



**STATEMENT OF JOHN E. HIDLE, P.E.
IN SUPPORT OF AN APPLICATION FOR
POST REPACK CONSTRUCTION PERMIT
WICS - SPRINGFIELD, ILLINOIS
DTV - CH. 15 - 429 kW - 436 m HAAT**

Prepared for: WICS LICENSEE, LLC

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

GENERAL

This office has been authorized by WICS LICENSEE, LLC, licensee of WICS, channel 42, facility ID number 25686, licensed to Springfield, Illinois, to prepare this statement, FCC Form 2100, Schedule A, its technical sections, and the associated exhibits in support of an application for construction permit, in accordance with the Incentive Auction Closing and Channel Reassignment Public Notice, DA 17-314, and the technical information provided in the confidential reassignment letter from the FCC announcing the substitution for DTV channel 42 with new DTV channel 15 to be used by WICS for its post-reassignment broadcasting.

**STATEMENT OF JOHN E. HIDLE, P.E.
WICS - Springfield, Illinois
PAGE 2**

DIRECTIONAL ANTENNA

The applicant proposes to install a new Dielectric model TFU-24DSC/VP-R I elliptically polarized directional transmitting antenna with its center of radiation located at a height above ground of 432.2 meters, and a height above average terrain of 436 meters.

The antenna manufacturer's horizontal plane azimuth radiation pattern for the horizontally polarized component is shown and tabulated in exhibit 2. The manufacturer's horizontal plane azimuth pattern for the vertically polarized component is shown and tabulated in exhibit 3. The manufacturer's vertical plane elevation radiation pattern, illustrating the antenna's radiation characteristics above and below the horizontal plane is shown and tabulated in Exhibit 4.

The former channel 20 analog antenna will be removed from the tower structure and the new channel 15 antenna will be installed in its place, while maintaining the overall structure height of 624.4 meters Above Mean Sea Level (AMSL). (See ASR #1008823) Since the Height Above Average Terrain (HAAT) is to increase from 402.2 meters to 436 meters the applicant proposes a corresponding reduction in WICS's Effective Radiated Power (ERP) from 530 kW to 429 kW to maintain its coverage contour within the 1% expansion allowed.

PREDICTED COVERAGE CONTOURS

The predicted coverage contours were calculated in accordance with the method described in Section 73.625(b) of the Rules, utilizing the appropriate F(50,90) propagation curves (47 CFR Section 73.699, Figure 9), proposed Effective Radiated Power, and

**STATEMENT OF JOHN E. HIDLE, P.E.
WICS - Springfield, Illinois
PAGE 3**

antenna height above average terrain as determined for each profile radial. The average terrain on the eight cardinal radials from 3 kilometers to 16 kilometers from the site, was determined using the NED Three Second US Terrain Database as permitted in the FCC Rules. The antenna site elevation and coordinates were determined from FCC antenna registration data. Exhibit 1 shows the predicted Noise Limited (38.83 dBu) contour, and the principal community (48 dBu) contour. The 48 dBu contour completely encompasses the principal community of license, Springfield, Illinois.

ALLOCATION CONSIDERATIONS

Post-Transition DTV Considerations

A study was performed, using the FCC's software, tv_study, v. 2.2.2, to determine if the instant application for construction permit is predicted to cause new prohibited interference to post reassignment DTV stations, construction permits, DTV allotments or Class A DTV stations. The study results, shown in Appendix B, indicate that the instant application for construction permit is predicted to cause no new interference exceeding 0.5% to the populations served by any post reassignment DTV station, construction permit, allotment or Class A DTV stations. The study also shows that WICS's proposed service area is within the baseline plus 1%. (See Appendix B)

International DTV Considerations

The WICS site is located neither within the Canadian nor the Mexican coordination zone, Therefore no international considerations are necessary.

**STATEMENT OF JOHN E. HIDLE, P.E.
WICS - Springfield, Illinois
PAGE 4**

BLANKETING AND INTERMODULATION INTERFERENCE

Other broadcast and non-broadcast facilities are either co-located with, or located within 10 km of the proposed WICS site. The applicant does recognize its responsibility to remedy complaints of interference that might result from this proposal in accordance with applicable Rules.

RADIO FREQUENCY IMPACT

The FCC's guidelines and procedures for evaluating environmental effects of radio frequency (RF) emissions are generally based on recommendations by the National Council on Radiation Protection and Measurements (NCRP) in NCRP Report No. 86 (1986) and by the American National Standards Institute and the Institute of Electrical and Electronic Engineers, LLC (IEEE) in ANSI/IEEE C95.1-1992 (IEEE C95.1-1991). The guidelines define a maximum permissible exposure (MPE) level for occupational or "controlled" situations, and for "uncontrolled" environments that apply in all other cases that might affect the general public. The FCC Office of Engineering and Technology's technical bulletin No. 65 entitled, "Evaluating Compliance with FCC Guidelines for Human Exposure to Radio Frequency Electromagnetic Fields" (Edition 97-01, August 1997), provides assistance to determine whether FCC-regulated transmitting facilities, operations or devices comply with guidelines for human exposure to radio frequency electromagnetic fields as adopted by the Commission in 1996. OET Bulletin No. 65 contains the technical information necessary to evaluate compliance with the FCC's policies and guidelines.

The Maximum Permitted Exposure (MPE) level for broadcast facilities that operate

**STATEMENT OF JOHN E. HIDLE, P.E.
WICS - Springfield, Illinois
PAGE 5**

on a frequency between 30 MHZ and 300 MHZ is 200 microwatts per centimeter squared ($\mu\text{W}/\text{cm}^2$) for an "uncontrolled" environment, and is 1000 microwatts per centimeter squared ($\mu\text{W}/\text{cm}^2$) for a "controlled" environment. The MPE level for broadcast facilities that operate on a frequency between 300 MHZ and 1500 MHZ, primarily UHF TV stations, is determined, in $\mu\text{W}/\text{cm}^2$, for an "uncontrolled" environment by dividing the operating frequency in MHz by 1.500, and is similarly determined for a "controlled" environment by dividing the operating frequency in MHz by 0.300.

The predicted emissions of WICS must be considered, in addition to predicted emissions from any other proposed or existing stations at the site. For WICS, which will operate on television Channel 15 (476-482 MHZ), the MPE is 319.33 microwatts per centimeter squared ($\mu\text{W}/\text{cm}^2$) in an "uncontrolled" environment and 1,596.7 $\mu\text{W}/\text{cm}^2$ in a "controlled" environment. The proposed WICS facility will operate with a maximum ERP of 429 kW from an elliptically polarized directional transmitting antenna with a centerline height of 432.2 meters above ground level (AGL). Considering a predicted vertical plane relative field factor of 0.300 the WICS facility is predicted to produce a power density at two meters above ground level of 13.593 $\mu\text{W}/\text{cm}^2$, which is 4.37% of the FCC guideline value for an "uncontrolled" environment, and 0.874% of the FCC's guideline value for "controlled" environments. There are no other DTV, LPTV or FM broadcast facilities that are located at the WICS site. Therefore, the total estimated percentage of the ANSI value at the proposed site, including the cumulative radiation from all authorizations within the relevant proximity, is 4.37% of the limit applicable to "uncontrolled" environments, and 0.874% of the limit for "controlled" environments. (See Appendix A)

**STATEMENT OF JOHN E. HIDLE, P.E.
WICS - Springfield, Illinois
PAGE 6**

OCCUPATIONAL SAFETY

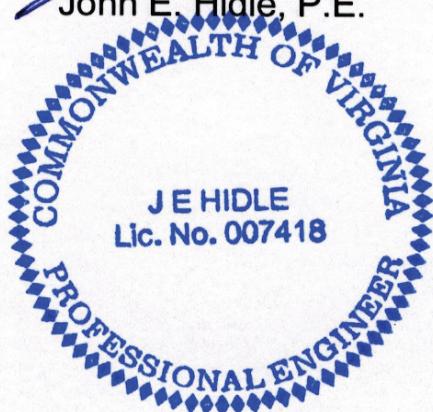
The licensee of WICS is committed to the protection of station personnel and/or tower contractors working in the vicinity of the WICS antenna, and is committed to reducing power or ceasing operation during times of maintenance of the transmission systems, when necessary, to ensure protection to personnel.

