



**STATEMENT OF JOHN E. HIDLE, P.E.
IN SUPPORT OF A REQUEST FOR
SPECIAL TEMPORARY AUTHORIZATION
WLS-TV - CHICAGO, ILLINOIS
DTV - CH. 44 - 908 kW - 475 m HAAT**

Prepared for: WLS TELEVISION, INC.

I am a Consulting Engineer, an employee in the firm of Carl T. Jones Corporation, with offices located in Springfield, Virginia. My education and experience are a matter of record with the Federal Communications Commission. I am a Licensed Professional Engineer in the Commonwealth of Virginia, License No. 7418, and in the State of New York, License No. 63418.

GENERAL

This office has been authorized by WLS TELEVISION, INC., permittee of WLS-TV, channel 44, Chicago, Illinois, to prepare this statement and associated exhibits in support of a request for a Special Temporary Authorization (STA).

By way of background, WLS-TV operated its former NTSC analog facilities on channel 7 at the Willis Tower (formerly known as the Sears Tower), and effectuated the transition to its authorized post-transition digital operation on channel 7 at the Willis Tower in June 2009. After the transition to digital operation on channel 7, WLS-TV received thousands of complaints from over-the-air viewers with reception problems. To improve its post-transition digital service, WLS-TV petitioned the Commission for a Rulemaking to substitute UHF channel 44 for VHF channel 7 for use at Chicago, Illinois. The FCC granted the petition, and channel 44 was allotted for use by WLS-TV in Chicago. See RM-11553, MB Docket 09-146 (which became effective on September 22, 2009, the date the final rule

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was published in the Federal Register). Accordingly, WLS-TV applied for, and the Commission granted, an application for a construction permit for operation on channel 44 at the Willis Tower. (See FCC File No. BPCDT-20091001ACI which authorizes an Effective Radiated Power (ERP) of 473.3 kW, and an omni-directional antenna located at a center line height of 515 meters Height Above Average Terrain (HAAT).) On March 31, 2011, WLS-TV filed an application requesting modification of that construction permit at the Willis Tower by increasing the ERP to 1000 kW, and substituting a directional antenna with its radiation center line positioned at a HAAT of 518 meters. The FCC granted that application on August 16, 2011 and issued BMPCDT-20110331ABW.

While WLS-TV is in the process of constructing its authorized permanent channel 44 facilities at the Willis Tower, WLS-TV has been operating using temporary channel 44 facilities located at the John Hancock Building, pursuant to STA, BDSTA-20100319AFB, extended by BEDSTA-20101008AAN, request to further extension via pending BEDSTA-20110407AAB. The channel 44 Hancock STA authorizes WLS-TV to operate on channel 44 with an ERP of 1000 kW and a HAAT of 437 meters.

INTERIM OPERATION PURSUANT TO SECTION 73.1615 OF THE FCC'S RULES

As part of WLS-TV's phased transition, the permittee took delivery of, and installed WLS-TV's new authorized transmitter at the Willis Tower. To improve its interim service on channel 44 pending the installation of its new authorized channel 44 antenna, WLS-TV began operating temporarily at the Willis Tower on channel 44 on August 15, 2011 pursuant to Section 73.1615 of the FCC's rules (Channel 44 Wills Interim Operation).

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Through the Channel 44 Willis Interim Operation, the permittee has now improved its current service to the viewing public from the Willis Tower by the interim use of its authorized new transmitter and the existing RFS model PHP-24C directional antenna. The interim facility is operating at Willis Tower, with an ERP of 908 kW and a HAAT of 475 meters. See Exhibit 2.

As set forth herein, the Channel 44 Willis Tower Interim Operation complies with the terms set forth in Section 73.1615 of the FCC's rules, which permits licensees holding a television station construction permit to operate "without specific FCC authority, for a period not exceeding 30 days [...] with temporary facilities to maintain, as nearly as possible, but not exceed, the size of the presently licensed coverage area."

The interim Willis Tower operation's ERP complies with Section 73.1615(a)(2) in that it maintains, as nearly as possible, but does not exceed, the size of the authorized service area. The predicted service area, using FCC Curves, authorized by WLS-TV's construction permit, 1000 kW @ 518 meters HAAT, encompasses 39,057 sq km. The service area predicted for the current interim operation at Willis Tower, 908 kW @ 475 meters HAAT, encompasses 33,960 sq km. Comparatively, the service area predicted for WLS-TV's current STA operation at John Hancock, 1000 kW @ 437 meters HAAT, encompasses 31,989 sq km. As a result of the 38 meter increase in HAAT, the Willis Tower interim operation provides an increase of 1,971 sq km in WLS-TV's interim service area. The predicted 48 dBu Principal Community coverage contour also completely covers the community of license, Chicago, Illinois. See Exhibit 1.

INSTANT REQUEST FOR STA

Section 73.1615(c)(1) of the FCC's rules states that "[s]hould it be necessary to continue the procedures [...] of this section beyond 30 days, an informal letter request signed by the licensee or the licensee's representative must be sent to the FCC in Washington, DC prior to the 30th day." Pursuant to Section 73.1615(c), WLS-TV submits the instant request to continue the Channel 44 Willis Interim Operation beyond the initial 30 day period while WLS-TV continues to construct its permanent channel 44 facilities at the Willis Tower. Until the existing channel 7 antenna can be removed from the support structure to clear space for installation of the channel 44 antenna at its permanent height, WLS-TV must operate using a temporary antenna at the lower HAAT. Grant of the instant request is in the public interest because it will permit WLS-TV to improve service to its viewers beyond the service previously provided under the Channel 44 Hancock STA, and as nearly as possible but without exceeding the size of the permanent channel 44 facilities at the Willis Tower. The 38 meter increase in HAAT at Willis Tower results in a predicted service area that is larger by 1,971 sq km than the service area predicted for the John Hancock STA channel 44 facility .

ALLOCATION AND PROTECTION CONSIDERATIONS

The permittee has employed the Commission's application processing software to confirm that the proposed ERP of 908 kW is predicted to cause no new interference in excess of 0.5% to any other authorized television facility. See Appendix A.

RADIO FREQUENCY IMPACT & OCCUPATIONAL SAFETY

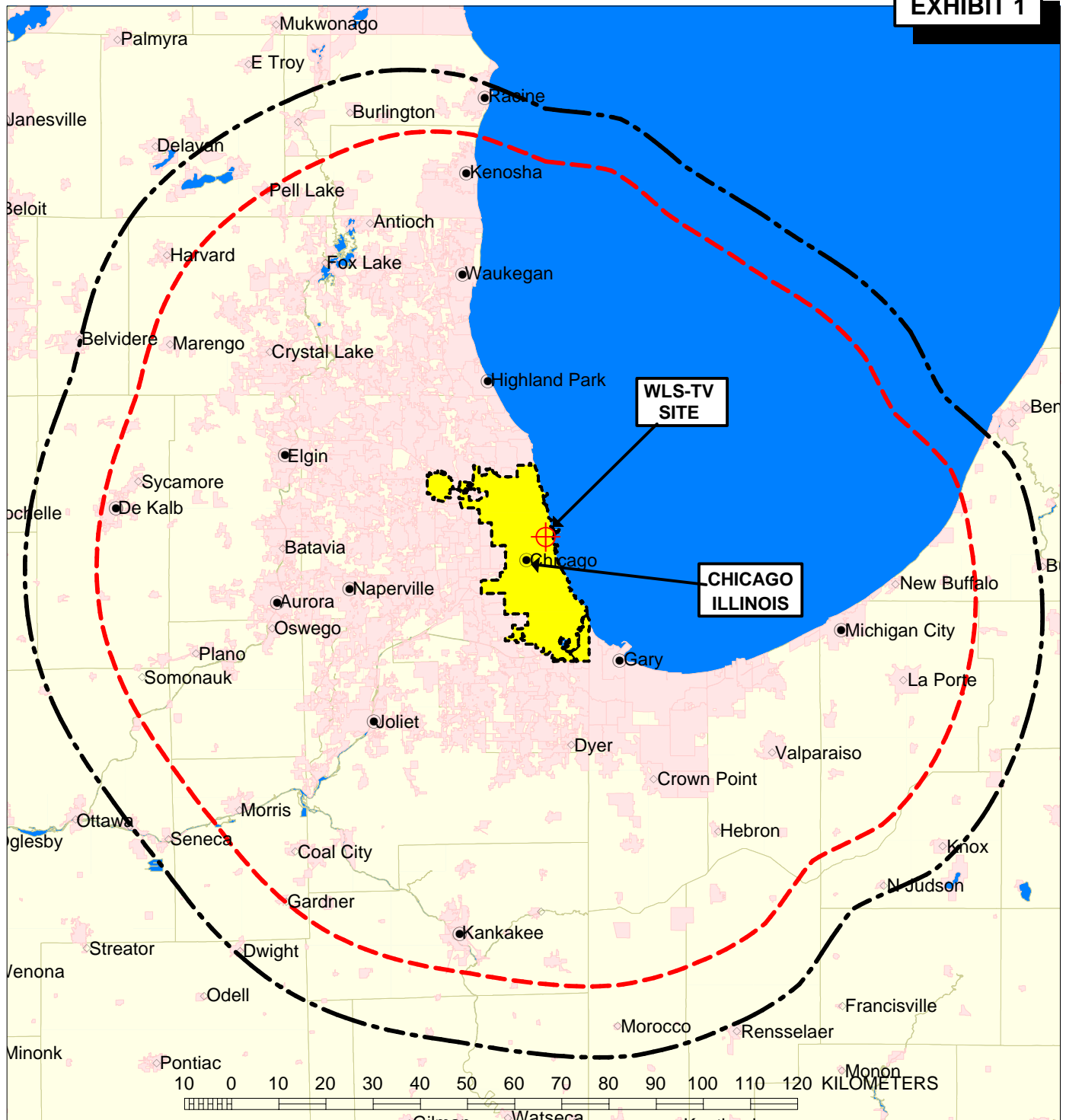
Access to the roof area of the Willis Tower is completely restricted, and controlled continuously by security personnel, and is allowed only to authorized persons. As a tenant, WLS-TV is subject to the Willis Tower RF Safety program. The program's RF Safety Procedures ensure that each broadcasting facility is compliant with requirements to operate with reduced power or to cease operation as required by the location of the work. A description of the Willis Tower RF Safety Program and notification procedures is contained in the original application for construction permit, BPCDT-20091001ACI.

SUMMARY

It is submitted that, because of the complicated CP implementation process, the STA, as proposed herein, is essential to the interim improvement of service to the viewing public, by maintaining WLS-TV's interim service area as nearly as possible to the size of the authorized service area. This statement and the attached exhibits were prepared by me and are believed to be true and correct to the best of my knowledge and belief.

