



**STATEMENT OF JOHN E. HIDLE, P.E.
IN SUPPORT OF AN APPLICATION FOR
A MINOR MODIFICATION OF A
POST REPACK CONSTRUCTION PERMIT
FILE # 0000027285
WCIV - CHARLESTON, SOUTH CAROLINA
DTV - CH. 25 - 1000 kW - 583.3 m HAAT**

Prepared for: WMMP LICENSEE L.P.

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 WMMP LICENSEE L.P., licensee of WCIV, channel 36, facility ID number 9015, licensed to Charleston, South Carolina, to prepare this statement, FCC Form 2100, Schedule A, its technical sections, and the associated exhibits in support of an application for a minor modification of its post-reassignment construction permit, File # 0000027285, that authorizes WCIV to use channel 25 for its post-reassignment broadcasting. The instant application proposes only to increase WCIV's ERP to 1000 kW.

DIRECTIONAL ANTENNA

The applicant will utilize its existing authorized antenna, a Dielectric model TUD-P5SP-16/48-1-B horizontally polarized broad-band panel type directional transmitting antenna with its center of radiation located at a height above ground of 580.4 meters, and a height above average terrain of 583.3 meters. The antenna manufacturer's horizontal plane azimuth radiation pattern shown and tabulated in exhibit 2. 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 3.

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 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 (39.85 dBu) contour, and the principal community (48 dBu) contour. The 48 dBu contour completely encompasses the principal community of license, Charleston, South Carolina.

ALLOCATION CONSIDERATIONS

Post-Transition DTV Considerations

A study was performed, using the FCC's software, tv_study, v. 2.2.3, 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. (See Appendix B)

International DTV Considerations

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

BLANKETING AND INTERMODULATION INTERFERENCE

Other broadcast and non-broadcast facilities are either co-located with, or located within 10 km of the proposed WCIV 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 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 1.5, and is similarly determined for a “controlled” environment by dividing the operating frequency in MHz by 0.3.

The predicted emissions of WCIV must be considered, in addition to predicted emissions from any other proposed or existing stations at the site. For WCIV, which will

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WCIV - Charleston, South Carolina
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operate on television Channel 25 (536-542 MHz), the MPE is 359.33 microwatts per centimeter squared ($\mu\text{W}/\text{cm}^2$) in an "uncontrolled" environment and 1,796.7 $\mu\text{W}/\text{cm}^2$ in a "controlled" environment. The proposed WCIV facility will operate with a maximum ERP of 1000 kW from an horizontally polarized directional transmitting antenna with a centerline height of 580.4 meters above ground level (AGL). Considering a predicted vertical plane relative field factor of 0.300 the WCIV facility is predicted to produce a power density at two meters above ground level of 8.988 $\mu\text{W}/\text{cm}^2$, which is 2.50% of the FCC guideline value for an "uncontrolled" environment, and 0.50% of the FCC's guideline value for "controlled" environments. There are two other full-power DTV broadcast facilities that are located at the WCIV 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 6.70% of the limit applicable to "uncontrolled" environments, and 1.34% of the limit for "controlled" environments. (See Appendix A)

OCCUPATIONAL SAFETY

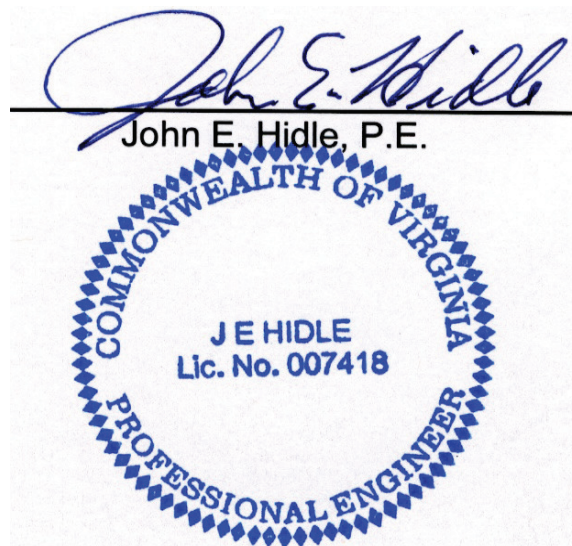
The licensee of WCIV is committed to the protection of station personnel and/or tower contractors working in the vicinity of the WCIV antenna, and is committed to reducing power or ceasing operation during times of maintenance of the transmission systems, when necessary, to ensure protection to personnel.

