

ENGINEERING EXHIBIT

**WLS TELEVISION, INC.
ENGINEERING EXHIBIT IN SUPPORT OF AN
APPLICATION FOR MODIFICATION OF CONSTRUCTION PERMIT
CHANNEL 44 – 1000 KW (DA MAX) – 518 METERS HAAT**

CHICAGO, ILLINOIS

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ENGINEERING EXHIBIT

WLS TELEVISION, INC., ENGINEERING EXHIBIT IN SUPPORT OF AN APPLICATION FOR MODIFICATION OF CONSTRUCTION PERMIT CHANNEL 44 – 1000 KW (DA MAX) – 518 METERS HAAT

CHICAGO, ILLINOIS

ENGINEERING STATEMENT

Introduction

WLS Television, Inc. (WLS) is the licensee of WLS-TV, Chicago, Illinois. WLS was licensed to operate NTSC analog facilities on channel 7 with an effective radiated power of 55 KW at a height above average terrain of 515 meters. FCC File Number BLCT-19820609KE describes the WLS-TV analog channel 7 facilities. This license describes the facilities that were used as the basis for DTV replication facilities.

In the Seventh Report and Order, WLS was assigned a post-transition DTV Allotment on Channel 7 of 3.2 KW at 515 meters HAAT with a directional antenna which bears Antenna ID 74590. WLS applied to increase ERP and use a non-directional antenna with 4.75 kW at 515 meters as described in the outstanding construction permit, BPCDT-20080529AJS. This HAAT is identical to the HAAT of the former main NTSC antenna.

WLS-TV began operation in October, 1943 and has been serving Chicago since that time. WLS-DT was first licensed in 2001 and began operation with its full Initial Allotment facility on channel 52 and continuously broadcast Digital Television signals until June 12, 2009. The DTV Construction Permit, FCC File Number BMPCDT-20000720ABN, and the subsequent license file number BLCDDT-20010109AAV describe the formerly licensed DTV transmission system which operated on channel 52.

The WLS initial allotment, channel 52, was out of core. WLS returned to its NTSC channel for post-transition operation. The experience of many WLS off-the-air-viewers prompted thousands of Chicago viewers, many who reside in densely populated urban areas to call the station or the FCC to seek assistance with their severe reception problems beginning on June 12, 2009, the day of the transition to post-transition DTV transmission. The experiences related to WLS by its viewers has caused WLS to evaluate all possible means to improve service to its viewers.

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In July, 2009, WLS petitioned the Commission for Rulemaking to substitute channel 44 for channel 7 for use at Chicago, Illinois. Through this application, WLS is making an initial application for the facilities described in RM-11553, MB Docket 09-146. The change to the Table of Allotments was effective September 22, 2009, the date the action on the final rule was published in the Federal Register.

Through this application, WLS seeks authority to construct a new channel 44 antenna which will replace the former channel 7 main antenna at the top of the East Mast of the Willis, Tower, specify a directional antenna with an ERP of 1000kW DA Max.

WLS has authorized the Carl T. Jones Corporation to prepare this statement and other materials, including TV Process interference studies in support of the instant application for Modification of Construction Permit on channel 44 in Chicago, Illinois.

Reference Coordinates

The proposed channel 44 WLS main antenna location is atop the east mast of the Willis (formerly Sears) Tower Building. The former NTSC channel 7 main antenna will be removed and replaced by the proposed channel 44 antenna. The Sears Tower Building, recently renamed Willis Tower, is located at 233 South Wacker Drive, Chicago, Illinois, within the city limits of Chicago, Illinois. This structure bears Antenna Structure Registration Number 1032960, and bears NAD 27 geographic coordinates as shown below:

North Latitude: 41° 52' 44" and West Longitude: 087° 38' 08"

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Through this application WLS-DT seeks a construction permit to increase the ERP of its post-transition DTV facilities on channel 44 with a directional antenna at an HAAT of 518 meters and an ERP of 1000 kW DA-Max.

The proposed antenna will be supported by a tower which bears Antenna Structure Registration Number 1032960. The antenna that is proposed is a Dielectric model TFU-19ETT/VP-R S140. This antenna has a directional azimuth pattern and was carefully engineered to obtain the most suitable elevation pattern to provide strong signals both nearby and at a distance from the transmitting antenna. Antenna data are contained in Exhibit 3 and the appropriate sections of FCC Form 301.

Largest Station in the Market

Exhibit 2 is a map, which compares the area of the proposed WLS channel 44 facilities to the licensed WPWR facilities over land. WPWR is shown to contain approximately 27990 square kilometers and WLS is shown to contain approximately 27790 square kilometers, some 200 square kilometers less than the WPWR protected contour. There are several meters difference in antenna height, with WPWR being slightly higher than the proposed WLS channel 44 antenna. The proposed WLS facility meets the requirements of Section 73.623(f)(5) and does not exceed the area of a larger station in the Chicago market.

The WLS-TV Main License Expiration Date

The WLS-TV Main License bears an expiration date of December 1, 2005. A timely application for renewal of the WLS licenses was filed with the Commission and bears FCC File number BRCT-20050801CUZ and was accepted for filing on August 9, 2005. The instant application is acceptable for filing pending a final determination by the Commission on the outstanding application for renewal of the WLS-TV/DT main license.

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Interference Calculation Methodology

The results of interference calculations that are contained in this engineering statement were obtained by Longley-Rice methods that are described in OET Bulletin 69, July 1997, as implemented in the Commission's TV Process software with 2 KM cell size. The post-transition data that were used for these calculations were obtained from the Commission's CDBS database. The population census data were obtained from the Year 2000 Census. This methodology and the associated Longley-Rice parameters and cell size are described in the Report and Order in the Third Periodic Review at Paragraph 155.

Protection to Post-Transition DTV Authorized Facilities and Allotments

The TV_Process calculations of new interference to other stations caused by the use of 1000 kW ERP at the proposed HAAT of 518 meters are summarized below:

43 WCPX, Chicago, IL	0.4725% Additional Interference
44 WRSP, Springfield, IL	0.2565% Additional Interference
44 WPTI, Indianapolis, IN	0.1643% Additional Interference
44 WZPX, Battle Creek, MI	0.1727% Additional Interference
45 WSNS, Chicago, IL	0.3338% Additional Interference

Protection to Nearby AM Stations

There is no AM station within 3.2 kilometers of the WLS-DT site.

Protection to FCC Monitoring Stations and Radio Astronomy Installations

Section 73.1030 defines criteria by which FCC Monitoring Stations and other protected receiving facilities are protected from changes to their radio receiving environment.

The nearest FCC Monitoring Station is located in Allegan, Michigan. It is located approximately 160 KM from the WLS transmission system. The greatest study distance for transmission systems that operate in the 650 to 656 MHz range is

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80 kilometers, per Section 73.1030(c)(3), and the distance to the monitoring station alone satisfies the requirements of Section 73.1030 to protect FCC Monitoring Stations.

The nearest protected receiving location is Green Bank, West Virginia. The large distance to the protected receiving location is sufficient to satisfy the requirement to protect this facility. This agrees with TV Process results which report the instant proposal needs no further consideration of protection to the Green Bank receiving location.

Principal Community Coverage

Exhibit 1 is a map which depicts the 48 dBu F(50:90) contour and demonstrates that the entire city of Chicago, Illinois is contained within this contour. This map also depicts the 41 dBu noise limited contour. This map clearly demonstrates compliance with the requirement to cover the city of license with a 48 dBu F(50:90) contour as outlined in Section 73.625(a)(1) of the Commission's Rules.

The proposed channel 44 facility will contain an area of 35,713.2 square *** kilometers and a population of 9,780,250 persons within the predicted 41 dBu contour. By contrast, the 4.75 KW channel 7 facility contains an area of 30,429.0 square kilometers and a population of 9,450,010 persons.

Environmental Considerations

The WLS Main Antenna is located on the Willis (formerly Sears) Tower East Mast, 233 South Wacker Drive, Chicago, Illinois, within the city limits of the City of Chicago, Illinois.

The WLS-TV proposed and present main transmitting antenna is situated at a shared site with several other television and FM radio broadcasting stations. The antennas associated with these broadcasting stations have been installed over a period of several decades, with much of the recent activity owing to the construction of DTV main and auxiliary antenna systems. Measurements of fields on the rooftop areas of the building were made by the consulting engineering firm of Markley and Associates.

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The measurements were performed at the building over the period of June 7 through 9, 2005. These measurements were made during normal operation of all broadcasting transmitters operating into their respective main antennas in accordance with the terms of their license.

Although many locations on the Willis (formerly Sears) Tower roof areas meet the Commission's requirements for Uncontrolled Areas, the roof areas on level 109 and level 110 are controlled areas for reasons of building security, liability and physical safety as well as RF safety. No person is allowed access without proper building pass cards and identification by the on-site security staff which is present on a continuous basis.

Strict access procedures are in-place that require advance notice for a non-emergency shut-down and a telephone notification procedure has been established for emergency shutdown situations.

As a tenant, WLS is subject to the Willis Tower RF Safety program. These RF Safety Procedures ensure that each broadcasting facility is compliant with requirements to operate with reduced power or to shut down as required by the location of the work. These procedures also define the requirements that workers and other persons who enter the area where the possibility exists that radiofrequency energy in excess of the limits found in the Commission's Rules wear personal RF exposure monitors and participate in RF safety awareness training. This program is revised when indicated by modification of facilities or replacements or addition of transmitting antennas. As new licensees begin or change operation the RF Safety Procedures are changed, if necessary, to reflect the current exposure levels and define the areas which are restricted to prevent accidental exposure of personnel. Data concerning the proposed post-transition channel 44 operation of WLS-DT will be supplied to the broadcast site management for consideration when the next revision of the RF Safety Procedures is made.

The WLS transmitter site as presently operating and the proposed post-transition channel 44 operation complies with Section 1.1307 and the limits of human exposure to radiofrequency energy that are found in Section 1.1310 of the Commission's rules.

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This conclusion is based upon RF exposure measurements made by the consulting engineering firm of Markley and Associates and analysis of work practices at the WLS-TV transmitter site at Willis (formerly Sears) Tower, taking into account all non-excluded transmitters at or around the site.

The WLS facilities as proposed and as presently authorized and operating, meet the Commission's requirements as described in the Rules, and as such, no Environmental Assessment is required for this location.

Conclusion

The proposed WLS-DT channel 44 post-transition DTV operation meets the requirements of the Commission's Rules for post-transition operation.

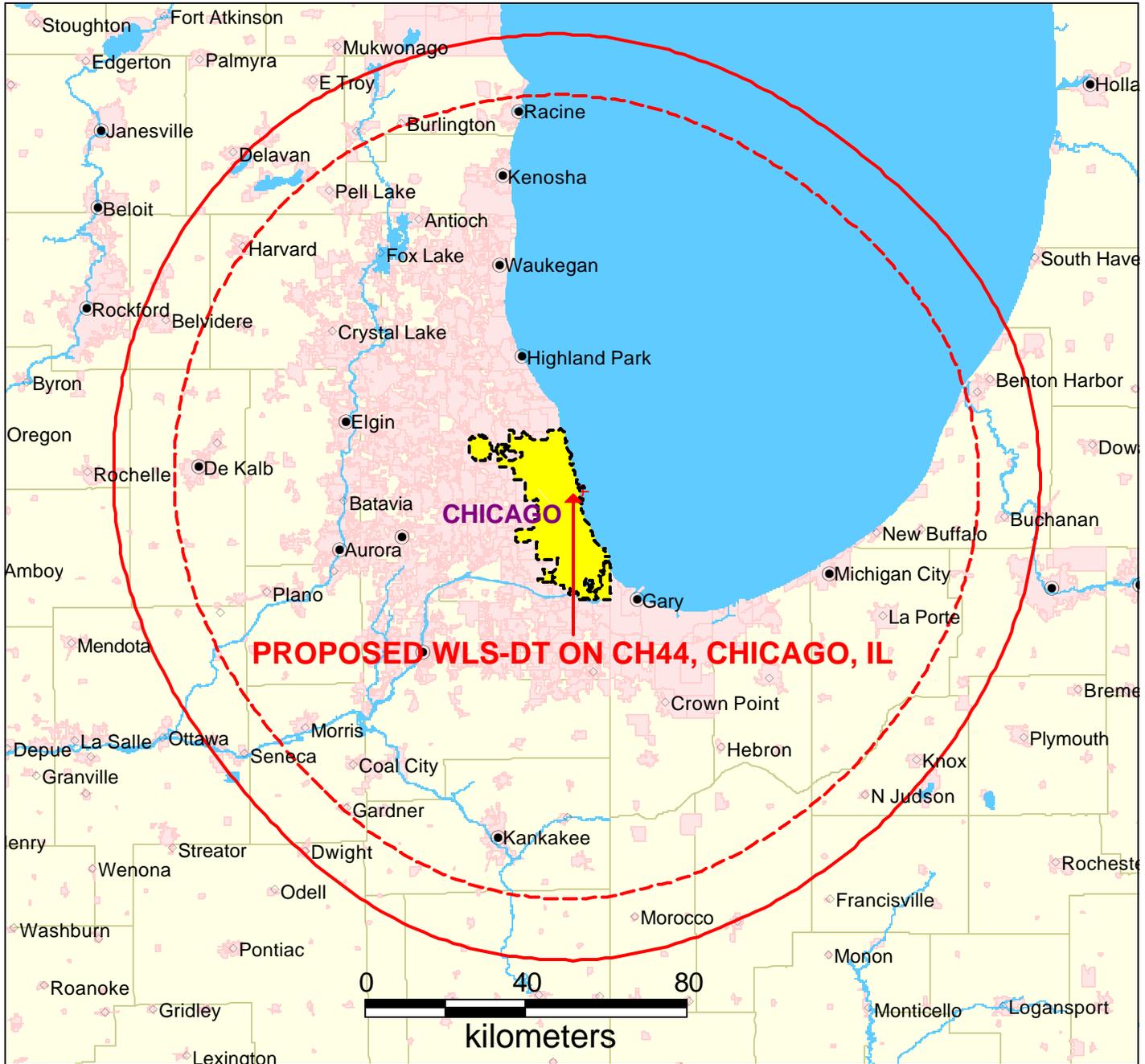
Certification

I certify that, on behalf of the WLS Television, Inc. the information in this statement was prepared by me or under my supervision with the assistance of Zar B. Aung, EIT. On behalf of the WLS Television, Inc., I have prepared or reviewed the information that is contained in this Statement, and that after such review and examination have found it to be accurate and true to the best of my knowledge and belief.



Signed: _____
Alfred E. Resnick, P. E.

Dated: March 28, 2011
Writer's telephone: 703 569-7704



PREDICTED COVERAGE CONTOURS

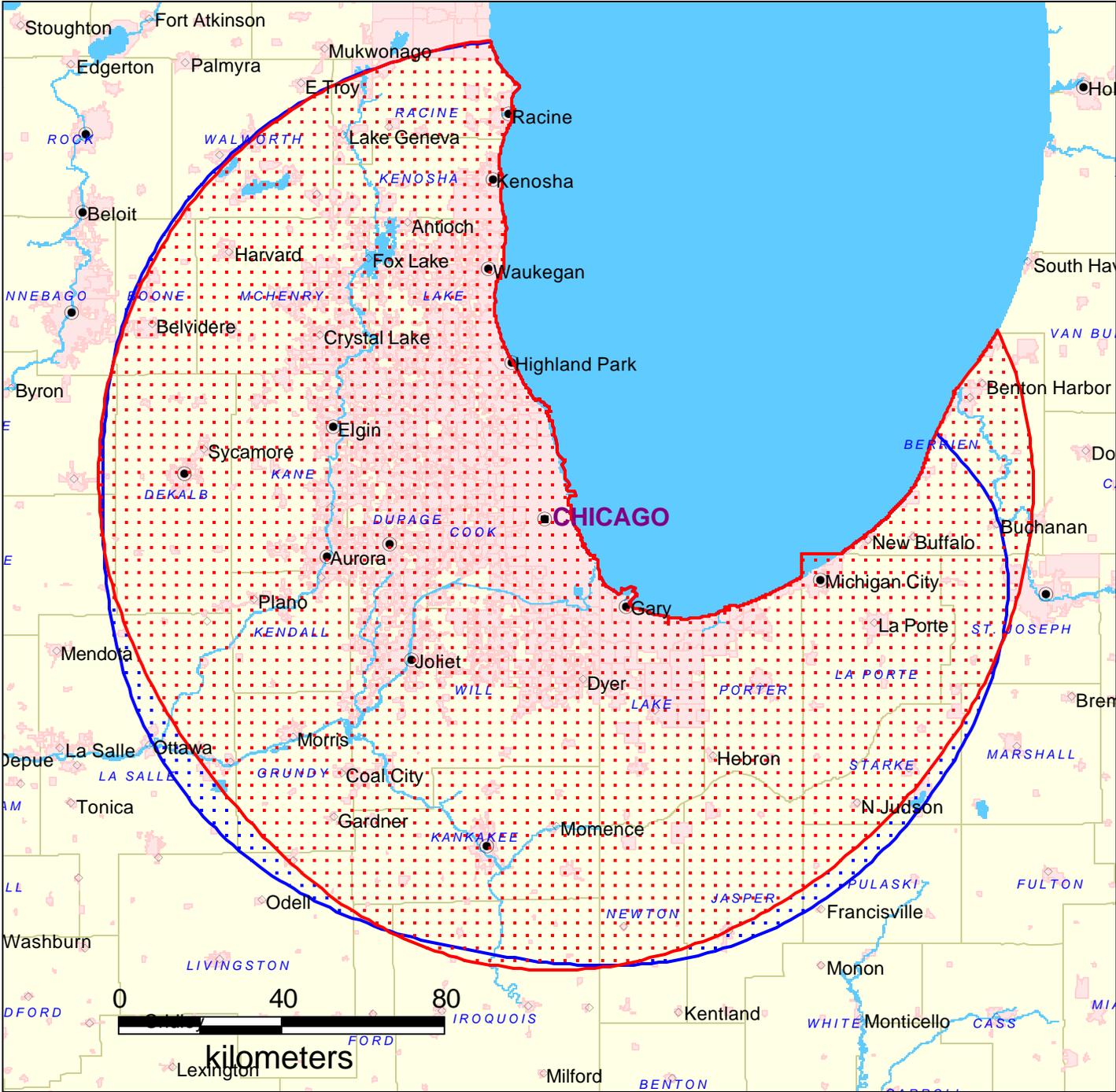
PROPOSED WLS-DT Ch 44, CHICAGO, IL
1000 kW, 698.9 mRCAMSL, D-ANT

Predicted Noise Limited Coverage Contour
F(50,90), 41 dBu

Predicted Principal Community Coverage Contour
F(50,90), 48 dBu

MARCH 2011

CARL T. JONES
CORPORATION



PREDICTED COVERAGE CONTOURS

WLS-DT Ch 7, CHICAGO, IL
 1000 kW, 698.9 mRCAMSL, D-ANT
 Noise Limited Coverage Contour
 F(50,90), 41 dBu

 27,790 sq. km.

