

## AGREEMENT

This Agreement (the "Agreement") is made this \_\_\_\_ day of August, 2007 between Channel 23 Limited Partnership (which, together with its successors and assigns, is hereafter termed "Channel 23 LP"), Permittee of LPTV digital companion channel station WWME-LD, Chicago, Illinois ("WWME-LD") and TCCSA, Inc. d/b/a Trinity Broadcasting Network (which, together with its successors and assigns, is hereafter termed "Trinity"), licensee of station W40BY, Channel 40, Palatine, Illinois ("W40BY").

WHEREAS, Channel 23 LP intends to operate WWME-LD on ATSC Channel 39 in Chicago, Illinois, and intends to apply to the Federal Communications Commission ("FCC") for a modification of construction Permit (the "Permit") to operate WWME-LD with the modified facilities described in Exhibit A to this Agreement;

WHEREAS, Trinity operates station W40BY on NTSC Channel 40 in Palatine, Illinois, and intends to "flash cut" W40BY to operation on ATSC Channel 40 in Palatine, Illinois;

WHEREAS, operation of WWME-LD with the Permit would result in prohibited predicted interference under FCC rules to the reception of the signal of W40BY in its protected service area;

WHEREAS, operation of WWME-LD with the Permit would not result in actual interference to the reception of the signal of W40BY in its protected service area in excess of 0.5%, due to the fact that WWME-LD will operate with the FCC's full service digital mask described in Section 73.623(h) of the FCC's rules, as further reflected in Exhibit A to this Agreement; and

WHEREAS, subject to the terms and conditions set forth in this Agreement, the parties desire to permit the operation of WWME-LD with the facilities to be authorized by the Permit, notwithstanding any predicted interference to W40BY;

NOW, THEREFORE, in consideration of the foregoing premises and intending to be legally bound, Trinity and Channel 23 LP agree as follows:

## **SECTION 1**

Subject to the provisions of this Agreement, Trinity consents to the operation of WWME-LD with the facilities to be authorized by the Permit and waives any and all rights it may have to object at the FCC to WWME-LD's operation with those facilities. This Agreement will be filed with the FCC by Channel 23 LP in support of the grant of the Permit or such other similar authority as may be issued by the FCC.

## **SECTION 2**

Upon commencement of WWME-LD operations pursuant to an FCC approval of this Agreement and grant of the Permit or similar operating authority to WWME-LD, Channel 23 LP agrees to correct any actual interference in excess of 0.5% caused by such operation to the reception of the signal of W40BY within its protected service area, should any such actual interference occur. Channel 23 further agrees that it will provide Trinity with a parallel interference agreement in the future, should Trinity wish to employ the FCC's full service digital mask in connection with a power increase for W40BY such that predicted interference but not actual interference in excess of 0.5% to the protected service area of WWME-LD would result from such modified W40BY operation.

## **SECTION 3**

This Agreement shall terminate only upon the earliest to occur of any of the following circumstances:

(a) Trinity no longer operates W40BY or any other NTSC or ATSC television station on Channel 40 in Palatine, Illinois.

(b) Channel 23 LP no longer operates WWME-LD on Channel 39 in Chicago, Illinois, or operates WWME-LD with authorized facilities that do not cause prohibited predicted interference to W40BY or any other NTSC or ATSC television station operated by Trinity on Channel 40 in Palatine, Illinois.

(c) The operation of WWME-LD pursuant to the Permit causes material adverse actual interference in excess of 0.5% to W40BY or any other NTSC or ATSC television station operated by Trinity on Channel 40 in Palatine, Illinois; Trinity has provided Channel 23 LP with written notice describing the nature of such material adverse interference; and Channel 23 LP has failed to eliminate the material adverse interference or otherwise cure Trinity's objection within the forty-five (45) day period following receipt of such written notice from Trinity. The parties agree to cooperate in good faith to attempt to resolve any interference or other issues arising under this Section 3(c) on a commercially reasonable basis.

#### **SECTION 4**

The parties shall take reasonable care to advise each other as soon as possible of any events which have occurred or are likely to occur, whether within or not within their control, and of any agreements which have or may be entered into and to which they may be a party, directly or indirectly, voluntarily or involuntarily, which might cause the termination of this Agreement.

#### **SECTION 5**

This Agreement shall be binding upon and inure to the benefit of the parties hereto and their respective heirs, legal representatives, successors and assigns.

#### **SECTION 6**

All notices, requests, demands, waivers, consents and other communications required or Permitted hereunder shall be in writing and be deemed to be duly given when delivered in person; sent by registered or certified mail, postage prepaid and return receipt requested; sent by express mail or by courier, delivery charges prepaid; or sent by confirmed telecopy, to the following:

If to Channel 23 LP:

Channel 23 Limited Partnership  
26 North Halsted Street  
Chicago, IL 60661

Attention: Norman Shapiro, President  
(Phone) (312) 705-2606  
(Fax) (312) 705-2604

With a copy (which shall not constitute notice) to:

J. Brian DeBoice, Esq.  
Cohn and Marks LLP  
1920 N Street NW, Suite 300  
Washington, DC 20036  
(Phone) (202) 293-3860  
(Fax) (202) 293-4827

If to Trinity:

Trinity Broadcasting Network  
TRINITY BROADCASTING NETWORK, INC.  
ATTN: BEN MILLER  
2442 MICHELLE DR  
TUSTIN, CA 92780

With a copy (which shall not constitute notice) to:

COLBY M. MALI ESQ.  
205 THIRD ST SE  
WASHINGTON D.C.  
20003

Either party may change a designated contact person and address to which notices should be sent to it by written notice to the other party given in accordance with this Section.