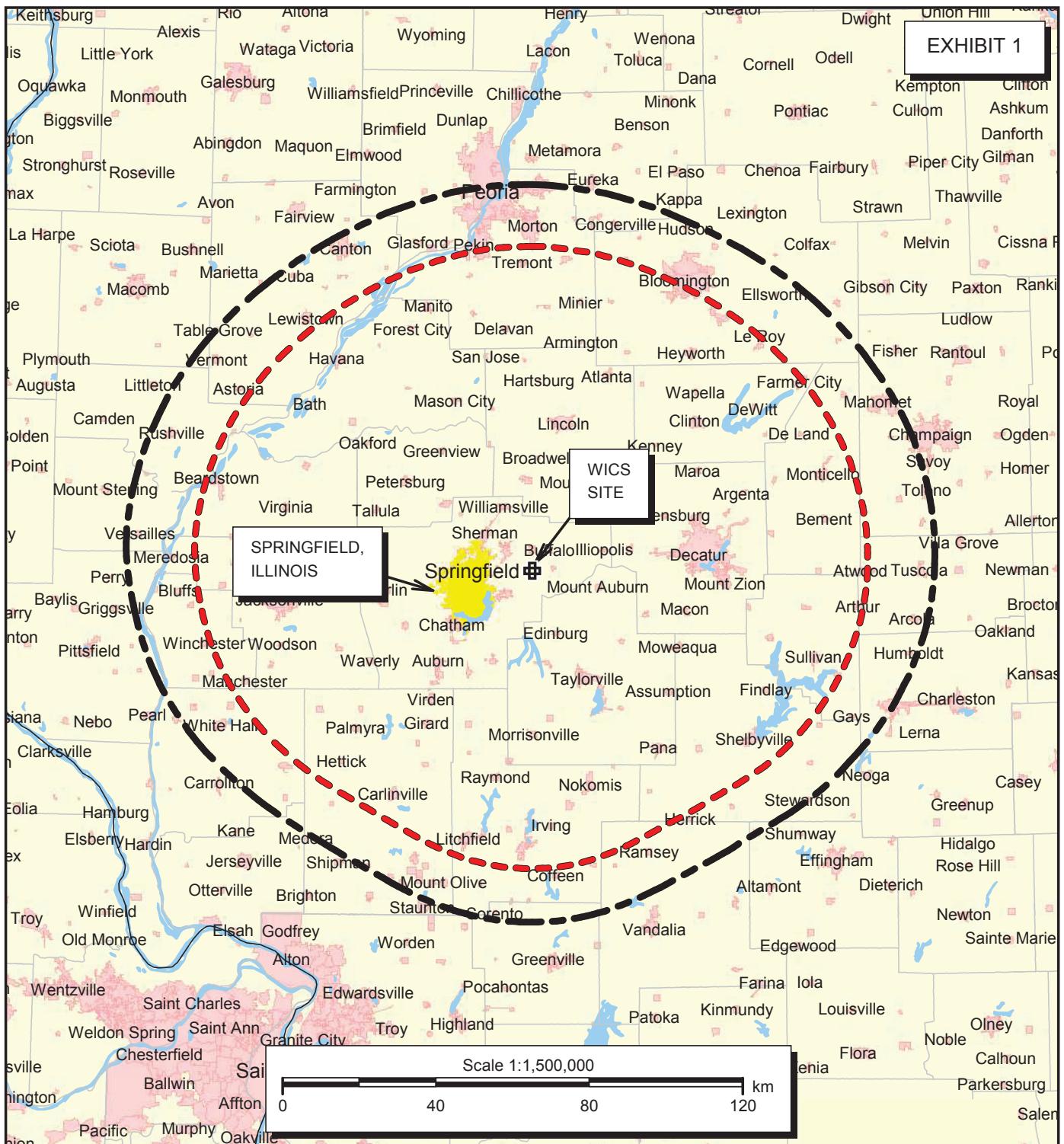
SUMMARY

It is submitted that the instant application for construction permit to change WICS from channel 42 to channel 15, as described herein, complies with the Rules, Regulations and relevant Policies of the Federal Communications Commission. This statement, FCC Form 2100, its technical sections, and the attached exhibits were prepared by me or under my direct supervision and are believed to be true and correct to the best of my knowledge and belief.

DATED: June 23, 2017


John E. Hidle, P.E.





