	BMPCDT	20080207AAN	CP

After Analysis

Results for: 40A WI KENOSHA BLCDT 20040206AAT LIC
 HAAT 358.0 m, ATV ERP 830.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2970168	27275.9
not affected by terrain losses	2961002	27128.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	14276	482.2
lost to ATV IX only	14276	482.2
lost to all IX	14276	482.2

Potential Interfering Stations Included in above Scenario 43

39A WI GREEN BAY	DTVPLN	DTVP1420	PLN
41A IL FREEPORT	BMPCDT	20081110ADQ	CP
41A WI GREEN BAY	BMPCDT	20080207AAN	CP
40A MI TRAVERSE CITY	USERRECORD01		APP

Percent new IX = 0.0022%

Result key: 44
 Scenario 44 Affected station 19 WPXE-TV
 Before Analysis

Results for: 40A WI KENOSHA BLCDT 20040206AAT LIC
 HAAT 358.0 m, ATV ERP 830.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2970168	27275.9
not affected by terrain losses	2961002	27128.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	15284	535.1
lost to ATV IX only	15284	535.1
lost to all IX	15284	535.1

Potential Interfering Stations Included in above Scenario 44

39A WI GREEN BAY	DTVPLN	DTVP1420	PLN
41A IL FREEPORT	BLCDT	20041012AIQ	LIC
41A WI GREEN BAY	BMPCDT	20080620AEI	APP

After Analysis

Results for: 40A WI KENOSHA BLCDDT 20040206AAT LIC
 HAAT 358.0 m, ATV ERP 830.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2970168	27275.9
not affected by terrain losses	2961002	27128.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	15348	536.1
lost to ATV IX only	15348	536.1
lost to all IX	15348	536.1

Potential Interfering Stations Included in above Scenario 44

39A WI GREEN BAY	DTVPLN	DTVP1420	PLN
41A IL FREEPORT	BLCDDT	20041012AIQ	LIC
41A WI GREEN BAY	BMPDDT	20080620AEI	APP
40A MI TRAVERSE CITY	USERRECORD01		APP

Percent new IX = 0.0022%

Result key: 45
 Scenario 45 Affected station 19 WPXE-TV
 Before Analysis

Results for: 40A WI KENOSHA BLCDDT 20040206AAT LIC
 HAAT 358.0 m, ATV ERP 830.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2970168	27275.9
not affected by terrain losses	2961002	27128.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	14100	476.3
lost to ATV IX only	14100	476.3
lost to all IX	14100	476.3

Potential Interfering Stations Included in above Scenario 45

39A WI GREEN BAY	DTVPLN	DTVP1420	PLN
41A IL FREEPORT	BLCDDT	20041012AIQ	LIC
41A WI GREEN BAY	DTVPLN	DTVP1487	PLN

After Analysis

Results for: 40A WI KENOSHA BLCDDT 20040206AAT LIC
 HAAT 358.0 m, ATV ERP 830.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2970168	27275.9
not affected by terrain losses	2961002	27128.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	14164	477.3
lost to ATV IX only	14164	477.3
lost to all IX	14164	477.3

Potential Interfering Stations Included in above Scenario 45

39A WI GREEN BAY	DTVPLN	DTVP1420	PLN
41A IL FREEPORT	BLCDDT	20041012AIQ	LIC
41A WI GREEN BAY	DTVPLN	DTVP1487	PLN
40A MI TRAVERSE CITY	USERRECORD01		APP

Percent new IX = 0.0022%

Result key: 46
 Scenario 46 Affected station 19 WPXE-TV
 Before Analysis

Results for: 40A WI KENOSHA BLCDDT 20040206AAT LIC
 HAAT 358.0 m, ATV ERP 830.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2970168	27275.9
not affected by terrain losses	2961002	27128.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	13882	469.5

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lost to ATV IX only	13882	469.5
lost to all IX	13882	469.5

Potential Interfering Stations Included in above Scenario 46

39A WI GREEN BAY	DTVPLN	DTVP1420	PLN
41A IL FREEPORT	BLCDDT	20041012AIQ	LIC
41A WI GREEN BAY	BMPCDDT	20080207AAN	CP

After Analysis

Results for: 40A WI KENOSHA BLCDDT 20040206AAT LIC
 HAAT 358.0 m, ATV ERP 830.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2970168	27275.9
not affected by terrain losses	2961002	27128.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	13946	470.5
lost to ATV IX only	13946	470.5
lost to all IX	13946	470.5