## SECTION 7

This Agreement shall be construed and interpreted under the laws of the State of Illinois. Both parties agree that any disputes arising out of this Agreement not otherwise agreed to be resolved elsewhere or through non-judicial means shall be heard before the courts of the State of Illinois in Chicago, Illinois, and agree to that venue and the jurisdiction of such courts.

## SECTION 8

By their signatures below each of Channel 23 LP and Trinity warrant to the other that they have the requisite legal authorization and power to enter into this Agreement and that this Agreement constitutes a valid and binding obligation of each to the other enforceable in accordance with its terms. Each further warrants that the execution, delivery and performance of this Agreement does not violate or conflict with any provision of their charter documents, by-laws or provisions of any other contract or agreement to which they are a party or by which they may be bound and that, except for the consent of the Federal Communications Commission to the implementation of this Agreement, each is not under any injunction, statute, regulation, rule, judgment, decree or similar order which restricts their authority to enter into this Agreement and perform it in accordance with its terms.

## SECTION 9

This Agreement may be executed in counterparts, each of which shall be deemed an original, and all of which together shall constitute one and the same instrument.

IN WITNESS WHEREOF, the parties have executed this Agreement as of the day and year first above written.

CHANNEL 23 LIMITED PARTNERSHIP

By: \_\_\_\_\_  
Norman Shapiro, President

TCCSA, INC. d/b/a TRINITY BROADCASTING NETWORK

By: W B Muller

**EXHIBIT A**

**ENGINEERING STATEMENT OF DU TREIL, LUNDIN & RACKLEY, INC.  
(ATTACHED)**

TECHNICAL STATEMENT  
CONCERNING INTERFERENCE ANALYSIS FOR  
WWME-LD WITH RESPECT TO W40BY (DIGITAL CP)  
CHICAGO, ILLINOIS

This Technical Statement concerns station WWME-LD, the digital companion facility for WWME-CA in Chicago, Illinois. WWME-LD is authorized for digital operation on Channel 39 on the Sears Building with a maximum effective radiated power (ERP) of 1.8 kW, using a bent peanut type pattern, and antenna height of 654 m AMSL. WWME-LD would like to operate with a Dielectric TLP-M pattern. However, the normal FCC OET-69 interference analysis indicates impermissible predicted interference to the digital construction permit of W40BY, Palatine, IL (Channel 40, BDFCDTT-20060327ABZ).

The WWME-LD facility will be constructed using the FCC's full-service digital mask described in Section 73.623(h) of the FCC Rules, as opposed to the FCC's "stringent" low power digital mask for which it has been authorized. The FCC's full-service digital mask has much stricter limitations on emissions in the first-adjacent channels. Therefore, a full-service desire-to-undesired (D/U) ratio would be justified for evaluating predicted interference from the WWME-LD facility to the first-adjacent W40BY digital construction permit facility.

The FCC's normal D/U ratio for lower first-adjacent DTV-into-DTV is -12 dB. The full-service D/U ratio for lower first-adjacent DTV-into-DTV is -28 dB, a difference of 16 dB. By using the full-service D/U ratio, it is demonstrated that the predicted interference to the W40BY digital construction permit facility is predicted to be less than 0.5% under the worst-case scenario calculated.

The attached Figure 1 is a summary of the proposed pattern and facility for WWME-LD. The attached Figure 2 is the FCC OET-69 interference analysis that shows the predicted interference from the proposed WWME-LD facility with the TLP-M pattern to the W40BY digital construction permit facility. Figure 3 is the FCC OET-69 interference analysis that shows that when the full-service D/U of -28 dB is employed, the predicted interference to the W40BY digital construction permit facility is reduced to close to 0% under the worst-case scenario.

The calculation in Figure 3 was made by reducing the maximum ERP of the proposed WWME-LD facility by 16 dB to 0.0452 kW using the proposed TLP-M pattern. This provides the equivalent D/U ratio of -28 dB for calculation of predicted interference to the W40BY digital construction permit facility.

Based on this, it is concluded that the proposed WWME-LD facility, which will be built using a full-service digital emission mask as described in Section 73.623(h) of the FCC Rules, will cause negligible predicted interference of less than 0.5% to the W40BY digital construction permit facility.



Louis R. du Treil, Jr.