DATED: August 26, 2011





PREDICTED COVERAGE CONTOURS

WLS-TV, CHICAGO, ILLINOIS

DTV STA - CH. 44 - 908 kW - 475 m HAAT

Predicted Principal Community Contour

F(50,90) - 48 dBu

Area = 25,465 sq km

Population = 9,266,206

AUGUST 2011



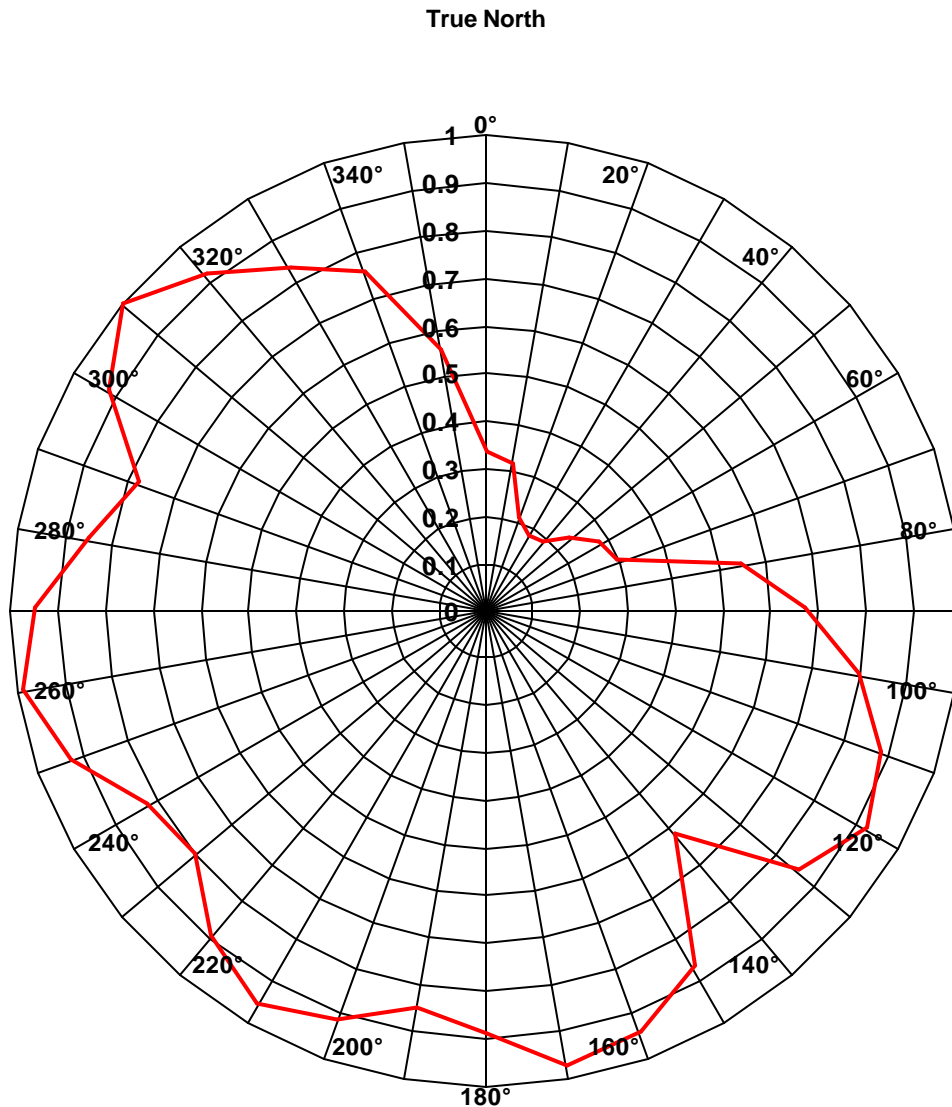
Predicted Noise Limited Contour

F(50,90) - 41 dBu

Area = 33,960 sq km

Population = 9,579,116

Exhibit 2



Azimuth (deg T.)	Relative Field	ERP (kilowatts)	ERP (dBk)
0	0.326	36.771	15.66
10	0.307	32.610	15.13
20	0.2	13.840	11.41
30	0.175	10.596	10.25
40	0.181	11.335	10.54
50	0.226	17.672	12.47
60	0.272	25.598	14.08
70	0.289	28.898	14.61
80	0.541	101.268	20.05
90	0.668	154.394	21.89
100	0.795	218.681	23.40
110	0.881	268.552	24.29
120	0.92	292.854	24.67
130	0.856	253.527	24.04
140	0.617	131.718	21.20
150	0.869	261.286	24.17
160	0.949	311.608	24.94
170	0.977	330.267	25.19
180	0.893	275.917	24.41
190	0.853	251.753	24.01
200	0.921	293.491	24.68
210	0.964	321.536	25.07
220	0.9	280.260	24.48
230	0.802	222.549	23.47
240	0.823	234.356	23.70
250	0.929	298.612	24.75
260	0.992	340.486	25.32
270	0.95	312.265	24.95
280	0.848	248.810	23.96
290	0.779	209.967	23.22
300	0.917	290.948	24.64
310	0.995	342.549	25.35
320	0.918	291.583	24.65
330	0.825	235.496	23.72
340	0.752	195.664	22.92
350	0.551	105.046	20.21
360	1	346.000	25.39

**DIRECTIONAL ANTENNA HORIZONTAL PLANE
RELATIVE FIELD PATTERN
WLS-TV Ch 44, CHICAGO, IL (Willis Tower)
908 kW, 475 meters HAAT, D-ANT**

Vertical Radiation Pattern

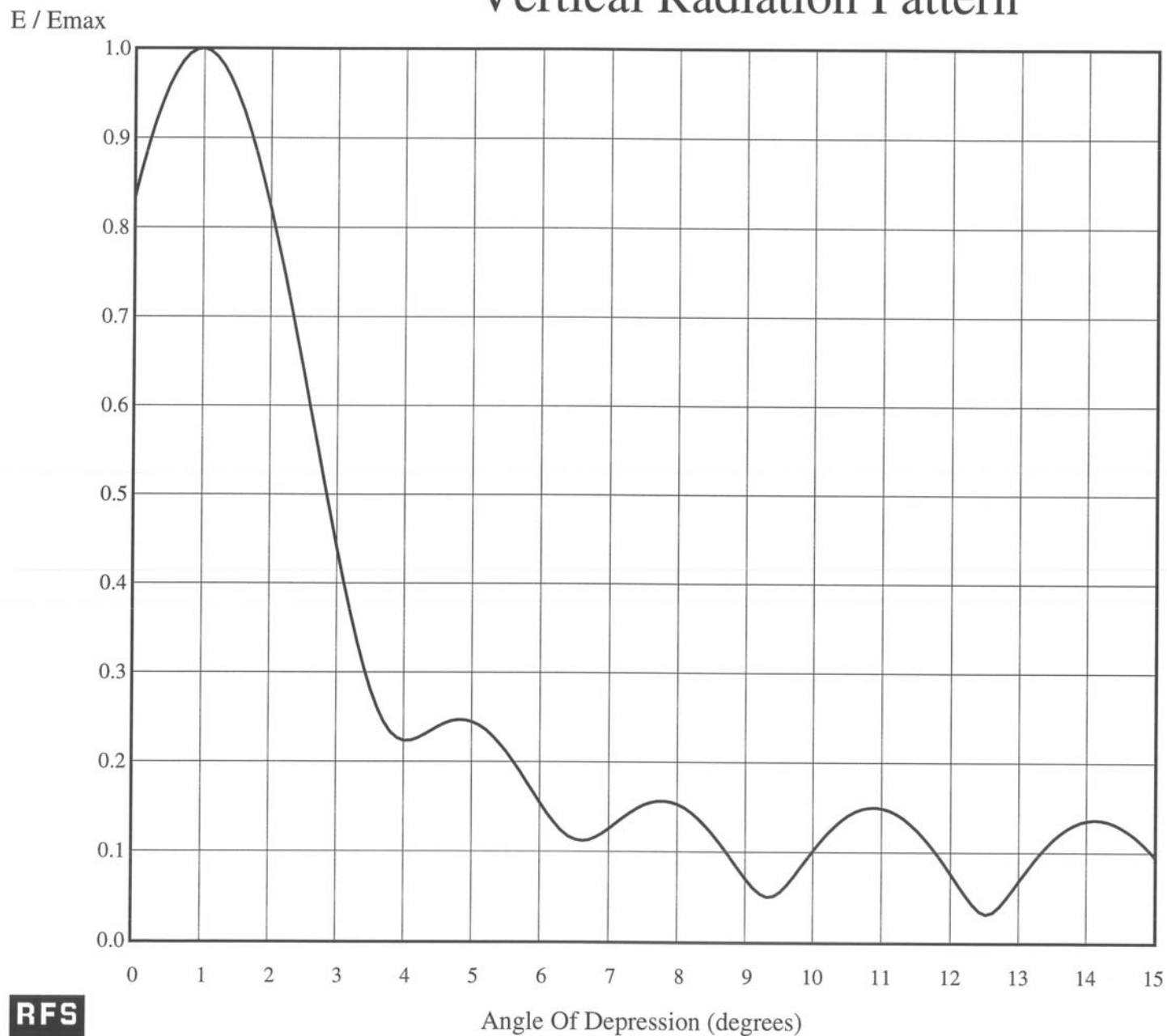


Figure B-10. Full Antenna VRP, Channel 44

Date : 05/05/99

Station : Sears Tower

Frequency (MHz) : 653.00

Directivity (dB) : 12.64

Beam Tilt (deg) : 1.0

Vertical Spacing (m) : 1.150

Level	Power	Phase
1	1.0	136.7
2	1.0	84.1
3	1.0	58.9
4	1.0	42.1
5	1.0	21.1
6	1.0	17.9
7	1.0	0.0
8	1.0	33.7



WLS-TV - APPENDIX A LONGLEY-RICE INTERFERENCE ANALYSIS

Percent allowed new interference: 0.500
 Percent allowed new interference to non Class A LPTV: 2.000
 Census data selected 2000
 Data Base Selected
 ./data/tvdb.sff

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 07-29-2011 Time: 18:50:27

Record Selected for Analysis

WLS-TV BDSTA -20091026ACS CHICAGO IL US
 Channel 44 ERP 908.0 kW HAAT 475.0 m RCAMSL 655.4 m
 Latitude 041-52-44 Longitude 0087-38- 8
 Status APP Zone 1 Border C Site number: 01
 Dir Antenna Make CDB Model 00000000099905 Beam tilt N Ref Azimuth 0.0
 Last update 00000000 Cutoff date 20091023 Docket
 Comments
 Applicant WLS TELEVISION, INC.

Cell Size for Service Analysis 2.0 km/side

Distance Increments for Longley-Rice Analysis 1.00 km

Facility (site # 01) does not meet maximum height/power limits
 Channel 44 ERP = 908.00 HAAT = 475.

Site number 1			
Azimuth (Deg)	ERP (kW)	HAAT (m)	41.0 dBu F(50,90) (km)
0.0	96.499	478.2	91.5
45.0	37.602	479.4	84.9
90.0	405.171	479.4	104.1
135.0	492.529	479.4	106.0
180.0	724.084	474.7	109.4
225.0	657.574	472.9	108.3
270.0	819.470	469.8	110.3
315.0	830.722	471.0	110.5

Evaluation toward Class A Stations from site # 01

Station inside contour of Class A station

WOCH-CA 41 CHICAGO IL BLTTA 20060103ACT

Station inside contour of Class A station

WOCH-CA 41 CHICAGO IL BPTTA 20050127ALO

Station inside contour of Class A station

WMEU-CA 48 CHICAGO IL BMPTTA 20110317ABS

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Class A Evaluation Complete SPACING VIOLATION FOUND BETWEEN STATION

WLS-TV 44 CHICAGO IL BDSTA 20091026ACS Site # 01
and station
SHORT TO: WLS-TV 44 CHICAGO IL DTVPLN DTVPL1568
041-52-44 0087-38-10
Req. separation 196.3 Actual separation 0.0 Short 196.3 km

LANDMOBILE SPACING VIOLATIONS FOUND

NONE from Site # 01

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 = 369.6km

Proposed facility is beyond the Mexican coordination distance

Proposed station is OK toward AM broadcast stations

Start of Interference Analysis

Channel	Call	Proposed Station City/State	ARN
44	WLS-TV	CHICAGO IL	BDSTA 20091026ACS

Chans	Call	City/State	Dist(km)	Status	Application	Ref. No.
44	WRSP-TV	SPRINGFIELD IL	276.8	CP	BPCDT	20080620AGF
44	WRSP-TV	SPRINGFIELD IL	276.8	LIC	BLCDT	20050317ADQ
30	WSPY-LP	PLANO IL	81.5	LIC	BLTTL	19900514IR
41	WOCH-CA	CHICAGO IL	2.5	LIC	BLTTA	20060103ACT
41	WOCH-CA	CHICAGO IL	2.5	APP	BPTTA	20050127ALO
41	WMLW-CA	MILWAUKEE WI	139.1	STA	BSTA	20000714AAU
41	WMLW-CA	MILWAUKEE WI	139.1	LIC	BLTTA	20021002AAA
43	WCPX-TV	CHICAGO IL	0.0	LIC	BLCDT	20010226ABH
43	WCPX-TV	CHICAGO IL	1.9	APP	BPCDT	20080619AIL
43	WWRS-TV	MAYVILLE WI	187.8	APP	BPCDT	20080618ATT
43	WWRS-TV	MAYVILLE WI	187.8	LIC	BLCDT	20050825AEW
44	WDTI	INDIANAPOLIS IN	251.2	LIC	BLEDT	20080519ABT
44	WDTI	INDIANAPOLIS IN	251.2	CP	BPEDT	20080617AEQ
44	WZPX-TV	BATTLE CREEK MI	229.3	LIC	BLCDT	20020510AAG
44	WWJ-TV	DETROIT MI	373.0	LIC	BLCDT	20100419AAS

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44	WTLW	LIMA OH	313.7	LIC	BLCDDT	20081209AAB
45	WSNS-TV	CHICAGO IL	0.0	CP	BPCDDT	20080620AMW
45	WSNS-TV	CHICAGO IL	0.0	LIC	BLCDDT	20010612AIB
45	WLLA	KALAMAZOO MI	194.7	LIC	BLCDDT	20070529AEA
48	WMEU-CA	BLUE ISLAND IL	42.2	LIC	BLTTA	20041008AAN
48	WMEU-CA	CHICAGO IL	0.0	CP MOD	BMPTTA	20110317ABS

%%%

Analysis of Interference to Affected Station 1

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
44	WRSP-TV	SPRINGFIELD IL	BPCDDT	-20080620AGF

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
43	KTVI	ST LOUIS MO	161.6	LIC	BLCDDT	-20040903AAY
44	WLS-TV	CHICAGO IL	276.8	APP	BDSTA	-20091026ACS
44	WDTI	INDIANAPOLIS IN	276.7	LIC	BLEDT	-20080519ABT
44	WDTI	INDIANAPOLIS IN	276.7	CP	BPEDT	-20080617AEQ
44	WKON	OWENTON KY	423.8	LIC	BLEDT	-20011121ABI
44	KYTV	SPRINGFIELD MO	421.4	LIC	BLCDDT	-20020213AAA
44	WLS-TV	CHICAGO IL	276.8	PLN	DTVPLN	-DTVPL1568

