

ENGINEERING EXHIBIT

**WLS TELEVISION, INC.
ENGINEERING EXHIBIT IN SUPPORT OF
APPLICATION FOR SPECIAL TEMPORARY AUTHORITY
CHANNEL 44 – 1000 KW (DA-MAX) – 437 METERS HAAT**

CHICAGO, ILLINOIS

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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 the former main NTSC non-directional antenna with 4.75 kW at 515 meters as described in the outstanding construction permit, BPCDT-20080529AJS.

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 BLCDT-20010109AAV describe the formerly licensed DTV transmission system which operated on channel 52.

The WLS initial allotment, channel 52, was out of core. WLS decided to return to its NTSC channel for post-transition operation. The recent experience of many WLS off the air viewers prompted thousands of off-the-air viewers, many who reside in densely populated urban areas, to call the station or the FCC to seek assistance with their reception problems beginning 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 seeks Special Temporary Authority to operate temporarily with a system at the John Hancock Building and will operate from an existing antenna at a lower HAAT than authorized in the outstanding channel 44 construction permit. This system will permit WLS to provide continuity of service on channel 44 during the time when construction activity precludes use of the first temporary facility at the Willis Tower. The proposed operation at the John Hancock Building will use an existing UHF wideband antenna.

Channel 44 was allotted for use by WLS in Chicago 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.

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 Special Temporary Authority to operate with an existing antenna from the John Hancock Building on channel 44 in Chicago, Illinois.

Reference Coordinates

The formerly authorized WLS main NTSC antenna location is atop the east mast of what is commonly referred to as the Sears Tower Building. This is the same location as authorized in BPCDT-20091001ACI, the outstanding construction permit. The Sears Tower Building, recently renamed Willis Tower, is located at 233 South Wacker Drive, Chicago, Illinois, within the city limits of Chicago, Illinois.

In order to replace the formerly licensed VHF channel 7 antenna with a UHF antenna that will meet the terms of the outstanding construction permit, it will be necessary to cease operation at the Willis Tower. In order to maintain continuity of service to over the air viewers, WLS has obtained the use of an existing wideband UHF antenna on the nearby John Hancock Building.

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When calculated with the methods described in the Commission's rules, the John Hancock Building lies 2.45 kilometers north and very slightly east of the Willis Tower. Through this request, WLS seeks special temporary authorization to operate from the John Hancock Building with an existing antenna at the location specified below:

Location: John Hancock Building, 875 North Michigan Avenue, Chicago, Illinois

NAD 27 Coordinates: 41° 53' 56" N. Latitude 087° 37' 23" W Longitude

Antenna Structure Registration Number: 1009012

Outstanding Construction Permit

On October 23, 2009, the Commission granted the application for Construction Permit, BPCDT-20091001ACI. This grant authorizes facilities on channel 44 with an ERP of 473.3 kW at 515 m HAAT. WLS has begun the construction process for the facilities that are specified in the outstanding construction permit and intends to build a facility that is minimally equal to the parameters in the outstanding construction permit.

Through this request, WLS seeks authority to operate with a wide band UHF antenna from the John Hancock Building during the time that construction activity precludes use of the existing antenna at Willis Tower.

Because of the long lead times for most transmission components, WLS is in the process of finalizing the specifications and design of the proposed main antenna that will replace the formerly licensed channel 7 antenna at the Willis Tower Building.

WLS has been able to acquire a UHF transmitter that can be adjusted to operate on channel 44 and this transmitter will fit in the presently leased space at the John Hancock Building.

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Through a phased construction plan, WLS designed a means to commence operation on channel 44 with a facility which approached the ERP and HAAT authorized in the outstanding construction permit. This step in the phased construction plan will enable better service to the city of license than was possible with earlier temporary facilities.

The transmission system described herein will meet all of the Commission's rules and policies regarding DTV post-transition operation. Although some transmission line installation is required, the bulk of the installation effort is indoors, and as such will minimally impact other stations' operating schedules. The expected disruptions to stations operating at the John Hancock Building will occur only as necessary to assure compliance with the Commission's rules regarding human exposure to radiofrequency energy, and the construction periods will be chosen to minimize disruption to over the air television viewers.

The proposed antenna is an existing Dielectric TUF-C4-12/48U-2BR broadband UHF directional antenna. Its operating characteristics at channel 44 have been verified by the manufacturer. The manufacturer also supplied an azimuth pattern, elevation pattern and gain specifications for the antenna when operating at channel 44. Preliminary measurement data of the system as installed earlier indicate this antenna is capable of excellent performance at channel 44 and stable operation has been observed when this antenna has been used by other UHF television stations. The antenna was installed with a radiation center above ground level of 437.5 meters, which is equal to a radiation center above mean sea level of 618.2 meters. This RCAMSL produces an HAAT of 437 meters.

When operating in close proximity, the Commission requires consideration of other stations within 20 percent of the operating frequencies. For channel 44, this includes channels 22 through 51. The existing combining and filtering systems on this and other antenna systems at the John Hancock Building have been operating for several years in a stable and compliant manner. Measurements will be made to assure that the additional operation of channel 44 with the proposed antenna will comply with the Commission's requirements.

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The existing wide band UHF antenna is supported by a tower which bears Antenna Structure Registration Number 1009012.

The ERP of 1000 kW is greater than that authorized in the outstanding construction permit. The antenna height is lower than authorized in the outstanding construction permit but through use of increased ERP, the proposed antenna is expected to provide improved coverage of the city of license, Chicago, Illinois.

The proposed STA facility develops an area within its 41 dBu contour of 31983.8 square kilometers. The largest facility in the market is a UHF DTV Appendix B facility, Facility ID Number 22211, WFLD-DT on channel 31. This facility is reported in Appendix B (FCC 08-72) to develop an area within its 41 dBu contour of 37880 square kilometers. Clearly, the proposed STA operation from the John Hancock building meets the requirements of 73.623(f)(5), with a coverage area that remains less than the largest facility in the market.

The TV Process interference Study upon which this request for STA is based, has removed the allotment for channel 44, Fond du Lac, Wisconsin, from the input database. Although it may appear in the CDBS database, it no longer appears in Section 73.622(h)(2)(i), and the resulting interference masking was not considered in the calculation of interference to the remaining licenses, applications and allotments in this study.

No interference caused is greater than 0.4% (rounded up from typical values of 0.379%) to any license, allotment or DTC construction permit.

The figure labeled Exhibit 1 is a map that shows the predicted 48 dBu F(50:90) contour. The entire city of license is contained within the predicted 48 dBu contour. The exhibit also shows the predicted 41 dBu F(50:90) contour.

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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 license 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.

Compliance with FCC Protection Requirements

As demonstrated in the associated TV Process output, the operating parameters that are specified herein will comply with the Commission's rules with respect to protection to nearby AM stations and Protection to FCC Monitoring Stations and Radio Astronomy Installations.

Protection to Post-Transition DTV Authorized Facilities and Allotments

The proposed channel 44 STA will authorize operation with a lower HAAT than specified in the outstanding construction permit and a higher ERP to improve service to the City of Chicago. The requested STA operating parameters do not exceed the limits in the Commission's rules for post-transition DTV operation. The proposed STA parameters will not cause additional interference that is greater than 0.5% to any license, construction permit, allotment or DTV application.

The proposed STA operating parameters cause no more than 0.379% to the channel 44 WRSP Appendix B and 2005 licensed facilities, and no more than 0.377% to the WRSP modified CP facility. The TV Process output shows less interference than cited above is caused to any other facility.

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Environmental Considerations

The construction required for the instant STA request will occur at the John Hancock Building, 875 North Michigan Avenue, Chicago, Illinois, which is within the limits of the City of Chicago.

With the exception of some transmission line installation, all of the new construction that is required in order to assemble a completed facility capable of operation with the parameters contained herein will be contained within the WLS transmitter room where the UHF channel 44 transmitter will be located and the room where a combiner and the feed to the antenna is located. As such, there is minimal external effect to the environment on and in the immediate vicinity of the John Hancock Building.

As a tenant, WLS is subject to the John Hancock Building 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.

Human Exposure to Radiofrequency Energy

The proposed DTV use of the existing broadband UHF antenna will comply with FCC Rules regarding human exposure to radiofrequency energy. The calculated vertical pattern of the proposed antenna produces a relative field of less than 0.20 in the direction of the azimuth pattern maximum at angles below the horizontal by 6 degrees or more and 0.10 or less for angles below horizontal greater than 57 degrees. Between the angles of 50 to 57 degrees, a grating lobe relative field of approximately 0.23 is found at approximately 54 degrees. These values when applied to the proposed ERP and an antenna radiation center height of 437.5 meters above ground level yield a calculated maximum power density at 2 meters above ground of less than 0.00610 mW/cm², which is less than 1.4 percent of the limits contained in Section 1.1310 of the Commission's Rules for Uncontrolled Environments.

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In all other directions below 10 degrees, the maximum relative field is equal to or less than 0.10 and the FCC limit for uncontrolled areas is found at 27.76 meters (slightly more than 91 feet) from the antenna, a distance which is above the roof of the John Hancock Building. In the main beam, a distance of 277.6 meters is necessary to reach a power density level that is less than 0.433 mW/cm^2 , but the main beam is well above any nearby buildings. The calculations allow for increased field strength due to reflection. There are no buildings nearby or adjacent to the John Hancock Building where the general public is present at the heights required to be within the main beam within many multiples of the distances stated above.

The exposure limit for uncontrolled areas for channel 44, 650 to 656 MHz, is 0.4333 mW/cm^2 when calculated at the lower limit of channel 44, 650 MHz. The mathematical expression to calculate this result is found in Section 1.1310 of the Commission's Rules. The methods used to perform these calculations are found in OET Bulletin 65, Edition 97-01, dated August 1997.

The building management strictly limits access to the roof and to the tower portions of the John Hancock Building. The site management has established a policy that defines the roof area as a controlled area with restricted access for all persons. Neither workers nor members of the general public are allowed access to any areas near antennas which may be energized until the status of the systems in question have been determined to be safe. WLS as a lessee is subject to the RF Safety Program which is currently in effect, and includes restricted access to the roof area during normal broadcast operations, and the use of lock-out/tag-out procedures to prevent accidental exposure of personnel from inadvertent activation of transmitters.

The WLS facilities as proposed in this request for STA will comply the Commission's rules for human exposure to radiofrequency energy.

Conclusion

The proposed WLS-DT channel 44 temporary DTV operation at the John Hancock Building meets the requirements of the Commission's Rules for post-transition operation. A grant of the instant request for STA will permit WLS to provide continuity of service without interruption during those times when construction at Willis Tower precludes operation from that location. A grant of the instant request is in the public interest.

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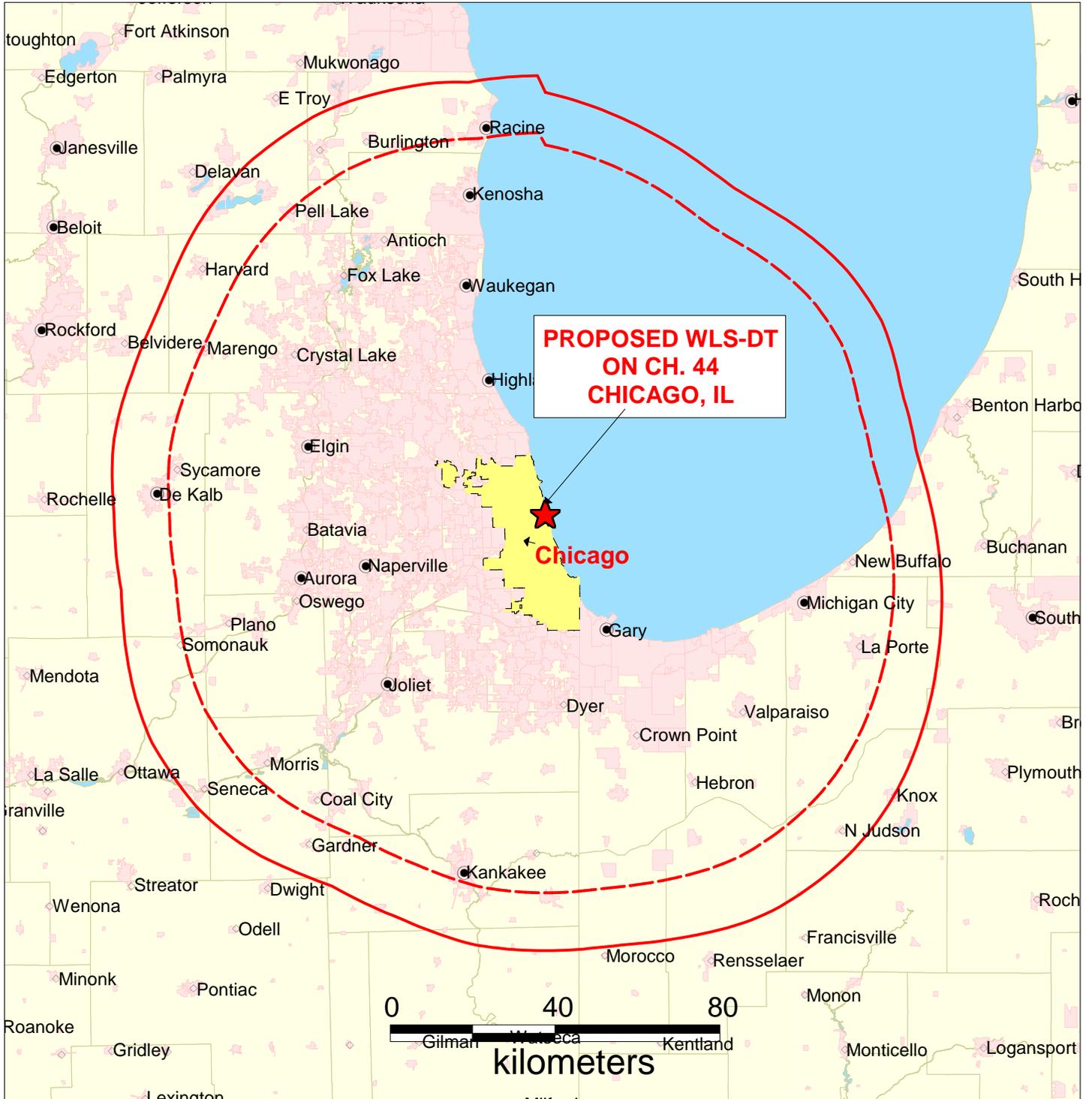
Certification

I certify that, on behalf of WLS Television, Inc. the information in this statement was prepared by me or under my supervision. The calculation of distances to contours and contour map preparation was done with the assistance of Patrick Rio, EIT. On behalf of 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 19, 2010
Writer's telephone: 703 569-7704



PREDICTED COVERAGE CONTOURS

**Predicted Noise Limited Coverage Contour
PROPOSED WLS-DT Ch 44, Chicago, IL
1000kW, 437m HAAT
618.2m RCAMSL, D-ANT**

- Predicted Noise Limited Coverage Contour F(50,90) 41 dBu
- - -** Predicted Noise Limited Coverage Contour F(50,90) 48 dBu

Exhibit 2
WLS Television, Inc.
March 2010

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APPLICATION FOR SPECIAL TEMPORARY AUTHORITY
CHANNEL 44 – 1000 KW (DA-MAX) – 437 METERS HAAT**

CHICAGO, ILLINOIS

Sheets 1 and 2	Elevation Pattern Plot
Sheet 3	Elevation Pattern Tabulation
Sheet 4	Azimuth Pattern Plot
Sheet 5	Azimuth Pattern Tabulation

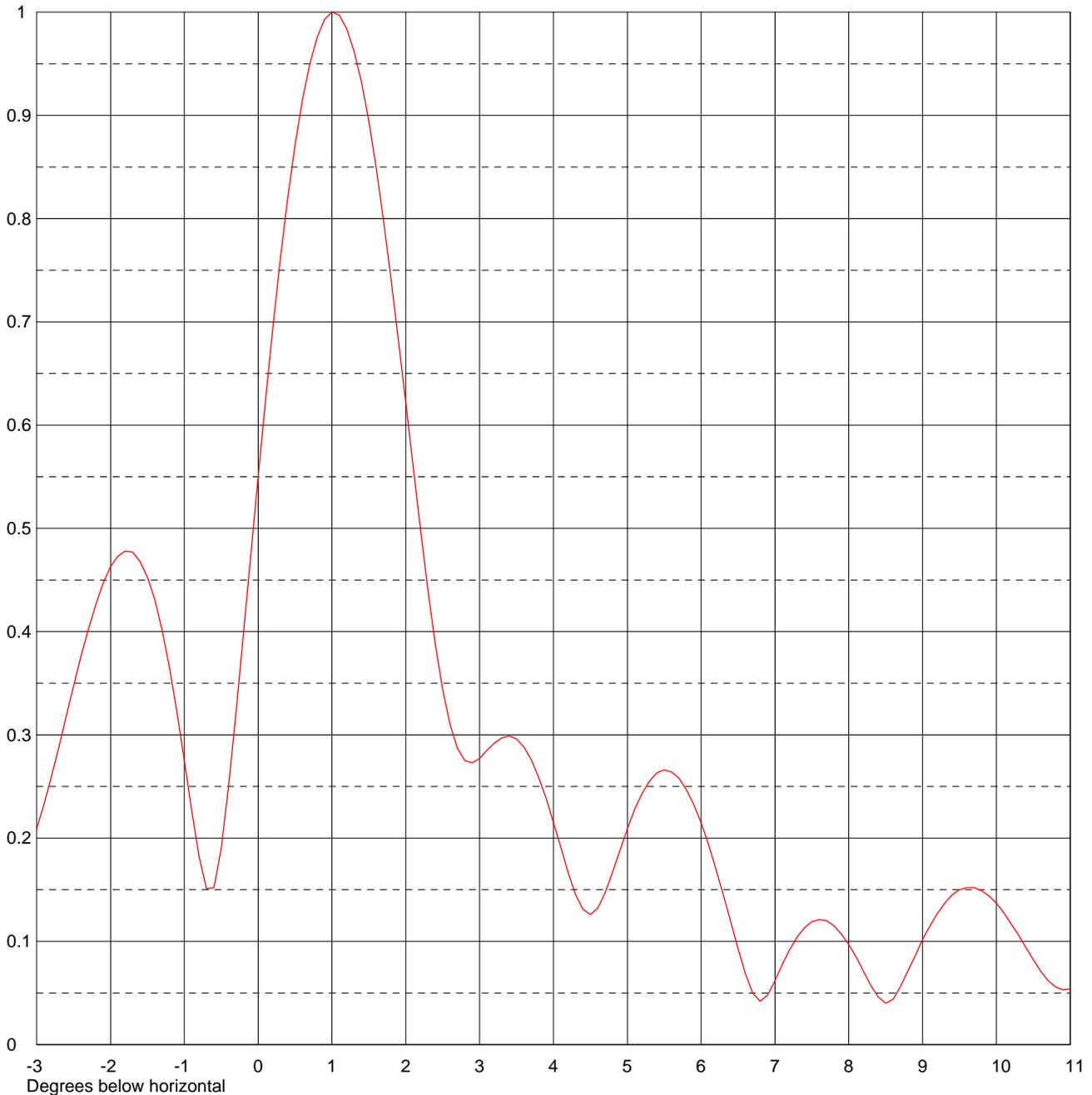


Proposal Number
Date **10 Nov 2009**
Call Letters
Location
Customer
Antenna Type **TUF-C4-12/48U-2BR**

