

ENGINEERING TECHNICAL STATEMENT PREPARED BY WILLIAM T. GODFREY OF THE FIRM KESSLER AND GEHMAN ASSOCIATES, INC., TELECOMMUNICATIONS CONSULTING ENGINEERS IN CONNECTION WITH THE GEORGIA PUBLIC TELECOMMUNICATIONS COMMISSION'S (GPTC) MINOR MODIFICATION OF CONSTRUCTION PERMIT APPLICATION TO CHANGE CHANNELS FROM WCES-DT CHANNEL 36 TO WCES-DT CHANNEL 2 AS AUTHORIZED BY THE FCC IN A REPORT & ORDER RELEASED AUGUST 9, 2002.

The firm Kessler and Gehman Associates, Inc., (KGA) has been retained by the Georgia Public Telecommunications Commission (GPTC), Atlanta, Georgia in order to prepare engineering studies and the engineering portion of a minor modification of construction permit application to change channels from DTV Channel 36 to DTV Channel 2 as authorized by the FCC in a Report and Order released on August 9, 2002.

Discussion

On August 9th the FCC released a Report and Order stating that the public interest would be served by allotting DTV Channel *2 in lieu of DTV Channel *36 for WCES-DT. In the Order, the FCC stated that the GPTC shall submit to the Commission a minor change application for a construction permit specifying DTV Channel *2 in lieu of DTV Channel *36 for station WCES-DT. Accordingly, we are filing a minor modification of construction permit application for Channel 2 with one change from that what was filed in the petition for rule making (PFRM). The PFRM requested an effective radiated power (ERP) of 5.0 kW and this minor modification application is requesting an ERP of 30 kW. When the WCES-DT Channel 2 PFRM was originally prepared, KGA was using reliable and FCC-compliant software to perform the Longley-Rice interference studies. Calculations initially demonstrated that the maximum ERP that the proposed WCES-DT Channel 2 facility could operate at without causing above de minimis interference to applicable surrounding stations was 5.0 kW. KGA still uses the same software for initial studies but also uses the FCC's software on Sun Spark computers for final studies. The Sun Spark computer loaded with the FCC's Longley-Rice interference study software calculated that the proposed WCES-DT Channel 2 facility could operate with an ERP of 30 kW without causing unacceptable interference to any applicable surrounding stations. Therefore, this minor modification to construction permit application requests permission to make the following changes: 1) change from DTV Channel 36 to DTV Channel 2 as authorized; and 2) change ERP from 5 kW to 30 kW.

Interference Studies

The Longley-Rice studies were performed using a Sun Microsystems SPARC 5 computer work station loaded with the FCC's TV Interference and Spacing Analysis software (See Exhibit 12).

Exhibit 12 depicts detailed Longley-Rice interference studies with WCES-DT operating at the proposed ERP (30 kW). As you can see, the proposed WCES-DT Channel 2 facility would not cause more than 2.0% interference to any station. Exhibit 12 demonstrates that there is no unacceptable interference to any applicable surrounding stations, including Class A stations.

Exhibits

Exhibits 1 and 2 represent WCES-DT's administration data, antenna and antenna structure specifications as per §VII item 10 in the DTV Engineering Technical Specifications portion of the application regarding directional antennas and beam tilt.

Exhibit 3 depicts the profile view of the proposed antenna on the antenna structure with all the appropriate elevations as per §VII item 10 in the DTV Engineering Technical Specifications portion of the application regarding supporting structures and elevations.

Exhibits 4 and 5 display the azimuth pattern and the azimuth pattern tabulation respectively.

Exhibits 6 and 7 display the elevation pattern and the elevation pattern tabulation respectively.

Exhibits 8 and 9 display the ERP/dBk pattern and the ERP/dBk pattern tabulation respectively.

Exhibit 10 depicts the site location of the proposed WCES-DT site on a 7.5-Minute (Series) Topographic Map as per §VII item 10 in the DTV Engineering Technical Specifications portion of the application regarding topographic maps.

Exhibit 11 depicts the proposed WCES-DT coverage contour, boundaries of the principal community to be served, and the proposed transmitting location with radials every 45° as per §VII item 10 in the DTV Engineering Technical Specifications portion of the application regarding Sectional Aeronautical Charts.

Exhibit 12 (12 pages) contains detailed Longley-Rice interference studies using the proposed parameters for WCES-DT Channel 2.

Environmental Impact

The proposed construction will have no significant environmental impact as defined in §1.1307 of the FCC Rules. The DTV transmitter, 3-inch (50-ohm) transmission line and antenna system will produce an ERP of 30 kW. Assuming that the maximum lobe of radiation is oriented at the base of the tower, it will produce a power density six feet above the ground of 0.007 mW/cm^2 . This is only 0.065% of the maximum permissible exposure (MPE) authorized by the American National Standards Institute (ANSI). Since the proposed operation of WCES-DT Channel 2 will not exceed 5.0% of the MPE limit for population/uncontrolled at any point on the ground, WCES-DT is not considered to be a “significant contributor” to the RF exposure environment pursuant to OET Bulletin 65, Edition 97-01. Therefore, contributions of exposure from other sources were not accounted for in this analysis. It is safe to conclude that the emissions will be insignificant and well within the maximum allowable requirements.

If other antennas are placed on the tower in the future, the applicant will cooperate with those users by reducing or completely terminating the power to the antenna when maintenance workers are in danger from the electromagnetic radiation emanating from the antenna. The tower will be enclosed within a fence with warning signs posted at the locked gate.

Certification

The applicant accepts full responsibility for the elimination of any objectionable interference including that caused by intermodulation to facilities in existence or authorized prior to the grant of this application.

This technical statement was prepared by William T. Godfrey, Telecommunications Consultant with Kessler and Gehman Associates, Inc. having offices in Gainesville, Florida and has been working in the

field of radio and television broadcast consulting since 1998. He graduated from the University of North Florida with a Bachelor of Arts degree in Criminal Justice and a minor in Mathematics and received a Commission in the Aviation Branch of the United States Army in 1993. As a Professional in the field of Telecommunications and as a Captain in the United States Army, he states under penalty of perjury that the information contained in this report is true and correct to the best of his knowledge and belief.



KESSLER AND GEHMAN ASSOCIATES, INC.

A handwritten signature in blue ink, reading 'William T. Godfrey', is written over a horizontal line. The signature is fluid and cursive, with the first name 'William' and last name 'Godfrey' clearly legible.

WILLIAM T. GODFREY
Telecommunications Consultant

29 August, 2002

**WCES-DT
WRENS, GA**

ENGINEERING SPECIFICATIONS

A. Transmitter Site:

Geographic coordinates determined by licensed surveyor:

North Latitude	33° 15' 33"
West Longitude	82° 17' 09"

Transmitter Site Address: **2316 Old Miller Place Road, Wrens, GA 30833**

B. Main Studio Site Address: 260 14th Street N.W., Atlanta, GA 30318.

C. Proposed Facility:

DTV Channel	Number	2
	Frequency	54-60 MHz

D. Antenna Height:

Height of Site Above Mean Sea Level (AMSL)	132.5 M
Overall Height of Structure Above Ground	446.0 M
(including all appurtenances)	
Overall Height of Structure Above Mean Sea Level	578.5 M
(including all appurtenances)	
Height of Site Above Average Terrain	7.4 M
Antenna Height Radiation Center (R/C) Above Ground	417.7 M
Antenna Height R/C Above Mean Sea Level	550.2 M
Average of All Non-Odd Radials	114.6 M
Antenna Height R/C Above Average Terrain	435.6 M

E. System Parameters – Circular Polarization:

Transmitter Power Required	3.75 kW
Maximum Power Input to Antenna	2.22 kW
Total System Loss	2.27 dB
Transmission Line Efficiency	59.3%
Maximum Antenna Gain in Beam Maximum	14.31 dB
Maximum Antenna Gain in Horizontal Plane	14.28 dB
Maximum Effective Radiated Power	14.77 dBk
In Beam Maximum	30.0 kW
Maximum Effective Radiated Power	14.28 dBk
In Horizontal Plane	26.8 kW

