

# OET-69 Interference Analysis (WBND-LD, South Bend, IN, Ch. 39)(Summary Results)

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  
/export/home/cdbs/pt\_tvdb.sff  
TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 02-23-2012

Record Selected for Analysis

WBND-LD USERRECORD-01 SOUTH IN US  
Channel 39 ERP 15. kW HAAT 335. m RCAMSL 00577 m FULL SERVICE MASK  
Latitude 041-36-55 Longitude 0086-11-07  
Status APP Zone 1 Border Site number: 01  
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	ERP	HAAT	51.0 dBu F(50,90)
(Deg)	(kW)	(m)	(km)
0.0	15.000	345.3	57.8
45.0	15.000	347.7	57.9
90.0	15.000	334.0	57.2
135.0	15.000	323.4	56.7
180.0	15.000	324.5	56.7
225.0	15.000	317.3	56.4
270.0	15.000	339.7	57.5
315.0	15.000	351.6	58.1

Contour Overlap to Proposed Station

Contour Overlap Evaluation to Proposed Station Complete

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 = 254.4km

Proposed facility is beyond the Mexican coordination distance

Proposed station is 2.64km from AM station  
SOUTH BEND IN WSBT Status: L Antenna: DA2

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Start of Interference Analysis

Channel	Proposed Station	ARN
	Call City/State	
39	WBND-LD SOUTH IN	USERRECORD01

OET-69 Interference Analysis (WBND-LD, South Bend, IN, Ch. 39)(Summary Results)

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
24	WHVI-LP	VALPARAISO IN	70.5	LIC	BLTTL	-19921102JE
25	WCWW-LP	SOUTH BEND IN	0.0	LIC	BLTTL	-20021010AAP
25	WOGC-CA	HOLLAND MI	134.8	LIC	BLTTA	-20020812ACT
36	WUHO-LP	KALAMAZOO MI	85.5	LIC	BLTTL	-20060103ABT
38	WGBO-DT	JOLIET IL	123.3	LIC	BLCDDT	-20100709AJT
38	W38EA-D	FORT WAYNE IN	100.6	LIC	BLDTL	-20090508ABX
38	WSYM-TV	LANSING MI	158.1	LIC	BLCDDT	-20061107ADX
38	WMKG-CA	MUSKEGON MI	181.9	LIC	BLTTL	-20040824AAW
38	WLMO-LP	LIMA OH	198.2	LIC	BLTTL	-20050527BIT
39	W39BH	CHAMPAIGN IL	240.2	LIC	BLTTL	-19920420IM
39	W39DA-D	CHANA IL	253.6	CP	BNPDTL	-20090825BOS
39	WWME-LD	CHICAGO IL	123.8	LIC	BLDTL	-20100804ABG
39	WAOE	PEORIA IL	302.1	LIC	BLCDDT	-20070801EOU
39	WAOE	PEORIA IL	302.1	CP	BPCDDT	-20080620AFR
39	W39DN-D	FORT WAYNE IN	114.4	CP	BNPDTL	-20090825BSA
39	WKOI-TV	RICHMOND IN	267.9	CP	BPCDDT	-20080618ATM
39	WKOI-TV	RICHMOND IN	267.9	LIC	BLCDDT	-20050920ABV
39	WAWV-TV	TERRE HAUTE IN	282.8	LIC	BLCDDT	-20090618AAW
39	W39DM-D	WOLCOTT IN	119.0	CP	BNPDTL	-20100112ADZ
39	NEW	GAYLORD MI	376.9	APP	BNPDTL	-20100223ADG
39	WADL	MOUNT CLEMENS MI	291.3	LIC	BLCDDT	-20020507AAO
39	NEW	TRAVERSE CITY MI	351.9	APP	BNPDTT	-20090825BUC
39	WOCB-CD	MARION OH	300.2	LIC	BLDTA	-20111205AAD
39	WFRV-TV	GREEN BAY WI	335.6	LIC	BLCDDT	-20051004ABD
40	WESV-LD	CHICAGO IL	123.8	CP	BPDTL	-20111114ABK
40	WESV-LD	CHICAGO IL	123.8	LIC	BLDTL	-20101213AGJ
40	W40CN-D	SUGAR GROVE IL	189.7	LIC	BLDTA	-20110103ACG
40	WFWA	FORT WAYNE IN	100.6	LIC	BLEDT	-20041112ACP
40	WFWA	FORT WAYNE IN	100.6	CP	BPEDT	-20080617ADU
40	WKAR-TV	EAST LANSING MI	189.5	LIC	BLEDT	-20110817ACE
41	WOCH-CA	CHICAGO IL	123.3	LIC	BLTTA	-20060103ACT
41	WOCH-CA	CHICAGO IL	123.3	APP	BPTTA	-20050127ALO
43	DWAJN-LP	BROOKSTON IN	119.3	LIC	BLTTL	-20050422AEH