Revision
Channel **44**

ELEVATION PATTERN

RMS Gain at Main Lobe	22.0 (13.41 dB)	Beam Tilt	1.00 Degrees
RMS Gain at Horizontal	6.7 (8.26 dB)	Frequency	653.00 MHz
Calculated / Measured	Calculated	Drawing #	12U22010-6530



Remarks:

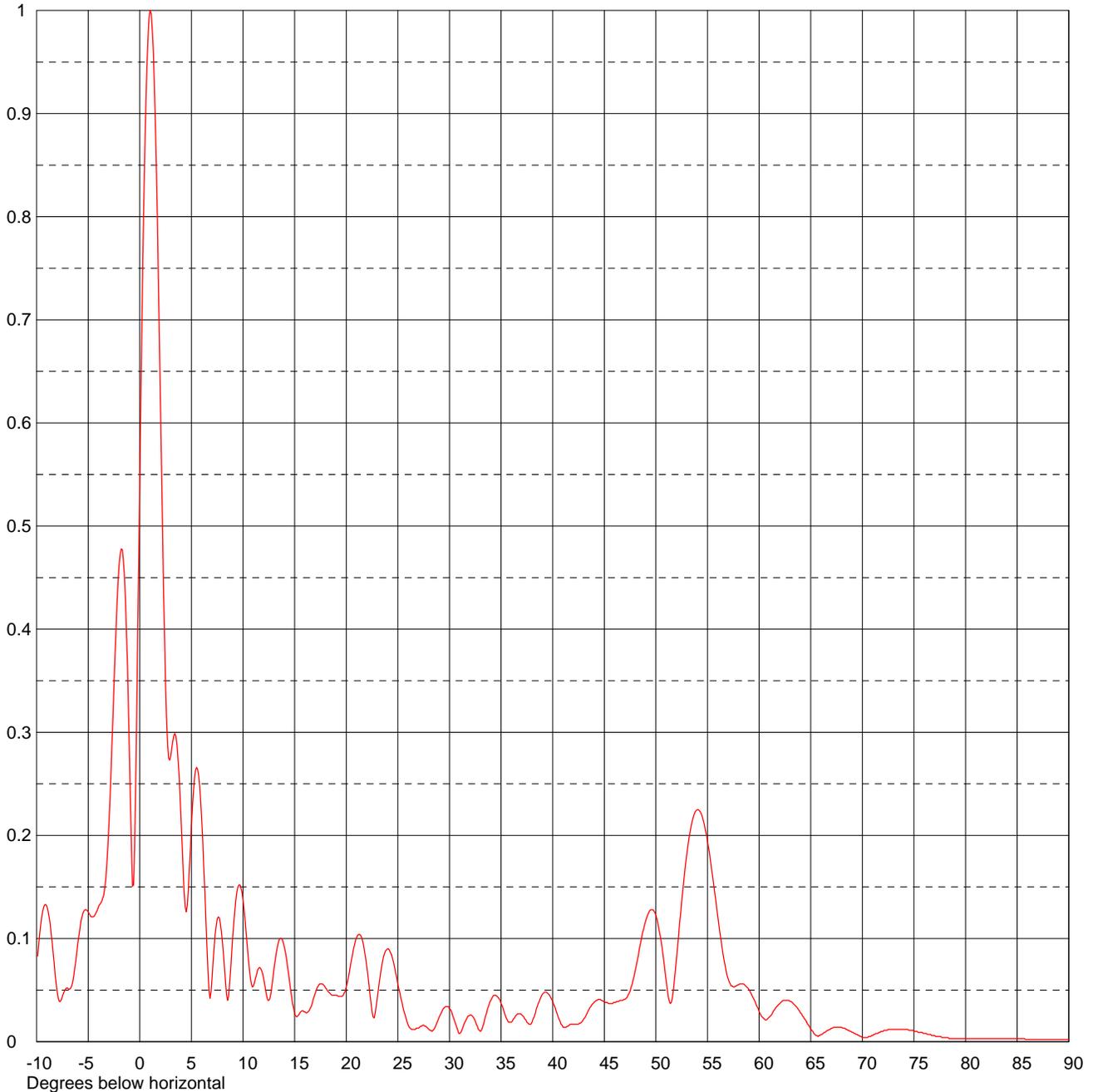


Proposal Number
Date **10 Nov 2009**
Call Letters
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Revision
Channel **44**

ELEVATION PATTERN

RMS Gain at Main Lobe	22.0 (13.41 dB)	Beam Tilt	1.00 Degrees
RMS Gain at Horizontal	6.7 (8.26 dB)	Frequency	653.00 MHz
Calculated / Measured	Calculated	Drawing #	12U22010-6530-90



Remarks:



Proposal Number
 Date **10 Nov 2009**
 Call Letters
 Location
 Customer
 Antenna Type **TUF-C4-12/48U-2BR**
 Revision
 Channel **44**

TABULATION OF ELEVATION PATTERN

Elevation Pattern Drawing # **12U22010-6530-90**

Angle	Field										
-10.0	0.072	2.4	0.388	10.6	0.071	30.5	0.020	51.0	0.059	71.5	0.008
-9.5	0.121	2.6	0.310	10.8	0.056	31.0	0.008	51.5	0.038	72.0	0.010
-9.0	0.131	2.8	0.275	11.0	0.054	31.5	0.019	52.0	0.081	72.5	0.012
-8.5	0.097	3.0	0.277	11.5	0.071	32.0	0.026	52.5	0.136	73.0	0.012
-8.0	0.048	3.2	0.292	12.0	0.061	32.5	0.020	53.0	0.182	73.5	0.012
-7.5	0.044	3.4	0.299	12.5	0.040	33.0	0.010	53.5	0.213	74.0	0.012
-7.0	0.052	3.6	0.288	13.0	0.071	33.5	0.025	54.0	0.225	74.5	0.011
-6.5	0.058	3.8	0.259	13.5	0.099	34.0	0.040	54.5	0.218	75.0	0.010
-6.0	0.096	4.0	0.215	14.0	0.092	34.5	0.045	55.0	0.194	75.5	0.009
-5.5	0.125	4.2	0.166	14.5	0.059	35.0	0.037	55.5	0.160	76.0	0.008
-5.0	0.126	4.4	0.131	15.0	0.027	35.5	0.023	56.0	0.121	76.5	0.007
-4.5	0.121	4.6	0.132	15.5	0.028	36.0	0.019	56.5	0.085	77.0	0.006
-4.0	0.131	4.8	0.167	16.0	0.029	36.5	0.026	57.0	0.061	77.5	0.005
-3.5	0.142	5.0	0.209	16.5	0.032	37.0	0.026	57.5	0.053	78.0	0.004
-3.0	0.209	5.2	0.243	17.0	0.047	37.5	0.019	58.0	0.055	78.5	0.003
-2.8	0.260	5.4	0.263	17.5	0.056	38.0	0.019	58.5	0.056	79.0	0.003
-2.6	0.318	5.6	0.264	18.0	0.052	38.5	0.034	59.0	0.051	79.5	0.003
-2.4	0.376	5.8	0.247	18.5	0.046	39.0	0.046	59.5	0.041	80.0	0.003
-2.2	0.426	6.0	0.215	19.0	0.045	39.5	0.047	60.0	0.029	80.5	0.003
-2.0	0.463	6.2	0.170	19.5	0.044	40.0	0.039	60.5	0.022	81.0	0.003
-1.8	0.478	6.4	0.119	20.0	0.053	40.5	0.025	61.0	0.024	81.5	0.003
-1.6	0.468	6.6	0.069	20.5	0.079	41.0	0.014	61.5	0.031	82.0	0.003
-1.4	0.431	6.8	0.042	21.0	0.101	41.5	0.015	62.0	0.037	82.5	0.003
-1.2	0.365	7.0	0.062	21.5	0.101	42.0	0.017	62.5	0.040	83.0	0.003
-1.0	0.276	7.2	0.092	22.0	0.072	42.5	0.017	63.0	0.039	83.5	0.003
-0.8	0.182	7.4	0.113	22.5	0.029	43.0	0.022	63.5	0.035	84.0	0.003
-0.6	0.152	7.6	0.121	23.0	0.042	43.5	0.031	64.0	0.028	84.5	0.003
-0.4	0.250	7.8	0.115	23.5	0.077	44.0	0.038	64.5	0.021	85.0	0.003
-0.2	0.397	8.0	0.097	24.0	0.090	44.5	0.041	65.0	0.012	85.5	0.003
0.0	0.551	8.2	0.071	24.5	0.080	45.0	0.039	65.5	0.006	86.0	0.002
0.2	0.695	8.4	0.046	25.0	0.055	45.5	0.037	66.0	0.007	86.5	0.002
0.4	0.819	8.6	0.044	25.5	0.033	46.0	0.038	66.5	0.010	87.0	0.002
0.6	0.915	8.8	0.071	26.0	0.016	46.5	0.040	67.0	0.013	87.5	0.002
0.8	0.976	9.0	0.102	26.5	0.012	47.0	0.041	67.5	0.014	88.0	0.002
1.0	1.000	9.2	0.127	27.0	0.013	47.5	0.049	68.0	0.014	88.5	0.002
1.2	0.984	9.4	0.145	27.5	0.016	48.0	0.069	68.5	0.012	89.0	0.002
1.4	0.932	9.6	0.152	28.0	0.012	48.5	0.095	69.0	0.009	89.5	0.002
1.6	0.849	9.8	0.149	28.5	0.012	49.0	0.117	69.5	0.007	90.0	0.002
1.8	0.742	10.0	0.137	29.0	0.024	49.5	0.128	70.0	0.004		
2.0	0.621	10.2	0.117	29.5	0.033	50.0	0.122	70.5	0.004		
2.2	0.498	10.4	0.094	30.0	0.032	50.5	0.098	71.0	0.006		

Remarks:



Proposal Number

Revision

Date

10 Nov 2009

Call Letters

Channel 44

Location

Customer

Antenna Type

TUF-C4

AZIMUTH PATTERN

Gain

1.85 (2.67 dB)

Frequency

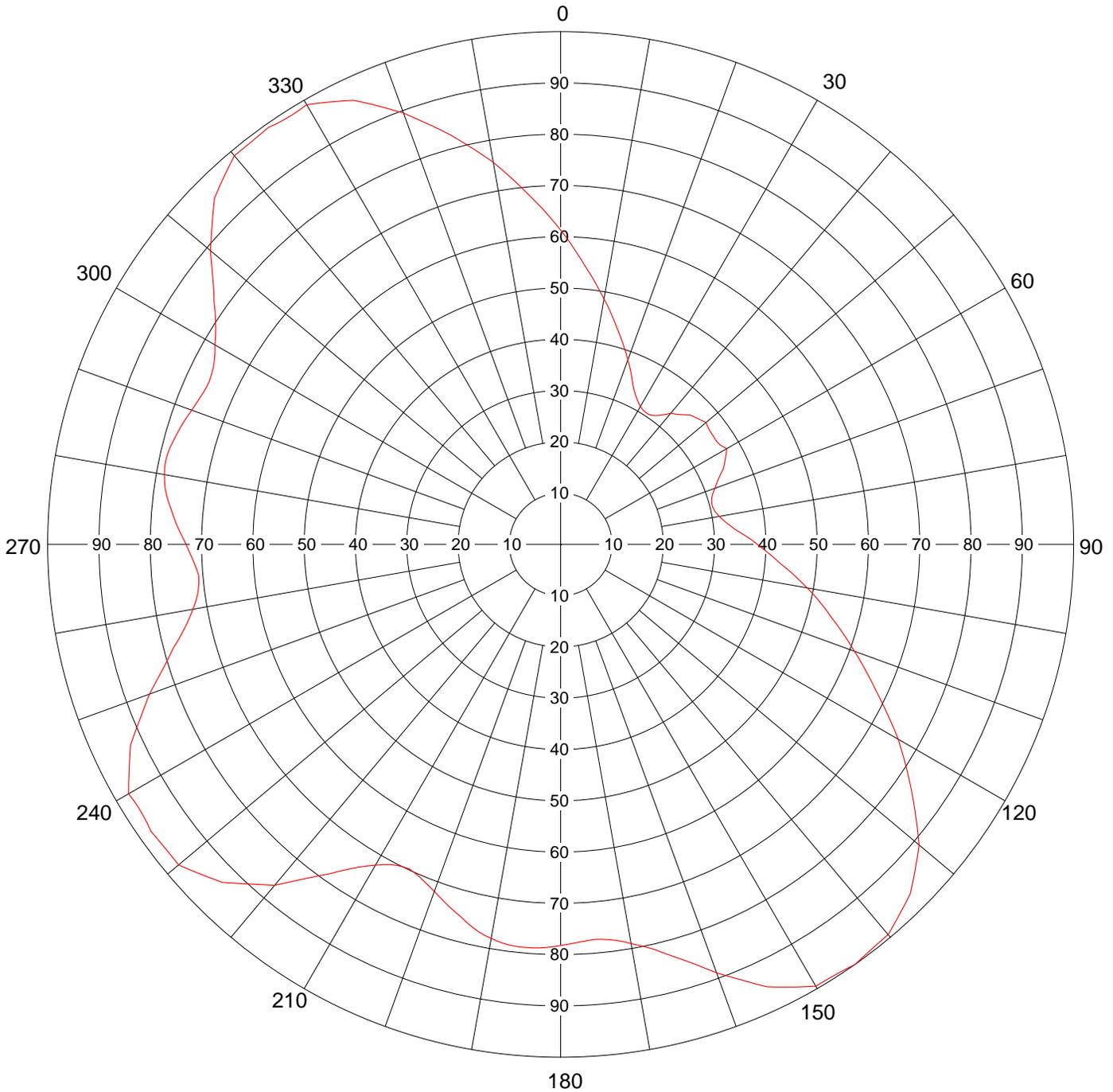
653 MHz

Calculated / Measured

Calculated

Drawing #

TUF-C4-6530



Remarks:



Proposal Number
 Date **10 Nov 2009**
 Call Letters
 Location
 Customer
 Antenna Type **TUF-C4**
 Revision
 Channel **44**