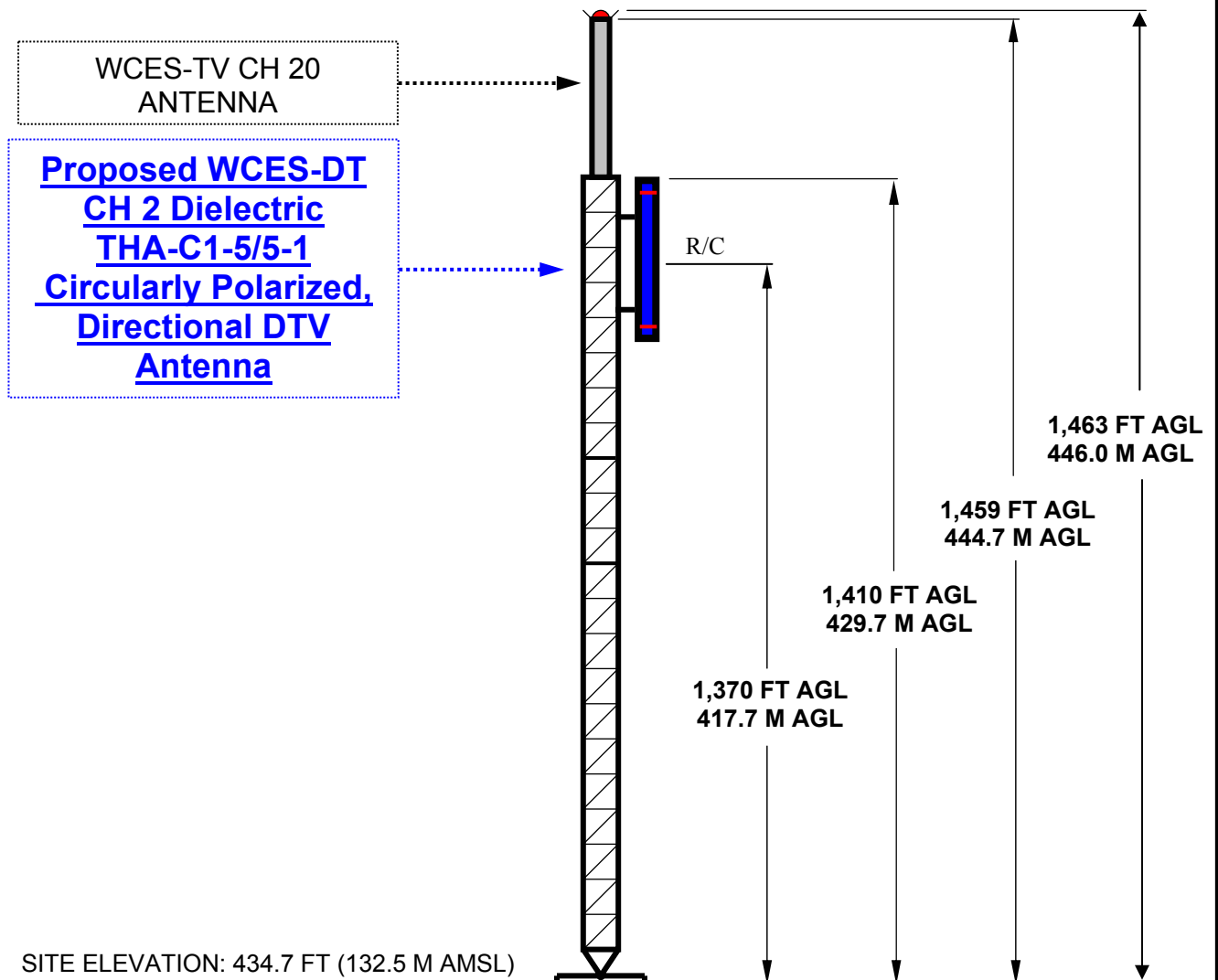
**WCES-DT
WRENS, GA**

**DATA FOR PROPOSED DTV
DIRECTIONAL TRANSMITTING ANTENNA**

- A. **Antenna:** Dielectric THA-C1-5/5-1, Circularly Polarized, Directional (Cardioid), Side-mount Antenna.
- B. **Electrical Beam Tilt:** 0.5°
- C. **Mechanical Beam Tilt:** None.
- D.

<u>Maximum Power Gain</u>	<u>Horizontal Polarization</u>
Maximum:	27.0 (14.31 dB)
Horizontal:	26.8 (14.28 dB)
- E. **Length:** 80.7 feet (24.6 meters) not including appurtenances.
- F. **Average Power DTV:** 3.75 kW
- G. **Null Fill:** 7.7%
- H. **Transmission Line:** 1-5/8" 50-ohm Heliax.
- I. **Transmission Line Loss:** 0.154dB/100-feet
- J. **Total Transmission Line:** 1,475 feet
- K. **Transmission Line Attenuation:** 2.27 dB

ANTENNA STRUCTURE ELEVATION VIEW



OVERALL HEIGHT AGL: 446.0 M
OVERALL HEIGHT AMSL: 578.5 M
RADIATION CENTER AGL: 417.7 M
RADIATION CENTER AMSL: 550.2 M
RADIATION CENTER HAAT: 435.6 M
AVG OF ALL NON-ODD RADIALS: 114.6 M

COORDINATES (NAD 27):

N. LATITUDE 33° 15' 33"
W. LONGITUDE 82° 17' 09"

Antenna Structure Registration Number:

1018796

NOTE: NOT TO SCALE

KESSLER & GEHMAN

TELECOMMUNICATIONS CONSULTING ENGINEERS

507 N.W. 60th Street, Suite C
Gainesville, Florida 32607

WCES-DT CHANNEL 2

WRENS, GEORGIA

20020823

EXHIBIT 3



Date
Call Letters
Location
Customer
Antenna Type

23 Aug 2002
WCES-DT
Wrens, GA
GPTC
THA-C1-5/5-1

Channel 2

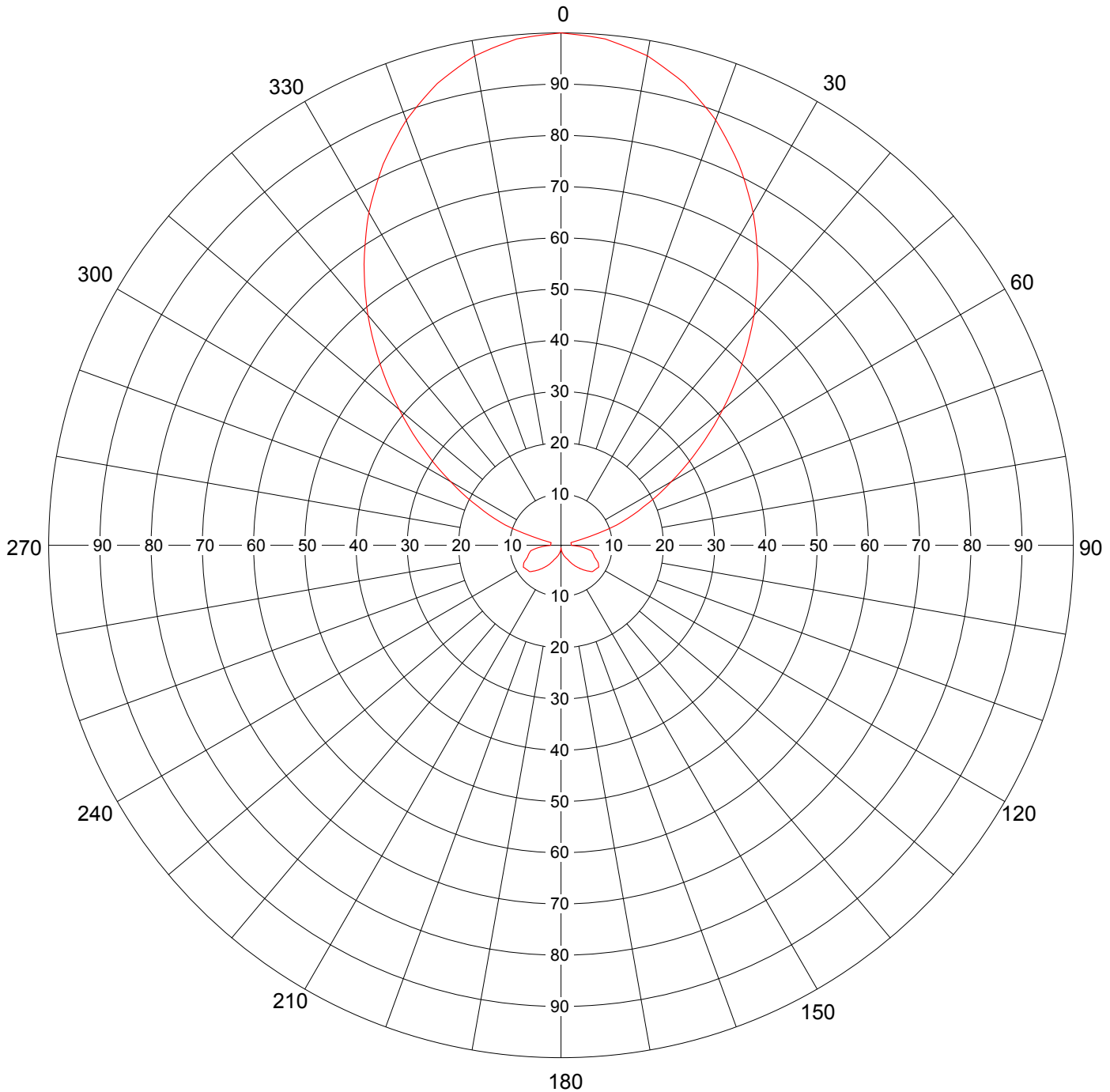
AZIMUTH PATTERN

RMS Gain at Main Lobe
Calculated / Measured

5.30 (7.24 dB)
Calculated

Frequency
Drawing #

57 MHz
THA-S1-H



Remarks: Exhibit 4



Date **23 Aug 2002**
 Call Letters **WCES-DT** Channel **2**
 Location **Wrens, GA**
 Customer **GPTC**
 Antenna Type **THA-C1-5/5-1**