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Analysis of Interference to Affected Station 1

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
24	WHVI-LP	VALPARAISO IN	BLTTL	-19921102JE

Stations Potentially Affecting This Station

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

Channel	Call	City/State	Application	Ref. No.
25	WCWW-LP	SOUTH BEND IN	BLTTL	-20021010AAP

Stations Potentially Affecting This Station

Proposal causes no interference

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Analysis of Interference to Affected Station 3

Analysis of current record

# OET-69 Interference Analysis (WBND-LD, South Bend, IN, Ch. 39)(Summary Results)

Channel Call City/State Application Ref. No.  
 25 WOGC-CA HOLLAND MI BLTTA -20020812ACT

Stations Potentially Affecting This Station

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.  
 36 WUHO-LP KALAMAZOO MI BLTTL -20060103ABT

Stations Potentially Affecting This Station

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.  
 38 WGOB-DT JOLIET IL BLCDDT -20100709AJT

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
38	WQAD-TV	MOLINE IL	238.2	LIC	BLCDDT -20031014AEO
38	WKMJ-TV	LOUISVILLE KY	421.0	LIC	BLEDT -20030410AAK
38	WSYM-TV	LANSING MI	252.7	LIC	BLCDDT -20061107ADX
38	WEAU-DR	EAU CLAIRE WI	409.1	APP	BPRM -20110513AES
38	WEAU-TV	EAU CLAIRE WI	409.1	CP	BPCDDT -20110816AAD
39	WAOE	PEORIA IL	213.9	LIC	BLCDDT -20070801EOU
39	WAOE	PEORIA IL	213.9	CP	BPCDDT -20080620AFR
39	WBND-LD	SOUTH IN	123.3	APP	USERRECORD-01

Total scenarios = 1

Result key: 1  
 Scenario 1 Affected station 5  
 Before Analysis

Results for: 38A IL JOLIET BLCDDT 20100709AJT LIC

	POPULATION	AREA (sq km)
HAAT 401.0 m, ATV ERP 600.0 kW		
within Noise Limited Contour	9390478	27701.1
not affected by terrain losses	9386174	27686.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	50808	511.7
lost to ATV IX only	50808	511.7
lost to all IX	50808	511.7

Potential Interfering Stations Included in above Scenario 1

38A IL MOLINE BLCDDT 20031014AEO LIC

After Analysis

Results for: 38A IL JOLIET BLCDDT 20100709AJT LIC

	POPULATION	AREA (sq km)
HAAT 401.0 m, ATV ERP 600.0 kW		
within Noise Limited Contour	9390478	27701.1
not affected by terrain losses	9386174	27686.1
lost to NTSC IX	0	0.0

OET-69 Interference Analysis (WBND-LD, South Bend, IN, Ch. 39)(Summary Results)

lost to additional IX by ATV	51160	513.7
lost to ATV IX only	51160	513.7
lost to all IX	51160	513.7

Potential Interfering Stations Included in above Scenario 1

38A IL MOLINE	BLCDT	20031014AEO	LIC
39A IN SOUTH	USERRECORD01		APP

Percent new IX = 0.0038%

Worst case new IX 0.0038% Scenario 1

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Analysis of Interference to Affected Station 6

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
38	W38EA-D	FORT WAYNE IN	BLDTL	-20090508ABX

Stations Potentially Affecting This Station

Proposal causes no interference

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Analysis of Interference to Affected Station 7

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
38	WSYM-TV	LANSING MI	BLCDT	-20061107ADX

Stations Potentially Affecting This Station

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.
38	WMKG-CA	MUSKEGON MI	BLTTL	-20040824AAW

Stations Potentially Affecting This Station

Proposed station is beyond the site to nearest cell evaluation distance

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Analysis of Interference to Affected Station 9

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
38	WLMO-LP	LIMA OH	BLTTL	-20050527BIT

Stations Potentially Affecting This Station

Proposed station is beyond the site to nearest cell evaluation distance

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OET-69 Interference Analysis (WBND-LD, South Bend, IN, Ch. 39)(Summary Results)