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WCIV - Charleston, South Carolina
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SUMMARY

It is submitted that the instant application for minor modification of its post-reassignment channel 25 construction permit to increase WCIV's ERP to 1000 kW, 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: October 13, 2017





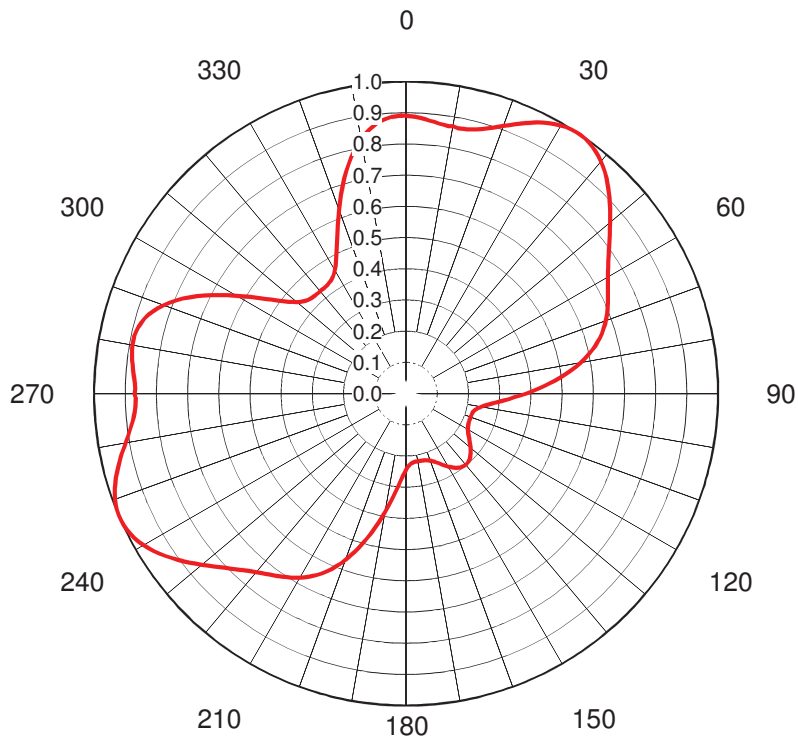
PREDICTED COVERAGE CONTOURS

WCIV - CHARLESTON, SOUTH CAROLINA
DTV Channel 25 - 1000 kW ERP - 583.3 M HAAT
OCTOBER, 2017

Predicted Noise Limited 39.85 dBu
F(50,90) Coverage Contour



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



AZIMUTH PATTERN Horizontal Polarization

Proposal No.
Date **22-Mar-17**
Call Letters **WCIV**
Channel **25**
Frequency **539 MHz**
Antenna Type **TUD-P5SP-16/48-1-B**
Gain **2.2 (3.42dB)**
Calculated