TABULATION OF AZIMUTH PATTERN

Azimuth Pattern Drawing # **TUF-C4-6530**

Angle	Field														
0	0.613	45	0.357	90	0.384	135	0.964	180	0.782	225	0.932	270	0.730	315	0.954
1	0.599	46	0.359	91	0.393	136	0.969	181	0.785	226	0.940	271	0.737	316	0.961
2	0.586	47	0.362	92	0.402	137	0.975	182	0.786	227	0.948	272	0.744	317	0.968
3	0.572	48	0.364	93	0.411	138	0.981	183	0.788	228	0.956	273	0.750	318	0.975
4	0.558	49	0.367	94	0.421	139	0.987	184	0.789	229	0.964	274	0.756	319	0.982
5	0.545	50	0.370	95	0.430	140	0.993	185	0.789	230	0.972	275	0.761	320	0.989
6	0.533	51	0.368	96	0.442	141	0.994	186	0.789	231	0.972	276	0.768	321	0.989
7	0.521	52	0.366	97	0.453	142	0.995	187	0.788	232	0.972	277	0.774	322	0.990
8	0.509	53	0.365	98	0.465	143	0.996	188	0.786	233	0.973	278	0.778	323	0.990
9	0.498	54	0.365	99	0.476	144	0.998	189	0.784	234	0.974	279	0.782	324	0.991
10	0.486	55	0.365	100	0.488	145	1.000	190	0.780	235	0.975	280	0.784	325	0.993
11	0.475	56	0.364	101	0.500	146	0.998	191	0.777	236	0.972	281	0.786	326	0.990
12	0.464	57	0.365	102	0.512	147	0.996	192	0.772	237	0.970	282	0.787	327	0.988
13	0.453	58	0.366	103	0.523	148	0.995	193	0.766	238	0.970	283	0.786	328	0.988
14	0.442	59	0.369	104	0.534	149	0.995	194	0.759	239	0.971	284	0.785	329	0.988
15	0.432	60	0.374	105	0.545	150	0.995	195	0.752	240	0.973	285	0.782	330	0.990
16	0.422	61	0.369	106	0.558	151	0.986	196	0.746	241	0.963	286	0.779	331	0.983
17	0.412	62	0.364	107	0.571	152	0.978	197	0.740	242	0.953	287	0.776	332	0.976
18	0.402	63	0.359	108	0.584	153	0.969	198	0.733	243	0.944	288	0.773	333	0.969
19	0.393	64	0.355	109	0.596	154	0.960	199	0.727	244	0.934	289	0.769	334	0.962
20	0.383	65	0.350	110	0.610	155	0.952	200	0.720	245	0.925	290	0.765	335	0.956
21	0.374	66	0.343	111	0.623	156	0.939	201	0.714	246	0.910	291	0.762	336	0.943
22	0.364	67	0.336	112	0.637	157	0.925	202	0.709	247	0.895	292	0.759	337	0.931
23	0.355	68	0.330	113	0.651	158	0.913	203	0.704	248	0.880	293	0.757	338	0.919
24	0.345	69	0.325	114	0.665	159	0.901	204	0.701	249	0.866	294	0.755	339	0.907
25	0.336	70	0.320	115	0.680	160	0.889	205	0.698	250	0.853	295	0.755	340	0.895
26	0.330	71	0.315	116	0.695	161	0.875	206	0.700	251	0.837	296	0.757	341	0.881
27	0.324	72	0.311	117	0.711	162	0.863	207	0.702	252	0.821	297	0.760	342	0.867
28	0.319	73	0.308	118	0.727	163	0.851	208	0.707	253	0.807	298	0.765	343	0.853
29	0.314	74	0.306	119	0.743	164	0.840	209	0.714	254	0.794	299	0.770	344	0.839
30	0.311	75	0.305	120	0.760	165	0.830	210	0.722	255	0.782	300	0.778	345	0.826
31	0.308	76	0.305	121	0.774	166	0.820	211	0.731	256	0.768	301	0.785	346	0.812
32	0.307	77	0.306	122	0.789	167	0.811	212	0.742	257	0.756	302	0.793	347	0.798
33	0.306	78	0.308	123	0.804	168	0.803	213	0.754	258	0.745	303	0.802	348	0.784
34	0.306	79	0.311	124	0.819	169	0.796	214	0.768	259	0.736	304	0.813	349	0.770
35	0.308	80	0.314	125	0.835	170	0.791	215	0.784	260	0.728	305	0.824	350	0.757
36	0.311	81	0.318	126	0.850	171	0.785	216	0.798	261	0.721	306	0.836	351	0.741
37	0.315	82	0.323	127	0.865	172	0.780	217	0.814	262	0.715	307	0.848	352	0.726
38	0.320	83	0.328	128	0.881	173	0.777	218	0.831	263	0.711	308	0.862	353	0.711
39	0.326	84	0.334	129	0.896	174	0.774	219	0.849	264	0.709	309	0.876	354	0.696
40	0.334	85	0.340	130	0.912	175	0.773	220	0.867	265	0.708	310	0.891	355	0.682
41	0.337	86	0.349	131	0.922	176	0.774	221	0.879	266	0.711	311	0.903	356	0.668
42	0.341	87	0.358	132	0.932	177	0.776	222	0.892	267	0.715	312	0.915	357	0.654
43	0.346	88	0.366	133	0.943	178	0.778	223	0.905	268	0.720	313	0.928	358	0.641
44	0.351	89	0.375	134	0.953	179	0.780	224	0.918	269	0.725	314	0.941	359	0.627

Remarks:

Appendix
WLS Television, Inc.
March 2010

ENGINEERING EXHIBIT

**WLS TELEVISION, INC.,
ENGINEERING EXHIBIT IN SUPPORT OF
APPLICATION FOR SPECIAL TEMPORARY AUTHORITY
CHANNEL 44 – 1000 KW (DA-MAX) – 437 METERS HAAT**

CHICAGO, ILLINOIS

Sheets 1 through 52

Interference Study Data
Raw Data from TV Process Output
Unpaginated

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 03-18-2010 Time: 14:30:12

Record Selected for Analysis

WLS-TV BPCDT -WLSDT44JHB CHICAGO IL US
Channel 44 ERP 1000.0 kW HAAT 437.0 m RCAMSL 618.2 m
Latitude 041-53-56 Longitude 0087-37-23
Status APP Zone 1 Border C
Dir Antenna Make CDB Model 0000000099907 Beam tilt Y Ref Azimuth 0.0
Last update Cutoff date 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 does not meet maximum height/power limits
Channel 44 ERP = 1000.00 HAAT = 437.

Azimuth (Deg)	ERP (kW)	HAAT (m)	41.0 dBu F(50,90) (km)
0.0	375.769	442.2	100.2
45.0	123.904	442.2	91.1
90.0	147.456	442.2	92.4
135.0	907.256	442.2	109.0
180.0	611.524	437.9	104.6
225.0	845.480	437.1	107.8
270.0	532.900	431.9	102.7
315.0	883.600	432.6	107.8

Evaluation toward Class A Stations

Station inside contour of Class A station
WOCH-CA 41 CHICAGO IL BSTA 20060109ACO

Station inside contour of Class A station
WOCH-CA 41 CHICAGO IL BPTTA 20050127ALO

Station inside contour of Class A station
WOCH-CA 41 CHICAGO IL BLTTA 20060103ACT

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

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 20041103AKF

Class A Evaluation Complete

No spacing violations found to other full service stations

LANDMOBILE SPACING VIOLATIONS FOUND

NONE

Proposed facility OK to FCC Monitoring Stations

Proposed facility OK toward West Virginia quite zone

Proposed facility OK toward Table Mountain

Proposed facility is within the Canadian coordination distance
Distance to border = 368.4km

Proposed facility is beyond the Mexican coordination distance

Proposed station is OK toward AM broadcast stations

Start of Interference Analysis

Channel	Proposed Station Call	City/State	ARN	
44	WLS-TV	CHICAGO IL	BPCDT	WLSDT44JHB

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
44	WRSP-TV	SPRINGFIELD IL	279.2	CP	BPCDT	-20080620AGF
30	WSPY-LP	PLANO IL	83.1	LIC	BLTTL	-19900514IR
41	WOCH-CA	CHICAGO IL	0.0	APP	BSTA	-20060109ACO
41	WOCH-CA	CHICAGO IL	0.0	APP	BPTTA	-20050127ALO
41	WOCH-CA	CHICAGO IL	0.0	LIC	BLTTA	-20060103ACT
41	WMLW-CA	MILWAUKEE WI	137.1	LIC	BLTTA	-20021002AAA
43	WCPX	CHICAGO IL	1.1	APP	BPCDT	-20080619AIL
43	WCPX	CHICAGO IL	2.5	LIC	BLCDT	-20010226ABH
43	WWRS-TV	MAYVILLE WI	186.1	APP	BPCDT	-20080618ATT
43	WWRS-TV	MAYVILLE WI	186.1	LIC	BLCDT	-20050825AEW
44	WRSP-TV	SPRINGFIELD IL	279.2	LIC	BDSTA	-WRSP44APPB
44	WRSP-TV	SPRINGFIELD IL	279.2	LIC	BLCDT	-20050317ADQ
44	WDTI	INDIANAPOLIS IN	253.3	LIC	BMPEDT	-WDTI44APPB
44	WDTI	INDIANAPOLIS IN	252.6	CP MOD	BMPEDT	-20070523ACG
44	WDTI	INDIANAPOLIS IN	252.6	CP	BPEDT	-20080617AEQ
44	WZPX	BATTLE CREEK MI	227.4	LIC	BLCDT	-20020510AAG
44	WWJ-TV	DETROIT MI	371.6	LIC	BLCDT	-19990720LH
44	WWJ-TV	DETROIT MI	371.6	APP	BMPCDT	-20080616ABD
44	WWJ-TV	DETROIT MI	371.6	CP	BPCDT	-20080130AOM
44	WTLW	LIMA OH	313.6	CP MOD	BMPCDT	-20080616ABV
45	WSNS-TV	CHICAGO IL	2.5	LIC	BLCDT	-20010612AIB

45	WSNS-TV	CHICAGO IL	2.5	CP	BPCDT	-20080620AMW
45	WLLA	KALAMAZOO MI	192.9	LIC	BPCDT	-WLLA45APPB
45	WLLA	KALAMAZOO MI	192.9	LIC	BLCDT	-20070529AEA
48	WMEU-CA	BLUE ISLAND IL	44.6	LIC	BLTTA	-20041008AAN
48	WMEU-CA	CHICAGO IL	2.5	APP	BSTA	-20081015AAR
48	WMEU-CA	CHICAGO IL	2.5	CP	BPTTA	-20080804ABH
48	WMEU-CA	CHICAGO IL	2.5	STA	BSTA	-20041103AKF
51	WCFC-CA	ROCKFORD IL	123.8	LIC	BLTTA	-20020620AAI

%%%

Analysis of Interference to Affected Station 1

Analysis of current record

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

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
44	WLS-TV	CHICAGO IL	279.2	APP	BPCDT	-WLSDT44JHB
43	KTVI	ST LOUIS MO	161.6	LIC	BLCDT	-20040903AAY
44	WDTI	INDIANAPOLIS IN	277.0	LIC	BMPEDT	-WDTI44APPB
44	WDTI	INDIANAPOLIS IN	276.7	CP MOD	BMPEDT	-20070523ACG
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

Total scenarios = 1

Result key: 1
Scenario 1 Affected station 1
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	7442	283.9
lost to ATV IX only	7442	283.9
lost to all IX	7442	283.9

Potential Interfering Stations Included in above Scenario 1

43A MO ST LOUIS BLCDT 20040903AAY LIC
44A IN INDIANAPOLIS BPEDT 20080617AEQ CP
44A IL CHICAGO BPCDT WLSDT44JHB APP

The following station failed the de minimis interference criteria.

44D IL CHICAGO BPCDT WLSDT44JHB
ERP 1000.00 kW HAAT 437.0 m RCAMSL 618.2 m
Antenna CDB 00000000099907

Due to interference to the following station and scenario: 1

44D IL SPRINGFIELD BPCDT 20080620AGF
ERP 750.00 kW HAAT 415.0 m RCAMSL 590.0 m
Antenna 999999999999999

Percent Service lost without proposal: 0.0 to BPCDT 20080620AGF
Percent Service lost with proposal: 0.4 to BPCDT 20080620AGF

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Analysis of Interference to Affected Station 2

Analysis of current record

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

Stations Potentially Affecting This Station

Table with columns: Chan, Call, City/State, Dist(km), Status, Application Ref. No.
44 WLS-TV CHICAGO IL 83.1 APP BPCDT -WLSDT44JHB
23 WIFR FREEPORT IL 85.7 CP MOD BMPCDT -20080613AAB
27 WCIU-TV CHICAGO IL 81.5 CP MOD BMPCDT -20021202ABR
27 WCIU-TV CHICAGO IL 81.5 APP BPCDT -20080619ACH
28 WYZZ-TV BLOOMINGTON IL 124.0 CP MOD BMPCDT -20030805AHV
29 WMAQ-TV CHICAGO IL 81.5 LIC BLCDT -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 CP BPCDT -20080616AAN
31 WFLD CHICAGO IL 81.5 LIC BLCDT -20050606ABF
38 WGBO-TV JOLIET IL 83.1 CP MOD BMPCDT -20080618AEI
45 WSNS-TV CHICAGO IL 81.5 LIC BLCDT -20010612AIB
45 WSNS-TV CHICAGO IL 81.5 CP BPCDT -20080620AMW

Proposed station is beyond the site to nearest cell evaluation distance

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Analysis of Interference to Affected Station 3

Analysis of current record

Channel Call City/State Application Ref. No.
41 WOCH-CA CHICAGO IL BSTA -20060109ACO

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
44	WLS-TV	CHICAGO IL	0.0	APP	BPCDT	-WLSDT44JHB
33	WITI	MILWAUKEE WI	135.1	APP	BMPCDT	-20080620ANH
33	WITI	MILWAUKEE WI	134.3	CP MOD	BMPCDT	-20080122AOP
34	WISN-TV	MILWAUKEE WI	137.1	LIC	BLCDT	-20050412ADP
38	WGBO-TV	JOLIET IL	0.0	CP MOD	BMPCDT	-20080618AEI
41	KGCW-TV	BURLINGTON IA	278.3	APP	BMPCDT	-20080619AJN
41	KGCW-TV	BURLINGTON IA	278.3	CP	BPCDT	-19991028AFB
41	WICD	CHAMPAIGN IL	204.8	CP MOD	BMPCDT	-20041215AAN
41	WIFR	FREEPORT IL	135.1	LIC	BLCDT	-20041012AIQ
41	WXYZ-TV	DETROIT MI	365.7	CP	BPCDT	-20080228AAC
41	WXYZ-TV	DETROIT MI	365.7	APP	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	APP	BPCDT	-20080619ACK
41	WGBA	GREEN BAY WI	274.9	CP MOD	BMPCDT	-20080207AAN
41	WGBA	GREEN BAY WI	274.9	APP	BMPCDT	-20080620AEI
42	WNDU-TV	SOUTH BEND IN	121.4	LIC	BLCDT	-20060717AAG
42	WNDU-TV	SOUTH BEND IN	121.4	APP	BPCDT	-20080619AAB
43	WCPX	CHICAGO IL	1.1	APP	BPCDT	-20080619AIL
43	WCPX	CHICAGO IL	2.5	LIC	BLCDT	-20010226ABH
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	LIC	BLCDT	-20060109ABG
48	WHME-TV	SOUTH BEND IN	125.9	APP	BPCDT	-20080619ABC
48	WBME-TV	RACINE WI	107.8	LIC	BMLCDT	-20070823AED
48	WBME-TV	RACINE WI	137.1	CP MOD	BMPCDT	-20080617AAA
48	WBME-TV	RACINE WI	137.1	APP	BMPCDT	-20080620ACE

Proposal causes no interference

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Analysis of Interference to Affected Station 4

Analysis of current record

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

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
44	WLS-TV	CHICAGO IL	0.0	APP	BPCDT	-WLSDT44JHB
33	WITI	MILWAUKEE WI	135.1	APP	BMPCDT	-20080620ANH
33	WITI	MILWAUKEE WI	134.3	CP MOD	BMPCDT	-20080122AOP
34	WISN-TV	MILWAUKEE WI	137.1	LIC	BLCDT	-20050412ADP
38	WGBO-TV	JOLIET IL	0.0	CP MOD	BMPCDT	-20080618AEI
41	KGCW-TV	BURLINGTON IA	278.3	APP	BMPCDT	-20080619AJN
41	KGCW-TV	BURLINGTON IA	278.3	CP	BPCDT	-19991028AFB
41	WICD	CHAMPAIGN IL	204.8	CP MOD	BMPCDT	-20041215AAN
41	WIFR	FREEPORT IL	135.1	LIC	BLCDT	-20041012AIQ
41	WXYZ-TV	DETROIT MI	365.7	CP	BPCDT	-20080228AAC
41	WXYZ-TV	DETROIT MI	365.7	APP	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	APP	BPCDT	-20080619ACK
41	WGBA	GREEN BAY WI	274.9	CP MOD	BMPCDT	-20080207AAN
41	WGBA	GREEN BAY WI	274.9	APP	BMPCDT	-20080620AEI
42	WNDU-TV	SOUTH BEND IN	121.4	LIC	BLCDT	-20060717AAG
42	WNDU-TV	SOUTH BEND IN	121.4	APP	BPCDT	-20080619AAB
43	WCPX	CHICAGO IL	1.1	APP	BPCDT	-20080619AIL
43	WCPX	CHICAGO IL	2.5	LIC	BLCDT	-20010226ABH

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	LIC	BLCDT	-20060109ABG
48	WHME-TV	SOUTH BEND IN	125.9	APP	BPCDT	-20080619ABC
48	WBME-TV	RACINE WI	107.8	LIC	BMLCDT	-20070823AED
48	WBME-TV	RACINE WI	137.1	CP MOD	BMPCDT	-20080617AAA
48	WBME-TV	RACINE WI	137.1	APP	BMPCDT	-20080620ACE

Proposal causes no interference

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Analysis of Interference to Affected Station 5

Analysis of current record

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

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
44	WLS-TV	CHICAGO IL	0.0	APP	BPCDT	-WLSDT44JHB
33	WITI	MILWAUKEE WI	135.1	APP	BMPCDT	-20080620ANH
33	WITI	MILWAUKEE WI	134.3	CP MOD	BMPCDT	-20080122AOP
34	WISN-TV	MILWAUKEE WI	137.1	LIC	BLCDT	-20050412ADP
38	WGBO-TV	JOLIET IL	0.0	CP MOD	BMPCDT	-20080618AEI
41	KGCW-TV	BURLINGTON IA	278.3	APP	BMPCDT	-20080619AJN
41	KGCW-TV	BURLINGTON IA	278.3	CP	BPCDT	-19991028AFB
41	WICD	CHAMPAIGN IL	204.8	CP MOD	BMPCDT	-20041215AAN
41	WIFR	FREEPORT IL	135.1	LIC	BLCDT	-20041012AIQ
41	WXYZ-TV	DETROIT MI	365.7	CP	BPCDT	-20080228AAC
41	WXYZ-TV	DETROIT MI	365.7	APP	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	APP	BPCDT	-20080619ACK
41	WGBA	GREEN BAY WI	274.9	CP MOD	BMPCDT	-20080207AAN
41	WGBA	GREEN BAY WI	274.9	APP	BMPCDT	-20080620AEI
42	WNDU-TV	SOUTH BEND IN	121.4	LIC	BLCDT	-20060717AAG
42	WNDU-TV	SOUTH BEND IN	121.4	APP	BPCDT	-20080619AAB
43	WCPX	CHICAGO IL	1.1	APP	BPCDT	-20080619AIL
43	WCPX	CHICAGO IL	2.5	LIC	BLCDT	-20010226ABH
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	LIC	BLCDT	-20060109ABG
48	WHME-TV	SOUTH BEND IN	125.9	APP	BPCDT	-20080619ABC
48	WBME-TV	RACINE WI	107.8	LIC	BMLCDT	-20070823AED
48	WBME-TV	RACINE WI	137.1	CP MOD	BMPCDT	-20080617AAA
48	WBME-TV	RACINE WI	137.1	APP	BMPCDT	-20080620ACE

Proposal causes no interference

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Analysis of Interference to Affected Station 6

