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 DTV CHANNEL 20 TO DTV CHANNEL 5 AS AUTHORIZED BY THE FCC IN A REPORT & ORDER RELEASED AUGUST 9, 2002 AND INCREAS ERP TO 3.8 KW.

The firm Kessler and Gehman Associates, Inc., 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 20 to DTV Channel 5 as authorized by the FCC in a Report and Order released on August 9, 2002 and to increase the ERP from 0.75 kW to 3.8 kW.

Discussion

The GPTC initially submitted a Petition for Rule Making (PFRM) to the FCC requesting to make a channel change to the DTV Table of Allotments. At the time of filing, Kessler and Gehman Associates determined that WABW-DT Channel 5 could operate with an ERP of 3.8 kW without causing unacceptable interference to any applicable surrounding stations. The problem we ran into was that, in accordance with the FCC rules, we could not file a waiver, requesting the use of Longley-Rice to protect a Class A station, along with a PFRM. Therefore, we concluded that the GPTC had to reduce the ERP down to 0.75 kW so that a waiver would not be necessary. It was decided that an application would be submitted, along with a waiver requesting the use of Longley-Rice, once the FCC approved the channel change requested in the PFRM so that the ERP could be increased from 0.75 kW to 3.8 kW. In order to comply with the FCC rules it was necessary to follow this two-step filing process.

On August 9th the FCC released a Report and Order stating that the public interest would be served by allotting DTV Channel *5 in lieu of DTV Channel *20. 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 *5 in lieu of DTV Channel *20 for station WABW-DT. Accordingly, we are filing a minor modification of construction permit application for Channel 5 along with a waiver requesting the use of Longley-Rice to show that the proposed ERP of 3.8 kW will cause less than 0.5% interference to the WJJN-CA Channel 5 Class A station.

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 Exhibits 12 and 13).

Exhibit 12 depicts the detailed Longley-Rice interference studies. As you can see, the proposed WABW-DT Channel 5 does not cause more than 2.0% interference to any station. This study also indicates that there is contour overlap between the proposed WABW-DT Channel 5 facility and the WJJN-LP Channel 5 Class A facility. Using the authorized alternate method, Longley-Rice, Exhibit 13 demonstrates that the proposed WABW-DT Channel 5 complies with the FCC Rules with respect to Class A protection. The Longley-Rice study (Exhibit 12) identified WKRG-TV Channel 5, WUFT-TV Channel 5, WAGA-TV Channel 5 and WCTV-TV Channel 6 as stations potentially affected by the proposed station. The Longley-Rice studies reveal that the proposed WABW-DT Channel 5 facility with an ERP of 3.8 kW

would cause only 1.4% predicted interference to WKRG-TV, 0.7% predicted interference to WUFT-TV, 0.3% predicted interference to WAGA-TV and 0.0% predicted interference to WCTV-TV. Therefore, the proposed WABW-DT Channel 5 facility complies with the FCC's de minimis standard for DTV.

Exhibit 13 is a detailed WJJN-CA Channel 5 Class A Longley-Rice study. This study was run to show that the proposed WABW-DT Channel 5 facility would cause less than 0.5% interference to the Class A facility. In support of a request for waiver of the interference protection requirements of §73.623(c)(5)(iii), an applicant for a DTV broadcast station may make full use of terrain shielding and Longley-Rice terrain dependent propagation methods to demonstrate that the proposed facility would not be likely to cause interference to Class A TV stations. As you can see by referring to Exhibit 13, page 12, the WJJN-CA Channel 5 facility is predicted to receive 0.0% interference from all surrounding stations, including the proposed WABW-DT Channel 5 station with an ERP of 3.8 kW. Therefore, the proposed WABW-DT Channel 5 facility complies with the FCC's rules with respect to Class A station protection.

Exhibits

Exhibits 1 and 2 represent WABW-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 WABW-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 WABW-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 with respect to NTSC and DTV station protection.

Exhibit 13 (12 pages) contains detailed Longley-Rice interference studies with respect to Class A LPTV (WJJN-LP) protection.

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 3.8 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 0.0007 mW/cm^2. This is only 0.069% of the maximum permissible exposure (MPE) authorized by the American National Standards Institute (ANSI). Since the proposed operation of WABW-DT Channel 5 will not exceed 5.0% of the MPE limit for population/uncontrolled at any point on the ground, WABW-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.

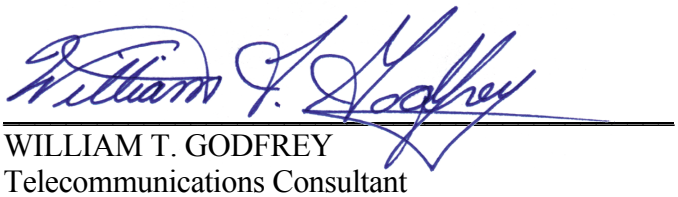
Certification

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.

KGA

KESSLER AND GEHMAN ASSOCIATES, INC.



WILLIAM T. GODFREY
Telecommunications Consultant

20 August, 2002

WABW-DT
PELHAM, GA

ENGINEERING SPECIFICATIONS

A. ***Transmitter Site:***
Geographic coordinates determined by licensed surveyor (NAD 27):

North Latitude	**30° 40' 13"**
West Longitude	**83° 56' 26"**

Transmitter Site Address: **30 Roddenberry Rd, 3.5 miles SW of Metcalf, GA**

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

C. ***Proposed Facility:***

DTV Channel	Number	**5**
	Frequency	**76 - 82 MHz**

D. ***Antenna Height:***

Height of Site Above Mean Sea Level (AMSL)	**67.6 M**
Overall Height of Structure Above Ground (including all appurtenances)	**609.6 M**
Overall Height of Structure Above Mean Sea Level (including all appurtenances)	**677.2 M**
Height of Site Above Average Terrain	**17.2 M**
Antenna Height Radiation Center (R/C) Above Ground	**457.2 M**
Antenna Height R/C Above Mean Sea Level	**524.8 M**
Average of All Non-Odd Radials	**50.4 M**
Antenna Height R/C Above Average Terrain	**474.4 M**