Potential Interfering Stations Included in above Scenario 46

39A WI GREEN BAY	DTVPLN	DTVP1420	PLN
41A IL FREEPORT	BLCDDT	20041012AIQ	LIC
41A WI GREEN BAY	BMPCDDT	20080207AAN	CP
40A MI TRAVERSE CITY	USERRECORD01		APP

Percent new IX = 0.0022%

Worst case new IX 0.0022% Scenario 23

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Analysis of Interference to Affected Station 20

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
40	W40BC	WHITING WI	BLTTL	-20001213AAI

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
39	W31BA	MINOCQUA WI	149.4	APP	BDISDTL	-20090409ALM
40	WHCH-LD	CHESTERTON IN	398.5	LIC	BLDTL	-20070822AAF
40	W40AN-D	ESCANABA MI	243.8	LIC	BLDTT	-20090512AAJ
40	K62FH	FROST MN	356.5	CP	BDFCDTL	-20090610ACZ
40	KPXM-TV	ST. CLOUD MN	279.7	CP	BPCDDT	-20080620AMB
40	KPXM	ST. CLOUD MN	331.1	PLN	DTVPLN	-DTVP1439
40	KPXM-TV	ST. CLOUD MN	331.1	LIC	BLCDDT	-20030903AAU
40	K40BU	ST. JAMES MN	394.9	CP	BDFCDTL	-20090610ADQ
40	WPXE-TV	KENOSHA WI	214.2	LIC	BLCDDT	-20040206AAT
40	WPXE	KENOSHA WI	214.2	PLN	DTVPLN	-DTVP1456
42	WPNE-TV	GREEN BAY WI	133.0	LIC	BMLDDT	-20040818AAP
42	WPNE	GREEN BAY WI	133.0	PLN	DTVPLN	-DTVP1524
40	NEW	TRAVERSE CITY MI	316.1	APP	USERRECORD-01	

Proposed station is beyond the site to
 nearest cell evaluation distance

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Analysis of Interference to Affected Station 21

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
41	NEW	CHEBOYGAN MI	BNPTTL	-20000828AWP

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
40	W40AN-D	ESCANABA MI	193.9	LIC	BLDTT	-20090512AAJ
40	W67CS	SAULT ST MARIE, MI	96.2	APP	BDISDTL	-20090429AAW
41	WXYZ-TV	DETROIT MI	363.6	CP MOD	BMPCDT	-20080618ABH
41	WXYZ-TV	DETROIT MI	363.6	PLN	DTVPLN	-DTVP1475
41	WXYZ-TV	DETROIT MI	363.6	LIC	BLCDT	-20030325ABI
41	WOLP-LD	GRAND RAPIDS MI	330.5	CP	BDCCDTL	-20061020ACU
41	W41CK	PETOSKEY MI	35.7	LIC	BLTTL	-20020122AAP
41	WGBA-TV	GREEN BAY WI	297.6	APP	BMPCDT	-20080620AEI
41	WGBA	GREEN BAY WI	297.6	PLN	DTVPLN	-DTVP1487
41	WGBA-TV	GREEN BAY WI	297.6	CP MOD	BMPCDT	-20080207AAN
45	WFUP	VANDERBILT MI	47.9	CP	BPCDT	-20081119AMT
45	WFUP	Vanderbilt MI	47.9	PLN	DTVPLN	-DTVP1618
40	NEW	TRAVERSE CITY MI	124.4	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 22

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
41	W41CK	PETOSKEY MI	BLTTL	-20020122AAP

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
40	W40AN-D	ESCANABA MI	180.2	LIC	BLDTT	-20090512AAJ
40	W67CS	SAULT ST MARIE, MI	129.8	APP	BDISDTL	-20090429AAW
41	NEW	CHEBOYGAN MI	35.7	APP	BNPTTL	-20000828AWP
41	WXYZ-TV	DETROIT MI	343.1	CP MOD	BMPCDT	-20080618ABH
41	WXYZ-TV	DETROIT MI	343.1	PLN	DTVPLN	-DTVP1475
41	WXYZ-TV	DETROIT MI	343.1	LIC	BLCDT	-20030325ABI
41	WOLP-LD	GRAND RAPIDS MI	297.6	CP	BDCCDTL	-20061020ACU
41	WGBA-TV	GREEN BAY WI	267.0	APP	BMPCDT	-20080620AEI
41	WGBA	GREEN BAY WI	267.0	PLN	DTVPLN	-DTVP1487
41	WGBA-TV	GREEN BAY WI	267.0	CP MOD	BMPCDT	-20080207AAN
45	WFUP	VANDERBILT MI	20.0	CP	BPCDT	-20081119AMT
45	WFUP	Vanderbilt MI	20.0	PLN	DTVPLN	-DTVP1618
40	NEW	TRAVERSE CITY MI	89.1	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 23

