

Percent allowed new interference: 0.500
Percent allowed new interference to non Class A LPTV: 2.000
TW Census data selected 2000
Data Base Selected
/space/software/cdbs/pt_tvdb.sff
TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 12-16-2010 Time: 10:13:59

Record Selected for Analysis

WHNE USERRECORD-01 FLINT MI US
Channel 20 ERP 15. kW HAAT 148. m RCAMSL 00347 m STRINGENT MASK
Latitude 042-26-53 Longitude 0083-10-23
Status APP Zone 1 Border Site number: 01
Dir Antenna Make CDB Model 00000000016648 Beam tilt N Ref Azimuth 315.
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

Service Class = LD

Maximum height/power limits not checked

Site number	1			
Azimuth	ERP	HAAT	51.0 dBu F(50,90)	
(Deg)	(kW)	(m)	(km)	
0.0	14.216	132.5	45.2	
45.0	11.354	155.6	45.7	
90.0	3.264	153.8	39.2	
135.0	0.185	152.8	24.4	
180.0	3.264	158.5	39.5	
225.0	11.354	157.4	45.8	
270.0	14.216	147.5	46.3	
315.0	13.537	124.1	44.4	

Contour Overlap to Proposed Station

Contour Overlap Evaluation to Proposed Station Complete

NO LANDMOBILE SPACING VIOLATIONS FOUND

Checks to Site Number 01

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 = 16.9km

Proposed facility is beyond the Mexican coordination distance

Proposed station is 0.97km from AM station

MONROE MI WLLZ Status: L Antenna: DAD

Start of Interference Analysis

Channel	Call	Proposed Station City/State	ARN
20	WHNE	FLINT MI	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
18	WDWO-CA	DETROIT MI	9.7	APP	BPTTL	-19960517MS
18	WDWO-CA	DETROIT MI	9.7	LIC	BLTTL	-20000310ABE
19	WPXD-DR	ANN ARBOR MI	12.1	APP	BPRM	-20080619ALV
19	WXMI	GRAND RAPIDS MI	195.0	APP	BPCDT	-20080619AKI
19	DW19BA	GRAND RAPIDS MI	202.4	LIC	BLTT	-19900625ID
19	WXMI	GRAND RAPIDS MI	195.0	LIC	BLCDT	-20030117ABD
20	WPNV-LD	AURORA IL	403.2	LIC	BLDTL	-20100315ABN
20	W20DG-D	FORT WAYNE IN	222.8	CP	BNPDTL	-20090825AVL
20	WHMB-DR	INDIANAPOLIS IN	380.7	APP	BPRM	-20080619AEU
20	WHMB-TV	INDIANAPOLIS IN	380.7	CP	BPCDT	-20090424ACR
20	WUVI-LP	WEST LAFAYETTE IN	368.0	CP	BDISDTL	-20091014AFD
20	WUVI-LP	WEST LAFAYETTE IN	368.0	APP	BSTA	-20100706CUS
20	WOTV	BATTLE CREEK MI	188.6	APP	BPCDT	-20091104AEK
20	WOTV	BATTLE CREEK MI	188.6	LIC	BLCDT	-20030721AHS
20	NEW	ROSCOMMON MI	264.3	APP	BNPDTL	-20100223ACY
20	NEW	TRAVERSE CITY MI	326.3	APP	BNPDTL	-20100301ADA
20	NEW	VANDERBILT MI	328.3	APP	BNPDTL	-20100223ADM
20	W20AB	OLEAN NY	392.2	LIC	BLTTL	-19870120IA
20	WOTH-LD	CINCINNATI OH	385.8	CP	BDCCDTL	-20070403ACT
20	NEW	FINDLAY OH	205.6	APP	BDCCDTL	-20061026AGA
20	WLWD-LP	SPRINGFIELD OH	282.3	LIC	BLTT	-20051219ADW
20	WFMJ-TV	YOUNGSTOWN OH	259.2	CP	BPCDT	-19991027AAV
20	WWLM-CA	WASHINGTON PA	351.0	LIC	BLTTL	-19990413JC
20	WWLM-CA	WASHINGTON PA	351.0	CP	BDFCDTA	-20081208AAK
20	WMKE-LD	MILWAUKEE WI	392.8	CP	BDCCDTL	-20061030AFR
21	WMYD	DETROIT MI	0.0	LIC	BLCDT	-20040524AOG
22	DW24CG	JACKSON MI	110.8	APP	BPTTL	-20011227AAW
23	WUDT-CA	DETROIT MI	0.0	LIC	BLTTA	-20041222AAZ
27	WFHD-LP	ANN ARBOR MI	50.4	LIC	BLTT	-20000925AAY

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Analysis of Interference to Affected Station 1

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
18	WDWO-CA	DETROIT MI	BPTTL	-19960517MS

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
14	WKBD-TV	DETROIT MI	13.0	APP	BPCDT	-20080619ABE
14	WKBD-TV	DETROIT MI	13.0	LIC	BLCDT	-20090202AHW
15	WDCQ-TV	BAD AXE MI	133.8	LIC	BLEDT	-20030922ABG
16	WSMH	FLINT MI	116.1	CP	BPCDT	-20051115ADO
16	WSMH	FLINT MI	114.7	CP	BPCDT	-19991028ACK
16	WSMH	FLINT MI	116.1	LIC	BLCDT	-20090804ABG
18	WISE-TV	FORT WAYNE IN	214.5	CP	BPCDT	-20080619AIM

18	WISE-DR	FORT WAYNE IN	214.5	APP	BPRM	-20080820AHU
18	WDTJ-LP	TOLEDO OH	84.4	APP	BDISDTL	-20101026AAB
18	WVTV	MILWAUKEE WI	388.7	CP MOD	BMPCDT	-20100413AAP
19	WPXD-DR	ANN ARBOR MI	13.0	APP	BPRM	-20080619ALV
21	WMYD	DETROIT MI	9.7	LIC	BLCDT	-20040524AOG
22	WNEM-TV	BAY CITY MI	130.9	CP MOD	BMPCDT	-20040721AMM
33	W33BY	DETROIT MI	0.1	LIC	BLTTA	-20020301ABU
20	WHNE	FLINT MI	9.7	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 2

Analysis of current record

Channel	Call	City/State	Application Ref. No.
18	WDWO-CA	DETROIT MI	BLTTL -20000310ABE