TABULATION OF AZIMUTH PATTERN

Azimuth Pattern Drawing # **THA-S1-H**

Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field
0	1.000	45	0.499	90	0.020	135	0.070	180	0.005	225	0.070	270	0.020	315	0.499
1	0.998	46	0.482	91	0.024	136	0.068	181	0.006	226	0.072	271	0.020	316	0.516
2	0.997	47	0.464	92	0.028	137	0.066	182	0.007	227	0.074	272	0.020	317	0.534
3	0.995	48	0.447	93	0.032	138	0.064	183	0.008	228	0.076	273	0.020	318	0.551
4	0.994	49	0.429	94	0.036	139	0.062	184	0.009	229	0.078	274	0.020	319	0.569
5	0.992	50	0.412	95	0.040	140	0.060	185	0.010	230	0.080	275	0.020	320	0.586
6	0.988	51	0.395	96	0.044	141	0.058	186	0.011	231	0.080	276	0.020	321	0.603
7	0.983	52	0.378	97	0.048	142	0.056	187	0.012	232	0.081	277	0.020	322	0.620
8	0.979	53	0.362	98	0.052	143	0.054	188	0.013	233	0.081	278	0.020	323	0.636
9	0.974	54	0.345	99	0.056	144	0.052	189	0.014	234	0.082	279	0.020	324	0.653
10	0.970	55	0.328	100	0.060	145	0.050	190	0.015	235	0.082	280	0.020	325	0.670
11	0.963	56	0.312	101	0.061	146	0.048	191	0.016	236	0.083	281	0.020	326	0.686
12	0.955	57	0.296	102	0.062	147	0.046	192	0.017	237	0.083	282	0.020	327	0.702
13	0.948	58	0.281	103	0.063	148	0.044	193	0.018	238	0.084	283	0.020	328	0.718
14	0.940	59	0.265	104	0.064	149	0.042	194	0.019	239	0.084	284	0.020	329	0.734
15	0.933	60	0.249	105	0.065	150	0.040	195	0.020	240	0.085	285	0.020	330	0.750
16	0.923	61	0.235	106	0.066	151	0.038	196	0.021	241	0.084	286	0.039	331	0.764
17	0.913	62	0.221	107	0.067	152	0.036	197	0.022	242	0.083	287	0.058	332	0.778
18	0.903	63	0.206	108	0.068	153	0.034	198	0.023	243	0.082	288	0.078	333	0.793
19	0.893	64	0.192	109	0.069	154	0.032	199	0.024	244	0.081	289	0.097	334	0.807
20	0.883	65	0.178	110	0.070	155	0.030	200	0.025	245	0.080	290	0.116	335	0.821
21	0.871	66	0.166	111	0.072	156	0.029	201	0.026	246	0.078	291	0.128	336	0.833
22	0.858	67	0.153	112	0.074	157	0.028	202	0.027	247	0.076	292	0.141	337	0.846
23	0.846	68	0.141	113	0.076	158	0.027	203	0.028	248	0.074	293	0.153	338	0.858
24	0.833	69	0.128	114	0.078	159	0.026	204	0.029	249	0.072	294	0.166	339	0.871
25	0.821	70	0.116	115	0.080	160	0.025	205	0.030	250	0.070	295	0.178	340	0.883
26	0.807	71	0.097	116	0.081	161	0.024	206	0.032	251	0.069	296	0.192	341	0.893
27	0.793	72	0.078	117	0.082	162	0.023	207	0.034	252	0.068	297	0.206	342	0.903
28	0.778	73	0.058	118	0.083	163	0.022	208	0.036	253	0.067	298	0.221	343	0.913
29	0.764	74	0.039	119	0.084	164	0.021	209	0.038	254	0.066	299	0.235	344	0.923
30	0.750	75	0.020	120	0.085	165	0.020	210	0.040	255	0.065	300	0.249	345	0.933
31	0.734	76	0.020	121	0.084	166	0.019	211	0.042	256	0.064	301	0.265	346	0.940
32	0.718	77	0.020	122	0.084	167	0.018	212	0.044	257	0.063	302	0.281	347	0.948
33	0.702	78	0.020	123	0.083	168	0.017	213	0.046	258	0.062	303	0.296	348	0.955
34	0.686	79	0.020	124	0.083	169	0.016	214	0.048	259	0.061	304	0.312	349	0.963
35	0.670	80	0.020	125	0.082	170	0.015	215	0.050	260	0.060	305	0.328	350	0.970
36	0.653	81	0.020	126	0.082	171	0.014	216	0.052	261	0.056	306	0.345	351	0.974
37	0.636	82	0.020	127	0.081	172	0.013	217	0.054	262	0.052	307	0.362	352	0.979
38	0.620	83	0.020	128	0.081	173	0.012	218	0.056	263	0.048	308	0.378	353	0.983
39	0.603	84	0.020	129	0.080	174	0.011	219	0.058	264	0.044	309	0.395	354	0.988
40	0.586	85	0.020	130	0.080	175	0.010	220	0.060	265	0.040	310	0.412	355	0.992
41	0.569	86	0.020	131	0.078	176	0.009	221	0.062	266	0.036	311	0.429	356	0.994
42	0.551	87	0.020	132	0.076	177	0.008	222	0.064	267	0.032	312	0.447	357	0.995
43	0.534	88	0.020	133	0.074	178	0.007	223	0.066	268	0.028	313	0.464	358	0.997
44	0.516	89	0.020	134	0.072	179	0.006	224	0.068	269	0.024	314	0.482	359	0.998

Remarks: Exhibit 5



Date
Call Letters
Location
Customer
Antenna Type

23 Aug 2002
WCES-DT
Wrens, GA
GPTC
THA-C1-5/5-1

Channel 2

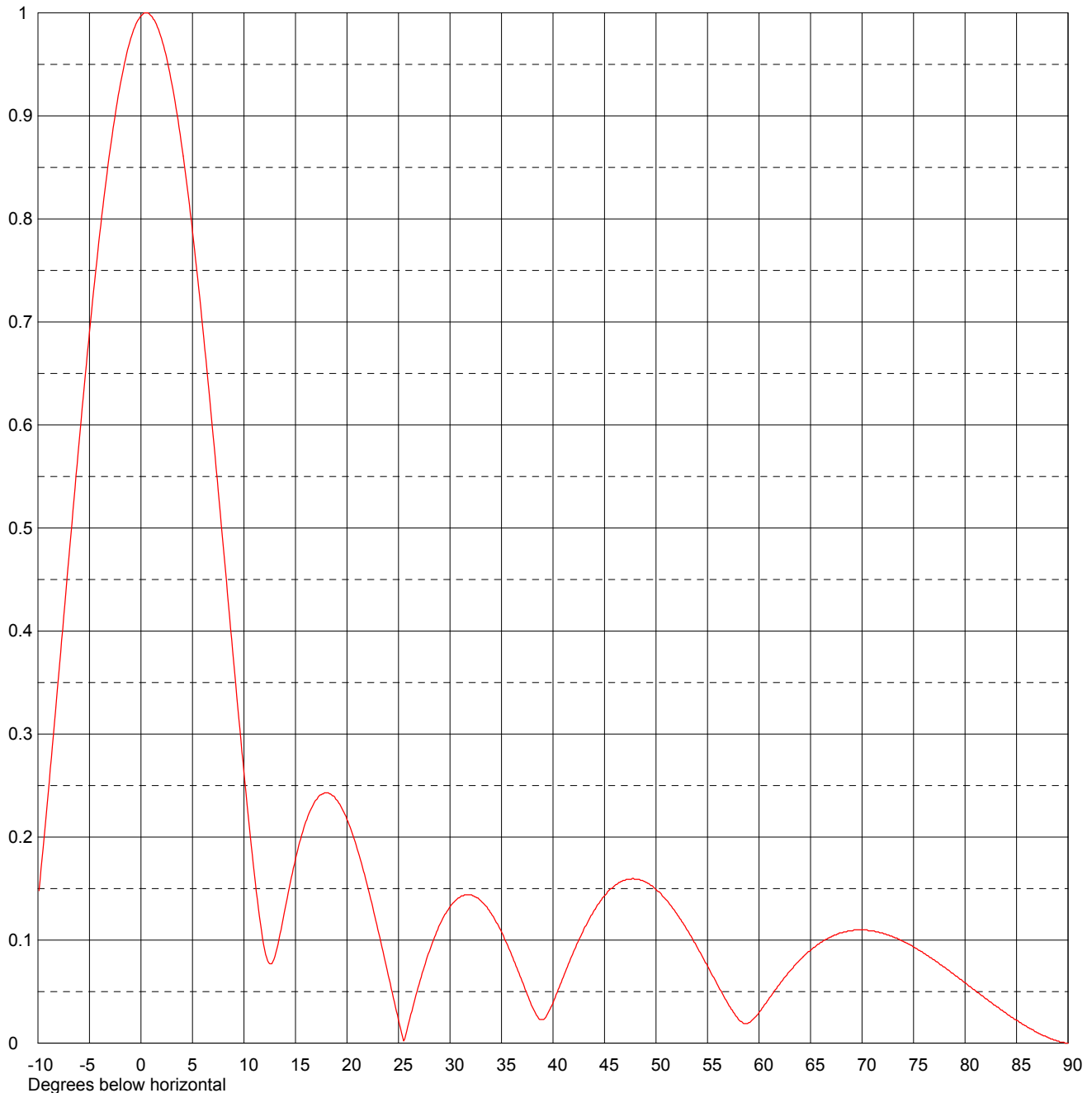
ELEVATION PATTERN

RMS Gain at Main Lobe
RMS Gain at Horizontal
Calculated / Measured

5.1 (7.08 dB)
5.1 (7.08 dB)
Calculated

Beam Tilt
Frequency
Drawing #

0.50 Degrees
57.00 MHz
05H051050-90



Remarks: Exhibit 6



Date	23 Aug 2002	
Call Letters	WCES-DT	Channel 2
Location	Wrens, GA	
Customer	GPTC	
Antenna Type	THA-C1-5/5-1	