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
41	WGBA-TV	GREEN BAY WI	BMPCDT	-20080620AEI

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
40	WPXE-TV	KENOSHA WI	140.5	LIC	BLCDT	-20040206AAT
40	WPXE	KENOSHA WI	140.5	PLN	DTVPLN	-DTVP1456
41	KGCW	BURLINGTON IA	426.1	CP MOD	BMPCDT	-20080619AJN
41	KGCW-TV	BURLINGTON IA	426.1	PLN	DTVPLN	-DTVP1466
41	WIFR	FREEMPORT IL	248.6	CP MOD	BMPCDT	-20050103AFQ
41	WIFR	FREEMPORT IL	248.6	PLN	DTVPLN	-DTVP1469
41	WIFR-DR	FREEMPORT IL	248.6	APP	BPRM	-20080620AOH
41	WIFR	FREEMPORT IL	248.6	CP MOD	BMPCDT	-20081110ADQ
41	WIFR	FREEMPORT IL	248.6	LIC	BLCDT	-20041012AIQ
42	WPNE-TV	GREEN BAY WI	5.9	LIC	BMLEDT	-20040818AAP
42	WPNE	GREEN BAY WI	5.9	PLN	DTVPLN	-DTVP1524

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40 NEW TRAVERSE CITY MI 187.3 APP USERRECORD-01
 Proposal causes no interference

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Analysis of Interference to Affected Station 24

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
41	WGBA-TV	GREEN BAY WI	BMPCDT	-20080207AAN

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
40	WPXE-TV	KENOSHA WI	140.5	LIC	BLCDT	-20040206AAT
40	WPXE	KENOSHA WI	140.5	PLN	DTVPLN	-DTVP1456
41	KGCW	BURLINGTON IA	426.1	CP MOD	BMPCDT	-20080619AJN
41	KGCW-TV	BURLINGTON IA	426.1	PLN	DTVPLN	-DTVP1466
41	WIFR	FREEDPORT IL	248.6	CP MOD	BMPCDT	-20050103AFQ
41	WIFR	FREEDPORT IL	248.6	PLN	DTVPLN	-DTVP1469
41	WIFR-DR	FREEDPORT IL	248.6	APP	BPRM	-20080620AOH
41	WIFR	FREEDPORT IL	248.6	CP MOD	BMPCDT	-20081110ADQ
41	WIFR	FREEDPORT IL	248.6	LIC	BLCDT	-20041012AIQ
42	WPNE-TV	GREEN BAY WI	5.9	LIC	BMLEDT	-20040818AAP
42	WPNE	GREEN BAY WI	5.9	PLN	DTVPLN	-DTVP1524
40	NEW	TRAVERSE CITY MI	187.3	APP	USERRECORD-01	

Proposed station is beyond the site to
 nearest cell evaluation distance

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Analysis of Interference to Affected Station 25

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
42	W42CB	HESPERIA MI	BLTT	-19950609IU

