

OET-69 Interference Analysis , WWME-LD, Chicago, IL, Ch. 39 (summary of results)

Census data selected: 2000

Post DTV Transition Database Selected

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 11-06-2009

Record Selected for Analysis

WWMELD USERRECORD-01 CHICAGO IL US
Channel 39 ERP 15. kW HAAT 443. m RCAMSL 00623 m STRINGENT MASK
Latitude 041-52-44 Longitude 0087-38-10
Status APP Zone 1 Border
Dir Antenna Make CDB Model 00000000089107 Beam tilt N Ref Azimuth 260.
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	7.018	445.6	58.0
45.0	0.853	447.0	45.2
90.0	0.773	447.0	44.6
135.0	3.004	447.0	52.8
180.0	11.432	442.3	60.8
225.0	13.824	440.5	61.9
270.0	12.367	437.4	61.1
315.0	14.702	438.5	62.2

Contour Overlap to Proposed Station

Station
W40BY 40 PALATINE IL BLTT20060419ACR

Station inside contour of Digital LPTV station
WWMELD 39 CHICAGO IL USERRECORD01

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 = 369.7km

Proposed facility is beyond the Mexican coordination distance

Proposed station is OK toward AM broadcast stations

Start of Interference Analysis

Channel	Proposed Station Call	City/State	ARN
39	WWMELD	CHICAGO IL	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
24	WPVN-CA	AURORA IL	74.2	CP	BPTTA	-20090817ABN
24	WPVN-CA	AURORA IL	74.2	LIC	BLTTL	-19990716JA
24	WHVI-LP	VALPARAISO IN	64.4	LIC	BLTTL	-19921102JE

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24	WMLW-CA	MILWAUKEE WI	139.1	CP	BDISTTA	-20081230ACP
25	W25DW	ARBURY HILLS IL	1.4	LIC	BLTTTL	-20080609ABO
25	WMKB-LP	ROCHELLE IL	130.2	APP	BSTA	-20070627ABX
25	WMKB-LP	ROCHELLE IL	130.2	LIC	BLTTTL	-20070813AFM
25	W25CL	ROCKFORD IL	125.9	LIC	BLTT	-20020307ABP
25	WCWW-LP	SOUTH BEND IN	123.8	LIC	BLTTTL	-20021010AAP
38	WGBO-DT	JOLIET IL	2.5	CP MOD	BMPCDT	-20080618AEI
38	W25CL	ROCKFORD IL	125.9	CP	BDISDTT	-20060330ABA
38	WMKG-CA	MUSKEGON MI	195.0	LIC	BLTTTL	-20040824AAW
38	W38CT	MADISON WI	199.6	LIC	BLTT	-20021203ACA
38	WBWT-LP	MILWAUKEE WI	137.1	LIC	BLTTTL	-20070223AGI
39	W39BH	CHAMPAIGN IL	203.0	LIC	BLTTTL	-19920420IM
39	NEW	CHANA IL	130.2	APP	BNPDTL	-20090825BOS
39	WAOE	PEORIA IL	211.7	CP	BPCDT	-20080620AFR
39	NEW	FORT WAYNE IN	234.4	APP	BNPDTL	-20090825BSA
39	NEW	MONTICELLO IN	143.4	APP	BNPDTL	-20090825ADJ
39	WKOI-TV	RICHMOND IN	364.8	LIC	BLCDT	-20050920ABV
39	WKOI-TV	RICHMOND IN	364.8	CP	BPCDT	-20080618ATM
39	WFXW	TERRE HAUTE IN	293.8	CP MOD	BMPCDT	-20070125ACT
39	WADL	MOUNT CLEMENS MI	398.0	LIC	BLCDT	-20020507AAO
39	NEW	TRAVERSE CITY MI	357.1	APP	BNPDTT	-20090825BUC
39	WOCB-CD	MARION OH	402.0	LIC	BLDTA	-20090505AAK
39	WOCB-CD	MARION OH	401.7	LIC	BLTTA	-20031212AAO
39	WFRV-TV	GREEN BAY WI	274.3	LIC	BLCDT	-20051004ABD
40	W40BY	PALATINE IL	0.0	LIC	BLTT	-20060419ACR
40	NEW	ROCKFORD IL	125.8	APP	BNPDTL	-20091019ABX
40	W40CN	SUGAR GROVE IL	68.7	CP	BPTTL	-20070301ABR
40	W40CN	SUGAR GROVE IL	68.7	CP	BPTTL	-20041202ACN
40	WHCH-LD	CHESTERTON IN	64.4	LIC	BLDTL	-20070822AAF
40	WPXE-TV	KENOSHA WI	137.0	LIC	BLCDT	-20040206AAT
41	WOCH-CA	CHICAGO IL	2.5	APP	BPTTA	-20050127ALO
41	WOCH-CA	CHICAGO IL	2.5	LIC	BLTTA	-20060103ACT
41	WMLW-CA	MILWAUKEE WI	139.1	STA	BSTA	-20000714AAU
41	WMLW-CA	MILWAUKEE WI	139.1	LIC	BLTTA	-20021002AAA
42	W64CQ	ARLINGTON HEIGHTS IL	40.5	APP	BPTT	-20030723ACP
42	W64CQ	ARLINGTON HEIGHTS IL	40.5	CP	BDISTT	-20070709ACL
43	WAJN-LP	BROOKSTON IN	134.0	LIC	BLTTTL	-20050422AEH
46	WBKM-LP	CHANA IL	130.2	LIC	BLTTTL	-20050228ACV
47	WTAS-LP	WAUKESHA WI	129.3	LIC	BLTTTL	-20071001ACM