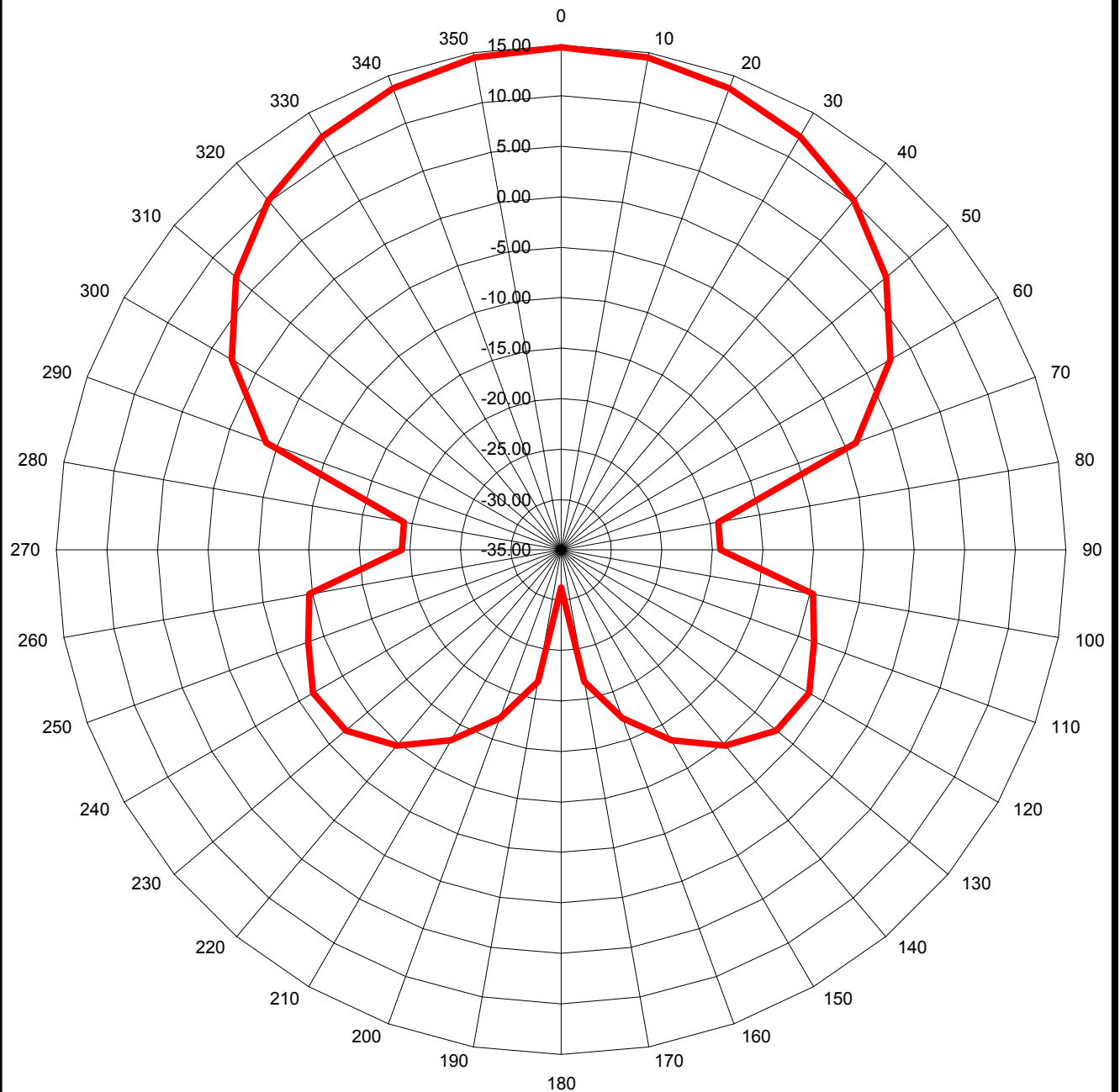
TABULATION OF ELEVATION PATTERN

Elevation Pattern Drawing # **05H051050-90**

Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field
-10.0	0.138	2.4	0.960	10.6	0.202	30.5	0.138	51.0	0.139	71.5	0.108
-9.5	0.189	2.6	0.951	10.8	0.183	31.0	0.142	51.5	0.133	72.0	0.107
-9.0	0.243	2.8	0.942	11.0	0.165	31.5	0.144	52.0	0.126	72.5	0.105
-8.5	0.299	3.0	0.931	11.5	0.123	32.0	0.144	52.5	0.118	73.0	0.103
-8.0	0.356	3.2	0.920	12.0	0.091	32.5	0.142	53.0	0.110	73.5	0.101
-7.5	0.414	3.4	0.908	12.5	0.077	33.0	0.138	53.5	0.102	74.0	0.099
-7.0	0.471	3.6	0.896	13.0	0.084	33.5	0.133	54.0	0.093	74.5	0.096
-6.5	0.528	3.8	0.882	13.5	0.106	34.0	0.126	54.5	0.084	75.0	0.093
-6.0	0.584	4.0	0.868	14.0	0.131	34.5	0.117	55.0	0.075	75.5	0.090
-5.5	0.638	4.2	0.853	14.5	0.156	35.0	0.108	55.5	0.065	76.0	0.087
-5.0	0.690	4.4	0.838	15.0	0.179	35.5	0.097	56.0	0.056	76.5	0.084
-4.5	0.739	4.6	0.822	15.5	0.198	36.0	0.085	56.5	0.047	77.0	0.081
-4.0	0.786	4.8	0.805	16.0	0.215	36.5	0.073	57.0	0.038	77.5	0.077
-3.5	0.828	5.0	0.788	16.5	0.227	37.0	0.060	57.5	0.030	78.0	0.074
-3.0	0.867	5.2	0.770	17.0	0.236	37.5	0.047	58.0	0.023	78.5	0.070
-2.8	0.881	5.4	0.752	17.5	0.241	38.0	0.035	58.5	0.019	79.0	0.066
-2.6	0.895	5.6	0.733	18.0	0.243	38.5	0.026	59.0	0.020	79.5	0.062
-2.4	0.908	5.8	0.714	18.5	0.241	39.0	0.023	59.5	0.024	80.0	0.059
-2.2	0.920	6.0	0.694	19.0	0.236	39.5	0.029	60.0	0.030	80.5	0.055
-2.0	0.931	6.2	0.674	19.5	0.228	40.0	0.039	60.5	0.037	81.0	0.051
-1.8	0.941	6.4	0.654	20.0	0.217	40.5	0.052	61.0	0.044	81.5	0.047
-1.6	0.951	6.6	0.633	20.5	0.204	41.0	0.064	61.5	0.051	82.0	0.043
-1.4	0.960	6.8	0.612	21.0	0.188	41.5	0.077	62.0	0.057	82.5	0.040
-1.2	0.968	7.0	0.590	21.5	0.171	42.0	0.089	62.5	0.064	83.0	0.036
-1.0	0.975	7.2	0.569	22.0	0.152	42.5	0.100	63.0	0.070	83.5	0.032
-0.8	0.981	7.4	0.547	22.5	0.132	43.0	0.111	63.5	0.076	84.0	0.029
-0.6	0.986	7.6	0.525	23.0	0.110	43.5	0.120	64.0	0.081	84.5	0.025
-0.4	0.991	7.8	0.503	23.5	0.089	44.0	0.129	64.5	0.086	85.0	0.022
-0.2	0.994	8.0	0.481	24.0	0.066	44.5	0.136	65.0	0.090	85.5	0.019
0.0	0.997	8.2	0.459	24.5	0.044	45.0	0.143	65.5	0.094	86.0	0.016
0.2	0.999	8.4	0.436	25.0	0.022	45.5	0.149	66.0	0.098	86.5	0.013
0.4	1.000	8.6	0.414	25.5	0.002	46.0	0.153	66.5	0.101	87.0	0.010
0.6	1.000	8.8	0.392	26.0	0.020	46.5	0.156	67.0	0.103	87.5	0.008
0.8	0.999	9.0	0.370	26.5	0.039	47.0	0.158	67.5	0.105	88.0	0.006
1.0	0.997	9.2	0.348	27.0	0.057	47.5	0.159	68.0	0.107	88.5	0.004
1.2	0.994	9.4	0.326	27.5	0.074	48.0	0.159	68.5	0.108	89.0	0.002
1.4	0.991	9.6	0.305	28.0	0.089	48.5	0.158	69.0	0.109	89.5	0.001
1.6	0.986	9.8	0.283	28.5	0.103	49.0	0.156	69.5	0.110	90.0	0.000
1.8	0.981	10.0	0.262	29.0	0.115	49.5	0.153	70.0	0.110		
2.0	0.975	10.2	0.242	29.5	0.125	50.0	0.149	70.5	0.110		
2.2	0.968	10.4	0.222	30.0	0.132	50.5	0.145	71.0	0.109		