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
41	WOLP-LD	GRAND RAPIDS MI	105.2	CP	BDCCDTL	-20061020ACU
42	W64CQ	ARLINGTON HEIGHTS IL	222.8	CP	BDISTT	-20070709ACL
42	WQRF-TV	ROCKFORD IL	290.7	CP MOD	BMPCDT	-20070207ABW
42	WQRF-TV	ROCKFORD IL	290.1	PLN	DTVPLN	-DTVP1499
42	WNDU-TV	SOUTH BEND IN	216.6	LIC	BLCDT	-20060717AAG
42	WNDU-TV	SOUTH BEND IN	216.6	PLN	DTVPLN	-DTVP1502
42	WNDU-TV	SOUTH BEND IN	216.6	CP	BPCDT	-20080619AAB
42	WGGN-TV	SANDUSKY OH	358.2	PLN	DTVPLN	-DTVP1512
42	WPNE-TV	GREEN BAY WI	183.5	LIC	BMLEDT	-20040818AAP
42	WPNE	GREEN BAY WI	183.5	PLN	DTVPLN	-DTVP1524
42	W42DH-D	SAYNER/VILAS COUNTY WI	389.5	CP MOD	BMPDTT	-20080723AAW
44	WZPX-TV	BATTLE CREEK MI	125.1	LIC	BLCDT	-20020510AAG
44	WZPX	BATTLE CREEK MI	125.1	PLN	DTVPLN	-DTVP1578
45	WLLA	KALAMAZOO MI	119.4	LIC	BLCDT	-20070529AEA
45	WLLA	KALAMAZOO MI	119.4	PLN	DTVPLN	-DTVP1617
40	NEW	TRAVERSE CITY MI	137.6	APP	USERRECORD-01	

Proposed station is beyond the site to
 nearest cell evaluation distance

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Analysis of Interference to Affected Station 26

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Analysis of current record

Channel	Call	City/State	Application Ref. No.
44	W18CB	BIG RAPIDS MI	BPTTL -20011206ABA

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
40	WKAR-TV	EAST LANSING MI	144.7	CP MOD	BMPEDT -20080620AIJ
40	WKAR-TV	EAST LANSING MI	144.7	PLN	DTVPLN -DTVP1438
44	WCHU-LP	CHICAGO IL	259.1	CP MOD	BMPDTL -20090514ACR
44	WCHU-LP	CHICAGO IL	259.1	APP	BSTA -20090729ADZ
44	WLS-DR	CHICAGO IL	261.5	APP	BPRM -20090724AEG
44	WZPX-TV	BATTLE CREEK MI	119.5	LIC	BLCDT -20020510AAG
44	WZPX	BATTLE CREEK MI	119.5	PLN	DTVPLN -DTVP1578
44	WWJ-TV	DETROIT MI	239.2	LIC	BLCDT -19990720LH
44	WWJ-TV	DETROIT MI	239.2	PLN	DTVPLN -DTVP1579
44	WWJ-TV	DETROIT MI	239.2	CP MOD	BMPCDT -20080616ABD
44	WTLW	LIMA OH	344.7	CP MOD	BMPCDT -20080616ABV
44	WTLW	LIMA OH	344.7	PLN	DTVPLN -DTVP1589
44	WWAZ-TV	FOND DU LAC WI	238.5	CP MOD	BMPCDT -20040209ABG
44	WWAZ-TV	FOND DU LAC WI	238.5	PLN	DTVPLN -DTVP1599
45	WLLA	KALAMAZOO MI	125.1	LIC	BLCDT -20070529AEA
45	WLLA	KALAMAZOO MI	125.1	PLN	DTVPLN -DTVP1617
46	WBSF	BAY CITY MI	141.8	CP MOD	BMPCDT -20080620AGE
46	WBSF	BAY CITY MI	141.9	PLN	DTVPLN -DTVP1648
47	WPBN-DR	TRAVERSE CITY MI	124.9	APP	BPRM -20090724AEF
48	WAQP	SAGINAW MI	133.7	LIC	BLCDT -20060824ADS
48	WAQP	SAGINAW MI	133.7	PLN	DTVPLN -DTVP1711
40	NEW	TRAVERSE CITY MI	119.7	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 27

Analysis of current record

Channel	Call	City/State	Application Ref. No.
44	W44BQ	MOUNT PLEASANT MI	BLTTL -20030331AAS