du Treil, Lundin & Rackley, Inc.  
201 Fletcher Ave.  
Sarasota, FL 34237

July 29, 2007

# DA Inquiry

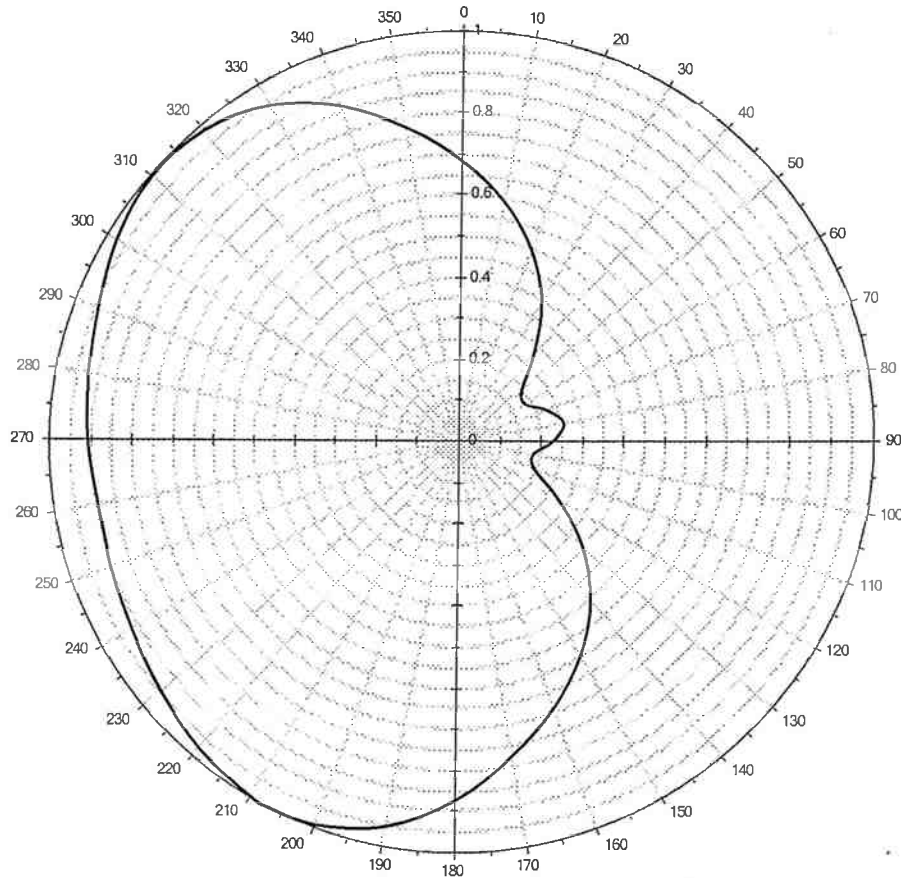
du Treil, Lundin, & Rackley, Inc., Sarasota, Florida

Figure 1



**Antenna Pattern:**      **Antenna ID:** 74072

**Proposed WWME-LD**  
**Channel 39, 1.8 kW (Max)**  
**654 m AMSL**  
**41-52-44 / 87-38-10**



**Note:** display reflects rotation of 260.00°

**Antenna Details:**

0° 0.895	60° 0.985	120° 0.497	180° 0.257	240° 0.502	300° 0.993	307° 1.000
10° 0.908	70° 0.940	130° 0.392	190° 0.227	250° 0.599	310° 0.998	
20° 0.921	80° 0.865	140° 0.280	200° 0.183	260° 0.688	320° 0.976	
30° 0.942	90° 0.775	150° 0.197	210° 0.194	270° 0.778	330° 0.944	
40° 0.974	100° 0.684	160° 0.184	220° 0.278	280° 0.873	340° 0.918	
50° 0.995	110° 0.593	170° 0.226	230° 0.393	290° 0.951	350° 0.901	

**Antenna Make:** DIE

**Standard Pattern:**

**Antenna Model:** TLP-8M

**Last Change Date:**

OET-69 Analysis to W40BY digital CP (BDFCDTT-20060327ABZ) using normal D/U.

Census data selected: 1990

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

## Record Selected for Analysis

WWMELD USERRECORD-01 CHICAGO IL US  
 Channel 39 ERP 1.8 kW HAAT 474. m RCAMSL 00654 m STRINGENT MASK  
 Latitude 041-52-44 Longitude 0087-38-10  
 Status APP Zone 1 Border  
 Dir Antenna Make CDB Model 00000000074072 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	0.842	476.6	46.1
45.0	0.102	478.0	33.3
90.0	0.093	478.0	32.7
135.0	0.360	478.0	41.0
180.0	1.372	473.3	48.9
225.0	1.659	471.5	50.0
270.0	1.484	468.4	49.2
315.0	1.764	469.5	50.3

## 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 quite 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

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 Start of Interference Analysis