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
14	WKBD-TV	DETROIT MI	13.0	APP	BPCDT -20080619ABE
14	WKBD-TV	DETROIT MI	13.0	LIC	BLCDT -20090202AHW
15	WDCQ-TV	BAD AXE MI	133.8	LIC	BLEDT -20030922ABG
16	WSMH	FLINT MI	116.1	CP	BPCDT -20051115ADO
16	WSMH	FLINT MI	114.7	CP	BPCDT -19991028ACK
16	WSMH	FLINT MI	116.1	LIC	BLCDT -20090804ABG
18	WISE-TV	FORT WAYNE IN	214.5	CP	BPCDT -20080619AIM
18	WISE-DR	FORT WAYNE IN	214.5	APP	BPRM -20080820AHU
18	WDTJ-LP	TOLEDO OH	84.4	APP	BDISDTL -20101026AAB
18	WVTV	MILWAUKEE WI	388.7	CP MOD	BMPCDT -20100413AAP
19	WPXD-DR	ANN ARBOR MI	13.0	APP	BPRM -20080619ALV
21	WMYD	DETROIT MI	9.7	LIC	BLCDT -20040524AOG
22	WNEM-TV	BAY CITY MI	130.9	CP MOD	BMPCDT -20040721AMM
33	W33BY	DETROIT MI	0.1	LIC	BLTTA -20020301ABU
20	WHNE	FLINT MI	9.7	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.
19	WPXD-DR	ANN ARBOR MI	BPRM -20080619ALV

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
18	WISE-TV	FORT WAYNE IN	218.3	CP	BPCDT -20080619AIM
18	WISE-DR	FORT WAYNE IN	218.3	APP	BPRM -20080820AHU
19	WGN-TV	CHICAGO IL	362.4	APP	BPCDT -20080619AFN
19	WGN-TV	CHICAGO IL	362.4	LIC	BMLCDT -20080201APP
19	WXMI	GRAND RAPIDS MI	183.1	APP	BPCDT -20080619AKI
19	WXMI	GRAND RAPIDS MI	183.1	LIC	BLCDT -20030117ABD
20	WOTV	BATTLE CREEK MI	176.9	APP	BPCDT -20091104AEK
20	WOTV	BATTLE CREEK MI	176.9	LIC	BLCDT -20030721AHS
20	WHNE	FLINT MI	12.1	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 4

Analysis of current record

Channel	Call	City/State	Application Ref. No.
19	WXMI	GRAND RAPIDS MI	BPCDT -20080619AKI

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
18	WISE-TV	FORT WAYNE IN	178.5	CP	BPCDT -20080619AIM
18	WISE-DR	FORT WAYNE IN	178.5	APP	BPRM -20080820AHU
18	WVTV	MILWAUKEE WI	198.4	CP MOD	BMPCDT -20100413AAP
19	WGN-TV	CHICAGO IL	194.9	APP	BPCDT -20080619AFN
19	WGN-TV	CHICAGO IL	194.9	LIC	BMLCDT -20080201APP
19	WHOI	PEORIA IL	405.5	LIC	BLCDT -20090622AFB
19	WPXD-DR	ANN ARBOR MI	183.1	APP	BPRM -20080619ALV
19	WMTV	MADISON WI	324.6	LIC	BLCDT -20040823ABP
19	WMTV	MADISON WI	324.6	CP	BPCDT -20080609ABR
20	WOTV	BATTLE CREEK MI	14.0	APP	BPCDT -20091104AEK
20	WOTV	BATTLE CREEK MI	14.0	LIC	BLCDT -20030721AHS
20	WHNE	FLINT MI	195.0	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 5

Analysis of current record

Channel	Call	City/State	Application Ref. No.
19	DW19BA	GRAND RAPIDS MI	BLTT -19900625ID

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
16	WSMH	FLINT MI	119.1	CP	BPCDT -20051115ADO
16	WSMH	FLINT MI	120.8	CP	BPCDT -19991028ACK
16	WSMH	FLINT MI	119.1	LIC	BLCDT -20090804ABG
19	WGN-TV	CHICAGO IL	215.8	APP	BPCDT -20080619AFN
19	WGN-TV	CHICAGO IL	215.8	LIC	BMLCDT -20080201APP
19	WPXD-DR	ANN ARBOR MI	190.3	APP	BPRM -20080619ALV
19	WXMI	GRAND RAPIDS MI	38.5	APP	BPCDT -20080619AKI
19	WXMI	GRAND RAPIDS MI	38.5	LIC	BLCDT -20030117ABD
19	WMTV	MADISON WI	322.2	LIC	BLCDT -20040823ABP
19	WMTV	MADISON WI	322.2	CP	BPCDT -20080609ABR
20	WOTV	BATTLE CREEK MI	51.6	APP	BPCDT -20091104AEK
20	WOTV	BATTLE CREEK MI	51.6	LIC	BLCDT -20030721AHS
21	WCMW	MANISTEE MI	132.1	LIC	BLEDT -20090612ABH
22	WNEM-TV	BAY CITY MI	144.2	CP MOD	BMPCDT -20040721AMM
26	WCMU-TV	MOUNT PLEASANT MI	83.8	LIC	BLEDT -20090611AAJ
34	WHTV	JACKSON MI	100.8	CP	BPCDT -20080620AGY
34	WHTV	JACKSON MI	100.8	LIC	BLCDT -20071116ABR
34	WHTV	JACKSON MI	100.8	APP	BMPCDT -20101013ADM
20	WHNE	FLINT MI	202.4	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 6

Analysis of current record

Channel	Call	City/State	Application Ref. No.
19	WXMI	GRAND RAPIDS MI	BLCDT -20030117ABD

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
18	WISE-TV	FORT WAYNE IN	178.5	CP	BPCDT	-20080619AIM
18	WISE-DR	FORT WAYNE IN	178.5	APP	BPRM	-20080820AHU
18	WVTV	MILWAUKEE WI	198.4	CP MOD	BMPCDT	-20100413AAP
19	WGN-TV	CHICAGO IL	194.9	APP	BPCDT	-20080619AFN
19	WGN-TV	CHICAGO IL	194.9	LIC	BMLCDT	-20080201APP
19	WHOI	PEORIA IL	405.5	LIC	BLCDT	-20090622AFB
19	WPXD-DR	ANN ARBOR MI	183.1	APP	BPRM	-20080619ALV
19	WMTV	MADISON WI	324.6	LIC	BLCDT	-20040823ABP
19	WMTV	MADISON WI	324.6	CP	BPCDT	-20080609ABR
20	WOTV	BATTLE CREEK MI	14.0	APP	BPCDT	-20091104AEK
20	WOTV	BATTLE CREEK MI	14.0	LIC	BLCDT	-20030721AHS
20	WHNE	FLINT MI	195.0	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.
20	WPVN-LD	AURORA IL	BLDTL	-20100315ABN

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
19	WGN-TV	CHICAGO IL	38.3	APP	BPCDT	-20080619AFN
19	WGN-TV	CHICAGO IL	38.3	LIC	BMLCDT	-20080201APP
20	WHMB-DR	INDIANAPOLIS IN	284.4	APP	BPRM	-20080619AEU
20	WHMB-TV	INDIANAPOLIS IN	284.4	CP	BPCDT	-20090424ACR
20	WUVI-LP	WEST LAFAYETTE IN	124.9	CP	BDISDTL	-20091014AFD
20	WUVI-LP	WEST LAFAYETTE IN	124.9	APP	BSTA	-20100706CUS
20	WOTV	BATTLE CREEK MI	219.6	APP	BPCDT	-20091104AEK
20	WOTV	BATTLE CREEK MI	219.6	LIC	BLCDT	-20030721AHS
20	WHA-TV	MADISON WI	166.0	CP	BPEDT	-20080620AEM
20	WHA-TV	MADISON WI	166.0	LIC	BLEDT	-20020503AAF
20	WMKE-LD	MILWAUKEE WI	111.0	CP	BDCCDTL	-20061030AFR
21	WYCC	CHICAGO IL	38.3	LIC	BLEDT	-20030501ABC
20	WHNE	FLINT MI	403.2	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 8