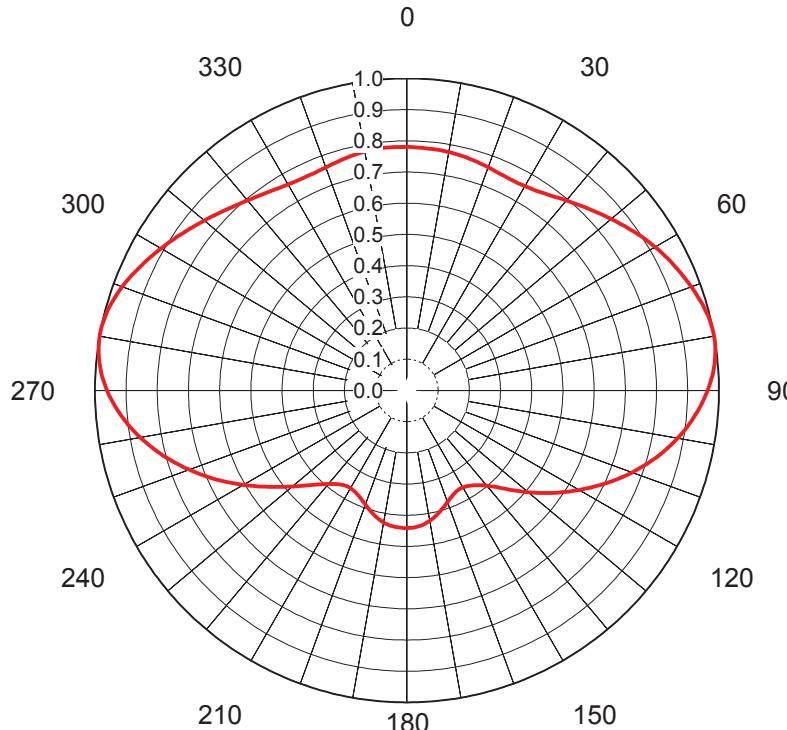
PREDICTED COVERAGE CONTOURS

WICS - SPRINGFIELD, ILLINOIS
 DTV Channel 15 - 429 kW ERP - 436 M HAAT
 JUNE, 2017

Predicted Noise Limited 38.83 dBu
 F(50,90) Coverage Contour



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

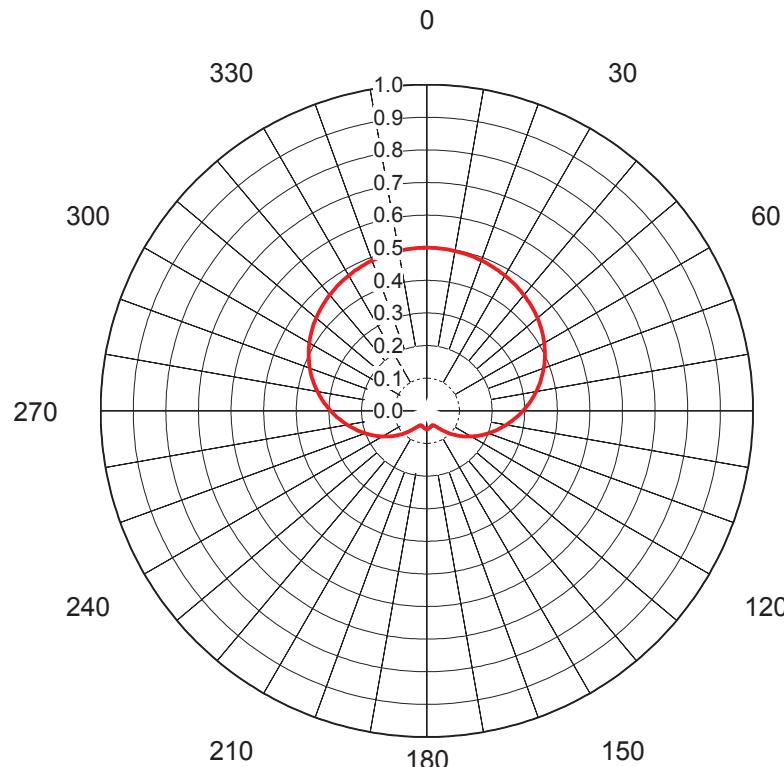


AZIMUTH PATTERN Horizontal Polarization

Proposal No. C-70034-1
 Date 8-Mar-17
 Call Letters WICS
 Channel 15
 Frequency 479 MHz
 Antenna Type TFU-24DSC/VP-R I
 Gain 1.84 (2.64dB)
 Calculated

Deg	Value																						
0	0.781	36	0.775	72	0.979	108	0.793	144	0.376	180	0.441	216	0.372	252	0.770	288	0.981	324	0.779				
1	0.780	37	0.779	73	0.984	109	0.781	145	0.372	181	0.441	217	0.376	253	0.783	289	0.976	325	0.776				
2	0.780	38	0.784	74	0.988	110	0.768	146	0.368	182	0.441	218	0.380	254	0.795	290	0.971	326	0.772				
3	0.779	39	0.789	75	0.991	111	0.755	147	0.365	183	0.440	219	0.386	255	0.808	291	0.966	327	0.770				
4	0.779	40	0.795	76	0.994	112	0.743	148	0.362	184	0.440	220	0.391	256	0.821	292	0.960	328	0.767				
5	0.779	41	0.800	77	0.997	113	0.730	149	0.360	185	0.439	221	0.398	257	0.833	293	0.954	329	0.765				
6	0.778	42	0.806	78	0.998	114	0.717	150	0.359	186	0.438	222	0.405	258	0.845	294	0.948	330	0.763				
7	0.778	43	0.812	79	1.000	115	0.704	151	0.358	187	0.436	223	0.412	259	0.856	295	0.942	331	0.761				
8	0.777	44	0.817	80	1.000	116	0.691	152	0.358	188	0.434	224	0.420	260	0.868	296	0.936	332	0.759				
9	0.777	45	0.823	81	1.000	117	0.677	153	0.359	189	0.432	225	0.429	261	0.879	297	0.929	333	0.758				
10	0.776	46	0.830	82	0.998	118	0.664	154	0.361	190	0.429	226	0.438	262	0.890	298	0.923	334	0.758				
11	0.775	47	0.836	83	0.996	119	0.651	155	0.363	191	0.426	227	0.447	263	0.900	299	0.917	335	0.757				
12	0.774	48	0.842	84	0.993	120	0.638	156	0.366	192	0.423	228	0.457	264	0.910	300	0.910	336	0.757				
13	0.773	49	0.848	85	0.990	121	0.625	157	0.369	193	0.420	229	0.468	265	0.920	301	0.904	337	0.758				
14	0.771	50	0.855	86	0.986	122	0.612	158	0.373	194	0.416	230	0.479	266	0.929	302	0.897	338	0.758				
15	0.770	51	0.862	87	0.981	123	0.599	159	0.376	195	0.411	231	0.490	267	0.938	303	0.891	339	0.760				
16	0.768	52	0.868	88	0.976	124	0.585	160	0.381	196	0.407	232	0.502	268	0.946	304	0.885	340	0.761				
17	0.766	53	0.875	89	0.970	125	0.572	161	0.385	197	0.403	233	0.514	269	0.954	305	0.878	341	0.762				
18	0.765	54	0.881	90	0.964	126	0.559	162	0.390	198	0.398	234	0.526	270	0.961	306	0.872	342	0.764				
19	0.763	55	0.888	91	0.957	127	0.546	163	0.394	199	0.394	235	0.539	271	0.968	307	0.866	343	0.766				
20	0.761	56	0.894	92	0.950	128	0.533	164	0.399	200	0.389	236	0.552	272	0.974	308	0.859	344	0.767				
21	0.759	57	0.901	93	0.943	129	0.521	165	0.403	201	0.385	237	0.565	273	0.980	309	0.853	345	0.769				
22	0.758	58	0.907	94	0.935	130	0.508	166	0.408	202	0.381	238	0.578	274	0.985	310	0.847	346	0.771				
23	0.756	59	0.913	95	0.927	131	0.495	167	0.412	203	0.377	239	0.592	275	0.989	311	0.841	347	0.773				
24	0.755	60	0.919	96	0.918	132	0.482	168	0.417	204	0.373	240	0.605	276	0.993	312	0.836	348	0.775				
25	0.754	61	0.925	97	0.910	133	0.470	169	0.420	205	0.370	241	0.619	277	0.995	313	0.830	349	0.776				
26	0.754	62	0.930	98	0.901	134	0.458	170	0.424	206	0.367	242	0.633	278	0.998	314	0.825	350	0.778				
27	0.754	63	0.936	99	0.891	135	0.446	171	0.428	207	0.365	243	0.647	279	0.999	315	0.819	351	0.779				
28	0.754	64	0.941	100	0.881	136	0.435	172	0.431	208	0.363	244	0.661	280	1.000	316	0.814	352	0.780				
29	0.755	65	0.946	101	0.871	137	0.425	173	0.433	209	0.362	245	0.675	281	1.000	317	0.809	353	0.781				
30	0.756	66	0.951	102	0.861	138	0.415	174	0.436	210	0.362	246	0.688	282	0.999	318	0.804	354	0.781				
31	0.758	67	0.956	103	0.850	139	0.406	175	0.437	211	0.362	247	0.702	283	0.998	319	0.799	355	0.781				
32	0.760	68	0.961	104	0.839	140	0.399	176	0.439	212	0.362	248	0.716	284	0.995	320	0.795	356	0.781				
33	0.763	69	0.966	105	0.828	141	0.392	177	0.440	213	0.364	249	0.729	285	0.993	321	0.791	357	0.781				
34	0.766	70	0.970	106	0.817	142	0.386	178	0.440	214	0.366	250	0.743	286	0.989	322	0.786	358	0.781				
35	0.770	71	0.975	107	0.805	143	0.380	179	0.441	215	0.368	251	0.756	287	0.985	323	0.783	359	0.781				

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AZIMUTH PATTERN Vertical Polarization

Proposal No.	C-70034-1
Date	8-Mar-17
Call Letters	WICS
Channel	15
Frequency	479 MHz
Antenna Type	TFU-24DSC/VP-R I
Gain	2.33 (3.68dB)
Calculated	