Analysis of current record

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

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
44	WLS-TV	CHICAGO IL	137.1	APP	BPCDT	-WLSDT44JHB
33	WITI	MILWAUKEE WI	2.8	APP	BMPCDT	-20080620ANH
33	WITI	MILWAUKEE WI	3.6	CP MOD	BMPCDT	-20080122AOP
34	WISN-TV	MILWAUKEE WI	0.2	LIC	BLCDDT	-20050412ADP
38	WGBO-TV	JOLIET IL	137.1	CP MOD	BMPCDT	-20080618AEI
39	WFRV-TV	GREEN BAY WI	135.9	LIC	BLCDDT	-20051004ABD
40	WPXE	KENOSHA WI	2.8	LIC	BLCDDT	-20040206AAT
41	KGCW-TV	BURLINGTON IA	323.3	APP	BMPCDT	-20080619AJN
41	KGCW-TV	BURLINGTON IA	323.3	CP	BPCDDT	-19991028AFB
41	WICD	CHAMPAIGN IL	338.1	CP MOD	BMPCDT	-20041215AAN
41	WIFR	FREEPORT IL	135.9	LIC	BLCDDT	-20041012AIQ
41	WXYZ-TV	DETROIT MI	388.3	CP	BPCDDT	-20080228AAC
41	WXYZ-TV	DETROIT MI	388.3	APP	BMPCDT	-20080618ABH
41	WXYZ-TV	DETROIT MI	388.3	LIC	BLCDDT	-20030325ABI
41	WGBA	GREEN BAY WI	138.6	CP MOD	BMPCDT	-20080207AAN
41	WGBA	GREEN BAY WI	138.6	APP	BMPCDT	-20080620AEI
43	WCPX	CHICAGO IL	137.3	APP	BPCDDT	-20080619AIL
43	WCPX	CHICAGO IL	139.1	LIC	BLCDDT	-20010226ABH
43	WWRS-TV	MAYVILLE WI	60.2	APP	BPCDDT	-20080618ATT
43	WWRS-TV	MAYVILLE WI	60.2	LIC	BLCDDT	-20050825AEW
45	WSNS-TV	CHICAGO IL	139.1	LIC	BLCDDT	-20010612AIB
45	WSNS-TV	CHICAGO IL	139.1	CP	BPCDDT	-20080620AMW
48	WBME-TV	RACINE WI	29.4	LIC	BMLCDDT	-20070823AED
48	WBME-TV	RACINE WI	0.0	CP MOD	BMPCDT	-20080617AAA
48	WBME-TV	RACINE WI	0.0	APP	BMPCDT	-20080620ACE

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 7

Analysis of current record

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

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
44	WLS-TV	CHICAGO IL	1.1	APP	BPCDDT	-WLSDT44JHB
42	WQRF-TV	ROCKFORD IL	133.9	CP MOD	BMPCDT	-20070207ABW
42	WNDU-TV	SOUTH BEND IN	122.3	LIC	BLCDDT	-20060717AAG
42	WNDU-TV	SOUTH BEND IN	122.3	APP	BPCDDT	-20080619AAB
43	KFXB	DUBUQUE IA	255.3	APP	BMPCDT	-20080619ALC
43	KFXB	DUBUQUE IA	255.3	CP	BPCDDT	-19991028ACY
43	KFXB	DUBUQUE IA	255.3	APP	BDSTA	-20080229AAC
43	WTVS	DETROIT MI	372.7	LIC	BLEDDT	-20001117ABV
43	WTVS	DETROIT MI	372.7	APP	BFEDT	-20080620AAL
43	WWRS-TV	MAYVILLE WI	186.1	APP	BPCDDT	-20080618ATT
43	WWRS-TV	MAYVILLE WI	186.1	LIC	BLCDDT	-20050825AEW
44	WZPX	BATTLE CREEK MI	228.5	LIC	BLCDDT	-20020510AAG

Total scenarios = 8

Result key: 2
Scenario 1 Affected station 7
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 Interferring Stations Included in above Scenario 1

42A IL ROCKFORD	BMPCDT	20070207ABW	CP
42A IN SOUTH BEND	BLCDT	20060717AAG	LIC
43A IA DUBUQUE	BPCDT	19991028ACY	CP
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	47716	823.1
lost to ATV IX only	47716	823.1
lost to all IX	47716	823.1

Potential Interferring Stations Included in above Scenario 1

42A IL ROCKFORD	BMPCDT	20070207ABW	CP
42A IN SOUTH BEND	BLCDT	20060717AAG	LIC
43A IA DUBUQUE	BPCDT	19991028ACY	CP
43A WI MAYVILLE	BLCDT	20050825AEW	LIC
44A IL CHICAGO	BPCDT	WLSDT44JHB	APP

Result key: 3
Scenario 2 Affected station 7
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	81342	1076.1
lost to ATV IX only	81342	1076.1
lost to all IX	81342	1076.1

Potential Interferring Stations Included in above Scenario 2

42A IL ROCKFORD	BMPCDT	20070207ABW	CP
42A IN SOUTH BEND	BLCDT	20060717AAG	LIC
43A IA DUBUQUE	BMPCDT	20080619ALC	APP
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)
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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	83403	1100.1
lost to ATV IX only	83403	1100.1
lost to all IX	83403	1100.1

Potential Interfering Stations Included in above Scenario 2

42A IL ROCKFORD	BMPCDT	20070207ABW	CP
42A IN SOUTH BEND	BLCDT	20060717AAG	LIC
43A IA DUBUQUE	BMPCDT	20080619ALC	APP
43A WI MAYVILLE	BPCDT	20080618ATT	APP
44A IL CHICAGO	BPCDT	WLSDT44JHB	APP

Result key: 4
Scenario 3 Affected station 7
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	47256	819.1
lost to ATV IX only	47256	819.1
lost to all IX	47256	819.1

Potential Interfering Stations Included in above Scenario 3

42A IL ROCKFORD	BMPCDT	20070207ABW	CP
42A IN SOUTH BEND	BLCDT	20060717AAG	LIC
43A IA DUBUQUE	BMPCDT	20080619ALC	APP
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	50121	847.2
lost to ATV IX only	50121	847.2
lost to all IX	50121	847.2

Potential Interfering Stations Included in above Scenario 3

42A IL ROCKFORD	BMPCDT	20070207ABW	CP
42A IN SOUTH BEND	BLCDT	20060717AAG	LIC
43A IA DUBUQUE	BMPCDT	20080619ALC	APP
43A WI MAYVILLE	BLCDT	20050825AEW	LIC
44A IL CHICAGO	BPCDT	WLSDT44JHB	APP

Result key: 5
Scenario 4 Affected station 7
Before Analysis

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

	POPULATION	AREA (sq km)
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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 4

42A IL ROCKFORD	BMPCDT	20070207ABW	CP
42A IN SOUTH BEND	BLCDT	20060717AAG	LIC
43A IA DUBUQUE	BPCDT	19991028ACY	CP
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	81740	1088.1
lost to ATV IX only	81740	1088.1
lost to all IX	81740	1088.1

Potential Interfering Stations Included in above Scenario 4

42A IL ROCKFORD	BMPCDT	20070207ABW	CP
42A IN SOUTH BEND	BLCDT	20060717AAG	LIC
43A IA DUBUQUE	BPCDT	19991028ACY	CP
43A WI MAYVILLE	BPCDT	20080618ATT	APP
44A IL CHICAGO	BPCDT	WLSDT44JHB	APP

Result key: 6
 Scenario 5 Affected station 7
 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	82928	1160.4
lost to ATV IX only	82928	1160.4
lost to all IX	82928	1160.4

Potential Interfering Stations Included in above Scenario 5

42A IL ROCKFORD	BMPCDT	20070207ABW	CP
42A IN SOUTH BEND	BPCDT	20080619AAB	APP
43A IA DUBUQUE	BMPCDT	20080619ALC	APP
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	84989	1184.5
lost to ATV IX only	84989	1184.5
lost to all IX	84989	1184.5

Potential Interfering Stations Included in above Scenario 5

42A IL ROCKFORD	BMPCDT	20070207ABW	CP
42A IN SOUTH BEND	BPCDT	20080619AAB	APP
43A IA DUBUQUE	BMPCDT	20080619ALC	APP
43A WI MAYVILLE	BPCDT	20080618ATT	APP
44A IL CHICAGO	BPCDT	WLSDT44JHB	APP

Result key: 7
 Scenario 6 Affected station 7
 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	48842	903.4
lost to ATV IX only	48842	903.4
lost to all IX	48842	903.4

Potential Interfering Stations Included in above Scenario 6

42A IL ROCKFORD	BMPCDT	20070207ABW	CP
42A IN SOUTH BEND	BPCDT	20080619AAB	APP
43A IA DUBUQUE	BMPCDT	20080619ALC	APP
43A WI MAYVILLE	BPCDT	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	51707	931.5
lost to ATV IX only	51707	931.5
lost to all IX	51707	931.5

Potential Interfering Stations Included in above Scenario 6

42A IL ROCKFORD	BMPCDT	20070207ABW	CP
42A IN SOUTH BEND	BPCDT	20080619AAB	APP
43A IA DUBUQUE	BMPCDT	20080619ALC	APP
43A WI MAYVILLE	BPCDT	20050825AEW	LIC
44A IL CHICAGO	BPCDT	WLSDT44JHB	APP

Result key: 8
 Scenario 7 Affected station 7
 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 7

42A IL ROCKFORD	BMPCDT	20070207ABW	CP
42A IN SOUTH BEND	BPCDT	20080619AAB	APP
43A IA DUBUQUE	BPCDT	19991028ACY	CP
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	83326	1172.4
lost to ATV IX only	83326	1172.4
lost to all IX	83326	1172.4

Potential Interfering Stations Included in above Scenario 7

42A IL ROCKFORD	BMPCDT	20070207ABW	CP
42A IN SOUTH BEND	BPCDT	20080619AAB	APP
43A IA DUBUQUE	BPCDT	19991028ACY	CP
43A WI MAYVILLE	BPCDT	20080618ATT	APP
44A IL CHICAGO	BPCDT	WLSDT44JHB	APP

Result key: 9
 Scenario 8 Affected station 7
 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 8

42A IL ROCKFORD	BMPCDT	20070207ABW	CP
42A IN SOUTH BEND	BPCDT	20080619AAB	APP
43A IA DUBUQUE	BPCDT	19991028ACY	CP
43A WI MAYVILLE	BPCDT	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	49302	907.4
lost to ATV IX only	49302	907.4
lost to all IX	49302	907.4

Potential Interfering Stations Included in above Scenario 8

42A IL ROCKFORD	BMPCDT	20070207ABW	CP
42A IN SOUTH BEND	BPCDT	20080619AAB	APP
43A IA DUBUQUE	BPCDT	19991028ACY	CP
43A WI MAYVILLE	BPCDT	20050825AEW	LIC
44A IL CHICAGO	BPCDT	WLSDT44JHB	APP

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Analysis of Interference to Affected Station 8

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
43	WCPX	CHICAGO IL	BPCDT	-20010226ABH

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
44	WLS-TV	CHICAGO IL	2.5	APP	BPCDT	-WLSDT44JHB
42	WQRF-TV	ROCKFORD IL	134.5	CP MOD	BMPCDT	-20070207ABW
42	WNDU-TV	SOUTH BEND IN	121.9	LIC	BPCDT	-20060717AAG
42	WNDU-TV	SOUTH BEND IN	121.8	APP	BPCDT	-20080619AAB
43	KFXB	DUBUQUE IA	255.8	APP	BMPCDT	-20080619ALC
43	KFXB	DUBUQUE IA	255.8	CP	BPCDT	-19991028ACY
43	KFXB	DUBUQUE IA	255.8	APP	BDSTA	-20080229AAC
43	WTVS	DETROIT MI	373.0	LIC	BLEDT	-20001117ABV
43	WTVS	DETROIT MI	373.0	APP	BPEDT	-20080620AAL
43	WWSR-TV	MAYVILLE WI	187.8	APP	BPCDT	-20080618ATT
43	WWSR-TV	MAYVILLE WI	187.8	LIC	BPCDT	-20050825AEW

Total scenarios = 12

Result key: 10
 Scenario 1 Affected station 8
 Before Analysis

Results for: 43A IL CHICAGO BPCDT 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	BPCDT	20060717AAG	LIC
43A IA DUBUQUE	BPCDT	19991028ACY	CP
43A WI MAYVILLE	BPCDT	20050825AEW	LIC

After Analysis

Results for: 43A IL CHICAGO BPCDT 20010226ABH LIC

HAAT 510.0 m, ATV ERP 200.0 kW	POPULATION	AREA (sq km)
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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	52207	755.0
lost to ATV IX only	52207	755.0
lost to all IX	52207	755.0

Potential Interfering Stations Included in above Scenario 1

42A IL ROCKFORD	BMPCDT	20070207ABW	CP
42A IN SOUTH BEND	BLCDT	20060717AAG	LIC
43A IA DUBUQUE	BPCDT	19991028ACY	CP
43A WI MAYVILLE	BLCDT	20050825AEW	LIC
44A IL CHICAGO	BPCDT	WLSDT44JHB	APP

The following station failed the de minimis interference criteria.

44D IL CHICAGO BPCDT WLSDT44JHB
 ERP 1000.00 kW HAAT 437.0 m RCAMSL 618.2 m
 Antenna CDB 00000000099907

Due to interference to the following station and scenario: 1

43D IL CHICAGO BLCDT 20010226ABH
 ERP 200.00 kW HAAT 510.0 m RCAMSL 689.5 m
 Antenna CDB 00000000038347

Percent Service lost without proposal:	0.0	to BLCDT	20010226ABH
Percent Service lost with proposal:	0.2	to BLCDT	20010226ABH

Result key: 11
 Scenario 2 Affected station 8
 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	67391	1028.1
lost to ATV IX only	67391	1028.1
lost to all IX	67391	1028.1

Potential Interfering Stations Included in above Scenario 2

42A IL ROCKFORD	BMPCDT	20070207ABW	CP
42A IN SOUTH BEND	BLCDT	20060717AAG	LIC
43A IA DUBUQUE	BMPCDT	20080619ALC	APP
43A WI MAYVILLE	BPCDT	20080618ATT	APP

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	80458	1056.3
lost to ATV IX only	80458	1056.3
lost to all IX	80458	1056.3

Potential Interfering Stations Included in above Scenario 2

42A IL ROCKFORD	BMPCDT	20070207ABW	CP
42A IN SOUTH BEND	BLCDT	20060717AAG	LIC
43A IA DUBUQUE	BMPCDT	20080619ALC	APP
43A WI MAYVILLE	BPCDT	20080618ATT	APP
44A IL CHICAGO	BPCDT	WLSDT44JHB	APP

The following station failed the de minimis interference criteria.

44D IL CHICAGO BPCDT WLSDT44JHB
 ERP 1000.00 kW HAAT 437.0 m RCAMSL 618.2 m
 Antenna CDB 00000000099907

Due to interference to the following station and scenario: 2

43D IL CHICAGO BLCDT 20010226ABH
 ERP 200.00 kW HAAT 510.0 m RCAMSL 689.5 m
 Antenna CDB 00000000038347

Percent Service lost without proposal: 0.0 to BLCDT 20010226ABH
 Percent Service lost with proposal: 0.1 to BLCDT 20010226ABH

Result key: 12
 Scenario 3 Affected station 8
 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	47171	751.0
lost to ATV IX only	47171	751.0
lost to all IX	47171	751.0

Potential Interfering Stations Included in above Scenario 3

42A IL ROCKFORD	BMPCDT	20070207ABW	CP
42A IN SOUTH BEND	BLCDT	20060717AAG	LIC
43A IA DUBUQUE	BMPCDT	20080619ALC	APP
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	62391	787.2
lost to ATV IX only	62391	787.2
lost to all IX	62391	787.2

Potential Interfering Stations Included in above Scenario 3

42A IL ROCKFORD	BMPCDT	20070207ABW	CP
42A IN SOUTH BEND	BLCDT	20060717AAG	LIC
43A IA DUBUQUE	BMPCDT	20080619ALC	APP
43A WI MAYVILLE	BLCDT	20050825AEW	LIC
44A IL CHICAGO	BPCDT	WLSDT44JHB	APP

The following station failed the de minimis interference criteria.

44D IL CHICAGO BPCDT WLSDT44JHB
ERP 1000.00 kW HAAT 437.0 m RCAMSL 618.2 m
Antenna CDB 00000000099907

Due to interference to the following station and scenario: 3
43D IL CHICAGO BLCDT 20010226ABH
ERP 200.00 kW HAAT 510.0 m RCAMSL 689.5 m
Antenna CDB 00000000038347

Percent Service lost without proposal: 0.0 to BLCDT 20010226ABH
Percent Service lost with proposal: 0.2 to BLCDT 20010226ABH

Result key: 13
Scenario 4 Affected station 8
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 4

42A IL ROCKFORD BMPCDT 20070207ABW CP
42A IN SOUTH BEND BLCDT 20060717AAG LIC
43A IA DUBUQUE BPCDT 19991028ACY CP
43A WI MAYVILLE BPCDT 20080618ATT APP

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	80021	1052.2
lost to ATV IX only	80021	1052.2
lost to all IX	80021	1052.2

Potential Interfering Stations Included in above Scenario 4

42A IL ROCKFORD BMPCDT 20070207ABW CP
42A IN SOUTH BEND BLCDT 20060717AAG LIC
43A IA DUBUQUE BPCDT 19991028ACY CP
43A WI MAYVILLE BPCDT 20080618ATT APP
44A IL CHICAGO BPCDT WLSDT44JHB APP

The following station failed the de minimis interference criteria.