E. ***System Parameters – Horizontal Polarization:***

Transmitter Power Required	**0.69 kW**
Maximum Power Input to Antenna	**0.44 kW**
Total System Loss	**2.02 dB**
Transmission Line Efficiency	**62.8%**
Maximum Antenna Gain in Beam Maximum	**9.40 dB**
Maximum Antenna Gain in Horizontal Plane	**9.34 dB**
Maximum Effective Radiated Power	**5.80 dBk**
In Beam Maximum	**3.8 kW**
Maximum Effective Radiated Power	**5.74 dBk**
In Horizontal Plane	**3.75 kW**

WABW-DT
PELHAM, GA

DATA FOR PROPOSED DTV DIRECTIONAL TRANSMITTING ANTENNA

A. ***Antenna:*** Dielectric THA-C3-5/15-1, Horizontally Polarized, Directional (Cardioid N305°E), Side-mount Antenna.

B. ***Electrical Beam Tilt:*** 0.5°

C. ***Mechanical Beam Tilt:*** 0.0°

D. ***Maximum Power Gain*** **Horizontal Polarization**

Maximum:	8.71 (9.40 dB)
Horizontal:	8.59 (9.34 dB)

E. ***Length:*** 66.0 feet (20.1 meters) not including appurtenances.

F. ***Average Power DTV:*** 0.69 kW

G. ***Null Fill:*** 7.7%

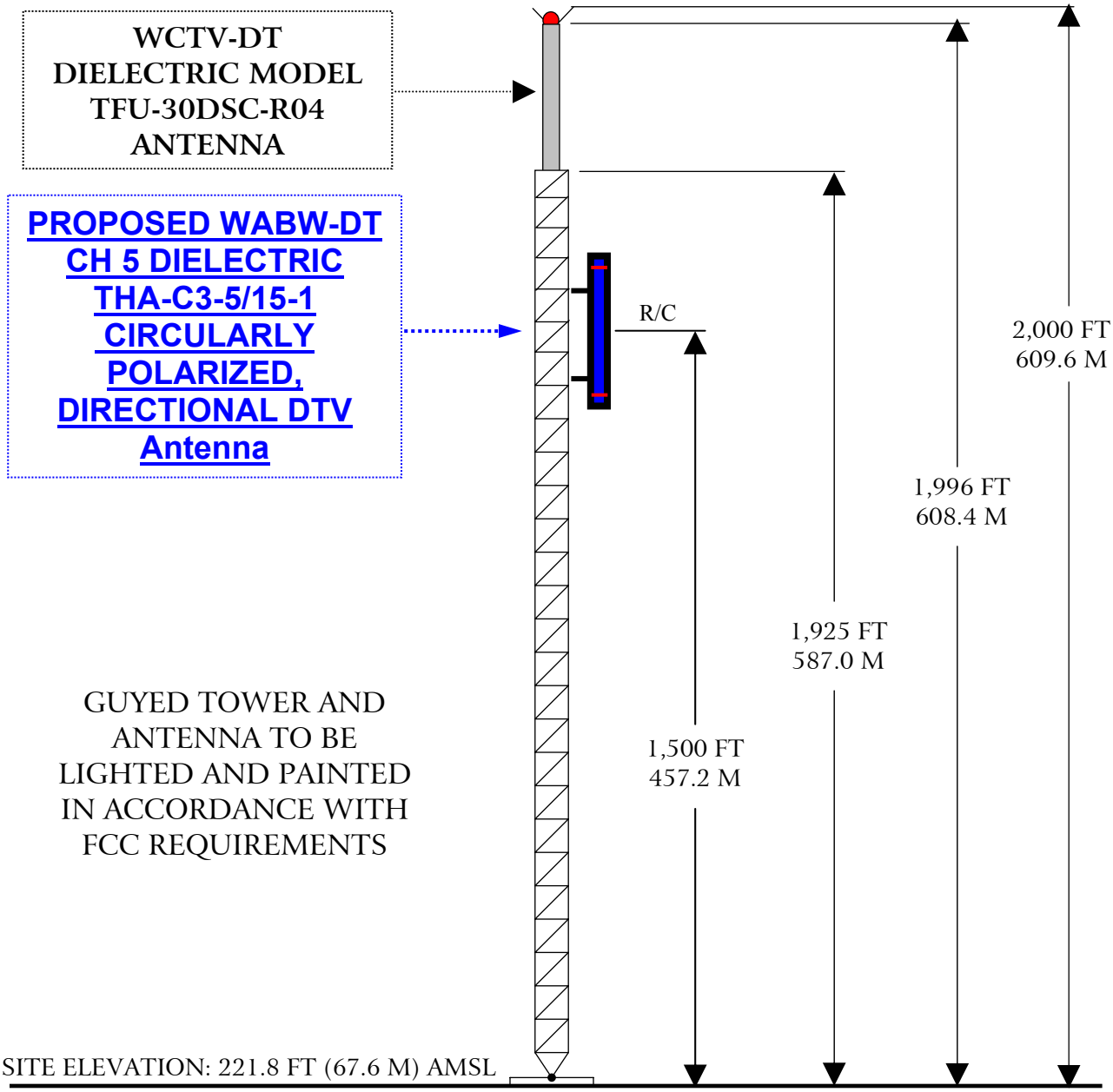
H. ***Transmission Line:*** 3" 50-ohm Heliax.

I. ***Transmission Line Loss:*** 0.127dB/100-feet

J. ***Total Transmission Line:*** 1,590 feet

K. ***Transmission Line Attenuation:*** 2.02 dB

ELEVATION VIEW



OVERALL HEIGHT AGL:	609.6 M
OVERALL HEIGHT AMSL:	677.2 M
RADIATION CENTER AGL:	457.2 M
RADIATION CENTER AMSL:	524.8 M
RADIATION CENTER AAT	474.4 M
AVERAGE TERRAIN:	50.4 M

COORDINATES:

N. LATITUDE 30 º 40 ' 13 "

W. LONGITUDE 83 º 56 ' 26 "

Antenna Structure Registration Number:
1019981

NOTE: NOT TO SCALE

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

WABW-DT

PELHAM, GEORGIA

20020815 EXHIBIT 3

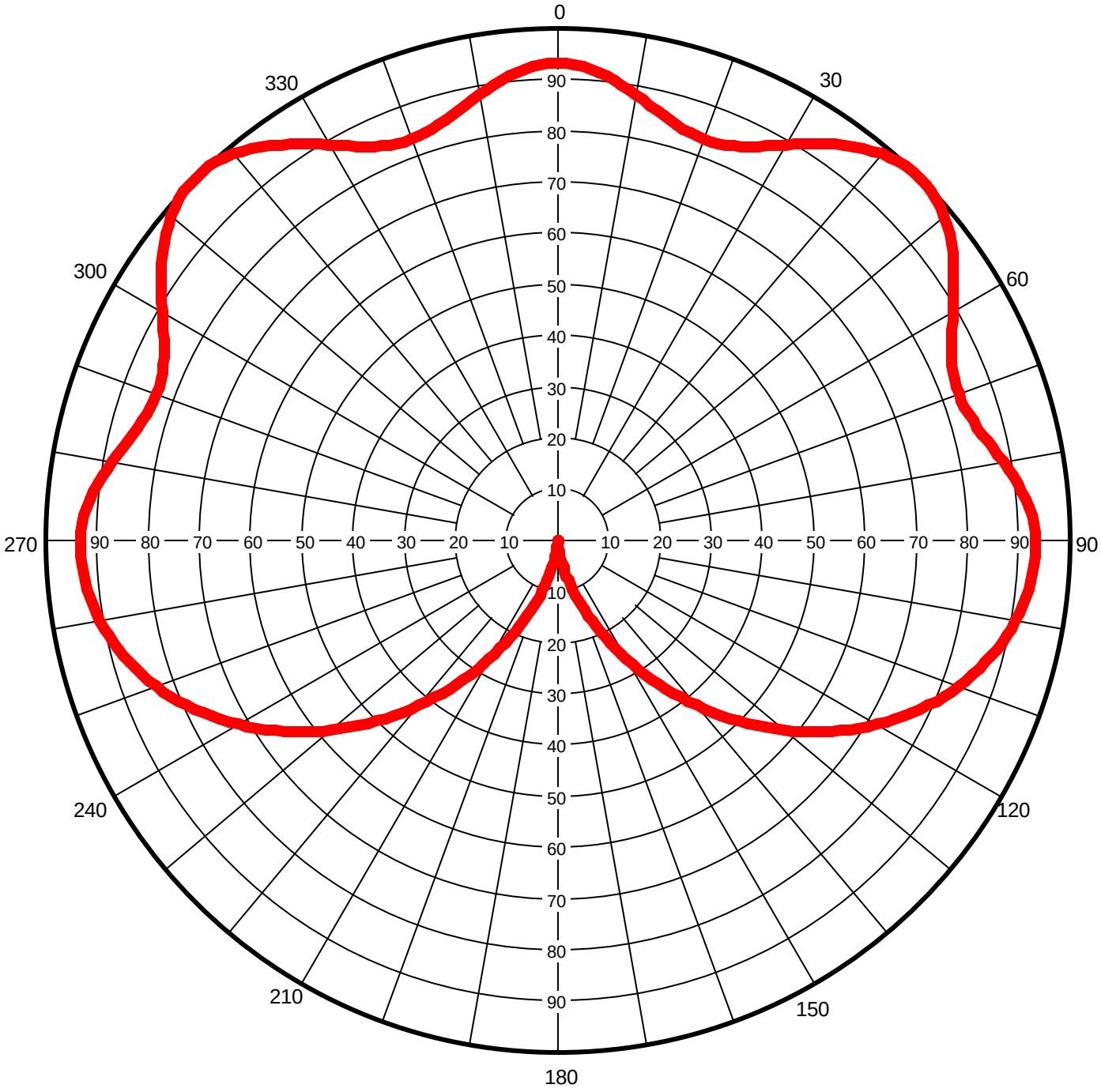
Exhibit No.
Exhibit 4

Dielectric

Date	**15 Aug 2002**		
Call Letters	**WABW-DT**	Channel	**5**
Location	**Thomasville**		
Customer	**GPTC**		
Antenna Type	**THA-C3-5/15-1**		

AZIMUTH PATTERN

RMS Gain at Main Lobe	**1.70 (2.30 dB)**	Frequency	**79 MHz**
Calculated / Measured	**Calculated**	Drawing #	**THA-C3**



Remarks: Exhibit 4

Exhibit No.
Exhibit 5

Dielectric

Date	**15 Aug 2002**		
Call Letters	**WABW-DT**	Channel	**5**
Location	**Thomasville**		
Customer	**GPTC**		
Antenna Type	**THA-C3-5/15-1**		