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Analysis of Interference to Affected Station 1

Analysis of current record

Channel	Call	City/State	Application Ref. No.
24	WPVN-CA	AURORA IL	BPTTA -20090817ABN

Stations Potentially Affecting This Station

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.
24	WPVN-CA	AURORA IL	BLTTTL -19990716JA

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 3

Analysis of current record

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

Stations Potentially Affecting This Station

Proposal causes no interference

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OET-69 Interference Analysis , WWME-LD, Chicago, IL, Ch. 39 (summary of results)

Analysis of Interference to Affected Station 4

Analysis of current record

Channel	Call	City/State	Application Ref. No.
24	WMLW-CA	MILWAUKEE WI	BDISTA -20081230ACP

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.
25	W25DW	ARBURY HILLS IL	BLTTL -20080609ABO

Stations Potentially Affecting This Station

Proposal causes no interference

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Analysis of Interference to Affected Station 6

Analysis of current record

Channel	Call	City/State	Application Ref. No.
25	WMKB-LP	ROCHELLE IL	BSTA -20070627ABX

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 7

Analysis of current record

Channel	Call	City/State	Application Ref. No.
25	WMKB-LP	ROCHELLE IL	BLTTL -20070813AFM

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 8

Analysis of current record

Channel	Call	City/State	Application Ref. No.
25	W25CL	ROCKFORD IL	BLTT -20020307ABP

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.
25	WCWW-LP	SOUTH BEND IN	BLTTL -20021010AAP

Stations Potentially Affecting This Station

OET-69 Interference Analysis , WWME-LD, Chicago, IL, Ch. 39 (summary of results)

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 10

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
38	WGBO-DT	JOLIET IL	BMPCDT	-20080618AEI

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	WQAD-TV	MOLINE IL	238.2	PLN	DTVPLN	-DTVP1360
38	WKMJ-TV	LOUISVILLE KY	421.0	LIC	BLEDT	-20030410AAK
38	WKMJ-TV	LOUISVILLE KY	421.0	PLN	DTVPLN	-DTVP1361
38	WSYM-TV	LANSING MI	252.7	CP MOD	BMPCDT	-20060602ABQ
38	WSYM-TV	LANSING MI	252.7	PLN	DTVPLN	-DTVP1365
39	WAOE	PEORIA IL	213.9	CP	BPCDDT	-20080620AFR
39	WAOE	PEORIA IL	212.7	PLN	DTVPLN	-DTVP1397
39	WWME-LD	CHICAGO IL	2.5	APP	USERRECORD-01	

Total scenarios = 2

Result key: 1

Scenario 1 Affected station 10 WGBO-DT
Before Analysis

Results for: 38A IL JOLIET BMPCDT 20080618AEI CP

HAAT 401.0 m, ATV ERP 600.0 kW	POPULATION	AREA (sq km)
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
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After Analysis