Analysis of Interference to Affected Station 10

Analysis of current record

Channel	Call	City/State	Application Ref. No.
39	W39BH	CHAMPAIGN IL	BLTTL -19920420IM

Stations Potentially Affecting This Station

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.
39	W39DA-D	CHANA IL	BNPDTL -20090825BOS

Stations Potentially Affecting This Station

Proposal causes no interference

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Analysis of Interference to Affected Station 12

Analysis of current record

Channel	Call	City/State	Application Ref. No.
39	WWME-LD	CHICAGO IL	BLDTL -20100804ABG

Stations Potentially Affecting This Station

Proposal causes no interference

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Analysis of Interference to Affected Station 13

Analysis of current record

Channel	Call	City/State	Application Ref. No.
39	WAOE	PEORIA IL	BLCDT -20070801EOU

Stations Potentially Affecting This Station

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.
39	WAOE	PEORIA IL	BPCDT -20080620AFR

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
38	WGBO-DT	JOLIET IL	213.9	LIC	BLCDT -20100709AJT
38	WQAD-TV	MOLINE IL	103.1	LIC	BLCDT -20031014AEO
39	KFPX-TV	NEWTON IA	333.3	LIC	BLCDT -20090612AHB
39	KFPX-TV	NEWTON IA	365.2	CP MOD	BMPCDT -20080620AMG
39	WAWV-TV	TERRE HAUTE IN	239.9	LIC	BLCDT -20090618AAW
39	KETC	ST. LOUIS MO	249.5	LIC	BLEDT -20090804ABV
39	WBND-LD	SOUTH IN	302.1	APP	USERRECORD-01

OET-69 Interference Analysis (WBND-LD, South Bend, IN, Ch. 39)(Summary Results)

Total scenarios = 1

Result key: 2  
 Scenario 1 Affected station 14  
 Before Analysis

Results for: 39A IL PEORIA BPCDT 20080620AFR CP  
 HAAT 212.0 m, ATV ERP 150.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	637330	16935.0
not affected by terrain losses	637158	16913.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	10545	253.8
lost to ATV IX only	10545	253.8
lost to all IX	10545	253.8

Potential Interfering Stations Included in above Scenario 1

38A IL MOLINE BLCDT 20031014AEO LIC  
 39A IN TERRE HAUTE BLCDT 20090618AAW LIC

After Analysis

Results for: 39A IL PEORIA BPCDT 20080620AFR CP  
 HAAT 212.0 m, ATV ERP 150.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	637330	16935.0
not affected by terrain losses	637158	16913.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	10545	253.8
lost to ATV IX only	10545	253.8
lost to all IX	10545	253.8

Potential Interfering Stations Included in above Scenario 1

38A IL MOLINE BLCDT 20031014AEO LIC  
 39A IN TERRE HAUTE BLCDT 20090618AAW LIC  
 39A IN SOUTH 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 15

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
39	W39DN-D	FORT WAYNE IN	BNPDTL	-20090825BSA

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
38	W38EA-D	FORT WAYNE IN	13.8	LIC	BLDTL	-20090508ABX
39	WWME-LD	CHICAGO IL	234.4	LIC	BLDTL	-20100804ABG
39	WAOE	PEORIA IL	379.6	LIC	BLCDT	-20070801EOU
39	WAOE	PEORIA IL	379.6	CP	BPCDT	-20080620AFR
39	WKOI-TV	RICHMOND IN	171.9	CP	BPCDT	-20080618ATM
39	WKOI-TV	RICHMOND IN	171.9	LIC	BLCDT	-20050920ABV
39	WAWV-TV	TERRE HAUTE IN	279.8	LIC	BLCDT	-20090618AAW
39	W39DM-D	WOLCOTT IN	169.4	CP	BNPDTL	-20100112ADZ
39	WLEX-TV	LEXINGTON KY	337.2	LIC	BLCDT	-20050728AOX
39	WLEX-TV	LEXINGTON KY	337.2	CP MOD	BMPCDT	-20050728AOP
39	WADL	MOUNT CLEMENS MI	247.9	LIC	BLCDT	-20020507AAO
40	WFWA	FORT WAYNE IN	13.8	LIC	BLEDT	-20041112ACP
40	WFWA	FORT WAYNE IN	13.8	CP	BPEDT	-20080617ADU
39	WBND-LD	SOUTH IN	114.4	APP	USERRECORD-01	

Total scenarios = 2

OET-69 Interference Analysis (WBND-LD, South Bend, IN, Ch. 39)(Summary Results)