TABULATION OF AZIMUTH PATTERN

Azimuth Pattern Drawing # **THA-C3**

Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field
0	0.933	45	1.000	90	0.933	135	0.500	180	0.000	225	0.500	270	0.933	315	1.000
1	0.932	46	0.999	91	0.933	136	0.484	181	0.001	226	0.516	271	0.932	316	0.999
2	0.930	47	0.997	92	0.932	137	0.469	182	0.002	227	0.531	272	0.930	317	0.997
3	0.927	48	0.994	93	0.931	138	0.453	183	0.005	228	0.547	273	0.927	318	0.994
4	0.922	49	0.990	94	0.929	139	0.437	184	0.008	229	0.562	274	0.922	319	0.990
5	0.917	50	0.984	95	0.927	140	0.421	185	0.012	230	0.578	275	0.917	320	0.984
6	0.911	51	0.978	96	0.924	141	0.405	186	0.016	231	0.593	276	0.911	321	0.978
7	0.905	52	0.970	97	0.921	142	0.390	187	0.021	232	0.608	277	0.905	322	0.970
8	0.898	53	0.962	98	0.917	143	0.374	188	0.027	233	0.623	278	0.898	323	0.962
9	0.891	54	0.953	99	0.913	144	0.359	189	0.033	234	0.637	279	0.891	324	0.953
10	0.883	55	0.943	100	0.908	145	0.343	190	0.040	235	0.652	280	0.883	325	0.943
11	0.876	56	0.933	101	0.902	146	0.328	191	0.047	236	0.666	281	0.876	326	0.933
12	0.868	57	0.923	102	0.897	147	0.313	192	0.055	237	0.680	282	0.868	327	0.923
13	0.861	58	0.912	103	0.890	148	0.298	193	0.064	238	0.694	283	0.861	328	0.912
14	0.855	59	0.901	104	0.884	149	0.283	194	0.073	239	0.707	284	0.855	329	0.901
15	0.849	60	0.891	105	0.877	150	0.268	195	0.082	240	0.720	285	0.849	330	0.891
16	0.844	61	0.881	106	0.869	151	0.254	196	0.092	241	0.733	286	0.844	331	0.881
17	0.839	62	0.872	107	0.861	152	0.239	197	0.102	242	0.746	287	0.839	332	0.872
18	0.836	63	0.863	108	0.852	153	0.225	198	0.113	243	0.758	288	0.836	333	0.863
19	0.834	64	0.856	109	0.844	154	0.212	199	0.124	244	0.770	289	0.834	334	0.856
20	0.833	65	0.849	110	0.834	155	0.198	200	0.135	245	0.782	290	0.833	335	0.849
21	0.834	66	0.843	111	0.825	156	0.185	201	0.147	246	0.793	291	0.834	336	0.843
22	0.836	67	0.839	112	0.814	157	0.172	202	0.159	247	0.804	292	0.836	337	0.839
23	0.839	68	0.836	113	0.804	158	0.159	203	0.172	248	0.814	293	0.839	338	0.836
24	0.843	69	0.834	114	0.793	159	0.147	204	0.185	249	0.825	294	0.843	339	0.834
25	0.849	70	0.833	115	0.782	160	0.135	205	0.198	250	0.834	295	0.849	340	0.833
26	0.856	71	0.834	116	0.770	161	0.124	206	0.212	251	0.844	296	0.856	341	0.834
27	0.863	72	0.836	117	0.758	162	0.113	207	0.225	252	0.852	297	0.863	342	0.836
28	0.872	73	0.839	118	0.746	163	0.102	208	0.239	253	0.861	298	0.872	343	0.839
29	0.881	74	0.844	119	0.733	164	0.092	209	0.254	254	0.869	299	0.881	344	0.844
30	0.891	75	0.849	120	0.720	165	0.082	210	0.268	255	0.877	300	0.891	345	0.849
31	0.901	76	0.855	121	0.707	166	0.073	211	0.283	256	0.884	301	0.901	346	0.855
32	0.912	77	0.861	122	0.694	167	0.064	212	0.298	257	0.890	302	0.912	347	0.861
33	0.923	78	0.868	123	0.680	168	0.055	213	0.313	258	0.897	303	0.923	348	0.868
34	0.933	79	0.876	124	0.666	169	0.047	214	0.328	259	0.902	304	0.933	349	0.876
35	0.943	80	0.883	125	0.652	170	0.040	215	0.343	260	0.908	305	0.943	350	0.883
36	0.953	81	0.891	126	0.637	171	0.033	216	0.359	261	0.913	306	0.953	351	0.891
37	0.962	82	0.898	127	0.623	172	0.027	217	0.374	262	0.917	307	0.962	352	0.898
38	0.970	83	0.905	128	0.608	173	0.021	218	0.390	263	0.921	308	0.970	353	0.905
39	0.978	84	0.911	129	0.593	174	0.016	219	0.405	264	0.924	309	0.978	354	0.911
40	0.984	85	0.917	130	0.578	175	0.012	220	0.421	265	0.927	310	0.984	355	0.917
41	0.990	86	0.922	131	0.562	176	0.008	221	0.437	266	0.929	311	0.990	356	0.922
42	0.994	87	0.927	132	0.547	177	0.005	222	0.453	267	0.931	312	0.994	357	0.927
43	0.997	88	0.930	133	0.531	178	0.002	223	0.469	268	0.932	313	0.997	358	0.930
44	0.999	89	0.932	134	0.516	179	0.001	224	0.484	269	0.933	314	0.999	359	0.932