Results for: 38A IL JOLIET BMPCDT 20080618AEI CP

HAAT 401.0 m, ATV ERP 600.0 kW	POPULATION	AREA (sq km)
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	56250	529.6
lost to ATV IX only	56250	529.6
lost to all IX	56250	529.6

Potential Interfering Stations Included in above Scenario 1

38A IL MOLINE	BLCDDT	20031014AEO	LIC
39A IL CHICAGO	USERRECORD01		APP

Percent new IX = 0.0583%

Worst case new IX 0.0583% Scenario 1

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Analysis of Interference to Affected Station 11

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
38	W25CL	ROCKFORD IL	BDISDTT	-20060330ABA

Stations Potentially Affecting This Station

Proposal causes no interference

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OET-69 Interference Analysis , WWME-LD, Chicago, IL, Ch. 39 (summary of results)

Analysis of Interference to Affected Station 12

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 13

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
38	W38CT	MADISON WI	BLTT	-20021203ACA

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 14

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
38	WBWT-LP	MILWAUKEE WI	BLTTL	-20070223AGI

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 15

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 16

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
39	NEW	CHANA IL	BNPDTL	-20090825BOS

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
38	K41AD	LANSING IA	223.2	CP	BDISDTT	-20090528AEA
38	WGBO-DT	JOLIET IL	131.1	CP MOD	BMPCDT	-20080618AEI
38	WGBO-TV	JOLIET IL	131.1	PLN	DTVPLN	-DTVP1359
38	WQAD-TV	MOLINE IL	123.8	LIC	BLCDT	-20031014AEO
38	WQAD-TV	MOLINE IL	123.8	PLN	DTVPLN	-DTVP1360
38	W25CL	ROCKFORD IL	32.1	CP	BDISDTT	-20060330ABA
39	KFPX-TV	NEWTON IA	365.4	CP MOD	BMPCDT	-20080620AMG
39	KFPX	NEWTON IA	331.9	PLN	DTVPLN	-DTVP1394
39	WAOE	PEORIA IL	154.6	CP	BPCDT	-20080620AFR
39	WAOE	PEORIA IL	153.1	PLN	DTVPLN	-DTVP1397
39	NEW	FORT WAYNE IN	361.0	APP	BNPDTL	-20090825BSA
39	NEW	MONTICELLO IN	244.2	APP	BNPDTL	-20090825ADJ
39	WFXW	TERRE HAUTE IN	342.1	CP MOD	BMPCDT	-20070125ACT

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39	WFXW	TERRE HAUTE IN	342.1	PLN	DTVPLN	-DTVP1399
39	NEW	TRAVERSE CITY MI	418.6	APP	BNPDTT	-20090825BUC
39	WFRV-TV	GREEN BAY WI	278.0	LIC	BLCDDT	-20051004ABD
39	WFRV-TV	GREEN BAY WI	278.0	PLN	DTVPLN	-DTVP1417
40	NEW	ROCKFORD IL	5.7	APP	BNPDTL	-20091019ABX
40	W40CN	SUGAR GROVE IL	65.5	CP	BPTTL	-20070301ABR
40	WHCH-LD	CHESTERTON IN	188.1	LIC	BLDDL	-20070822AAF
39	WWME-LD	CHICAGO IL	130.2	APP	USERRECORD-01	

Total scenarios = 2

Result key: 4
 Scenario 2 Affected station 16 NEW
 Before Analysis

Results for: 39A IL CHANA BNPDTL 20090825BOS APP

HAAT 1.0 m, ATV ERP 15.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	522256	7979.2
not affected by terrain losses	522256	7979.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	144676	544.6
lost to ATV IX only	144676	544.6
lost to all IX	144676	544.6

Potential Interfering Stations Included in above Scenario 2

38A IL ROCKFORD	BDISDTT	20060330ABA	CP
39A IL PEORIA	DTVPLN	DTVP1397	PLN
40A IL SUGAR GROVE	BPTTL	20070301ABR	CP

After Analysis

Results for: 39A IL CHANA BNPDTL 20090825BOS APP

HAAT 1.0 m, ATV ERP 15.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	522256	7979.2
not affected by terrain losses	522256	7979.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	145933	674.3
lost to ATV IX only	145933	674.3
lost to all IX	145933	674.3