44D IL CHICAGO BPCDT WLSDT44JHB
ERP 1000.00 kW HAAT 437.0 m RCAMSL 618.2 m
Antenna CDB 00000000099907

Due to interference to the following station and scenario: 4
43D IL CHICAGO BLCDT 20010226ABH
ERP 200.00 kW HAAT 510.0 m RCAMSL 689.5 m
Antenna CDB 00000000038347

Percent Service lost without proposal: 0.0 to BLCDT 20010226ABH
Percent Service lost with proposal: 0.1 to BLCDT 20010226ABH

Result key: 14
Scenario 5 Affected station 8
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 5

42A IL ROCKFORD	BMPCDT	20070207ABW	CP
42A IN SOUTH BEND	BLCDT	20060717AAG	LIC
43A IA DUBUQUE	BDSTA	20080229AAC	APP
43A WI MAYVILLE	BPCDT	20080618ATT	APP

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	80021	1052.2
lost to ATV IX only	80021	1052.2
lost to all IX	80021	1052.2

Potential Interfering Stations Included in above Scenario 5

42A IL ROCKFORD	BMPCDT	20070207ABW	CP
42A IN SOUTH BEND	BLCDT	20060717AAG	LIC
43A IA DUBUQUE	BDSTA	20080229AAC	APP
43A WI MAYVILLE	BPCDT	20080618ATT	APP
44A IL CHICAGO	BPCDT	WLSDT44JHB	APP

The following station failed the de minimis interference criteria.

44D IL CHICAGO BPCDT WLSDT44JHB
ERP 1000.00 kW HAAT 437.0 m RCAMSL 618.2 m
Antenna CDB 0000000099907

Due to interference to the following station and scenario: 5

43D IL CHICAGO BLCDT 20010226ABH
ERP 200.00 kW HAAT 510.0 m RCAMSL 689.5 m
Antenna CDB 0000000038347

Percent Service lost without proposal: 0.0 to BLCDT 20010226ABH
Percent Service lost with proposal: 0.1 to BLCDT 20010226ABH

Result key: 15
Scenario 6 Affected station 8
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 6

42A IL ROCKFORD	BMPCDT	20070207ABW	CP
42A IN SOUTH BEND	BLCDT	20060717AAG	LIC
43A IA DUBUQUE	BDSTA	20080229AAC	APP
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	52207	755.0
lost to ATV IX only	52207	755.0
lost to all IX	52207	755.0

Potential Interfering Stations Included in above Scenario 6

42A IL ROCKFORD	BMPCDT	20070207ABW	CP
42A IN SOUTH BEND	BLCDT	20060717AAG	LIC
43A IA DUBUQUE	BDSTA	20080229AAC	APP
43A WI MAYVILLE	BLCDT	20050825AEW	LIC
44A IL CHICAGO	BPCDT	WLSDT44JHB	APP

The following station failed the de minimis interference criteria.

44D IL CHICAGO BPCDT WLSDT44JHB
 ERP 1000.00 kW HAAT 437.0 m RCAMSL 618.2 m
 Antenna CDB 00000000099907

Due to interference to the following station and scenario: 6

43D IL CHICAGO BLCDT 20010226ABH
 ERP 200.00 kW HAAT 510.0 m RCAMSL 689.5 m
 Antenna CDB 00000000038347

Percent Service lost without proposal: 0.0 to BLCDT 20010226ABH
 Percent Service lost with proposal: 0.2 to BLCDT 20010226ABH

Result key: 16
 Scenario 7 Affected station 8
 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	74084	1108.5

lost to ATV IX only	74084	1108.5
lost to all IX	74084	1108.5

Potential Interfering Stations Included in above Scenario 7

42A IL ROCKFORD	BMPCDT	20070207ABW	CP
42A IN SOUTH BEND	BPCDT	20080619AAB	APP
43A IA DUBUQUE	BMPCDT	20080619ALC	APP
43A WI MAYVILLE	BPCDT	20080618ATT	APP

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	87151	1136.6
lost to ATV IX only	87151	1136.6
lost to all IX	87151	1136.6

Potential Interfering Stations Included in above Scenario 7

42A IL ROCKFORD	BMPCDT	20070207ABW	CP
42A IN SOUTH BEND	BPCDT	20080619AAB	APP
43A IA DUBUQUE	BMPCDT	20080619ALC	APP
43A WI MAYVILLE	BPCDT	20080618ATT	APP
44A IL CHICAGO	BPCDT	WLSDT44JHB	APP

The following station failed the de minimis interference criteria.

44D IL CHICAGO BPCDT WLSDT44JHB
 ERP 1000.00 kW HAAT 437.0 m RCAMSL 618.2 m
 Antenna CDB 00000000099907

Due to interference to the following station and scenario: 7

43D IL CHICAGO BLCDT 20010226ABH
 ERP 200.00 kW HAAT 510.0 m RCAMSL 689.5 m
 Antenna CDB 00000000038347

Percent Service lost without proposal:	0.0	to BLCDT	20010226ABH
Percent Service lost with proposal:	0.1	to BLCDT	20010226ABH

Result key: 17
 Scenario 8 Affected station 8
 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	53864	831.3
lost to ATV IX only	53864	831.3
lost to all IX	53864	831.3

Potential Interfering Stations Included in above Scenario 8

42A IL ROCKFORD	BMPCDT	20070207ABW	CP
42A IN SOUTH BEND	BPCDT	20080619AAB	APP
43A IA DUBUQUE	BMPCDT	20080619ALC	APP

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	69084	867.5
lost to ATV IX only	69084	867.5
lost to all IX	69084	867.5

Potential Interfering Stations Included in above Scenario 8

42A IL ROCKFORD BMPCDT 20070207ABW CP
 42A IN SOUTH BEND BPCDT 20080619AAB APP
 43A IA DUBUQUE BMPCDT 20080619ALC APP
 43A WI MAYVILLE BLCDT 20050825AEW LIC
 44A IL CHICAGO BPCDT WLSDT44JHB APP

The following station failed the de minimis interference criteria.

44D IL CHICAGO BPCDT WLSDT44JHB
ERP 1000.00 kW HAAT 437.0 m RCAMSL 618.2 m
Antenna CDB 0000000099907

Due to interference to the following station and scenario: 8

43D IL CHICAGO BLCDT 20010226ABH
ERP 200.00 kW HAAT 510.0 m RCAMSL 689.5 m
Antenna CDB 00000000038347

Percent Service lost without proposal: 0.0 to BLCDT 20010226ABH
Percent Service lost with proposal: 0.2 to BLCDT 20010226ABH

Result key: 18
Scenario 9 Affected station 8
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	73647	1104.4
lost to ATV IX only	73647	1104.4
lost to all IX	73647	1104.4

Potential Interfering Stations Included in above Scenario 9

42A IL ROCKFORD BMPCDT 20070207ABW CP
 42A IN SOUTH BEND BPCDT 20080619AAB APP
 43A IA DUBUQUE BPCDT 19991028ACY CP
 43A WI MAYVILLE BPCDT 20080618ATT APP

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	86714	1132.6
lost to ATV IX only	86714	1132.6
lost to all IX	86714	1132.6

Potential Interfering Stations Included in above Scenario 9

42A IL ROCKFORD	BMPCDT	20070207ABW	CP
42A IN SOUTH BEND	BPCDT	20080619AAB	APP
43A IA DUBUQUE	BPCDT	19991028ACY	CP
43A WI MAYVILLE	BPCDT	20080618ATT	APP
44A IL CHICAGO	BPCDT	WLSDT44JHB	APP

The following station failed the de minimis interference criteria.

44D IL CHICAGO BPCDT WLSDT44JHB
 ERP 1000.00 kW HAAT 437.0 m RCAMSL 618.2 m
 Antenna CDB 00000000099907

Due to interference to the following station and scenario: 9

43D IL CHICAGO BLCDT 20010226ABH
 ERP 200.00 kW HAAT 510.0 m RCAMSL 689.5 m
 Antenna CDB 00000000038347

Percent Service lost without proposal:	0.0	to BLCDT	20010226ABH
Percent Service lost with proposal:	0.1	to BLCDT	20010226ABH

Result key: 19
 Scenario 10 Affected station 8
 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 10

42A IL ROCKFORD	BMPCDT	20070207ABW	CP
42A IN SOUTH BEND	BPCDT	20080619AAB	APP
43A IA DUBUQUE	BPCDT	19991028ACY	CP
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	58900	835.4
lost to ATV IX only	58900	835.4
lost to all IX	58900	835.4

Potential Interfering Stations Included in above Scenario 10

42A IL ROCKFORD	BMPCDT	20070207ABW	CP
42A IN SOUTH BEND	BPCDT	20080619AAB	APP
43A IA DUBUQUE	BPCDT	19991028ACY	CP
43A WI MAYVILLE	BLCDT	20050825AEW	LIC
44A IL CHICAGO	BPCDT	WLSDT44JHB	APP

The following station failed the de minimis interference criteria.

44D IL CHICAGO BPCDT WLSDT44JHB
 ERP 1000.00 kW HAAT 437.0 m RCAMSL 618.2 m
 Antenna CDB 00000000099907

Due to interference to the following station and scenario: 10
 43D IL CHICAGO BLCDT 20010226ABH
 ERP 200.00 kW HAAT 510.0 m RCAMSL 689.5 m
 Antenna CDB 00000000038347

Percent Service lost without proposal: 0.0 to BLCDT 20010226ABH
 Percent Service lost with proposal: 0.2 to BLCDT 20010226ABH

Result key: 20
 Scenario 11 Affected station 8
 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	73647	1104.4
lost to ATV IX only	73647	1104.4
lost to all IX	73647	1104.4

Potential Interfering Stations Included in above Scenario 11

42A IL ROCKFORD	BMPCDT	20070207ABW	CP
42A IN SOUTH BEND	BPCDT	20080619AAB	APP
43A IA DUBUQUE	BDSTA	20080229AAC	APP
43A WI MAYVILLE	BPCDT	20080618ATT	APP

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	86714	1132.6
lost to ATV IX only	86714	1132.6
lost to all IX	86714	1132.6

Potential Interfering Stations Included in above Scenario 11

42A IL ROCKFORD	BMPCDT	20070207ABW	CP
42A IN SOUTH BEND	BPCDT	20080619AAB	APP
43A IA DUBUQUE	BDSTA	20080229AAC	APP
43A WI MAYVILLE	BPCDT	20080618ATT	APP
44A IL CHICAGO	BPCDT	WLSDT44JHB	APP

The following station failed the de minimis interference criteria.

44D IL CHICAGO BPCDT WLSDT44JHB

ERP 1000.00 kW HAAT 437.0 m RCAMSL 618.2 m
Antenna CDB 00000000099907

Due to interference to the following station and scenario: 11
43D IL CHICAGO BLCDT 20010226ABH
ERP 200.00 kW HAAT 510.0 m RCAMSL 689.5 m
Antenna CDB 00000000038347

Percent Service lost without proposal: 0.0 to BLCDT 20010226ABH
Percent Service lost with proposal: 0.1 to BLCDT 20010226ABH

Result key: 21
Scenario 12 Affected station 8
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 12

42A IL ROCKFORD	BMPCDT	20070207ABW	CP
42A IN SOUTH BEND	BPCDT	20080619AAB	APP
43A IA DUBUQUE	BDSTA	20080229AAC	APP
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	58900	835.4
lost to ATV IX only	58900	835.4
lost to all IX	58900	835.4

Potential Interfering Stations Included in above Scenario 12

42A IL ROCKFORD	BMPCDT	20070207ABW	CP
42A IN SOUTH BEND	BPCDT	20080619AAB	APP
43A IA DUBUQUE	BDSTA	20080229AAC	APP
43A WI MAYVILLE	BLCDT	20050825AEW	LIC
44A IL CHICAGO	BPCDT	WLSDT44JHB	APP

The following station failed the de minimis interference criteria.

44D IL CHICAGO BPCDT WLSDT44JHB
ERP 1000.00 kW HAAT 437.0 m RCAMSL 618.2 m
Antenna CDB 00000000099907

Due to interference to the following station and scenario: 12
43D IL CHICAGO BLCDT 20010226ABH
ERP 200.00 kW HAAT 510.0 m RCAMSL 689.5 m
Antenna CDB 00000000038347

Percent Service lost without proposal: 0.0 to BLCDT 20010226ABH
Percent Service lost with proposal: 0.2 to BLCDT 20010226ABH

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Analysis of Interference to Affected Station 9

Analysis of current record

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

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
44	WLS-TV	CHICAGO IL	186.1	APP	BPCDT	-WLSDT44JHB
42	WQRF-TV	ROCKFORD IL	138.1	CP MOD	BMPCDT	-20070207ABW
42	WPNE	GREEN BAY WI	116.0	LIC	BMLEDT	-20040818AAP
43	KFXB	DUBUQUE IA	198.4	APP	BMPCDT	-20080619ALC
43	KFXB	DUBUQUE IA	198.4	CP	BPCDT	-19991028ACY
43	KFXB	DUBUQUE IA	198.4	APP	BDSTA	-20080229AAC
43	WCPX	CHICAGO IL	186.1	APP	BPCDT	-20080619AIL
43	WCPX	CHICAGO IL	187.8	LIC	BLCDT	-20010226ABH

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.
43	WWRP-TV	MAYVILLE WI	BLCDT	-20050825AEW

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
44	WLS-TV	CHICAGO IL	186.1	APP	BPCDT	-WLSDT44JHB
42	WQRF-TV	ROCKFORD IL	138.1	CP MOD	BMPCDT	-20070207ABW
42	WPNE	GREEN BAY WI	116.0	LIC	BMLEDT	-20040818AAP
43	KFXB	DUBUQUE IA	198.4	APP	BMPCDT	-20080619ALC
43	KFXB	DUBUQUE IA	198.4	CP	BPCDT	-19991028ACY
43	KFXB	DUBUQUE IA	198.4	APP	BDSTA	-20080229AAC
43	WCPX	CHICAGO IL	186.1	APP	BPCDT	-20080619AIL
43	WCPX	CHICAGO IL	187.8	LIC	BLCDT	-20010226ABH

Proposal causes no interference

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Analysis of Interference to Affected Station 11

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
44	WRSP-TV	SPRINGFIELD IL	BDSTA	-WRSP44APPB

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
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44	WLS-TV	CHICAGO IL	279.2	APP	BPCDT	-WLSDT44JHB
43	KTVI	ST LOUIS MO	161.6	LIC	BLCDT	-20040903AAY
44	WDTI	INDIANAPOLIS IN	277.0	LIC	BMPEDT	-WDTI44APPB
44	WDTI	INDIANAPOLIS IN	276.7	CP MOD	BMPEDT	-20070523ACG
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

Total scenarios = 1

Result key: 22
Scenario 1 Affected station 11
Before Analysis

Results for: 44A IL SPRINGFIELD BDSTA WRSP44APPB LIC
HAAT 416.0 m, ATV ERP 335.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	882917	29029.0
not affected by terrain losses	881717	28993.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	413	16.0
lost to ATV IX only	413	16.0
lost to all IX	413	16.0

Potential Interfering Stations Included in above Scenario 1

43A MO ST LOUIS BLCDT 20040903AAY LIC

After Analysis

Results for: 44A IL SPRINGFIELD BDSTA WRSP44APPB LIC
HAAT 416.0 m, ATV ERP 335.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	882917	29029.0
not affected by terrain losses	881717	28993.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	3752	60.0
lost to ATV IX only	3752	60.0
lost to all IX	3752	60.0

Potential Interfering Stations Included in above Scenario 1

43A MO ST LOUIS BLCDT 20040903AAY LIC
44A IL CHICAGO BPCDT WLSDT44JHB APP

The following station failed the de minimis interference criteria.

44D IL CHICAGO BPCDT WLSDT44JHB
ERP 1000.00 kW HAAT 437.0 m RCAMSL 618.2 m
Antenna CDB 0000000099907

Due to interference to the following station and scenario: 1

44D IL SPRINGFIELD BDSTA WRSP44APPB
ERP 335.00 kW HAAT 416.0 m RCAMSL 588.0 m
Antenna 99999999999999

Percent Service lost without proposal: 0.0 to BDSTA WRSP44APPB
Percent Service lost with proposal: 0.4 to BDSTA WRSP44APPB

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Analysis of Interference to Affected Station 12

Analysis of current record

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

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
44	WLS-TV	CHICAGO IL	279.2	APP	BPCDT	-WLSDT44JHB
43	KTVI	ST LOUIS MO	161.6	LIC	BLCDT	-20040903AAY
44	WDTI	INDIANAPOLIS IN	277.0	LIC	BMPEDT	-WDTI44APPB
44	WDTI	INDIANAPOLIS IN	276.7	CP MOD	BMPEDT	-20070523ACG
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

Total scenarios = 1

Result key: 23
 Scenario 1 Affected station 12
 Before Analysis

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

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

Potential Interfering Stations Included in above Scenario 1

43A MO ST LOUIS BLCDT 20040903AAY LIC

After Analysis

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

	POPULATION	AREA (sq km)
within Noise Limited Contour	883288	29105.0
not affected by terrain losses	882088	29069.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	3788	68.0
lost to ATV IX only	3788	68.0
lost to all IX	3788	68.0

Potential Interfering Stations Included in above Scenario 1

43A MO ST LOUIS BLCDT 20040903AAY LIC
 44A IL CHICAGO BPCDT WLSDT44JHB APP

The following station failed the de minimis interference criteria.
 44D IL CHICAGO BPCDT WLSDT44JHB
 ERP 1000.00 kW HAAT 437.0 m RCAMSL 618.2 m
 Antenna CDB 0000000099907

Due to interference to the following station and scenario: 1
 44D IL SPRINGFIELD BLCDT 20050317ADQ

ERP 335.00 kW HAAT 415.0 m RCAMSL 590.0 m
 Antenna 9999999999999999

Percent Service lost without proposal: 0.0 to BLCDT 20050317ADQ
 Percent Service lost with proposal: 0.4 to BLCDT 20050317ADQ

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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	BMPEDT	-WDTI44APPB