WPWR-DT, GARY, IN (LIC.)
 CH 51, 1000 kW, 523 mHAAT,
 703 mRCAMSL, 30328 DANT
 Noise Limited Coverage Contour
 F(50,90), 41 dBu

 27,990 sq. km.

MARCH 2011

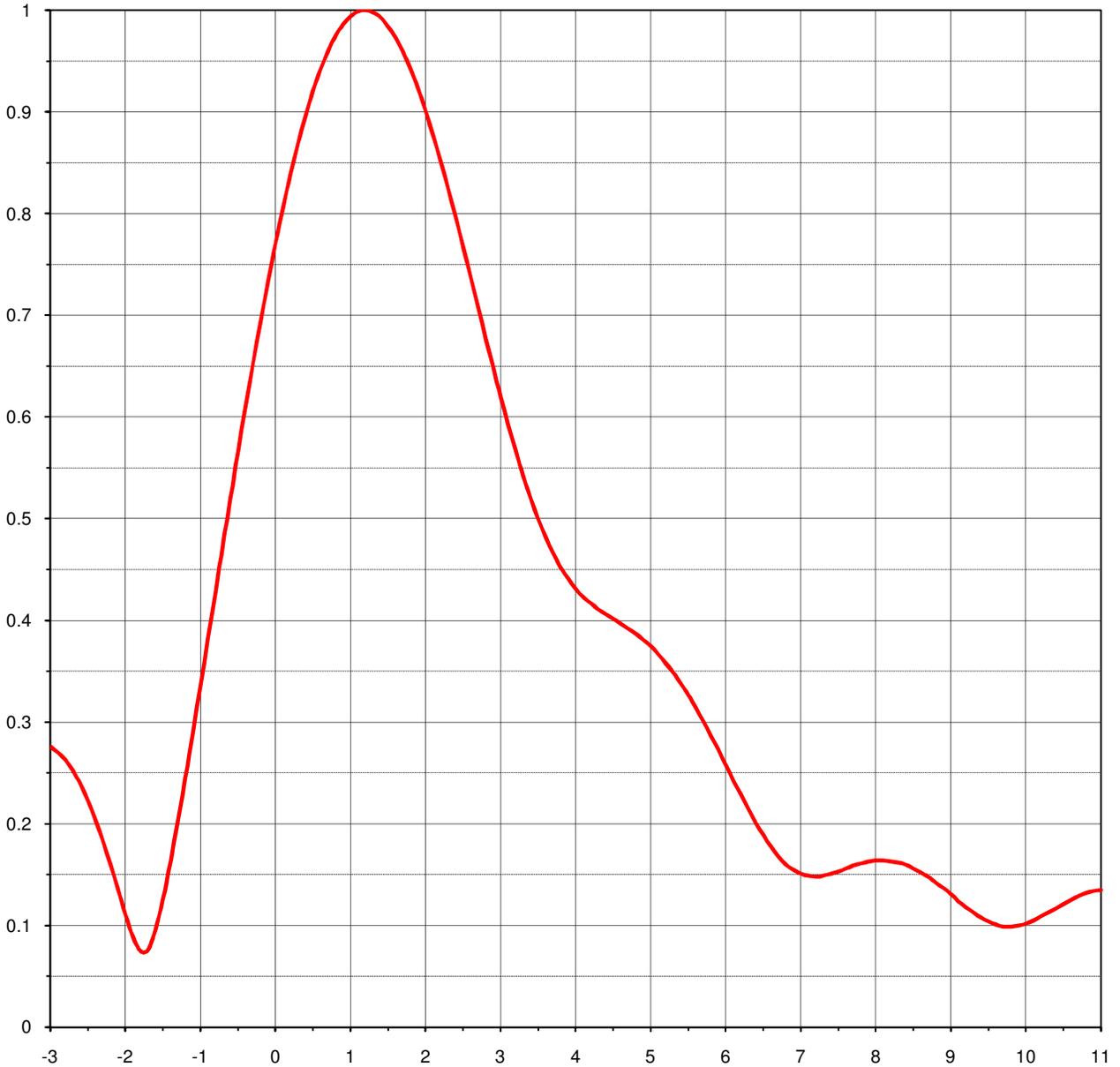
CARL T. JONES CORPORATION



Proposal Number **C-04033-2** Revision: **2**
Date **10-Jun-10**
Call Letters **WLS** Channel **44**
Location **Chicago, IL**
Customer
Antenna Type **TFU-19ETT/VP-R S140**

ELEVATION PATTERN

RMS Gain at Main Lobe	17.00 (12.30 dB)	Beam Tilt	1.20 deg
RMS Gain at Horizontal	10.10 (10.04 dB)	Frequency	653.00 MHz
Calculated / Measured	Calculated	Drawing #	19E170120



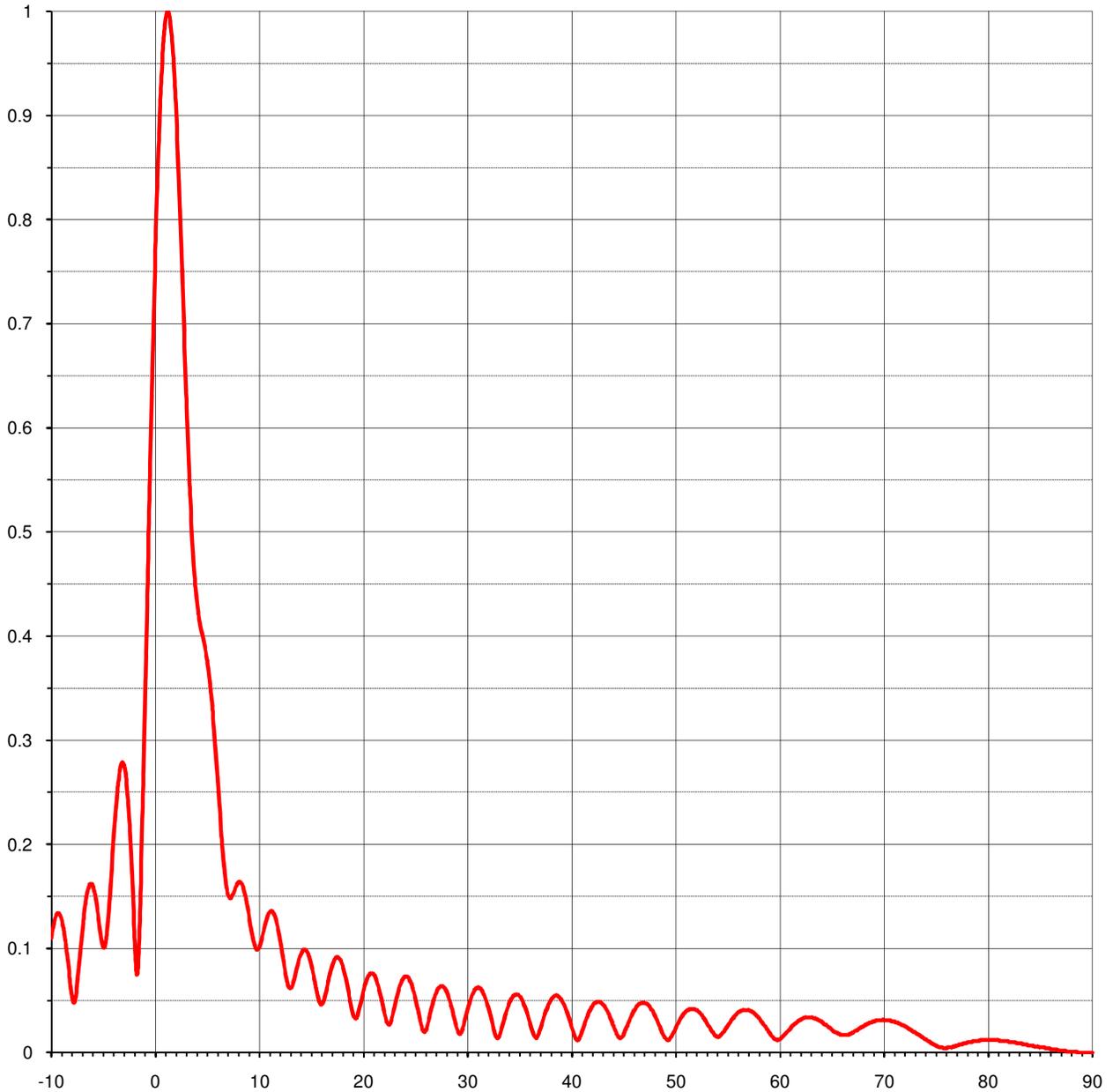
Degrees Below Horizontal



Proposal Number **C-04033-2** Revision: **2**
Date **10-Jun-10**
Call Letters **WLS** Channel **44**
Location **Chicago, IL**
Customer
Antenna Type **TFU-19ETT/VP-R S140**

ELEVATION PATTERN

RMS Gain at Main Lobe **17.00 (12.30 dB)** Beam Tilt **1.20 deg**
RMS Gain at Horizontal **10.10 (10.04 dB)** Frequency **653.00 MHz**
Calculated / Measured **Calculated** Drawing # **19E170120-90**





Proposal Number **C-04033-2** Revision: **2**
 Date **10-Jun-10**
 Call Letters **WLS** Channel **44**
 Location **Chicago, IL**
 Customer
 Antenna Type **TFU-19ETT/VP-R S140**

TABULATION OF ELEVATION PATTERN

Elevation Pattern Drawing #: **19E170120-90**

Angle	Field										
-10.0	0.110	2.4	0.797	10.6	0.121	30.5	0.055	51.0	0.039	71.5	0.028
-9.5	0.133	2.6	0.738	10.8	0.129	31.0	0.062	51.5	0.042	72.0	0.025
-9.0	0.128	2.8	0.678	11.0	0.134	31.5	0.059	52.0	0.041	72.5	0.022
-8.5	0.095	3.0	0.620	11.5	0.133	32.0	0.046	52.5	0.037	73.0	0.019
-8.0	0.053	3.2	0.567	12.0	0.113	32.5	0.027	53.0	0.030	73.5	0.016
-7.5	0.067	3.4	0.520	12.5	0.082	33.0	0.014	53.5	0.021	74.0	0.013
-7.0	0.119	3.6	0.482	13.0	0.062	33.5	0.028	54.0	0.016	74.5	0.009
-6.5	0.156	3.8	0.452	13.5	0.073	34.0	0.045	54.5	0.018	75.0	0.007
-6.0	0.160	4.0	0.431	14.0	0.093	34.5	0.055	55.0	0.025	75.5	0.005
-5.5	0.132	4.2	0.417	14.5	0.099	35.0	0.055	55.5	0.032	76.0	0.004
-5.0	0.101	4.4	0.406	15.0	0.087	35.5	0.046	56.0	0.038	76.5	0.005
-4.5	0.133	4.6	0.397	15.5	0.063	36.0	0.031	56.5	0.041	77.0	0.007
-4.0	0.207	4.8	0.387	16.0	0.046	36.5	0.016	57.0	0.041	77.5	0.008
-3.5	0.265	5.0	0.375	16.5	0.059	37.0	0.021	57.5	0.039	78.0	0.010
-3.0	0.276	5.2	0.358	17.0	0.081	37.5	0.037	58.0	0.034	78.5	0.011
-2.8	0.263	5.4	0.338	17.5	0.092	38.0	0.049	58.5	0.027	79.0	0.011
-2.6	0.239	5.6	0.314	18.0	0.086	38.5	0.055	59.0	0.020	79.5	0.012
-2.4	0.204	5.8	0.287	18.5	0.066	39.0	0.052	59.5	0.014	80.0	0.012
-2.2	0.160	6.0	0.258	19.0	0.040	39.5	0.042	60.0	0.013	80.5	0.012
-2.0	0.111	6.2	0.229	19.5	0.035	40.0	0.027	60.5	0.017	81.0	0.012
-1.8	0.075	6.4	0.201	20.0	0.056	40.5	0.013	61.0	0.022	81.5	0.011
-1.6	0.096	6.6	0.178	20.5	0.073	41.0	0.018	61.5	0.028	82.0	0.010
-1.4	0.163	6.8	0.160	21.0	0.076	41.5	0.033	62.0	0.031	82.5	0.010
-1.2	0.246	7.0	0.151	21.5	0.064	42.0	0.044	62.5	0.034	83.0	0.009
-1.0	0.336	7.2	0.148	22.0	0.042	42.5	0.049	63.0	0.034	83.5	0.008
-0.8	0.428	7.4	0.151	22.5	0.027	43.0	0.047	63.5	0.033	84.0	0.007
-0.6	0.520	7.6	0.156	23.0	0.041	43.5	0.040	64.0	0.030	84.5	0.006
-0.4	0.610	7.8	0.161	23.5	0.062	44.0	0.028	64.5	0.026	85.0	0.005
-0.2	0.694	8.0	0.164	24.0	0.073	44.5	0.016	65.0	0.022	85.5	0.004
0.0	0.771	8.2	0.163	24.5	0.070	45.0	0.016	65.5	0.019	86.0	0.003
0.2	0.839	8.4	0.160	25.0	0.055	45.5	0.028	66.0	0.017	86.5	0.003
0.4	0.896	8.6	0.152	25.5	0.032	46.0	0.039	66.5	0.017	87.0	0.002
0.6	0.942	8.8	0.142	26.0	0.020	46.5	0.046	67.0	0.019	87.5	0.001
0.8	0.975	9.0	0.131	26.5	0.038	47.0	0.048	67.5	0.022	88.0	0.001
1.0	0.994	9.2	0.118	27.0	0.056	47.5	0.045	68.0	0.025	88.5	0.001
1.2	1.000	9.4	0.108	27.5	0.064	48.0	0.037	68.5	0.028	89.0	0.000
1.4	0.993	9.6	0.101	28.0	0.060	48.5	0.026	69.0	0.030	89.5	0.000
1.6	0.973	9.8	0.099	28.5	0.045	49.0	0.015	69.5	0.031	90.0	0.000
1.8	0.942	10.0	0.100	29.0	0.025	49.5	0.013	70.0	0.031		
2.0	0.901	10.2	0.105	29.5	0.020	50.0	0.022	70.5	0.031		
2.2	0.852	10.4	0.113	30.0	0.038	50.5	0.032	71.0	0.030		

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Proposal Number	C-04033-2	Revision:	2
Date	10-Jun-10		
Call Letters	WLS	Channel	44
Location	Chicago, IL		
Customer			
Antenna Type	TFU-19ETT/VP-R S140		