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
36	WLNS-TV	LANSING MI	116.7	CP MOD	BMPCDT -20080618AEA
36	WLNS-TV	LANSING MI	116.7	PLN	DTVPLN -DTVP1333
40	WKAR-TV	EAST LANSING MI	114.5	CP MOD	BMPEDT -20080620AIJ
40	WKAR-TV	EAST LANSING MI	114.5	PLN	DTVPLN -DTVP1438
44	WCHU-LP	CHICAGO IL	306.9	CP MOD	BMPDTL -20090514ACR
44	WLS-DR	CHICAGO IL	309.1	APP	BPRM -20090724AEG
44	WZPX-TV	BATTLE CREEK MI	115.9	LIC	BLCDT -20020510AAG
44	WZPX	BATTLE CREEK MI	115.9	PLN	DTVPLN -DTVP1578
44	W18CB	BIG RAPIDS MI	65.4	APP	BPTTL -20011206ABA
44	WWJ-TV	DETROIT MI	190.1	LIC	BLCDT -19990720LH
44	WWJ-TV	DETROIT MI	190.1	PLN	DTVPLN -DTVP1579
44	WWJ-TV	DETROIT MI	190.1	CP MOD	BMPCDT -20080616ABD
44	WXOX-LP	CLEVELAND OH	360.0	APP	BDFCDTL -20080221ACU
44	WTLW	LIMA OH	329.9	CP MOD	BMPCDT -20080616ABV
44	WTLW	LIMA OH	329.9	PLN	DTVPLN -DTVP1589
44	WWAZ-TV	FOND DU LAC WI	303.8	CP MOD	BMPCDT -20040209ABG
44	WWAZ-TV	FOND DU LAC WI	303.8	PLN	DTVPLN -DTVP1599
46	WBSF	BAY CITY MI	78.5	CP MOD	BMPCDT -20080620AGE
46	WBSF	BAY CITY MI	78.5	PLN	DTVPLN -DTVP1648
47	WPBN-DR	TRAVERSE CITY MI	119.0	APP	BPRM -20090724AEF
48	WAQP	SAGINAW MI	78.4	LIC	BLCDT -20060824ADS
48	WAQP	SAGINAW MI	78.4	PLN	DTVPLN -DTVP1711
51	WLAJ	LANSING MI	143.5	LIC	BLCDT -20040422ABI
51	WLAJ	LANSING MI	143.5	PLN	DTVPLN -DTVP1800
40	NEW	TRAVERSE CITY MI	138.6	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 28

Analysis of current record

Channel	Call	City/State	Application Ref. No.
48	W48BY	LUDINGTON MI	BLTTL -20001218ABG

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
41	WGBA-TV	GREEN BAY WI	135.2	APP	BMPCDT -20080620AEI
41	WGBA	GREEN BAY WI	135.2	PLN	DTVPLN -DTVP1487
41	WGBA-TV	GREEN BAY WI	135.2	CP MOD	BMPCDT -20080207AAN
47	WPBN-DR	TRAVERSE CITY MI	125.8	APP	BPRM -20090724AEF
48	WMEU-CA	CHICAGO IL	265.2	APP	BSTA -20081015AAR
48	WHME-TV	SOUTH BEND IN	275.0	APP	BPCDT -20080619ABC
48	W48AV	DETROIT MI	331.7	CP	BDFCDTL -20060323AFZ
48	WJMN-TV	ESCANABA MI	235.0	CP MOD	BMPCDT -20081023AAF
48	WJMN-TV	ESCANABA MI	235.0	PLN	DTVPLN -DTVP1710
48	WAQP	SAGINAW MI	205.9	LIC	BLCDT -20060824ADS
48	WAQP	SAGINAW MI	205.9	PLN	DTVPLN -DTVP1711
48	W48CC	TRAVERSE CITY MI	93.2	LIC	BLTTL -20001213ABR
48	W48DB-D	COLOMA WI	257.7	LIC	BLDTT -20081107ADC
48	W23BL	OSHKOSH WI	175.4	APP	BPTTL -20011120ABF
48	WBME-TV	RACINE WI	166.7	CP MOD	BMPCDT -20090709ABY
48	WBME-TV	RACINE WI	166.6	PLN	DTVPLN -DTVP1727
48	WBME-TV	RACINE WI	181.6	LIC	BMLCDT -20070823AED
49	WMKG-LD	MUSKEGON MI	91.6	CP	BDCCDTL -20061018ABV
40	NEW	TRAVERSE CITY MI	92.8	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 29

Analysis of current record

Channel	Call	City/State	Application Ref. No.
48	W48CC	TRAVERSE CITY MI	BLTTL -20001213ABR