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist (km)	Status	Application	Ref. No.
44	WLS-TV	CHICAGO IL	253.3	APP	BPCDT	-WLSDT44JHB
44	WRSP-TV	SPRINGFIELD IL	277.0	CP	BPCDT	-20080620AGF
44	WRSP-TV	SPRINGFIELD IL	277.0	LIC	BDSTA	-WRSP44APPB
44	WRSP-TV	SPRINGFIELD IL	277.0	LIC	BLCDT	-20050317ADQ
44	WTSF	ASHLAND KY	366.0	CP	BPCDT	-20000501AEQ
44	WKON	OWENTON KY	193.2	LIC	BLEDT	-20011121ABI
44	WZPX	BATTLE CREEK MI	324.3	LIC	BLCDT	-20020510AAG
44	WWJ-TV	DETROIT MI	380.9	LIC	BLCDT	-19990720LH
44	WWJ-TV	DETROIT MI	380.9	APP	BMPCDT	-20080616ABD
44	WWJ-TV	DETROIT MI	380.9	CP	BPCDT	-20080130AOM
44	WTLW	LIMA OH	196.7	CP MOD	BMPCDT	-20080616ABV
44	WJFB	LEBANON TN	415.5	LIC	BLCDT	-20070813ABW
44	WJFB	LEBANON TN	406.2	APP	BPCDT	-20080619AAQ
44	WJFB	LEBANON TN	415.5	CP	BPCDT	-19991028AFA
45	WXIN	INDIANAPOLIS IN	0.0	LIC	BLCDT	-20031003ABM

Total scenarios = 3

Result key: 24
 Scenario 1 Affected station 13
 Before Analysis

Results for: 44A IN INDIANAPOLIS BMPEDT WDTI44APPB LIC
 HAAT 167.0 m, ATV ERP 215.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1901372	16038.7
not affected by terrain losses	1899564	15954.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	70880	1729.7
lost to ATV IX only	70880	1729.7
lost to all IX	70880	1729.7

Potential Interfering Stations Included in above Scenario 1

44A IL SPRINGFIELD	BPCDT	20080620AGF	CP
44A KY OWENTON	BLEDT	20011121ABI	LIC
44A OH LIMA	BMPCDT	20080616ABV	CP
45A IN INDIANAPOLIS	BLCDT	20031003ABM	LIC

After Analysis

Results for: 44A IN INDIANAPOLIS BMPEDT WDTI44APPB LIC

HAAT 167.0 m, ATV ERP 215.0 kW		
	POPULATION	AREA (sq km)
within Noise Limited Contour	1901372	16038.7
not affected by terrain losses	1899564	15954.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	73970	1901.5
lost to ATV IX only	73970	1901.5
lost to all IX	73970	1901.5

Potential Interferring Stations Included in above Scenario 1

44A IL SPRINGFIELD	BPCDT	20080620AGF	CP
44A KY OWENTON	BLEDT	20011121ABI	LIC
44A OH LIMA	BMPCDT	20080616ABV	CP
45A IN INDIANAPOLIS	BLCDT	20031003ABM	LIC
44A IL CHICAGO	BPCDT	WLSDT44JHB	APP

The following station failed the de minimis interference criteria.

44D IL CHICAGO BPCDT WLSDT44JHB
 ERP 1000.00 kW HAAT 437.0 m RCAMSL 618.2 m
 Antenna CDB 00000000099907

Due to interference to the following station and scenario: 1

44D IN INDIANAPOLIS BMPEDT WDTI44APPB
 ERP 215.00 kW HAAT 167.0 m RCAMSL 420.0 m
 Antenna 999999999999999

Percent Service lost without proposal:	0.0	to BMPEDT	WDTI44APPB
Percent Service lost with proposal:	0.2	to BMPEDT	WDTI44APPB

Result key: 25
 Scenario 2 Affected station 13
 Before Analysis

Results for: 44A IN INDIANAPOLIS BMPEDT WDTI44APPB LIC
 HAAT 167.0 m, ATV ERP 215.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1901372	16038.7
not affected by terrain losses	1899564	15954.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	70436	1709.7
lost to ATV IX only	70436	1709.7
lost to all IX	70436	1709.7

Potential Interferring Stations Included in above Scenario 2

44A IL SPRINGFIELD	BDSTA	WRSP44APPB	LIC
44A KY OWENTON	BLEDT	20011121ABI	LIC
44A OH LIMA	BMPCDT	20080616ABV	CP
45A IN INDIANAPOLIS	BLCDT	20031003ABM	LIC

After Analysis

Results for: 44A IN INDIANAPOLIS BMPEDT WDTI44APPB LIC
 HAAT 167.0 m, ATV ERP 215.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1901372	16038.7
not affected by terrain losses	1899564	15954.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	73526	1881.5
lost to ATV IX only	73526	1881.5
lost to all IX	73526	1881.5

Potential Interfering Stations Included in above Scenario 2

44A IL SPRINGFIELD	BDSTA	WRSP44APPB	LIC
44A KY OWENTON	BLEDT	20011121ABI	LIC
44A OH LIMA	BMPCDT	20080616ABV	CP
45A IN INDIANAPOLIS	BLCDT	20031003ABM	LIC
44A IL CHICAGO	BPCDT	WLSDT44JHB	APP

The following station failed the de minimis interference criteria.

44D IL CHICAGO BPCDT WLSDT44JHB
ERP 1000.00 kW HAAT 437.0 m RCAMSL 618.2 m
Antenna CDB 00000000099907

Due to interference to the following station and scenario: 2

44D IN INDIANAPOLIS BMPEDT WDTI44APPB
ERP 215.00 kW HAAT 167.0 m RCAMSL 420.0 m
Antenna 99999999999999

Percent Service lost without proposal: 0.0 to BMPEDT WDTI44APPB
Percent Service lost with proposal: 0.2 to BMPEDT WDTI44APPB

Result key: 26
Scenario 3 Affected station 13
Before Analysis

Results for: 44A IN INDIANAPOLIS BMPEDT WDTI44APPB LIC
HAAT 167.0 m, ATV ERP 215.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1901372	16038.7
not affected by terrain losses	1899564	15954.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	70436	1709.7
lost to ATV IX only	70436	1709.7
lost to all IX	70436	1709.7

Potential Interfering Stations Included in above Scenario 3

44A IL SPRINGFIELD	BLCDT	20050317ADQ	LIC
44A KY OWENTON	BLEDT	20011121ABI	LIC
44A OH LIMA	BMPCDT	20080616ABV	CP
45A IN INDIANAPOLIS	BLCDT	20031003ABM	LIC

After Analysis

Results for: 44A IN INDIANAPOLIS BMPEDT WDTI44APPB LIC
HAAT 167.0 m, ATV ERP 215.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1901372	16038.7
not affected by terrain losses	1899564	15954.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	73526	1881.5
lost to ATV IX only	73526	1881.5
lost to all IX	73526	1881.5

Potential Interfering Stations Included in above Scenario 3

44A IL SPRINGFIELD	BLCDT	20050317ADQ	LIC
44A KY OWENTON	BLEDT	20011121ABI	LIC
44A OH LIMA	BMPCDT	20080616ABV	CP
45A IN INDIANAPOLIS	BLCDT	20031003ABM	LIC
44A IL CHICAGO	BPCDT	WLSDT44JHB	APP

The following station failed the de minimis interference criteria.
 44D IL CHICAGO BPCDT WLSDT44JHB
 ERP 1000.00 kW HAAT 437.0 m RCAMSL 618.2 m
 Antenna CDB 00000000099907

Due to interference to the following station and scenario: 3
 44D IN INDIANAPOLIS BMPEDT WDTI44APPB
 ERP 215.00 kW HAAT 167.0 m RCAMSL 420.0 m
 Antenna 99999999999999

Percent Service lost without proposal: 0.0 to BMPEDT WDTI44APPB
 Percent Service lost with proposal: 0.2 to BMPEDT WDTI44APPB

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Analysis of Interference to Affected Station 14

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
44	WDTI	INDIANAPOLIS IN	BMPEDT	-20070523ACG

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
44	WLS-TV	CHICAGO IL	252.6	APP	BPCDT	-WLSDT44JHB
44	WRSP-TV	SPRINGFIELD IL	276.7	CP	BPCDT	-20080620AGF
44	WRSP-TV	SPRINGFIELD IL	276.7	LIC	BDSTA	-WRSP44APPB
44	WRSP-TV	SPRINGFIELD IL	276.7	LIC	BLCDT	-20050317ADQ
44	WTSF	ASHLAND KY	366.5	CP	BPCDT	-20000501AEQ
44	WKON	OWENTON KY	193.9	LIC	BLEDT	-20011121ABI
44	WZPX	BATTLE CREEK MI	323.8	LIC	BLCDT	-20020510AAG
44	WWJ-TV	DETROIT MI	380.6	LIC	BLCDT	-19990720LH
44	WWJ-TV	DETROIT MI	380.7	APP	BMPCDT	-20080616ABD
44	WWJ-TV	DETROIT MI	380.7	CP	BPCDT	-20080130AOM
44	WTLW	LIMA OH	196.7	CP MOD	BMPCDT	-20080616ABW
44	WJFB	LEBANON TN	416.1	LIC	BLCDT	-20070813ABW
44	WJFB	LEBANON TN	406.8	APP	BPCDT	-20080619AAQ
44	WJFB	LEBANON TN	416.1	CP	BPCDT	-19991028AFA
45	WXIN	INDIANAPOLIS IN	0.7	LIC	BLCDT	-20031003ABM

Total scenarios = 3

Result key: 27
 Scenario 1 Affected station 14
 Before Analysis

Results for: 44A IN INDIANAPOLIS BMPEDT 20070523ACG CP
 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	4769	195.7
lost to ATV IX only	4769	195.7
lost to all IX	4769	195.7

Potential Interfering Stations Included in above Scenario 1

44A IL SPRINGFIELD	BPCDT	20080620AGF	CP
44A KY OWENTON	BLEDT	20011121ABI	LIC
44A OH LIMA	BMPCDT	20080616ABV	CP
45A IN INDIANAPOLIS	BLCDT	20031003ABM	LIC

After Analysis

Results for: 44A IN INDIANAPOLIS BMPEDT 20070523ACG CP
 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	6972	275.6
lost to ATV IX only	6972	275.6
lost to all IX	6972	275.6

Potential Interfering Stations Included in above Scenario 1

44A IL SPRINGFIELD	BPCDT	20080620AGF	CP
44A KY OWENTON	BLEDT	20011121ABI	LIC
44A OH LIMA	BMPCDT	20080616ABV	CP
45A IN INDIANAPOLIS	BLCDT	20031003ABM	LIC
44A IL CHICAGO	BPCDT	WLSDT44JHB	APP

The following station failed the de minimis interference criteria.

44D IL CHICAGO BPCDT WLSDT44JHB
 ERP 1000.00 kW HAAT 437.0 m RCAMSL 618.2 m
 Antenna CDB 00000000099907

Due to interference to the following station and scenario: 1

44D IN INDIANAPOLIS BMPEDT 20070523ACG
 ERP 28.00 kW HAAT 293.0 m RCAMSL 548.5 m
 Antenna 99999999999999

Percent Service lost without proposal: 0.0 to BMPEDT 20070523ACG
 Percent Service lost with proposal: 0.1 to BMPEDT 20070523ACG

Result key: 28
 Scenario 2 Affected station 14
 Before Analysis

Results for: 44A IN INDIANAPOLIS BMPEDT 20070523ACG CP
 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	4288	175.7
lost to ATV IX only	4288	175.7
lost to all IX	4288	175.7

Potential Interfering Stations Included in above Scenario 2

44A IL SPRINGFIELD	BDSTA	WRSP44APPB	LIC
44A KY OWENTON	BLEDT	20011121ABI	LIC
44A OH LIMA	BMPCDT	20080616ABV	CP
45A IN INDIANAPOLIS	BLCDT	20031003ABM	LIC

After Analysis

Results for: 44A IN INDIANAPOLIS BMPEDT 20070523ACG CP

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	6491	255.6
lost to ATV IX only	6491	255.6
lost to all IX	6491	255.6

Potential Interferring Stations Included in above Scenario 2

44A IL SPRINGFIELD	BDSTA	WRSP44APPB	LIC
44A KY OWENTON	BLEDT	20011121ABI	LIC
44A OH LIMA	BMPCDT	20080616ABV	CP
45A IN INDIANAPOLIS	BLCDDT	20031003ABM	LIC
44A IL CHICAGO	BPCDDT	WLSDDT44JHB	APP

The following station failed the de minimis interference criteria.

44D IL CHICAGO	BPCDDT	WLSDDT44JHB
ERP 1000.00 kW HAAT 437.0 m	RCAMSL	618.2 m
Antenna CDB 00000000099907		

Due to interference to the following station and scenario: 2

44D IN INDIANAPOLIS	BMPEDDT	20070523ACG
ERP 28.00 kW HAAT 293.0 m	RCAMSL	548.5 m
Antenna 9999999999999999		

Percent Service lost without proposal:	0.0	to BMPEDDT	20070523ACG
Percent Service lost with proposal:	0.1	to BMPEDDT	20070523ACG

Result key: 29
Scenario 3 Affected station 14
Before Analysis

Results for: 44A IN INDIANAPOLIS BMPEDDT 20070523ACG CP
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	4288	175.7
lost to ATV IX only	4288	175.7
lost to all IX	4288	175.7

Potential Interferring Stations Included in above Scenario 3

44A IL SPRINGFIELD	BLCDDT	20050317ADQ	LIC
44A KY OWENTON	BLEDT	20011121ABI	LIC
44A OH LIMA	BMPCDDT	20080616ABV	CP
45A IN INDIANAPOLIS	BLCDDT	20031003ABM	LIC

After Analysis

Results for: 44A IN INDIANAPOLIS BMPEDDT 20070523ACG CP
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	6491	255.6
lost to ATV IX only	6491	255.6
lost to all IX	6491	255.6

Potential Interfering Stations Included in above Scenario 3

44A IL SPRINGFIELD	BLCDT	20050317ADQ	LIC
44A KY OWENTON	BLEDT	20011121ABI	LIC
44A OH LIMA	BMPCDT	20080616ABV	CP
45A IN INDIANAPOLIS	BLCDT	20031003ABM	LIC
44A IL CHICAGO	BPCDT	WLSDT44JHB	APP

The following station failed the de minimis interference criteria.

44D IL CHICAGO BPCDT WLSDT44JHB
 ERP 1000.00 kW HAAT 437.0 m RCAMSL 618.2 m
 Antenna CDB 0000000099907

Due to interference to the following station and scenario: 3

44D IN INDIANAPOLIS BMPEDT 20070523ACG
 ERP 28.00 kW HAAT 293.0 m RCAMSL 548.5 m
 Antenna 99999999999999

Percent Service lost without proposal: 0.0 to BMPEDT 20070523ACG
 Percent Service lost with proposal: 0.1 to BMPEDT 20070523ACG

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Analysis of Interference to Affected Station 15

Analysis of current record

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

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
44	WLS-TV	CHICAGO IL	252.6	APP	BPCDT	-WLSDT44JHB
44	WRSP-TV	SPRINGFIELD IL	276.7	CP	BPCDT	-20080620AGF
44	WRSP-TV	SPRINGFIELD IL	276.7	LIC	BDSTA	-WRSP44APPB
44	WRSP-TV	SPRINGFIELD IL	276.7	LIC	BLCDT	-20050317ADQ
44	WTSF	ASHLAND KY	366.5	CP	BPCDT	-20000501AEQ
44	WKON	OWENTON KY	193.9	LIC	BLEDT	-20011121ABI
44	WZPX	BATTLE CREEK MI	323.8	LIC	BLCDT	-20020510AAG
44	WWJ-TV	DETROIT MI	380.6	LIC	BLCDT	-19990720LH
44	WWJ-TV	DETROIT MI	380.7	APP	BMPCDT	-20080616ABD
44	WWJ-TV	DETROIT MI	380.7	CP	BPCDT	-20080130AOM
44	WTLW	LIMA OH	196.7	CP MOD	BMPCDT	-20080616ABV
44	WJFB	LEBANON TN	416.1	LIC	BLCDT	-20070813ABW
44	WJFB	LEBANON TN	406.8	APP	BPCDT	-20080619AAQ
44	WJFB	LEBANON TN	416.1	CP	BPCDT	-19991028AFA
45	WXIN	INDIANAPOLIS IN	0.7	LIC	BLCDT	-20031003ABM

Total scenarios = 3

Result key: 30
 Scenario 1 Affected station 15
 Before Analysis

Results for: 44A IN INDIANAPOLIS BPEDT 20080617AEQ CP
 HAAT 293.0 m, ATV ERP 1000.0 kW
 POPULATION 2514247 AREA (sq km) 26078.9
 within Noise Limited Contour

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	BMPCDT	20080616ABV	CP
45A IN INDIANAPOLIS	BLCDT	20031003ABM	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	18833	499.1
lost to ATV IX only	18833	499.1
lost to all IX	18833	499.1

Potential Interfering Stations Included in above Scenario 1

44A IL SPRINGFIELD	BPCDT	20080620AGF	CP
44A KY OWENTON	BLEDT	20011121ABI	LIC
44A OH LIMA	BMPCDT	20080616ABV	CP
45A IN INDIANAPOLIS	BLCDT	20031003ABM	LIC
44A IL CHICAGO	BPCDT	WLSDT44JHB	APP

The following station failed the de minimis interference criteria.

44D IL CHICAGO BPCDT WLSDT44JHB
 ERP 1000.00 kW HAAT 437.0 m RCAMSL 618.2 m
 Antenna CDB 0000000099907

Due to interference to the following station and scenario: 1

44D IN INDIANAPOLIS BPEDT 20080617AEQ
 ERP 1000.00 kW HAAT 293.0 m RCAMSL 548.5 m
 Antenna CDB 0000000087185

Percent Service lost without proposal:	0.0	to BPEDT	20080617AEQ
Percent Service lost with proposal:	0.3	to BPEDT	20080617AEQ

Result key: 31
 Scenario 2 Affected station 15
 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	BDSTA	WRSP44APPB	LIC
44A KY OWENTON	BLEDT	20011121ABI	LIC
44A OH LIMA	BMPCDT	20080616ABV	CP
45A IN INDIANAPOLIS	BLCDT	20031003ABM	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	16368	347.4
lost to ATV IX only	16368	347.4
lost to all IX	16368	347.4

Potential Interfering Stations Included in above Scenario 2

44A IL SPRINGFIELD	BDSTA	WRSP44APPB	LIC
44A KY OWENTON	BLEDT	20011121ABI	LIC
44A OH LIMA	BMPCDT	20080616ABV	CP
45A IN INDIANAPOLIS	BLCDT	20031003ABM	LIC
44A IL CHICAGO	BPCDT	WLSDT44JHB	APP

The following station failed the de minimis interference criteria.