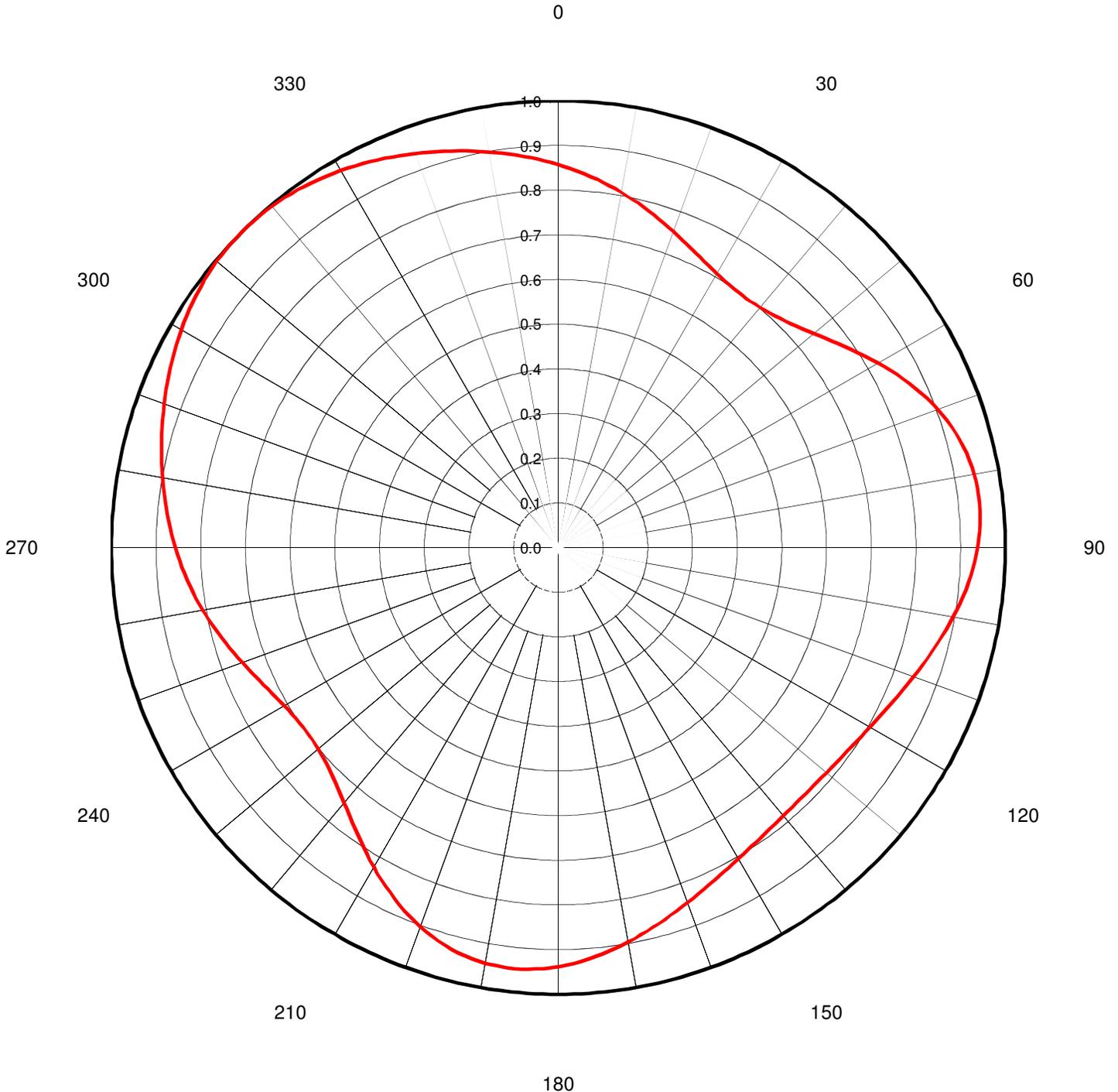
AZIMUTH PATTERN

Gain **1.40**
Calculated / Measured

(1.46 dB)
Calculated

Frequency
Drawing #

653.00 MHz
S140H





Proposal Number **C-04033-2** Revision: **2**
 Date **10-Jun-10**
 Call Letters **WLS** Channel **44**
 Location **Chicago, IL**
 Customer
 Antenna Type **TFU-19ETT/VP-R S140**

TABULATION OF AZIMUTH PATTERN

Azimuth Pattern Drawing #: **S140H**

Angle	Field														
0	0.857	45	0.717	90	0.938	135	0.781	180	0.938	225	0.717	270	0.857	315	1.000
1	0.852	46	0.722	91	0.935	136	0.781	181	0.941	226	0.713	271	0.861	316	1.000
2	0.848	47	0.727	92	0.932	137	0.781	182	0.943	227	0.709	272	0.866	317	0.999
3	0.843	48	0.733	93	0.928	138	0.782	183	0.945	228	0.706	273	0.870	318	0.999
4	0.838	49	0.739	94	0.924	139	0.782	184	0.946	229	0.704	274	0.874	319	0.998
5	0.833	50	0.746	95	0.920	140	0.783	185	0.947	230	0.701	275	0.879	320	0.997
6	0.828	51	0.753	96	0.916	141	0.785	186	0.947	231	0.700	276	0.883	321	0.996
7	0.823	52	0.760	97	0.911	142	0.786	187	0.948	232	0.699	277	0.887	322	0.994
8	0.818	53	0.767	98	0.907	143	0.788	188	0.947	233	0.698	278	0.891	323	0.992
9	0.813	54	0.775	99	0.902	144	0.789	189	0.946	234	0.698	279	0.895	324	0.990
10	0.808	55	0.783	100	0.897	145	0.791	190	0.945	235	0.699	280	0.899	325	0.988
11	0.802	56	0.792	101	0.892	146	0.794	191	0.943	236	0.700	281	0.903	326	0.986
12	0.797	57	0.800	102	0.887	147	0.796	192	0.940	237	0.701	282	0.907	327	0.983
13	0.791	58	0.808	103	0.881	148	0.799	193	0.937	238	0.703	283	0.911	328	0.980
14	0.786	59	0.817	104	0.876	149	0.802	194	0.934	239	0.706	284	0.915	329	0.977
15	0.780	60	0.826	105	0.871	150	0.805	195	0.930	240	0.708	285	0.919	330	0.974
16	0.774	61	0.834	106	0.866	151	0.808	196	0.925	241	0.712	286	0.923	331	0.971
17	0.769	62	0.843	107	0.861	152	0.811	197	0.921	242	0.715	287	0.927	332	0.968
18	0.763	63	0.851	108	0.855	153	0.815	198	0.915	243	0.719	288	0.931	333	0.964
19	0.758	64	0.859	109	0.850	154	0.819	199	0.909	244	0.723	289	0.935	334	0.961
20	0.752	65	0.867	110	0.846	155	0.823	200	0.903	245	0.727	290	0.939	335	0.957
21	0.747	66	0.875	111	0.841	156	0.827	201	0.897	246	0.732	291	0.942	336	0.954
22	0.742	67	0.883	112	0.836	157	0.832	202	0.890	247	0.737	292	0.946	337	0.950
23	0.737	68	0.890	113	0.832	158	0.836	203	0.883	248	0.742	293	0.950	338	0.946
24	0.732	69	0.897	114	0.827	159	0.841	204	0.875	249	0.747	294	0.954	339	0.942
25	0.727	70	0.903	115	0.823	160	0.846	205	0.867	250	0.752	295	0.957	340	0.939
26	0.723	71	0.909	116	0.819	161	0.850	206	0.859	251	0.758	296	0.961	341	0.935
27	0.719	72	0.915	117	0.815	162	0.855	207	0.851	252	0.763	297	0.964	342	0.931
28	0.715	73	0.921	118	0.811	163	0.861	208	0.843	253	0.769	298	0.968	343	0.927
29	0.712	74	0.925	119	0.808	164	0.866	209	0.834	254	0.774	299	0.971	344	0.923
30	0.708	75	0.930	120	0.805	165	0.871	210	0.826	255	0.780	300	0.974	345	0.919
31	0.706	76	0.934	121	0.802	166	0.876	211	0.817	256	0.786	301	0.977	346	0.915
32	0.703	77	0.937	122	0.799	167	0.881	212	0.808	257	0.791	302	0.980	347	0.911
33	0.701	78	0.940	123	0.796	168	0.887	213	0.800	258	0.797	303	0.983	348	0.907
34	0.700	79	0.943	124	0.794	169	0.892	214	0.792	259	0.802	304	0.986	349	0.903
35	0.699	80	0.945	125	0.791	170	0.897	215	0.783	260	0.808	305	0.988	350	0.899
36	0.698	81	0.946	126	0.789	171	0.902	216	0.775	261	0.813	306	0.990	351	0.895
37	0.698	82	0.947	127	0.788	172	0.907	217	0.767	262	0.818	307	0.992	352	0.891
38	0.699	83	0.948	128	0.786	173	0.911	218	0.760	263	0.823	308	0.994	353	0.887
39	0.700	84	0.947	129	0.785	174	0.916	219	0.753	264	0.828	309	0.996	354	0.883
40	0.701	85	0.947	130	0.783	175	0.920	220	0.746	265	0.833	310	0.997	355	0.879
41	0.704	86	0.946	131	0.782	176	0.924	221	0.739	266	0.838	311	0.998	356	0.874
42	0.706	87	0.945	132	0.782	177	0.928	222	0.733	267	0.843	312	0.999	357	0.870
43	0.709	88	0.943	133	0.781	178	0.932	223	0.727	268	0.848	313	0.999	358	0.866
44	0.713	89	0.941	134	0.781	179	0.935	224	0.722	269	0.852	314	1.000	359	0.861

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APPENDIX

WLS Television Inc.
Modification of Construction Permit
Interference Analysis

TV Process Study in Unpaginated Format

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: 03-02-2011 Time: 14:17:50

Record Selected for Analysis

WLS-TV BPCDT -NEWWLSDT44 CHICAGO IL US
Channel 44 ERP 1000.0 kW HAAT 518. m RCAMSL 698.9 m
Latitude 041-52-44 Longitude 0087-38- 8
Status APP Zone Border C Site number: 01
Dir Antenna Make CDB Model 00000000190007 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 = 1000.00 HAAT = 518.

Site number	1			
Azimuth	ERP	HAAT	41.0 dBu F(50,90)	
(Deg)	(kW)	(m)	(km)	
0.0	734.449	521.7	113.1	
45.0	523.452	522.9	110.0	
90.0	879.844	522.9	114.8	
135.0	613.089	522.9	111.5	
180.0	879.844	518.2	114.5	
225.0	523.452	516.4	109.5	
270.0	734.449	513.3	112.5	
315.0	1000.000	514.5	115.5	

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 BSTA 20041103AKF

Station inside contour of Class A station
 WMEU-CA 48 CHICAGO IL BPTTA 20080804ABH

Station inside contour of Class A station
 WMEU-CA 48 CHICAGO IL BSTA 20081015AAR

Class A Evaluation Complete

SPACING VIOLATION FOUND BETWEEN STATION

WLS-TV 44 CHICAGO IL BPCDT NEWWLSDT44 Site # 01

and station

SHORT TO: WLS-TV 44 CHICAGO IL DTVPLN DTVP1568
 041-52-44 0087-38-10
 Req. separation 223.7 Actual separation 0.0 Short 223.7 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

		Proposed Station		
Channel	Call	City/State	ARN	
44	WLS-TV	CHICAGO IL	BPCDT	
NEWWLSDT44				

Stations Potentially Affected by Proposed Station

Chan Ref. No.	Call	City/State	Dist(km)	Status	Application
30	WSPY-LP	PLANO IL	81.5	LIC	BLTTL
41	WOCH-CA	CHICAGO IL	2.5	LIC	BLTTA
41	WOCH-CA	CHICAGO IL	2.5	APP	BPTTA
41	WMLW-CA	MILWAUKEE WI	139.1	LIC	BLTTA
41	WMLW-CA	MILWAUKEE WI	139.1	STA	BSTA
43	WCPX-TV	CHICAGO IL	1.9	APP	BPCDT
43	WCPX-TV	CHICAGO IL	0.0	LIC	BLCDDT
43	WWRP-TV	MAYVILLE WI	187.8	APP	BPCDT
43	WWRP-TV	MAYVILLE WI	187.8	LIC	BLCDDT
44	WRSP-TV	SPRINGFIELD IL	276.8	CP	BPCDT
44	WRSP-TV	SPRINGFIELD IL	276.8	LIC	BLCDDT
44	WDTI	INDIANAPOLIS IN	251.2	LIC	BLEDT
44	WDTI	INDIANAPOLIS IN	251.2	CP	BPEDT
44	WZPX-TV	BATTLE CREEK MI	229.3	LIC	BLCDDT
44	WWJ-TV	DETROIT MI	373.0	LIC	BLCDDT
44	WWJ-TV	DETROIT MI	373.0	CP MOD	BMPCDT
44	WTLW	LIMA OH	313.7	LIC	BLCDDT
45	WSNS-TV	CHICAGO IL	0.0	LIC	BLCDDT
45	WSNS-TV	CHICAGO IL	0.0	CP	BPCDT
45	WLLA	KALAMAZOO MI	194.7	LIC	BLCDDT
48	WMEU-CA	BLUE ISLAND IL	42.2	LIC	BLTTA
48	WMEU-CA	CHICAGO IL	0.0	STA	BSTA
48	WMEU-CA	CHICAGO IL	0.0	CP	BPTTA
48	WMEU-CA	CHICAGO IL	0.0	APP	BSTA

%%
%%

Analysis of Interference to Affected Station 1

Analysis of current record

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

Stations Potentially Affecting This Station

Chan Ref. No.	Call	City/State	Dist(km)	Status	Application
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27	WCIU-TV	CHICAGO IL	81.5	CP MOD	BMPCDT	-
20090105ACO						
27	WCIU-TV	CHICAGO IL	81.5	LIC	BLCDDT	-
20060525ADR						
28	WYZZ-TV	BLOOMINGTON IL	124.0	LIC	BLCDDT	-
20060609ABE						
29	WMAQ-TV	CHICAGO IL	81.5	LIC	BLCDDT	-
20010531ACY						
30	WMBD-TV	PEORIA IL	140.0	CP MOD	BMPCDT	-
20060314ABP						
30	WHLA-TV	LA CROSSE WI	329.4	LIC	BMLEDT	-
20041013AAL						
31	WFLD	CHICAGO IL	81.5	LIC	BLCDDT	-
20090223ABV						
38	WGBO-DT	JOLIET IL	83.1	LIC	BLCDDT	-
20090618ACD						
38	WGBO-DT	JOLIET IL	83.1	CP MOD	BMPCDT	-
20080618AEI						
44	WLS-TV	CHICAGO IL	81.5	APP	BPCDDT	-
NEWWLSDT44						
45	WSNS-TV	CHICAGO IL	81.5	LIC	BLCDDT	-
20010612AIB						
45	WSNS-TV	CHICAGO IL	81.5	CP	BPCDDT	-
20080620AMW						
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 2

Analysis of current record

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

Stations Potentially Affecting This Station

Chan Ref. No.	Call	City/State	Dist(km)	Status	Application	
33	WITI	MILWAUKEE WI	134.3	CP MOD	BMPCDT	-
20081204ADM						
34	WISN-TV	MILWAUKEE WI	137.1	CP	BPCDDT	-
20100514AEB						
34	WISN-TV	MILWAUKEE WI	137.1	LIC	BLCDDT	-
20050412ADP						
38	WGBO-DT	JOLIET IL	0.0	LIC	BLCDDT	-
20090618ACD						
38	WGBO-DT	JOLIET IL	0.0	CP MOD	BMPCDT	-
20080618AEI						
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	FREEPOR T IL	135.1	LIC	BLCDDT	-
20041012AIQ						
41	WIFR-DR	FREEPOR T IL	135.1	APP	BPRM	-
20080620AOH						

41	WIFR	FREEPORT IL	135.1	CP MOD	BMPCDT	-
20081110ADQ						
41	WIFR	FREEPORT IL	135.1	CP MOD	BMPCDT	-
20050103AFQ						
41	WXYZ-TV	DETROIT MI	365.7	CP MOD	BMPCDT	-
20080618ABH						
41	WXYZ-TV	DETROIT MI	365.7	LIC	BLCDT	-
20030325ABI						
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	CP MOD	BMPCDT	-
20080620AEI						
41	WGBA-TV	GREEN BAY WI	274.9	LIC	BLCDT	-
20080813ADO						
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	1.1	APP	BPCDT	-
20080619AIL						
43	WCPX-TV	CHICAGO IL	2.5	LIC	BLCDT	-
20010226ABH						
44	WLS-TV	CHICAGO IL	2.5	APP	BPCDT	-
NEWWLSDT44						
45	WSNS-TV	CHICAGO IL	2.5	LIC	BLCDT	-
20010612AIB						
45	WSNS-TV	CHICAGO IL	2.5	CP	BPCDT	-
20080620AMW						
48	WHME-TV	SOUTH BEND IN	125.9	APP	BPCDT	-
20080619ABC						
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	-
DTVP1568						

Total scenarios = 6

Result key: 1
Scenario 1 Affected station 2
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	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	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	BLCDDT	20010226ABH	LIC
45A IL CHICAGO	BLCDDT	20010612AIB	LIC
44A IL CHICAGO	BPCDDT	NEWWLSDDT44	APP

Percent new IX = 0.0000%

Result key: 2
 Scenario 2 Affected station 2
 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	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 2

40A IL CHICAGO	BLDTL	20101213AGJ	LIC
43A IL CHICAGO	BLCDDT	20010226ABH	LIC
45A IL CHICAGO	BPCDDT	20080620AMW	CP
44A IL CHICAGO	BPCDDT	NEWWLSDDT44	APP

Percent new IX = 0.0000%

Result key: 3
 Scenario 3 Affected station 2
 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	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 3

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	BPCDT	NEWWLSDT44	APP

Percent new IX = 0.0000%

Result key: 4
Scenario 4 Affected station 2
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	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	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	BPCDT	20080620AMW	CP
44A IL CHICAGO	BPCDT	NEWWLSDT44	APP