Remarks: Exhibit 5

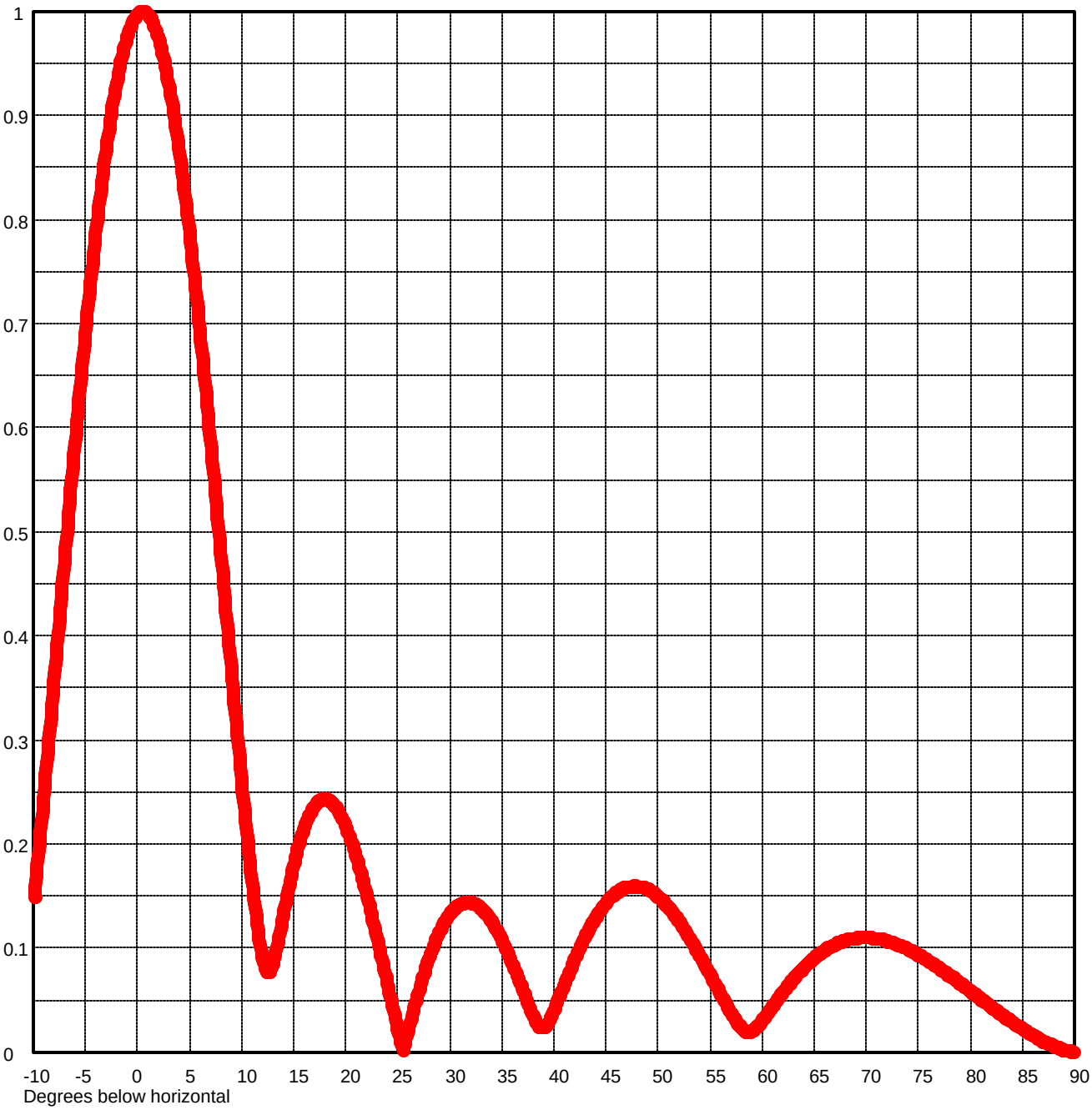
Exhibit No.
Exhibit 6

Dielectric

Date	**15 Aug 2002**		
Call Letters	**WABW-DT**	Channel	**5**
Location	**Thomasville**		
Customer	**GPTC**		
Antenna Type	**THA-C3-5/15-1**		

ELEVATION PATTERN

RMS Gain at Main Lobe	**5.1 (7.08 dB)**	Beam Tilt	**0.50 Degrees**
RMS Gain at Horizontal	**5.1 (7.08 dB)**	Frequency	**79.00 MHz**
Calculated / Measured	**Calculated**	Drawing #	**05H051050-90**



Remarks: Exhibit 6

Exhibit No.
Exhibit 7

Dielectric

Date	**15 Aug 2002**		
Call Letters	**WABW-DT**	Channel	**5**
Location	**Thomasville**		
Customer	**GPTC**		
Antenna Type	**THA-C3-5/15-1**		

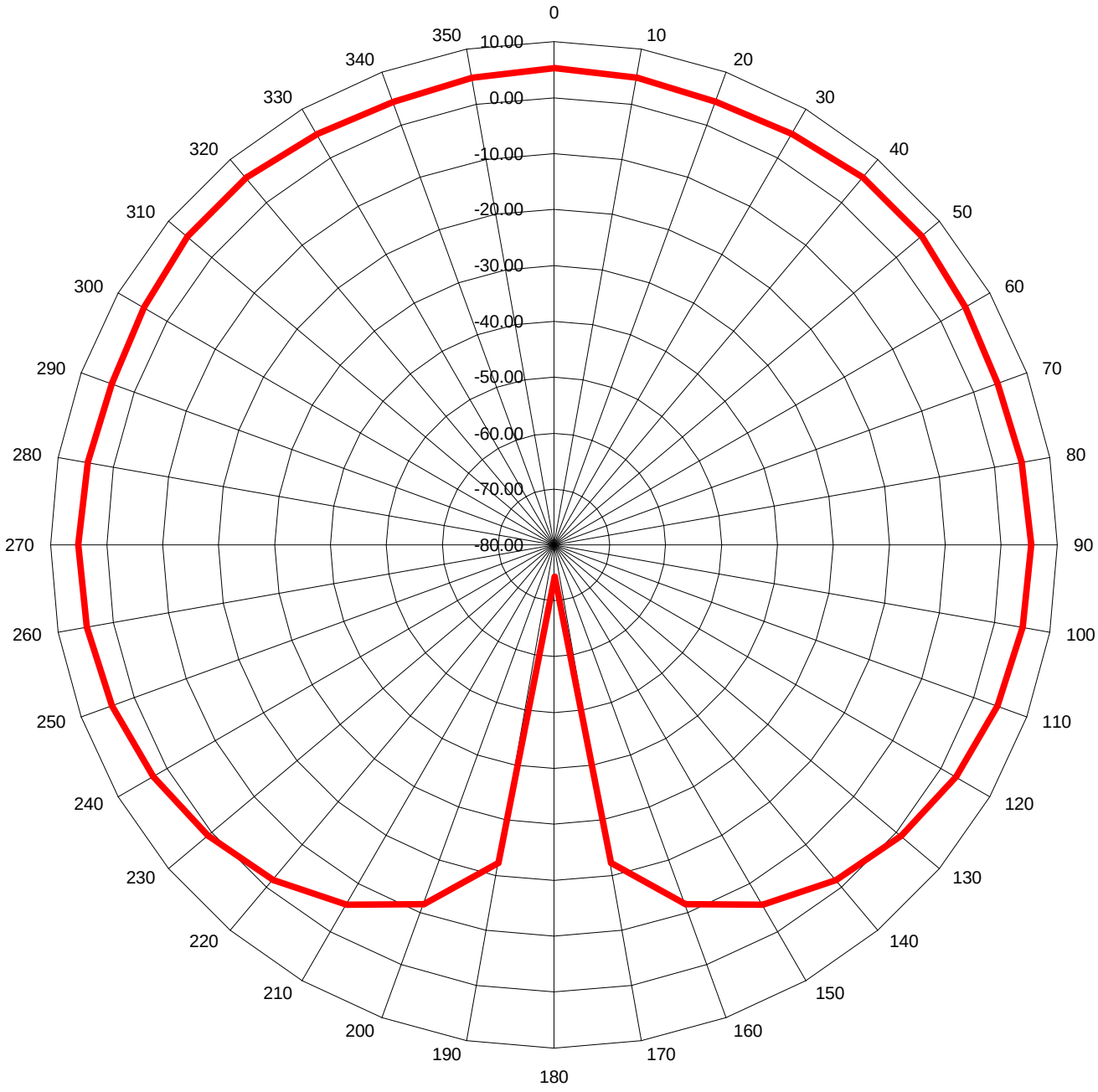
TABULATION OF ELEVATION PATTERN

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-C3-5/15-1
DIRECTIONAL ANTENNA (CARDIOID)
0.5 DEGREES ELECTRICAL BEAM TILT
MAXIMUM ANTENNA GAIN IN BEAM MAXIMUM 9.40 dB