Deg	Value	Deg	Value	Deg	Value	Deg	Value	Deg	Value	Deg	Value	Deg	Value	Deg	Value	Deg	Value
0	0.891	36	0.996	72	0.665	108	0.220	144	0.293	180	0.244	216	0.720	252	0.982	288	0.853
1	0.889	37	0.992	73	0.656	109	0.220	145	0.290	181	0.252	217	0.726	253	0.975	289	0.842
2	0.887	38	0.986	74	0.646	110	0.220	146	0.287	182	0.262	218	0.733	254	0.967	290	0.828
3	0.885	39	0.979	75	0.635	111	0.220	147	0.283	183	0.273	219	0.740	255	0.958	291	0.813
4	0.881	40	0.972	76	0.623	112	0.220	148	0.279	184	0.286	220	0.747	256	0.950	292	0.796
5	0.878	41	0.963	77	0.611	113	0.221	149	0.275	185	0.300	221	0.755	257	0.940	293	0.778
6	0.875	42	0.953	78	0.597	114	0.221	150	0.270	186	0.315	222	0.764	258	0.931	294	0.759
7	0.872	43	0.942	79	0.582	115	0.222	151	0.265	187	0.331	223	0.773	259	0.922	295	0.739
8	0.870	44	0.931	80	0.567	116	0.223	152	0.260	188	0.348	224	0.783	260	0.913	296	0.717
9	0.868	45	0.919	81	0.551	117	0.224	153	0.255	189	0.366	225	0.793	261	0.904	297	0.695
10	0.870	46	0.906	82	0.534	118	0.225	154	0.251	190	0.384	226	0.804	262	0.896	298	0.673
11	0.866	47	0.893	83	0.516	119	0.227	155	0.246	191	0.403	227	0.816	263	0.889	299	0.650
12	0.867	48	0.880	84	0.498	120	0.229	156	0.242	192	0.422	228	0.828	264	0.882	300	0.628
13	0.869	49	0.867	85	0.480	121	0.231	157	0.238	193	0.441	229	0.841	265	0.877	301	0.605
14	0.873	50	0.854	86	0.461	122	0.234	158	0.234	194	0.461	230	0.854	266	0.873	302	0.584
15	0.877	51	0.841	87	0.441	123	0.238	159	0.231	195	0.480	231	0.867	267	0.869	303	0.563
16	0.882	52	0.828	88	0.422	124	0.242	160	0.229	196	0.498	232	0.880	268	0.867	304	0.543
17	0.889	53	0.816	89	0.403	125	0.246	161	0.227	197	0.516	233	0.893	269	0.866	305	0.524
18	0.896	54	0.804	90	0.384	126	0.251	162	0.225	198	0.534	234	0.906	270	0.870	306	0.507
19	0.904	55	0.793	91	0.366	127	0.255	163	0.224	199	0.551	235	0.919	271	0.868	307	0.492
20	0.913	56	0.783	92	0.348	128	0.260	164	0.223	200	0.567	236	0.931	272	0.870	308	0.478
21	0.922	57	0.773	93	0.331	129	0.265	165	0.222	201	0.582	237	0.942	273	0.872	309	0.466
22	0.931	58	0.764	94	0.315	130	0.270	166	0.221	202	0.597	238	0.953	274	0.875	310	0.457
23	0.940	59	0.755	95	0.300	131	0.275	167	0.221	203	0.611	239	0.963	275	0.878	311	0.448
24	0.950	60	0.747	96	0.286	132	0.279	168	0.220	204	0.623	240	0.972	276	0.881	312	0.442
25	0.958	61	0.740	97	0.273	133	0.283	169	0.220	205	0.635	241	0.979	277	0.885	313	0.437
26	0.967	62	0.733	98	0.262	134	0.287	170	0.220	206	0.646	242	0.986	278	0.887	314	0.434
27	0.975	63	0.726	99	0.252	135	0.290	171	0.220	207	0.656	243	0.992	279	0.889	315	0.431
28	0.982	64	0.720	100	0.244	136	0.293	172	0.220	208	0.665	244	0.996	280	0.891	316	0.430
29	0.988	65	0.714	101	0.238	137	0.295	173	0.221	209	0.674	245	0.998	281	0.891	317	0.429
30	0.992	66	0.708	102	0.232	138	0.297	174	0.222	210	0.681	246	1.000	282	0.890	318	0.428
31	0.996	67	0.702	103	0.228	139	0.298	175	0.223	211	0.689	247	1.000	283	0.888	319	0.428
32	0.999	68	0.695	104	0.225	140	0.298	176	0.225	212	0.695	248	0.999	284	0.884	320	0.428
33	1.000	69	0.689	105	0.223	141	0.298	177	0.228	213	0.702	249	0.996	285	0.879	321	0.428
34	1.000	70	0.681	106	0.222	142	0.297	178	0.232	214	0.708	250	0.992	286	0.872	322	0.428
35	0.998	71	0.674	107	0.221	143	0.295	179	0.238	215	0.714	251	0.988	287	0.864	323	0.429

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ELEVATION PATTERN

Proposal No.