Percent new IX = 0.0000%

Result key: 5
Scenario 5 Affected station 2

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 5

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 5

40A IL CHICAGO	BLDTL	20101213AGJ	LIC
43A IL CHICAGO	BLCDDT	20010226ABH	LIC
45A IL CHICAGO	BLCDDT	20010612AIB	LIC
44A IL CHICAGO	BPCDDT	NEWWLSDDT44	APP

Percent new IX = 0.0000%

Result key: 6
 Scenario 6 Affected station 2
 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	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 6

40A IL CHICAGO	BLDTL	20101213AGJ	LIC
----------------	-------	-------------	-----

43A IL CHICAGO	BLCDT	20010226ABH	LIC
45A IL CHICAGO	BPCDT	20080620AMW	CP
44A IL CHICAGO	BPCDT	NEWWLSDT44	APP

Percent new IX = 0.0000%

Worst case new IX 0.0000% Scenario 1

###

Analysis of Interference to Affected Station 3

Analysis of current record

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

Stations Potentially Affecting This Station

Chan Ref. No.	Call	City/State	Dist(km)	Status	Application	
33 20081204ADM	WITI	MILWAUKEE WI	134.3	CP MOD	BMPCDT	-
34 20100514AEB	WISN-TV	MILWAUKEE WI	137.1	CP	BPCDT	-
34 20050412ADP	WISN-TV	MILWAUKEE WI	137.1	LIC	BLCDT	-
38 20090618ACD	WGBO-DT	JOLIET IL	0.0	LIC	BLCDT	-
38 20080618AEI	WGBO-DT	JOLIET IL	0.0	CP MOD	BMPCDT	-
40 20101213AGJ	WESV-LD	CHICAGO IL	2.5	LIC	BLDTL	-
41 20081120ABD	KGCW	BURLINGTON IA	278.3	LIC	BLCDT	-
41 20050620AAO	WICD	CHAMPAIGN IL	204.8	LIC	BLCDT	-
41 20041012AIQ	WIFR	FREEPORT IL	135.1	LIC	BLCDT	-
41 20080620AOH	WIFR-DR	FREEPORT IL	135.1	APP	BPRM	-
41 20081110ADQ	WIFR	FREEPORT IL	135.1	CP MOD	BMPCDT	-
41 20050103AFQ	WIFR	FREEPORT IL	135.1	CP MOD	BMPCDT	-
41 20080618ABH	WXYZ-TV	DETROIT MI	365.7	CP MOD	BMPCDT	-
41 20030325ABI	WXYZ-TV	DETROIT MI	365.7	LIC	BLCDT	-
41 20040614AEY	WHIO-TV	DAYTON OH	372.1	LIC	BLCDT	-
41 20080619ACK	WHIO-TV	DAYTON OH	372.1	CP	BPCDT	-
41 20080620AEI	WGBA-TV	GREEN BAY WI	274.9	CP MOD	BMPCDT	-
41 20080813ADO	WGBA-TV	GREEN BAY WI	274.9	LIC	BLCDT	-
41 20001013ADO	NEW	LACROSSE WI	388.0	LIC	BPRM	-
42 20060717AAG	WNDU-TV	SOUTH BEND IN	121.4	LIC	BLCDT	-
42 20080619AAB	WNDU-TV	SOUTH BEND IN	121.4	CP	BPCDT	-

43	WCPX-TV	CHICAGO IL	1.1	APP	BPCDT	-
20080619AIL						
43	WCPX-TV	CHICAGO IL	2.5	LIC	BLCDT	-
20010226ABH						
44	WLS-TV	CHICAGO IL	2.5	APP	BPCDT	-
NEWWLSDT44						
45	WSNS-TV	CHICAGO IL	2.5	LIC	BLCDT	-
20010612AIB						
45	WSNS-TV	CHICAGO IL	2.5	CP	BPCDT	-
20080620AMW						
48	WHME-TV	SOUTH BEND IN	125.9	APP	BPCDT	-
20080619ABC						
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	-
DTVP1568						

Total scenarios = 6

Result key: 7
Scenario 1 Affected station 3
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 1

38A IL JOLIET	BMPCDT	20080618AEI	CP
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	

Potential Interfering Stations Included in above Scenario 1

38A IL JOLIET	BMPCDT	20080618AEI	CP
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	BPCDT	NEWWLSDT44	APP

Percent new IX = 0.0000%

Result key: 8
Scenario 2 Affected station 3
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	BMPCDT	20080618AEI	CP
40A IL CHICAGO	BLDTL	20101213AGJ	LIC
41A IL CHAMPAIGN	BLCDDT	20050620AAO	LIC
43A IL CHICAGO	BLCDDT	20010226ABH	LIC
45A IL CHICAGO	BPCDDT	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 2

38A IL JOLIET	BMPCDT	20080618AEI	CP
40A IL CHICAGO	BLDTL	20101213AGJ	LIC
41A IL CHAMPAIGN	BLCDDT	20050620AAO	LIC
43A IL CHICAGO	BLCDDT	20010226ABH	LIC
45A IL CHICAGO	BPCDDT	20080620AMW	CP
44A IL CHICAGO	BPCDDT	NEWWLSDT44	APP

Percent new IX = 0.0000%

Result key: 9
Scenario 3 Affected station 3
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	BMPCDT	20080618AEI	CP
40A IL CHICAGO	BLDTL	20101213AGJ	LIC
41A IL CHAMPAIGN	BLCDDT	20050620AAO	LIC
41A IL FREEPORT	BPRM	20080620AOH	APP
43A IL CHICAGO	BLCDDT	20010226ABH	LIC
45A IL CHICAGO	BLCDDT	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 3

38A IL JOLIET	BMPCDT	20080618AEI	CP
40A IL CHICAGO	BLDTL	20101213AGJ	LIC
41A IL CHAMPAIGN	BLCDDT	20050620AAO	LIC
41A IL FREEPORT	BPRM	20080620AOH	APP
43A IL CHICAGO	BLCDDT	20010226ABH	LIC
45A IL CHICAGO	BLCDDT	20010612AIB	LIC
44A IL CHICAGO	BPCDDT	NEWWLSDDT44	APP

Percent new IX = 0.0000%

Result key: 10
 Scenario 4 Affected station 3
 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	BMPCDT	20080618AEI	CP
40A IL CHICAGO	BLDTL	20101213AGJ	LIC
41A IL CHAMPAIGN	BLCDDT	20050620AAO	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	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	BMPCDT	20080618AEI	CP
40A IL CHICAGO	BLDTL	20101213AGJ	LIC
41A IL CHAMPAIGN	BLCDDT	20050620AAO	LIC
41A IL FREEPORT	BPRM	20080620AOH	APP
43A IL CHICAGO	BLCDDT	20010226ABH	LIC
45A IL CHICAGO	BPCDDT	20080620AMW	CP
44A IL CHICAGO	BPCDDT	NEWWLSDDT44	APP

Percent new IX = 0.0000%

Result key: 11
 Scenario 5 Affected station 3
 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 5

38A IL JOLIET	BMPCDT	20080618AEI	CP
40A IL CHICAGO	BLDTL	20101213AGJ	LIC
41A IL CHAMPAIGN	BLCDDT	20050620AAO	LIC
43A IL CHICAGO	BLCDDT	20010226ABH	LIC
45A IL CHICAGO	BLCDDT	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	

Potential Interfering Stations Included in above Scenario 5

38A IL JOLIET	BMPCDT	20080618AEI	CP
40A IL CHICAGO	BLDTL	20101213AGJ	LIC
41A IL CHAMPAIGN	BLCDDT	20050620AAO	LIC
43A IL CHICAGO	BLCDDT	20010226ABH	LIC
45A IL CHICAGO	BLCDDT	20010612AIB	LIC
44A IL CHICAGO	BPCDDT	NEWWLSDT44	APP

Percent new IX = 0.0000%

Result key: 12
 Scenario 6 Affected station 3
 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	BMPCDT	20080618AEI	CP
40A IL CHICAGO	BLDTL	20101213AGJ	LIC
41A IL CHAMPAIGN	BLCDDT	20050620AAO	LIC
43A IL CHICAGO	BLCDDT	20010226ABH	LIC
45A IL CHICAGO	BPCDDT	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 6

38A IL JOLIET	BMPCDT	20080618AEI	CP
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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	BPCDT	NEWWLSDT44	APP

Percent new IX = 0.0000%

Worst case new IX 0.0000% Scenario 1

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Analysis of Interference to Affected Station 4

Analysis of current record

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

Stations Potentially Affecting This Station

Chan Ref. No.	Call	City/State	Dist(km)	Status	Application
33	WITI	MILWAUKEE WI	3.6	CP MOD	BMPCDT -
20081204ADM					
34	WISN-TV	MILWAUKEE WI	0.2	CP	BPCDT -
20100514AEB					
34	WISN-TV	MILWAUKEE WI	0.2	LIC	BLCDT -
20050412ADP					
38	WGBO-DT	JOLIET IL	137.1	LIC	BLCDT -
20090618ACD					
38	WGBO-DT	JOLIET IL	137.1	CP MOD	BMPCDT -
20080618AEI					
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-DR	FREEPORT IL	135.9	APP	BPRM -
20080620AOH					
41	WIFR	FREEPORT IL	135.9	CP MOD	BMPCDT -
20081110ADQ					
41	WIFR	FREEPORT IL	135.9	CP MOD	BMPCDT -
20050103AFQ					
41	WXYZ-TV	DETROIT MI	388.3	CP MOD	BMPCDT -
20080618ABH					
41	WXYZ-TV	DETROIT MI	388.3	LIC	BLCDT -
20030325ABI					
41	WGBA-TV	GREEN BAY WI	138.6	CP MOD	BMPCDT -
20080620AEI					
41	WGBA-TV	GREEN BAY WI	138.6	LIC	BLCDT -
20080813ADO					
41	NEW	LACROSSE WI	295.0	LIC	BPRM -
20001013ADO					
43	WCPX-TV	CHICAGO IL	137.3	APP	BPCDT -
20080619AIL					

43	WCPX-TV	CHICAGO IL	139.1	LIC	BLCDT	-
20010226ABH						
43	WWRP-TV	MAYVILLE WI	60.2	APP	BPCDT	-
20080618ATT						
43	WWRP-TV	MAYVILLE WI	60.2	LIC	BLCDT	-
20050825AEW						
44	WLS-TV	CHICAGO IL	139.1	APP	BPCDT	-
NEWWLSDT44						
45	WSNS-TV	CHICAGO IL	139.1	LIC	BLCDT	-
20010612AIB						
45	WSNS-TV	CHICAGO IL	139.1	CP	BPCDT	-
20080620AMW						
48	WBME-TV	RACINE WI	0.0	LIC	BLCDT	-
20090807ACD						
49	WMSN-TV	MADISON WI	130.4	CP MOD	BMPCDT	-
20100609ABY						
49	WMSN-DR	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 5

Analysis of current record

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

Stations Potentially Affecting This Station

Chan Ref. No.	Call	City/State	Dist(km)	Status	Application
33	WITI	MILWAUKEE WI	3.6	CP MOD	BMPCDT -
20081204ADM					
34	WISN-TV	MILWAUKEE WI	0.2	CP	BPCDT -
20100514AEB					
34	WISN-TV	MILWAUKEE WI	0.2	LIC	BLCDT -
20050412ADP					
38	WGBO-DT	JOLIET IL	137.1	LIC	BLCDT -
20090618ACD					
38	WGBO-DT	JOLIET IL	137.1	CP MOD	BMPCDT -
20080618AEI					
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	FREEPOR T IL	135.9	LIC	BLCDT -
20041012AIQ					
41	WIFR-DR	FREEPOR T IL	135.9	APP	BPRM -
20080620AOH					
41	WIFR	FREEPOR T IL	135.9	CP MOD	BMPCDT -
20081110ADQ					

41	WIFR	FREEPORT IL	135.9	CP MOD	BMPCDT	-
20050103AFQ						
41	WXYZ-TV	DETROIT MI	388.3	CP MOD	BMPCDT	-
20080618ABH						
41	WXYZ-TV	DETROIT MI	388.3	LIC	BLCDT	-
20030325ABI						
41	WGBA-TV	GREEN BAY WI	138.6	CP MOD	BMPCDT	-
20080620AEI						
41	WGBA-TV	GREEN BAY WI	138.6	LIC	BLCDT	-
20080813ADO						
41	NEW	LACROSSE WI	295.0	LIC	BPRM	-
20001013ADO						
43	WCPX-TV	CHICAGO IL	137.3	APP	BPCDT	-
20080619AIL						
43	WCPX-TV	CHICAGO IL	139.1	LIC	BLCDT	-
20010226ABH						
43	WWSR-TV	MAYVILLE WI	60.2	APP	BPCDT	-
20080618ATT						
43	WWSR-TV	MAYVILLE WI	60.2	LIC	BLCDT	-
20050825AEW						
44	WLS-TV	CHICAGO IL	139.1	APP	BPCDT	-
NEWWLSDT44						
45	WSNS-TV	CHICAGO IL	139.1	LIC	BLCDT	-
20010612AIB						
45	WSNS-TV	CHICAGO IL	139.1	CP	BPCDT	-
20080620AMW						
48	WBME-TV	RACINE WI	0.0	LIC	BLCDT	-
20090807ACD						
49	WMSN-TV	MADISON WI	130.4	CP MOD	BMPCDT	-
20100609ABY						
49	WMSN-DR	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 6

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	CP MOD	BMPCDT	-
20070207ABW						
42	WNDU-TV	SOUTH BEND IN	122.3	LIC	BLCDT	-
20060717AAG						
42	WNDU-TV	SOUTH BEND IN	122.3	CP	BPCDT	-
20080619AAB						
43	KFXB-TV	DUBUQUE IA	255.3	LIC	BLCDT	-
20090528AEV						
43	WTVS	DETROIT MI	372.7	CP	BPEDT	-
20080620AAL						
43	WTVS	DETROIT MI	372.7	LIC	BLEDT	-
20001117ABV						

43	WWRB-TV	MAYVILLE WI	186.1	APP	BPCDT	-
20080618ATT						
43	WWRB-TV	MAYVILLE WI	186.1	LIC	BLCDT	-
20050825AEW						
44	WLS-TV	CHICAGO IL	1.9	APP	BPCDT	-
NEWWLSDT44						
44	WZPX-TV	BATTLE CREEK MI	228.5	LIC	BLCDT	-
20020510AAG						
44	WLS-TV	CHICAGO IL	1.9	PLN	DTVPLN	-
DTVP1568						

Total scenarios = 4

Result key: 13
 Scenario 1 Affected station 6
 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	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	BMPCDT	20070207ABW	CP
42A IN SOUTH BEND	BLCDT	20060717AAG	LIC
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	88724	1156.4
lost to ATV IX only	88724	1156.4
lost to all IX	88724	1156.4

Potential Interfering Stations Included in above Scenario 1

42A IL ROCKFORD	BMPCDT	20070207ABW	CP
42A IN SOUTH BEND	BLCDT	20060717AAG	LIC
43A IA DUBUQUE	BLCDT	20090528AEV	LIC
43A WI MAYVILLE	BLCDT	20050825AEW	LIC
44A IL CHICAGO	BPCDT	NEWWLSDT44	APP

Percent new IX = 0.4725%

Result key: 14
 Scenario 2 Affected station 6
 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	BMPCDT	20070207ABW	CP
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	90237	1232.6
lost to ATV IX only	90237	1232.6
lost to all IX	90237	1232.6

Potential Interfering Stations Included in above Scenario 2

42A IL ROCKFORD	BMPCDT	20070207ABW	CP
42A IN SOUTH BEND	BPCDT	20080619AAB	CP
43A IA DUBUQUE	BLCDT	20090528AEV	LIC
43A WI MAYVILLE	BLCDT	20050825AEW	LIC
44A IL CHICAGO	BPCDT	NEWWLSDT44	APP

Percent new IX = 0.4718%

Result key: 15
 Scenario 3 Affected station 6
 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	BMPCDT	20070207ABW	CP
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	122158	1417.3
lost to ATV IX only	122158	1417.3
lost to all IX	122158	1417.3

Potential Interfering Stations Included in above Scenario 3

42A IL ROCKFORD	BMPCDT	20070207ABW	CP
42A IN SOUTH BEND	BLCDT	20060717AAG	LIC
43A IA DUBUQUE	BLCDT	20090528AEV	LIC
43A WI MAYVILLE	BPCDT	20080618ATT	APP
44A IL CHICAGO	BPCDT	NEWWLSDT44	APP

Percent new IX = 0.4592%

Result key: 16
 Scenario 4 Affected station 6
 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

42A IL ROCKFORD	BMPCDT	20070207ABW	CP
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	123671	1493.6
lost to ATV IX only	123671	1493.6
lost to all IX	123671	1493.6

Potential Interfering Stations Included in above Scenario 4

42A IL ROCKFORD	BMPCDT	20070207ABW	CP
42A IN SOUTH BEND	BPCDT	20080619AAB	CP
43A IA DUBUQUE	BLCDT	20090528AEV	LIC
43A WI MAYVILLE	BPCDT	20080618ATT	APP
44A IL CHICAGO	BPCDT	NEWWLSDT44	APP

Percent new IX = 0.4585%

Worst case new IX 0.4725% Scenario 1

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Analysis of Interference to Affected Station 7