Deg	Value																
0	0.500	36	0.470	72	0.374	108	0.210	144	0.069	180	0.056	216	0.069	252	0.210	288	0.374
1	0.500	37	0.468	73	0.370	109	0.206	145	0.066	181	0.056	217	0.071	253	0.215	289	0.378
2	0.500	38	0.467	74	0.366	110	0.201	146	0.063	182	0.056	218	0.074	254	0.220	290	0.382
3	0.500	39	0.465	75	0.362	111	0.197	147	0.061	183	0.056	219	0.077	255	0.224	291	0.385
4	0.500	40	0.463	76	0.358	112	0.192	148	0.059	184	0.055	220	0.080	256	0.229	292	0.389
5	0.499	41	0.462	77	0.353	113	0.188	149	0.057	185	0.055	221	0.084	257	0.233	293	0.393
6	0.499	42	0.460	78	0.349	114	0.183	150	0.055	186	0.055	222	0.087	258	0.238	294	0.396
7	0.499	43	0.458	79	0.345	115	0.179	151	0.054	187	0.054	223	0.090	259	0.243	295	0.400
8	0.498	44	0.456	80	0.341	116	0.175	152	0.052	188	0.054	224	0.094	260	0.248	296	0.403
9	0.498	45	0.454	81	0.336	117	0.170	153	0.051	189	0.053	225	0.097	261	0.252	297	0.406
10	0.498	46	0.452	82	0.332	118	0.166	154	0.050	190	0.053	226	0.101	262	0.257	298	0.410
11	0.497	47	0.450	83	0.327	119	0.162	155	0.049	191	0.052	227	0.105	263	0.262	299	0.413
12	0.496	48	0.447	84	0.323	120	0.157	156	0.049	192	0.052	228	0.109	264	0.266	300	0.416
13	0.496	49	0.445	85	0.318	121	0.153	157	0.048	193	0.051	229	0.112	265	0.271	301	0.419
14	0.495	50	0.443	86	0.313	122	0.149	158	0.048	194	0.050	230	0.116	266	0.276	302	0.422
15	0.495	51	0.440	87	0.309	123	0.145	159	0.048	195	0.050	231	0.120	267	0.281	303	0.425
16	0.494	52	0.438	88	0.304	124	0.140	160	0.048	196	0.049	232	0.124	268	0.285	304	0.427
17	0.493	53	0.435	89	0.300	125	0.136	161	0.048	197	0.049	233	0.128	269	0.290	305	0.430
18	0.492	54	0.433	90	0.295	126	0.132	162	0.048	198	0.048	234	0.132	270	0.295	306	0.433
19	0.491	55	0.430	91	0.290	127	0.128	163	0.049	199	0.048	235	0.136	271	0.300	307	0.435
20	0.490	56	0.427	92	0.285	128	0.124	164	0.049	200	0.048	236	0.140	272	0.304	308	0.438
21	0.489	57	0.425	93	0.281	129	0.120	165	0.050	201	0.048	237	0.145	273	0.309	309	0.440
22	0.488	58	0.422	94	0.276	130	0.116	166	0.050	202	0.048	238	0.149	274	0.313	310	0.443
23	0.487	59	0.419	95	0.271	131	0.112	167	0.051	203	0.048	239	0.153	275	0.318	311	0.445
24	0.486	60	0.416	96	0.266	132	0.109	168	0.052	204	0.049	240	0.157	276	0.323	312	0.447
25	0.485	61	0.413	97	0.262	133	0.105	169	0.052	205	0.049	241	0.162	277	0.327	313	0.450
26	0.484	62	0.410	98	0.257	134	0.101	170	0.053	206	0.050	242	0.166	278	0.332	314	0.452
27	0.483	63	0.406	99	0.252	135	0.097	171	0.053	207	0.051	243	0.170	279	0.336	315	0.454
28	0.482	64	0.403	100	0.248	136	0.094	172	0.054	208	0.052	244	0.175	280	0.341	316	0.456
29	0.480	65	0.400	101	0.243	137	0.090	173	0.054	209	0.054	245	0.179	281	0.345	317	0.458
30	0.479	66	0.396	102	0.238	138	0.087	174	0.055	210	0.055	246	0.183	282	0.349	318	0.460
31	0.478	67	0.393	103	0.233	139	0.084	175	0.055	211	0.057	247	0.188	283	0.353	319	0.462
32	0.476	68	0.389	104	0.229	140	0.080	176	0.055	212	0.059	248	0.192	284	0.358	320	0.463
33	0.475	69	0.385	105	0.224	141	0.077	177	0.056	213	0.061	249	0.197	285	0.362	321	0.465
34	0.473	70	0.382	106	0.220	142	0.074	178	0.056	214	0.063	250	0.201	286	0.366	322	0.467
35	0.472	71	0.378	107	0.215	143	0.071	179	0.056	215	0.066	251	0.206	287	0.370	323	0.468

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ELEVATION PATTERN

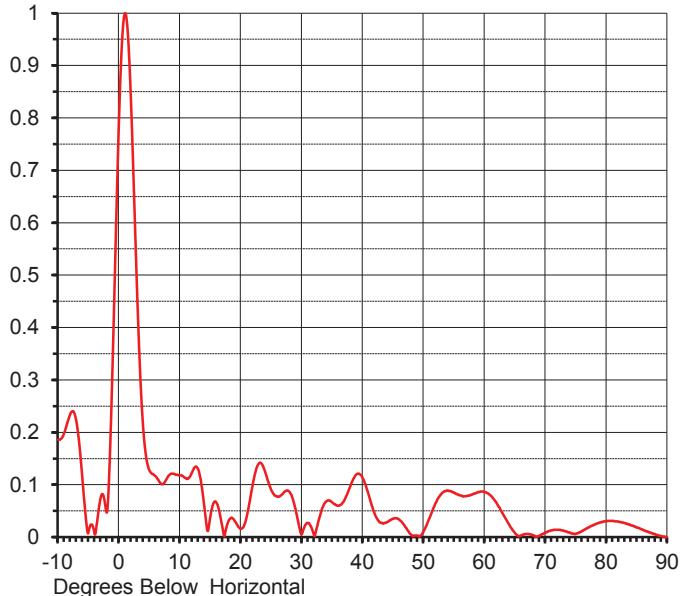
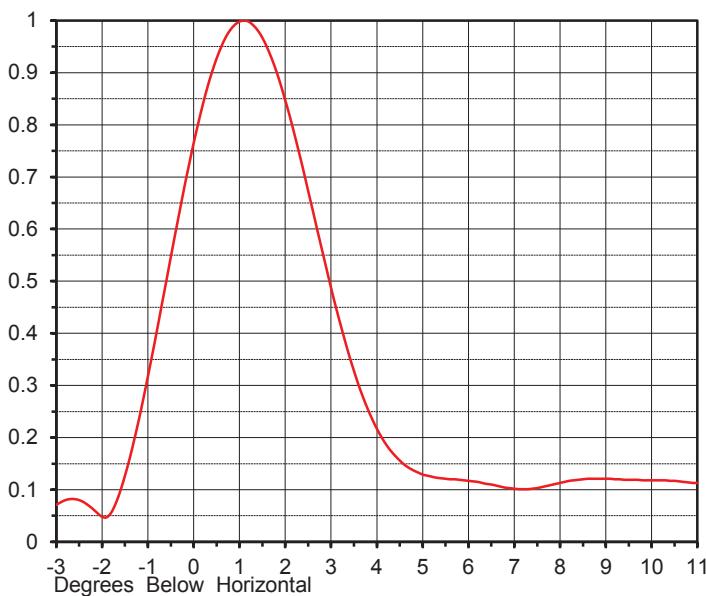
Proposal No. C-70034-1
 Date 8-Mar-17
 Call Letters WICS
 Channel 15
 Frequency 479 MHz
 Antenna Type TFU-24DSC/VP-R I

RMS Directivity at Main Lobe
 RMS Directivity at Horizontal

19.0 (12.79 dB)
11.1 (10.45 dB)