Total scenarios = 1

Result key: 1

Scenario 1 Affected station 1

Before Analysis

Results for: 44A IL SPRINGFIELD BPCDDT 20080620AGF CP

HAAT 415.0 m, ATV ERP 750.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1101646	33556.4
not affected by terrain losses	1098559	33452.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	3319	148.0
lost to ATV IX only	3319	148.0
lost to all IX	3319	148.0

Potential Interfering Stations Included in above Scenario 1

43A MO ST LOUIS	BLCDDT	20040903AAY	LIC
44A IN INDIANAPOLIS	BPEDT	20080617AEQ	CP

After Analysis

Results for: 44A IL SPRINGFIELD BPCDDT 20080620AGF CP

HAAT 415.0 m, ATV ERP 750.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1101646	33556.4
not affected by terrain losses	1098559	33452.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	7780	351.9
lost to ATV IX only	7780	351.9
lost to all IX	7780	351.9

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Potential Interfering Stations Included in above Scenario 1
43A MO ST LOUIS BLCDT 20040903AAY LIC
44A IN INDIANAPOLIS BPEDT 20080617AEQ CP
44A IL CHICAGO BDSTA 20091026ACS APP

Percent new IX = 0.4073%
Worst case new IX 0.4073% Scenario 1

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Analysis of Interference to Affected Station 2

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
44	WRSP-TV	SPRINGFIELD IL	BLCDT	-20050317ADQ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
43	KTVI	ST LOUIS MO	161.6	LIC	BLCDT	-20040903AAY
44	WLS-TV	CHICAGO IL	276.8	APP	BDSTA	-20091026ACS
44	WDTI	INDIANAPOLIS IN	276.7	LIC	BLEDT	-20080519ABT
44	WDTI	INDIANAPOLIS IN	276.7	CP	BPEDT	-20080617AEQ
44	WKON	OWENTON KY	423.8	LIC	BLEDT	-20011121ABI
44	KYTV	SPRINGFIELD MO	421.4	LIC	BLCDT	-20020213AAA
44	WLS-TV	CHICAGO IL	276.8	PLN	DTVPLN	-DTVP1568

Total scenarios = 1
Result key: 2
Scenario 1 Affected station 2
Before Analysis

Results for: 44A IL SPRINGFIELD BLCDT 20050317ADQ LIC
HAAT 415.0 m, ATV ERP 335.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	883288	29105.0
not affected by terrain losses	882088	29069.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	449	20.0
lost to ATV IX only	449	20.0
lost to all IX	449	20.0

Potential Interfering Stations Included in above Scenario 1
43A MO ST LOUIS BLCDT 20040903AAY LIC

After Analysis

Results for: 44A IL SPRINGFIELD BLCDT 20050317ADQ LIC
HAAT 415.0 m, ATV ERP 335.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	883288	29105.0
not affected by terrain losses	882088	29069.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	995	88.0
lost to ATV IX only	995	88.0

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lost to all IX

995

88.0

Potential Interfering Stations Included in above Scenario 1

43A MO ST LOUIS	BLCDT	20040903AAY	LIC
44A IL CHICAGO	BDSTA	20091026ACS	APP

Percent new IX = 0.0619%

Worst case new IX 0.0619% Scenario 1

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Analysis of Interference to Affected Station 3

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
30	WSPY-LP	PLANO IL	BLTTL	-19900514IR

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
27	WCIU-TV	CHICAGO IL	81.5	LIC	BLCDT	-20060525ADR
27	WCIU-TV	CHICAGO IL	81.5	CP MOD	BMPCDT	-20090105ACO
28	WYZZ-TV	BLOOMINGTON IL	124.0	LIC	BLCDT	-20060609ABE
29	WMAQ-TV	CHICAGO IL	81.5	LIC	BLCDT	-20010531ACY
30	WMBD-TV	PEORIA IL	140.0	LIC	BLCDT	-20061019ADD
30	WHLA-TV	LA CROSSE WI	329.4	LIC	BMLEDT	-20041013AAL
31	WFLD	CHICAGO IL	81.5	LIC	BLCDT	-20090223ABV
38	WGBO-DT	JOLIET IL	83.1	LIC	BLCDT	-20100709AJT
44	WLS-TV	CHICAGO IL	81.5	APP	BDSTA	-20091026ACS
45	WSNS-TV	CHICAGO IL	81.5	CP	BPCDT	-20080620AMW
45	WSNS-TV	CHICAGO IL	81.5	LIC	BLCDT	-20010612AIB
44	WLS-TV	CHICAGO IL	81.5	PLN	DTVPLN	-DTVP1568

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.
41	WOCH-CA	CHICAGO IL	BLTTA	-20060103ACT

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
33	WITI	MILWAUKEE WI	134.3	LIC	BLCDT	-20091106AEL
34	WISN-TV	MILWAUKEE WI	137.1	LIC	BLCDT	-20101104AAA
38	WGBO-DT	JOLIET IL	0.0	LIC	BLCDT	-20100709AJT
40	WESV-LD	CHICAGO IL	2.5	LIC	BLDTL	-20101213AGJ
41	KGCW	BURLINGTON IA	278.3	LIC	BLCDT	-20081120ABD
41	WICD	CHAMPAIGN IL	204.8	LIC	BLCDT	-20050620AAO
41	WIFR	FREEPORT IL	135.1	LIC	BLCDT	-20041012AIQ
41	WIFR	FREEPORT IL	135.1	CP MOD	BMPCDT	-20050103AFQ

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41	WIFR-DR	FREEPORT IL	135.1	APP	BPRM	-20080620AOH
41	WIFR	FREEPORT IL	135.1	CP MOD	BMPCDT	-20081110ADQ
41	WXYZ-TV	DETROIT MI	365.7	LIC	BLCDT	-20081222AAS
41	WHIO-TV	DAYTON OH	372.1	LIC	BLCDT	-20040614AEY
41	WHIO-TV	DAYTON OH	372.1	CP	BPCDT	-20080619ACK
41	WGBA-TV	GREEN BAY WI	274.9	LIC	BLCDT	-20080813ADO
41	WGBA-TV	GREEN BAY WI	274.9	CP MOD	BMPCDT	-20080620AEI
41	NEW	LACROSSE WI	388.0	LIC	BPRM	-20001013ADO
42	WNDU-TV	SOUTH BEND IN	121.4	LIC	BLCDT	-20060717AAG
42	WNDU-TV	SOUTH BEND IN	121.4	CP	BPCDT	-20080619AAB
43	WCPX-TV	CHICAGO IL	2.5	LIC	BLCDT	-20010226ABH
43	WCPX-TV	CHICAGO IL	1.1	APP	BPCDT	-20080619AIL
44	WLS-TV	CHICAGO IL	2.5	APP	BDSTA	-20091026ACS
45	WSNS-TV	CHICAGO IL	2.5	CP	BPCDT	-20080620AMW
45	WSNS-TV	CHICAGO IL	2.5	LIC	BLCDT	-20010612AIB
48	WHME-TV	SOUTH BEND IN	125.9	LIC	BLCDT	-20060109ABG
48	WBME-TV	RACINE WI	137.1	LIC	BLCDT	-20090807ACD
44	WLS-TV	CHICAGO IL	2.5	PLN	DTVPLN	-DTVPL1568

Total scenarios = 6

Result key: 3

Scenario 1 Affected station 4

Before Analysis

Results for: 41N IL CHICAGO	BLTTA	20060103ACT	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	5011300	3650.0	
not affected by terrain losses	5011300	3650.0	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	24838	12.0	
lost to all IX	24838	12.0	

Potential Interfering Stations Included in above Scenario 1

40A IL CHICAGO	BLDTL	20101213AGJ	LIC
43A IL CHICAGO	BLCDT	20010226ABH	LIC
45A IL CHICAGO	BPCDT	20080620AMW	CP

After Analysis

Results for: 41N IL CHICAGO	BLTTA	20060103ACT	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	5011300	3650.0	
not affected by terrain losses	5011300	3650.0	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	24838	12.0	
lost to all IX	24838	12.0	

Potential Interfering Stations Included in above Scenario 1

40A IL CHICAGO	BLDTL	20101213AGJ	LIC
43A IL CHICAGO	BLCDT	20010226ABH	LIC
45A IL CHICAGO	BPCDT	20080620AMW	CP
44A IL CHICAGO	BDSTA	20091026ACS	APP

Percent new IX = 0.0000%

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Result key: 4

Scenario 2 Affected station 4

Before Analysis

Results for: 41N IL CHICAGO	BLTTA	20060103ACT	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	5011300	3650.0	
not affected by terrain losses	5011300	3650.0	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	24838	12.0	
lost to all IX	24838	12.0	

Potential Interfering Stations Included in above Scenario				2
40A IL CHICAGO	BLDTL	20101213AGJ	LIC	
43A IL CHICAGO	BLCDDT	20010226ABH	LIC	
45A IL CHICAGO	BLCDDT	20010612AIB	LIC	

After Analysis

Results for: 41N IL CHICAGO	BLTTA	20060103ACT	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	5011300	3650.0	
not affected by terrain losses	5011300	3650.0	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	24838	12.0	
lost to all IX	24838	12.0	

Potential Interfering Stations Included in above Scenario				2
40A IL CHICAGO	BLDTL	20101213AGJ	LIC	
43A IL CHICAGO	BLCDDT	20010226ABH	LIC	
45A IL CHICAGO	BLCDDT	20010612AIB	LIC	
44A IL CHICAGO	BDSTA	20091026ACS	APP	

Percent new IX = 0.0000%

Result key: 5

Scenario 3 Affected station 4

Before Analysis

Results for: 41N IL CHICAGO	BLTTA	20060103ACT	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	5011300	3650.0	
not affected by terrain losses	5011300	3650.0	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	29379	24.1	
lost to all IX	29379	24.1	

Potential Interfering Stations Included in above Scenario				3
40A IL CHICAGO	BLDTL	20101213AGJ	LIC	
41A IL FREEPORT	BPRM	20080620AOH	APP	
43A IL CHICAGO	BLCDDT	20010226ABH	LIC	
45A IL CHICAGO	BPCDDT	20080620AMW	CP	

After Analysis

Results for: 41N IL CHICAGO	BLTTA	20060103ACT	LIC
	POPULATION	AREA (sq km)	

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within Noise Limited Contour	5011300	3650.0
not affected by terrain losses	5011300	3650.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	29379	24.1
lost to all IX	29379	24.1

Potential Interfering Stations Included in above Scenario 3

40A IL CHICAGO	BLDTL	20101213AGJ	LIC
41A IL FREEPORT	BPRM	20080620AOH	APP
43A IL CHICAGO	BLCDT	20010226ABH	LIC
45A IL CHICAGO	BPCDT	20080620AMW	CP
44A IL CHICAGO	BDSTA	20091026ACS	APP

Percent new IX = 0.0000%

Result key: 6

Scenario 4 Affected station 4

Before Analysis

Results for: 41N IL CHICAGO

	BLTTA	20060103ACT	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	5011300	3650.0	
not affected by terrain losses	5011300	3650.0	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	29379	24.1	
lost to all IX	29379	24.1	

Potential Interfering Stations Included in above Scenario 4

40A IL CHICAGO	BLDTL	20101213AGJ	LIC
41A IL FREEPORT	BPRM	20080620AOH	APP
43A IL CHICAGO	BLCDT	20010226ABH	LIC
45A IL CHICAGO	BLCDT	20010612AIB	LIC

After Analysis

Results for: 41N IL CHICAGO

	BLTTA	20060103ACT	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	5011300	3650.0	
not affected by terrain losses	5011300	3650.0	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	29379	24.1	
lost to all IX	29379	24.1	

Potential Interfering Stations Included in above Scenario 4

40A IL CHICAGO	BLDTL	20101213AGJ	LIC
41A IL FREEPORT	BPRM	20080620AOH	APP
43A IL CHICAGO	BLCDT	20010226ABH	LIC
45A IL CHICAGO	BLCDT	20010612AIB	LIC
44A IL CHICAGO	BDSTA	20091026ACS	APP

Percent new IX = 0.0000%

Result key: 7

Scenario 5 Affected station 4

Before Analysis

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Results for: 41N IL CHICAGO	BLTTA	20060103ACT	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	5011300	3650.0	
not affected by terrain losses	5011300	3650.0	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	24838	12.0	
lost to all IX	24838	12.0	

Potential Interfering Stations Included in above Scenario 5

40A IL CHICAGO	BLDTL	20101213AGJ	LIC
43A IL CHICAGO	BLCDDT	20010226ABH	LIC
45A IL CHICAGO	BPCDDT	20080620AMW	CP

After Analysis

Results for: 41N IL CHICAGO	BLTTA	20060103ACT	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	5011300	3650.0	
not affected by terrain losses	5011300	3650.0	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	24838	12.0	
lost to all IX	24838	12.0	