Analysis of current record

Channel	Call	City/State	Application Ref. No.
43	WCPX-TV	CHICAGO IL	BLCDT -

20010226ABH

Stations Potentially Affecting This Station

Chan Ref. No.	Call	City/State	Dist(km)	Status	Application	
42	WQRF-TV	ROCKFORD IL	134.5	CP MOD	BMPCDT	-
20070207ABW						
42	WNDU-TV	SOUTH BEND IN	121.9	LIC	BLCDT	-
20060717AAG						
42	WNDU-TV	SOUTH BEND IN	121.8	CP	BPCDT	-
20080619AAB						
43	KFXB-TV	DUBUQUE IA	255.8	LIC	BLCDT	-
20090528AEV						
43	WTVS	DETROIT MI	373.0	CP	BPEDT	-
20080620AAL						
43	WTVS	DETROIT MI	373.0	LIC	BLEDT	-
20001117ABV						
43	WWRS-TV	MAYVILLE WI	187.8	APP	BPCDT	-
20080618ATT						
43	WWRS-TV	MAYVILLE WI	187.8	LIC	BLCDT	-
20050825AEW						
44	WLS-TV	CHICAGO IL	0.0	APP	BPCDT	-
NEWWLSDT44						
44	WLS-TV	CHICAGO IL	0.0	PLN	DTVPLN	-
DTVP1568						

Total scenarios = 4

Result key: 17
Scenario 1 Affected station 7
Before Analysis

Results for: 43A IL CHICAGO BLCDT 20010226ABH LIC
HAAT 510.0 m, ATV ERP 200.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	9300482	26824.1
not affected by terrain losses	9300264	26812.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	36987	718.9
lost to ATV IX only	36987	718.9
lost to all IX	36987	718.9

Potential Interfering Stations Included in above Scenario 1

42A IL ROCKFORD	BMPCDT	20070207ABW	CP
42A IN SOUTH BEND	BLCDT	20060717AAG	LIC
43A IA DUBUQUE	BLCDT	20090528AEV	LIC
43A WI MAYVILLE	BLCDT	20050825AEW	LIC

After Analysis

Results for: 43A IL CHICAGO BLCDT 20010226ABH LIC
HAAT 510.0 m, ATV ERP 200.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	9300482	26824.1
not affected by terrain losses	9300264	26812.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	45837	839.4
lost to ATV IX only	45837	839.4
lost to all IX	45837	839.4

Potential Interfering Stations Included in above Scenario 1

42A IL ROCKFORD	BMPCDT	20070207ABW	CP
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42A IN SOUTH BEND	BLCDT	20060717AAG	LIC
43A IA DUBUQUE	BLCDT	20090528AEV	LIC
43A WI MAYVILLE	BLCDT	20050825AEW	LIC
44A IL CHICAGO	BPCDT	NEWWLSDT44	APP

Percent new IX = 0.0955%

Result key: 18
 Scenario 2 Affected station 7
 Before Analysis

Results for: 43A IL CHICAGO BLCDT 20010226ABH LIC
 HAAT 510.0 m, ATV ERP 200.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	9300482	26824.1
not affected by terrain losses	9300264	26812.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	43680	799.2
lost to ATV IX only	43680	799.2
lost to all IX	43680	799.2

Potential Interfering Stations Included in above Scenario 2

42A IL ROCKFORD	BMPCDT	20070207ABW	CP
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 BLCDT 20010226ABH LIC
 HAAT 510.0 m, ATV ERP 200.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	9300482	26824.1
not affected by terrain losses	9300264	26812.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	52530	919.7
lost to ATV IX only	52530	919.7
lost to all IX	52530	919.7

Potential Interfering Stations Included in above Scenario 2

42A IL ROCKFORD	BMPCDT	20070207ABW	CP
42A IN SOUTH BEND	BPCDT	20080619AAB	CP
43A IA DUBUQUE	BLCDT	20090528AEV	LIC
43A WI MAYVILLE	BLCDT	20050825AEW	LIC
44A IL CHICAGO	BPCDT	NEWWLSDT44	APP

Percent new IX = 0.0956%

Result key: 19
 Scenario 3 Affected station 7
 Before Analysis

Results for: 43A IL CHICAGO BLCDT 20010226ABH LIC
 HAAT 510.0 m, ATV ERP 200.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	9300482	26824.1
not affected by terrain losses	9300264	26812.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	66954	1024.1
lost to ATV IX only	66954	1024.1
lost to all IX	66954	1024.1

Potential Interfering Stations Included in above Scenario 3

44A IL CHICAGO BPCDT NEWWLSDT44 APP

Percent new IX = 0.0959%

Worst case new IX 0.0959% Scenario 4

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Analysis of Interference to Affected Station 8

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
43	WWRN-TV	MAYVILLE WI	BPCDT	-

20080618ATT

Stations Potentially Affecting This Station

Chan Ref. No.	Call	City/State	Dist(km)	Status	Application
42 20070207ABW	WQRF-TV	ROCKFORD IL	138.1	CP MOD	BMPCDT -
42 20040818AAP	WPNE-TV	GREEN BAY WI	116.0	LIC	BMLEDT -
43 20090528AEV	KFXB-TV	DUBUQUE IA	198.4	LIC	BLCDT -
43 20080619AIL	WCPX-TV	CHICAGO IL	186.1	APP	BPCDT -
43 20010226ABH	WCPX-TV	CHICAGO IL	187.8	LIC	BLCDT -
44 NEWWLSDT44	WLS-TV	CHICAGO IL	187.8	APP	BPCDT -
44 DTVP1568	WLS-TV	CHICAGO IL	187.8	PLN	DTVPLN -

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	WWRN-TV	MAYVILLE WI	BPCDT	-

20050825AEW

Stations Potentially Affecting This Station

Chan Ref. No.	Call	City/State	Dist(km)	Status	Application
42 20070207ABW	WQRF-TV	ROCKFORD IL	138.1	CP MOD	BMPCDT -
42 20040818AAP	WPNE-TV	GREEN BAY WI	116.0	LIC	BMLEDT -
43 20090528AEV	KFXB-TV	DUBUQUE IA	198.4	LIC	BLCDT -
43 20080619AIL	WCPX-TV	CHICAGO IL	186.1	APP	BPCDT -
43 20010226ABH	WCPX-TV	CHICAGO IL	187.8	LIC	BLCDT -
44 NEWWLSDT44	WLS-TV	CHICAGO IL	187.8	APP	BPCDT -

44 WLS-TV CHICAGO IL 187.8 PLN DTVPLN -
 DTVP1568
 Proposal causes no interference

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Analysis of Interference to Affected Station 10

Analysis of current record

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

Stations Potentially Affecting This Station

Chan Ref. No.	Call	City/State	Dist(km)	Status	Application
43	KTVI	ST LOUIS MO	161.6	LIC	BLCDT -
20040903AAY					
44	WLS-TV	CHICAGO IL	276.8	APP	BPCDT -
NEWWLSDT44					
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: 21
 Scenario 1 Affected station 10
 Before Analysis

Results for: 44A IL SPRINGFIELD BPCDT 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	BLCDT	20040903AAY	LIC
44A IN INDIANAPOLIS	BPEDT	20080617AEQ	CP

After Analysis

Results for: 44A IL SPRINGFIELD BPCDT 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	6128	279.9

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	776	60.0
lost to ATV IX only	776	60.0
lost to all IX	776	60.0

Potential Interfering Stations Included in above Scenario 1

43A MO ST LOUIS	BLCDT	20040903AAY	LIC
44A IL CHICAGO	BPCDT	NEWWLSDT44	APP

Percent new IX = 0.0371%

Worst case new IX 0.0371% Scenario 1

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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 Ref. No.	Call	City/State	Dist(km)	Status	Application
44 NEWWLSDT44	WLS-TV	CHICAGO IL	251.2	APP	BPCDT -
44 20080620AGF	WRSP-TV	SPRINGFIELD IL	276.7	CP	BPCDT -
44 20050317ADQ	WRSP-TV	SPRINGFIELD IL	276.7	LIC	BLCDT -
44 20080512AEM	WTSF	ASHLAND KY	366.5	LIC	BLCDT -
44 20011121ABI	WKON	OWENTON KY	193.9	LIC	BLEDT -
44 20020510AAG	WZPX-TV	BATTLE CREEK MI	323.8	LIC	BLCDT -
44 19990720LH	WWJ-TV	DETROIT MI	380.6	LIC	BLCDT -
44 20080616ABD	WWJ-TV	DETROIT MI	380.7	CP MOD	BMPCDT -
44 20081209AAB	WTLW	LIMA OH	196.7	LIC	BLCDT -
44 20070813ABW	WJFB	LEBANON TN	416.1	LIC	BLCDT -
44 20080619AAQ	WJFB	LEBANON TN	406.8	CP	BPCDT -
45 20090921ACE	WXIN	INDIANAPOLIS IN	0.7	LIC	BLCDT -
44 DTVP1568	WLS-TV	CHICAGO IL	251.2	PLN	DTVPLN -

Total scenarios = 2

Result key: 23
 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	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 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	20783	323.5
lost to ATV IX only	20783	323.5
lost to all IX	20783	323.5

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
44A IL CHICAGO	BPCDT	NEWWLSDT44	APP

Percent new IX = 0.1643%

Result key: 24
 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	20302	303.6
lost to ATV IX only	20302	303.6
lost to all IX	20302	303.6

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
44A IL CHICAGO	BPCDT	NEWWLSDT44	APP

Percent new IX = 0.1642%

Worst case new IX 0.1643% 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 Ref. No.	Call	City/State	Dist(km)	Status	Application
44 NEWWLSDT44	WLS-TV	CHICAGO IL	251.2	APP	BPCDT -
44 20080620AGF	WRSP-TV	SPRINGFIELD IL	276.7	CP	BPCDT -
44 20050317ADQ	WRSP-TV	SPRINGFIELD IL	276.7	LIC	BLCDT -
44 20080512AEM	WTSF	ASHLAND KY	366.5	LIC	BLCDT -
44 20011121ABI	WKON	OWENTON KY	193.9	LIC	BLEDT -
44 20020510AAG	WZPX-TV	BATTLE CREEK MI	323.8	LIC	BLCDT -
44 19990720LH	WWJ-TV	DETROIT MI	380.6	LIC	BLCDT -
44 20080616ABD	WWJ-TV	DETROIT MI	380.7	CP MOD	BMPCDT -
44 20081209AAB	WTLW	LIMA OH	196.7	LIC	BLCDT -
44 20070813ABW	WJFB	LEBANON TN	416.1	LIC	BLCDT -
44 20080619AAQ	WJFB	LEBANON TN	406.8	CP	BPCDT -
45 20090921ACE	WXIN	INDIANAPOLIS IN	0.7	LIC	BLCDT -
44 DTVP1568	WLS-TV	CHICAGO IL	251.2	PLN	DTVPLN -

Total scenarios = 2

Result key: 25
 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
not affected by terrain losses	2499683	25871.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	14966	487.2
lost to ATV IX only	14966	487.2
lost to all IX	14966	487.2

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
44A IL CHICAGO	BPCDT	NEWWLSDT44	APP

Percent new IX = 0.0992%

Result key: 26
 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	12549	339.4
lost to ATV IX only	12549	339.4
lost to all IX	12549	339.4

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
44A IL CHICAGO	BPCDT	NEWWLSDT44	APP

Percent new IX = 0.1058%

Worst case new IX 0.1058% Scenario 2

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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 Ref. No.	Call	City/State	Dist(km)	Status	Application
43	WCPX-TV	CHICAGO IL	228.5	APP	BPCDT -
20080619AIL					
43	WTVS	DETROIT MI	157.1	CP	BPEDT -
20080620AAL					
43	WTVS	DETROIT MI	157.1	LIC	BLEDT -
20001117ABV					
44	WLS-TV	CHICAGO IL	229.3	APP	BPCDT -
NEWWLSDT44					
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 -
19990720LH					
44	WWJ-TV	DETROIT MI	157.1	CP MOD	BMPCDT -
20080616ABD					
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 = 2

Result key: 27
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	87297	1334.7
lost to ATV IX only	87297	1334.7
lost to all IX	87297	1334.7

Potential Interfering Stations Included in above Scenario 1

44A MI DETROIT BLCDT 19990720LH 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	90568	1398.8
lost to ATV IX only	90568	1398.8
lost to all IX	90568	1398.8

Potential Interfering Stations Included in above Scenario 1

44A MI DETROIT BLCDT 19990720LH LIC
45A MI KALAMAZOO BLCDT 20070529AEA LIC
44A IL CHICAGO BPCDT NEWWLSDT44 APP

Percent new IX = 0.1707%

Result key: 28
Scenario 2 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 2

44A MI DETROIT BMPCDT 20080616ABD CP
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	112221	1627.3
lost to ATV IX only	112221	1627.3
lost to all IX	112221	1627.3

Potential Interfering Stations Included in above Scenario 2

44A MI DETROIT	BMPCDT	20080616ABD	CP
45A MI KALAMAZOO	BLCDT	20070529AEA	LIC
44A IL CHICAGO	BPCDT	NEWWLSDT44	APP

Percent new IX = 0.1727%

Worst case new IX 0.1727% Scenario 2

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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	-19990720LH

Stations Potentially Affecting This Station

Chan Ref. No.	Call	City/State	Dist(km)	Status	Application	
43	WTVS	DETROIT MI	0.0	CP	BPEDT	-
20080620AAL						
43	WTVS	DETROIT MI	0.0	LIC	BLEDT	-
20001117ABV						
44	WLS-TV	CHICAGO IL	373.0	APP	BPCDT	-
NEWWLSDT44						
44	WDTI	INDIANAPOLIS IN	380.6	LIC	BLEDT	-
20080519ABT						
44	WDTI	INDIANAPOLIS IN	380.6	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.
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44 WWJ-TV DETROIT MI BMPCDT -
 20080616ABD

Stations Potentially Affecting This Station

Chan Ref. No.	Call	City/State	Dist(km)	Status	Application
43	WTVS	DETROIT MI	0.0	CP	BPEDT -
20080620AAL					
43	WTVS	DETROIT MI	0.0	LIC	BLEDT -
20001117ABV					
44	WLS-TV	CHICAGO IL	373.0	APP	BPCDT -
NEWWLSDT44					
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 17

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
44	WTLW	LIMA OH	BLCDT	-
20081209AAB				

Stations Potentially Affecting This Station

Chan Ref. No.	Call	City/State	Dist(km)	Status	Application
43	WTVS	DETROIT MI	205.2	CP	BPEDT -
20080620AAL					
43	WTVS	DETROIT MI	205.2	LIC	BLEDT -
20001117ABV					
44	WLS-TV	CHICAGO IL	313.7	APP	BPCDT -
NEWWLSDT44					
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 -
19990720LH					
44	WWJ-TV	DETROIT MI	205.2	CP MOD	BMPCDT -

20080616ABD
 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 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 Ref. No.	Call	City/State	Dist(km)	Status	Application	
44	WLS-TV	CHICAGO IL	0.0	APP	BPCDT -	
NEWWLSDT44						
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	APP	BPCDT -
20090716AAZ	46	WHME-DR	SOUTH BEND IN	126.4	APP	BPRM -
20080619AET	46	WDJT-TV	MILWAUKEE WI	139.1	CP MOD	BMPCDT -
20000419ABR	44	WLS-TV	CHICAGO IL	0.0	PLN	DTVPLN -

DTVP1568

Total scenarios = 5

Result key: 29
 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	14608	152.4
lost to ATV IX only	14608	152.4
lost to all IX	14608	152.4

Potential Interfering Stations Included in above Scenario 1

45A IN INDIANAPOLIS	BLCDT	20090921ACE	LIC
46A WI MILWAUKEE	BMPCDT	20000419ABR	CP

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	45995	577.7
lost to ATV IX only	45995	577.7
lost to all IX	45995	577.7

Potential Interfering Stations Included in above Scenario 1

45A IN INDIANAPOLIS	BLCDT	20090921ACE	LIC
46A WI MILWAUKEE	BMPCDT	20000419ABR	CP
44A IL CHICAGO	BPCDT	NEWWLSDT44	APP

Percent new IX = 0.3338%

Result key: 30
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	53123	758.2
lost to ATV IX only	53123	758.2
lost to all IX	53123	758.2

Potential Interfering Stations Included in above Scenario 2

45A IN INDIANAPOLIS	BLCDT	20090921ACE	LIC
46A IN SOUTH BEND	BPCDT	20090716AAZ	APP
46A IN SOUTH BEND	BPRM	20080619AET	APP
46A WI MILWAUKEE	BMPCDT	20000419ABR	CP

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	78795	1147.3
lost to ATV IX only	78795	1147.3
lost to all IX	78795	1147.3

Potential Interfering Stations Included in above Scenario 2

45A IN INDIANAPOLIS	BLCDT	20090921ACE	LIC
46A IN SOUTH BEND	BPCDT	20090716AAZ	APP
46A IN SOUTH BEND	BPRM	20080619AET	APP
46A WI MILWAUKEE	BMPCDT	20000419ABR	CP
44A IL CHICAGO	BPCDT	NEWWLSDT44	APP

Percent new IX = 0.2741%

Result key: 31
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	53123	758.2
lost to ATV IX only	53123	758.2
lost to all IX	53123	758.2