## OET-69 Analysis to W40BY digital CP (BDFCDTT-20060327ABZ) using normal D/U.

Channel	Proposed Station	City/State	ARN
39	WMMELD	CHICAGO IL	USERRECORD01

## Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
24	W24AJ	AURORA IL	74.2	LIC	BLTTL	-19990716JA
24	WHVI-LP	VALPARAISO IN	64.4	LIC	BLTTL	-19921102JE
24	WCGV-TV	MILWAUKEE WI	136.1	LIC	BLCT	-19920902KF
25	WMKB-LP	ROCHELLE IL	130.2	APP	BMPTTL	-20070627ABS
25	WMKB-LP	ROCHELLE IL	130.2	CP MOD	BMPTTL	-20061101AAR
25	WMKB-LP	ROCHELLE IL	130.2	APP	BSTA	-20070627ABX
25	WMKB-LP	ROCHELLE IL	130.2	LIC	BLTTL	-20050314AFX
25	W25CL	ROCKFORD IL	125.9	LIC	BLTT	-20020307ABP
25	WCWW-LP	SOUTH BEND IN	123.8	LIC	BLTTL	-20021010AAP
32	WFLD	CHICAGO IL	2.5	LIC	BLCT	-19830408KG
35	WWTO-TV	LASALLE IL	126.9	LIC	BLCT	-19861212LH
36	W36DE	ROCHELLE IL	122.7	CP	BNPTTL	-20000831AKY
36	WMVT	MILWAUKEE WI	137.1	LIC	BLET	-20050623ABQ
38	WCPX	CHICAGO IL	0.0	LIC	BLCT	-20050715ACC
38	W25CL	ROCKFORD IL	125.9	CP	BDISDTT	-20060330ABA
38	WMKG-LP	MUSKEGON MI	195.0	LIC	BLTTL	-20040824AAW
38	W38CT	MADISON WI	199.6	LIC	BLTT	-20021203ACA
38	W38CT	MADISON WI	199.6	CP	BDFCDTT	-20060223AAS
38	WBWT-LP	MILWAUKEE WI	137.1	LIC	BLTTL	-20070223AGI
39	W39BH	CHAMPAIGN IL	203.0	LIC	BLTTL	-19920420IM
39	WAOE	PEORIA IL	211.7	CP MOD	BMPCDT	-20061211AAW
39	WQRF-TV	ROCKFORD IL	134.1	LIC	BLCT	-19960402KE
39	WFWA	FORT WAYNE IN	221.0	LIC	BLET	-20060606ABF
39	WKOI-TV	RICHMOND IN	364.8	LIC	BLCDDT	-20050920ABV
39	WFXW	TERRE HAUTE IN	293.8	CP MOD	BMPCDT	-20070125ACT
39	W39BO	CRYSTAL MI	270.7	LIC	BLTTL	-19951130JU
39	WZZM-TV	GRAND RAPIDS MI	212.6	LIC	BLCDDT	-20050628AAD
39	WADL	MT. CLEMENS MI	398.0	LIC	BLCDDT	-20020507AAO
39	WOCB-CA	MARION OH	401.7	LIC	BLTTL	-19921223IG
39	WOCB-CA	MARION OH	401.7	LIC	BLTTA	-20031212AAO
39	WFRV-TV	GREEN BAY WI	274.3	LIC	BLCDDT	-20051004ABD
39	WFRV-DT	GREEN BAY WI	274.3	LIC	BPRM	-20010806ACL
40	W40BY	PALATINE IL	0.0	CP	BDFCDTT	-20060327ABZ
40	W40BY	PALATINE IL	0.0	LIC	BLTT	-20060419ACR
40	W40BW	ROCHELLE IL	134.0	CP MOD	BMPTTL	-20040316AKG
40	W54BE	SUGAR GROVE IL	68.7	CP	BPTTL	-20041202ACN
40	W54BE	SUGAR GROVE IL	68.7	CP	BDFCDTL	-20070301ABR
40	WHCH-LP	CHESTERTON IN	64.4	CP	BDISDTL	-20060331ADT
40	WPXE	KENOSHA WI	137.0	LIC	BLCDDT	-20040206AAT
41	WOCH-CA	CHICAGO IL	2.5	APP	BPTTA	-20050127ALO
41	WOCH-CA	CHICAGO IL	2.5	APP	BSTA	-20060109ACO
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	BDISTT	-20070709ACL
42	W64CQ	ARLINGTON HEIGHTS IL	40.5	APP	BPTT	-20030723ACP
43	WAJN-LP	BROOKSTON IN	134.0	LIC	BLTTL	-20050422AEH
43	WTAS-LP	WAUKESHA WI	129.3	LIC	BLTTL	-19900810IM
46	W52BR	ARBURY HILLS IL	1.4	APP	BMPTTL	-20061024AFI
46	W52BR	CHAMPAIGN-URBANA IL	1.4	APP	BSTA	-20060509ACT
46	WBKM-LP	CHANA IL	130.2	LIC	BLTTL	-20050228ACV
46	WHME-TV	SOUTH BEND IN	126.4	LIC	BLCT	-2590
47	WTAS-LP	WAUKESHA WI	129.3	CP	BPTTL	-20040719AEA

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## Analysis of Interference to Affected Station 33

Analysis of current record			
Channel	Call	City/State	Application Ref. No.

Figure 2

# OET-69 Analysis to W40BY digital CP (BDFCDTT-20060327ABZ) using normal D/U.

40 W40BY PALATINE IL BDFCDTT -20060327ABZ

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
40	KFXB	DUBUQUE IA	255.8	CP	BPCT	-20050830AAO
40	WHOI	PEORIA IL	212.5	LIC	BLCDT	-20070504AFQ
40	WHOI-DT	PEORIA IL	212.5	PLN	DTVPLN	-DTVP1122
40	W54BE	SUGAR GROVE IL	68.8	CP	BPTTL	-20041202ACN
40	W54BE	SUGAR GROVE IL	68.8	CP	BDFCDTL	-20070301ABR
40	WHCH-LP	CHESTERTON IN	64.3	CP	BDISDTL	-20060331ADT
40	WFWA	FORT WAYNE IN	221.0	LIC	BLEDT	-20041112ACP
40	WFWA-DT	FORT WAYNE IN	221.0	PLN	DTVPLN	-DTVP1123
40	WHMB-TV	INDIANAPOLIS IN	251.2	LIC	BLCT	-19990922AAW
40	WWTV-DT	CADILLAC MI	312.6	PLN	DTVPLN	-DTVP1129
40	WLMB	TOLEDO OH	300.0	LIC	BLCT	-19981029KE
40	WHKE-DT	KENOSHA WI	101.7	PLN	DTVPLN	-DTVP1146
40	WPXE	KENOSHA WI	137.0	LIC	BLCDT	-20040206AAT
40	WSAW-DT	WAUSAU WI	376.6	PLN	DTVPLN	-DTVP1147
41	WOCH-CA	CHICAGO IL	2.5	APP	BPTTA	-20050127ALO
41	WOCH-CA	CHICAGO IL	2.5	APP	BSTA	-20060109ACO
41	WOCH-CA	CHICAGO IL	2.5	LIC	BLTTA	-20060103ACT
39	WWMELD	CHICAGO IL	0.0	APP	USERRECORD-01	

Total scenarios = 3

Result key: 1  
 Scenario 1 Affected station 33 W40BY  
 Before Analysis

Results for: 40A IL PALATINE BDFCDTT 20060327ABZ CP

HAAT	1.0 m, ATV ERP	8.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour			4510605	3381.9
not affected by terrain losses			4510605	3381.9
lost to NTSC IX			3139	14.7
lost to additional IX by ATV			179081	128.3
lost to ATV IX only			182220	143.0
lost to all IX			182220	143.0