Calculated

Beam Tilt 1.00 deg
 Drawing Number 24Q190100



Angle	Field								
-10.0	0.186	10.0	0.118	30.0	0.006	50.0	0.012	70.0	0.009
-9.0	0.199	11.0	0.112	31.0	0.027	51.0	0.038	71.0	0.013
-8.0	0.235	12.0	0.124	32.0	0.003	52.0	0.066	72.0	0.014
-7.0	0.220	13.0	0.129	33.0	0.042	53.0	0.084	73.0	0.012
-6.0	0.108	14.0	0.057	34.0	0.068	54.0	0.089	74.0	0.008
-5.0	0.011	15.0	0.041	35.0	0.066	55.0	0.085	75.0	0.007
-4.0	0.005	16.0	0.065	36.0	0.060	56.0	0.080	76.0	0.012
-3.0	0.076	17.0	0.016	37.0	0.071	57.0	0.078	77.0	0.018
-2.0	0.047	18.0	0.032	38.0	0.099	58.0	0.082	78.0	0.024
-1.0	0.361	19.0	0.030	39.0	0.120	59.0	0.086	79.0	0.028
0.0	0.803	20.0	0.016	40.0	0.112	60.0	0.086	80.0	0.030
1.0	1.000	21.0	0.042	41.0	0.079	61.0	0.079	81.0	0.031
2.0	0.816	22.0	0.105	42.0	0.043	62.0	0.064	82.0	0.029
3.0	0.452	23.0	0.141	43.0	0.027	63.0	0.044	83.0	0.027
4.0	0.201	24.0	0.123	44.0	0.029	64.0	0.024	84.0	0.023
5.0	0.127	25.0	0.089	45.0	0.035	65.0	0.007	85.0	0.018
6.0	0.116	26.0	0.077	46.0	0.033	66.0	0.003	86.0	0.014
7.0	0.101	27.0	0.085	47.0	0.019	67.0	0.006	87.0	0.009
8.0	0.115	28.0	0.086	48.0	0.004	68.0	0.003	88.0	0.005
9.0	0.121	29.0	0.051	49.0	0.003	69.0	0.003	89.0	0.002
								90.0	0.000

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**SUMMARY OF RADIOFREQUENCY
RADIATION STUDY**
WICCS, Springfield, IL
Channel 15, 429 kW, 436 m HAAT
June, 2017

<u>CALL</u>	<u>SERVICE</u>	<u>CHANNEL</u>	<u>FREQUENCY</u>	<u>POLARIZATION</u>	<u>ANTENNA HEIGHT</u>	<u>ERP (kW)</u>	<u>VERT. RELATIVE FIELD FACTOR*</u>	<u>WORST-CASE PREDICTED POWER DENSITY (μW/cm²)</u>	<u>FCC UNCONTROLLED LIMIT (μW/cm²)</u>	<u>PERCENT OF UNCONTROLLED LIMIT</u>
WICCS	DT	15	479	H & V	432	429.000	0.300	13.953	319.33	4.37%

TOTAL PERCENTAGE OF FCC GUIDELINE VALUE = 4.37%

* For television stations a very conservative vertical relative field factor of 0.3 was assumed pursuant to OET Bulletin 65.





WICS - SPRINGFIELD, ILLINOIS

Longley-Rice Interference Analysis

tvstudy v2.2.2

Database: localhost, Study: WICS_15_DIE_436H_429K, Model: Longley-Rice
Start: 2017.06.23 14:32:46

Study created: 2017.06.23 14:32:39

Study build station data: LMS TV 2017-06-21 (19)

Proposal: WICS D15 DT APP SPRINGFIELD, IL
File number: WICS_15_DIE_436H_429K
Facility ID: 25686
Station data: User record
Record ID: 698
Country: U.S.
Zone: I

Non-U.S. records included

Stations potentially affected:

Call	Chan	Svc	Status	City, State	File Number	Distance
KNLC	D14	DT	LIC	ST. LOUIS, MO	BLCDT20061228AAC	185.8 km
KYOU-TV	D15	DT	LIC	OTTUMWA, IA	BLANK0000001581	261.3
W15BU-D	D15	DC	LIC	JOHNSON CITY, IL	BLDTA20090804AAF	222.5
WYYW-CD	D15	DC	LIC	EVANSVILLE, IN	BLDTA20130109AGB	277.0
WTTK	D15	DT	CP	KOKOMO, IN	BLANK0000024884	278.3
WTTK	D15	DT	BL	KOKOMO, IN	DTVBL56526	278.3
WXIX-TV	D15	DT	BL	NEWPORT, KY	DTVBL39738	428.3
KPOB-TV	D15	DT	LIC	POPLAR BLUFF, MO	BLCDT20090623ABU	344.8
KMOS-TV	D15	DT	LIC	SEDALIA, MO	BLEDT20030108ABK	321.2
WRSP-TV	D16	DT	BL	SPRINGFIELD, IL	DTVBL62009	1.4

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D15
Latitude: 39 48 15.00 N (NAD83)
Longitude: 89 27 40.00 W
Height AMSL: 612.0 m
HAAT: 436.0 m
Peak ERP: 429 kW
Antenna: DIE-TFU-24DSC-VP/R 1 (ID 68475) 0.0 deg

38.8 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	262 kW	430.7 m	100.6 km
45.0	292	430.8	101.7
90.0	399	432.5	104.8
135.0	88.2	432.8	91.8
180.0	83.4	438.2	91.7
225.0	81.2	441.2	91.6

**Appendix B - Interference Analysis
WICS - Springfield, Illinois
Channel 15 - 429 kW - Page 2**

270.0	396	438.8	105.3
315.0	289	439.3	102.3

Proposal service area is within baseline plus 1.0%
Proposal service area population is more than 95.0% of baseline

Distance to Canadian border: 584.1 km

Distance to Mexican border: 1556.5 km

Conditions at FCC monitoring station: Allegan MI
Bearing: 42.1 degrees Distance: 427.6 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 276.7 degrees Distance: 1341.5 km

No land mobile station failures found

Study cell size: 2.00 km

Profile point spacing: 1.00 km

Maximum new IX to full-service and Class A: 0.50%
Maximum new IX to LPTV: 2.00%

Interference to BLCDT20061228AAC LIC, scenario 1
Proposal causes no interference.

Interference to BLCDT20061228AAC LIC, scenario 2
Proposal causes no interference.

Interference to BLANK0000001581 LIC, scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KYOU-TV	D15	DT	LIC	OTTUMWA, IA	BLANK0000001581	
Undesireds:	WICS	D15	DT	BL	SPRINGFIELD, IL	DTVBL25686	261.3 km
	WICS	D15	DT	APP	SPRINGFIELD, IL	WICS_15_DIE_436H_429K	261.3
	KFXB-TV	D14	DT	BL	DUBUQUE, IA	DTVBL17625	184.0
	KMOS-TV	D15	DT	LIC	SEDALIA, MO	BLEDT20030108ABK	295.9
	WHLA-TV	D15	DT	CP	LA CROSSE, WI	BLANK0000025065	294.1
	KDSM-TV	D16	DT	LIC	DES MOINES, IA	BLCDT20110609ABE	155.2

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX					
27299.8	651,334	27223.6	640,935	26734.4	627,805	26794.3	629,318	-0.22	-0.24

Undesired	Total IX	Unique IX, before	Unique IX, after			
WICS D15 DT BL	235.6	8,099	199.6	4,296		
WICS D15 DT APP	175.7	6,586		139.7	2,783	
KMOS-TV D15 DT LIC	80.0	3,882	48.0	213	48.0	213
WHLA-TV D15 DT CP	36.1	2,201	32.1	2,067	32.1	2,067
KDSM-TV D16 DT LIC	173.6	2,751	173.6	2,751	173.6	2,751