Potential Interfering Stations Included in above Scenario 3

45A IN INDIANAPOLIS	BLCDT	20090921ACE	LIC
46A IN SOUTH BEND	BPCDT	20090716AAZ	APP
46A WI MILWAUKEE	BMPCDT	20000419ABR	CP

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	78795	1147.3
lost to ATV IX only	78795	1147.3
lost to all IX	78795	1147.3

Potential Interfering Stations Included in above Scenario 3

45A IN INDIANAPOLIS	BLCDT	20090921ACE	LIC
46A IN SOUTH BEND	BPCDT	20090716AAZ	APP
46A WI MILWAUKEE	BMPCDT	20000419ABR	CP
44A IL CHICAGO	BPCDT	NEWWLSDT44	APP

Percent new IX = 0.2741%

Result key: 32
Scenario 4 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	53123	758.2
lost to ATV IX only	53123	758.2
lost to all IX	53123	758.2

Potential Interfering Stations Included in above Scenario 4

45A IN INDIANAPOLIS	BLCDT	20090921ACE	LIC
46A IN SOUTH BEND	BPRM	20080619AET	APP
46A WI MILWAUKEE	BMPCDT	20000419ABR	CP

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	78795	1147.3
lost to ATV IX only	78795	1147.3
lost to all IX	78795	1147.3

Potential Interfering Stations Included in above Scenario 4

45A IN INDIANAPOLIS	BLCDT	20090921ACE	LIC
46A IN SOUTH BEND	BPRM	20080619AET	APP
46A WI MILWAUKEE	BMPCDT	20000419ABR	CP
44A IL CHICAGO	BPCDT	NEWWLSDT44	APP

Percent new IX = 0.2741%

Result key: 33
 Scenario 5 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	14608	152.4
lost to ATV IX only	14608	152.4
lost to all IX	14608	152.4

Potential Interfering Stations Included in above Scenario 5

45A IN INDIANAPOLIS	BLCDT	20090921ACE	LIC
46A WI MILWAUKEE	BMPCDT	20000419ABR	CP

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	45995	577.7
lost to ATV IX only	45995	577.7
lost to all IX	45995	577.7

Potential Interfering Stations Included in above Scenario 5

45A IN INDIANAPOLIS	BLCDT	20090921ACE	LIC
46A WI MILWAUKEE	BMPCDT	20000419ABR	CP
44A IL CHICAGO	BPCDT	NEWWLSDT44	APP

Percent new IX = 0.3338%

Worst case new IX 0.3338% Scenario 1

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Analysis of current record
Channel Call City/State Application Ref. No.
45 WSNS-TV CHICAGO IL BPCDT -
20080620AMW

Stations Potentially Affecting This Station

Chan Ref. No.	Call	City/State	Dist(km)	Status	Application	
44	WLS-TV	CHICAGO IL	0.0	APP	BPCDT	-
NEWWLSDT44						
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	APP	BPCDT	-
20090716AAZ						
46	WHME-DR	SOUTH BEND IN	126.4	APP	BPRM	-
20080619AET						
46	WDJT-TV	MILWAUKEE WI	139.1	CP MOD	BMPCDT	-
20000419ABR						
44	WLS-TV	CHICAGO IL	0.0	PLN	DTVPLN	-
DTVP1568						

Total scenarios = 5

Result key: 34
Scenario 1 Affected station 19
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	20858	208.6
lost to ATV IX only	20858	208.6
lost to all IX	20858	208.6

Potential Interfering Stations Included in above Scenario 1

45A IN INDIANAPOLIS	BLCDT	20090921ACE	LIC
45A MI KALAMAZOO	BLCDT	20070529AEA	LIC
46A WI MILWAUKEE	BMPCDT	20000419ABR	CP

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	34914	425.2
lost to ATV IX only	34914	425.2
lost to all IX	34914	425.2

Potential Interfering Stations Included in above Scenario 1

45A IN INDIANAPOLIS	BLCDT	20090921ACE	LIC
45A MI KALAMAZOO	BLCDT	20070529AEA	LIC
46A WI MILWAUKEE	BMPCDT	20000419ABR	CP
44A IL CHICAGO	BPCDT	NEWWLSDT44	APP

Percent new IX = 0.1486%

Result key: 35
 Scenario 2 Affected station 19
 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	60155	942.7
lost to ATV IX only	60155	942.7
lost to all IX	60155	942.7

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	APP
46A IN SOUTH BEND	BPRM	20080619AET	APP
46A WI MILWAUKEE	BMPCDT	20000419ABR	CP

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	72636	1135.2
lost to ATV IX only	72636	1135.2
lost to all IX	72636	1135.2

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	APP
46A IN SOUTH BEND	BPRM	20080619AET	APP
46A WI MILWAUKEE	BMPCDT	20000419ABR	CP
44A IL CHICAGO	BPCDT	NEWWLSDT44	APP

Percent new IX = 0.1325%

Result key: 36
 Scenario 3 Affected station 19
 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	59957	938.7
lost to ATV IX only	59957	938.7

lost to all IX 59957 938.7

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	APP
46A WI MILWAUKEE	BMPCDT	20000419ABR	CP

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	72438	1131.2
lost to ATV IX only	72438	1131.2
lost to all IX	72438	1131.2

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	APP
46A WI MILWAUKEE	BMPCDT	20000419ABR	CP
44A IL CHICAGO	BPCDT	NEWWLSDT44	APP

Percent new IX = 0.1325%

Result key: 37
Scenario 4 Affected station 19
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	60155	942.7
lost to ATV IX only	60155	942.7
lost to all IX	60155	942.7

Potential Interfering Stations Included in above Scenario 4

45A IN INDIANAPOLIS	BLCDT	20090921ACE	LIC
45A MI KALAMAZOO	BLCDT	20070529AEA	LIC
46A IN SOUTH BEND	BPRM	20080619AET	APP
46A WI MILWAUKEE	BMPCDT	20000419ABR	CP

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	72636	1135.2
lost to ATV IX only	72636	1135.2
lost to all IX	72636	1135.2

Potential Interfering Stations Included in above Scenario 4

45A IN INDIANAPOLIS	BLCDT	20090921ACE	LIC
45A MI KALAMAZOO	BLCDT	20070529AEA	LIC
46A IN SOUTH BEND	BPRM	20080619AET	APP
46A WI MILWAUKEE	BMPCDT	20000419ABR	CP
44A IL CHICAGO	BPCDT	NEWWLSDT44	APP

Percent new IX = 0.1325%

Result key: 38
 Scenario 5 Affected station 19
 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	20858	208.6
lost to ATV IX only	20858	208.6
lost to all IX	20858	208.6

Potential Interfering Stations Included in above Scenario 5

45A IN INDIANAPOLIS	BLCDT	20090921ACE	LIC
45A MI KALAMAZOO	BLCDT	20070529AEA	LIC
46A WI MILWAUKEE	BMPCDT	20000419ABR	CP

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	34914	425.2
lost to ATV IX only	34914	425.2
lost to all IX	34914	425.2

Potential Interfering Stations Included in above Scenario 5

45A IN INDIANAPOLIS	BLCDT	20090921ACE	LIC
45A MI KALAMAZOO	BLCDT	20070529AEA	LIC
46A WI MILWAUKEE	BMPCDT	20000419ABR	CP
44A IL CHICAGO	BPCDT	NEWWLSDT44	APP

Percent new IX = 0.1486%

Worst case new IX 0.1486% Scenario 1

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Analysis of Interference to Affected Station 20

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
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Ref. No.	Call	City/State	Dist(km)	Status	Application	Ref. No.
44	WLS-TV	CHICAGO IL	194.7	APP	BPCDT	-
NEWWLSDT44						
44	WZPX-TV	BATTLE CREEK MI	34.6	LIC	BLCDT	-
20020510AAG						
44	WWJ-TV	DETROIT MI	187.7	LIC	BLCDT	-
19990720LH						
44	WWJ-TV	DETROIT MI	187.7	CP MOD	BMPCDT	-
20080616ABD						
44	WTLW	LIMA OH	226.5	LIC	BLCDT	-
20081209AAB						
45	WSNS-TV	CHICAGO IL	194.8	LIC	BLCDT	-
20010612AIB						
45	WSNS-TV	CHICAGO IL	194.8	CP	BPCDT	-
20080620AMW						
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	CP	BPCDT	-
20081119AMT						
45	WNEO	ALLIANCE OH	419.7	LIC	BLEDT	-
20090129AAN						
46	WHME-TV	SOUTH BEND IN	122.3	APP	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	APP	BPCDT	-
20080619AJB						
46	WUPW	TOLEDO OH	194.3	LIC	BLCDT	-
20030411AAF						
46	WDJT-TV	MILWAUKEE WI	210.4	CP MOD	BMPCDT	-
20000419ABR						
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 21

Analysis of current record

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

Stations Potentially Affecting This Station

Chan Ref. No.	Call	City/State	Dist(km)	Status	Application	Ref. No.
41	WIFR	FREEPORT IL	137.8	LIC	BLCDT	-
20041012AIQ						
41	WIFR-DR	FREEPORT IL	137.8	APP	BPRM	-
20080620AOH						
41	WIFR	FREEPORT IL	137.8	CP MOD	BMPCDT	-
20081110ADQ						
41	WIFR	FREEPORT IL	137.8	CP MOD	BMPCDT	-

20050103AFQ	44	WLS-TV	CHICAGO IL	42.2	APP	BPCDT	-
NEWWLSDT44	45	WSNS-TV	CHICAGO IL	42.2	LIC	BLCDT	-
20010612AIB	45	WSNS-TV	CHICAGO IL	42.2	CP	BPCDT	-
20080620AMW	46	WHME-TV	SOUTH BEND IN	141.0	APP	BPCDT	-
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	CP MOD	BMPCDT	-
20050701ACC	48	WTTV-DR	BLOOMINGTON IN	277.2	LIC	BPRM	-
20030820AEO	48	WTTV	BLOOMINGTON IN	277.2	LIC	BLCDT	-
20060630ACD	48	WTTV	BLOOMINGTON IN	277.2	CP MOD	BMPCDT	-
20080619AKO	48	WHME-TV	SOUTH BEND IN	141.0	APP	BPCDT	-
20080619ABC	48	WHME-TV	SOUTH BEND IN	141.0	LIC	BLCDT	-
20060109ABG	48	WAQP	SAGINAW MI	363.9	LIC	BLCDT	-
20060824ADS	48	WXOW	LA CROSSE WI	382.1	LIC	BLCDT	-
20090622ACY	48	WXOW-DR	LA CROSSE WI	382.1	APP	BPRM	-
20080620AOE	48	WBME-TV	RACINE WI	175.2	LIC	BLCDT	-
20090807ACD	50	WXFT-DT	AURORA IL	42.2	CP MOD	BMPCDT	-
20080616ACK	50	WXFT-DT	AURORA IL	42.2	LIC	BLCDT	-
20090618ACE	51	WPWR-TV	GARY IN	42.2	LIC	BLCDT	-
20050425ACE	52	WLS-TV	CHICAGO IL	42.2	LIC	BLCDT	-
20010109AAV	44	WLS-TV	CHICAGO IL	42.2	PLN	DTVPLN	-

DTVP1568
Proposal causes no interference

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Analysis of Interference to Affected Station 22

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
48	WMEU-CA	CHICAGO IL	BSTA	-
20041103AKF				

Stations Potentially Affecting This Station

Chan Ref. No.	Call	City/State	Dist(km)	Status	Application	
40	WPXE-TV	KENOSHA WI	137.0	LIC	BLCDT -	
20040206AAT	41	WIFR	FREEPORT IL	134.8	LIC	BLCDT -
20041012AIQ	41	WIFR-DR	FREEPORT IL	134.8	APP	BPRM -

20080620AOH									
41	WIFR	FREEPORT IL	134.8	CP MOD	BMPCDT	-			
20081110ADQ									
41	WIFR	FREEPORT IL	134.8	CP MOD	BMPCDT	-			
20050103AFQ									
44	WLS-TV	CHICAGO IL	0.0	APP	BPCDT	-			
NEWWLSDT44									
45	WSNS-TV	CHICAGO IL	0.0	LIC	BLCDT	-			
20010612AIB									
45	WSNS-TV	CHICAGO IL	0.0	CP	BPCDT	-			
20080620AMW									
46	WHME-TV	SOUTH BEND IN	126.4	APP	BPCDT	-			
20090716AAZ									
46	WHME-DR	SOUTH BEND IN	126.4	APP	BPRM	-			
20080619AET									
46	WDJT-TV	MILWAUKEE WI	139.1	CP MOD	BMPCDT	-			
20000419ABR									
47	WTTW	CHICAGO IL	0.0	LIC	BLEDT	-			
20020408ABK									
48	WCIA	CHAMPAIGN IL	208.6	CP MOD	BMPCDT	-			
20050701ACC									
48	WTTV-DR	BLOOMINGTON IN	302.0	LIC	BPRM	-			
20030820AEO									
48	WTTV	BLOOMINGTON IN	302.0	LIC	BLCDT	-			
20060630ACD									
48	WTTV	BLOOMINGTON IN	302.0	CP MOD	BMPCDT	-			
20080619AKO									
48	WHME-TV	SOUTH BEND IN	126.4	APP	BPCDT	-			
20080619ABC									
48	WHME-TV	SOUTH BEND IN	126.4	LIC	BLCDT	-			
20060109ABG									
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	CP MOD	BMPCDT	-			
20080616ACK									
50	WXFT-DT	AURORA IL	0.0	LIC	BLCDT	-			
20090618ACE									
51	WPWR-TV	GARY IN	0.0	LIC	BLCDT	-			
20050425ACE									
52	WLS-TV	CHICAGO IL	0.0	LIC	BLCDT	-			
20010109AAV									
44	WLS-TV	CHICAGO IL	0.0	PLN	DTVPLN	-			

DTVP1568

Proposal causes no interference

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Analysis of Interference to Affected Station 23

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
48	WMEU-CA	CHICAGO IL	BPTTA	-
20080804ABH				

Stations Potentially Affecting This Station

Chan Ref. No.	Call	City/State	Dist(km)	Status	Application	
40	WPXE-TV	KENOSHA WI	137.0	LIC	BLCDDT	-
20040206AAT						
41	WIFR	FREEPORR IL	134.8	LIC	BLCDDT	-
20041012AIQ						
41	WIFR-DR	FREEPORR IL	134.8	APP	BPRM	-
20080620AOH						
41	WIFR	FREEPORR IL	134.8	CP MOD	BMPCDDT	-
20081110ADQ						
41	WIFR	FREEPORR IL	134.8	CP MOD	BMPCDDT	-
20050103AFQ						
44	WLS-TV	CHICAGO IL	0.0	APP	BPCDDT	-
NEWWLSDDT44						
45	WSNS-TV	CHICAGO IL	0.0	LIC	BLCDDT	-
20010612AIB						
45	WSNS-TV	CHICAGO IL	0.0	CP	BPCDDT	-
20080620AMW						
46	WHME-TV	SOUTH BEND IN	126.4	APP	BPCDDT	-
20090716AAZ						
46	WHME-DR	SOUTH BEND IN	126.4	APP	BPRM	-
20080619AET						
46	WDJT-TV	MILWAUKEE WI	139.1	CP MOD	BMPCDDT	-
20000419ABR						
47	WTTW	CHICAGO IL	0.0	LIC	BLEDT	-
20020408ABK						
48	WCIA	CHAMPAIGN IL	208.6	CP MOD	BMPCDDT	-
20050701ACC						
48	WTTV-DR	BLOOMINGTON IN	302.0	LIC	BPRM	-
20030820AEO						
48	WTTV	BLOOMINGTON IN	302.0	LIC	BLCDDT	-
20060630ACD						
48	WTTV	BLOOMINGTON IN	302.0	CP MOD	BMPCDDT	-
20080619AKO						
48	WHME-TV	SOUTH BEND IN	126.4	APP	BPCDDT	-
20080619ABC						
48	WHME-TV	SOUTH BEND IN	126.4	LIC	BLCDDT	-
20060109ABG						
48	WAQP	SAGINAW MI	329.1	LIC	BLCDDT	-
20060824ADS						
48	WXOW	LA CROSSE WI	371.9	LIC	BLCDDT	-
20090622ACY						
48	WXOW-DR	LA CROSSE WI	371.9	APP	BPRM	-
20080620AOE						
48	WBME-TV	RACINE WI	139.1	LIC	BLCDDT	-
20090807ACD						
49	WOCH-CA	CHICAGO IL	2.5	CP MOD	BMPDDT	-
20100409AAK						
50	WXFT-DT	AURORA IL	0.0	CP MOD	BMPCDDT	-
20080616ACK						
50	WXFT-DT	AURORA IL	0.0	LIC	BLCDDT	-
20090618ACE						
51	WPWR-TV	GARY IN	0.0	LIC	BLCDDT	-
20050425ACE						
52	WLS-TV	CHICAGO IL	0.0	LIC	BLCDDT	-
20010109AAV						
44	WLS-TV	CHICAGO IL	0.0	PLN	DTVPLN	-

Total scenarios = 8

Result key: 39
Scenario 1 Affected station 23
Before Analysis

50A IL AURORA	BLCDT	20090618ACE	LIC
51A IN GARY	BLCDT	20050425ACE	LIC
52A IL CHICAGO	BLCDT	20010109AAV	LIC

After Analysis

Results for: 48N IL CHICAGO	BPTTA	20080804ABH	CP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	5729037	3427.1	
not affected by terrain losses	5729037	3427.1	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	809317	393.3	
lost to all IX	809317	393.3	