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

WABW-DT CHANNEL 5
PELHAM, GEORGIA

20020815 **EXHIBIT 8**

WABW-DT CHANNEL 5

PELHAM, GEORGIA

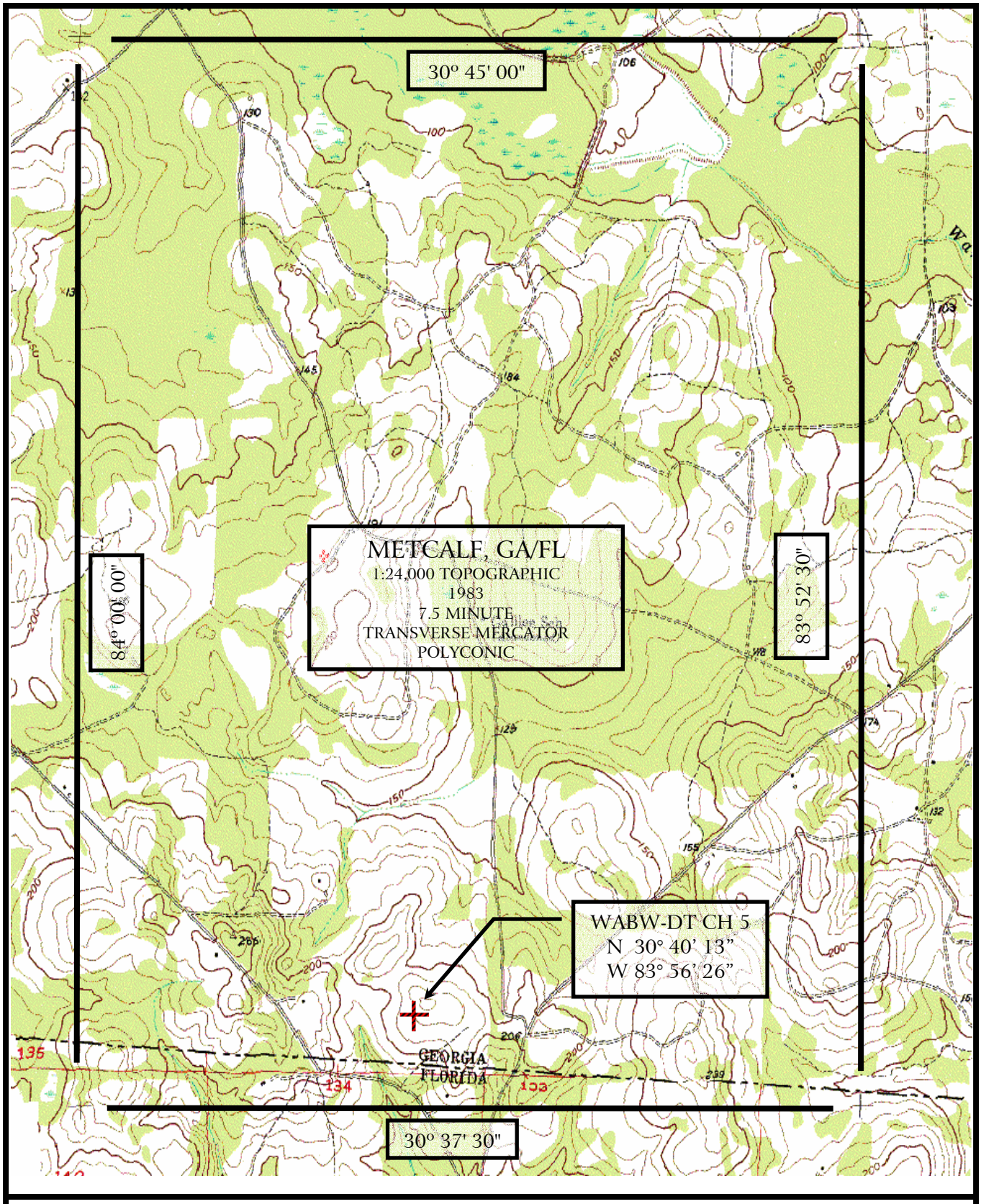
TABULATION OF RELATIVE FIELDS FOR PROPOSED DIRECTIONAL ANTENNA

AZIMUTH	RELATIVE FIELD	AZIMUTH	RELATIVE FIELD
N000ºE	0.9330	N180ºE	0.0001
N010ºE	0.8830	N190ºE	0.0400
N020ºE	0.8330	N200ºE	0.1350
N030ºE	0.8910	N210ºE	0.2680
N040ºE	0.9840	N220ºE	0.4210
N050ºE	0.9840	N230ºE	0.5780
N060ºE	0.8910	N240ºE	0.7200
N070ºE	0.8330	N250ºE	0.8340
N080ºE	0.8830	N260ºE	0.9080
N090ºE	0.9330	N270ºE	0.9330
N100ºE	0.9080	N280ºE	0.8830
N110ºE	0.8340	N290ºE	0.8330
N120ºE	0.7200	N300ºE	0.8910
N130ºE	0.5780	N310ºE	0.9840
N140ºE	0.4210	N320ºE	0.9840
N150ºE	0.2680	N330ºE	0.8910
N160ºE	0.1350	N340ºE	0.8330
N170ºE	0.0400	N350ºE	0.8830