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
20	W20DG-D	FORT WAYNE IN	BNPDTL	-20090825AVL

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
19	NEW	FORT WAYNE IN	0.0	APP	BNPDTL	-20091228AAW
20	WHMB-DR	INDIANAPOLIS IN	158.4	APP	BPRM	-20080619AEU
20	WHMB-TV	INDIANAPOLIS IN	158.4	CP	BPCDT	-20090424ACR
20	WOTV	BATTLE CREEK MI	175.2	APP	BPCDT	-20091104AEK
20	WOTV	BATTLE CREEK MI	175.2	LIC	BLCDT	-20030721AHS

20	NEW	FINDLAY OH	87.1	APP	BDCCDTL	-20061026AGA
20	WLWD-LP	SPRINGFIELD OH	155.6	LIC	BLTT	-20051219ADW
20	WFMJ-TV	YOUNGSTOWN OH	370.8	CP	BPCDT	-19991027AAV
21	NEW	FORT WAYNE IN	0.0	APP	BNPDTL	-20091228AAU
20	WHNE	FLINT MI	222.8	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.
20	WHMB-DR	INDIANAPOLIS IN	BPRM -20080619AEU

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
19	WUSI-TV	OLNEY IL	202.7	LIC	BLEDT -20060619ABG
20	WHMB-TV	INDIANAPOLIS IN	0.0	CP	BPCDT -20090424ACR
20	WAZE-TV	MADISONVILLE KY	298.4	CP	BPCDT -19991101AHC
20	WOTV	BATTLE CREEK MI	303.8	APP	BPCDT -20091104AEK
20	WOTV	BATTLE CREEK MI	303.8	LIC	BLCDT -20030721AHS
21	WFYI	INDIANAPOLIS IN	0.7	CP	BPEDT -20081219AEH
21	WFYI	INDIANAPOLIS IN	0.8	LIC	BLEDT -20030310BAD
20	WHNE	FLINT MI	380.7	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.
20	WHMB-TV	INDIANAPOLIS IN	BPCDT -20090424ACR

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
19	WUSI-TV	OLNEY IL	202.7	LIC	BLEDT -20060619ABG
20	WHMB-DR	INDIANAPOLIS IN	0.0	APP	BPRM -20080619AEU
20	WAZE-TV	MADISONVILLE KY	298.4	CP	BPCDT -19991101AHC
20	WOTV	BATTLE CREEK MI	303.8	APP	BPCDT -20091104AEK
20	WOTV	BATTLE CREEK MI	303.8	LIC	BLCDT -20030721AHS
21	WFYI	INDIANAPOLIS IN	0.7	CP	BPEDT -20081219AEH
21	WFYI	INDIANAPOLIS IN	0.8	LIC	BLEDT -20030310BAD
20	WHNE	FLINT MI	380.7	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 11

Analysis of current record

Channel	Call	City/State	Application Ref. No.
20	WUVI-LP	WEST LAFAYETTE IN	BDISDTL -20091014AFD

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
19	WGN-TV	CHICAGO IL	93.0	APP	BPCDT -20080619AFN
19	WGN-TV	CHICAGO IL	93.0	LIC	BMLCDT -20080201APP

20	WPVN-LD	AURORA IL	124.9	LIC	BLDTL	-20100315ABN
20	WHMB-DR	INDIANAPOLIS IN	159.5	APP	BPRM	-20080619AEU
20	WHMB-TV	INDIANAPOLIS IN	159.5	CP	BPCDT	-20090424ACR
20	WOTV	BATTLE CREEK MI	219.0	APP	BPCDT	-20091104AEK
20	WOTV	BATTLE CREEK MI	219.0	LIC	BLCDT	-20030721AHS
20	WHA-TV	MADISON WI	288.8	CP	BPEDT	-20080620AEM
20	WHA-TV	MADISON WI	288.8	LIC	BLEDT	-20020503AAF
21	WYCC	CHICAGO IL	94.7	LIC	BLEDT	-20030501ABC
20	WHNE	FLINT MI	368.0	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.
20	WUVI-LP	WEST LAFAYETTE IN	BSTA	-20100706CUS

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
19	WGN-TV	CHICAGO IL	93.0	APP	BPCDT	-20080619AFN
19	WGN-TV	CHICAGO IL	93.0	LIC	BMLCDT	-20080201APP
20	WPVN-LD	AURORA IL	124.9	LIC	BLDTL	-20100315ABN
20	WHMB-DR	INDIANAPOLIS IN	159.5	APP	BPRM	-20080619AEU
20	WHMB-TV	INDIANAPOLIS IN	159.5	CP	BPCDT	-20090424ACR
20	WOTV	BATTLE CREEK MI	219.0	APP	BPCDT	-20091104AEK
20	WOTV	BATTLE CREEK MI	219.0	LIC	BLCDT	-20030721AHS
20	WHA-TV	MADISON WI	288.8	CP	BPEDT	-20080620AEM
20	WHA-TV	MADISON WI	288.8	LIC	BLEDT	-20020503AAF
21	WYCC	CHICAGO IL	94.7	LIC	BLEDT	-20030501ABC
20	WHNE	FLINT MI	368.0	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 13

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
20	WOTV	BATTLE CREEK MI	BPCDT	-20091104AEK

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
19	WGN-TV	CHICAGO IL	194.3	APP	BPCDT	-20080619AFN
19	WGN-TV	CHICAGO IL	194.3	LIC	BMLCDT	-20080201APP
19	WPXD-DR	ANN ARBOR MI	176.9	APP	BPRM	-20080619ALV
19	WXMI	GRAND RAPIDS MI	14.0	APP	BPCDT	-20080619AKI
19	WXMI	GRAND RAPIDS MI	14.0	LIC	BLCDT	-20030117ABD
20	WHMB-DR	INDIANAPOLIS IN	303.8	APP	BPRM	-20080619AEU
20	WHMB-TV	INDIANAPOLIS IN	303.8	CP	BPCDT	-20090424ACR
20	WHA-TV	MADISON WI	335.9	CP	BPEDT	-20080620AEM
20	WHA-TV	MADISON WI	335.9	LIC	BLEDT	-20020503AAF
21	WYCC	CHICAGO IL	192.4	LIC	BLEDT	-20030501ABC
21	WMYD	DETROIT MI	188.6	LIC	BLCDT	-20040524AOG
21	WCMW	MANISTEE MI	180.3	LIC	BLEDT	-20090612ABH
20	WHNE	FLINT MI	188.6	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 14