Potential Interfering Stations Included in above Scenario 5

40A IL CHICAGO	BLDTL	20101213AGJ	LIC
43A IL CHICAGO	BLCDDT	20010226ABH	LIC
45A IL CHICAGO	BPCDDT	20080620AMW	CP
44A IL CHICAGO	BDSTA	20091026ACS	APP

Percent new IX = 0.0000%

Result key: 8
Scenario 6 Affected station 4
Before Analysis

Results for: 41N IL CHICAGO	BLTTA	20060103ACT	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	5011300	3650.0	
not affected by terrain losses	5011300	3650.0	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	24838	12.0	
lost to all IX	24838	12.0	

Potential Interfering Stations Included in above Scenario 6

40A IL CHICAGO	BLDTL	20101213AGJ	LIC
43A IL CHICAGO	BLCDDT	20010226ABH	LIC
45A IL CHICAGO	BLCDDT	20010612AIB	LIC

After Analysis

Results for: 41N IL CHICAGO	BLTTA	20060103ACT	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	5011300	3650.0	
not affected by terrain losses	5011300	3650.0	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	24838	12.0	

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lost to all IX 24838 12.0

Potential Interfering Stations Included in above Scenario 6

40A IL CHICAGO	BLDTL	20101213AGJ	LIC
43A IL CHICAGO	BLCDDT	20010226ABH	LIC
45A IL CHICAGO	BLCDDT	20010612AIB	LIC
44A IL CHICAGO	BDSTA	20091026ACS	APP

Percent new IX = 0.0000%

Worst case new IX 0.0000% Scenario 1

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Analysis of Interference to Affected Station 5

Analysis of current record

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

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
33	WITI	MILWAUKEE WI	134.3	LIC	BLCDDT -20091106AEL
34	WISN-TV	MILWAUKEE WI	137.1	LIC	BLCDDT -20101104AAA
38	WGBD-TV	JOLIET IL	0.0	LIC	BLCDDT -20100709AJT
40	WESV-LD	CHICAGO IL	2.5	LIC	BLDTL -20101213AGJ
41	KGCW	BURLINGTON IA	278.3	LIC	BLCDDT -20081120ABD
41	WICD	CHAMPAIGN IL	204.8	LIC	BLCDDT -20050620AAO
41	WIFR	FREEDPORT IL	135.1	LIC	BLCDDT -20041012AIQ
41	WIFR	FREEDPORT IL	135.1	CP MOD	BMPCDDT -20050103AFQ
41	WIFR-DR	FREEDPORT IL	135.1	APP	BPRM -20080620AOH
41	WIFR	FREEDPORT IL	135.1	CP MOD	BMPCDDT -20081110ADQ
41	WXYZ-TV	DETROIT MI	365.7	LIC	BLCDDT -20081222AAS
41	WHIO-TV	DAYTON OH	372.1	LIC	BLCDDT -20040614AEY
41	WHIO-TV	DAYTON OH	372.1	CP	BPCDDT -20080619ACK
41	WGBA-TV	GREEN BAY WI	274.9	LIC	BLCDDT -20080813ADO
41	WGBA-TV	GREEN BAY WI	274.9	CP MOD	BMPCDDT -20080620AEI
41	NEW	LACROSSE WI	388.0	LIC	BPRM -20001013ADO
42	WNDU-TV	SOUTH BEND IN	121.4	LIC	BLCDDT -20060717AAG
42	WNDU-TV	SOUTH BEND IN	121.4	CP	BPCDDT -20080619AAB
43	WCPX-TV	CHICAGO IL	2.5	LIC	BLCDDT -20010226ABH
43	WCPX-TV	CHICAGO IL	1.1	APP	BPCDDT -20080619AIL
44	WLS-TV	CHICAGO IL	2.5	APP	BDSTA -20091026ACS
45	WSNS-TV	CHICAGO IL	2.5	CP	BPCDDT -20080620AMW
45	WSNS-TV	CHICAGO IL	2.5	LIC	BLCDDT -20010612AIB
48	WHME-TV	SOUTH BEND IN	125.9	LIC	BLCDDT -20060109ABG
48	WBME-TV	RACINE WI	137.1	LIC	BLCDDT -20090807ACD
44	WLS-TV	CHICAGO IL	2.5	PLN	DTVPLN -DTVPLN1568

Total scenarios = 6

Result key: 9

Scenario 1 Affected station 5

Before Analysis

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Results for: 41N IL CHICAGO	BPTTA	20050127ALO	APP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	4335327	2887.0	
not affected by terrain losses	4335327	2887.0	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	456780	104.3	
lost to all IX	456780	104.3	

Potential Interfering Stations Included in above Scenario	1
38A IL JOLIET	BLCDT 20100709AJT LIC
40A IL CHICAGO	BLDTL 20101213AGJ LIC
41A IL CHAMPAIGN	BLCDT 20050620AAO LIC
43A IL CHICAGO	BLCDT 20010226ABH LIC
45A IL CHICAGO	BPCDT 20080620AMW CP

After Analysis

Results for: 41N IL CHICAGO	BPTTA	20050127ALO	APP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	4335327	2887.0	
not affected by terrain losses	4335327	2887.0	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	456780	104.3	
lost to all IX	456780	104.3	

Potential Interfering Stations Included in above Scenario	1
38A IL JOLIET	BLCDT 20100709AJT LIC
40A IL CHICAGO	BLDTL 20101213AGJ LIC
41A IL CHAMPAIGN	BLCDT 20050620AAO LIC
43A IL CHICAGO	BLCDT 20010226ABH LIC
45A IL CHICAGO	BPCDT 20080620AMW CP
44A IL CHICAGO	BDSTA 20091026ACS APP

Percent new IX = 0.0000%

Result key: 10

Scenario 2 Affected station 5

Before Analysis

Results for: 41N IL CHICAGO	BPTTA	20050127ALO	APP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	4335327	2887.0	
not affected by terrain losses	4335327	2887.0	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	456780	104.3	
lost to all IX	456780	104.3	

Potential Interfering Stations Included in above Scenario	2
38A IL JOLIET	BLCDT 20100709AJT LIC
40A IL CHICAGO	BLDTL 20101213AGJ LIC
41A IL CHAMPAIGN	BLCDT 20050620AAO LIC
43A IL CHICAGO	BLCDT 20010226ABH LIC
45A IL CHICAGO	BLCDT 20010612AIB LIC

After Analysis

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Results for: 41N IL CHICAGO

	BPTTA	20050127ALO	APP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	4335327	2887.0	
not affected by terrain losses	4335327	2887.0	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	456780	104.3	
lost to all IX	456780	104.3	

Potential Interfering Stations Included in above Scenario 2

38A IL JOLIET	BLC DT	20100709AJT	LIC
40A IL CHICAGO	BLD TL	20101213AGJ	LIC
41A IL CHAMPAIGN	BLC DT	20050620AAO	LIC
43A IL CHICAGO	BLC DT	20010226ABH	LIC
45A IL CHICAGO	BLC DT	20010612AIB	LIC
44A IL CHICAGO	BDSTA	20091026ACS	APP

Percent new IX = 0.0000%

Result key: 11
 Scenario 3 Affected station 5
 Before Analysis

Results for: 41N IL CHICAGO

	BPTTA	20050127ALO	APP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	4335327	2887.0	
not affected by terrain losses	4335327	2887.0	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	458100	108.3	
lost to all IX	458100	108.3	

Potential Interfering Stations Included in above Scenario 3

38A IL JOLIET	BLC DT	20100709AJT	LIC
40A IL CHICAGO	BLD TL	20101213AGJ	LIC
41A IL CHAMPAIGN	BLC DT	20050620AAO	LIC
41A IL FREEPORT	BPRM	20080620AOH	APP
43A IL CHICAGO	BLC DT	20010226ABH	LIC
45A IL CHICAGO	BPC DT	20080620AMW	CP

After Analysis

Results for: 41N IL CHICAGO

	BPTTA	20050127ALO	APP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	4335327	2887.0	
not affected by terrain losses	4335327	2887.0	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	458100	108.3	
lost to all IX	458100	108.3	

Potential Interfering Stations Included in above Scenario 3

38A IL JOLIET	BLC DT	20100709AJT	LIC
40A IL CHICAGO	BLD TL	20101213AGJ	LIC
41A IL CHAMPAIGN	BLC DT	20050620AAO	LIC
41A IL FREEPORT	BPRM	20080620AOH	APP
43A IL CHICAGO	BLC DT	20010226ABH	LIC
45A IL CHICAGO	BPC DT	20080620AMW	CP

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44A IL CHICAGO BDSTA 20091026ACS APP

Percent new IX = 0.0000%

Result key: 12

Scenario 4 Affected station 5

Before Analysis

Results for: 41N IL CHICAGO BPTTA 20050127ALO APP

	POPULATION	AREA (sq km)
within Noise Limited Contour	4335327	2887.0
not affected by terrain losses	4335327	2887.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	458100	108.3
lost to all IX	458100	108.3

Potential Interfering Stations Included in above Scenario 4

38A IL JOLIET	BLCDT	20100709AJT	LIC
40A IL CHICAGO	BLDTL	20101213AGJ	LIC
41A IL CHAMPAIGN	BLCDT	20050620AAO	LIC
41A IL FREEPORT	BPRM	20080620AOH	APP
43A IL CHICAGO	BLCDT	20010226ABH	LIC
45A IL CHICAGO	BLCDT	20010612AIB	LIC

After Analysis

Results for: 41N IL CHICAGO BPTTA 20050127ALO APP

	POPULATION	AREA (sq km)
within Noise Limited Contour	4335327	2887.0
not affected by terrain losses	4335327	2887.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	458100	108.3
lost to all IX	458100	108.3

Potential Interfering Stations Included in above Scenario 4

38A IL JOLIET	BLCDT	20100709AJT	LIC
40A IL CHICAGO	BLDTL	20101213AGJ	LIC
41A IL CHAMPAIGN	BLCDT	20050620AAO	LIC
41A IL FREEPORT	BPRM	20080620AOH	APP
43A IL CHICAGO	BLCDT	20010226ABH	LIC
45A IL CHICAGO	BLCDT	20010612AIB	LIC
44A IL CHICAGO	BDSTA	20091026ACS	APP

Percent new IX = 0.0000%

Result key: 13

Scenario 5 Affected station 5

Before Analysis

Results for: 41N IL CHICAGO BPTTA 20050127ALO APP

	POPULATION	AREA (sq km)
within Noise Limited Contour	4335327	2887.0
not affected by terrain losses	4335327	2887.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	456780	104.3
lost to all IX	456780	104.3

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Potential Interfering Stations Included in above Scenario				5
38A IL JOLIET	BLCDT	20100709AJT	LIC	
40A IL CHICAGO	BLDTL	20101213AGJ	LIC	
41A IL CHAMPAIGN	BLCDT	20050620AAO	LIC	
43A IL CHICAGO	BLCDT	20010226ABH	LIC	
45A IL CHICAGO	BPCDT	20080620AMW	CP	

After Analysis

Results for: 41N IL CHICAGO	BPTTA	20050127ALO	APP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	4335327	2887.0	
not affected by terrain losses	4335327	2887.0	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	456780	104.3	
lost to all IX	456780	104.3	

Potential Interfering Stations Included in above Scenario				5
38A IL JOLIET	BLCDT	20100709AJT	LIC	
40A IL CHICAGO	BLDTL	20101213AGJ	LIC	
41A IL CHAMPAIGN	BLCDT	20050620AAO	LIC	
43A IL CHICAGO	BLCDT	20010226ABH	LIC	
45A IL CHICAGO	BPCDT	20080620AMW	CP	
44A IL CHICAGO	BDSTA	20091026ACS	APP	

Percent new IX = 0.0000%

Result key: 14

Scenario 6 Affected station 5

Before Analysis

Results for: 41N IL CHICAGO	BPTTA	20050127ALO	APP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	4335327	2887.0	
not affected by terrain losses	4335327	2887.0	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	456780	104.3	
lost to all IX	456780	104.3	

Potential Interfering Stations Included in above Scenario				6
38A IL JOLIET	BLCDT	20100709AJT	LIC	
40A IL CHICAGO	BLDTL	20101213AGJ	LIC	
41A IL CHAMPAIGN	BLCDT	20050620AAO	LIC	
43A IL CHICAGO	BLCDT	20010226ABH	LIC	
45A IL CHICAGO	BLCDT	20010612AIB	LIC	

After Analysis

Results for: 41N IL CHICAGO	BPTTA	20050127ALO	APP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	4335327	2887.0	
not affected by terrain losses	4335327	2887.0	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	456780	104.3	
lost to all IX	456780	104.3	

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Potential Interfering Stations Included in above Scenario 6

38A IL JOLIET	BLCDT	20100709AJT	LIC
40A IL CHICAGO	BLDTL	20101213AGJ	LIC
41A IL CHAMPAIGN	BLCDT	20050620AAO	LIC
43A IL CHICAGO	BLCDT	20010226ABH	LIC
45A IL CHICAGO	BLCDT	20010612AIB	LIC
44A IL CHICAGO	BDSTA	20091026ACS	APP