Date **22-Mar-17**

Call Letters **WCIV**

Channel **25**

Frequency **539 MHz**

Antenna Type **TUD-P5SP-16/48-1-B**

RMS Directivity at Main Lobe

25.0 (13.98 dB)

Beam Tilt

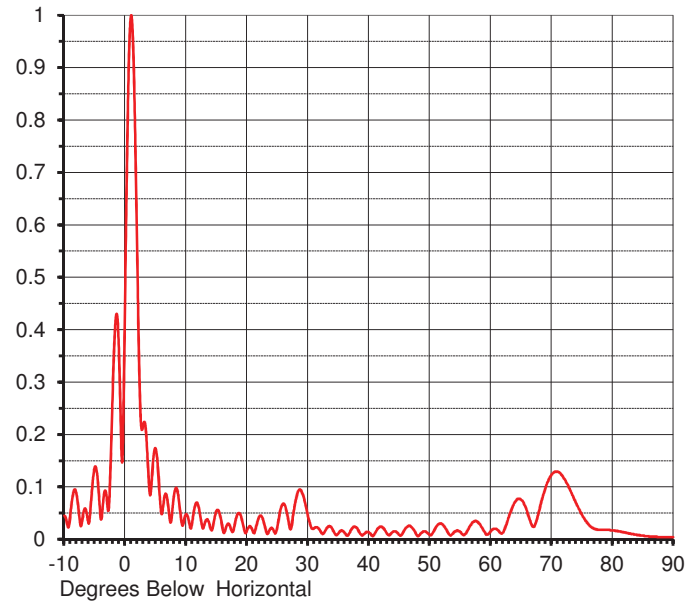
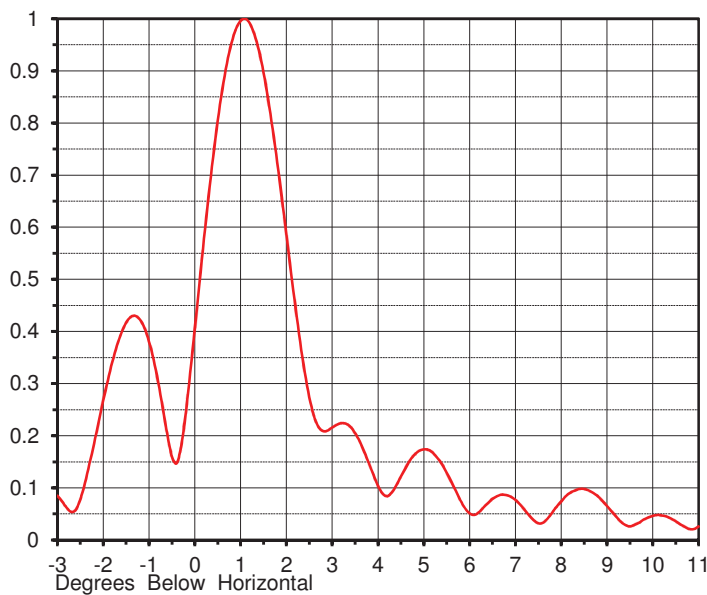
1.00 deg

RMS Directivity at Horizontal

6.1 (7.85 dB)