Potential Interfering Stations Included in above Scenario 2

38A IL ROCKFORD	BDISDTT	20060330ABA	CP
39A IL PEORIA	DTVPLN	DTVP1397	PLN
40A IL SUGAR GROVE	BPTTL	20070301ABR	CP
39A IL CHICAGO	USERRECORD01		APP

Percent new IX = 0.3329%

Worst case new IX 0.3329% Scenario 2

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Analysis of Interference to Affected Station 17

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	CP MOD	BMPCDT -20080618AEI
38	WGBO-TV	JOLIET IL	213.9	PLN	DTVPLN -DTVP1359
38	WQAD-TV	MOLINE IL	103.1	LIC	BLCDDT -20031014AEO
38	WQAD-TV	MOLINE IL	103.1	PLN	DTVPLN -DTVP1360
39	KFPX-TV	NEWTON IA	365.2	CP MOD	BMPCDT -20080620AMG
39	KFPX	NEWTON IA	333.3	PLN	DTVPLN -DTVP1394
39	WFXW	TERRE HAUTE IN	239.9	CP MOD	BMPCDT -20070125ACT
39	WFXW	TERRE HAUTE IN	239.9	PLN	DTVPLN -DTVP1399
39	KETC	ST. LOUIS MO	249.5	PLN	DTVPLN -DTVP1404
39	KETC	ST. LOUIS MO	249.5	LIC	BLEDT -20020816AAQ
39	KETC	ST. LOUIS MO	249.5	CP MOD	BMPEDT -20080617AEP
39	WWME-LD	CHICAGO IL	211.7	APP	USERRECORD-01

Total scenarios = 4

Result key: 5

OET-69 Interference Analysis , WWME-LD, Chicago, IL, Ch. 39 (summary of results)

Scenario 1 Affected station 17 WAOE
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	10688	266.7
lost to ATV IX only	10688	266.7
lost to all IX	10688	266.7

Potential Interfering Stations Included in above Scenario 1

38A IL MOLINE	BLCDT	20031014AEO	LIC
39A IN TERRE HAUTE	BMPCDT	20070125ACT	CP
39A MO ST. LOUIS	DTVPLN	DTVP1404	PLN

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	10688	266.7
lost to ATV IX only	10688	266.7
lost to all IX	10688	266.7

Potential Interfering Stations Included in above Scenario 1

38A IL MOLINE	BLCDT	20031014AEO	LIC
39A IN TERRE HAUTE	BMPCDT	20070125ACT	CP
39A MO ST. LOUIS	DTVPLN	DTVP1404	PLN
39A IL CHICAGO	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 18

Analysis of current record

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

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	NEW	MONTICELLO IN	BNPDTL -20090825ADJ

Stations Potentially Affecting This Station

Proposal causes no interference

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Analysis of Interference to Affected Station 20

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

OET-69 Interference Analysis , WWME-LD, Chicago, IL, Ch. 39 (summary of results)

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Analysis of Interference to Affected Station 21

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 22

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
39	WFXW	TERRE HAUTE IN	BMPCDT	-20070125ACT

Stations Potentially Affecting This Station

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.
39	WADL	MOUNT CLEMENS MI	BLCDT	-20020507AAO

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 24

Analysis of current record

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

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.
39	WOGB-CD	MARION OH	BLDTA	-20090505AAK

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 26

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
39	WOGB-CD	MARION OH	BLTTA	-20031212AAO

Stations Potentially Affecting This Station

OET-69 Interference Analysis , WWME-LD, Chicago, IL, Ch. 39 (summary of results)

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

Stations Potentially Affecting This Station

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 -DTVPL1453
39	WWME-LD	CHICAGO IL	274.3	APP	USERRECORD-01

Total scenarios = 2

Result key: 9
Scenario 1 Affected station 27 WFRV-TV
Before Analysis

Results for: 39A WI GREEN BAY BLCDT 20051004ABD LIC

HAAT 364.0 m, ATV ERP 1000.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	1131463	31170.6
not affected by terrain losses	1130763	31116.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	14893	406.4
lost to ATV IX only	14893	406.4
lost to all IX	14893	406.4