Interference to BLANK0000001581 LIC, scenario 2

Call	Chan	Svc	Status	City, State	File Number	Distance
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Appendix B - Interference Analysis
WICS - Springfield, Illinois
Channel 15 - 429 kW - Page 3

Desired:	KYOU-TV	D15	DT	LIC	OTTUMWA, IA	BLANK0000001581	
Undesireds:	WICS	D15	DT	BL	SPRINGFIELD, IL	DTVBL25686	261.3 km
	WICS	D15	DT	APP	SPRINGFIELD, IL	WICS_15_DIE_436H_429K	261.3
	KFXB-TV	D14	DT	BL	DUBUQUE, IA	DTVBL17625	184.0
	KMOS-TV	D15	DT	LIC	SEDALIA, MO	BLEDT20030108ABK	295.9
	WHLA-TV	D15	DT	BL	LA CROSSE, WI	DTVBL18780	294.1
	KDSM-TV	D16	DT	LIC	DES MOINES, IA	BLCDT20110609ABE	155.2

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
27299.8	651,334	27223.6	640,935	26734.4 627,805 26794.3 629,318 -0.22 -0.24

Undesired	Total IX	Unique IX, before	Unique IX, after
WICS D15 DT BL	235.6	8,099	199.6 4,296
WICS D15 DT APP	175.7	6,586	139.7 2,783
KMOS-TV D15 DT LIC	80.0	3,882	48.0 213 48.0 213
WHLA-TV D15 DT BL	36.1	2,201	32.1 2,067 32.1 2,067
KDSM-TV D16 DT LIC	173.6	2,751	173.6 2,751 173.6 2,751

Interference to BLDTA20090804AAF LIC, scenario 1
Proposal causes no interference.

Interference to BLDTA20090804AAF LIC, scenario 2
Proposal causes no interference.

Interference to BLDTA20090804AAF LIC, scenario 3
Proposal causes no interference.

Interference to BLDTA20090804AAF LIC, scenario 4
Proposal causes no interference.

Interference to BLDTA20130109AGB LIC, scenario 1
Proposal causes no interference.

Interference to BLDTA20130109AGB LIC, scenario 2
Proposal causes no interference.

Interference to BLDTA20130109AGB LIC, scenario 3
Proposal causes no interference.

Interference to BLDTA20130109AGB LIC, scenario 4
Proposal causes no interference.

Interference to BLDTA20130109AGB LIC, scenario 5
Proposal causes no interference.

Interference to BLDTA20130109AGB LIC, scenario 6
Proposal causes no interference.

Interference to BLDTA20130109AGB LIC, scenario 7

**Appendix B - Interference Analysis
WICS - Springfield, Illinois
Channel 15 - 429 kW - Page 4**

Proposal causes no interference.

Interference to BLDTA20130109AGB LIC, scenario 8
Proposal causes no interference.

Interference to BLDTA20130109AGB LIC, scenario 9
Proposal causes no interference.

Interference to BLDTA20130109AGB LIC, scenario 10
Proposal causes no interference.

Interference to BLDTA20130109AGB LIC, scenario 11
Proposal causes no interference.

Interference to BLDTA20130109AGB LIC, scenario 12
Proposal causes no interference.

Interference to BLDTA20130109AGB LIC, scenario 13
Proposal causes no interference.

Interference to BLDTA20130109AGB LIC, scenario 14
Proposal causes no interference.

Interference to BLDTA20130109AGB LIC, scenario 15
Proposal causes no interference.

Interference to BLDTA20130109AGB LIC, scenario 16
Proposal causes no interference.

Interference to BLANK0000024884 CP, scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WTTK	D15	DT	CP	KOKOMO, IN	BLANK0000024884	
Undesireds:	WICS	D15	DT	BL	SPRINGFIELD, IL	DTVBL25686	278.3 km
	WICS	D15	DT	APP	SPRINGFIELD, IL	WICS_15_DIE_436H_429K	278.3
	WLKY	D14	DT	APP	LOUISVILLE, KY	BLANK0000025154	172.0
	W15BU-D	D15	DC	LIC	JOHNSON CITY, IL	BLDTA20090804AAF	327.6
	WYYW-CD	D15	DC	LIC	EVANSVILLE, IN	BLDTA20130109AGB	230.7
	WLCU-CD	D15	DC	BL	CAMPBELLSVILLE, KY	DTVBL8500	292.1
	WXIX-TV	D15	DT	BL	NEWPORT, KY	DTVBL39738	165.5
	WPBM-CD	D15	DC	BL	SCOTTSVILLE, KY	DTVBL30580	339.8
	W33BY-D	D15	DC	BL	DETROIT, MI	DTVBL25722	382.3
	WXSP-CD	D15	DC	LIC	GRAND RAPIDS, MI	BLDTA20100714AAG	349.8
	WOHL-CD	D15	DC	BL	LIMA, OH	DTVBL68549	199.7
	WQCW	D15	DT	BL	PORTSMOUTH, OH	DTVBL65130	376.7
	WFWC-CD	D16	DC	BL	FORT WAYNE, IN	DTVBL67485	161.5
	WDNI-CD	D16	DC	BL	INDIANAPOLIS, IN	DTVBL28199	14.5
	WMYO	D16	DT	BL	SALEM, IN	DTVBL34167	173.7

Service area Terrain-limited IX-free, before IX-free, after Percent New IX

Appendix B - Interference Analysis
WICS - Springfield, Illinois
Channel 15 - 429 kW - Page 5

27338.7 2,817,698 27143.1 2,795,837 26045.5 2,760,599 26097.3 2,761,094 -0.20 -0.02

Undesired	Total IX	Unique IX, before	Unique IX, after
WICS D15 DT BL	299.3	8,959	247.4 4,360
WICS D15 DT APP	243.5	7,868	195.7 3,865
WYYW-CD D15 DC LIC	4.0	0	4.0 0
WXIX-TV D15 DT BL	842.1	30,813	714.6 23,086 718.6 23,682
WOHL-CD D15 DC BL	4.0	807	0.0 0.0 0
WQCW D15 DT BL	55.7	2,599	0.0 0.0 0
WDNI-CD D16 DC BL	8.0	215	4.0 65 4.0 65
WMYO D16 DT BL	20.0	529	0.0 0.0 0

Interference to BLANK0000024884 CP, scenario 2

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WTTK	D15	DT	CP	KOKOMO, IN	BLANK0000024884	
Undesireds:	WICS	D15	DT	BL	SPRINGFIELD, IL	DTVBL25686	278.3 km
	WICS	D15	DT	APP	SPRINGFIELD, IL	WICS_15_DIE_436H_429K	278.3
	WLKY	D14	DT	BL	LOUISVILLE, KY	DTVBL53939	172.0
	W15BU-D	D15	DC	LIC	JOHNSON CITY, IL	BLDTA20090804AAF	327.6
	WYYW-CD	D15	DC	LIC	EVANSVILLE, IN	BLDTA20130109AGB	230.7
	WLCU-CD	D15	DC	BL	CAMPBELLSVILLE, KY	DTVBL8500	292.1
	WXIX-TV	D15	DT	BL	NEWPORT, KY	DTVBL39738	165.5
	WPBM-CD	D15	DC	BL	SCOTTSVILLE, KY	DTVBL30580	339.8
	W33BY-D	D15	DC	BL	DETROIT, MI	DTVBL25722	382.3
	WXSP-CD	D15	DC	LIC	GRAND RAPIDS, MI	BLDTA20100714AAG	349.8
	WOHL-CD	D15	DC	BL	LIMA, OH	DTVBL68549	199.7
	WQCW	D15	DT	BL	PORTSMOUTH, OH	DTVBL65130	376.7
	WFWC-CD	D16	DC	BL	FORT WAYNE, IN	DTVBL67485	161.5
	WDNI-CD	D16	DC	BL	INDIANAPOLIS, IN	DTVBL28199	14.5
	WMYO	D16	DT	BL	SALEM, IN	DTVBL34167	173.7