MINIMUM OF 0.0001 AT N180ºE

MAXIMA OF 1.000 AT N045ºE AND N315ºE

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



1 0 MILES 1

1 1/2 0 1 KILOMETERS 2

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

WABW-DT

PELHAM, GEORGIA

20020815 EXHIBIT 10

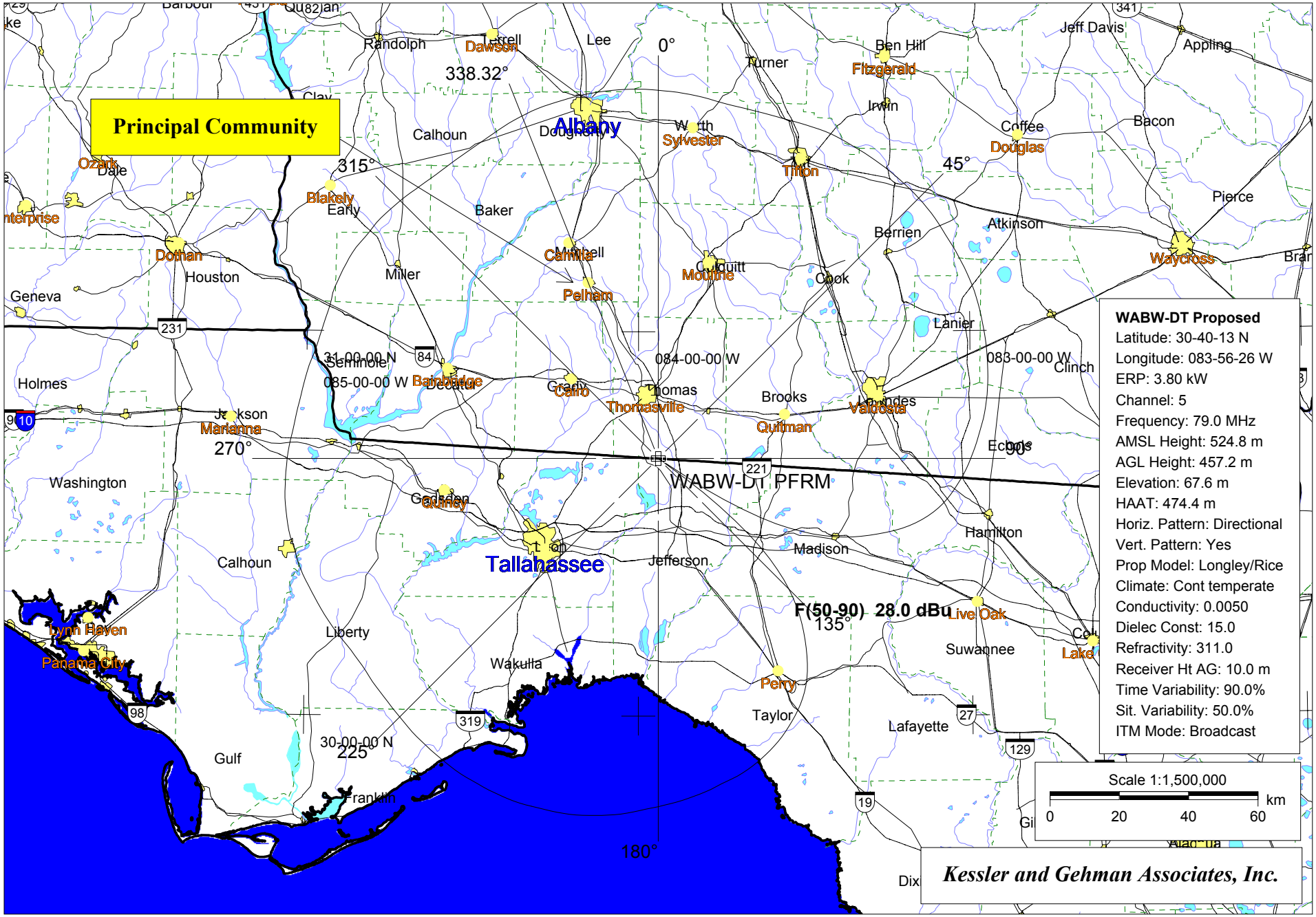

Principal Community
Albany
Tallahassee
WABW-DT PFRM
F(50-90) 28.0 dBu
0°
45°
90°
135°
180°
225°
270°
315°
338.32°
WABW-DT Proposed
Latitude: 30-40-13 N
Longitude: 083-56-26 W
ERP: 3.80 kW
Channel: 5
Frequency: 79.0 MHz
AMSL Height: 524.8 m
AGL Height: 457.2 m
Elevation: 67.6 m
HAAT: 474.4 m
Horiz. Pattern: Directional
Vert. Pattern: Yes
Prop Model: Longley/Rice
Climate: Cont temperate
Conductivity: 0.0050
Dielec Const: 15.0
Refractivity: 311.0
Receiver Ht AG: 10.0 m
Time Variability: 90.0%
Sit. Variability: 50.0%
ITM Mode: Broadcast
Scale 1:1,500,000
km
0
20
40
60
Kessler and Gehman Associates, Inc.

Exhibit 11

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 08-14-2002 Time: 14:24:11

Record Selected for Analysis

WABW-D.P CUR -PROPOSED Pelham GA US
Channel 05 ERP 3.800 kW HAAT 00474 m RCAMSL 00524 m
Latitude 030-40-13 Longitude 0083-56-26
Status APR Zone III Border
Dir Antenna Make CDB Model 00000000000001 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

Azimuth (Deg)	ERP (kW)	HAAT (m)	28.0 dBu F(50,90) (km)
0.0	3.379	466.5	106.2
45.0	3.092	475.4	106.1
90.0	0.447	475.6	90.0
135.0	0.008	479.4	56.0
180.0	1.615	477.9	100.5
225.0	2.963	471.5	105.4
270.0	3.379	476.1	107.0
315.0	2.963	468.8	105.2

Evaluation toward Class A Stations

Contour overlap to Class A station
WJJN-LP 5 DOTHAN AL BLTTL 19991223ABR
D/U ratio at contour 28.8 dB
Offset Proposed Offset Class A Z Required D/U ratio: 34.0
Radial 0.0 degrees
Bearing to point on contour 297.6 degrees
D/U ratio at contour 28.3 dB
Radial 10.0 degrees
Bearing to point on contour 297.0 degrees
D/U ratio at contour 28.0 dB
Radial 20.0 degrees
Bearing to point on contour 296.6 degrees
D/U ratio at contour 27.8 dB
Radial 30.0 degrees
Bearing to point on contour 296.7 degrees
D/U ratio at contour 27.5 dB
Radial 40.0 degrees