Remarks: Exhibit 7

ERP - dBk



DIELECTRIC MODEL THA-C1-5/5-1
DIRECTIONAL ANTENNA (CARDIOID)
BEAM ORIENTED AT N25°E (*NOT SHOWN*)
0.5 DEGREES ELECTRICAL BEAM TILT
MAXIMUM ANTENNA GAIN IN BEAM MAXIMUM 14.31 dB

KESSLER & GEHMAN
TELECOMMUNICATIONS CONSULTING ENGINEERS
507 N.W. 60th Street, Suite C
Gainesville, Florida 32607

WCES-DT CHANNEL 2
WRENS, GEORGIA

20020823

EXHIBIT 8

WCES-DT CHANNEL 2

WRENS, GEORGIA

TABULATION OF RELATIVE FIELDS FOR PROPOSED DIRECTIONAL ANTENNA

<u>AZIMUTH</u>	<u>RELATIVE FIELD</u>	<u>AZIMUTH</u>	<u>RELATIVE FIELD</u>
N000°E	1.000	N180°E	0.005
N010°E	0.970	N190°E	0.015
N020°E	0.883	N200°E	0.025
N030°E	0.750	N210°E	0.040
N040°E	0.586	N220°E	0.060
N050°E	0.412	N230°E	0.080
N060°E	0.249	N240°E	0.085
N070°E	0.116	N250°E	0.070
N080°E	0.020	N260°E	0.060
N090°E	0.020	N270°E	0.020
N100°E	0.060	N280°E	0.020
N110°E	0.070	N290°E	0.116
N120°E	0.085	N300°E	0.249
N130°E	0.080	N310°E	0.412
N140°E	0.060	N320°E	0.586
N150°E	0.040	N330°E	0.750
N160°E	0.025	N340°E	0.883
N170°E	0.015	N350°E	0.970

MINIMUM OF 0.005 AT N180°E

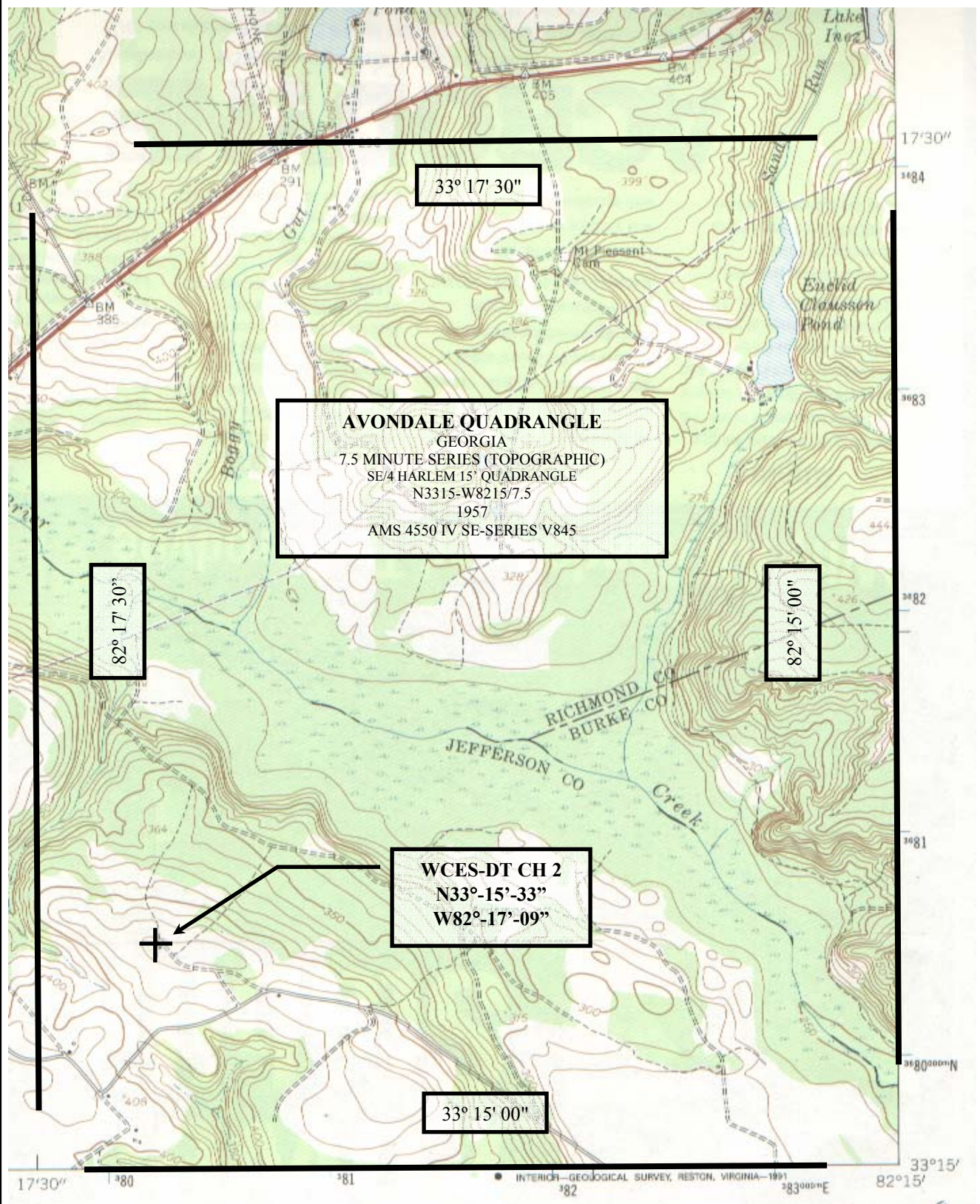
MAXIMA OF 1.000 AT N000°E

KESSLER & GEHMAN
TELECOMMUNICATIONS CONSULTING ENGINEERS
507 N.W. 60th Street, Suite C
Gainesville, Florida 32607

WCES-DT CHANNEL 2
WRENS, GEORGIA

20020823

EXHIBIT 9



KESSLER & GEHMAN
TELECOMMUNICATIONS CONSULTING ENGINEERS
507 N.W. 60th Street, Suite C
Gainesville, Florida 32607