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
27338.7	2,817,698	27143.1 2,795,837	26045.5 2,760,599	26097.3 2,761,094 -0.20 -0.02

Undesired	Total IX	Unique IX, before	Unique IX, after
WICS D15 DT BL	299.3	8,959	247.4 4,360
WICS D15 DT APP	243.5	7,868	195.7 3,865
WYYW-CD D15 DC LIC	4.0	0	4.0 0
WXIX-TV D15 DT BL	842.1	30,813	714.6 23,086 718.6 23,682
WOHL-CD D15 DC BL	4.0	807	0.0 0.0 0
WQCW D15 DT BL	55.7	2,599	0.0 0.0 0
WDNI-CD D16 DC BL	8.0	215	4.0 65 4.0 65
WMYO D16 DT BL	20.0	529	0.0 0.0 0

Interference to DTVBL56526 BL, scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WTTK	D15	DT	BL	KOKOMO, IN	DTVBL56526	
Undesireds:	WICS	D15	DT	BL	SPRINGFIELD, IL	DTVBL25686	278.3 km
	WICS	D15	DT	APP	SPRINGFIELD, IL	WICS_15_DIE_436H_429K	278.3
	WLKY	D14	DT	APP	LOUISVILLE, KY	BLANK0000025154	172.0
	W15BU-D	D15	DC	LIC	JOHNSON CITY, IL	BLDTA20090804AAF	327.6
	WYYW-CD	D15	DC	LIC	EVANSVILLE, IN	BLDTA20130109AGB	230.7
	WLCU-CD	D15	DC	BL	CAMPBELLSVILLE, KY	DTVBL8500	292.2
	WXIX-TV	D15	DT	BL	NEWPORT, KY	DTVBL39738	165.5
	WPBM-CD	D15	DC	BL	SCOTTSVILLE, KY	DTVBL30580	339.8

Appendix B - Interference Analysis
WICS - Springfield, Illinois
Channel 15 - 429 kW - Page 6

W33BY-D	D15	DC	BL	DETROIT, MI	DTVBL25722	382.3
WXSP-CD	D15	DC	LIC	GRAND RAPIDS, MI	BLDTA20100714AAG	349.7
WOHL-CD	D15	DC	BL	LIMA, OH	DTVBL68549	199.7
WQCW	D15	DT	BL	PORTSMOUTH, OH	DTVBL65130	376.7
WFWC-CD	D16	DC	BL	FORT WAYNE, IN	DTVBL67485	161.5
WDNI-CD	D16	DC	BL	INDIANAPOLIS, IN	DTVBL28199	14.5
WMYO	D16	DT	BL	SALEM, IN	DTVBL34167	173.7

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX					
27338.7	2,817,698	27143.1	2,795,808	26061.4	2,760,894	26093.3	2,761,148	-0.12	-0.01

Undesired	Total IX	Unique IX, before	Unique IX, after
WICS D15 DT BL	299.4	8,401	239.5
WICS D15 DT APP	259.5	8,069	207.6
WYYW-CD D15 DC LIC	8.0	110	4.0
WXIX-TV D15 DT BL	838.1	30,594	698.7
WOHL-CD D15 DC BL	4.0	807	0.0
WQCW D15 DT BL	55.7	2,599	0.0
WDNI-CD D16 DC BL	4.0	150	0.0
WMYO D16 DT BL	20.0	529	0.0

Interference to DTVBL56526 BL, scenario 2

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WTTK	D15	DT	BL	KOKOMO, IN	DTVBL56526	
Undesireds:	WICS	D15	DT	BL	SPRINGFIELD, IL	DTVBL25686	278.3 km
	WICS	D15	DT	APP	SPRINGFIELD, IL	WICS_15_DIE_436H_429K	278.3
	WLKY	D14	DT	BL	LOUISVILLE, KY	DTVBL53939	172.0
	W15BU-D	D15	DC	LIC	JOHNSON CITY, IL	BLDTA20090804AAF	327.6
	WYYW-CD	D15	DC	LIC	EVANSVILLE, IN	BLDTA20130109AGB	230.7
	WLCU-CD	D15	DC	BL	CAMPBELLSVILLE, KY	DTVBL8500	292.2
	WXIX-TV	D15	DT	BL	NEWPORT, KY	DTVBL39738	165.5
	WPBM-CD	D15	DC	BL	SCOTTSVILLE, KY	DTVBL30580	339.8
	W33BY-D	D15	DC	BL	DETROIT, MI	DTVBL25722	382.3
	WXSP-CD	D15	DC	LIC	GRAND RAPIDS, MI	BLDTA20100714AAG	349.7
	WOHL-CD	D15	DC	BL	LIMA, OH	DTVBL68549	199.7
	WQCW	D15	DT	BL	PORTSMOUTH, OH	DTVBL65130	376.7
	WFWC-CD	D16	DC	BL	FORT WAYNE, IN	DTVBL67485	161.5
	WDNI-CD	D16	DC	BL	INDIANAPOLIS, IN	DTVBL28199	14.5
	WMYO	D16	DT	BL	SALEM, IN	DTVBL34167	173.7

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX					
27338.7	2,817,698	27143.1	2,795,808	26061.4	2,760,894	26093.3	2,761,148	-0.12	-0.01

Undesired	Total IX	Unique IX, before	Unique IX, after
WICS D15 DT BL	299.4	8,401	239.5
WICS D15 DT APP	259.5	8,069	207.6
WYYW-CD D15 DC LIC	8.0	110	4.0
WXIX-TV D15 DT BL	838.1	30,594	698.7
WOHL-CD D15 DC BL	4.0	807	0.0
WQCW D15 DT BL	55.7	2,599	0.0
WDNI-CD D16 DC BL	4.0	150	0.0
WMYO D16 DT BL	20.0	529	0.0

Interference to DTVBL39738 BL, scenario 1
Proposal causes no interference.

Appendix B - Interference Analysis
WICS - Springfield, Illinois
Channel 15 - 429 kW - Page 7

Interference to DTVBL39738 BL, scenario 2
 Proposal causes no interference.

Interference to DTVBL39738 BL, scenario 3
 Proposal causes no interference.

Interference to DTVBL39738 BL, scenario 4
 Proposal causes no interference.

Interference to BLCDT20090623ABU LIC, scenario 1
 Proposal causes no interference.

Interference to BLCDT20090623ABU LIC, scenario 2
 Proposal causes no interference.

Interference to BLCDT20090623ABU LIC, scenario 3
 Proposal causes no interference.

Interference to BLCDT20090623ABU LIC, scenario 4
 Proposal causes no interference.