Potential Interfering Stations Included in above Scenario 1

40A WI KENOSHA BLCDT 20040206AAT LIC

After Analysis

Results for: 39A WI GREEN BAY BLCDT 20051004ABD LIC

HAAT 364.0 m, ATV ERP 1000.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	1131463	31170.6
not affected by terrain losses	1130763	31116.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	14893	408.3
lost to ATV IX only	14893	408.3
lost to all IX	14893	408.3

Potential Interfering Stations Included in above Scenario 1

40A WI KENOSHA	BLCDT	20040206AAT	LIC
39A IL CHICAGO	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 28

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	136.3	PLN	DTVPLN -DTVPL1234
33	WITI	MILWAUKEE WI	136.4	CP MOD	BMPCDT -20081204ADM
36	WJYS	HAMMOND IN	0.0	CP	BPCDT -20080619AIZ
36	WJYS	HAMMOND IN	0.0	PLN	DTVPLN -DTVPL1323
36	WJYS	HAMMOND IN	0.0	LIC	BLCDT -20020801ABI
38	WGBO-DT	JOLIET IL	2.5	CP MOD	BMPCDT -20080618AEI
38	WGBO-TV	JOLIET IL	2.5	PLN	DTVPLN -DTVPL1359
39	NEW	CHANA IL	130.3	APP	BNPDTL -20090825BOS
39	WWME-LD	CHICAGO IL	0.0	LIC	BLDTL -20090105ACU

OET-69 Interference Analysis , WWME-LD, Chicago, IL, Ch. 39 (summary of results)

39	NEW	MONTICELLO IN	143.4	APP	BNPDTL	-20090825ADJ
40	NEW	JACKSONVILLE IL	322.3	APP	BNPDTT	-20090825BYB
40	NEW	ROCKFORD IL	125.9	APP	BNPDTL	-20091019ABX
40	W40CN	SUGAR GROVE IL	68.8	CP	BPTTL	-20070301ABR
40	W40CN	SUGAR GROVE IL	68.8	CP	BPTTL	-20041202ACN
40	WHCH-LD	CHESTERTON IN	64.3	LIC	BLDTL	-20070822AAF
40	WFWA	FORT WAYNE IN	221.0	APP	BPEDT	-20080617ADU
40	WFWA	FORT WAYNE IN	221.0	PLN	DTVPLN	-DTVP1430
40	WFWA	FORT WAYNE IN	221.0	LIC	BLEDT	-20041112ACP
40	WHAN-LD	SALEM IN	387.4	CP	BDCCDTL	-20061003AAP
40	NEW	CADILLAC MI	312.6	APP	BNPDTL	-20090825AAE
40	WLPC-LD	DETROIT MI	381.8	CP	BDCCDTL	-20061027ACH
40	WKAR-TV	EAST LANSING MI	280.3	CP MOD	BMPEDT	-20080620AIJ
40	WKAR-TV	EAST LANSING MI	280.2	PLN	DTVPLN	-DTVP1435
40	WWTW	TRAVERSE CITY MI	357.1	APP	BDRTCDT	-20090824AEH
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	-DTVP1453
41	WOCH-CA	CHICAGO IL	2.5	APP	BPTTA	-20050127ALO
41	WOCH-CA	CHICAGO IL	2.5	LIC	BLTTA	-20060103ACT
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	-DTVP1496
42	WNDU-TV	SOUTH BEND IN	121.8	CP	BPCDT	-20080619AAB
42	WNDU-TV	SOUTH BEND IN	121.8	PLN	DTVPLN	-DTVP1499
42	WNDU-TV	SOUTH BEND IN	121.9	LIC	BLCDT	-20060717AAG
43	WCPX-TV	CHICAGO IL	0.0	LIC	BLCDT	-20010226ABH
43	WCPX	CHICAGO IL	0.0	PLN	DTVPLN	-DTVP1534
43	WCPX-TV	CHICAGO IL	1.9	APP	BPCDT	-20080619AIL
44	WLS-TV	CHICAGO IL	0.0	PLN	DTVPLN	-DTVP1569
44	WLS-DR	CHICAGO IL	0.0	APP	BPRM	-20090724AEG
44	WLS-TV	CHICAGO IL	0.0	CP	BPCDT	-20091001ACI
47	WTTW	CHICAGO IL	0.0	LIC	BLEDT	-20020408ABK
47	WTTW	CHICAGO IL	0.0	PLN	DTVPLN	-DTVP1670
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	-DTVP1725
48	WBME-TV	RACINE WI	109.8	LIC	BMLCDT	-20070823AED
39	WWMELD	CHICAGO IL	0.0	APP	USERRECORD-01	