Analysis of current record

Channel	Call	City/State	Application Ref. No.
20	WOTV	BATTLE CREEK MI	BLCDT -20030721AHS

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
19	WGN-TV	CHICAGO IL	194.3	APP	BPCDT -20080619AFN
19	WGN-TV	CHICAGO IL	194.3	LIC	BMLCDT -20080201APP
19	WPXD-DR	ANN ARBOR MI	176.9	APP	BPRM -20080619ALV
19	WXMI	GRAND RAPIDS MI	14.0	APP	BPCDT -20080619AKI
19	WXMI	GRAND RAPIDS MI	14.0	LIC	BLCDT -20030117ABD
20	WHMB-DR	INDIANAPOLIS IN	303.8	APP	BPRM -20080619AEU
20	WHMB-TV	INDIANAPOLIS IN	303.8	CP	BPCDT -20090424ACR
20	WHA-TV	MADISON WI	335.9	CP	BPEDT -20080620AEM
20	WHA-TV	MADISON WI	335.9	LIC	BLEDT -20020503AAF
21	WYCC	CHICAGO IL	192.4	LIC	BLEDT -20030501ABC
21	WMYD	DETROIT MI	188.6	LIC	BLCDT -20040524AOG
21	WCMW	MANISTEE MI	180.3	LIC	BLEDT -20090612ABH
20	WHNE	FLINT MI	188.6	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.
20	NEW	ROSCOMMON MI	BNPDTL -20100223ACY

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
19	NEW	ROSCOMMON MI	0.0	APP	BNPDTL -20100223ACZ
20	WOTV	BATTLE CREEK MI	226.6	APP	BPCDT -20091104AEK
20	WOTV	BATTLE CREEK MI	226.6	LIC	BLCDT -20030721AHS
20	NEW	TRAVERSE CITY MI	78.5	APP	BNPDTL -20100301ADA
20	NEW	VANDERBILT MI	75.1	APP	BNPDTL -20100223ADM
20	WHNE	FLINT MI	264.3	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.
20	NEW	TRAVERSE CITY MI	BNPDTL -20100301ADA

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
19	NEW	TRAVERSE CITY MI	0.0	APP	BNPDTL -20100301ACZ
20	WOTV	BATTLE CREEK MI	243.5	APP	BPCDT -20091104AEK
20	WOTV	BATTLE CREEK MI	243.5	LIC	BLCDT -20030721AHS
20	W20BZ	ESCANABA MI	159.4	LIC	BLTT -20030311AHL
20	NEW	ROSCOMMON MI	78.5	APP	BNPDTL -20100223ACY

20	NEW	VANDERBILT MI	97.1	APP	BNPDTL	-20100223ADM
20	WHA-TV	MADISON WI	362.0	CP	BPEDT	-20080620AEM
20	WHA-TV	MADISON WI	362.0	LIC	BLEDT	-20020503AAF
21	WCMW	MANISTEE MI	92.7	LIC	BLEDT	-20090612ABH
20	WHNE	FLINT MI	326.3	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.
20	NEW	VANDERBILT MI	BNPDTL -20100223ADM

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
20	WOTV	BATTLE CREEK MI	301.1	APP	BPCDT -20091104AEK
20	WOTV	BATTLE CREEK MI	301.1	LIC	BLCDT -20030721AHS
20	NEW	ROSCOMMON MI	75.1	APP	BNPDTL -20100223ACY
20	NEW	TRAVERSE CITY MI	97.1	APP	BNPDTL -20100301ADA
20	WHNE	FLINT MI	328.3	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.
20	W20AB	OLEAN NY	BLTTL -19870120IA

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
16	WXXI-TV	ROCHESTER NY	136.2	LIC	BLEDT -20030916ABS
16	WSEE-TV	ERIE PA	129.9	CP MOD	BMPCDT -20050216ACD
18	WETM-TV	ELMIRA NY	128.6	LIC	BLCDT -20090622AFJ
20	W20BL	BATH NY	102.8	LIC	BLTTL -19961015JG
20	W20BT	ITHACA NY	163.8	LIC	BLTTL -19990809JL
20	WNYI	ITHACA NY	209.6	APP	BMPCDT -20100430AEA
20	WNYI	ITHACA NY	209.6	CP MOD	BMPCDT -20090910AAU
20	WAWW-LP	ROCHESTER NY	136.1	CP	BDISTTL -20090102AAC
20	WFMJ-TV	YOUNGSTOWN OH	214.8	CP	BPCDT -19991027AAV
20	W20CP-D	MANSFIELD PA	129.5	APP	BSTA -20081208AEC
22	WFXP	ERIE PA	135.3	CP MOD	BMPCDT -20070404ACJ
23	WPXJ-TV	BATAVIA NY	96.7	LIC	BLCDT -20090612AHY
24	WJET-TV	ERIE PA	135.3	CP MOD	BMPCDT -20080612ABV
28	WUHF	ROCHESTER NY	136.1	LIC	BLCDT -20050316AAK
20	WHNE	FLINT MI	392.2	APP	USERRECORD-01

Proposed station is beyond the site to nearest cell evaluation distance

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Analysis of Interference to Affected Station 19

Analysis of current record

Channel	Call	City/State	Application Ref. No.
20	WOTH-LD	CINCINNATI OH	BDCCDTL -20070403ACT

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
19	WBQC-LP	CINCINNATI OH	0.0	CP	BDISTTL	-20090622AEZ
20	WHMB-DR	INDIANAPOLIS IN	169.5	APP	BPRM	-20080619AEU
20	WHMB-TV	INDIANAPOLIS IN	169.5	CP	BPCDT	-20090424ACR
20	W20CT-D	AUGUSTA KY	58.0	LIC	BLDTT	-20080819ACK
20	W20CT-D	AUGUSTA KY	58.0	APP	BSTA	-20081024ACY
20	WAZE-TV	MADISONVILLE KY	325.3	CP	BPCDT	-19991101AHC
20	WOTV	BATTLE CREEK MI	391.6	APP	BPCDT	-20091104AEK
20	WOTV	BATTLE CREEK MI	391.6	LIC	BLCDDT	-20030721AHS
20	WLWD-LP	SPRINGFIELD OH	107.8	LIC	BLTT	-20051219ADW
20	WFMJ-TV	YOUNGSTOWN OH	393.4	CP	BPCDT	-19991027AAV
20	WBXX-TV	CROSSVILLE TN	335.5	LIC	BLCDDT	-20090619ABD
20	WHNE	FLINT MI	385.8	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 20

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
20	NEW	FINDLAY OH	BDCCDTL	-20061026AGA