WCES-DT CHANNEL 2

WRENS, GEORGIA

20020823

EXHIBIT 10

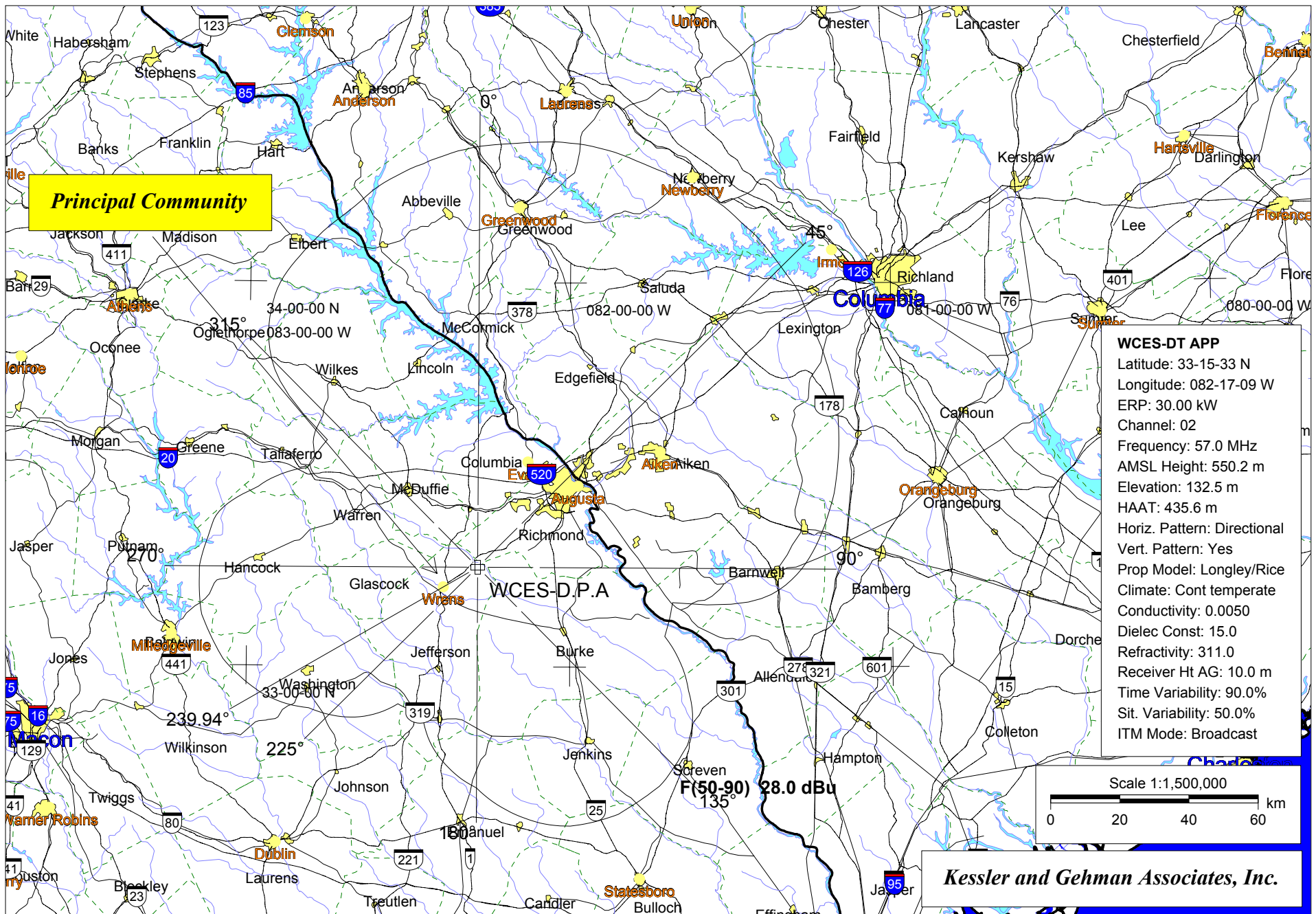


Exhibit 11

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 08-23-2002 Time: 16:37:19

Record Selected for Analysis

WCES-D.P CUR -PROPOSED Wrens GA US
 Channel 02 ERP 30.0 kW HAAT 00435 m RCAMSL 00550 m
 Latitude 033-15-33 Longitude 0082-17- 9
 Status APR Zone Border
 Dir Antenna Make CDB Model 000000000000001 Beam tilt N Ref Azimuth 0.0
 Last update 00000000 Cutoff date 00000000 Docket
 Comments
 Applicant

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 2 ERP = 30.00 HAAT = 435.

Azimuth (Deg)	ERP (kW)	HAAT (m)	28.0 dBu F(50,90) (km)
0.0	20.221	425.8	121.5
45.0	23.074	427.3	123.2
90.0	0.951	438.3	93.6
135.0	0.158	455.2	80.9
180.0	0.027	439.9	63.7
225.0	0.019	436.3	60.4
270.0	0.192	422.5	80.5
315.0	0.294	435.9	84.7

Evaluation toward Class A Stations

No Spacing violations or contour overlap to Class A stations

Class A Evaluation Complete

SPACING VIOLATION FOUND BETWEEN STATION

WCES-D.P 02 Wrens GA CUR PROPOSED

and station

SHORT TO: WSB-TV 02 ATLANTA GA BLCT 19840823KE
 033-45-51 0084-21-42
 Req. separation 273.6 Actual separation 200.8 Short 72.8 km

SHORT TO: WCBD-TV 02 CHARLESTON SC BLCT 19870129KS
 032-56-24 0079-41-45
 Req. separation 273.6 Actual separation 244.4 Short 29.2 km

Proposed facility OK to FCC Monitoring Stations

Proposed facility OK toward West Virginia quite zone

Proposed facility OK toward Table Mountain

Proposed facility is beyond the Canadian coordination distance

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	
02	WCES-D.P	Wrens GA	CUR	PROPOSED

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
02	WTWC-DT	TALLAHASSEE FL	327.7	CP MOD	BMPCDT	-20011128ACT
02	WTWC-DT	TALLAHASSEE FL	349.4	PLN	DTVPLN	-DTVP0003
02	WSB-TV	ATLANTA GA	200.4	LIC	BLCT	-19840823KE
02	WFMY-TV	GREENSBORO NC	366.5	LIC	BLCT	-20020418AAB
02	WCBD-TV	CHARLESTON SC	243.8	LIC	BLCT	-19870129KS
02	WSJK	SNEEDVILLE TN	356.5	LIC	BMLET	-19840627KG
03	WSAV-TV	SAVANNAH GA	162.2	LIC	BLCT	-2513

%%%

Analysis of Interference to Affected Station 1

DTV Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
02	WTWC-DT	TALLAHASSEE FL	DTVPLN	-DTVP0003

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
02	WDIQ	DOZIER AL	231.7	PLN	DTVPLN	-NPLN0152
02	WESH	DAYTONA BEACH FL	336.1	PLN	DTVPLN	-NPLN0158
02	WSBT	ATLANTA GA	353.4	PLN	DTVPLN	-NPLN0160
03	WRBL	COLUMBUS GA	199.8	PLN	DTVPLN	-NPLN0219

Results for: 2A FL TALLAHASSEE DTVPLN DTVP0003 PLN
 HAAT 268.0 m, ATV ERP 1.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	384439	15929.1
not affected by terrain losses	384405	15917.1
lost to NTSC IX	5207	428.1
lost to additional IX by ATV	0	0.0
lost to ATV IX only	0	0.0
lost to all IX	5207	428.1

NTSC Baseline Analysis

Channel	Call	City/State	Application Ref. No.
40	WTWCTV	TALLAHASSEE FL	DTVPLN -NPLN1581

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
32	WFSU-DT	TALLAHASSEE FL	43.9	PLN	DTVPLN -DTVP0860
39	NEW	DOTHAN AL	129.8	PLN	DTVPLN -NPLN1555
40	WJSUTV	ANNISTON AL	364.8	PLN	DTVPLN -NPLN1575
40	WPAN-DT	FORT WALTON BEACH FL	264.8	PLN	DTVPLN -DTVP1117
40	WACX-DT	LEESBURG FL	336.9	PLN	DTVPLN -DTVP1118
40	WWSB	SARASOTA FL	382.5	PLN	DTVPLN -NPLN1580
40	WMGT-DT	MACON GA	249.1	PLN	DTVPLN -DTVP1119
42	WJHG-DT	PANAMA CITY FL	114.1	PLN	DTVPLN -DTVP1188
43	WGVP-DT	VALDOSTA GA	105.5	PLN	DTVPLN -DTVP1222
44	WGVP	VALDOSTA GA	105.5	PLN	DTVPLN -NPLN1657
48	WFUX-DT	LIVE OAK FL	117.5	PLN	DTVPLN -DTVP1386
55	WSSTTV	CORDELE GA	152.1	PLN	DTVPLN -NPLN1849

Results for: 40N FL TALLAHASSEE DTVPLN NPLN1581 PLN

	POPULATION	AREA (sq km)
within Noise Limited Contour	362413	13728.4
not affected by terrain losses	362411	13720.4
lost to NTSC IX	153	16.0
lost to additional IX by ATV	0	0.0
lost to all IX	153	16.0

Analysis of current record

Channel	Call	City/State	Application Ref. No.
02	WTWC-DT	TALLAHASSEE FL	BMPCDT -20011128ACT

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
02	WDIQ	DOZIER AL	249.9	LIC	BLET -406
02	WESH	DAYTONA BEACH FL	321.2	LIC	BMLCT -19890331KE
02	WSB-TV	ATLANTA GA	344.7	LIC	BLCT -19840823KE
03	WRBL	COLUMBUS GA	198.0	LIC	BLCT -1078
02	WCES-D.P Wrens	GA	327.7	APR	CUR -PROPOSED

Proposal causes no interference

#####

Analysis of Interference to Affected Station 2

Analysis of current record

Channel	Call	City/State	Application Ref. No.
02	WTWC-DT	TALLAHASSEE FL	DTVPLN -DTVP0003

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
02	WDIQ	DOZIER AL	231.7	LIC	BLET -406
02	WESH	DAYTONA BEACH FL	336.1	LIC	BMLCT -19890331KE
02	WSB-TV	ATLANTA GA	353.4	LIC	BLCT -19840823KE
03	WRBL	COLUMBUS GA	199.8	LIC	BLCT -1078
02	WCES-D.P	Wrens GA	349.4	APR	CUR -PROPOSED

Proposal causes no interference

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Analysis of Interference to Affected Station 3

NTSC Baseline Analysis

Channel	Call	City/State	Application Ref. No.
02	WSBT	ATLANTA GA	DTVPLN -NPLN0160

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
02	WDIQ	DOZIER AL	310.5	PLN	DTVPLN -NPLN0152
02	WTWC-DT	TALLAHASSEE FL	353.4	PLN	DTVPLN -DTVP0003
02	WKRNTV	NASHVILLE TN	339.1	PLN	DTVPLN -NPLN0196
02	WSJKTV	SNEEDVILLE TN	310.1	PLN	DTVPLN -NPLN0197
03	WRBL	COLUMBUS GA	164.8	PLN	DTVPLN -NPLN0219
03	WRCBT	CHATTANOOGA TN	178.1	PLN	DTVPLN -NPLN0258

Results for:	2N GA ATLANTA	DTVPLN	NPLN0160	PLN
		POPULATION	AREA (sq km)	
within Noise Limited Contour		3601259	35064.3	
not affected by terrain losses		3527365	32500.9	
lost to NTSC IX		136541	3644.2	
lost to additional IX by ATV		0	0.0	
lost to all IX		136541	3644.2	

Analysis of current record

Channel	Call	City/State	Application Ref. No.
02	WSB-TV	ATLANTA GA	BLCT -19840823KE