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
45	WFUP	VANDERBILT MI	86.5	CP	BPCDT -20081119AMT
45	WFUP	Vanderbilt MI	86.5	PLN	DTVPLN -DTVP1618
47	WPBN-DR	TRAVERSE CITY MI	49.5	APP	BPRM -20090724AEF
48	WHME-TV	SOUTH BEND IN	354.9	APP	BPCDT -20080619ABC
48	W48AV	DETROIT MI	342.4	CP	BDFCDTL -20060323AFZ
48	WJMN-TV	ESCANABA MI	180.4	CP MOD	BMPCDT -20081023AAF
48	WJMN-TV	ESCANABA MI	180.4	PLN	DTVPLN -DTVP1710
48	W48BY	LUDINGTON MI	93.2	LIC	BLTTL -20001218ABG
48	WAQP	SAGINAW MI	216.4	LIC	BLCDT -20060824ADS
48	WAQP	SAGINAW MI	216.4	PLN	DTVPLN -DTVP1711
48	W48DB-D	COLOMA WI	317.9	LIC	BLDTT -20081107ADC
48	WBME-TV	RACINE WI	256.9	CP MOD	BMPCDT -20090709ABY
48	WBME-TV	RACINE WI	257.2	PLN	DTVPLN -DTVP1727
48	WBME-TV	RACINE WI	273.9	LIC	BMLCDT -20070823AED
49	WMKG-LD	MUSKEGON MI	172.7	CP	BDCCDTL -20061018ABV
40	NEW	TRAVERSE CITY MI	1.5	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 30

Analysis of current record

Channel	Call	City/State	Application Ref. No.
40	NEW	TRAVERSE CITY MI	USERRECORD-01

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
40	WHCH-LD	CHESTERTON IN	375.9	LIC	BLDTL -20070822AAF
40	NEW	DETROIT MI	343.5	APP	BDCCDTL -20061027ACH
40	WKAR-TV	EAST LANSING MI	250.5	CP MOD	BMPEDT -20080620AIJ
40	WKAR-TV	EAST LANSING MI	250.4	PLN	DTVPLN -DTVP1438
40	W40AN-D	ESCANABA MI	158.8	LIC	BLDTT -20090512AAJ
40	W67CS	SAULT ST MARIE, MI	212.6	APP	BDISDTL -20090429AAW
40	WPXE-TV	KENOSHA WI	256.6	LIC	BLCDT -20040206AAT
40	WPXE	KENOSHA WI	256.6	PLN	DTVPLN -DTVP1456

Total scenarios = 4

Result key: 47
 Scenario 1 Affected station 30 NEW
 Before Analysis

Results for: 40A MI TRAVERSE CITY USERRECORD01 APP

HAAT 186.0 m, ATV ERP 15.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	155096	7467.3
not affected by terrain losses	154060	7437.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	116	16.9
lost to ATV IX only	116	16.9
lost to all IX	116	16.9

Potential Interfering Stations Included in above Scenario 1

40A MI EAST LANSING	BMPEDT	20080620AIJ	CP
40A WI KENOSHA	BLCDT	20040206AAT	LIC

Result key: 48
 Scenario 2 Affected station 30 NEW
 Before Analysis

Results for: 40A MI TRAVERSE CITY USERRECORD01 APP

HAAT 186.0 m, ATV ERP 15.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	155096	7467.3
not affected by terrain losses	154060	7437.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	116	16.9
lost to ATV IX only	116	16.9
lost to all IX	116	16.9

Potential Interfering Stations Included in above Scenario 2

40A MI EAST LANSING	BMPEDT	20080620AIJ	CP
40A WI KENOSHA	DTVPLN	DTVP1456	PLN

Result key: 49
 Scenario 3 Affected station 30 NEW
 Before Analysis

Results for: 40A MI TRAVERSE CITY USERRECORD01 APP

HAAT 186.0 m, ATV ERP 15.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	155096	7467.3

not affected by terrain losses	154060	7437.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	97	7.0
lost to ATV IX only	97	7.0
lost to all IX	97	7.0

Potential Interfering Stations Included in above Scenario 3

40A MI EAST LANSING	DTVPLN	DTVP1438	PLN
40A WI KENOSHA	BLCDT	20040206AAT	LIC

Result key: 50
 Scenario 4 Affected station 30 NEW
 Before Analysis

Results for: 40A MI TRAVERSE CITY USERRECORD01 APP
 HAAT 186.0 m, ATV ERP 15.0 kW