Pattern Number

Calculated



Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field
-10.0	0.045	10.0	0.048	30.0	0.043	50.0	0.008	70.0	0.124
-9.0	0.047	11.0	0.033	31.0	0.021	51.0	0.023	71.0	0.129
-8.0	0.087	12.0	0.064	32.0	0.016	52.0	0.029	72.0	0.116
-7.0	0.041	13.0	0.028	33.0	0.020	53.0	0.012	73.0	0.094
-6.0	0.030	14.0	0.021	34.0	0.019	54.0	0.014	74.0	0.069
-5.0	0.138	15.0	0.055	35.0	0.012	55.0	0.014	75.0	0.046
-4.0	0.038	16.0	0.019	36.0	0.012	56.0	0.013	76.0	0.029
-3.0	0.074	17.0	0.029	37.0	0.017	57.0	0.032	77.0	0.020
-2.0	0.306	18.0	0.030	38.0	0.022	58.0	0.031	78.0	0.018
-1.0	0.346	19.0	0.044	39.0	0.008	59.0	0.013	79.0	0.018
0.0	0.492	20.0	0.017	40.0	0.013	60.0	0.016	80.0	0.017
1.0	1.000	21.0	0.013	41.0	0.012	61.0	0.019	81.0	0.015
2.0	0.514	22.0	0.043	42.0	0.024	62.0	0.013	82.0	0.013
3.0	0.221	23.0	0.020	43.0	0.010	63.0	0.044	83.0	0.010
4.0	0.089	24.0	0.022	44.0	0.015	64.0	0.072	84.0	0.008
5.0	0.173	25.0	0.027	45.0	0.008	65.0	0.075	85.0	0.007
6.0	0.048	26.0	0.068	46.0	0.021	66.0	0.051	86.0	0.005
7.0	0.068	27.0	0.021	47.0	0.023	67.0	0.024	87.0	0.005
8.0	0.084	28.0	0.076	48.0	0.006	68.0	0.058	88.0	0.004
9.0	0.055	29.0	0.089	49.0	0.015	69.0	0.099	89.0	0.004
								90.0	0.004

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SUMMARY OF RADIOFREQUENCY RADIATION STUDY

WCIV, Charleston, SC
Channel 25, 1000 kW, 583.3 m HAAT
October, 2017

<u>CALL</u>	<u>SERVICE</u>	<u>CHANNEL</u>	<u>FREQUENCY</u>	<u>POLAR- IZATION</u>	<u>ANTENNA HEIGHT</u>	<u>ERP (kW)</u>	<u>VERT. RELATIVE FIELD FACTOR</u>	<u>WORST-CASE PREDICTED POWER DENSITY ($\mu\text{W}/\text{cm}^2$)</u>	<u>FCC UNCONTROLLED LIMIT ($\mu\text{W}/\text{cm}^2$)</u>	<u>PERCENT OF UNCONTROLLED LIMIT</u>
WCIV	DT	25	539	H	580.4	1000.000	0.300	8.988	359.33	2.50%
WTAT-TV	DT	17	491	H	580.4	1000.000	0.300	8.988	327.33	2.75%
WCBD-TV	DT	20	546	H	580	546.000	0.300	4.914	339.33	1.45%
TOTAL PERCENTAGE OF FCC GUIDELINE VALUE =										6.70%

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



WCIV - CHARLESTON, SOUTH CAROLINA Longley-Rice Interference Analysis

tvstudy v2.2.3 (DAezul)

Database: localhost, Study: WCIV-CP-DA-1000kW, Model: Longley-Rice

Start: 2017.10.10 15:36:09

Study created: 2017.10.10 15:35:49

Study build station data: LMS TV 2017-10-02 (15)

Proposal: WCIV D25 DT CP CHARLESTON, SC
File number: WCIV-CP-DA-1000kW
Facility ID: 9015
Station data: User record
Record ID: 810
Country: U.S.
Zone: II

Search options:

Non-U.S. records included

Stations affected by proposal:

Call	Chan	Svc	Status	City, State	File Number	Distance
WJZY	D25	DT	CP	BELMONT, NC	BLANK0000027835	300.8 km
WUNK-TV	D25	DT	CP	GREENVILLE, NC	BLANK0000025767	348.3
WZRB	D25	DT	CP	COLUMBIA, SC	BLANK0000027452	172.1