Percent new IX = 0.0000%
Worst case new IX 0.0000% Scenario 1

#####

Analysis of Interference to Affected Station 6

Analysis of current record

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

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
33	WITI	MILWAUKEE WI	3.6	LIC	BLCDT	-20091106AEL
34	WISN-TV	MILWAUKEE WI	0.2	LIC	BLCDT	-20101104AAA
38	WGBO-DT	JOLIET IL	137.1	LIC	BLCDT	-20100709AJT
39	WFRV-TV	GREEN BAY WI	135.9	LIC	BLCDT	-20051004ABD
39	WFRV-DT	GREEN BAY WI	135.9	LIC	BPRM	-20010806ACL
40	WPXE-TV	KENOSHA WI	2.8	LIC	BLCDT	-20040206AAT
41	KGCW	BURLINGTON IA	323.3	LIC	BLCDT	-20081120ABD
41	WICD	CHAMPAIGN IL	338.1	LIC	BLCDT	-20050620AAO
41	WIFR	FREEPORT IL	135.9	LIC	BLCDT	-20041012AIQ
41	WIFR	FREEPORT IL	135.9	CP MOD	BMPCDT	-20050103AFQ
41	WIFR-DR	FREEPORT IL	135.9	APP	BPRM	-20080620AOH
41	WIFR	FREEPORT IL	135.9	CP MOD	BMPCDT	-20081110ADQ
41	WXYZ-TV	DETROIT MI	388.3	LIC	BLCDT	-20081222AAS
41	WGBA-TV	GREEN BAY WI	138.6	LIC	BLCDT	-20080813ADO
41	WGBA-TV	GREEN BAY WI	138.6	CP MOD	BMPCDT	-20080620AEI
41	NEW	LACROSSE WI	295.0	LIC	BPRM	-20001013ADO
43	WCPX-TV	CHICAGO IL	139.1	LIC	BLCDT	-20010226ABH
43	WCPX-TV	CHICAGO IL	137.3	APP	BPCDT	-20080619AIL
43	WWRS-TV	MAYVILLE WI	60.2	APP	BPCDT	-20080618ATT
43	WWRS-TV	MAYVILLE WI	60.2	LIC	BLCDT	-20050825AEW
44	WLS-TV	CHICAGO IL	139.1	APP	BDSTA	-20091026ACS
45	WSNS-TV	CHICAGO IL	139.1	CP	BPCDT	-20080620AMW
45	WSNS-TV	CHICAGO IL	139.1	LIC	BLCDT	-20010612AIB
48	WBME-TV	RACINE WI	0.0	LIC	BLCDT	-20090807ACD
49	WMSN-TV	MADISON WI	130.4	LIC	BLCDT	-20101223ABD
49	WMSN-DR	MADISON WI	130.4	APP	BPRM	-20080620AOW
44	WLS-TV	CHICAGO IL	139.1	PLN	DTVPLN	-DTVPL1568

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.
41	WMLW-CA	MILWAUKEE WI	BLTTA	-20021002AAA

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
33	WITI	MILWAUKEE WI	3.6	LIC	BLCDDT	-20091106AEL
34	WISN-TV	MILWAUKEE WI	0.2	LIC	BLCDDT	-20101104AAA
38	WGBD-TV	JOLIET IL	137.1	LIC	BLCDDT	-20100709AJT
39	WFRV-TV	GREEN BAY WI	135.9	LIC	BLCDDT	-20051004ABD
39	WFRV-TV	GREEN BAY WI	135.9	LIC	BPRM	-20010806ACL
40	WPXE-TV	KENOSHA WI	2.8	LIC	BLCDDT	-20040206AAT
41	KGCW	BURLINGTON IA	323.3	LIC	BLCDDT	-20081120ABD
41	WICD	CHAMPAIGN IL	338.1	LIC	BLCDDT	-20050620AAO
41	WIFR	FREEDPORT IL	135.9	LIC	BLCDDT	-20041012AIQ
41	WIFR	FREEDPORT IL	135.9	CP MOD	BMPCDDT	-20050103AFQ
41	WIFR-DR	FREEDPORT IL	135.9	APP	BPRM	-20080620AOH
41	WIFR	FREEDPORT IL	135.9	CP MOD	BMPCDDT	-20081110ADQ
41	WXYZ-TV	DETROIT MI	388.3	LIC	BLCDDT	-20081222AAS
41	WGBA-TV	GREEN BAY WI	138.6	LIC	BLCDDT	-20080813ADO
41	WGBA-TV	GREEN BAY WI	138.6	CP MOD	BMPCDDT	-20080620AEI
41	NEW	LACROSSE WI	295.0	LIC	BPRM	-20001013ADO
43	WCPX-TV	CHICAGO IL	139.1	LIC	BLCDDT	-20010226ABH
43	WCPX-TV	CHICAGO IL	137.3	APP	BPCDDT	-20080619AIL
43	WWRS-TV	MAYVILLE WI	60.2	APP	BPCDDT	-20080618ATT
43	WWRS-TV	MAYVILLE WI	60.2	LIC	BLCDDT	-20050825AEW
44	WLS-TV	CHICAGO IL	139.1	APP	BDSTA	-20091026ACS
45	WSNS-TV	CHICAGO IL	139.1	CP	BPCDDT	-20080620AMW
45	WSNS-TV	CHICAGO IL	139.1	LIC	BLCDDT	-20010612AIB
48	WBME-TV	RACINE WI	0.0	LIC	BLCDDT	-20090807ACD
49	WMSN-TV	MADISON WI	130.4	LIC	BLCDDT	-20101223ABD
49	WMSN-TV	MADISON WI	130.4	APP	BPRM	-20080620AOW
44	WLS-TV	CHICAGO IL	139.1	PLN	DTVPLN	-DTVP1568

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.
43	WCPX-TV	CHICAGO IL	BLCDDT	-20010226ABH

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
42	WQRF-TV	ROCKFORD IL	134.5	LIC	BLCDDT	-20070404ABY
42	WNDU-TV	SOUTH BEND IN	121.9	LIC	BLCDDT	-20060717AAG
42	WNDU-TV	SOUTH BEND IN	121.8	CP	BPCDDT	-20080619AAB
43	KFXB-TV	DUBUQUE IA	255.8	LIC	BLCDDT	-20090528AEV

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43	WTVS	DETROIT MI	373.0	LIC	BLEDT	-20091014ACH
43	WWSR-TV	MAYVILLE WI	187.8	APP	BPCDT	-20080618ATT
43	WWSR-TV	MAYVILLE WI	187.8	LIC	BLCDDT	-20050825AEW
44	WLS-TV	CHICAGO IL	0.0	APP	BDSTA	-20091026ACS
44	WLS-TV	CHICAGO IL	0.0	PLN	DTVPLN	-DTVP1568

Proposal causes no interference

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Analysis of Interference to Affected Station 9

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
43	WCPX-TV	CHICAGO IL	BPCDT	-20080619AIL

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
42	WQRF-TV	ROCKFORD IL	133.9	LIC	BLCDDT	-20070404ABY
42	WNDU-TV	SOUTH BEND IN	122.3	LIC	BLCDDT	-20060717AAG
42	WNDU-TV	SOUTH BEND IN	122.3	CP	BPCDDT	-20080619AAB
43	KFXB-TV	DUBUQUE IA	255.3	LIC	BLCDDT	-20090528AEV
43	WTVS	DETROIT MI	372.7	LIC	BLEDT	-20091014ACH
43	WWSR-TV	MAYVILLE WI	186.1	APP	BPCDDT	-20080618ATT
43	WWSR-TV	MAYVILLE WI	186.1	LIC	BLCDDT	-20050825AEW
44	WLS-TV	CHICAGO IL	1.9	APP	BDSTA	-20091026ACS
44	WZPX-TV	BATTLE CREEK MI	228.5	LIC	BLCDDT	-20020510AAG
44	WLS-TV	CHICAGO IL	1.9	PLN	DTVPLN	-DTVP1568

Total scenarios = 4

Result key: 15

Scenario 1 Affected station 9

Before Analysis

Results for: 43A IL CHICAGO BPCDDT 20080619AIL APP

HAAT 510.0 m, ATV ERP 222.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	9329572	27351.1
not affected by terrain losses	9329361	27339.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	44851	795.0
lost to ATV IX only	44851	795.0
lost to all IX	44851	795.0

Potential Interfering Stations Included in above Scenario 1

42A IL ROCKFORD	BLCDDT	20070404ABY	LIC
42A IN SOUTH BEND	BLCDDT	20060717AAG	LIC
43A IA DUBUQUE	BLCDDT	20090528AEV	LIC
43A WI MAYVILLE	BLCDDT	20050825AEW	LIC

After Analysis

Results for: 43A IL CHICAGO BPCDDT 20080619AIL APP

HAAT 510.0 m, ATV ERP 222.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	9329572	27351.1

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not affected by terrain losses	9329361	27339.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	60396	843.2
lost to ATV IX only	60396	843.2
lost to all IX	60396	843.2

Potential Interfering Stations Included in above Scenario				1
42A IL ROCKFORD	BLCDT	20070404ABY	LIC	
42A IN SOUTH BEND	BLCDT	20060717AAG	LIC	
43A IA DUBUQUE	BLCDT	20090528AEV	LIC	
43A WI MAYVILLE	BLCDT	20050825AEW	LIC	
44A IL CHICAGO	BDSTA	20091026ACS	APP	

Percent new IX = 0.1674%

Result key: 16
 Scenario 2 Affected station 9
 Before Analysis
 Results for: 43A IL CHICAGO BPCDT 20080619AIL APP
 HAAT 510.0 m, ATV ERP 222.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	9329572	27351.1
not affected by terrain losses	9329361	27339.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	46437	879.3
lost to ATV IX only	46437	879.3
lost to all IX	46437	879.3

Potential Interfering Stations Included in above Scenario				2
42A IL ROCKFORD	BLCDT	20070404ABY	LIC	
42A IN SOUTH BEND	BPCDT	20080619AAB	CP	
43A IA DUBUQUE	BLCDT	20090528AEV	LIC	
43A WI MAYVILLE	BLCDT	20050825AEW	LIC	

After Analysis
 Results for: 43A IL CHICAGO BPCDT 20080619AIL APP
 HAAT 510.0 m, ATV ERP 222.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	9329572	27351.1
not affected by terrain losses	9329361	27339.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	61982	927.5
lost to ATV IX only	61982	927.5
lost to all IX	61982	927.5

Potential Interfering Stations Included in above Scenario				2
42A IL ROCKFORD	BLCDT	20070404ABY	LIC	
42A IN SOUTH BEND	BPCDT	20080619AAB	CP	
43A IA DUBUQUE	BLCDT	20090528AEV	LIC	
43A WI MAYVILLE	BLCDT	20050825AEW	LIC	
44A IL CHICAGO	BDSTA	20091026ACS	APP	

Percent new IX = 0.1675%

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Result key: 17

Scenario 3 Affected station 9

Before Analysis

Results for: 43A IL CHICAGO BPCDT 20080619AIL APP

HAAT 510.0 m, ATV ERP 222.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	9329572	27351.1
not affected by terrain losses	9329361	27339.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	79679	1064.0
lost to ATV IX only	79679	1064.0
lost to all IX	79679	1064.0

Potential Interfering Stations Included in above Scenario 3

42A IL ROCKFORD	BLCDT	20070404ABY	LIC
42A IN SOUTH BEND	BLCDT	20060717AAG	LIC
43A IA DUBUQUE	BLCDT	20090528AEV	LIC
43A WI MAYVILLE	BPCDT	20080618ATT	APP

After Analysis

Results for: 43A IL CHICAGO BPCDT 20080619AIL APP

HAAT 510.0 m, ATV ERP 222.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	9329572	27351.1
not affected by terrain losses	9329361	27339.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	93846	1108.2
lost to ATV IX only	93846	1108.2
lost to all IX	93846	1108.2

Potential Interfering Stations Included in above Scenario 3

42A IL ROCKFORD	BLCDT	20070404ABY	LIC
42A IN SOUTH BEND	BLCDT	20060717AAG	LIC
43A IA DUBUQUE	BLCDT	20090528AEV	LIC
43A WI MAYVILLE	BPCDT	20080618ATT	APP
44A IL CHICAGO	BDSTA	20091026ACS	APP

Percent new IX = 0.1532%

Result key: 18

Scenario 4 Affected station 9

Before Analysis

Results for: 43A IL CHICAGO BPCDT 20080619AIL APP

HAAT 510.0 m, ATV ERP 222.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	9329572	27351.1
not affected by terrain losses	9329361	27339.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	81265	1148.3
lost to ATV IX only	81265	1148.3
lost to all IX	81265	1148.3