Potential Interfering Stations Included in above Scenario 2

45A IL CHICAGO	BLCDT	20010612AIB	LIC
47A IL CHICAGO	BLEDT	20020408ABK	LIC
48A IL CHAMPAIGN	BMPCDT	20050701ACC	CP
48A IN SOUTH BEND	BLCDT	20060109ABG	LIC
48A WI RACINE	BLCDT	20090807ACD	LIC
49A IL CHICAGO	BMPDTA	20100409AAK	CP
50A IL AURORA	BLCDT	20090618ACE	LIC
51A IN GARY	BLCDT	20050425ACE	LIC
52A IL CHICAGO	BLCDT	20010109AAV	LIC
44A IL CHICAGO	BPCDT	NEWWLSDT44	APP

Percent new IX = 0.0000%

Result key: 41
Scenario 3 Affected station 23
Before Analysis

Results for: 48N IL CHICAGO	BPTTA	20080804ABH	CP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	5729037	3427.1	
not affected by terrain losses	5729037	3427.1	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	809317	393.3	
lost to all IX	809317	393.3	

Potential Interfering Stations Included in above Scenario 3

45A IL CHICAGO	BPCDT	20080620AMW	CP
47A IL CHICAGO	BLEDT	20020408ABK	LIC
48A IL CHAMPAIGN	BMPCDT	20050701ACC	CP
48A IN SOUTH BEND	BLCDT	20060109ABG	LIC
48A WI RACINE	BLCDT	20090807ACD	LIC
49A IL CHICAGO	BMPDTA	20100409AAK	CP
50A IL AURORA	BMPCDT	20080616ACK	CP
51A IN GARY	BLCDT	20050425ACE	LIC
52A IL CHICAGO	BLCDT	20010109AAV	LIC

After Analysis

Results for: 48N IL CHICAGO	BPTTA	20080804ABH	CP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	5729037	3427.1	
not affected by terrain losses	5729037	3427.1	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	809317	393.3	
lost to all IX	809317	393.3	

Potential Interfering Stations Included in above Scenario 3

45A IL CHICAGO	BPCDT	20080620AMW	CP
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47A IL CHICAGO	BLEDT	20020408ABK	LIC
48A IL CHAMPAIGN	BMPCDT	20050701ACC	CP
48A IN SOUTH BEND	BLCDT	20060109ABG	LIC
48A WI RACINE	BLCDT	20090807ACD	LIC
49A IL CHICAGO	BMPDTA	20100409AAK	CP
50A IL AURORA	BMPCDT	20080616ACK	CP
51A IN GARY	BLCDT	20050425ACE	LIC
52A IL CHICAGO	BLCDT	20010109AAV	LIC
44A IL CHICAGO	BPCDT	NEWWLSDT44	APP

Percent new IX = 0.0000%

Result key: 42
Scenario 4 Affected station 23
Before Analysis

Results for: 48N IL CHICAGO	BPTTA	20080804ABH	CP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	5729037	3427.1	
not affected by terrain losses	5729037	3427.1	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	809317	393.3	
lost to all IX	809317	393.3	

Potential Interfering Stations Included in above Scenario 4

45A IL CHICAGO	BPCDT	20080620AMW	CP
47A IL CHICAGO	BLEDT	20020408ABK	LIC
48A IL CHAMPAIGN	BMPCDT	20050701ACC	CP
48A IN SOUTH BEND	BLCDT	20060109ABG	LIC
48A WI RACINE	BLCDT	20090807ACD	LIC
49A IL CHICAGO	BMPDTA	20100409AAK	CP
50A IL AURORA	BLCDT	20090618ACE	LIC
51A IN GARY	BLCDT	20050425ACE	LIC
52A IL CHICAGO	BLCDT	20010109AAV	LIC

After Analysis

Results for: 48N IL CHICAGO	BPTTA	20080804ABH	CP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	5729037	3427.1	
not affected by terrain losses	5729037	3427.1	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	809317	393.3	
lost to all IX	809317	393.3	

Potential Interfering Stations Included in above Scenario 4

45A IL CHICAGO	BPCDT	20080620AMW	CP
47A IL CHICAGO	BLEDT	20020408ABK	LIC
48A IL CHAMPAIGN	BMPCDT	20050701ACC	CP
48A IN SOUTH BEND	BLCDT	20060109ABG	LIC
48A WI RACINE	BLCDT	20090807ACD	LIC
49A IL CHICAGO	BMPDTA	20100409AAK	CP
50A IL AURORA	BLCDT	20090618ACE	LIC
51A IN GARY	BLCDT	20050425ACE	LIC
52A IL CHICAGO	BLCDT	20010109AAV	LIC
44A IL CHICAGO	BPCDT	NEWWLSDT44	APP

Percent new IX = 0.0000%

Result key: 43
Scenario 5 Affected station 23
Before Analysis

Results for: 48N IL CHICAGO	BPTTA	20080804ABH	CP
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	POPULATION	AREA (sq km)
within Noise Limited Contour	5729037	3427.1
not affected by terrain losses	5729037	3427.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	809317	417.3
lost to all IX	809317	417.3

Potential Interfering Stations Included in above Scenario 5

45A IL CHICAGO	BLCDT	20010612AIB	LIC
47A IL CHICAGO	BLEDT	20020408ABK	LIC
48A IL CHAMPAIGN	BMPCDT	20050701ACC	CP
48A IN SOUTH BEND	BPCDT	20080619ABC	APP
48A WI RACINE	BLCDT	20090807ACD	LIC
49A IL CHICAGO	BMPDTA	20100409AAK	CP
50A IL AURORA	BMPCDT	20080616ACK	CP
51A IN GARY	BLCDT	20050425ACE	LIC
52A IL CHICAGO	BLCDT	20010109AAV	LIC

After Analysis

Results for: 48N IL CHICAGO	BPTTA	20080804ABH	CP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	5729037	3427.1	
not affected by terrain losses	5729037	3427.1	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	809317	417.3	
lost to all IX	809317	417.3	

Potential Interfering Stations Included in above Scenario 5

45A IL CHICAGO	BLCDT	20010612AIB	LIC
47A IL CHICAGO	BLEDT	20020408ABK	LIC
48A IL CHAMPAIGN	BMPCDT	20050701ACC	CP
48A IN SOUTH BEND	BPCDT	20080619ABC	APP
48A WI RACINE	BLCDT	20090807ACD	LIC
49A IL CHICAGO	BMPDTA	20100409AAK	CP
50A IL AURORA	BMPCDT	20080616ACK	CP
51A IN GARY	BLCDT	20050425ACE	LIC
52A IL CHICAGO	BLCDT	20010109AAV	LIC
44A IL CHICAGO	BPCDT	NEWWLSDT44	APP

Percent new IX = 0.0000%

Result key: 44
 Scenario 6 Affected station 23
 Before Analysis

Results for: 48N IL CHICAGO	BPTTA	20080804ABH	CP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	5729037	3427.1	
not affected by terrain losses	5729037	3427.1	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	809317	417.3	
lost to all IX	809317	417.3	

Potential Interfering Stations Included in above Scenario 6

45A IL CHICAGO	BLCDT	20010612AIB	LIC
47A IL CHICAGO	BLEDT	20020408ABK	LIC
48A IL CHAMPAIGN	BMPCDT	20050701ACC	CP
48A IN SOUTH BEND	BPCDT	20080619ABC	APP
48A WI RACINE	BLCDT	20090807ACD	LIC
49A IL CHICAGO	BMPDTA	20100409AAK	CP
50A IL AURORA	BLCDT	20090618ACE	LIC
51A IN GARY	BLCDT	20050425ACE	LIC

52A IL CHICAGO BLCDT 20010109AAV LIC

After Analysis

Results for: 48N IL CHICAGO BPTTA 20080804ABH CP
POPULATION AREA (sq km)
within Noise Limited Contour 5729037 3427.1
not affected by terrain losses 5729037 3427.1
lost to NTSC IX 0 0.0
lost to additional IX by ATV 809317 417.3
lost to all IX 809317 417.3

Potential Interfering Stations Included in above Scenario 6

45A IL CHICAGO BLCDT 20010612AIB LIC
47A IL CHICAGO BLEDT 20020408ABK LIC
48A IL CHAMPAIGN BMPCDT 20050701ACC CP
48A IN SOUTH BEND BPCDT 20080619ABC APP
48A WI RACINE BLCDT 20090807ACD LIC
49A IL CHICAGO BMPDTA 20100409AAK CP
50A IL AURORA BLCDT 20090618ACE LIC
51A IN GARY BLCDT 20050425ACE LIC
52A IL CHICAGO BLCDT 20010109AAV LIC
44A IL CHICAGO BPCDT NEWWLSDT44 APP

Percent new IX = 0.0000%

Result key: 45
Scenario 7 Affected station 23
Before Analysis

Results for: 48N IL CHICAGO BPTTA 20080804ABH CP
POPULATION AREA (sq km)
within Noise Limited Contour 5729037 3427.1
not affected by terrain losses 5729037 3427.1
lost to NTSC IX 0 0.0
lost to additional IX by ATV 809317 417.3
lost to all IX 809317 417.3

Potential Interfering Stations Included in above Scenario 7

45A IL CHICAGO BPCDT 20080620AMW CP
47A IL CHICAGO BLEDT 20020408ABK LIC
48A IL CHAMPAIGN BMPCDT 20050701ACC CP
48A IN SOUTH BEND BPCDT 20080619ABC APP
48A WI RACINE BLCDT 20090807ACD LIC
49A IL CHICAGO BMPDTA 20100409AAK CP
50A IL AURORA BMPCDT 20080616ACK CP
51A IN GARY BLCDT 20050425ACE LIC
52A IL CHICAGO BLCDT 20010109AAV LIC

After Analysis

Results for: 48N IL CHICAGO BPTTA 20080804ABH CP
POPULATION AREA (sq km)
within Noise Limited Contour 5729037 3427.1
not affected by terrain losses 5729037 3427.1
lost to NTSC IX 0 0.0
lost to additional IX by ATV 809317 417.3
lost to all IX 809317 417.3

Potential Interfering Stations Included in above Scenario 7

45A IL CHICAGO BPCDT 20080620AMW CP
47A IL CHICAGO BLEDT 20020408ABK LIC
48A IL CHAMPAIGN BMPCDT 20050701ACC CP

48A IN SOUTH BEND	BPCDT	20080619ABC	APP
48A WI RACINE	BLCDT	20090807ACD	LIC
49A IL CHICAGO	BMPDTA	20100409AAK	CP
50A IL AURORA	BMPCDT	20080616ACK	CP
51A IN GARY	BLCDT	20050425ACE	LIC
52A IL CHICAGO	BLCDT	20010109AAV	LIC
44A IL CHICAGO	BPCDT	NEWWLSDT44	APP

Percent new IX = 0.0000%

Result key: 46
Scenario 8 Affected station 23
Before Analysis

Results for: 48N IL CHICAGO	BPTTA	20080804ABH	CP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	5729037	3427.1	
not affected by terrain losses	5729037	3427.1	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	809317	417.3	
lost to all IX	809317	417.3	

Potential Interfering Stations Included in above Scenario 8

45A IL CHICAGO	BPCDT	20080620AMW	CP
47A IL CHICAGO	BLEDT	20020408ABK	LIC
48A IL CHAMPAIGN	BMPCDT	20050701ACC	CP
48A IN SOUTH BEND	BPCDT	20080619ABC	APP
48A WI RACINE	BLCDT	20090807ACD	LIC
49A IL CHICAGO	BMPDTA	20100409AAK	CP
50A IL AURORA	BLCDT	20090618ACE	LIC
51A IN GARY	BLCDT	20050425ACE	LIC
52A IL CHICAGO	BLCDT	20010109AAV	LIC

After Analysis

Results for: 48N IL CHICAGO	BPTTA	20080804ABH	CP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	5729037	3427.1	
not affected by terrain losses	5729037	3427.1	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	809317	417.3	
lost to all IX	809317	417.3	

Potential Interfering Stations Included in above Scenario 8

45A IL CHICAGO	BPCDT	20080620AMW	CP
47A IL CHICAGO	BLEDT	20020408ABK	LIC
48A IL CHAMPAIGN	BMPCDT	20050701ACC	CP
48A IN SOUTH BEND	BPCDT	20080619ABC	APP
48A WI RACINE	BLCDT	20090807ACD	LIC
49A IL CHICAGO	BMPDTA	20100409AAK	CP
50A IL AURORA	BLCDT	20090618ACE	LIC
51A IN GARY	BLCDT	20050425ACE	LIC
52A IL CHICAGO	BLCDT	20010109AAV	LIC
44A IL CHICAGO	BPCDT	NEWWLSDT44	APP

Percent new IX = 0.0000%

Worst case new IX 0.0000% Scenario 1

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Analysis of current record

Channel	Call	City/State	Application	Ref. No.
48	WMEU-CA	CHICAGO IL	BSTA	-
20081015AAR				

Stations Potentially Affecting This Station

Chan Ref. No.	Call	City/State	Dist(km)	Status	Application	
40	WPXE-TV	KENOSHA WI	137.0	LIC	BLCDDT	-
20040206AAT						
41	WIFR	FREEPOR T IL	134.8	LIC	BLCDDT	-
20041012AIQ						
41	WIFR-DR	FREEPOR T IL	134.8	APP	BPRM	-
20080620AOH						
41	WIFR	FREEPOR T IL	134.8	CP MOD	BMPCDDT	-
20081110ADQ						
41	WIFR	FREEPOR T IL	134.8	CP MOD	BMPCDDT	-
20050103AFQ						
44	WLS-TV	CHICAGO IL	0.0	APP	BPCDDT	-
NEWWLSDT44						
45	WSNS-TV	CHICAGO IL	0.0	LIC	BLCDDT	-
20010612AIB						
45	WSNS-TV	CHICAGO IL	0.0	CP	BPCDDT	-
20080620AMW						
46	WHME-TV	SOUTH BEND IN	126.4	APP	BPCDDT	-
20090716AAZ						
46	WHME-DR	SOUTH BEND IN	126.4	APP	BPRM	-
20080619AET						
46	WDJT-TV	MILWAUKEE WI	139.1	CP MOD	BMPCDDT	-
20000419ABR						
47	WTTW	CHICAGO IL	0.0	LIC	BLEDDT	-
20020408ABK						
48	WCIA	CHAMPAIGN IL	208.6	CP MOD	BMPCDDT	-
20050701ACC						
48	WTTV-DR	BLOOMINGTON IN	302.0	LIC	BPRM	-
20030820AEO						
48	WTTV	BLOOMINGTON IN	302.0	LIC	BLCDDT	-
20060630ACD						
48	WTTV	BLOOMINGTON IN	302.0	CP MOD	BMPCDDT	-
20080619AKO						
48	WHME-TV	SOUTH BEND IN	126.4	APP	BPCDDT	-
20080619ABC						
48	WHME-TV	SOUTH BEND IN	126.4	LIC	BLCDDT	-
20060109ABG						
48	WAQP	SAGINAW MI	329.1	LIC	BLCDDT	-
20060824ADS						
48	WXOW	LA CROSSE WI	371.9	LIC	BLCDDT	-
20090622ACY						
48	WXOW-DR	LA CROSSE WI	371.9	APP	BPRM	-
20080620AOE						
48	WBME-TV	RACINE WI	139.1	LIC	BLCDDT	-
20090807ACD						
49	WOCH-CA	CHICAGO IL	2.5	CP MOD	BMPDDT	-
20100409AAK						
50	WXFT-DT	AURORA IL	0.0	CP MOD	BMPCDDT	-
20080616ACK						
50	WXFT-DT	AURORA IL	0.0	LIC	BLCDDT	-
20090618ACE						
51	WPWR-TV	GARY IN	0.0	LIC	BLCDDT	-
20050425ACE						
52	WLS-TV	CHICAGO IL	0.0	LIC	BLCDDT	-
20010109AAV						
44	WLS-TV	CHICAGO IL	0.0	PLN	DTVPLN	-

DTVP1568

Total scenarios = 8

Result key: 47
Scenario 1 Affected station 24
Before Analysis

Results for: 48N IL CHICAGO	BSTA	20081015AAR	APP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	5729037	3427.1	
not affected by terrain losses	5729037	3427.1	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	809317	393.3	
lost to all IX	809317	393.3	

Potential Interfering Stations Included in above Scenario 1

45A IL CHICAGO	BLCDT	20010612AIB	LIC
47A IL CHICAGO	BLEDT	20020408ABK	LIC
48A IL CHAMPAIGN	BMPCDT	20050701ACC	CP
48A IN SOUTH BEND	BLCDT	20060109ABG	LIC
48A WI RACINE	BLCDT	20090807ACD	LIC
49A IL CHICAGO	BMPDTA	20100409AAK	CP
50A IL AURORA	BMPCDT	20080616ACK	CP
51A IN GARY	BLCDT	20050425ACE	LIC
52A IL CHICAGO	BLCDT	20010109AAV	LIC

After Analysis

Results for: 48N IL CHICAGO	BSTA	20081015AAR	APP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	5729037	3427.1	
not affected by terrain losses	5729037	3427.1	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	809317	393.3	
lost to all IX	809317	393.3	