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
02	WDIQ	DOZIER AL	310.5	LIC	BLET -406
02	WTWC-DT	TALLAHASSEE FL	344.7	CP MOD	BMPCDT -20011128ACT
02	WTWC-DT	TALLAHASSEE FL	353.4	PLN	DTVPLN -DTVP0003
02	WKRNTV	NASHVILLE TN	339.1	LIC	BLCT -2466
02	WSJK	SNEEDVILLE TN	310.1	LIC	BMLET -19840627KG
03	WRBL	COLUMBUS GA	164.8	LIC	BLCT -1078
03	WRCB-TV	CHATTANOOGA TN	178.1	LIC	BLCT -19851113KH

02 WCES-D.P Wrens GA 200.4 APR CUR -PROPOSED

Total scenarios = 1

Result key: 1
Scenario 1 Affected station 3
Before Analysis

Results for: 2N GA ATLANTA	BLCT	19840823KE	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	3601259	35064.3	
not affected by terrain losses	3527365	32500.9	
lost to NTSC IX	136541	3644.2	
lost to additional IX by ATV	7267	273.2	
lost to all IX	143808	3917.5	

Potential Interferring Stations Included in above Scenario 1

2N AL DOZIER	BLET	406	LIC
2N TN NASHVILLE	BLCT	2466	LIC
2N TN SNEEDVILLE	BMLET	19840627KG	LIC
3N GA COLUMBUS	BLCT	1078	LIC
3N TN CHATTANOOGA	BLCT	19851113KH	LIC
2A FL TALLAHASSEE	BMPCDT	20011128ACT	CP

After Analysis

Results for: 2N GA ATLANTA	BLCT	19840823KE	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	3601259	35064.3	
not affected by terrain losses	3527365	32500.9	
lost to NTSC IX	136541	3644.2	
lost to additional IX by ATV	17234	795.5	
lost to all IX	153775	4439.8	

Potential Interferring Stations Included in above Scenario 1

2N AL DOZIER	BLET	406	LIC
2N TN NASHVILLE	BLCT	2466	LIC
2N TN SNEEDVILLE	BMLET	19840627KG	LIC
3N GA COLUMBUS	BLCT	1078	LIC
3N TN CHATTANOOGA	BLCT	19851113KH	LIC
2A FL TALLAHASSEE	BMPCDT	20011128ACT	CP
2A GA Wrens	CUR	PROPOSED	APR

*Percent new DTV interference without proposal:	0.2	BLCT	19840823KE
*Percent new DTV interference with proposal:	0.5	BLCT	19840823KE

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Analysis of Interference to Affected Station 4

NTSC Baseline Analysis

Channel	Call	City/State	Application Ref. No.
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02 WFMYTV GREENSBORO NC DTVPLN -NPLN0179

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
02	WUNDTV	COLUMBIA NC	314.5	PLN	DTVPLN	-NPLN0178
02	WCBDTV	CHARLESTON SC	326.0	PLN	DTVPLN	-NPLN0194
02	WSJKTV	SNEEDVILLE TN	305.1	PLN	DTVPLN	-NPLN0197
03	WBTV	CHARLOTTE NC	134.1	PLN	DTVPLN	-NPLN0240
03	WBRA-DT	ROANOKE VA	150.0	PLN	DTVPLN	-DTVP0012

Results for:	2N NC GREENSBORO	DTVPLN	NPLN0179	PLN
		POPULATION	AREA (sq km)	
	within Noise Limited Contour	3799757	49439.0	
	not affected by terrain losses	3656648	47125.0	
	lost to NTSC IX	1214360	10473.6	
	lost to additional IX by ATV	830	12.1	
	lost to all IX	1215190	10485.6	

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
02	WFMY-TV	GREENSBORO NC	BLCT	-20020418AAB

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
02	WUND-TV	COLUMBIA NC	314.7	LIC	BLET	-20000614ACB
02	WCB-D-TV	CHARLESTON SC	326.0	LIC	BLCT	-19870129KS
02	WSJK	SNEEDVILLE TN	305.1	LIC	BMLET	-19840627KG
03	WBTV	CHARLOTTE NC	134.1	LIC	BLCT	-19980227KI
03	WBRA-DT	ROANOKE VA	150.0	CP MOD	BMPEDT	-20010423AFN
03	WBRA-DT	ROANOKE VA	150.0	PLN	DTVPLN	-DTVP0012
02	WCES-D.P	Wrens GA	366.5	APR	CUR	-PROPOSED

Total scenarios = 2

Result key: 2
Scenario 1 Affected station 4
Before Analysis

Results for:	2N NC GREENSBORO	BLCT	20020418AAB	LIC
		POPULATION	AREA (sq km)	
	within Noise Limited Contour	3737695	48716.2	
	not affected by terrain losses	3602825	46406.1	
	lost to NTSC IX	1157778	10240.6	
	lost to additional IX by ATV	4122	120.5	
	lost to all IX	1161900	10361.1	

Potential Interferring Stations Included in above Scenario 1

2N NC COLUMBIA	BLET	20000614ACB	LIC
2N SC CHARLESTON	BLCT	19870129KS	LIC
2N TN SNEEDVILLE	BMLET	19840627KG	LIC
3N NC CHARLOTTE	BLCT	19980227KI	LIC
3A VA ROANOKE	BMPEDT	20010423AFN	CP

After Analysis

Results for:	2N NC GREENSBORO	BLCT	20020418AAB	LIC
		POPULATION	AREA (sq km)	
	within Noise Limited Contour	3737695	48716.2	
	not affected by terrain losses	3602825	46406.1	
	lost to NTSC IX	1157778	10240.6	
	lost to additional IX by ATV	5773	208.9	
	lost to all IX	1163551	10449.5	

Potential Interferring Stations Included in above Scenario 1

2N NC COLUMBIA	BLET	20000614ACB	LIC	
2N SC CHARLESTON	BLCT	19870129KS	LIC	
2N TN SNEEDVILLE	BMLET	19840627KG	LIC	
3N NC CHARLOTTE	BLCT	19980227KI	LIC	
3A VA ROANOKE	BMPEDT	20010423AFN	CP	
2A GA Wrens	CUR	PROPOSED	APR	
*Percent new DTV interference without proposal:		0.1	BLCT	20020418AAB
*Percent new DTV interference with proposal:		0.2	BLCT	20020418AAB

Result key: 3
Scenario 2 Affected station 4
Before Analysis

Results for:	2N NC GREENSBORO	BLCT	20020418AAB	LIC
		POPULATION	AREA (sq km)	
	within Noise Limited Contour	3737695	48716.2	
	not affected by terrain losses	3602825	46406.1	
	lost to NTSC IX	1157778	10240.6	
	lost to additional IX by ATV	830	12.1	
	lost to all IX	1158608	10252.7	

Potential Interferring Stations Included in above Scenario 2

2N NC COLUMBIA	BLET	20000614ACB	LIC
2N SC CHARLESTON	BLCT	19870129KS	LIC
2N TN SNEEDVILLE	BMLET	19840627KG	LIC
3N NC CHARLOTTE	BLCT	19980227KI	LIC
3A VA ROANOKE	DTVPLN	DTVP0012	PLN

After Analysis

Results for:	2N NC GREENSBORO	BLCT	20020418AAB	LIC
		POPULATION	AREA (sq km)	
	within Noise Limited Contour	3737695	48716.2	
	not affected by terrain losses	3602825	46406.1	
	lost to NTSC IX	1157778	10240.6	
	lost to additional IX by ATV	2481	100.4	
	lost to all IX	1160259	10341.0	

Potential Interferring Stations Included in above Scenario 2

2N NC COLUMBIA	BLET	20000614ACB	LIC
2N SC CHARLESTON	BLCT	19870129KS	LIC
2N TN SNEEDVILLE	BMLET	19840627KG	LIC

3N NC CHARLOTTE	BLCT	19980227KI	LIC	
3A VA ROANOKE	DTVPLN	DTVP0012	PLN	
2A GA Wrens	CUR	PROPOSED	APR	
*Percent new DTV interference without proposal:			0.0	BLCT 20020418AAB
*Percent new DTV interference with proposal:			0.1	BLCT 20020418AAB

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Analysis of Interference to Affected Station 5

NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
02	WCBDTV	CHARLESTON SC	DTVPLN	-NPLN0194

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
02	WFMYTV	GREENSBORO NC	326.0	PLN	DTVPLN	-NPLN0179
03	WSAVTV	SAVANNAH GA	179.4	PLN	DTVPLN	-NPLN0220
03	WWAY	WILMINGTON NC	192.5	PLN	DTVPLN	-NPLN0241

Results for:	2N SC CHARLESTON	DTVPLN	NPLN0194	PLN
		POPULATION	AREA (sq km)	
within Noise Limited Contour		995995	51181.6	
not affected by terrain losses		995978	51161.6	
lost to NTSC IX		176665	5269.5	
lost to additional IX by ATV		0	0.0	
lost to all IX		176665	5269.5	

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
02	WCBD-TV	CHARLESTON SC	BLCT	-19870129KS