Result key: 3  
 Scenario 1 Affected station 15  
 Before Analysis

Results for: 39A IN FORT WAYNE BNPDTL 20090825BSA CP  
 HAAT 115.0 m, ATV ERP 15.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	498184	5878.2
not affected by terrain losses	498184	5878.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	54621	1139.0
lost to ATV IX only	54621	1139.0
lost to all IX	54621	1139.0

Potential Interfering Stations Included in above Scenario 1

38A IN FORT WAYNE	BLDTL	20090508ABX	LIC
40A IN FORT WAYNE	BLEDT	20041112ACP	LIC

After Analysis

Results for: 39A IN FORT WAYNE BNPDTL 20090825BSA CP  
 HAAT 115.0 m, ATV ERP 15.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	498184	5878.2
not affected by terrain losses	498184	5878.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	54621	1139.0
lost to ATV IX only	54621	1139.0
lost to all IX	54621	1139.0

Potential Interfering Stations Included in above Scenario 1

38A IN FORT WAYNE	BLDTL	20090508ABX	LIC
40A IN FORT WAYNE	BLEDT	20041112ACP	LIC
39A IN SOUTH	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 16

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
39	WKOI-TV	RICHMOND IN	BPCDT	-20080618ATM

Stations Potentially Affecting This Station

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.
39	WKOI-TV	RICHMOND IN	BLCDT	-20050920ABV

Stations Potentially Affecting This Station

Proposal causes no interference

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Analysis of Interference to Affected Station 18

OET-69 Interference Analysis (WBND-LD, South Bend, IN, Ch. 39)(Summary Results)

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
39	WAVV-TV	TERRE HAUTE IN	BLCDDT	-20090618AAW

Stations Potentially Affecting This Station

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.
39	W39DM-D	WOLCOTT IN	BNPDDL	-20100112ADZ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
39	W39BH	CHAMPAIGN IL	123.9	LIC	BLTTL	-19920420IM
39	WWME-LD	CHICAGO IL	133.0	LIC	BLDTL	-20100804ABG
39	WAOE	PEORIA IL	210.9	LIC	BLCDDT	-20070801EOU
39	WAOE	PEORIA IL	210.9	CP	BPCDDT	-20080620AFR
39	W39DN-D	FORT WAYNE IN	169.4	CP	BNPDDL	-20090825BSA
39	WKOI-TV	RICHMOND IN	248.0	CP	BPCDDT	-20080618ATM
39	WKOI-TV	RICHMOND IN	248.0	LIC	BLCDDT	-20050920ABV
39	WAVV-TV	TERRE HAUTE IN	171.7	LIC	BLCDDT	-20090618AAW
39	WLEX-TV	LEXINGTON KY	379.8	LIC	BLCDDT	-20050728AOX
39	WLEX-TV	LEXINGTON KY	379.8	CP MOD	BMPCDDT	-20050728AOP
39	KETC	ST. LOUIS MO	382.7	LIC	BLEDDT	-20090804ABV
39	WBND-LD	SOUTH IN	119.0	APP	USERRECORD-01	

Total scenarios = 1

Result key: 5  
 Scenario 1 Affected station 19  
 Before Analysis

Results for: 39A IN WOLCOTT BNPDDL 20100112ADZ CP

HAAT	98.0 m, ATV ERP	10.0 kW	
			POPULATION AREA (sq km)
	within Noise Limited Contour		104287 4859.4
	not affected by terrain losses		104287 4859.4
	lost to NTSC IX		0 0.0
	lost to additional IX by ATV		450 5.0
	lost to ATV IX only		450 5.0
	lost to all IX		450 5.0

Potential Interfering Stations Included in above Scenario 1

39A IN TERRE HAUTE BLCDDT 20090618AAW LIC

After Analysis

Results for: 39A IN WOLCOTT BNPDDL 20100112ADZ CP

HAAT	98.0 m, ATV ERP	10.0 kW	
			POPULATION AREA (sq km)
	within Noise Limited Contour		104287 4859.4
	not affected by terrain losses		104287 4859.4
	lost to NTSC IX		0 0.0
	lost to additional IX by ATV		703 46.7
	lost to ATV IX only		703 46.7
	lost to all IX		703 46.7

Potential Interfering Stations Included in above Scenario 1

39A IN TERRE HAUTE BLCDDT 20090618AAW LIC  
 39A IN SOUTH USERRECORD01 APP

OET-69 Interference Analysis (WBND-LD, South Bend, IN, Ch. 39)(Summary Results)