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
20	W20DG-D	FORT WAYNE IN	87.1	CP	BNPDTL	-20090825AVL
20	WHMB-DR	INDIANAPOLIS IN	201.2	APP	BPRM	-20080619AEU
20	WHMB-TV	INDIANAPOLIS IN	201.2	CP	BPCDT	-20090424ACR
20	WOTV	BATTLE CREEK MI	233.6	APP	BPCDT	-20091104AEK
20	WOTV	BATTLE CREEK MI	233.6	LIC	BLCDDT	-20030721AHS
20	WLWD-LP	SPRINGFIELD OH	88.1	LIC	BLTT	-20051219ADW
20	WFMJ-TV	YOUNGSTOWN OH	293.3	CP	BPCDT	-19991027AAV
21	WBNS-TV	COLUMBUS OH	124.4	APP	BPCDT	-20080620ANA
21	WBNS-TV	COLUMBUS OH	124.4	LIC	BLCDDT	-20021025ABK
20	WHNE	FLINT MI	205.6	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 21

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
20	WLWD-LP	SPRINGFIELD OH	BLTT	-20051219ADW

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
16	WPTD	DAYTON OH	42.5	LIC	BLEDT	-20090923ACN
20	WHMB-DR	INDIANAPOLIS IN	199.8	APP	BPRM	-20080619AEU
20	WHMB-TV	INDIANAPOLIS IN	199.8	CP	BPCDT	-20090424ACR
20	WOTV	BATTLE CREEK MI	319.4	APP	BPCDT	-20091104AEK
20	WOTV	BATTLE CREEK MI	319.4	LIC	BLCDDT	-20030721AHS
20	NEW	FINDLAY OH	88.1	APP	BDCCDTL	-20061026AGA
20	WFMJ-TV	YOUNGSTOWN OH	299.3	CP	BPCDT	-19991027AAV
21	WBNS-TV	COLUMBUS OH	71.2	APP	BPCDT	-20080620ANA
21	WBNS-TV	COLUMBUS OH	71.2	LIC	BLCDDT	-20021025ABK
22	WCPO-TV	CINCINNATI OH	107.8	CP	BPCDT	-20100115ABY

23	WIPB	MUNCIE IN	130.9	CP MOD	BMPEDT	-20080620AAH
24	WCVN-TV	COVINGTON KY	117.3	LIC	BLEDT	-20020201ABJ
24	WSFJ-TV	NEWARK OH	100.3	LIC	BLCDT	-20060620ABC
27	WBGU-TV	BOWLING GREEN OH	130.6	LIC	BLEDT	-20090612AFQ
28	WPTO	OXFORD OH	110.3	LIC	BLEDT	-20040714AAQ
34	WCET	CINCINNATI OH	108.9	LIC	BLEDT	-20061031AAR
35	WLWT	CINCINNATI OH	108.9	LIC	BLCDT	-20050502ABC
20	WHNE	FLINT MI	282.3	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.
20	WFMJ-TV	YOUNGSTOWN OH	BPCDT	-19991027AAV

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
20	WNYI	ITHACA NY	423.2	APP	BMPCDT	-20100430AEA
20	WNYI	ITHACA NY	423.2	CP MOD	BMPCDT	-20090910AAU
20	WWCW	LYNCHBURG VA	426.8	CP MOD	BMPCDT	-20080619AJT
20	WHNE	FLINT MI	259.2	APP	USERRECORD-01	

Total scenarios = 1

Result key: 1
Scenario 1 Affected station 22
Before Analysis

Results for: 20A OH YOUNGSTOWN BPCDT 19991027AAV CP
HAAT 295.0 m, ATV ERP 460.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3624818	24295.1
not affected by terrain losses	3360231	23533.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	0	0.0
lost to ATV IX only	0	0.0
lost to all IX	0	0.0

Potential Interfering Stations Included in above Scenario 1

After Analysis

Results for: 20A OH YOUNGSTOWN BPCDT 19991027AAV CP
HAAT 295.0 m, ATV ERP 460.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3624818	24295.1
not affected by terrain losses	3360231	23533.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	213	1.0
lost to ATV IX only	213	1.0
lost to all IX	213	1.0

Potential Interfering Stations Included in above Scenario 1

20A MI FLINT	USERRECORD01	APP
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Percent new IX = 0.0063%

Worst case new IX 0.0063% Scenario 1

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Analysis of Interference to Affected Station 23

Analysis of current record

Channel	Call	City/State	Application Ref. No.
20	WWLM-CA	WASHINGTON PA	BLTTL -19990413JC

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
20	WFMJ-TV	YOUNGSTOWN OH	104.7	CP	BPCDT -19991027AAV
20	WWCW	LYNCHBURG VA	323.2	CP MOD	BMPCDT -20080619AJT
34	WJAC-TV	JOHNSTOWN PA	108.0	LIC	BLCDT -20051123AKN
34	WJAC-TV	JOHNSTOWN PA	108.0	CP	BPCDT -20080619ADU
35	WOUC-TV	CAMBRIDGE OH	90.3	LIC	BLEDT -20050427AAB
20	WHNE	FLINT MI	351.0	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.
20	WWLM-CA	WASHINGTON PA	BDFCDTA -20081208AAK

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
20	WFMJ-TV	YOUNGSTOWN OH	104.7	CP	BPCDT -19991027AAV
20	WWCW	LYNCHBURG VA	323.2	CP MOD	BMPCDT -20080619AJT
20	WHNE	FLINT MI	351.0	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 25

Analysis of current record

Channel	Call	City/State	Application Ref. No.
20	WMKE-LD	MILWAUKEE WI	BDCCDTL -20061030AFR

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
19	WGN-TV	CHICAGO IL	131.0	APP	BPCDT -20080619AFN
19	WGN-TV	CHICAGO IL	131.0	LIC	BMLCDT -20080201APP
19	WMTV	MADISON WI	127.5	LIC	BLCDT -20040823ABP
19	WMTV	MADISON WI	127.5	CP	BPCDT -20080609ABR
20	WPVN-LD	AURORA IL	111.0	LIC	BLDTL -20100315ABN
20	WHMB-DR	INDIANAPOLIS IN	377.4	APP	BPRM -20080619AEU
20	WHMB-TV	INDIANAPOLIS IN	377.4	CP	BPCDT -20090424ACR
20	WOTV	BATTLE CREEK MI	206.4	APP	BPCDT -20091104AEK
20	WOTV	BATTLE CREEK MI	206.4	LIC	BLCDT -20030721AHS
20	KSMQ-TV	AUSTIN MN	378.5	LIC	BLEDT -20081223AAK
20	WHA-TV	MADISON WI	131.4	CP	BPEDT -20080620AEM
20	WHA-TV	MADISON WI	131.4	LIC	BLEDT -20020503AAF
21	WYCC	CHICAGO IL	129.0	LIC	BLEDT -20030501ABC
20	WHNE	FLINT MI	392.8	APP	USERRECORD-01

Proposed station is beyond the site to

nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 26

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
21	WMYD	DETROIT MI	BLCDT	-20040524AOG