Potential Interfering Stations Included in above Scenario 1

40N IL SUGAR GROVE	BPTTL	20041202ACN	CP
41N IL CHICAGO	BLTTA	20060103ACT	LIC
40A IL SUGAR GROVE	BDFCDTL	20070301ABR	CP
40A IN CHESTERTON	BDISDTL	20060331ADT	CP
40A WI KENOSHA	BLCDT	20040206AAT	LIC

## After Analysis

Results for: 40A IL PALATINE BDFCDTT 20060327ABZ CP

HAAT	1.0 m, ATV ERP	8.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour			4510605	3381.9
not affected by terrain losses			4510605	3381.9
lost to NTSC IX			3139	14.7
lost to additional IX by ATV			446041	229.2
lost to ATV IX only			449180	243.9
lost to all IX			449180	243.9

Potential Interfering Stations Included in above Scenario 1

40N IL SUGAR GROVE	BPTTL	20041202ACN	CP
41N IL CHICAGO	BLTTA	20060103ACT	LIC
40A IL SUGAR GROVE	BDFCDTL	20070301ABR	CP
40A IN CHESTERTON	BDISDTL	20060331ADT	CP
40A WI KENOSHA	BLCDT	20040206AAT	LIC
39A IL CHICAGO	USERRECORD01		APP

OET-69 Analysis to W40BY digital CP (BDFCDTT-20060327ABZ) using normal D/U.

The following station failed the de minimis interference criteria.

39D IL CHICAGO USERRECORD01  
ERP 1.80 kW HAAT 474.0 m RCAMSL 654.0 m  
Antenna CDB 00000000074072

Due to interference to the following station and scenario: 1

40D IL PALATINE BDFCDTT 20060327ABZ  
ERP 8.00 kW HAAT 1.0 m RCAMSL 636.0 m  
Antenna CDB 00000000020067

Percent Service lost without proposal: 0.0 to BDFCDTT 20060327ABZ  
Percent Service lost with proposal: 6.2 to BDFCDTT 20060327ABZ

Result key: 2  
Scenario 2 Affected station 33 W40BY  
Before Analysis

Results for: 40A IL PALATINE BDFCDTT 20060327ABZ CP  
HAAT 1.0 m, ATV ERP 8.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	4510605	3381.9
not affected by terrain losses	4510605	3381.9
lost to NTSC IX	84670	27.4
lost to additional IX by ATV	109678	117.5
lost to ATV IX only	182220	143.0
lost to all IX	194348	145.0

Potential Interfering Stations Included in above Scenario 2

40N IL SUGAR GROVE	BPTTL	20041202ACN	CP
41N IL CHICAGO	BPTTA	20050127ALO	APP
40A IL SUGAR GROVE	BDFCDTL	20070301ABR	CP
40A IN CHESTERTON	BDISDTL	20060331ADT	CP
40A WI KENOSHA	BLCDT	20040206AAT	LIC

After Analysis

Results for: 40A IL PALATINE BDFCDTT 20060327ABZ CP  
HAAT 1.0 m, ATV ERP 8.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	4510605	3381.9
not affected by terrain losses	4510605	3381.9
lost to NTSC IX	84670	27.4
lost to additional IX by ATV	364510	216.4
lost to ATV IX only	449180	243.9
lost to all IX	449180	243.9

Potential Interfering Stations Included in above Scenario 2

40N IL SUGAR GROVE	BPTTL	20041202ACN	CP
41N IL CHICAGO	BPTTA	20050127ALO	APP
40A IL SUGAR GROVE	BDFCDTL	20070301ABR	CP
40A IN CHESTERTON	BDISDTL	20060331ADT	CP
40A WI KENOSHA	BLCDT	20040206AAT	LIC
39A IL CHICAGO	USERRECORD01		APP

The following station failed the de minimis interference criteria.

39D IL CHICAGO USERRECORD01  
ERP 1.80 kW HAAT 474.0 m RCAMSL 654.0 m  
Antenna CDB 00000000074072

Due to interference to the following station and scenario: 2

40D IL PALATINE BDFCDTT 20060327ABZ  
ERP 8.00 kW HAAT 1.0 m RCAMSL 636.0 m  
Antenna CDB 00000000020067

Percent Service lost without proposal: 0.0 to BDFCDTT 20060327ABZ

OET-69 Analysis to W40BY digital CP (BDFCDTT-20060327ABZ) using normal D/U.

Percent Service lost with proposal: 5.9 to BDFCDTT 20060327ABZ

Result key: 3  
 Scenario 3 Affected station 33 W40BY  
 Before Analysis

Results for: 40A IL PALATINE BDFCDTT 20060327ABZ CP  
 HAAT 1.0 m, ATV ERP 8.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	4510605	3381.9
not affected by terrain losses	4510605	3381.9
lost to NTSC IX	43507	18.6
lost to additional IX by ATV	138713	124.4
lost to ATV IX only	182220	143.0
lost to all IX	182220	143.0

Potential Interfering Stations Included in above Scenario 3

40N IL SUGAR GROVE	BPTTL	20041202ACN	CP
41N IL CHICAGO	BSTA	20060109ACO	APP
40A IL SUGAR GROVE	BDFCDTL	20070301ABR	CP
40A IN CHESTERTON	BDISDTL	20060331ADT	CP
40A WI KENOSHA	BLCDT	20040206AAT	LIC

After Analysis

Results for: 40A IL PALATINE BDFCDTT 20060327ABZ CP  
 HAAT 1.0 m, ATV ERP 8.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	4510605	3381.9
not affected by terrain losses	4510605	3381.9
lost to NTSC IX	43507	18.6
lost to additional IX by ATV	405673	225.3
lost to ATV IX only	449180	243.9
lost to all IX	449180	243.9

Potential Interfering Stations Included in above Scenario 3

40N IL SUGAR GROVE	BPTTL	20041202ACN	CP
41N IL CHICAGO	BSTA	20060109ACO	APP
40A IL SUGAR GROVE	BDFCDTL	20070301ABR	CP
40A IN CHESTERTON	BDISDTL	20060331ADT	CP
40A WI KENOSHA	BLCDT	20040206AAT	LIC
39A IL CHICAGO	USERRECORD01		APP

The following station failed the de minimis interference criteria.