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
02	WFMY-TV	GREENSBORO NC	326.0	LIC	BLCT	-20020418AAB
03	WSAV-TV	SAVANNAH GA	179.4	LIC	BLCT	-2513
03	WWAY	WILMINGTON NC	192.5	LIC	BLCT	-19850306KF
02	WCES-D.P Wrens	GA	243.8	APR	CUR	-PROPOSED

Total scenarios = 1

Result key: 4
Scenario 1 Affected station 5
Before Analysis

Results for:	2N SC CHARLESTON	BLCT	19870129KS	LIC
		POPULATION	AREA (sq km)	
within Noise Limited Contour		995995	51181.6	
not affected by terrain losses		995978	51161.6	
lost to NTSC IX		174889	5233.5	
lost to additional IX by ATV		0	0.0	

lost to all IX 174889 5233.5

Potential Interfering Stations Included in above Scenario 1

2N NC GREENSBORO	BLCT	20020418AAB	LIC
3N GA SAVANNAH	BLCT	2513	LIC
3N NC WILMINGTON	BLCT	19850306KF	LIC

After Analysis

Results for: 2N SC CHARLESTON	BLCT	19870129KS	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	995995	51181.6	
not affected by terrain losses	995978	51161.6	
lost to NTSC IX	174889	5233.5	
lost to additional IX by ATV	17296	872.9	
lost to all IX	192185	6106.4	

Potential Interfering Stations Included in above Scenario 1

2N NC GREENSBORO	BLCT	20020418AAB	LIC
3N GA SAVANNAH	BLCT	2513	LIC
3N NC WILMINGTON	BLCT	19850306KF	LIC
2A GA Wrens	CUR	PROPOSED	APR
*Percent new DTV interference without proposal:	0.0	BLCT	19870129KS
*Percent new DTV interference with proposal:	1.7	BLCT	19870129KS

#####

Analysis of Interference to Affected Station 6

NTSC Baseline Analysis

Channel	Call	City/State	Application Ref. No.
02	WSJKTV	SNEEDVILLE TN	DTVPLN -NPLN0197

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
02	WSBTv	ATLANTA GA	310.1	PLN	DTVPLN -NPLN0160
02	WFMYTV	GREENSBORO NC	305.1	PLN	DTVPLN -NPLN0179
02	WDTN	DAYTON OH	382.7	PLN	DTVPLN -NPLN0188
02	WKRNTV	NASHVILLE TN	329.4	PLN	DTVPLN -NPLN0196
03	WBTV	CHARLOTTE NC	212.1	PLN	DTVPLN -NPLN0240

Results for: 2N TN SNEEDVILLE	DTVPLN	NPLN0197	PLN
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2041250	48010.6	
not affected by terrain losses	1813466	41833.6	
lost to NTSC IX	154204	2982.7	
lost to additional IX by ATV	0	0.0	
lost to all IX	154204	2982.7	

Analysis of current record

Channel	Call	City/State	Application Ref. No.
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02 WSKJ SNEEDVILLE TN BMLET -19840627KG

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
02	WSB-TV	ATLANTA GA	310.1	LIC	BLCT	-19840823KE
02	WFMY-TV	GREENSBORO NC	305.1	LIC	BLCT	-20020418AAB
02	WDTN	DAYTON OH	382.7	LIC	BLCT	-19951207KF
02	WKRN-TV	NASHVILLE TN	329.4	LIC	BLCT	-2466
03	WBTV	CHARLOTTE NC	212.1	LIC	BLCT	-19980227KI
02	WCES-D.P	Wrens GA	356.5	APR	CUR	-PROPOSED

Total scenarios = 1

Result key: 5
 Scenario 1 Affected station 6
 Before Analysis

Results for:	2N TN SNEEDVILLE	BMLET	19840627KG	LIC
		POPULATION	AREA (sq km)	
	within Noise Limited Contour	2041250	48010.6	
	not affected by terrain losses	1813466	41833.6	
	lost to NTSC IX	154503	2990.7	
	lost to additional IX by ATV	0	0.0	
	lost to all IX	154503	2990.7	

Potential Interferring Stations Included in above Scenario 1

2N GA ATLANTA	BLCT	19840823KE	LIC
2N NC GREENSBORO	BLCT	20020418AAB	LIC
2N OH DAYTON	BLCT	19951207KF	LIC
2N TN NASHVILLE	BLCT	2466	LIC
3N NC CHARLOTTE	BLCT	19980227KI	LIC

After Analysis

Results for:	2N TN SNEEDVILLE	BMLET	19840627KG	LIC
		POPULATION	AREA (sq km)	
	within Noise Limited Contour	2041250	48010.6	
	not affected by terrain losses	1813466	41833.6	
	lost to NTSC IX	154503	2990.7	
	lost to additional IX by ATV	12530	123.8	
	lost to all IX	167033	3114.5	

Potential Interferring Stations Included in above Scenario 1

2N GA ATLANTA	BLCT	19840823KE	LIC
2N NC GREENSBORO	BLCT	20020418AAB	LIC
2N OH DAYTON	BLCT	19951207KF	LIC
2N TN NASHVILLE	BLCT	2466	LIC
3N NC CHARLOTTE	BLCT	19980227KI	LIC
2A GA Wrens	CUR	PROPOSED	APR

*Percent new DTV interference without proposal:	0.0	BMLET	19840627KG
*Percent new DTV interference with proposal:	0.6	BMLET	19840627KG

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Analysis of Interference to Affected Station 7

NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
03	WSAVTV	SAVANNAH GA	DTVPLN	-NPLN0220

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
02	WCBDTV	CHARLESTON SC	179.4	PLN	DTVPLN	-NPLN0194
03	WRBL	COLUMBUS GA	328.7	PLN	DTVPLN	-NPLN0219
03	WBTW	CHARLOTTE NC	367.5	PLN	DTVPLN	-NPLN0240
03	WWAY	WILMINGTON NC	370.1	PLN	DTVPLN	-NPLN0241
04	WJXT	JACKSONVILLE FL	200.0	PLN	DTVPLN	-NPLN0283
04	WCIV	CHARLESTON SC	178.2	PLN	DTVPLN	-NPLN0316

Results for:	3N GA SAVANNAH	DTVPLN	NPLN0220	PLN
		POPULATION	AREA (sq km)	
within Noise Limited Contour	739487	42161.8		
not affected by terrain losses	738866	42030.1		
lost to NTSC IX	84560	7335.6		
lost to additional IX by ATV	0	0.0		
lost to all IX	84560	7335.6		

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
03	WSAV-TV	SAVANNAH GA	BLCT	-2513

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
02	WCBT-TV	CHARLESTON SC	179.4	LIC	BLCT	-19870129KS
03	WRBL	COLUMBUS GA	328.7	LIC	BLCT	-1078
03	WBTW	CHARLOTTE NC	367.5	LIC	BLCT	-19980227KI
03	WWAY	WILMINGTON NC	370.1	LIC	BLCT	-19850306KF
04	WJXT	JACKSONVILLE FL	200.0	LIC	BLCT	-19860203KF
04	WMAZ-TV	MACON GA	225.6	APP	BPRM	-20000328ABQ
04	WMAZ-DT	MACON GA	225.6	CP MOD	BMPCDT	-20020418AAM
04	WCIV	CHARLESTON SC	178.2	LIC	BLCT	-19860923KG
02	WCES-D.P	Wrens GA	162.2	APR	CUR	-PROPOSED

Proposal causes no interference

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Analysis of Interference to Affected Station 8

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
02	WCES-D.P	Wrens GA	CUR	-PROPOSED

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
02	WTWC-DT	TALLAHASSEE FL	327.7	CP MOD	BMPCDT	-20011128ACT
02	WTWC-DT	TALLAHASSEE FL	349.4	PLN	DTVPLN	-DTVP0003
02	WSB-TV	ATLANTA GA	200.4	LIC	BLCT	-19840823KE
02	WFMY-TV	GREENSBORO NC	366.5	LIC	BLCT	-20020418AAB
02	WCBD-TV	CHARLESTON SC	243.8	LIC	BLCT	-19870129KS
02	WSJK	SNEEDVILLE TN	356.5	LIC	BMLET	-19840627KG
03	WSAV-TV	SAVANNAH GA	162.2	LIC	BLCT	-2513

Total scenarios = 1

Result key: 6
Scenario 1 Affected station 8
Before Analysis

Results for:	2A GA Wrens	CUR	PROPOSED	APR
HAAT	435.0 m, ATV ERP	30.0 kW		
		POPULATION	AREA (sq km)	
	within Noise Limited Contour	682478	25180.2	
	not affected by terrain losses	680747	25099.6	
	lost to NTSC IX	17516	1523.9	
	lost to additional IX by ATV	49	8.1	
	lost to ATV IX only	163	52.4	
	lost to all IX	17565	1531.9	

Potential Interferring Stations Included in above Scenario 1

2N GA ATLANTA	BLCT	19840823KE	LIC
2N NC GREENSBORO	BLCT	20020418AAB	LIC
2N SC CHARLESTON	BLCT	19870129KS	LIC
2N TN SNEEDVILLE	BMLET	19840627KG	LIC
2A FL TALLAHASSEE	BMPCDT	20011128ACT	CP
*Percent Service lost without proposal:	0.0	to CUR	PROPOSED
*Percent Service lost with proposal:	0.0	to CUR	PROPOSED

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