Potential Interfering Stations Included in above Scenario 1

45A IL CHICAGO	BLCDT	20010612AIB	LIC
47A IL CHICAGO	BLEDT	20020408ABK	LIC
48A IL CHAMPAIGN	BMPCDT	20050701ACC	CP
48A IN SOUTH BEND	BLCDT	20060109ABG	LIC
48A WI RACINE	BLCDT	20090807ACD	LIC
49A IL CHICAGO	BMPDTA	20100409AAK	CP
50A IL AURORA	BMPCDT	20080616ACK	CP
51A IN GARY	BLCDT	20050425ACE	LIC
52A IL CHICAGO	BLCDT	20010109AAV	LIC
44A IL CHICAGO	BPCDT	NEWWLSDT44	APP

Percent new IX = 0.0000%

Result key: 48
Scenario 2 Affected station 24
Before Analysis

Results for: 48N IL CHICAGO	BSTA	20081015AAR	APP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	5729037	3427.1	
not affected by terrain losses	5729037	3427.1	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	809317	393.3	
lost to all IX	809317	393.3	

Potential Interfering Stations Included in above Scenario 2

45A IL CHICAGO	BLCDT	20010612AIB	LIC
47A IL CHICAGO	BLEDT	20020408ABK	LIC
48A IL CHAMPAIGN	BMPCDT	20050701ACC	CP
48A IN SOUTH BEND	BLCDT	20060109ABG	LIC
48A WI RACINE	BLCDT	20090807ACD	LIC
49A IL CHICAGO	BMPDTA	20100409AAK	CP
50A IL AURORA	BLCDT	20090618ACE	LIC
51A IN GARY	BLCDT	20050425ACE	LIC
52A IL CHICAGO	BLCDT	20010109AAV	LIC

After Analysis

Results for: 48N IL CHICAGO	BSTA	20081015AAR	APP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	5729037	3427.1	
not affected by terrain losses	5729037	3427.1	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	809317	393.3	
lost to all IX	809317	393.3	

Potential Interfering Stations Included in above Scenario 2

45A IL CHICAGO	BLCDT	20010612AIB	LIC
47A IL CHICAGO	BLEDT	20020408ABK	LIC
48A IL CHAMPAIGN	BMPCDT	20050701ACC	CP
48A IN SOUTH BEND	BLCDT	20060109ABG	LIC
48A WI RACINE	BLCDT	20090807ACD	LIC
49A IL CHICAGO	BMPDTA	20100409AAK	CP
50A IL AURORA	BLCDT	20090618ACE	LIC
51A IN GARY	BLCDT	20050425ACE	LIC
52A IL CHICAGO	BLCDT	20010109AAV	LIC
44A IL CHICAGO	BPCDT	NEWWLSDT44	APP

Percent new IX = 0.0000%

Result key: 49
 Scenario 3 Affected station 24
 Before Analysis

Results for: 48N IL CHICAGO	BSTA	20081015AAR	APP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	5729037	3427.1	
not affected by terrain losses	5729037	3427.1	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	809317	393.3	
lost to all IX	809317	393.3	

Potential Interfering Stations Included in above Scenario 3

45A IL CHICAGO	BPCDT	20080620AMW	CP
47A IL CHICAGO	BLEDT	20020408ABK	LIC
48A IL CHAMPAIGN	BMPCDT	20050701ACC	CP
48A IN SOUTH BEND	BLCDT	20060109ABG	LIC
48A WI RACINE	BLCDT	20090807ACD	LIC
49A IL CHICAGO	BMPDTA	20100409AAK	CP
50A IL AURORA	BMPCDT	20080616ACK	CP
51A IN GARY	BLCDT	20050425ACE	LIC
52A IL CHICAGO	BLCDT	20010109AAV	LIC

After Analysis

Results for: 48N IL CHICAGO	BSTA	20081015AAR	APP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	5729037	3427.1	

not affected by terrain losses	5729037	3427.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	809317	393.3
lost to all IX	809317	393.3

Potential Interfering Stations Included in above Scenario 3

45A IL CHICAGO	BPCDT	20080620AMW	CP
47A IL CHICAGO	BLEDT	20020408ABK	LIC
48A IL CHAMPAIGN	BMPCDT	20050701ACC	CP
48A IN SOUTH BEND	BLCDT	20060109ABG	LIC
48A WI RACINE	BLCDT	20090807ACD	LIC
49A IL CHICAGO	BMPDTA	20100409AAK	CP
50A IL AURORA	BMPCDT	20080616ACK	CP
51A IN GARY	BLCDT	20050425ACE	LIC
52A IL CHICAGO	BLCDT	20010109AAV	LIC
44A IL CHICAGO	BPCDT	NEWWLSDT44	APP

Percent new IX = 0.0000%

Result key: 50
Scenario 4 Affected station 24
Before Analysis

Results for: 48N IL CHICAGO	BSTA	20081015AAR	APP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	5729037	3427.1	
not affected by terrain losses	5729037	3427.1	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	809317	393.3	
lost to all IX	809317	393.3	

Potential Interfering Stations Included in above Scenario 4

45A IL CHICAGO	BPCDT	20080620AMW	CP
47A IL CHICAGO	BLEDT	20020408ABK	LIC
48A IL CHAMPAIGN	BMPCDT	20050701ACC	CP
48A IN SOUTH BEND	BLCDT	20060109ABG	LIC
48A WI RACINE	BLCDT	20090807ACD	LIC
49A IL CHICAGO	BMPDTA	20100409AAK	CP
50A IL AURORA	BLCDT	20090618ACE	LIC
51A IN GARY	BLCDT	20050425ACE	LIC
52A IL CHICAGO	BLCDT	20010109AAV	LIC

After Analysis

Results for: 48N IL CHICAGO	BSTA	20081015AAR	APP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	5729037	3427.1	
not affected by terrain losses	5729037	3427.1	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	809317	393.3	
lost to all IX	809317	393.3	

Potential Interfering Stations Included in above Scenario 4

45A IL CHICAGO	BPCDT	20080620AMW	CP
47A IL CHICAGO	BLEDT	20020408ABK	LIC
48A IL CHAMPAIGN	BMPCDT	20050701ACC	CP
48A IN SOUTH BEND	BLCDT	20060109ABG	LIC
48A WI RACINE	BLCDT	20090807ACD	LIC
49A IL CHICAGO	BMPDTA	20100409AAK	CP
50A IL AURORA	BLCDT	20090618ACE	LIC
51A IN GARY	BLCDT	20050425ACE	LIC
52A IL CHICAGO	BLCDT	20010109AAV	LIC
44A IL CHICAGO	BPCDT	NEWWLSDT44	APP

Percent new IX = 0.0000%

Result key: 51
Scenario 5 Affected station 24
Before Analysis

Results for: 48N IL CHICAGO	BSTA	20081015AAR	APP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	5729037	3427.1	
not affected by terrain losses	5729037	3427.1	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	809317	417.3	
lost to all IX	809317	417.3	

Potential Interfering Stations Included in above Scenario 5

45A IL CHICAGO	BLCDT	20010612AIB	LIC
47A IL CHICAGO	BLEDT	20020408ABK	LIC
48A IL CHAMPAIGN	BMPCDT	20050701ACC	CP
48A IN SOUTH BEND	BPCDT	20080619ABC	APP
48A WI RACINE	BLCDT	20090807ACD	LIC
49A IL CHICAGO	BMPDTA	20100409AAK	CP
50A IL AURORA	BMPCDT	20080616ACK	CP
51A IN GARY	BLCDT	20050425ACE	LIC
52A IL CHICAGO	BLCDT	20010109AAV	LIC

After Analysis

Results for: 48N IL CHICAGO	BSTA	20081015AAR	APP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	5729037	3427.1	
not affected by terrain losses	5729037	3427.1	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	809317	417.3	
lost to all IX	809317	417.3	

Potential Interfering Stations Included in above Scenario 5

45A IL CHICAGO	BLCDT	20010612AIB	LIC
47A IL CHICAGO	BLEDT	20020408ABK	LIC
48A IL CHAMPAIGN	BMPCDT	20050701ACC	CP
48A IN SOUTH BEND	BPCDT	20080619ABC	APP
48A WI RACINE	BLCDT	20090807ACD	LIC
49A IL CHICAGO	BMPDTA	20100409AAK	CP
50A IL AURORA	BMPCDT	20080616ACK	CP
51A IN GARY	BLCDT	20050425ACE	LIC
52A IL CHICAGO	BLCDT	20010109AAV	LIC
44A IL CHICAGO	BPCDT	NEWWLSDT44	APP

Percent new IX = 0.0000%

Result key: 52
Scenario 6 Affected station 24
Before Analysis

Results for: 48N IL CHICAGO	BSTA	20081015AAR	APP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	5729037	3427.1	
not affected by terrain losses	5729037	3427.1	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	809317	417.3	
lost to all IX	809317	417.3	

Potential Interfering Stations Included in above Scenario 6

45A IL CHICAGO	BLCDT	20010612AIB	LIC
47A IL CHICAGO	BLEDT	20020408ABK	LIC
48A IL CHAMPAIGN	BMPCDT	20050701ACC	CP
48A IN SOUTH BEND	BPCDT	20080619ABC	APP
48A WI RACINE	BLCDT	20090807ACD	LIC
49A IL CHICAGO	BMPDTA	20100409AAK	CP
50A IL AURORA	BLCDT	20090618ACE	LIC
51A IN GARY	BLCDT	20050425ACE	LIC
52A IL CHICAGO	BLCDT	20010109AAV	LIC

After Analysis

Results for: 48N IL CHICAGO	BSTA	20081015AAR	APP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	5729037	3427.1	
not affected by terrain losses	5729037	3427.1	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	809317	417.3	
lost to all IX	809317	417.3	

Potential Interfering Stations Included in above Scenario 6

45A IL CHICAGO	BLCDT	20010612AIB	LIC
47A IL CHICAGO	BLEDT	20020408ABK	LIC
48A IL CHAMPAIGN	BMPCDT	20050701ACC	CP
48A IN SOUTH BEND	BPCDT	20080619ABC	APP
48A WI RACINE	BLCDT	20090807ACD	LIC
49A IL CHICAGO	BMPDTA	20100409AAK	CP
50A IL AURORA	BLCDT	20090618ACE	LIC
51A IN GARY	BLCDT	20050425ACE	LIC
52A IL CHICAGO	BLCDT	20010109AAV	LIC
44A IL CHICAGO	BPCDT	NEWWLSDT44	APP

Percent new IX = 0.0000%

Result key: 53
Scenario 7 Affected station 24
Before Analysis

Results for: 48N IL CHICAGO	BSTA	20081015AAR	APP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	5729037	3427.1	
not affected by terrain losses	5729037	3427.1	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	809317	417.3	
lost to all IX	809317	417.3	

Potential Interfering Stations Included in above Scenario 7

45A IL CHICAGO	BPCDT	20080620AMW	CP
47A IL CHICAGO	BLEDT	20020408ABK	LIC
48A IL CHAMPAIGN	BMPCDT	20050701ACC	CP
48A IN SOUTH BEND	BPCDT	20080619ABC	APP
48A WI RACINE	BLCDT	20090807ACD	LIC
49A IL CHICAGO	BMPDTA	20100409AAK	CP
50A IL AURORA	BMPCDT	20080616ACK	CP
51A IN GARY	BLCDT	20050425ACE	LIC
52A IL CHICAGO	BLCDT	20010109AAV	LIC

After Analysis

Results for: 48N IL CHICAGO	BSTA	20081015AAR	APP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	5729037	3427.1	
not affected by terrain losses	5729037	3427.1	
lost to NTSC IX	0	0.0	

lost to additional IX by ATV	809317	417.3
lost to all IX	809317	417.3

Potential Interfering Stations Included in above Scenario 7

45A IL CHICAGO	BPCDT	20080620AMW	CP
47A IL CHICAGO	BLEDT	20020408ABK	LIC
48A IL CHAMPAIGN	BMPCDT	20050701ACC	CP
48A IN SOUTH BEND	BPCDT	20080619ABC	APP
48A WI RACINE	BLCDT	20090807ACD	LIC
49A IL CHICAGO	BMPDTA	20100409AAK	CP
50A IL AURORA	BMPCDT	20080616ACK	CP
51A IN GARY	BLCDT	20050425ACE	LIC
52A IL CHICAGO	BLCDT	20010109AAV	LIC
44A IL CHICAGO	BPCDT	NEWWLSDT44	APP

Percent new IX = 0.0000%

Result key: 54
 Scenario 8 Affected station 24
 Before Analysis

Results for: 48N IL CHICAGO	BSTA	20081015AAR	APP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	5729037	3427.1	
not affected by terrain losses	5729037	3427.1	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	809317	417.3	
lost to all IX	809317	417.3	

Potential Interfering Stations Included in above Scenario 8

45A IL CHICAGO	BPCDT	20080620AMW	CP
47A IL CHICAGO	BLEDT	20020408ABK	LIC
48A IL CHAMPAIGN	BMPCDT	20050701ACC	CP
48A IN SOUTH BEND	BPCDT	20080619ABC	APP
48A WI RACINE	BLCDT	20090807ACD	LIC
49A IL CHICAGO	BMPDTA	20100409AAK	CP
50A IL AURORA	BLCDT	20090618ACE	LIC
51A IN GARY	BLCDT	20050425ACE	LIC
52A IL CHICAGO	BLCDT	20010109AAV	LIC

After Analysis

Results for: 48N IL CHICAGO	BSTA	20081015AAR	APP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	5729037	3427.1	
not affected by terrain losses	5729037	3427.1	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	809317	417.3	
lost to all IX	809317	417.3	

Potential Interfering Stations Included in above Scenario 8

45A IL CHICAGO	BPCDT	20080620AMW	CP
47A IL CHICAGO	BLEDT	20020408ABK	LIC
48A IL CHAMPAIGN	BMPCDT	20050701ACC	CP
48A IN SOUTH BEND	BPCDT	20080619ABC	APP
48A WI RACINE	BLCDT	20090807ACD	LIC
49A IL CHICAGO	BMPDTA	20100409AAK	CP
50A IL AURORA	BLCDT	20090618ACE	LIC
51A IN GARY	BLCDT	20050425ACE	LIC
52A IL CHICAGO	BLCDT	20010109AAV	LIC
44A IL CHICAGO	BPCDT	NEWWLSDT44	APP

Percent new IX = 0.0000%

Worst case new IX 0.0000% Scenario 1

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Analysis of Interference to Affected Station 25

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
44	WLS-TV	CHICAGO IL	BPCDT	-NEWWLSDT44

Stations Potentially Affecting This Station

Chan Ref. No.	Call	City/State	Dist(km)	Status	Application
43	WCPX-TV	CHICAGO IL	1.9	APP	BPCDT -
20080619AIL					
43	WCPX-TV	CHICAGO IL	0.0	LIC	BLCDT -
20010226ABH					
43	WQRS-TV	MAYVILLE WI	187.8	APP	BPCDT -
20080618ATT					
43	WQRS-TV	MAYVILLE WI	187.8	LIC	BLCDT -
20050825AEW					
44	WRSP-TV	SPRINGFIELD IL	276.8	CP	BPCDT -
20080620AGF					
44	WRSP-TV	SPRINGFIELD IL	276.8	LIC	BLCDT -
20050317ADQ					
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 -
19990720LH					
44	WWJ-TV	DETROIT MI	373.0	CP MOD	BMPCDT -
20080616ABD					
44	WTLW	LIMA OH	313.7	LIC	BLCDT -
20081209AAB					
45	WSNS-TV	CHICAGO IL	0.0	LIC	BLCDT -
20010612AIB					
45	WSNS-TV	CHICAGO IL	0.0	CP	BPCDT -
20080620AMW					
45	WLLA	KALAMAZOO MI	194.7	LIC	BLCDT -
20070529AEA					

Total scenarios = 2

Result key: 55
Scenario 1 Affected station 25
Before Analysis

Results for: 44A IL CHICAGO BPCDT NEWWLSDT44 APP
HAAT 518.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	9780250	39133.6
not affected by terrain losses	9774666	39057.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	15954	188.7
lost to ATV IX only	15954	188.7
lost to all IX	15954	188.7

Potential Interfering Stations Included in above Scenario 1

44A IL SPRINGFIELD	BPCDT	20080620AGF	CP
44A IN INDIANAPOLIS	BPEDT	20080617AEQ	CP
44A MI BATTLE CREEK	BLCDT	20020510AAG	LIC
44A OH LIMA	BLCDT	20081209AAB	LIC
45A IL CHICAGO	BPCDT	20080620AMW	CP

Result key: 56
Scenario 2 Affected station 25
Before Analysis

Results for: 44A IL CHICAGO BPCDT NEWWLSDT44 APP
HAAT 518.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	9780250	39133.6
not affected by terrain losses	9774666	39057.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	15849	176.6
lost to ATV IX only	15849	176.6
lost to all IX	15849	176.6

Potential Interfering Stations Included in above Scenario 2

44A IL SPRINGFIELD	BLCDT	20050317ADQ	LIC
44A IN INDIANAPOLIS	BPEDT	20080617AEQ	CP
44A MI BATTLE CREEK	BLCDT	20020510AAG	LIC
44A OH LIMA	BLCDT	20081209AAB	LIC
45A IL CHICAGO	BPCDT	20080620AMW	CP

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