Total scenarios = 144

Result key: 11
 Scenario 1 Affected station 28 W40BY
 Before Analysis

Results for: 40N IL PALATINE	BLTT	20060419ACR	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2719794	1191.8	
not affected by terrain losses	2719794	1191.8	
lost to NTSC IX	217181	40.1	
lost to additional IX by ATV	147512	65.6	
lost to all IX	364693	105.7	

Potential Interfering Stations Included in above Scenario 1

40N IL SUGAR GROVE	BPTTL	20041202ACN	CP
41N IL CHICAGO	BLTTA	20060103ACT	LIC
36A IN HAMMOND	BPCDT	20080619AIZ	CP
38A IL JOLIET	BMPCDT	20080618AEI	CP
40A IL SUGAR GROVE	BPTTL	20070301ABR	CP
40A WI KENOSHA	BLCDT	20040206AAT	LIC
43A IL CHICAGO	BLCDT	20010226ABH	LIC
44A IL CHICAGO	DTVPLN	DTVVP1569	PLN
47A IL CHICAGO	BLEDT	20020408ABK	LIC

After Analysis

Results for: 40N IL PALATINE	BLTT	20060419ACR	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2719794	1191.8	
not affected by terrain losses	2719794	1191.8	
lost to NTSC IX	217181	40.1	
lost to additional IX by ATV	1142797	368.9	
lost to all IX	1359978	409.0	

Potential Interfering Stations Included in above Scenario 1

40N IL SUGAR GROVE	BPTTL	20041202ACN	CP
41N IL CHICAGO	BLTTA	20060103ACT	LIC
36A IN HAMMOND	BPCDT	20080619AIZ	CP
38A IL JOLIET	BMPCDT	20080618AEI	CP
40A IL SUGAR GROVE	BPTTL	20070301ABR	CP

OET-69 Interference Analysis , WWME-LD, Chicago, IL, Ch. 39 (summary of results)

40A WI KENOSHA	BLCDT	20040206AAT	LIC
43A IL CHICAGO	BLCDT	20010226ABH	LIC
44A IL CHICAGO	DTVPLN	DTVP1569	PLN
47A IL CHICAGO	BLEDT	20020408ABK	LIC
39A IL CHICAGO	USERRECORD01		APP

The following station failed the de minimis interference criteria.

39D IL CHICAGO USERRECORD01
ERP 15.00 kW HAAT 443.0 m RCAMSL 623.0 m
Antenna CDB 00000000089107

Due to interference to the following station and scenario: 1

40N IL PALATINE BLTT 20060419ACR
ERP 37.20 kW HAAT 457.0 m RCAMSL 636.0 m
Antenna CDB 00000000020067

Percent new DTV interference without proposal:	13.4	BLTT	20060419ACR
Percent new DTV interference with proposal:	50.0	BLTT	20060419ACR

Worst case new IX 36.5941% 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	NEW	ROCKFORD IL	BNPDTL -20091019ABX

Stations Potentially Affecting This Station

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	W40CN	SUGAR GROVE IL	BPTTL -20070301ABR

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.
40	W40CN	SUGAR GROVE IL	BPTTL -20041202ACN

Stations Potentially Affecting This Station

Proposal causes no interference

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Analysis of Interference to Affected Station 32

Analysis of current record

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

Stations Potentially Affecting This Station

Proposal causes no interference

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Analysis of Interference to Affected Station 33

Analysis of current record

OET-69 Interference Analysis , WWME-LD, Chicago, IL, Ch. 39 (summary of results)