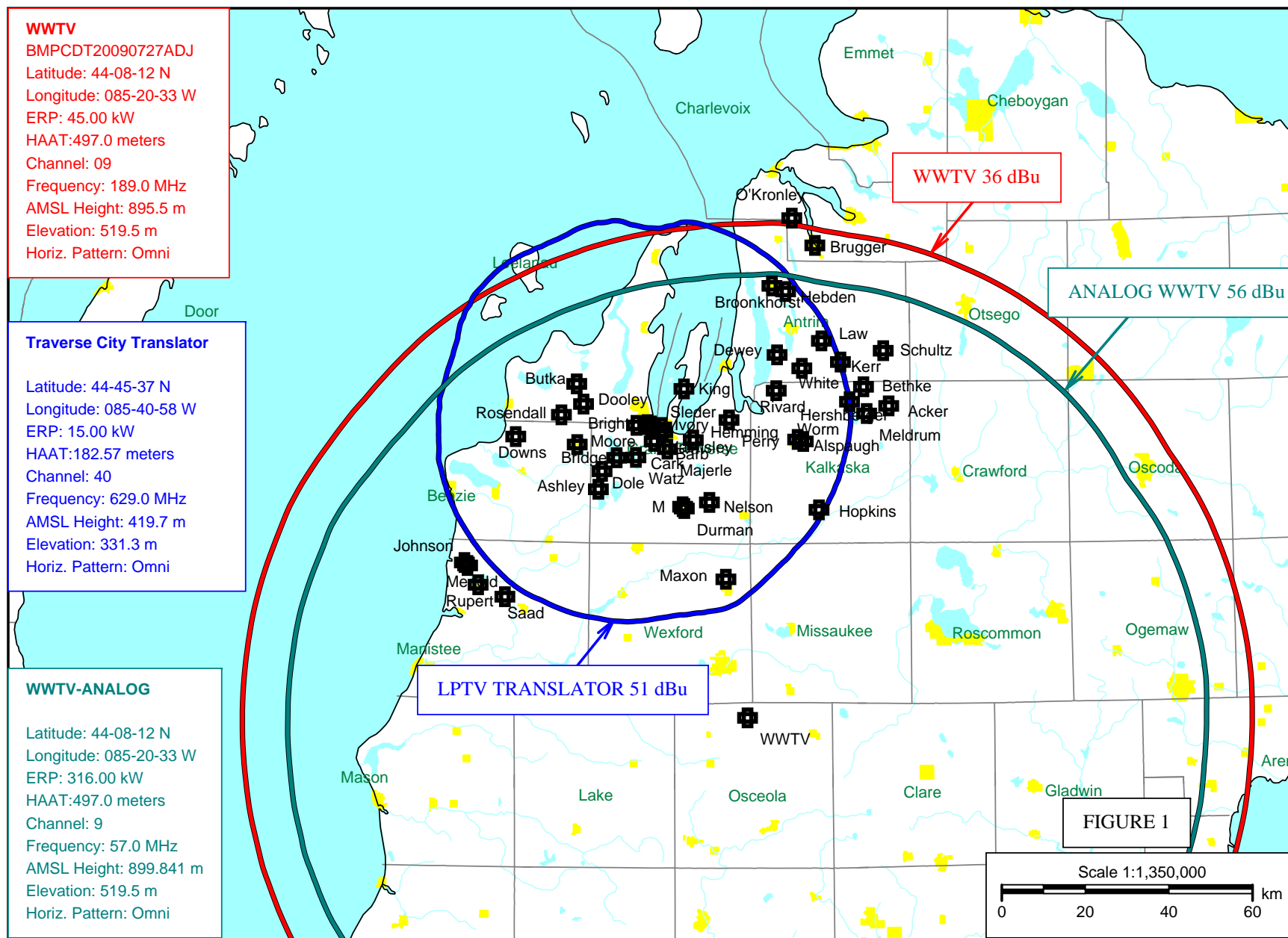
	POPULATION	AREA (sq km)
within Noise Limited Contour	155096	7467.3
not affected by terrain losses	154060	7437.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	97	7.0
lost to ATV IX only	97	7.0
lost to all IX	97	7.0

Potential Interfering Stations Included in above Scenario 4

40A MI EAST LANSING	DTVPLN	DTVP1438	PLN
40A WI KENOSHA	DTVPLN	DTVP1456	PLN

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COMPUTED CONTOURS FOR WWTV AND THE PROPOSED LPTV TRANSLATOR AT TRAVERSE CITY, MICHIGAN