39D IL CHICAGO USERRECORD01  
 ERP 1.80 kW HAAT 474.0 m RCAMSL 654.0 m  
 Antenna CDB 00000000074072

Due to interference to the following station and scenario: 3

40D IL PALATINE BDFCDTT 20060327ABZ  
 ERP 8.00 kW HAAT 1.0 m RCAMSL 636.0 m  
 Antenna CDB 00000000020067

Percent Service lost without proposal: 0.0 to BDFCDTT 20060327ABZ  
 Percent Service lost with proposal: 6.2 to BDFCDTT 20060327ABZ

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OET-69 Analysis to W40BY digital CP (BDFCDTT-20060327ABZ) using full-service D/U

(Note: The WWME-LD proposed ERP was adjusted downward by 16 dB to 0.0452 kW to simulate the -28 dB D/U ratio for lower adjacent DTV-into-DTV. The normal low power lower DTV-into-DTV ratio is -12 dB. There is no change in the other low power analysis parameters in this way, including the low power elevation pattern.)

Census data selected: 1990

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

## Record Selected for Analysis

WWMELD USERRECORD-01 CHICAGO IL US  
 Channel 39 ERP 0.0452 kW HAAT 474. m RCAMSL 00654 m STRINGENT MASK  
 Latitude 041-52-44 Longitude 0087-38-10  
 Status APP Zone 1 Border  
 Dir Antenna Make CDB Model 00000000074072 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	0.021	476.6	24.7
45.0	0.003	478.0	14.8
90.0	0.002	478.0	14.3
135.0	0.009	478.0	20.7
180.0	0.034	473.3	27.1
225.0	0.042	471.5	28.0
270.0	0.037	468.4	27.4
315.0	0.044	469.5	28.3

## 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 quite zone

OET-69 Analysis to W40BY digital CP (BDFCDTT-20060327ABZ) using full-service D/U

(Note: The WWME-LD proposed ERP was adjusted downward by 16 dB to 0.0452 kW to simulate the -28 dB D/U ratio for lower adjacent DTV-into-DTV. The normal low power lower DTV-into-DTV ratio is -12 dB. There is no change in the other low power analysis parameters in this way, including the low power elevation pattern.)

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	Call	City/State	ARN
39	WWME-LD	CHICAGO IL	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
24	W24AJ	AURORA IL	74.2	LIC	BLTTL	-19990716JA
24	WHVI-LP	VALPARAISO IN	64.4	LIC	BLTTL	-19921102JE
24	WCGV-TV	MILWAUKEE WI	136.1	LIC	BLCT	-19920902KF
25	WMKB-LP	ROCHELLE IL	130.2	APP	BMPTTL	-20070627ABS
25	WMKB-LP	ROCHELLE IL	130.2	CP MOD	BMPTTL	-20061101AAR
25	WMKB-LP	ROCHELLE IL	130.2	APP	BSTA	-20070627ABX
25	WMKB-LP	ROCHELLE IL	130.2	LIC	BLTTL	-20050314AFX
25	W25CL	ROCKFORD IL	125.9	LIC	BLTT	-20020307ABP
25	WCWW-LP	SOUTH BEND IN	123.8	LIC	BLTTL	-20021010AAP
32	WFLD	CHICAGO IL	2.5	LIC	BLCT	-19830408KG
35	WWTG-TV	LASALLE IL	126.9	LIC	BLCT	-19861212LH
36	W36DE	ROCHELLE IL	122.7	CP	BNPTTL	-20000831AKY
36	WMVT	MILWAUKEE WI	137.1	LIC	BLET	-20050623ABQ
38	WCPX	CHICAGO IL	0.0	LIC	BLCT	-20050715ACC
38	W25CL	ROCKFORD IL	125.9	CP	BDISDTT	-20060330ABA
38	WMKG-LP	MUSKEGON MI	195.0	LIC	BLTTL	-20040824AAW
38	W38CT	MADISON WI	199.6	LIC	BLTT	-20021203ACA
38	W38CT	MADISON WI	199.6	CP	BDFCDTT	-20060223AAS
38	WBWT-LP	MILWAUKEE WI	137.1	LIC	BLTTL	-20070223AGI
39	W39BH	CHAMPAIGN IL	203.0	LIC	BLTTL	-19920420IM
39	WAOE	PEORIA IL	211.7	CP MOD	BMPCDT	-20061211AAW
39	WQRF-TV	ROCKFORD IL	134.1	LIC	BLCT	-19960402KE
39	WFWA	FORT WAYNE IN	221.0	LIC	BLET	-20060606ABF
39	WKOI-TV	RICHMOND IN	364.8	LIC	BLCDT	-20050920ABV
39	WFXW	TERRE HAUTE IN	293.8	CP MOD	BMPCDT	-20070125ACT
39	W39BO	CRYSTAL MI	270.7	LIC	BLTTL	-19951130JU
39	WZZM-TV	GRAND RAPIDS MI	212.6	LIC	BLCDT	-20050628AAD
39	WADL	MT. CLEMENS MI	398.0	LIC	BLCDT	-20020507AAO
39	WOCB-CA	MARION OH	401.7	LIC	BLTTL	-19921223IG
39	WOCB-CA	MARION OH	401.7	LIC	BLTTA	-20031212AAO
39	WFRV-TV	GREEN BAY WI	274.3	LIC	BLCDT	-20051004ABD
39	WFRV-DT	GREEN BAY WI	274.3	LIC	BPRM	-20010806ACL
40	W40BY	PALATINE IL	0.0	CP	BDFCDTT	-20060327ABZ
40	W40BY	PALATINE IL	0.0	LIC	BLTT	-20060419ACR