Channel 40 Call WPXE-TV City/State KENOSHA WI Application Ref. No. BLCDT -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	BLCDT -20051004ABD
39	WFRV-TV	GREEN BAY WI	137.8	PLN	DTVPLN -DTVP1417
40	WFWA	FORT WAYNE IN	314.8	APP	BPEDT -20080617ADU
40	WFWA	FORT WAYNE IN	314.8	PLN	DTVPLN -DTVP1430
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 -DTVP1435
41	WIFR	FREEPORT IL	136.3	CP MOD	BMPCDT -20050103AFQ
41	WIFR	FREEPORT IL	136.3	PLN	DTVPLN -DTVP1466
41	WIFR-DR	FREEPORT IL	136.3	APP	BPRM -20080620AOH
41	WIFR	FREEPORT IL	136.3	LIC	BLCDT -20041012AIQ
41	WIFR	FREEPORT IL	136.3	CP MOD	BMPCDT -20081110ADQ
41	WGBA	GREEN BAY WI	140.5	PLN	DTVPLN -DTVP1484
41	WGBA-TV	GREEN BAY WI	140.5	APP	BMPCDT -20080620AEI
41	WGBA-TV	GREEN BAY WI	140.5	CP MOD	BMPCDT -20080207AAN
39	WWME-LD	CHICAGO IL	137.0	APP	USERRECORD-01

Total scenarios = 30

Result key: 174

Scenario 20 Affected station 33 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 20

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	97375	824.3
lost to ATV IX only	97375	824.3
lost to all IX	97375	824.3

Potential Interfering Stations Included in above Scenario 20

39A WI GREEN BAY	BLCDT	20051004ABD	LIC
41A IL FREEPORT	BPRM	20080620AOH	APP
41A WI GREEN BAY	BMPCDT	20080620AEI	APP
39A IL CHICAGO	USERRECORD01		APP

The following station failed the de minimis interference criteria.

39D IL CHICAGO USERRECORD01
ERP 15.00 kW HAAT 443.0 m RCAMSL 623.0 m
Antenna CDB 00000000089107

Due to interference to the following station and scenario: 20

40D WI KENOSHA BLCDT 20040206AAT
ERP 830.00 kW HAAT 358.0 m RCAMSL 557.0 m
Antenna CDB 00000000043896

Percent Service lost without proposal: 0.0 to BLCDT 20040206AAT
Percent Service lost with proposal: 2.4 to BLCDT 20040206AAT

Worst case new IX 2.3914% Scenario 20

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Analysis of Interference to Affected Station 34

OET-69 Interference Analysis , WWME-LD, Chicago, IL, Ch. 39 (summary of results)

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

Stations Potentially Affecting This Station

Proposal causes no interference

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Analysis of Interference to Affected Station 35

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

Stations Potentially Affecting This Station

Proposal causes no interference

#####

Analysis of Interference to Affected Station 36

Analysis of current record
Channel Call City/State Application Ref. No.
41 WMLW-CA MILWAUKEE WI BSTA -20000714AAU

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 37

Analysis of current record
Channel Call City/State Application Ref. No.
41 WMLW-CA MILWAUKEE WI BLTTA -20021002AAA

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 38

Analysis of current record
Channel Call City/State Application Ref. No.
42 W64CQ ARLINGTON HEIGHTS IL BPTT -20030723ACP

Stations Potentially Affecting This Station

Proposal causes no interference

#####

Analysis of Interference to Affected Station 39

Analysis of current record
Channel Call City/State Application Ref. No.
42 W64CQ ARLINGTON HEIGHTS IL BDISTT -20070709ACL

Stations Potentially Affecting This Station

Proposal causes no interference

#####

OET-69 Interference Analysis , WWME-LD, Chicago, IL, Ch. 39 (summary of results)

Analysis of Interference to Affected Station 40

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
43	WAJN-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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Analysis of Interference to Affected Station 41

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
46	WBKM-LP	CHANA IL	BLTTL	-20050228ACV

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 42

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
47	WTAS-LP	WAUKESHA WI	BLTTL	-20071001ACM

Stations Potentially Affecting This Station

Proposed station is beyond the site to
nearest cell evaluation distance

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