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
20	WOTV	BATTLE CREEK MI	188.6	APP	BPCDT	-20091104AEK
20	WOTV	BATTLE CREEK MI	188.6	LIC	BLCDT	-20030721AHS
21	WYCC	CHICAGO IL	371.6	LIC	BLEDT	-20030501ABC
21	WFYI	INDIANAPOLIS IN	380.0	CP	BPEDT	-20081219AEH
21	WFYI	INDIANAPOLIS IN	379.9	LIC	BLEDT	-20030310BAD
21	WCMW	MANISTEE MI	312.6	LIC	BLEDT	-20090612ABH
21	WBNS-TV	COLUMBUS OH	275.6	APP	BPCDT	-20080620ANA
21	WBNS-TV	COLUMBUS OH	275.6	LIC	BLCDT	-20021025ABK
22	WNEM-TV	BAY CITY MI	126.0	CP MOD	BMPCDT	-20040721AMM
20	WHNE	FLINT MI	0.0	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 27

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
22	DW24CG	JACKSON MI	BPTTL	-20011227AAW

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
14	WKBD-TV	DETROIT MI	99.6	APP	BPCDT	-20080619ABE
14	WKBD-TV	DETROIT MI	99.6	LIC	BLCDT	-20090202AHW
15	WDCQ-TV	BAD AXE MI	143.1	LIC	BLEDT	-20030922ABG
19	WPXD-DR	ANN ARBOR MI	99.6	APP	BPRM	-20080619ALV
19	WXMI	GRAND RAPIDS MI	87.8	APP	BPCDT	-20080619AKI
19	WXMI	GRAND RAPIDS MI	87.8	LIC	BLCDT	-20030117ABD
20	WOTV	BATTLE CREEK MI	79.2	APP	BPCDT	-20091104AEK
20	WOTV	BATTLE CREEK MI	79.2	LIC	BLCDT	-20030721AHS
21	WMYD	DETROIT MI	110.8	LIC	BLCDT	-20040524AOG
22	WSBT-TV	SOUTH BEND IN	165.9	CP MOD	BMPCDT	-20080620ABV
22	WNEM-TV	BAY CITY MI	129.2	CP MOD	BMPCDT	-20040721AMM
22	WCPO-TV	CINCINNATI OH	366.3	CP	BPCDT	-20100115ABY
22	WFXP	ERIE PA	369.0	CP MOD	BMPCDT	-20070404ACJ
22	WVCY-TV	MILWAUKEE WI	285.9	LIC	BLCDT	-20060619AAX
24	WTLJ	MUSKEGON MI	127.4	LIC	BLCDT	-20051115ABP
24	WTLJ	MUSKEGON MI	127.4	CP	BPCDT	-20080620ADX
29	WGTE-TV	TOLEDO OH	123.8	LIC	BLEDT	-20031110AKO
30	WEYI-TV	SAGINAW MI	110.1	LIC	BLCDT	-20040123ASH
36	WLNS-TV	LANSING MI	32.2	CP MOD	BMPCDT	-20080618AEA
20	WHNE	FLINT MI	110.8	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 28

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
23	WUDT-CA	DETROIT MI	BLTTA	-20041222AAZ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
15	WDCQ-TV	BAD AXE MI	128.0	LIC	BLEDT	-20030922ABG
16	WSMH	FLINT MI	113.5	CP	BPCDT	-20051115ADO
16	WSMH	FLINT MI	112.0	CP	BPCDT	-19991028ACK
16	WSMH	FLINT MI	113.5	LIC	BLCDT	-20090804ABG
19	WPXD-DR	ANN ARBOR MI	12.1	APP	BPRM	-20080619ALV
21	WMYD	DETROIT MI	0.0	LIC	BLCDT	-20040524AOG
22	WNEM-TV	BAY CITY MI	126.0	CP MOD	BMPCDT	-20040721AMM
23	WIPB	MUNCIE IN	320.7	CP MOD	BMPEDT	-20080620AAH
23	WVPX-TV	AKRON OH	202.5	CP MOD	BMPCDT	-20080619AEG
23	WVPX-TV	AKRON OH	202.5	LIC	BLCDT	-20090612AIC
23	W38DH	TOELDO OH	95.9	APP	BDISDTL	-20100303AAB
30	WEYI-TV	SAGINAW MI	96.5	LIC	BLCDT	-20040123ASH
31	WPXD-TV	ANN ARBOR MI	74.0	CP MOD	BMPCDT	-20080619AHZ
38	WSYM-TV	LANSING MI	121.3	LIC	BLCDT	-20061107ADX
20	WHNE	FLINT MI	0.0	APP	USERRECORD-01	

Total scenarios = 10

Result key: 2
 Scenario 1 Affected station 28
 Before Analysis

Results for: 23N MI DETROIT	BLTTA	20041222AAZ	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1891829	1359.3	
not affected by terrain losses	1891829	1359.3	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	138844	74.4	
lost to all IX	138844	74.4	

Potential Interfering Stations Included in above Scenario 1

21A MI DETROIT	BLCDT	20040524AOG	LIC
23A OH AKRON	BMPCDT	20080619AEG	CP

After Analysis

Results for: 23N MI DETROIT	BLTTA	20041222AAZ	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1891829	1359.3	
not affected by terrain losses	1891829	1359.3	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	138844	74.4	
lost to all IX	138844	74.4	

Potential Interfering Stations Included in above Scenario 1

21A MI DETROIT	BLCDT	20040524AOG	LIC
23A OH AKRON	BMPCDT	20080619AEG	CP
20A MI FLINT	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 3
 Scenario 2 Affected station 28
 Before Analysis

Results for: 23N MI DETROIT	BLTTA	20041222AAZ	LIC
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	POPULATION	AREA (sq km)
within Noise Limited Contour	1891829	1359.3
not affected by terrain losses	1891829	1359.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	129746	70.4
lost to all IX	129746	70.4

Potential Interfering Stations Included in above Scenario 2

21A MI DETROIT	BLCDDT	20040524AOG	LIC
23A OH AKRON	BLCDDT	20090612AIC	LIC

After Analysis

Results for: 23N MI DETROIT	BLTTA	20041222AAZ	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1891829	1359.3	
not affected by terrain losses	1891829	1359.3	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	129746	70.4	
lost to all IX	129746	70.4	

Potential Interfering Stations Included in above Scenario 2

21A MI DETROIT	BLCDDT	20040524AOG	LIC
23A OH AKRON	BLCDDT	20090612AIC	LIC
20A MI FLINT	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 4
 Scenario 3 Affected station 28
 Before Analysis

Results for: 23N MI DETROIT	BLTTA	20041222AAZ	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1891829	1359.3	
not affected by terrain losses	1891829	1359.3	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	138844	74.4	
lost to all IX	138844	74.4	

Potential Interfering Stations Included in above Scenario 3

19A MI ANN ARBOR	BPRM	20080619ALV	APP
21A MI DETROIT	BLCDDT	20040524AOG	LIC
23A OH AKRON	BMPCDDT	20080619AEG	CP
23A OH TOELDO	BDISDTL	20100303AAB	APP

After Analysis

Results for: 23N MI DETROIT	BLTTA	20041222AAZ	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1891829	1359.3	
not affected by terrain losses	1891829	1359.3	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	138844	74.4	
lost to all IX	138844	74.4	