Figure

OET-69 Analysis to W40BY digital CP (BDFCDTT-20060327ABZ) using full-service D/U

(Note: The WWME-LD proposed ERP was adjusted downward by 16 dB to 0.0452 kW to simulate the -28 dB D/U ratio for lower adjacent DTV-into-DTV. The normal low power lower DTV-into-DTV ratio is -12 dB. There is no change in the other low power analysis parameters in this way, including the low power elevation pattern.)

40	W40BW	ROCHELLE IL	134.0	CP MOD	BMPTTL	-20040316AKG
40	W54BE	SUGAR GROVE IL	68.7	CP	BPTTL	-20041202ACN
40	W54BE	SUGAR GROVE IL	68.7	CP	BDFCDTL	-20070301ABR
40	WHCH-LP	CHESTERTON IN	64.4	CP	BDISDTL	-20060331ADT
40	WPXE	KENOSHA WI	137.0	LIC	BLCDT	-20040206AAT
41	WOCH-CA	CHICAGO IL	2.5	APP	BPTTA	-20050127ALO
41	WOCH-CA	CHICAGO IL	2.5	APP	BSTA	-20060109ACO
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	BDISTT	-20070709ACL
42	W64CQ	ARLINGTON HEIGHTS IL	40.5	APP	BPTT	-20030723ACP
43	WAJN-LP	BROOKSTON IN	134.0	LIC	BLTTL	-20050422AEH
43	WTAS-LP	WAUKESHA WI	129.3	LIC	BLTTL	-19900810IM
46	W52BR	ARBURY HILLS IL	1.4	APP	BMPTTL	-20061024AFI
46	W52BR	CHAMPAIGN-URBANA IL	1.4	APP	BSTA	-20060509ACT
46	WBKM-LP	CHANA IL	130.2	LIC	BLTTL	-20050228ACV
46	WHME-TV	SOUTH BEND IN	126.4	LIC	BLCT	-2590
47	WTAS-LP	WAUKESHA WI	129.3	CP	BPTTL	-20040719AEA

[illegible]

## Analysis of Interference to Affected Station 33

### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
40	W40BY	PALATINE IL	BDFCDTT	-20060327ABZ

### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
40	KFXB	DUBUQUE IA	255.8	CP	BPCT	-20050830AAO
40	WHOI	PEORIA IL	212.5	LIC	BLCDT	-20070504AFQ
40	WHOI-DT	PEORIA IL	212.5	PLN	DTVPLN	-DTVP1122
40	W54BE	SUGAR GROVE IL	68.8	CP	BPTTL	-20041202ACN
40	W54BE	SUGAR GROVE IL	68.8	CP	BDFCDTL	-20070301ABR
40	WHCH-LP	CHESTERTON IN	64.3	CP	BDISDTL	-20060331ADT
40	WFWA	FORT WAYNE IN	221.0	LIC	BLEDT	-20041112ACP
40	WFWA-DT	FORT WAYNE IN	221.0	PLN	DTVPLN	-DTVP1123
40	WHMB-TV	INDIANAPOLIS IN	251.2	LIC	BLCT	-19990922AAW
40	WWTV-DT	CADILLAC MI	312.6	PLN	DTVPLN	-DTVP1129
40	WLMB	TOLEDO OH	300.0	LIC	BLCT	-19981029KE
40	WHKE-DT	KENOSHA WI	101.7	PLN	DTVPLN	-DTVP1146
40	WPXE	KENOSHA WI	137.0	LIC	BLCDT	-20040206AAT
40	WSAW-DT	WAUSAU WI	376.6	PLN	DTVPLN	-DTVP1147
41	WOCH-CA	CHICAGO IL	2.5	APP	BPTTA	-20050127ALO
41	WOCH-CA	CHICAGO IL	2.5	APP	BSTA	-20060109ACO
41	WOCH-CA	CHICAGO IL	2.5	LIC	BLTTA	-20060103ACT
39	WWMELD	CHICAGO IL	0.0	APP	USERRECORD-	01

Total scenarios = 3

OET-69 Analysis to W40BY digital CP (BDFCDTT-20060327ABZ) using full-service D/U

(Note: The WWME-LD proposed ERP was adjusted downward by 16 dB to 0.0452 kW to simulate the -28 dB D/U ratio for lower adjacent DTV-into-DTV. The normal low power lower DTV-into-DTV ratio is -12 dB. There is no change in the other low power analysis parameters in this way, including the low power elevation pattern.)