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D25
Latitude: 32 56 25.00 N (NAD83)
Longitude: 79 41 44.00 W
Height AMSL: 585.4 m
HAAT: 583.3 m
Peak ERP: 1000 kW
Antenna: DIE-TUD-P5SP-16/48-1-B (ID 1001592) 0.0 deg
Elev Pattn: Generic
Elec Tilt: 1.00

39.9 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	794 kW	577.3 m	119.6 km
45.0	834	579.8	120.2
90.0	147	585.2	104.9
135.0	80.7	585.0	99.7
180.0	59.5	585.1	97.2
225.0	641	581.1	117.8
270.0	757	580.6	119.4
315.0	212	577.4	107.6

Database HAAT does not agree with computed HAAT

Database HAAT: 583 m Computed HAAT: 581 m

ERP exceeds maximum

ERP: 1000 kW ERP maximum: 348 kW

**Proposal service area extends beyond baseline plus 1.0%

Proposal service area population is more than 95.0% of baseline

Appendix B - Interference Analysis **WCIV - Charleston, South Carolina** **Channel 25 - 1000 kW - Page 2**

Distance to Canadian border: 999.8 km

Distance to Mexican border: 1835.1 km

Conditions at FCC monitoring station: Powder Springs GA
 Bearing: 283.8 degrees Distance: 477.7 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
 Bearing: 296.7 degrees Distance: 2405.6 km

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 BLANK0000027835 CP, scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WJZY	D25	DT	CP	BELMONT, NC	BLANK0000027835	
Undesireds:	WCIV	D25	DT	BL	CHARLESTON, SC	DTVBL9015	300.8 km
	WCIV	D25	DT	CP	CHARLESTON, SC	WCIV-CP-DA-1000kW	300.8
	WCNC-TV	D24	DT	CP	CHARLOTTE, NC	BLANK0000028033	2.2
	WETP-TV	D24	DT	APP	SNEEDVILLE, TN	BLANK0000029748	214.7
	WATL	D25	DT	LIC	ATLANTA, GA	BLCDT20020716AAH	338.8
	WUNK-TV	D25	DT	CP	GREENVILLE, NC	BLANK0000025767	322.4
	WZRB	D25	DT	CP	COLUMBIA, SC	BLANK0000027452	147.2
	WLFB	D25	DT	CP	BLUEFIELD, WV	BLANK0000026305	206.7
	WGPX-TV	D26	DT	CP	BURLINGTON, NC	BLANK0000027010	167.2
	WWMB	D26	DT	CP	FLORENCE, SC	BLANK0000027772	199.8
	WNEH	D26	DT	CP	GREENWOOD, SC	BLANK0000025027	143.7

Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
42287.5	4,053,625	40398.5	3,951,971	38196.0	3,897,193	38116.6 3,895,867	0.21 0.03
Undesired		Total IX		Unique IX, before		Unique IX, after	
WCIV D25 DT BL		314.5	5,498	51.7	1,799		
WCIV D25 DT CP		501.6	10,160			131.1	3,125
WCNC-TV D24 DT CP		199.9	9,657	199.9	9,657	199.9	9,657
WATL D25 DT LIC		51.7	4,870	15.9	4,142	15.9	4,142
WUNK-TV D25 DT CP		304.6	12,534	156.9	7,909	148.8	6,685
WZRB D25 DT CP		1570.1	21,881	1279.2	16,514	1215.5	14,970
WLFB D25 DT CP		128.6	6,886	96.5	5,684	92.4	5,636
WGPX-TV D26 DT CP		4.0	793	0.0	0	0.0	0
WWMB D26 DT CP		67.5	1,754	35.7	672	15.9	249
WNEH D26 DT CP		39.8	1,110	27.8	854	27.8	854