Potential Interfering Stations Included in above Scenario 3

19A MI ANN ARBOR	BPRM	20080619ALV	APP
21A MI DETROIT	BLCDDT	20040524AOG	LIC
23A OH AKRON	BMPCDDT	20080619AEG	CP
23A OH TOELDO	BDISDTL	20100303AAB	APP
20A MI FLINT	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 5
Scenario 4 Affected station 28
Before Analysis

Results for: 23N MI DETROIT	BLTTA	20041222AAZ	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1891829	1359.3	
not affected by terrain losses	1891829	1359.3	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	138844	74.4	
lost to all IX	138844	74.4	

Potential Interfering Stations Included in above Scenario 4

19A MI ANN ARBOR	BPRM	20080619ALV	APP
21A MI DETROIT	BLCDDT	20040524AOG	LIC
23A OH AKRON	BMPCDDT	20080619AEG	CP

After Analysis

Results for: 23N MI DETROIT	BLTTA	20041222AAZ	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1891829	1359.3	
not affected by terrain losses	1891829	1359.3	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	138844	74.4	
lost to all IX	138844	74.4	

Potential Interfering Stations Included in above Scenario 4

19A MI ANN ARBOR	BPRM	20080619ALV	APP
21A MI DETROIT	BLCDDT	20040524AOG	LIC
23A OH AKRON	BMPCDDT	20080619AEG	CP
20A MI FLINT	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 6
Scenario 5 Affected station 28
Before Analysis

Results for: 23N MI DETROIT	BLTTA	20041222AAZ	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1891829	1359.3	
not affected by terrain losses	1891829	1359.3	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	129746	70.4	
lost to all IX	129746	70.4	

Potential Interfering Stations Included in above Scenario 5

19A MI ANN ARBOR	BPRM	20080619ALV	APP
21A MI DETROIT	BLCDDT	20040524AOG	LIC
23A OH AKRON	BLCDDT	20090612AIC	LIC
23A OH TOELDO	BDISDTL	20100303AAB	APP

After Analysis

Results for: 23N MI DETROIT	BLTTA	20041222AAZ	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1891829	1359.3	
not affected by terrain losses	1891829	1359.3	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	129746	70.4	
lost to all IX	129746	70.4	

Potential Interfering Stations Included in above Scenario 5

19A MI ANN ARBOR	BPRM	20080619ALV	APP
21A MI DETROIT	BLCDDT	20040524AOG	LIC
23A OH AKRON	BLCDDT	20090612AIC	LIC
23A OH TOELDO	BDISDTL	20100303AAB	APP
20A MI FLINT	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 7
 Scenario 6 Affected station 28
 Before Analysis

Results for: 23N MI DETROIT	BLTTA	20041222AAZ	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1891829	1359.3	
not affected by terrain losses	1891829	1359.3	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	129746	70.4	
lost to all IX	129746	70.4	

Potential Interfering Stations Included in above Scenario 6

19A MI ANN ARBOR	BPRM	20080619ALV	APP
21A MI DETROIT	BLCDDT	20040524AOG	LIC
23A OH AKRON	BLCDDT	20090612AIC	LIC

After Analysis

Results for: 23N MI DETROIT	BLTTA	20041222AAZ	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1891829	1359.3	
not affected by terrain losses	1891829	1359.3	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	129746	70.4	
lost to all IX	129746	70.4	

Potential Interfering Stations Included in above Scenario 6

19A MI ANN ARBOR	BPRM	20080619ALV	APP
21A MI DETROIT	BLCDDT	20040524AOG	LIC
23A OH AKRON	BLCDDT	20090612AIC	LIC
20A MI FLINT	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 8
 Scenario 7 Affected station 28
 Before Analysis

Results for: 23N MI DETROIT	BLTTA	20041222AAZ	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1891829	1359.3	
not affected by terrain losses	1891829	1359.3	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	138844	74.4	
lost to all IX	138844	74.4	

Potential Interfering Stations Included in above Scenario 7

21A MI DETROIT	BLCDDT	20040524AOG	LIC
23A OH AKRON	BMPCDDT	20080619AEG	CP
23A OH TOELDO	BDISDTL	20100303AAB	APP

After Analysis

Results for: 23N MI DETROIT	BLTTA	20041222AAZ	LIC
	POPULATION	AREA (sq km)	

within Noise Limited Contour	1891829	1359.3
not affected by terrain losses	1891829	1359.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	138844	74.4
lost to all IX	138844	74.4

Potential Interfering Stations Included in above Scenario 7

21A MI DETROIT	BLCDT	20040524AOG	LIC
23A OH AKRON	BMPCDT	20080619AEG	CP
23A OH TOELDO	BDISDTL	20100303AAB	APP
20A MI FLINT	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 9
 Scenario 8 Affected station 28
 Before Analysis

Results for: 23N MI DETROIT

	BLTTA	20041222AAZ	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1891829	1359.3	
not affected by terrain losses	1891829	1359.3	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	138844	74.4	
lost to all IX	138844	74.4	

Potential Interfering Stations Included in above Scenario 8

21A MI DETROIT	BLCDT	20040524AOG	LIC
23A OH AKRON	BMPCDT	20080619AEG	CP

After Analysis

Results for: 23N MI DETROIT

	BLTTA	20041222AAZ	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1891829	1359.3	
not affected by terrain losses	1891829	1359.3	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	138844	74.4	
lost to all IX	138844	74.4	

Potential Interfering Stations Included in above Scenario 8

21A MI DETROIT	BLCDT	20040524AOG	LIC
23A OH AKRON	BMPCDT	20080619AEG	CP
20A MI FLINT	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 10
 Scenario 9 Affected station 28
 Before Analysis

Results for: 23N MI DETROIT

	BLTTA	20041222AAZ	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1891829	1359.3	
not affected by terrain losses	1891829	1359.3	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	129746	70.4	
lost to all IX	129746	70.4	

Potential Interfering Stations Included in above Scenario 9

21A MI DETROIT	BLCDT	20040524AOG	LIC
23A OH AKRON	BLCDT	20090612AIC	LIC
23A OH TOELDO	BDISDTL	20100303AAB	APP

After Analysis

Results for: 23N MI DETROIT	BLTTA	20041222AAZ	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1891829	1359.3	
not affected by terrain losses	1891829	1359.3	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	129746	70.4	
lost to all IX	129746	70.4	

Potential Interfering Stations Included in above Scenario 9

21A MI DETROIT	BLCDDT	20040524AOG	LIC
23A OH AKRON	BLCDDT	20090612AIC	LIC
23A OH TOELDO	BDISDTL	20100303AAB	APP
20A MI FLINT	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 11
Scenario 10 Affected station 28
Before Analysis

Results for: 23N MI DETROIT	BLTTA	20041222AAZ	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1891829	1359.3	
not affected by terrain losses	1891829	1359.3	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	129746	70.4	
lost to all IX	129746	70.4	