Interference to BLEDT20030108ABK LIC, scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
Undesireds:	KMOS-TV	D15	DT	LIC	SEDALIA, MO	BLEDT20030108ABK	
WICS	D15	DT	BL		SPRINGFIELD, IL	DTVBL25686	321.2 km
WICS	D15	DT	APP		SPRINGFIELD, IL	WICS_15_DIE_436H_429K	321.2
KNLC	D14	DT	LIC		ST. LOUIS, MO	BLCDT20061228AAC	203.9
KHOG-TV	D15	DT	LIC		FAYETTEVILLE, AR	BLCDT20020904AAX	309.4
KYOU-TV	D15	DT	LIC		OTTUMWA, IA	BLANK0000001581	295.9
W15BU-D	D15	DC	LIC		JOHNSON CITY, IL	BLDTA20090804AAF	354.6
KPOB-TV	D15	DT	LIC		POPLAR BLUFF, MO	BLCDT20090623ABU	293.8
KFXL-TV	D15	DT	LIC		LINCOLN, NE	BLANK0000001045	408.9
KOZK	D16	DT	BL		SPRINGFIELD, MO	DTVBL51102	162.1

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX					
41407.6	804,745	41184.8	803,129	40910.3	799,596	40926.3	799,639	-0.04	-0.01

Undesired	Total IX	Unique IX, before	Unique IX, after
WICS D15 DT BL	68.0	281	56.0
WICS D15 DT APP	48.1	227	
KHOG-TV D15 DT LIC	67.4	272	43.6
KYOU-TV D15 DT LIC	23.9	717	11.9
KOZK D16 DT BL	150.9	2,400	127.1

Interference to BLEDT20030108ABK LIC, scenario 2

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
Undesireds:	KMOS-TV	D15	DT	LIC	SEDALIA, MO	BLEDT20030108ABK	
WICS	D15	DT	BL		SPRINGFIELD, IL	DTVBL25686	321.2 km
WICS	D15	DT	APP		SPRINGFIELD, IL	WICS_15_DIE_436H_429K	321.2

Appendix B - Interference Analysis
WICS - Springfield, Illinois
Channel 15 - 429 kW - Page 8

KNLC	D14	DT	LIC	ST. LOUIS, MO	BLCDT20061228AAC	203.9
KHOG-TV	D15	DT	LIC	FAYETTEVILLE, AR	BLCDT20020904AAX	309.4
KYOU-TV	D15	DT	LIC	OTTUMWA, IA	BLANK0000001581	295.9
W15BU-D	D15	DC	LIC	JOHNSON CITY, IL	BLDTA20090804AAF	354.6
KPOB-TV	D15	DT	LIC	POPLAR BLUFF, MO	BLCDT20090623ABU	293.8
KFXL-TV	D15	DT	LIC	LINCOLN, NE	BLANK0000001045	408.9
KOZK	D16	DT	BL	SPRINGFIELD, MO	DTVBL51102	162.1

Service area	Terrain-limited		IX-free, before		IX-free, after		Percent New IX
41407.6	804,745	41184.8	803,129	40910.3	799,596	40926.3	799,639 -0.04 -0.01

Undesired	Total IX	Unique IX, before		Unique IX, after	
WICS D15 DT BL	68.0	281	56.0	220	
WICS D15 DT APP	48.1	227		40.1	177
KHOG-TV D15 DT LIC	67.4	272	43.6	196	43.6
KYOU-TV D15 DT LIC	23.9	717	11.9	656	15.9
KOZK D16 DT BL	150.9	2,400	127.1	2,324	127.1
					2,324

Interference to DTVBL62009 BL, scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WRSP-TV	D16	DT	BL	SPRINGFIELD, IL	DTVBL62009	
Undesireds:	WICS	D15	DT	BL	SPRINGFIELD, IL	DTVBL25686	1.4 km
	WICS	D15	DT	APP	SPRINGFIELD, IL	WICS_15_DIE_436H_429K	1.4
	WTVO	D16	DT	LIC	ROCKFORD, IL	BLCDT20021024AAS	277.5
	WFWC-CD	D16	DC	BL	FORT WAYNE, IN	DTVBL67485	391.4
	WDNI-CD	D16	DC	BL	INDIANAPOLIS, IN	DTVBL28199	287.7
	WMYO	D16	DT	BL	SALEM, IN	DTVBL34167	349.7
	KWQC-TV	D17	DT	BL	DAVENPORT, IA	DTVBL6885	185.7
	KETC	D17	DT	BL	ST. LOUIS, MO	DTVBL62182	167.8

Service area	Terrain-limited		IX-free, before		IX-free, after		Percent New IX
29004.6	904,326	28988.5	904,321	28908.2	902,351	28892.2	902,235 0.06 0.01

Undesired	Total IX	Unique IX, before		Unique IX, after	
WICS D15 DT BL	56.3	396	44.2	240	
WICS D15 DT APP	72.3	512		60.2	356
WTVO D16 DT LIC	32.1	1,728	20.0	1,572	20.0
WMYO D16 DT BL	4.0	2	4.0	2	4.0
					2

Interference to proposal, scenario 1
0.72% interference

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WICS	D15	DT	APP	SPRINGFIELD, IL	WICS_15_DIE_436H_429K	
Undesireds:	KNLC	D14	DT	LIC	ST. LOUIS, MO	BLCDT20061228AAC	185.8 km
	KYOU-TV	D15	DT	LIC	OTTUMWA, IA	BLANK0000001581	261.3
	W15BU-D	D15	DC	LIC	JOHNSON CITY, IL	BLDTA20090804AAF	222.5
	WYYW-CD	D15	DC	LIC	EVANSVILLE, IN	BLDTA20130109AGB	277.0
	WTTK	D15	DT	CP	KOKOMO, IN	BLANK0000024884	278.3
	KPOB-TV	D15	DT	LIC	POPLAR BLUFF, MO	BLCDT20090623ABU	344.8
	KMOS-TV	D15	DT	LIC	SEDALIA, MO	BLEDT20030108ABK	321.2
	WRSP-TV	D16	DT	BL	SPRINGFIELD, IL	DTVBL62009	1.4

Service area	Terrain-limited		IX-free		Percent IX	
30641.1	1,036,490	30561.6	1,034,526	30397.5	1,027,090	0.54 0.72

Appendix B - Interference Analysis
WICS - Springfield, Illinois
Channel 15 - 429 kW - Page 9

Undesired	Total IX	Unique IX	Prcnt Unique	Unique IX
KYOU-TV D15 DT LIC	84.1	6,146	40.1	6,019
WTTK D15 DT CP	16.0	227	12.0	196
KMOS-TV D15 DT LIC	64.1	887	24.1	791
WRSP-TV D16 DT BL	43.9	303	43.9	303

Interference to proposal, scenario 2
0.72% interference

Desired:	Call WICS	Chan D15	Svc DT	Status APP	City, State SPRINGFIELD, IL	File Number WICS_15_DIE_436H_429K	Distance
Undesireds:	KNLC	D14	DT	LIC	ST. LOUIS, MO	BLCDT20061228AAC	185.8 km
	KYOU-TV	D15	DT	LIC	OTTUMWA, IA	BLANK0000001581	261.3
	W15BU-D	D15	DC	LIC	JOHNSON CITY, IL	BLDTA20090804AAF	222.5
	WYYW-CD	D15	DC	LIC	EVANSVILLE, IN	BLDTA20130109AGB	277.0
	WTTK	D15	DT	BL	KOKOMO, IN	DTVBL56526	278.3
	KPOB-TV	D15	DT	LIC	POPLAR BLUFF, MO	BLCDT20090623ABU	344.8
	KMOS-TV	D15	DT	LIC	SEDALIA, MO	BLEDT20030108ABK	321.2
	WRSP-TV	D16	DT	BL	SPRINGFIELD, IL	DTVBL62009	1.4
Service area		Terrain-limited			IX-free	Percent IX	
30641.1	1,036,490	30561.6	1,034,526	30397.5	1,027,090	0.54	0.72
Undesired		Total IX			Unique IX	Prcnt Unique	Unique IX
KYOU-TV D15 DT LIC	84.1	6,146	40.1	6,019	0.13	0.58	
WTTK D15 DT BL	16.0	227	12.0	196	0.04	0.02	
KMOS-TV D15 DT LIC	64.1	887	24.1	791	0.08	0.08	
WRSP-TV D16 DT BL	43.9	303	43.9	303	0.14	0.03	