44D IL CHICAGO BPCDT WLSDT44JHB
 ERP 1000.00 kW HAAT 437.0 m RCAMSL 618.2 m
 Antenna CDB 00000000099907

Due to interference to the following station and scenario: 2

44D IN INDIANAPOLIS BPEDT 20080617AEQ
 ERP 1000.00 kW HAAT 293.0 m RCAMSL 548.5 m
 Antenna CDB 00000000087185

Percent Service lost without proposal: 0.0 to BPEDT 20080617AEQ
 Percent Service lost with proposal: 0.3 to BPEDT 20080617AEQ

Result key: 32
 Scenario 3 Affected station 15
 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 3

44A IL SPRINGFIELD	BLCDT	20050317ADQ	LIC
44A KY OWENTON	BLEDT	20011121ABI	LIC
44A OH LIMA	BMPCDT	20080616ABV	CP
45A IN INDIANAPOLIS	BLCDT	20031003ABM	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	16368	347.4
lost to ATV IX only	16368	347.4
lost to all IX	16368	347.4

Potential Interfering Stations Included in above Scenario 3

44A IL SPRINGFIELD	BLCDT	20050317ADQ	LIC
44A KY OWENTON	BLEDT	20011121ABI	LIC
44A OH LIMA	BMPCDT	20080616ABV	CP
45A IN INDIANAPOLIS	BLCDT	20031003ABM	LIC
44A IL CHICAGO	BPCDT	WLSDT44JHB	APP

The following station failed the de minimis interference criteria.

44D IL CHICAGO BPCDT WLSDT44JHB
 ERP 1000.00 kW HAAT 437.0 m RCAMSL 618.2 m
 Antenna CDB 00000000099907

Due to interference to the following station and scenario: 3

44D IN INDIANAPOLIS BPEDT 20080617AEQ
 ERP 1000.00 kW HAAT 293.0 m RCAMSL 548.5 m
 Antenna CDB 00000000087185

Percent Service lost without proposal: 0.0 to BPEDT 20080617AEQ
 Percent Service lost with proposal: 0.3 to BPEDT 20080617AEQ

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Analysis of Interference to Affected Station 16

Analysis of current record

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

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
44	WLS-TV	CHICAGO IL	227.4	APP	BPCDT	-WLSDT44JHB
43	WCPX	CHICAGO IL	228.5	APP	BPCDT	-20080619AIL
43	WTVS	DETROIT MI	157.1	LIC	BLEDT	-20001117ABV
43	WTVS	DETROIT MI	157.1	APP	BPEDT	-20080620AAL
44	WDTI	INDIANAPOLIS IN	324.3	LIC	BMPEDT	-WDTI44APPB
44	WDTI	INDIANAPOLIS IN	323.8	CP MOD	BMPEDT	-20070523ACG
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	APP	BMPCDT	-20080616ABD
44	WWJ-TV	DETROIT MI	157.1	CP	BPCDT	-20080130AOM
44	WTLW	LIMA OH	225.2	CP MOD	BMPCDT	-20080616ABV
45	WDIV-TV	DETROIT MI	153.8	APP	BPCDT	-20080620AFZ
45	WDIV-TV	DETROIT MI	153.8	LIC	BLCDT	-19990429KX
45	WLLA	KALAMAZOO MI	34.6	LIC	BPCDT	-WLLA45APPB
45	WLLA	KALAMAZOO MI	34.6	LIC	BLCDT	-20070529AEA

Total scenarios = 6

Result key: 33
Scenario 1 Affected station 16
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	83883	1298.6
lost to ATV IX only	83883	1298.6
lost to all IX	83883	1298.6

Potential Interferring Stations Included in above Scenario 1

44A MI DETROIT BLCDT 19990720LH LIC
45A MI KALAMAZOO BPCDT WLLA45APPB 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	83915	1302.6
lost to ATV IX only	83915	1302.6
lost to all IX	83915	1302.6

Potential Interferring Stations Included in above Scenario 1

44A MI DETROIT BLCDT 19990720LH LIC
45A MI KALAMAZOO BPCDT WLLA45APPB LIC
44A IL CHICAGO BPCDT WLSDT44JHB APP

Result key: 34
Scenario 2 Affected station 16
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 Interferring Stations Included in above Scenario 2

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	87329	1338.7
lost to ATV IX only	87329	1338.7
lost to all IX	87329	1338.7

Potential Interferring Stations Included in above Scenario 2

44A MI DETROIT	BLCDT	19990720LH	LIC
45A MI KALAMAZOO	BLCDT	20070529AEA	LIC
44A IL CHICAGO	BPCDT	WLSDT44JHB	APP

Result key: 35
 Scenario 3 Affected station 16
 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	93672	1479.0
lost to ATV IX only	93672	1479.0
lost to all IX	93672	1479.0

Potential Interferring Stations Included in above Scenario 3

44A MI DETROIT	BPCDT	20080130AOM	CP
45A MI KALAMAZOO	BPCDT	WLLA45APPB	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	93704	1483.0
lost to ATV IX only	93704	1483.0
lost to all IX	93704	1483.0

Potential Interferring Stations Included in above Scenario 3

44A MI DETROIT	BPCDT	20080130AOM	CP
45A MI KALAMAZOO	BPCDT	WLLA45APPB	LIC
44A IL CHICAGO	BPCDT	WLSDT44JHB	APP

Result key: 36
 Scenario 4 Affected station 16
 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	97086	1515.0
lost to ATV IX only	97086	1515.0
lost to all IX	97086	1515.0

Potential Interferring Stations Included in above Scenario 4

44A MI DETROIT BPCDT 20080130AOM 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	97118	1519.1
lost to ATV IX only	97118	1519.1
lost to all IX	97118	1519.1

Potential Interferring Stations Included in above Scenario 4

44A MI DETROIT BPCDT 20080130AOM CP
 45A MI KALAMAZOO BLCDT 20070529AEA LIC
 44A IL CHICAGO BPCDT WLSDT44JHB APP

Result key: 37
 Scenario 5 Affected station 16
 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	105536	1531.1
lost to ATV IX only	105536	1531.1
lost to all IX	105536	1531.1

Potential Interferring Stations Included in above Scenario 5

44A MI DETROIT BMPCDT 20080616ABD APP
 45A MI KALAMAZOO BPCDT WLLA45APPB 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	105568	1535.1
lost to ATV IX only	105568	1535.1
lost to all IX	105568	1535.1

Potential Interferring Stations Included in above Scenario 5

44A MI DETROIT BMPCDT 20080616ABD APP
 45A MI KALAMAZOO BPCDT WLLA45APPB LIC
 44A IL CHICAGO BPCDT WLSDT44JHB APP

Result key: 38
 Scenario 6 Affected station 16
 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 6

44A MI DETROIT	BMPCDT	20080616ABD	APP
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	108982	1571.2
lost to ATV IX only	108982	1571.2
lost to all IX	108982	1571.2

Potential Interfering Stations Included in above Scenario 6

44A MI DETROIT	BMPCDT	20080616ABD	APP
45A MI KALAMAZOO	BLCDT	20070529AEA	LIC
44A IL CHICAGO	BPCDT	WLSDT44JHB	APP

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Analysis of Interference to Affected Station 17

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
44	WWJ-TV	DETROIT MI	BLCDT	-19990720LH

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
44	WLS-TV	CHICAGO IL	371.6	APP	BPCDT	-WLSDT44JHB
43	WTVS	DETROIT MI	0.0	LIC	BLEDT	-20001117ABV
43	WTVS	DETROIT MI	0.0	APP	BPEDT	-20080620AAL
44	WDTI	INDIANAPOLIS IN	380.9	LIC	BMPEDT	-WDTI44APPB
44	WDTI	INDIANAPOLIS IN	380.6	CP MOD	BMPEDT	-20070523ACG
44	WDTI	INDIANAPOLIS IN	380.6	CP	BPEDT	-20080617AEQ
44	WZPX	BATTLE CREEK MI	157.1	LIC	BLCDT	-20020510AAG
44	WTLW	LIMA OH	205.2	CP MOD	BMPCDT	-20080616ABV
45	WDIV-TV	DETROIT MI	4.7	APP	BPCDT	-20080620AFZ
45	WDIV-TV	DETROIT MI	4.7	LIC	BLCDT	-19990429KX
45	WLLA	KALAMAZOO MI	187.7	LIC	BPCDT	-WLLA45APPB
45	WLLA	KALAMAZOO MI	187.7	LIC	BLCDT	-20070529AEA

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.
44	WWJ-TV	DETROIT MI	BMPCDT	-20080616ABD

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
44	WLS-TV	CHICAGO IL	371.6	APP	BPCDT	-WLSDT44JHB
43	WTVS	DETROIT MI	0.0	LIC	BLEDT	-20001117ABV
43	WTVS	DETROIT MI	0.0	APP	BPEDT	-20080620AAL
44	WDTI	INDIANAPOLIS IN	380.9	LIC	BMPEDT	-WDTI44APPB
44	WDTI	INDIANAPOLIS IN	380.7	CP MOD	BMPEDT	-20070523ACG
44	WDTI	INDIANAPOLIS IN	380.7	CP	BPEDT	-20080617AEQ
44	WZPX	BATTLE CREEK MI	157.1	LIC	BLCDT	-20020510AAG
44	WTLW	LIMA OH	205.2	CP MOD	BMPCDT	-20080616ABV
45	WDIV-TV	DETROIT MI	4.7	APP	BPCDT	-20080620AFZ
45	WDIV-TV	DETROIT MI	4.7	LIC	BLCDT	-19990429KX
45	WLLA	KALAMAZOO MI	187.7	LIC	BPCDT	-WLLA45APPB
45	WLLA	KALAMAZOO MI	187.7	LIC	BLCDT	-20070529AEA

Proposal causes no interference

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Analysis of Interference to Affected Station 19

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
44	WWJ-TV	DETROIT MI	BPCDT	-20080130AOM

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
44	WLS-TV	CHICAGO IL	371.6	APP	BPCDT	-WLSDT44JHB
43	WTVS	DETROIT MI	0.0	LIC	BLEDT	-20001117ABV
43	WTVS	DETROIT MI	0.0	APP	BPEDT	-20080620AAL
44	WDTI	INDIANAPOLIS IN	380.9	LIC	BMPEDT	-WDTI44APPB
44	WDTI	INDIANAPOLIS IN	380.7	CP MOD	BMPEDT	-20070523ACG
44	WDTI	INDIANAPOLIS IN	380.7	CP	BPEDT	-20080617AEQ
44	WZPX	BATTLE CREEK MI	157.1	LIC	BLCDT	-20020510AAG
44	WTLW	LIMA OH	205.2	CP MOD	BMPCDT	-20080616ABV
45	WDIV-TV	DETROIT MI	4.7	APP	BPCDT	-20080620AFZ
45	WDIV-TV	DETROIT MI	4.7	LIC	BLCDT	-19990429KX
45	WLLA	KALAMAZOO MI	187.7	LIC	BPCDT	-WLLA45APPB
45	WLLA	KALAMAZOO MI	187.7	LIC	BLCDT	-20070529AEA

Proposal causes no interference

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Analysis of Interference to Affected Station 20

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
44	WTLW	LIMA OH	BMPCDT	-20080616ABV

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
44	WLS-TV	CHICAGO IL	313.6	APP	BPCDT	-WLSDT44JHB
43	WTVS	DETROIT MI	205.2	LIC	BLEDT	-20001117ABV
43	WTVS	DETROIT MI	205.2	APP	BPEDT	-20080620AAL
44	WDTI	INDIANAPOLIS IN	196.7	LIC	BMPEDT	-WDTI44APPB
44	WDTI	INDIANAPOLIS IN	196.7	CP MOD	BMPEDT	-20070523ACG
44	WDTI	INDIANAPOLIS IN	196.7	CP	BPEDT	-20080617AEQ
44	WTSF	ASHLAND KY	301.8	CP	BPCDT	-20000501AEQ
44	WKON	OWENTON KY	254.5	LIC	BLEDT	-20011121ABI
44	WZPX	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	APP	BMPEDT	-20080616ABD
44	WWJ-TV	DETROIT MI	205.2	CP	BPCDT	-20080130AOM
45	WXIN	INDIANAPOLIS IN	196.7	LIC	BLCDT	-20031003ABM
45	WDIV-TV	DETROIT MI	207.7	APP	BPCDT	-20080620AFZ
45	WDIV-TV	DETROIT MI	207.7	LIC	BLCDT	-19990429KX
45	WLLA	KALAMAZOO MI	226.5	LIC	BPCDT	-WLLA45APPB
45	WLLA	KALAMAZOO MI	226.5	LIC	BLCDT	-20070529AEA

Proposal causes no interference

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Analysis of Interference to Affected Station 21

Analysis of current record

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

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
44	WLS-TV	CHICAGO IL	2.5	APP	BPCDT	-WLSDT44JHB
45	WXIN	INDIANAPOLIS IN	251.9	LIC	BLCDT	-20031003ABM
45	WDIV-TV	DETROIT MI	371.0	APP	BPCDT	-20080620AFZ
45	WDIV-TV	DETROIT MI	371.0	LIC	BLCDT	-19990429KX
45	WLLA	KALAMAZOO MI	194.8	LIC	BPCDT	-WLLA45APPB
45	WLLA	KALAMAZOO MI	194.8	LIC	BLCDT	-20070529AEA
46	WTVP	PEORIA IL	213.1	LIC	BLEDT	-20040105ACV
46	WDJT-TV	MILWAUKEE WI	139.1	CP MOD	BMPEDT	-20000419ABR

Total scenarios = 1

Result key: 39
Scenario 1 Affected station 21
Before Analysis

Results for: 45A IL CHICAGO BLCDT 20010612AIB LIC

	POPULATION	AREA (sq km)
HAAT 472.0 m, ATV ERP 467.0 kW		
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	14635	156.4
lost to ATV IX only	14635	156.4
lost to all IX	14635	156.4

Potential Interfering Stations Included in above Scenario 1

45A IN INDIANAPOLIS	BLCDT	20031003ABM	LIC
46A WI MILWAUKEE	BMPEDT	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	16621	176.5
lost to ATV IX only	16621	176.5
lost to all IX	16621	176.5

Potential Interfering Stations Included in above Scenario 1

45A IN INDIANAPOLIS BLCDT 20031003ABM LIC
 46A WI MILWAUKEE BMPCDT 20000419ABR CP
 44A IL CHICAGO BPCDT WLSDT44JHB APP

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Analysis of Interference to Affected Station 22

Analysis of current record

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

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
44	WLS-TV	CHICAGO IL	2.5	APP	BPCDT	-WLSDT44JHB
45	WXIN	INDIANAPOLIS IN	251.9	LIC	BLCDT	-20031003ABM
45	WDIV-TV	DETROIT MI	371.0	APP	BPCDT	-20080620AFZ
45	WDIV-TV	DETROIT MI	371.0	LIC	BLCDT	-19990429KX
45	WLLA	KALAMAZOO MI	194.8	LIC	BPCDT	-WLLA45APPB
45	WLLA	KALAMAZOO MI	194.8	LIC	BLCDT	-20070529AEA
46	WTVP	PEORIA IL	213.1	LIC	BLEDT	-20040105ACV
46	WDJT-TV	MILWAUKEE WI	139.1	CP MOD	BMPCDT	-20000419ABR

Total scenarios = 2

Result key: 40
 Scenario 1 Affected station 22
 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 20031003ABM LIC
 45A MI KALAMAZOO BPCDT WLLA45APPB 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	21913	212.6
lost to ATV IX only	21913	212.6
lost to all IX	21913	212.6

Potential Interfering Stations Included in above Scenario 1

45A IN INDIANAPOLIS	BLCDT	20031003ABM	LIC
45A MI KALAMAZOO	BPCDT	WLLA45APPB	LIC
46A WI MILWAUKEE	BMPCDT	20000419ABR	CP
44A IL CHICAGO	BPCDT	WLSDT44JHB	APP

Result key: 41
Scenario 2 Affected station 22
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 2

45A IN INDIANAPOLIS	BLCDT	20031003ABM	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	21913	212.6
lost to ATV IX only	21913	212.6
lost to all IX	21913	212.6

Potential Interfering Stations Included in above Scenario 2

45A IN INDIANAPOLIS	BLCDT	20031003ABM	LIC
45A MI KALAMAZOO	BLCDT	20070529AEA	LIC
46A WI MILWAUKEE	BMPCDT	20000419ABR	CP
44A IL CHICAGO	BPCDT	WLSDT44JHB	APP

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Analysis of current record

Channel Call City/State Application Ref. No.
45 WLLA KALAMAZOO MI BPCDT -WLLA45APPB

Stations Potentially Affecting This Station

Table with columns: Chan, Call, City/State, Dist(km), Status, Application Ref. No. listing various stations like WLS-TV, WZPX, WWJ-TV, WTLW, WSNS-TV, WXIN, WDIV-TV, WNEO, WBSF, WUPW, and WDJT-TV.

Proposed station is beyond the site to nearest cell evaluation distance

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Analysis of Interference to Affected Station 24

Analysis of current record

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

Stations Potentially Affecting This Station

Table with columns: Chan, Call, City/State, Dist(km), Status, Application Ref. No. listing various stations like WLS-TV, WZPX, WWJ-TV, WTLW, WSNS-TV, WXIN, WDIV-TV, WNEO, WBSF, WUPW, and WDJT-TV.