Potential Interfering Stations Included in above Scenario 4

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42A IL ROCKFORD	BLCDT	20070404ABY	LIC
42A IN SOUTH BEND	BPCDT	20080619AAB	CP
43A IA DUBUQUE	BLCDT	20090528AEV	LIC
43A WI MAYVILLE	BPCDT	20080618ATT	APP

After Analysis

Results for: 43A IL CHICAGO BPCDT 20080619AIL APP

HAAT 510.0 m, ATV ERP 222.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	9329572	27351.1
not affected by terrain losses	9329361	27339.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	95432	1192.5
lost to ATV IX only	95432	1192.5
lost to all IX	95432	1192.5

Potential Interfering Stations Included in above Scenario 4

42A IL ROCKFORD	BLCDT	20070404ABY	LIC
42A IN SOUTH BEND	BPCDT	20080619AAB	CP
43A IA DUBUQUE	BLCDT	20090528AEV	LIC
43A WI MAYVILLE	BPCDT	20080618ATT	APP
44A IL CHICAGO	BDSTA	20091026ACS	APP

Percent new IX = 0.1532%

Worst case new IX 0.1675% Scenario 2

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Analysis of Interference to Affected Station 10

Analysis of current record

Channel	Call	City/State	Application Ref. No.
43	WWRS-TV	MAYVILLE WI	BPCDT -20080618ATT

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
42	WQRF-TV	ROCKFORD IL	138.1	LIC	BLCDT -20070404ABY
42	WPNE-TV	GREEN BAY WI	116.0	LIC	BMLEDT -20040818AAP
43	KFXB-TV	DUBUQUE IA	198.4	LIC	BLCDT -20090528AEV
43	WCPX-TV	CHICAGO IL	187.8	LIC	BLCDT -20010226ABH
43	WCPX-TV	CHICAGO IL	186.1	APP	BPCDT -20080619AIL
44	WLS-TV	CHICAGO IL	187.8	APP	BDSTA -20091026ACS
44	WLS-TV	CHICAGO IL	187.8	PLN	DTVPLN -DTVPL1568

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.
43	WWRS-TV	MAYVILLE WI	BLCDT -20050825AEW

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Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
42	WQRF-TV	ROCKFORD IL	138.1	LIC	BLCDDT	-20070404ABY
42	WPNE-TV	GREEN BAY WI	116.0	LIC	BMLEDT	-20040818AAP
43	KFXB-TV	DUBUQUE IA	198.4	LIC	BLCDDT	-20090528AEV
43	WCPX-TV	CHICAGO IL	187.8	LIC	BLCDDT	-20010226ABH
43	WCPX-TV	CHICAGO IL	186.1	APP	BPCDDT	-20080619AIL
44	WLS-TV	CHICAGO IL	187.8	APP	BDSTA	-20091026ACS
44	WLS-TV	CHICAGO IL	187.8	PLN	DTVPLN	-DTVP1568

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.
44	WDTI	INDIANAPOLIS IN	BLEDT	-20080519ABT

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
44	WRSP-TV	SPRINGFIELD IL	276.7	CP	BPCDDT	-20080620AGF
44	WRSP-TV	SPRINGFIELD IL	276.7	LIC	BLCDDT	-20050317ADQ
44	WLS-TV	CHICAGO IL	251.2	APP	BDSTA	-20091026ACS
44	WTSF	ASHLAND KY	366.5	LIC	BLCDDT	-20080512AEM
44	WKON	OWENTON KY	193.9	LIC	BLEDT	-20011121ABI
44	WZPX-TV	BATTLE CREEK MI	323.8	LIC	BLCDDT	-20020510AAG
44	WWJ-TV	DETROIT MI	380.7	LIC	BLCDDT	-20100419AAS
44	WTLW	LIMA OH	196.7	LIC	BLCDDT	-20081209AAB
44	WJFB	LEBANON TN	406.8	CP	BPCDDT	-20080619AAQ
44	WJFB	LEBANON TN	416.1	LIC	BLCDDT	-20070813ABW
45	WXIN	INDIANAPOLIS IN	0.7	LIC	BLCDDT	-20090921ACE
44	WLS-TV	CHICAGO IL	251.2	PLN	DTVPLN	-DTVP1568

Total scenarios = 2

Result key: 19

Scenario 1 Affected station 12

Before Analysis

Results for: 44A IN INDIANAPOLIS BLEDT 20080519ABT LIC

HAAT 293.0 m, ATV ERP 28.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1858633	15433.7
not affected by terrain losses	1858176	15397.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	17760	243.6
lost to ATV IX only	17760	243.6
lost to all IX	17760	243.6

Potential Interfering Stations Included in above Scenario 1

44A IL SPRINGFIELD	BPCDDT	20080620AGF	CP
44A KY OWENTON	BLEDT	20011121ABI	LIC
44A OH LIMA	BLCDDT	20081209AAB	LIC
45A IN INDIANAPOLIS	BLCDDT	20090921ACE	LIC

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After Analysis

Results for: 44A IN INDIANAPOLIS BLEDT 20080519ABT LIC

HAAT 293.0 m, ATV ERP 28.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1858633	15433.7
not affected by terrain losses	1858176	15397.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	17760	243.6
lost to ATV IX only	17760	243.6
lost to all IX	17760	243.6

Potential Interfering Stations Included in above Scenario 1

44A IL SPRINGFIELD	BPCDT	20080620AGF	CP
44A KY OWENTON	BLEDT	20011121ABI	LIC
44A OH LIMA	BLCDT	20081209AAB	LIC
45A IN INDIANAPOLIS	BLCDT	20090921ACE	LIC

Percent new IX = 0.0000%

Result key: 20

Scenario 2 Affected station 12

Before Analysis

Results for: 44A IN INDIANAPOLIS BLEDT 20080519ABT LIC

HAAT 293.0 m, ATV ERP 28.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1858633	15433.7
not affected by terrain losses	1858176	15397.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	17279	223.7
lost to ATV IX only	17279	223.7
lost to all IX	17279	223.7

Potential Interfering Stations Included in above Scenario 2

44A IL SPRINGFIELD	BLCDT	20050317ADQ	LIC
44A KY OWENTON	BLEDT	20011121ABI	LIC
44A OH LIMA	BLCDT	20081209AAB	LIC
45A IN INDIANAPOLIS	BLCDT	20090921ACE	LIC

After Analysis

Results for: 44A IN INDIANAPOLIS BLEDT 20080519ABT LIC

HAAT 293.0 m, ATV ERP 28.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1858633	15433.7
not affected by terrain losses	1858176	15397.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	17279	223.7
lost to ATV IX only	17279	223.7
lost to all IX	17279	223.7

Potential Interfering Stations Included in above Scenario 2

44A IL SPRINGFIELD	BLCDT	20050317ADQ	LIC
44A KY OWENTON	BLEDT	20011121ABI	LIC
44A OH LIMA	BLCDT	20081209AAB	LIC

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45A IN INDIANAPOLIS BLCDT 20090921ACE LIC

Percent new IX = 0.0000%
Worst case new IX 0.0000% Scenario 1

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Analysis of Interference to Affected Station 13

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
44	WDTI	INDIANAPOLIS IN	BPEDT	-20080617AEQ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
44	WRSP-TV	SPRINGFIELD IL	276.7	CP	BPCDT	-20080620AGF
44	WRSP-TV	SPRINGFIELD IL	276.7	LIC	BLCDT	-20050317ADQ
44	WLS-TV	CHICAGO IL	251.2	APP	BDSTA	-20091026ACS
44	WTSF	ASHLAND KY	366.5	LIC	BLCDT	-20080512AEM
44	WKON	OWENTON KY	193.9	LIC	BLEDT	-20011121ABI
44	WZPX-TV	BATTLE CREEK MI	323.8	LIC	BLCDT	-20020510AAG
44	WWJ-TV	DETROIT MI	380.7	LIC	BLCDT	-20100419AAS
44	WTLW	LIMA OH	196.7	LIC	BLCDT	-20081209AAB
44	WJFB	LEBANON TN	406.8	CP	BPCDT	-20080619AAQ
44	WJFB	LEBANON TN	416.1	LIC	BLCDT	-20070813ABW
45	WXIN	INDIANAPOLIS IN	0.7	LIC	BLCDT	-20090921ACE
44	WLS-TV	CHICAGO IL	251.2	PLN	DTVPLN	-DTVP1568

Total scenarios = 2

Result key: 21

Scenario 1 Affected station 13

Before Analysis

Results for: 44A IN INDIANAPOLIS BPEDT 20080617AEQ CP

HAAT 293.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2514247	26078.9
not affected by terrain losses	2499683	25871.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	12499	407.3
lost to ATV IX only	12499	407.3
lost to all IX	12499	407.3

Potential Interfering Stations Included in above Scenario 1

44A IL SPRINGFIELD	BPCDT	20080620AGF	CP
44A KY OWENTON	BLEDT	20011121ABI	LIC
44A OH LIMA	BLCDT	20081209AAB	LIC
45A IN INDIANAPOLIS	BLCDT	20090921ACE	LIC

After Analysis

Results for: 44A IN INDIANAPOLIS BPEDT 20080617AEQ CP

HAAT 293.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2514247	26078.9

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not affected by terrain losses	2499683	25871.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	12499	407.3
lost to ATV IX only	12499	407.3
lost to all IX	12499	407.3

Potential Interfering Stations Included in above Scenario				1
44A IL SPRINGFIELD	BPCDT	20080620AGF	CP	
44A KY OWENTON	BLEDT	20011121ABI	LIC	
44A OH LIMA	BLCDT	20081209AAB	LIC	
45A IN INDIANAPOLIS	BLCDT	20090921ACE	LIC	

Percent new IX = 0.0000%

Result key: 22

Scenario 2 Affected station 13

Before Analysis

Results for: 44A IN INDIANAPOLIS BPEDT 20080617AEQ CP
HAAT 293.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2514247	26078.9
not affected by terrain losses	2499683	25871.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	9914	251.6
lost to ATV IX only	9914	251.6
lost to all IX	9914	251.6

Potential Interfering Stations Included in above Scenario				2
44A IL SPRINGFIELD	BLCDT	20050317ADQ	LIC	
44A KY OWENTON	BLEDT	20011121ABI	LIC	
44A OH LIMA	BLCDT	20081209AAB	LIC	
45A IN INDIANAPOLIS	BLCDT	20090921ACE	LIC	

After Analysis

Results for: 44A IN INDIANAPOLIS BPEDT 20080617AEQ CP
HAAT 293.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2514247	26078.9
not affected by terrain losses	2499683	25871.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	9914	251.6
lost to ATV IX only	9914	251.6
lost to all IX	9914	251.6

Potential Interfering Stations Included in above Scenario				2
44A IL SPRINGFIELD	BLCDT	20050317ADQ	LIC	
44A KY OWENTON	BLEDT	20011121ABI	LIC	
44A OH LIMA	BLCDT	20081209AAB	LIC	
45A IN INDIANAPOLIS	BLCDT	20090921ACE	LIC	

Percent new IX = 0.0000%

Worst case new IX 0.0000% Scenario 1

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Analysis of Interference to Affected Station 14

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
44	WZPX-TV	BATTLE CREEK MI	BLCDT	-20020510AAG

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
43	WCPX-TV	CHICAGO IL	228.5	APP	BPCDT	-20080619AIL
43	WTVS	DETROIT MI	157.1	LIC	BLEDT	-20091014ACH
44	WLS-TV	CHICAGO IL	229.3	APP	BDSTA	-20091026ACS
44	WDTI	INDIANAPOLIS IN	323.8	LIC	BLEDT	-20080519ABT
44	WDTI	INDIANAPOLIS IN	323.8	CP	BPEDT	-20080617AEQ
44	WWJ-TV	DETROIT MI	157.1	LIC	BLCDT	-20100419AAS
44	WTLW	LIMA OH	225.2	LIC	BLCDT	-20081209AAB
45	WDIV-TV	DETROIT MI	153.8	APP	BPCDT	-20090324ABD
45	WDIV-TV	DETROIT MI	153.8	LIC	BLCDT	-20090624ABW
45	WLLA	KALAMAZOO MI	34.6	LIC	BLCDT	-20070529AEA
44	WLS-TV	CHICAGO IL	229.3	PLN	DTVPLN	-DTVP1568

Total scenarios = 1

Result key: 23

Scenario 1 Affected station 14

Before Analysis

Results for: 44A MI BATTLE CREEK BLCDT 20020510AAG LIC

HAAT 305.0 m, ATV ERP 212.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2003614	21515.3
not affected by terrain losses	2003503	21507.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	108950	1567.2
lost to ATV IX only	108950	1567.2
lost to all IX	108950	1567.2

Potential Interfering Stations Included in above Scenario 1

44A MI DETROIT	BLCDT	20100419AAS	LIC
45A MI KALAMAZOO	BLCDT	20070529AEA	LIC

After Analysis

Results for: 44A MI BATTLE CREEK BLCDT 20020510AAG LIC

HAAT 305.0 m, ATV ERP 212.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2003614	21515.3
not affected by terrain losses	2003503	21507.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	109618	1575.2
lost to ATV IX only	109618	1575.2
lost to all IX	109618	1575.2