Percent new IX = 0.2437%

Worst case new IX 0.2437% Scenario 1

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Analysis of Interference to Affected Station 20

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
39	NEW	GAYLORD MI	BNPDTL	-20100223ADG

Stations Potentially Affecting This Station

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.
39	WADL	MOUNT CLEMENS MI	BLCDT	-20020507AAO

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
38	WSYM-TV	LANSING MI	144.9	LIC	BLCDT	-20061107ADX
39	WKOI-TV	RICHMOND IN	368.5	CP	BPCDT	-20080618ATM
39	WKOI-TV	RICHMOND IN	368.5	LIC	BLCDT	-20050920ABV
39	WIVB-TV	BUFFALO NY	348.8	LIC	BLCDT	-20020619ABE
40	WKAR-TV	EAST LANSING MI	125.9	LIC	BLEDT	-20110817ACE
39	WBND-LD	SOUTH IN	291.3	APP	USERRECORD-01	

Total scenarios = 1

Result key: 6  
 Scenario 1 Affected station 21  
 Before Analysis

Results for: 39A MI MOUNT CLEMENS BLCDT 20020507AAO LIC  
 HAAT 170.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	4758420	16810.6
not affected by terrain losses	4750560	16761.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	3455	28.7
lost to ATV IX only	3455	28.7
lost to all IX	3455	28.7

Potential Interfering Stations Included in above Scenario 1

40A MI EAST LANSING BLEDT 20110817ACE LIC

After Analysis

Results for: 39A MI MOUNT CLEMENS BLCDT 20020507AAO LIC  
 HAAT 170.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	4758420	16810.6
not affected by terrain losses	4750560	16761.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	4248	30.7
lost to ATV IX only	4248	30.7
lost to all IX	4248	30.7

Potential Interfering Stations Included in above Scenario 1

OET-69 Interference Analysis (WBND-LD, South Bend, IN, Ch. 39)(Summary Results)

40A MI EAST LANSING            BLEDT        20110817ACE    LIC  
39A IN SOUTH                    USERRECORD01        APP

Percent new IX =        0.0167%

Worst case new IX        0.0167% Scenario        1

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Analysis of Interference to Affected Station 22

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
39	NEW	TRAVERSE CITY MI	BNPDTT	-20090825BUC

Stations Potentially Affecting This Station

Proposed station is beyond the site to  
nearest cell evaluation distance

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Analysis of Interference to Affected Station 23

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
39	WOCB-CD	MARION OH	BLDTA	-20111205AAD

Stations Potentially Affecting This Station

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.
39	WFRV-TV	GREEN BAY WI	BLCDT	-20051004ABD

Stations Potentially Affecting This Station

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.
40	WESV-LD	CHICAGO IL	BPDTL	-20111114ABK

Stations Potentially Affecting This Station

Proposal causes no interference

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Analysis of Interference to Affected Station 26

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
40	WESV-LD	CHICAGO IL	BLDTL	-20101213AGJ

# OET-69 Interference Analysis (WBND-LD, South Bend, IN, Ch. 39)(Summary Results)

Stations Potentially Affecting This Station

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.
40	W40CN-D	SUGAR GROVE IL	BLDTA	-20110103ACG

Stations Potentially Affecting This Station

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.
40	WFWA	FORT WAYNE IN	BLEDT	-20041112ACP

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
39	WKOI-TV	RICHMOND IN	183.0	CP	BPCDT	-20080618ATM
39	WKOI-TV	RICHMOND IN	183.0	LIC	BLCDDT	-20050920ABV
40	WTVQ-DT	LEXINGTON KY	347.9	LIC	BLCDDT	-20090519ACB
40	WKAR-TV	EAST LANSING MI	188.9	LIC	BLEDT	-20110817ACE
40	WHIZ-TV	ZANESVILLE OH	300.7	LIC	BLCDDT	-20080222AAV
40	WPXE-TV	KENOSHA WI	314.8	LIC	BLCDDT	-20040206AAT
41	WXYZ-TV	DETROIT MI	221.3	LIC	BLCDDT	-20081222AAS
41	WHIO-TV	DAYTON OH	171.9	LIC	BLCDDT	-20040614AEY
41	WHIO-TV	DAYTON OH	171.9	CP	BPCDT	-20080619ACK
39	WBND-LD	SOUTH IN	100.6	APP	USERRECORD-01	