Result key: 1

Scenario 1 Affected station 33 W40BY  
Before Analysis

Results for: 40A IL PALATINE BDFCDTT 20060327ABZ CP

HAAT 1.0 m, ATV ERP 8.0 kW		
	POPULATION	AREA (sq km)
within Noise Limited Contour	4510605	3381.9
not affected by terrain losses	4510605	3381.9
lost to NTSC IX	3139	14.7
lost to additional IX by ATV	179081	128.3
lost to ATV IX only	182220	143.0
lost to all IX	182220	143.0

Potential Interfering Stations Included in above Scenario 1

40N IL SUGAR GROVE	BPTTL	20041202ACN	CP
41N IL CHICAGO	BLTTA	20060103ACT	LIC
40A IL SUGAR GROVE	BDFCDTL	20070301ABR	CP
40A IN CHESTERTON	BDISDTL	20060331ADT	CP
40A WI KENOSHA	BLCDT	20040206AAT	LIC

After Analysis

Results for: 40A IL PALATINE BDFCDTT 20060327ABZ CP

HAAT 1.0 m, ATV ERP 8.0 kW		
	POPULATION	AREA (sq km)
within Noise Limited Contour	4510605	3381.9
not affected by terrain losses	4510605	3381.9
lost to NTSC IX	3139	14.7
lost to additional IX by ATV	195481	132.2
lost to ATV IX only	198620	146.9
lost to all IX	198620	146.9

Potential Interfering Stations Included in above Scenario 1

40N IL SUGAR GROVE	BPTTL	20041202ACN	CP
41N IL CHICAGO	BLTTA	20060103ACT	LIC
40A IL SUGAR GROVE	BDFCDTL	20070301ABR	CP
40A IN CHESTERTON	BDISDTL	20060331ADT	CP
40A WI KENOSHA	BLCDT	20040206AAT	LIC
39A IL CHICAGO	USERRECORD01		APP

Result key: 2

Scenario 2 Affected station 33 W40BY  
Before Analysis

Results for: 40A IL PALATINE BDFCDTT 20060327ABZ CP

HAAT 1.0 m, ATV ERP 8.0 kW		
	POPULATION	AREA (sq km)
within Noise Limited Contour	4510605	3381.9
not affected by terrain losses	4510605	3381.9
lost to NTSC IX	84670	27.4
lost to additional IX by ATV	109678	117.5
lost to ATV IX only	182220	143.0

OET-69 Analysis to W40BY digital CP (BDFCDTT-20060327ABZ) using full-service D/U

(Note: The WWME-LD proposed ERP was adjusted downward by 16 dB to 0.0452 kW to simulate the -28 dB D/U ratio for lower adjacent DTV-into-DTV. The normal low power lower DTV-into-DTV ratio is -12 dB. There is no change in the other low power analysis parameters in this way, including the low power elevation pattern.)

lost to all IX 194348 145.0

Potential Interfering Stations Included in above Scenario 2

40N IL SUGAR GROVE	BPTTL	20041202ACN	CP
41N IL CHICAGO	BPTTA	20050127ALO	APP
40A IL SUGAR GROVE	BDFCDTL	20070301ABR	CP
40A IN CHESTERTON	BDISDTL	20060331ADT	CP
40A WI KENOSHA	BLCDT	20040206AAT	LIC

After Analysis

Results for: 40A IL PALATINE BDFCDTT 20060327ABZ CP  
HAAT 1.0 m, ATV ERP 8.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	4510605	3381.9
not affected by terrain losses	4510605	3381.9
lost to NTSC IX	84670	27.4
lost to additional IX by ATV	113950	119.5
lost to ATV IX only	198620	146.9
lost to all IX	198620	146.9

Potential Interfering Stations Included in above Scenario 2

40N IL SUGAR GROVE	BPTTL	20041202ACN	CP
41N IL CHICAGO	BPTTA	20050127ALO	APP
40A IL SUGAR GROVE	BDFCDTL	20070301ABR	CP
40A IN CHESTERTON	BDISDTL	20060331ADT	CP
40A WI KENOSHA	BLCDT	20040206AAT	LIC
39A IL CHICAGO	USERRECORD01		APP

Result key: 3  
Scenario 3 Affected station 33 W40BY  
Before Analysis

Results for: 40A IL PALATINE BDFCDTT 20060327ABZ CP  
HAAT 1.0 m, ATV ERP 8.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	4510605	3381.9
not affected by terrain losses	4510605	3381.9
lost to NTSC IX	43507	18.6
lost to additional IX by ATV	138713	124.4
lost to ATV IX only	182220	143.0
lost to all IX	182220	143.0

Potential Interfering Stations Included in above Scenario 3

40N IL SUGAR GROVE	BPTTL	20041202ACN	CP
41N IL CHICAGO	BSTA	20060109ACO	APP
40A IL SUGAR GROVE	BDFCDTL	20070301ABR	CP
40A IN CHESTERTON	BDISDTL	20060331ADT	CP
40A WI KENOSHA	BLCDT	20040206AAT	LIC

After Analysis

OET-69 Analysis to W40BY digital CP (BDFCDTT-20060327ABZ) using full-service D/U

(Note: The WWME-LD proposed ERP was adjusted downward by 16 dB to 0.0452 kW to simulate the -28 dB D/U ratio for lower adjacent DTV-into-DTV. The normal low power lower DTV-into-DTV ratio is -12 dB. There is no change in the other low power analysis parameters in this way, including the low power elevation pattern.)

Results for: 40A IL PALATINE                      BDFCDTT    20060327ABZ    CP  
HAAT    1.0 m, ATV ERP    8.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	4510605	3381.9
not affected by terrain losses	4510605	3381.9
lost to NTSC IX	43507	18.6
lost to additional IX by ATV	155113	128.3
lost to ATV IX only	198620	146.9
lost to all IX	198620	146.9

Potential Interfering Stations Included in above Scenario    3

40N IL SUGAR GROVE	BPTTL	20041202ACN	CP
41N IL CHICAGO	BSTA	20060109ACO	APP
40A IL SUGAR GROVE	BDFCDTL	20070301ABR	CP
40A IN CHESTERTON	BDISDTL	20060331ADT	CP
40A WI KENOSHA	BLCDT	20040206AAT	LIC
39A IL CHICAGO	USERRECORD01		APP

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