Potential Interfering Stations Included in above Scenario 1

44A MI DETROIT	BLCDT	20100419AAS	LIC
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45A MI KALAMAZOO BLCDT 20070529AEA LIC
44A IL CHICAGO BDSTA 20091026ACS APP

Percent new IX = 0.0353%
Worst case new IX 0.0353% Scenario 1

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Analysis of Interference to Affected Station 15

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
44	WWJ-TV	DETROIT MI	BLCDT	-20100419AAS

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
43	WTVS	DETROIT MI	0.0	LIC	BLEDT	-20091014ACH
44	WLS-TV	CHICAGO IL	373.0	APP	BDSTA	-20091026ACS
44	WDTI	INDIANAPOLIS IN	380.7	LIC	BLEDT	-20080519ABT
44	WDTI	INDIANAPOLIS IN	380.7	CP	BPEDT	-20080617AEQ
44	WZPX-TV	BATTLE CREEK MI	157.1	LIC	BLCDT	-20020510AAG
44	WTLW	LIMA OH	205.2	LIC	BLCDT	-20081209AAB
45	WDIV-TV	DETROIT MI	4.7	APP	BPCDT	-20090324ABD
45	WDIV-TV	DETROIT MI	4.7	LIC	BLCDT	-20090624ABW
45	WLLA	KALAMAZOO MI	187.7	LIC	BLCDT	-20070529AEA
44	WLS-TV	CHICAGO IL	373.1	PLN	DTVPLN	-DTVP1568

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.
44	WTLW	LIMA OH	BLCDT	-20081209AAB

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
43	WTVS	DETROIT MI	205.2	LIC	BLEDT	-20091014ACH
44	WLS-TV	CHICAGO IL	313.7	APP	BDSTA	-20091026ACS
44	WDTI	INDIANAPOLIS IN	196.7	LIC	BLEDT	-20080519ABT
44	WDTI	INDIANAPOLIS IN	196.7	CP	BPEDT	-20080617AEQ
44	WTSF	ASHLAND KY	301.8	LIC	BLCDT	-20080512AEM
44	WKON	OWENTON KY	254.5	LIC	BLEDT	-20011121ABI
44	WZPX-TV	BATTLE CREEK MI	225.2	LIC	BLCDT	-20020510AAG
44	WWJ-TV	DETROIT MI	205.2	LIC	BLCDT	-20100419AAS
45	WXIN	INDIANAPOLIS IN	196.7	LIC	BLCDT	-20090921ACE
45	WDIV-TV	DETROIT MI	207.7	APP	BPCDT	-20090324ABD
45	WDIV-TV	DETROIT MI	207.7	LIC	BLCDT	-20090624ABW
45	WLLA	KALAMAZOO MI	226.5	LIC	BLCDT	-20070529AEA
44	WLS-TV	CHICAGO IL	313.8	PLN	DTVPLN	-DTVP1568

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.
45	WSNS-TV	CHICAGO IL	BPCDT	-20080620AMW

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
44	WLS-TV	CHICAGO IL	0.0	APP	BDSTA	-20091026ACS
45	WXIN	INDIANAPOLIS IN	251.9	LIC	BLCDDT	-20090921ACE
45	WDIV-TV	DETROIT MI	371.0	APP	BPCDDT	-20090324ABD
45	WDIV-TV	DETROIT MI	371.0	LIC	BLCDDT	-20090624ABW
45	WLLA	KALAMAZOO MI	194.8	LIC	BLCDDT	-20070529AEA
46	WTVP	PEORIA IL	213.1	LIC	BLEDT	-20040105ACV
46	WHME-TV	SOUTH BEND IN	126.4	CP	BPCDDT	-20090716AAZ
46	WHME-DR	SOUTH BEND IN	126.4	APP	BPRM	-20080619AET
46	WDJT-TV	MILWAUKEE WI	139.1	LIC	BLCDDT	-20050722ABL
44	WLS-TV	CHICAGO IL	0.0	PLN	DTVPLN	-DTVP1568

Total scenarios = 3

Result key: 24

Scenario 1 Affected station 17

Before Analysis

Results for: 45A IL CHICAGO BPCDDT 20080620AMW CP

HAAT 472.0 m, ATV ERP 665.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	9481680	30787.1
not affected by terrain losses	9481286	30763.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	60092	946.7
lost to ATV IX only	60092	946.7
lost to all IX	60092	946.7

Potential Interfering Stations Included in above Scenario 1

45A IN INDIANAPOLIS	BLCDDT	20090921ACE	LIC
45A MI KALAMAZOO	BLCDDT	20070529AEA	LIC
46A IN SOUTH BEND	BPCDDT	20090716AAZ	CP
46A WI MILWAUKEE	BLCDDT	20050722ABL	LIC

After Analysis

Results for: 45A IL CHICAGO BPCDDT 20080620AMW CP

HAAT 472.0 m, ATV ERP 665.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	9481680	30787.1
not affected by terrain losses	9481286	30763.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	60359	962.7
lost to ATV IX only	60359	962.7
lost to all IX	60359	962.7

Potential Interfering Stations Included in above Scenario 1

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45A IN INDIANAPOLIS	BLCDT	20090921ACE	LIC
45A MI KALAMAZOO	BLCDT	20070529AEA	LIC
46A IN SOUTH BEND	BPCDT	20090716AAZ	CP
46A WI MILWAUKEE	BLCDT	20050722ABL	LIC
44A IL CHICAGO	BDSTA	20091026ACS	APP

Percent new IX = 0.0028%

Result key: 25

Scenario 2 Affected station 17

Before Analysis

Results for: 45A IL CHICAGO BPCDT 20080620AMW CP

HAAT 472.0 m, ATV ERP 665.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	9481680	30787.1
not affected by terrain losses	9481286	30763.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	60290	950.7
lost to ATV IX only	60290	950.7
lost to all IX	60290	950.7

Potential Interfering Stations Included in above Scenario 2

45A IN INDIANAPOLIS	BLCDT	20090921ACE	LIC
45A MI KALAMAZOO	BLCDT	20070529AEA	LIC
46A IN SOUTH BEND	BPCDT	20090716AAZ	CP
46A IN SOUTH BEND	BPRM	20080619AET	APP
46A WI MILWAUKEE	BLCDT	20050722ABL	LIC

After Analysis

Results for: 45A IL CHICAGO BPCDT 20080620AMW CP

HAAT 472.0 m, ATV ERP 665.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	9481680	30787.1
not affected by terrain losses	9481286	30763.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	60557	966.7
lost to ATV IX only	60557	966.7
lost to all IX	60557	966.7

Potential Interfering Stations Included in above Scenario 2

45A IN INDIANAPOLIS	BLCDT	20090921ACE	LIC
45A MI KALAMAZOO	BLCDT	20070529AEA	LIC
46A IN SOUTH BEND	BPCDT	20090716AAZ	CP
46A IN SOUTH BEND	BPRM	20080619AET	APP
46A WI MILWAUKEE	BLCDT	20050722ABL	LIC
44A IL CHICAGO	BDSTA	20091026ACS	APP

Percent new IX = 0.0028%

Result key: 26

Scenario 3 Affected station 17

Before Analysis

Results for: 45A IL CHICAGO BPCDT 20080620AMW CP

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HAAT 472.0 m, ATV ERP 665.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	9481680	30787.1
not affected by terrain losses	9481286	30763.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	60092	946.7
lost to ATV IX only	60092	946.7
lost to all IX	60092	946.7

Potential Interfering Stations Included in above Scenario 3

45A IN INDIANAPOLIS	BLCDT	20090921ACE	LIC
45A MI KALAMAZOO	BLCDT	20070529AEA	LIC
46A IN SOUTH BEND	BPCDT	20090716AAZ	CP
46A WI MILWAUKEE	BLCDT	20050722ABL	LIC

After Analysis

Results for: 45A IL CHICAGO BPCDT 20080620AMW CP

HAAT 472.0 m, ATV ERP 665.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	9481680	30787.1
not affected by terrain losses	9481286	30763.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	60359	962.7
lost to ATV IX only	60359	962.7
lost to all IX	60359	962.7

Potential Interfering Stations Included in above Scenario 3

45A IN INDIANAPOLIS	BLCDT	20090921ACE	LIC
45A MI KALAMAZOO	BLCDT	20070529AEA	LIC
46A IN SOUTH BEND	BPCDT	20090716AAZ	CP
46A WI MILWAUKEE	BLCDT	20050722ABL	LIC
44A IL CHICAGO	BDSTA	20091026ACS	APP

Percent new IX = 0.0028%

Worst case new IX 0.0028% Scenario 2

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Analysis of Interference to Affected Station 18

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
45	WSNS-TV	CHICAGO IL	BLCDT	-20010612AIB

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
44	WLS-TV	CHICAGO IL	0.0	APP	BDSTA	-20091026ACS
45	WXIN	INDIANAPOLIS IN	251.9	LIC	BLCDT	-20090921ACE
45	WDIV-TV	DETROIT MI	371.0	APP	BPCDT	-20090324ABD
45	WDIV-TV	DETROIT MI	371.0	LIC	BLCDT	-20090624ABW
45	WLLA	KALAMAZOO MI	194.8	LIC	BLCDT	-20070529AEA
46	WTVP	PEORIA IL	213.1	LIC	BLEDT	-20040105ACV
46	WHME-TV	SOUTH BEND IN	126.4	CP	BPCDT	-20090716AAZ

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46	WHME-DR	SOUTH BEND IN	126.4	APP	BPRM	-20080619AET
46	WDJT-TV	MILWAUKEE WI	139.1	LIC	BLCDT	-20050722ABL
44	WLS-TV	CHICAGO IL	0.0	PLN	DTVPLN	-DTVP1568

Total scenarios = 3

Result key: 27

Scenario 1 Affected station 18

Before Analysis

Results for: 45A IL CHICAGO BLCDT 20010612AIB LIC

HAAT 472.0 m, ATV ERP 467.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	9417710	28926.9
not affected by terrain losses	9417608	28914.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	53393	766.2
lost to ATV IX only	53393	766.2
lost to all IX	53393	766.2

Potential Interfering Stations Included in above Scenario 1

45A IN INDIANAPOLIS	BLCDT	20090921ACE	LIC
46A IN SOUTH BEND	BPCDT	20090716AAZ	CP
46A WI MILWAUKEE	BLCDT	20050722ABL	LIC

After Analysis

Results for: 45A IL CHICAGO BLCDT 20010612AIB LIC

HAAT 472.0 m, ATV ERP 467.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	9417710	28926.9
not affected by terrain losses	9417608	28914.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	57603	790.3
lost to ATV IX only	57603	790.3
lost to all IX	57603	790.3

Potential Interfering Stations Included in above Scenario 1

45A IN INDIANAPOLIS	BLCDT	20090921ACE	LIC
46A IN SOUTH BEND	BPCDT	20090716AAZ	CP
46A WI MILWAUKEE	BLCDT	20050722ABL	LIC
44A IL CHICAGO	BDSTA	20091026ACS	APP

Percent new IX = 0.0450%

Result key: 28

Scenario 2 Affected station 18

Before Analysis

Results for: 45A IL CHICAGO BLCDT 20010612AIB LIC

HAAT 472.0 m, ATV ERP 467.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	9417710	28926.9
not affected by terrain losses	9417608	28914.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	53393	766.2
lost to ATV IX only	53393	766.2

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lost to all IX 53393 766.2

Potential Interfering Stations Included in above Scenario 2

45A IN INDIANAPOLIS	BLCDT	20090921ACE	LIC
46A IN SOUTH BEND	BPCDT	20090716AAZ	CP
46A IN SOUTH BEND	BPRM	20080619AET	APP
46A WI MILWAUKEE	BLCDT	20050722ABL	LIC

After Analysis

Results for: 45A IL CHICAGO BLCDT 20010612AIB LIC

HAAT 472.0 m, ATV ERP 467.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	9417710	28926.9
not affected by terrain losses	9417608	28914.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	57603	790.3
lost to ATV IX only	57603	790.3
lost to all IX	57603	790.3

Potential Interfering Stations Included in above Scenario 2

45A IN INDIANAPOLIS	BLCDT	20090921ACE	LIC
46A IN SOUTH BEND	BPCDT	20090716AAZ	CP
46A IN SOUTH BEND	BPRM	20080619AET	APP
46A WI MILWAUKEE	BLCDT	20050722ABL	LIC
44A IL CHICAGO	BDSTA	20091026ACS	APP

Percent new IX = 0.0450%

Result key: 29

Scenario 3 Affected station 18

Before Analysis

Results for: 45A IL CHICAGO BLCDT 20010612AIB LIC

HAAT 472.0 m, ATV ERP 467.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	9417710	28926.9
not affected by terrain losses	9417608	28914.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	53393	766.2
lost to ATV IX only	53393	766.2
lost to all IX	53393	766.2