Potential Interfering Stations Included in above Scenario 10

21A MI DETROIT	BLCDDT	20040524AOG	LIC
23A OH AKRON	BLCDDT	20090612AIC	LIC

After Analysis

Results for: 23N MI DETROIT	BLTTA	20041222AAZ	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1891829	1359.3	
not affected by terrain losses	1891829	1359.3	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	129746	70.4	
lost to all IX	129746	70.4	

Potential Interfering Stations Included in above Scenario 10

21A MI DETROIT	BLCDDT	20040524AOG	LIC
23A OH AKRON	BLCDDT	20090612AIC	LIC
20A MI FLINT	USERRECORD01		APP

Percent new IX = 0.0000%

Worst case new IX 0.0000% Scenario 1

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Analysis of Interference to Affected Station 29

Analysis of current record

Channel	Call	City/State	Application Ref. No.
27	WFHD-LP	ANN ARBOR MI	BLTT -20000925AAY

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
19	WPXD-DR	ANN ARBOR MI	42.1	APP	BPRM	-20080619ALV
20	WOTV	BATTLE CREEK MI	145.3	APP	BPCDT	-20091104AEK
20	WOTV	BATTLE CREEK MI	145.3	LIC	BLCDT	-20030721AHS
27	WCIU-TV	CHICAGO IL	324.3	LIC	BLCDT	-20060525ADR
27	WCIU-TV	CHICAGO IL	324.3	CP MOD	BMPCDT	-20090105ACO
27	WIPX-TV	BLOOMINGTON IN	377.8	LIC	BLCDT	-20040406AAH
27	W27CN-D	LANSING MI	82.5	CP MOD	BMPDTL	-20090622ADQ
27	W27CN-D	LANSING MI	82.5	LIC	BLDTL	-20090630ABI
27	WOUB-TV	ATHENS OH	355.6	LIC	BLEDT	-20030411ABC
27	WBGU-TV	BOWLING GREEN OH	127.6	LIC	BLEDT	-20090612AFQ
28	WCMZ-TV	FLINT MI	72.7	LIC	BLEDT	-20081126AHB
28	WCMZ-TV	FLINT MI	72.7	CP MOD	BMPEDT	-20080617ABY
29	WGTE-TV	TOLEDO OH	73.6	LIC	BLEDT	-20031110AKO
30	WEYI-TV	SAGINAW MI	104.4	LIC	BLCDT	-20040123ASH
31	WPXD-TV	ANN ARBOR MI	28.9	CP MOD	BMPCDT	-20080619AHZ
34	WHTV	JACKSON MI	69.2	CP	BPCDT	-20080620AGY
34	WHTV	JACKSON MI	69.2	LIC	BLCDT	-20071116ABR
34	WHTV	JACKSON MI	69.2	APP	BMPCDT	-20101013ADM
41	WXYZ-TV	DETROIT MI	45.7	LIC	BLCDT	-20030325ABI
41	WXYZ-TV	DETROIT MI	45.7	CP MOD	BMPCDT	-20080618ABH
20	WHNE	FLINT MI	50.4	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.
20	WHNE	FLINT MI	USERRECORD-01	

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
19	WPXD-DR	ANN ARBOR MI	12.1	APP	BPRM	-20080619ALV
20	WHMB-DR	INDIANAPOLIS IN	380.7	APP	BPRM	-20080619AEU
20	WHMB-TV	INDIANAPOLIS IN	380.7	CP	BPCDT	-20090424ACR
20	WOTV	BATTLE CREEK MI	188.6	APP	BPCDT	-20091104AEK
20	WOTV	BATTLE CREEK MI	188.6	LIC	BLCDT	-20030721AHS
20	WFMJ-TV	YOUNGSTOWN OH	259.2	CP	BPCDT	-19991027AAV
21	WMYD	DETROIT MI	0.0	LIC	BLCDT	-20040524AOG

Total scenarios = 5

Result key: 12
Scenario 1 Affected station 30
Before Analysis

Results for: 20A MI FLINT USERRECORD01 APP

HAAT	148.0 m, ATV ERP	15.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour			4155481	5984.0
not affected by terrain losses			4155481	5984.0
lost to NTSC IX			0	0.0
lost to additional IX by ATV			620730	2151.4
lost to ATV IX only			620730	2151.4
lost to all IX			620730	2151.4

Potential Interfering Stations Included in above Scenario 1

20A MI BATTLE CREEK	BLCDT	20030721AHS	LIC
21A MI DETROIT	BLCDT	20040524AOG	LIC

Result key: 13

Scenario 2 Affected station 30
Before Analysis

Results for: 20A MI FLINT USERRECORD01 APP

HAAT 148.0 m, ATV ERP 15.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	4155481	5984.0
not affected by terrain losses	4155481	5984.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	871769	2832.6
lost to ATV IX only	871769	2832.6
lost to all IX	871769	2832.6

Potential Interfering Stations Included in above Scenario 2

19A MI ANN ARBOR	BPRM	20080619ALV	APP
20A MI BATTLE CREEK	BPCDT	20091104AEK	APP
21A MI DETROIT	BLCDT	20040524AOG	LIC

Result key: 14
Scenario 3 Affected station 30
Before Analysis

Results for: 20A MI FLINT USERRECORD01 APP

HAAT 148.0 m, ATV ERP 15.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	4155481	5984.0
not affected by terrain losses	4155481	5984.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	871769	2832.6
lost to ATV IX only	871769	2832.6
lost to all IX	871769	2832.6

Potential Interfering Stations Included in above Scenario 3

19A MI ANN ARBOR	BPRM	20080619ALV	APP
20A MI BATTLE CREEK	BLCDT	20030721AHS	LIC
21A MI DETROIT	BLCDT	20040524AOG	LIC

Result key: 15
Scenario 4 Affected station 30
Before Analysis

Results for: 20A MI FLINT USERRECORD01 APP

HAAT 148.0 m, ATV ERP 15.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	4155481	5984.0
not affected by terrain losses	4155481	5984.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	620730	2151.4
lost to ATV IX only	620730	2151.4
lost to all IX	620730	2151.4

Potential Interfering Stations Included in above Scenario 4

20A MI BATTLE CREEK	BPCDT	20091104AEK	APP
21A MI DETROIT	BLCDT	20040524AOG	LIC

Result key: 16
Scenario 5 Affected station 30
Before Analysis

Results for: 20A MI FLINT USERRECORD01 APP

HAAT 148.0 m, ATV ERP 15.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	4155481	5984.0
not affected by terrain losses	4155481	5984.0
lost to NTSC IX	0	0.0

lost to additional IX by ATV	620730	2151.4
lost to ATV IX only	620730	2151.4
lost to all IX	620730	2151.4

Potential Interfering Stations Included in above Scenario 5

20A MI BATTLE CREEK	BLCDT	20030721AHS	LIC
21A MI DETROIT	BLCDT	20040524AOG	LIC

Proposal fails scenario 2 received IX increased by 7.1%

Proposal fails scenario 3 received IX increased by 7.1%

Proposed station below MX due to received interference
20A MI FLINT USERRECORD01 APP

Proposal MX with group in scenario 3 of station 30

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