----- Interference to BLANK0000025767 CP, scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WUNK-TV	D25	DT	CP	GREENVILLE, NC	BLANK0000025767	
Undesireds:	WCIV	D25	DT	BL	CHARLESTON, SC	DTVBL9015	348.4 km
	WCIV	D25	DT	CP	CHARLESTON, SC	WCIV-CP-DA-1000kW	348.3
	WWAY	D24	DT	CP	WILMINGTON, NC	BLANK0000026634	166.8
	WJZY	D25	DT	CP	BELMONT, NC	BLANK0000027835	322.4
	WZRB	D25	DT	CP	COLUMBIA, SC	BLANK0000027452	352.4
	WLFB	D25	DT	CP	BLUEFIELD, WV	BLANK0000026305	375.8

Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
33937.5	1,991,039	33905.4	1,985,696	33503.2	1,970,671	33503.2 1,970,671	0.00 0.00
Undesired		Total IX		Unique IX, before		Unique IX, after	

Appendix B - Interference Analysis
WCIV - Charleston, South Carolina
Channel 25 - 1000 kW - Page 3

WCIV D25 DT BL	19.9	593	4.0	66		
WCIV D25 DT CP	23.9	821			4.0	66
WWAY D24 DT CP	333.8	3,985	321.9	3,769	321.9	3,769
WJZY D25 DT CP	72.4	10,217	56.4	9,690	52.4	9,462
WZRB D25 DT CP	4.0	9	0.0	0	0.0	0
WLFB D25 DT CP	4.0	973	4.0	973	4.0	973

Interference to BLANK0000027452 CP, scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WZRB	D25	DT	CP	COLUMBIA, SC	BLANK0000027452	
Undesireds:	WCIV	D25	DT	BL	CHARLESTON, SC	DTVBL9015	172.1 km
	WCIV	D25	DT	CP	CHARLESTON, SC	WCIV-CP-DA-1000kW	172.1
	WCNC-TV	D24	DT	CP	CHARLOTTE, NC	BLANK0000028033	145.7
	WATL	D25	DT	LIC	ATLANTA, GA	BLCDDT20020716AAH	309.3
	WJZY	D25	DT	CP	BELMONT, NC	BLANK0000027835	147.2
	WUNK-TV	D25	DT	CP	GREENVILLE, NC	BLANK0000025767	352.4
	WWMB	D26	DT	CP	FLORENCE, SC	BLANK0000027772	157.4
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
13604.8	952,279	13504.6	951,693	9633.5	789,139	9553.4 787,221	0.83 0.24
Undesired		Total IX		Unique IX, before		Unique IX, after	
WCIV D25 DT BL	1977.7	126,208	793.8	85,360			
WCIV D25 DT CP	2225.6	129,975			873.9	87,278	
WCNC-TV D24 DT CP	11.9	197	0.0	0	0.0	0	
WATL D25 DT LIC	28.0	201	0.0	0	0.0	0	
WJZY D25 DT CP	3073.3	77,135	1881.4	36,121	1717.6	34,331	
WUNK-TV D25 DT CP	4.0	4	0.0	0	0.0	0	
WWMB D26 DT CP	12.0	158	4.0	59	0.0	0	

Interference to proposal, scenario 1
0.67% interference

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WCIV	D25	DT	CP	CHARLESTON, SC	WCIV-CP-DA-1000kW	
Undesireds:	WJZY	D25	DT	CP	BELMONT, NC	BLANK0000027835	300.8 km
	WZRB	D25	DT	CP	COLUMBIA, SC	BLANK0000027452	172.1
	WWMB	D26	DT	CP	FLORENCE, SC	BLANK0000027772	162.2
	WTGS	D26	DT	CP	HARDEEVILLE, SC	BLANK0000027450	183.5
Service area		Terrain-limited		IX-free		Percent IX	
39076.1	1,152,800	39076.1	1,152,800	38863.6	1,145,106	0.54 0.67	
Undesired		Total IX		Unique IX		Prcnt Unique IX	
WJZY D25 DT CP	4.0	67	0.0	0	0.00	0.00	
WZRB D25 DT CP	128.2	923	124.2	856	0.32	0.07	
WWMB D26 DT CP	76.2	6,771	76.2	6,771	0.20	0.59	
WTGS D26 DT CP	8.1	0	8.1	0	0.02	0.00	