Potential Interfering Stations Included in above Scenario 3

45A IN INDIANAPOLIS	BLCDT	20090921ACE	LIC
46A IN SOUTH BEND	BPCDT	20090716AAZ	CP
46A WI MILWAUKEE	BLCDT	20050722ABL	LIC

After Analysis

Results for: 45A IL CHICAGO BLCDT 20010612AIB LIC

HAAT 472.0 m, ATV ERP 467.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	9417710	28926.9
not affected by terrain losses	9417608	28914.9
lost to NTSC IX	0	0.0

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lost to additional IX by ATV	57603	790.3
lost to ATV IX only	57603	790.3
lost to all IX	57603	790.3

Potential Interfering Stations Included in above Scenario 3

45A IN INDIANAPOLIS	BLCDT	20090921ACE	LIC
46A IN SOUTH BEND	BPCDT	20090716AAZ	CP
46A WI MILWAUKEE	BLCDT	20050722ABL	LIC
44A IL CHICAGO	BDSTA	20091026ACS	APP

Percent new IX = 0.0450%
Worst case new IX 0.0450% Scenario 1

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Analysis of Interference to Affected Station 19

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
45	WLLA	KALAMAZOO MI	BLCDT	-20070529AEA

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
44	WLS-TV	CHICAGO IL	194.7	APP	BDSTA	-20091026ACS
44	WZPX-TV	BATTLE CREEK MI	34.6	LIC	BLCDT	-20020510AAG
44	WWJ-TV	DETROIT MI	187.7	LIC	BLCDT	-20100419AAS
44	WTLW	LIMA OH	226.5	LIC	BLCDT	-20081209AAB
45	WSNS-TV	CHICAGO IL	194.8	CP	BPCDT	-20080620AMW
45	WSNS-TV	CHICAGO IL	194.8	LIC	BLCDT	-20010612AIB
45	WXIN	INDIANAPOLIS IN	303.8	LIC	BLCDT	-20090921ACE
45	WDIV-TV	DETROIT MI	184.8	APP	BPCDT	-20090324ABD
45	WDIV-TV	DETROIT MI	184.8	LIC	BLCDT	-20090624ABW
45	WFUP	VANDERBILT MI	295.1	LIC	BLCDT	-20091217ACW
45	WNEO	ALLIANCE OH	419.7	LIC	BLEDT	-20090129AAN
46	WHME-TV	SOUTH BEND IN	122.3	CP	BPCDT	-20090716AAZ
46	WHME-DR	SOUTH BEND IN	122.3	APP	BPRM	-20080619AET
46	WBSF	BAY CITY MI	165.5	LIC	BLCDT	-20090622AFF
46	WUPW	TOLEDO OH	194.3	LIC	BLCDT	-20030411AAF
46	WUPW	TOLEDO OH	194.3	CP	BPCDT	-20080619AJB
46	WDJT-TV	MILWAUKEE WI	210.4	LIC	BLCDT	-20050722ABL
44	WLS-TV	CHICAGO IL	194.8	PLN	DTVPLN	-DTVP1568

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 20

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
48	WMEU-CA	BLUE ISLAND IL	BLTTA	-20041008AAN

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Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
41	WIFR	FREEPORT IL	137.8	LIC	BLCDDT	-20041012AIQ
41	WIFR	FREEPORT IL	137.8	CP MOD	BMPCDDT	-20050103AFQ
41	WIFR-DR	FREEPORT IL	137.8	APP	BPRM	-20080620AOH
41	WIFR	FREEPORT IL	137.8	CP MOD	BMPCDDT	-20081110ADQ
44	WLS-TV	CHICAGO IL	42.2	APP	BDSTA	-20091026ACS
45	WSNS-TV	CHICAGO IL	42.2	CP	BPCDDT	-20080620AMW
45	WSNS-TV	CHICAGO IL	42.2	LIC	BLCDDT	-20010612AIB
46	WHME-TV	SOUTH BEND IN	141.0	CP	BPCDDT	-20090716AAZ
46	WHME-DR	SOUTH BEND IN	141.0	APP	BPRM	-20080619AET
47	WTTW	CHICAGO IL	42.2	LIC	BLEDT	-20020408ABK
48	WCIA	CHAMPAIGN IL	166.7	LIC	BLCDDT	-20070612ABY
48	WTTV	BLOOMINGTON IN	277.2	LIC	BLCDDT	-20060630ACD
48	WTTV	BLOOMINGTON IN	277.2	CP	BPCDDT	-20100324AAF
48	WTTV-DR	BLOOMINGTON IN	277.2	LIC	BPRM	-20030820AEO
48	WHME-TV	SOUTH BEND IN	141.0	LIC	BLCDDT	-20060109ABG
48	WAQP	SAGINAW MI	363.9	LIC	BLCDDT	-20060824ADS
48	WXOW	LA CROSSE WI	382.1	LIC	BLCDDT	-20090622ACY
48	WXOW-DR	LA CROSSE WI	382.1	APP	BPRM	-20080620AOE
48	WBME-TV	RACINE WI	175.2	LIC	BLCDDT	-20090807ACD
50	WXFT-DT	AURORA IL	42.2	LIC	BLCDDT	-20101116BHE
51	WPWR-TV	GARY IN	42.2	LIC	BLCDDT	-20050425ACE
44	WLS-TV	CHICAGO IL	42.2	PLN	DTVPLN	-DTVPL1568

Proposal causes no interference

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Analysis of Interference to Affected Station 21

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
48	WMEU-CA	CHICAGO IL	BMPTTA	-20110317ABS

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
40	WPXE-TV	KENOSHA WI	137.0	LIC	BLCDDT	-20040206AAT
41	WIFR	FREEPORT IL	134.8	LIC	BLCDDT	-20041012AIQ
41	WIFR	FREEPORT IL	134.8	CP MOD	BMPCDDT	-20050103AFQ
41	WIFR-DR	FREEPORT IL	134.8	APP	BPRM	-20080620AOH
41	WIFR	FREEPORT IL	134.8	CP MOD	BMPCDDT	-20081110ADQ
44	WLS-TV	CHICAGO IL	0.0	APP	BDSTA	-20091026ACS
45	WSNS-TV	CHICAGO IL	0.0	CP	BPCDDT	-20080620AMW
45	WSNS-TV	CHICAGO IL	0.0	LIC	BLCDDT	-20010612AIB
46	WHME-TV	SOUTH BEND IN	126.4	CP	BPCDDT	-20090716AAZ
46	WHME-DR	SOUTH BEND IN	126.4	APP	BPRM	-20080619AET
46	WDJT-TV	MILWAUKEE WI	139.1	LIC	BLCDDT	-20050722ABL
47	WTTW	CHICAGO IL	0.0	LIC	BLEDT	-20020408ABK
48	WCIA	CHAMPAIGN IL	208.6	LIC	BLCDDT	-20070612ABY
48	WTTV	BLOOMINGTON IN	302.0	LIC	BLCDDT	-20060630ACD
48	WTTV	BLOOMINGTON IN	302.0	CP	BPCDDT	-20100324AAF
48	WTTV-DR	BLOOMINGTON IN	302.0	LIC	BPRM	-20030820AEO
48	WHME-TV	SOUTH BEND IN	126.4	LIC	BLCDDT	-20060109ABG

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48	WAQP	SAGINAW MI	329.1	LIC	BLCDT	-20060824ADS
48	WXOW	LA CROSSE WI	371.9	LIC	BLCDT	-20090622ACY
48	WXOW-DR	LA CROSSE WI	371.9	APP	BPRM	-20080620AOE
48	WBME-TV	RACINE WI	139.1	LIC	BLCDT	-20090807ACD
49	WOCH-CA	CHICAGO IL	2.5	CP MOD	BMPDTA	-20100409AAK
50	WXFT-DT	AURORA IL	0.0	LIC	BLCDT	-20101116BHE
51	WPWR-TV	GARY IN	0.0	LIC	BLCDT	-20050425ACE
44	WLS-TV	CHICAGO IL	0.0	PLN	DTVPLN	-DTVP1568

Total scenarios = 2

Result key: 30

Scenario 1 Affected station 21

Before Analysis

Results for: 48N IL CHICAGO		BMP TTA	20110317ABS	CP
	POPULATION	AREA (sq km)		
within Noise Limited Contour	1043632	269.2		
not affected by terrain losses	1043632	269.2		
lost to NTSC IX	0	0.0		
lost to additional IX by ATV	1017123	261.2		
lost to all IX	1017123	261.2		

Potential Interfering Stations Included in above Scenario 1

45A IL CHICAGO	BPCDT	20080620AMW	CP
47A IL CHICAGO	BLEDT	20020408ABK	LIC
48A WI RACINE	BLCDT	20090807ACD	LIC
49A IL CHICAGO	BMPDTA	20100409AAK	CP
50A IL AURORA	BLCDT	20101116BHE	LIC
51A IN GARY	BLCDT	20050425ACE	LIC

After Analysis

Results for: 48N IL CHICAGO		BMP TTA	20110317ABS	CP
	POPULATION	AREA (sq km)		
within Noise Limited Contour	1043632	269.2		
not affected by terrain losses	1043632	269.2		
lost to NTSC IX	0	0.0		
lost to additional IX by ATV	1017123	261.2		
lost to all IX	1017123	261.2		

Potential Interfering Stations Included in above Scenario 1

45A IL CHICAGO	BPCDT	20080620AMW	CP
47A IL CHICAGO	BLEDT	20020408ABK	LIC
48A WI RACINE	BLCDT	20090807ACD	LIC
49A IL CHICAGO	BMPDTA	20100409AAK	CP
50A IL AURORA	BLCDT	20101116BHE	LIC
51A IN GARY	BLCDT	20050425ACE	LIC
44A IL CHICAGO	BDSTA	20091026ACS	APP

Percent new IX = 0.0000%

Result key: 31

Scenario 2 Affected station 21

Before Analysis

Results for: 48N IL CHICAGO		BMP TTA	20110317ABS	CP
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	POPULATION	AREA (sq km)
within Noise Limited Contour	1043632	269.2
not affected by terrain losses	1043632	269.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1017123	261.2
lost to all IX	1017123	261.2

Potential Interfering Stations Included in above Scenario 2

45A IL CHICAGO	BLCDT	20010612AIB	LIC
47A IL CHICAGO	BLEDT	20020408ABK	LIC
48A WI RACINE	BLCDT	20090807ACD	LIC
49A IL CHICAGO	BMPDTA	20100409AAK	CP
50A IL AURORA	BLCDT	20101116BHE	LIC
51A IN GARY	BLCDT	20050425ACE	LIC

After Analysis

Results for: 48N IL CHICAGO

	BMPDTA	20110317ABS	CP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1043632	269.2	
not affected by terrain losses	1043632	269.2	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	1017123	261.2	
lost to all IX	1017123	261.2	

Potential Interfering Stations Included in above Scenario 2

45A IL CHICAGO	BLCDT	20010612AIB	LIC
47A IL CHICAGO	BLEDT	20020408ABK	LIC
48A WI RACINE	BLCDT	20090807ACD	LIC
49A IL CHICAGO	BMPDTA	20100409AAK	CP
50A IL AURORA	BLCDT	20101116BHE	LIC
51A IN GARY	BLCDT	20050425ACE	LIC
44A IL CHICAGO	BDSTA	20091026ACS	APP

Percent new IX = 0.0000%

Worst case new IX 0.0000% Scenario 1

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Analysis of Interference to Affected Station 22

Analysis of current record

Channel	Call	City/State	Application Ref. No.
44	WLS-TV	CHICAGO IL	BDSTA -20091026ACS

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
44	WRSP-TV	SPRINGFIELD IL	276.8	CP	BPCDT -20080620AGF
44	WRSP-TV	SPRINGFIELD IL	276.8	LIC	BLCDT -20050317ADQ
43	WCPX-TV	CHICAGO IL	0.0	LIC	BLCDT -20010226ABH
43	WCPX-TV	CHICAGO IL	1.9	APP	BPCDT -20080619AIL
43	WWRS-TV	MAYVILLE WI	187.8	APP	BPCDT -20080618ATT
43	WWRS-TV	MAYVILLE WI	187.8	LIC	BLCDT -20050825AEW
44	WDTI	INDIANAPOLIS IN	251.2	LIC	BLEDT -20080519ABT

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44	WDTI	INDIANAPOLIS IN	251.2	CP	BPEDT	-20080617AEQ
44	WZPX-TV	BATTLE CREEK MI	229.3	LIC	BLCDT	-20020510AAG
44	WWJ-TV	DETROIT MI	373.0	LIC	BLCDT	-20100419AAS
44	WTLW	LIMA OH	313.7	LIC	BLCDT	-20081209AAB
45	WSNS-TV	CHICAGO IL	0.0	CP	BPCDT	-20080620AMW
45	WSNS-TV	CHICAGO IL	0.0	LIC	BLCDT	-20010612AIB
45	WLLA	KALAMAZOO MI	194.7	LIC	BLCDT	-20070529AEA

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