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 25

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	Call	City/State	Dist(km)	Status	Application	Ref. No.
44	WLS-TV	CHICAGO IL	44.6	APP	BPCDT	-WLSDT44JHB
41	WIFR	FREEPOR IL	137.8	LIC	BLCDD	-20041012AIQ
45	WSNS-TV	CHICAGO IL	42.2	LIC	BLCDD	-20010612AIB
45	WSNS-TV	CHICAGO IL	42.2	CP	BPCDD	-20080620AMW
47	WTTW	CHICAGO IL	42.2	LIC	BLEDT	-20020408ABK
48	WCIA	CHAMPAIGN IL	166.7	CP MOD	BMPCDD	-20050701ACC
48	WTTV	BLOOMINGTON IN	277.2	APP	BMPCDD	-20080619AKO
48	WTTV	BLOOMINGTON IN	277.2	LIC	BLCDD	-20060630ACD
48	WTTV	BLOOMINGTON IN	277.2	CP	BPCDD	-20060707AFA
48	WHME-TV	SOUTH BEND IN	141.0	LIC	BLCDD	-20060109ABG
48	WHME-TV	SOUTH BEND IN	141.0	APP	BPCDD	-20080619ABC
48	WAQP	SAGINAW MI	363.9	LIC	BLCDD	-20060824ADS
48	WBME-TV	RACINE WI	146.6	LIC	BMLCDD	-20070823AED
48	WBME-TV	RACINE WI	175.2	CP MOD	BMPCDD	-20080617AAA
48	WBME-TV	RACINE WI	175.2	APP	BMPCDD	-20080620ACE
50	WXFT-TV	AURORA IL	42.2	APP	BMPCDD	-20080616ACK
50	WXFT-TV	AURORA IL	42.2	CP	BPCDD	-20080425ABK
51	WPWR-TV	GARY IN	42.2	LIC	BLCDD	-20050425ACE

Proposal causes no interference

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Analysis of Interference to Affected Station 26

Analysis of current record

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

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
44	WLS-TV	CHICAGO IL	2.5	APP	BPCDD	-WLSDT44JHB
40	WPXE	KENOSHA WI	137.0	LIC	BLCDD	-20040206AAT
41	WIFR	FREEPOR IL	134.8	LIC	BLCDD	-20041012AIQ
45	WSNS-TV	CHICAGO IL	0.0	LIC	BLCDD	-20010612AIB
45	WSNS-TV	CHICAGO IL	0.0	CP	BPCDD	-20080620AMW
46	WDJT-TV	MILWAUKEE WI	139.1	CP MOD	BMPCDD	-20000419ABR
47	WTTW	CHICAGO IL	0.0	LIC	BLEDT	-20020408ABK
48	WCIA	CHAMPAIGN IL	208.6	CP MOD	BMPCDD	-20050701ACC
48	WTTV	BLOOMINGTON IN	302.0	APP	BMPCDD	-20080619AKO
48	WTTV	BLOOMINGTON IN	302.0	LIC	BLCDD	-20060630ACD
48	WTTV	BLOOMINGTON IN	302.0	CP	BPCDD	-20060707AFA
48	WHME-TV	SOUTH BEND IN	126.4	LIC	BLCDD	-20060109ABG
48	WHME-TV	SOUTH BEND IN	126.4	APP	BPCDD	-20080619ABC
48	WAQP	SAGINAW MI	329.1	LIC	BLCDD	-20060824ADS

48	WBME-TV	RACINE WI	109.8	LIC	BMLCDT	-20070823AED
48	WBME-TV	RACINE WI	139.1	CP MOD	BMPCDT	-20080617AAA
48	WBME-TV	RACINE WI	139.1	APP	BMPCDT	-20080620ACE
50	WXFT-TV	AURORA IL	0.0	APP	BMPCDT	-20080616ACK
50	WXFT-TV	AURORA IL	0.0	CP	BPCDT	-20080425ABK
51	WPWR-TV	GARY IN	0.0	LIC	BLCDT	-20050425ACE

Proposal causes no interference

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Analysis of Interference to Affected Station 27

Analysis of current record

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

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
44	WLS-TV	CHICAGO IL	2.5	APP	BPCDT	-WLSDT44JHB
40	WPXE	KENOSHA WI	137.0	LIC	BLCDT	-20040206AAT
41	WIFR	FREEPOR IL	134.8	LIC	BLCDT	-20041012AIQ
45	WSNS-TV	CHICAGO IL	0.0	LIC	BLCDT	-20010612AIB
45	WSNS-TV	CHICAGO IL	0.0	CP	BPCDT	-20080620AMW
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	BLOOMINGTON IN	302.0	APP	BMPCDT	-20080619AKO
48	WTTV	BLOOMINGTON IN	302.0	LIC	BLCDT	-20060630ACD
48	WTTV	BLOOMINGTON IN	302.0	CP	BPCDT	-20060707AFA
48	WHME-TV	SOUTH BEND IN	126.4	LIC	BLCDT	-20060109ABG
48	WHME-TV	SOUTH BEND IN	126.4	APP	BPCDT	-20080619ABC
48	WAQP	SAGINAW MI	329.1	LIC	BLCDT	-20060824ADS
48	WBME-TV	RACINE WI	109.8	LIC	BMLCDT	-20070823AED
48	WBME-TV	RACINE WI	139.1	CP MOD	BMPCDT	-20080617AAA
48	WBME-TV	RACINE WI	139.1	APP	BMPCDT	-20080620ACE
50	WXFT-TV	AURORA IL	0.0	APP	BMPCDT	-20080616ACK
50	WXFT-TV	AURORA IL	0.0	CP	BPCDT	-20080425ABK
51	WPWR-TV	GARY IN	0.0	LIC	BLCDT	-20050425ACE

Proposal causes no interference

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Analysis of Interference to Affected Station 28

Analysis of current record

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

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
44	WLS-TV	CHICAGO IL	2.5	APP	BPCDT	-WLSDT44JHB
40	WPXE	KENOSHA WI	137.0	LIC	BLCDT	-20040206AAT
41	WIFR	FREEPOR IL	134.8	LIC	BLCDT	-20041012AIQ
45	WSNS-TV	CHICAGO IL	0.0	LIC	BLCDT	-20010612AIB
45	WSNS-TV	CHICAGO IL	0.0	CP	BPCDT	-20080620AMW
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	BLOOMINGTON IN	302.0	APP	BMPCDT	-20080619AKO
48	WTTV	BLOOMINGTON IN	302.0	LIC	BLCDDT	-20060630ACD
48	WTTV	BLOOMINGTON IN	302.0	CP	BPCDDT	-20060707AFA
48	WHME-TV	SOUTH BEND IN	126.4	LIC	BLCDDT	-20060109ABG
48	WHME-TV	SOUTH BEND IN	126.4	APP	BPCDDT	-20080619ABC
48	WAQP	SAGINAW MI	329.1	LIC	BLCDDT	-20060824ADS
48	WBME-TV	RACINE WI	109.8	LIC	BMLCDDT	-20070823AED
48	WBME-TV	RACINE WI	139.1	CP MOD	BMPCDDT	-20080617AAA
48	WBME-TV	RACINE WI	139.1	APP	BMPCDDT	-20080620ACE
50	WXFT-TV	AURORA IL	0.0	APP	BMPCDDT	-20080616ACK
50	WXFT-TV	AURORA IL	0.0	CP	BPCDDT	-20080425ABK
51	WPWR-TV	GARY IN	0.0	LIC	BLCDDT	-20050425ACE

Total scenarios = 3

Result key: 42
Scenario 1 Affected station 28
Before Analysis

Results for: 48N IL CHICAGO	BSTA	20041103AKF	STA
	POPULATION	AREA (sq km)	
within Noise Limited Contour	5936330	4172.6	
not affected by terrain losses	5936330	4172.6	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	365721	345.0	
lost to all IX	365721	345.0	

Potential Interfering Stations Included in above Scenario 1

47A IL CHICAGO	BLEDT	20020408ABK	LIC
48A WI RACINE	BMLCDDT	20070823AED	LIC

After Analysis

Results for: 48N IL CHICAGO	BSTA	20041103AKF	STA
	POPULATION	AREA (sq km)	
within Noise Limited Contour	5936330	4172.6	
not affected by terrain losses	5936330	4172.6	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	366353	349.1	
lost to all IX	366353	349.1	

Potential Interfering Stations Included in above Scenario 1

47A IL CHICAGO	BLEDT	20020408ABK	LIC
48A WI RACINE	BMLCDDT	20070823AED	LIC
44A IL CHICAGO	BPCDDT	WLSDDT44JHB	APP

Result key: 43
Scenario 2 Affected station 28
Before Analysis

Results for: 48N IL CHICAGO	BSTA	20041103AKF	STA
	POPULATION	AREA (sq km)	
within Noise Limited Contour	5936330	4172.6	
not affected by terrain losses	5936330	4172.6	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	416538	782.4	
lost to all IX	416538	782.4	

Potential Interfering Stations Included in above Scenario 2

47A IL CHICAGO	BLEDT	20020408ABK	LIC
48A IN SOUTH BEND	BPCDT	20080619ABC	APP
48A WI RACINE	BMLCDT	20070823AED	LIC

After Analysis

Results for: 48N IL CHICAGO	BSTA	20041103AKF	STA
	POPULATION	AREA (sq km)	
within Noise Limited Contour	5936330	4172.6	
not affected by terrain losses	5936330	4172.6	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	417170	786.4	
lost to all IX	417170	786.4	

Potential Interfering Stations Included in above Scenario 2

47A IL CHICAGO	BLEDT	20020408ABK	LIC
48A IN SOUTH BEND	BPCDT	20080619ABC	APP
48A WI RACINE	BMLCDT	20070823AED	LIC
44A IL CHICAGO	BPCDT	WLSDT44JHB	APP

Result key: 44
Scenario 3 Affected station 28
Before Analysis

Results for: 48N IL CHICAGO	BSTA	20041103AKF	STA
	POPULATION	AREA (sq km)	
within Noise Limited Contour	5936330	4172.6	
not affected by terrain losses	5936330	4172.6	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	466066	902.7	
lost to all IX	466066	902.7	

Potential Interfering Stations Included in above Scenario 3

47A IL CHICAGO	BLEDT	20020408ABK	LIC
48A IN SOUTH BEND	BPCDT	20080619ABC	APP
48A WI RACINE	BMPCDT	20080620ACE	APP

After Analysis

Results for: 48N IL CHICAGO	BSTA	20041103AKF	STA
	POPULATION	AREA (sq km)	
within Noise Limited Contour	5936330	4172.6	
not affected by terrain losses	5936330	4172.6	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	466698	906.7	
lost to all IX	466698	906.7	

Potential Interfering Stations Included in above Scenario 3

47A IL CHICAGO	BLEDT	20020408ABK	LIC
48A IN SOUTH BEND	BPCDT	20080619ABC	APP
48A WI RACINE	BMPCDT	20080620ACE	APP
44A IL CHICAGO	BPCDT	WLSDT44JHB	APP

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Analysis of current record

Channel	Call	City/State	Application	Ref. No.
51	WCFC-CA	ROCKFORD IL	BLTTA	-20020620AAI

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
44	WLS-TV	CHICAGO IL	123.8	APP	BPCDT	-WLSDT44JHB
43	KFXB	DUBUQUE IA	133.8	APP	BMPCDT	-20080619ALC
43	KFXB	DUBUQUE IA	133.8	CP	BPCDT	-19991028ACY
43	KFXB	DUBUQUE IA	133.8	APP	BDSTA	-20080229AAC
43	WCPX	CHICAGO IL	123.0	APP	BPCDT	-20080619AIL
43	WCPX	CHICAGO IL	123.7	LIC	BLCDT	-20010226ABH
43	WWRS-TV	MAYVILLE WI	130.0	APP	BPCDT	-20080618ATT
43	WWRS-TV	MAYVILLE WI	130.0	LIC	BLCDT	-20050825AEW
47	WTTW	CHICAGO IL	123.7	LIC	BLEDT	-20020408ABK
48	WBME-TV	RACINE WI	112.3	LIC	BMLCDT	-20070823AED
48	WBME-TV	RACINE WI	124.5	CP MOD	BMPCDT	-20080617AAA
48	WBME-TV	RACINE WI	124.5	APP	BMPCDT	-20080620ACE
50	WXFT-TV	AURORA IL	123.7	APP	BMPCDT	-20080616ACK
50	WXFT-TV	AURORA IL	123.7	CP	BPCDT	-20080425ABK
50	WISC-TV	MADISON WI	92.1	APP	BLCDT	-20050701ABU
50	WISC-TV	MADISON WI	92.1	CP	BPCDT	-19991027ABG
51	KGAN	CEDAR RAPIDS IA	234.0	CP MOD	BMPCDT	-20020911AAM
51	WPWR-TV	GARY IN	123.7	LIC	BLCDT	-20050425ACE
51	WLAJ	LANSING MI	368.6	LIC	BLCDT	-20040422ABI
51	WLUK-TV	GREEN BAY WI	238.6	LIC	BLCDT	-20050527APR

Proposed station is beyond the site to nearest cell evaluation distance

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Analysis of Interference to Affected Station 30

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
44	WLS-TV	CHICAGO IL	BPCDT	-WLSDT44JHB

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
44	WRSP-TV	SPRINGFIELD IL	279.2	CP	BPCDT	-20080620AGF
43	WCPX	CHICAGO IL	1.1	APP	BPCDT	-20080619AIL
43	WCPX	CHICAGO IL	2.5	LIC	BLCDT	-20010226ABH
43	WWRS-TV	MAYVILLE WI	186.1	APP	BPCDT	-20080618ATT
43	WWRS-TV	MAYVILLE WI	186.1	LIC	BLCDT	-20050825AEW
44	WRSP-TV	SPRINGFIELD IL	279.2	LIC	BDSTA	-WRSP44APPB
44	WRSP-TV	SPRINGFIELD IL	279.2	LIC	BLCDT	-20050317ADQ
44	WDTI	INDIANAPOLIS IN	253.3	LIC	BMPEDT	-WDTI44APPB
44	WDTI	INDIANAPOLIS IN	252.6	CP MOD	BMPEDT	-20070523ACG
44	WDTI	INDIANAPOLIS IN	252.6	CP	BPEDT	-20080617AEQ
44	WZPX	BATTLE CREEK MI	227.4	LIC	BLCDT	-20020510AAG
44	WWJ-TV	DETROIT MI	371.6	LIC	BLCDT	-19990720LH
44	WWJ-TV	DETROIT MI	371.6	APP	BMPCDT	-20080616ABD
44	WWJ-TV	DETROIT MI	371.6	CP	BPCDT	-20080130AOM
44	WTLW	LIMA OH	313.6	CP MOD	BMPCDT	-20080616ABV
45	WSNS-TV	CHICAGO IL	2.5	LIC	BLCDT	-20010612AIB
45	WSNS-TV	CHICAGO IL	2.5	CP	BPCDT	-20080620AMW
45	WLLA	KALAMAZOO MI	192.9	LIC	BPCDT	-WLLA45APPB
45	WLLA	KALAMAZOO MI	192.9	LIC	BLCDT	-20070529AEA

Total scenarios = 4

Result key: 45
Scenario 1 Affected station 30
Before Analysis

Results for: 44A IL CHICAGO BPCDT WLSDT44JHB APP
HAAT 437.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	9528788	32035.9
not affected by terrain losses	9524875	31983.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	16499	104.3
lost to ATV IX only	16499	104.3
lost to all IX	16499	104.3

Potential Interfering Stations Included in above Scenario 1

44A IL SPRINGFIELD	BPCDT	20080620AGF	CP
43A IL CHICAGO	BLCDT	20010226ABH	LIC
44A IN INDIANAPOLIS	BMPEDT	WDTI44APPB	LIC
44A MI BATTLE CREEK	BLCDT	20020510AAG	LIC
45A IL CHICAGO	BLCDT	20010612AIB	LIC

Result key: 46
Scenario 2 Affected station 30
Before Analysis

Results for: 44A IL CHICAGO BPCDT WLSDT44JHB APP
HAAT 437.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	9528788	32035.9
not affected by terrain losses	9524875	31983.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	16901	112.4
lost to ATV IX only	16901	112.4
lost to all IX	16901	112.4

Potential Interfering Stations Included in above Scenario 2

44A IL SPRINGFIELD	BPCDT	20080620AGF	CP
43A IL CHICAGO	BLCDT	20010226ABH	LIC
44A IN INDIANAPOLIS	BMPEDT	WDTI44APPB	LIC
44A MI BATTLE CREEK	BLCDT	20020510AAG	LIC
45A IL CHICAGO	BPCDT	20080620AMW	CP

Result key: 47
Scenario 3 Affected station 30
Before Analysis

Results for: 44A IL CHICAGO BPCDT WLSDT44JHB APP
HAAT 437.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	9528788	32035.9
not affected by terrain losses	9524875	31983.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	18511	349.1
lost to ATV IX only	18511	349.1
lost to all IX	18511	349.1

Potential Interfering Stations Included in above Scenario 3

44A IL SPRINGFIELD	BPCDT	20080620AGF	CP
43A IL CHICAGO	BLCDT	20010226ABH	LIC
44A IN INDIANAPOLIS	BPEDT	20080617AEQ	CP
44A MI BATTLE CREEK	BLCDT	20020510AAG	LIC
45A IL CHICAGO	BLCDT	20010612AIB	LIC

Result key: 48
Scenario 4 Affected station 30
Before Analysis

Results for: 44A IL CHICAGO BPCDT WLSDT44JHB APP
HAAT 437.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	9528788	32035.9
not affected by terrain losses	9524875	31983.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	18913	357.2
lost to ATV IX only	18913	357.2
lost to all IX	18913	357.2

Potential Interfering Stations Included in above Scenario 4

44A IL SPRINGFIELD	BPCDT	20080620AGF	CP
43A IL CHICAGO	BLCDT	20010226ABH	LIC
44A IN INDIANAPOLIS	BPEDT	20080617AEQ	CP
44A MI BATTLE CREEK	BLCDT	20020510AAG	LIC
45A IL CHICAGO	BPCDT	20080620AMW	CP

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