Total scenarios = 1

Result key: 7  
 Scenario 1 Affected station 28  
 Before Analysis

Results for: 40A IN FORT WAYNE BLEDT 20041112ACP LIC  
 HAAT 221.0 m, ATV ERP 90.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	836818	16006.9
not affected by terrain losses	836682	16004.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	3636	80.1
lost to ATV IX only	3636	80.1
lost to all IX	3636	80.1

Potential Interfering Stations Included in above Scenario 1

40A MI EAST LANSING BLEDT 20110817ACE LIC

After Analysis

Results for: 40A IN FORT WAYNE BLEDT 20041112ACP LIC  
 HAAT 221.0 m, ATV ERP 90.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	836818	16006.9
not affected by terrain losses	836682	16004.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	3636	80.1
lost to ATV IX only	3636	80.1

OET-69 Interference Analysis (WBND-LD, South Bend, IN, Ch. 39)(Summary Results)

lost to all IX 3636 80.1

Potential Interfering Stations Included in above Scenario 1

40A MI EAST LANSING BLEDT 20110817ACE LIC  
 39A IN SOUTH 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.
40	WFWA	FORT WAYNE IN	BPEDT	-20080617ADU

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
39	WKOI-TV	RICHMOND IN	183.0	CP	BPCDT	-20080618ATM
39	WKOI-TV	RICHMOND IN	183.0	LIC	BLCDDT	-20050920ABV
40	WTVQ-DT	LEXINGTON KY	347.9	LIC	BLCDDT	-20090519ACB
40	WKAR-TV	EAST LANSING MI	188.9	LIC	BLEDT	-20110817ACE
40	WHIZ-TV	ZANESVILLE OH	300.7	LIC	BLCDDT	-20080222AAV
40	WPXE-TV	KENOSHA WI	314.8	LIC	BLCDDT	-20040206AAT
41	WXYZ-TV	DETROIT MI	221.3	LIC	BLCDDT	-20081222AAS
41	WHIO-TV	DAYTON OH	171.9	LIC	BLCDDT	-20040614AEY
41	WHIO-TV	DAYTON OH	171.9	CP	BPCDT	-20080619ACK
39	WBND-LD	SOUTH IN	100.6	APP	USERRECORD-01	

Total scenarios = 1

Result key: 8

Scenario 1 Affected station 29

Before Analysis

Results for: 40A IN FORT WAYNE BPEDT 20080617ADU CP

HAAT	221.0 m, ATV ERP	153.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour			906922	17277.2
not affected by terrain losses			906789	17274.2
lost to NTSC IX			0	0.0
lost to additional IX by ATV			6217	126.5
lost to ATV IX only			6217	126.5
lost to all IX			6217	126.5

Potential Interfering Stations Included in above Scenario 1

40A MI EAST LANSING BLEDT 20110817ACE LIC

After Analysis

Results for: 40A IN FORT WAYNE BPEDT 20080617ADU CP

HAAT	221.0 m, ATV ERP	153.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour			906922	17277.2
not affected by terrain losses			906789	17274.2
lost to NTSC IX			0	0.0
lost to additional IX by ATV			6217	126.5
lost to ATV IX only			6217	126.5
lost to all IX			6217	126.5

Potential Interfering Stations Included in above Scenario 1

40A MI EAST LANSING BLEDT 20110817ACE LIC  
 39A IN SOUTH USERRECORD01 APP

Percent new IX = 0.0000%

OET-69 Interference Analysis (WBND-LD, South Bend, IN, Ch. 39)(Summary Results)

Worst case new IX 0.0000% Scenario 1

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Analysis of Interference to Affected Station 30

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
40	WKAR-TV	EAST LANSING MI	BLEDT	-20110817ACE

Stations Potentially Affecting This Station

Proposal causes no interference

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Analysis of Interference to Affected Station 31

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
41	WOCH-CA	CHICAGO IL	BLTTA	-20060103ACT

Stations Potentially Affecting This Station

Proposed station is beyond the site to nearest cell evaluation distance

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Analysis of Interference to Affected Station 32

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
41	WOCH-CA	CHICAGO IL	BPTTA	-20050127ALO

Stations Potentially Affecting This Station

Proposed station is beyond the site to nearest cell evaluation distance

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Analysis of Interference to Affected Station 33

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
43	DWAJN-LP	BROOKSTON IN	BLTTL	-20050422AEH

Stations Potentially Affecting This Station

Proposed station is beyond the site to nearest cell evaluation distance

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