Bearing to point on contour 296.7 degrees
D/U ratio at contour 27.4 dB
Radial 50.0 degrees
Bearing to point on contour 296.2 degrees
D/U ratio at contour 27.5 dB
Radial 60.0 degrees
Bearing to point on contour 295.5 degrees
D/U ratio at contour 27.6 dB
Radial 70.0 degrees
Bearing to point on contour 295.1 degrees
D/U ratio at contour 27.3 dB
Radial 80.0 degrees
Bearing to point on contour 295.1 degrees
D/U ratio at contour 26.9 dB
Radial 90.0 degrees
Bearing to point on contour 295.1 degrees
D/U ratio at contour 26.8 dB
Radial 100.0 degrees
Bearing to point on contour 294.8 degrees
D/U ratio at contour 26.6 dB
Radial 110.0 degrees
Bearing to point on contour 294.5 degrees
D/U ratio at contour 26.6 dB
Radial 120.0 degrees
Bearing to point on contour 294.0 degrees
D/U ratio at contour 26.6 dB
Radial 130.0 degrees
Bearing to point on contour 293.5 degrees
D/U ratio at contour 26.8 dB
Radial 140.0 degrees
Bearing to point on contour 293.1 degrees
D/U ratio at contour 27.0 dB
Radial 150.0 degrees
Bearing to point on contour 292.7 degrees
D/U ratio at contour 27.3 dB
Radial 160.0 degrees
Bearing to point on contour 292.6 degrees
D/U ratio at contour 27.6 dB
Radial 170.0 degrees
Bearing to point on contour 292.7 degrees
D/U ratio at contour 27.9 dB
Radial 180.0 degrees
Bearing to point on contour 293.4 degrees
D/U ratio at contour 28.0 dB
Radial 190.0 degrees
Bearing to point on contour 293.6 degrees
D/U ratio at contour 28.1 dB
Radial 200.0 degrees
Bearing to point on contour 292.8 degrees
D/U ratio at contour 28.4 dB
Radial 210.0 degrees
Bearing to point on contour 291.9 degrees
D/U ratio at contour 28.7 dB
Radial 220.0 degrees
Bearing to point on contour 291.9 degrees
D/U ratio at contour 28.8 dB
Radial 230.0 degrees

Bearing to point on contour 292.2 degrees
D/U ratio at contour 29.0 dB
Radial 240.0 degrees
Bearing to point on contour 292.4 degrees
D/U ratio at contour 29.4 dB
Radial 250.0 degrees
Bearing to point on contour 292.4 degrees
D/U ratio at contour 30.0 dB
Radial 260.0 degrees
Bearing to point on contour 292.3 degrees
D/U ratio at contour 30.5 dB
Radial 270.0 degrees
Bearing to point on contour 292.6 degrees
D/U ratio at contour 31.0 dB
Radial 280.0 degrees
Bearing to point on contour 293.2 degrees
D/U ratio at contour 31.3 dB
Radial 290.0 degrees
Bearing to point on contour 294.0 degrees
D/U ratio at contour 31.3 dB
Radial 300.0 degrees
Bearing to point on contour 294.9 degrees
D/U ratio at contour 31.2 dB
Radial 310.0 degrees
Bearing to point on contour 295.8 degrees
D/U ratio at contour 30.9 dB
Radial 320.0 degrees
Bearing to point on contour 296.7 degrees
D/U ratio at contour 30.5 dB
Radial 330.0 degrees
Bearing to point on contour 297.4 degrees
D/U ratio at contour 29.9 dB
Radial 340.0 degrees
Bearing to point on contour 297.8 degrees
D/U ratio at contour 29.3 dB
Radial 350.0 degrees
Bearing to point on contour 298.0 degrees

Contour overlap to Class A station
WJJN-LP   5 DOTHAN   AL BPTVA   20020730AAL
D/U ratio at contour 31.4 dB
Offset Proposed   Offset Class A - Required D/U ratio: 34.0
Radial   0.0 degrees
Bearing to point on contour 302.0 degrees
D/U ratio at contour 30.7 dB
Radial 10.0 degrees
Bearing to point on contour 302.7 degrees
D/U ratio at contour 30.0 dB
Radial 20.0 degrees
Bearing to point on contour 303.1 degrees
D/U ratio at contour 29.1 dB
Radial 30.0 degrees
Bearing to point on contour 303.1 degrees
D/U ratio at contour 28.4 dB
Radial 40.0 degrees
Bearing to point on contour 302.5 degrees
D/U ratio at contour 27.8 dB

Radial 50.0 degrees
Bearing to point on contour 301.4 degrees
D/U ratio at contour 27.5 dB
Radial 60.0 degrees
Bearing to point on contour 300.1 degrees
D/U ratio at contour 27.4 dB
Radial 70.0 degrees
Bearing to point on contour 298.9 degrees
D/U ratio at contour 27.5 dB
Radial 80.0 degrees
Bearing to point on contour 297.7 degrees
D/U ratio at contour 27.4 dB
Radial 90.0 degrees
Bearing to point on contour 297.0 degrees
D/U ratio at contour 27.1 dB
Radial 100.0 degrees
Bearing to point on contour 296.4 degrees
D/U ratio at contour 26.6 dB
Radial 110.0 degrees
Bearing to point on contour 295.7 degrees
D/U ratio at contour 26.1 dB
Radial 120.0 degrees
Bearing to point on contour 294.7 degrees
D/U ratio at contour 25.7 dB
Radial 130.0 degrees
Bearing to point on contour 293.4 degrees
D/U ratio at contour 25.7 dB
Radial 140.0 degrees
Bearing to point on contour 291.8 degrees
D/U ratio at contour 26.0 dB
Radial 150.0 degrees
Bearing to point on contour 290.2 degrees
D/U ratio at contour 26.5 dB
Radial 160.0 degrees
Bearing to point on contour 288.9 degrees
D/U ratio at contour 27.3 dB
Radial 170.0 degrees
Bearing to point on contour 288.0 degrees
D/U ratio at contour 28.2 dB
Radial 180.0 degrees
Bearing to point on contour 287.5 degrees
D/U ratio at contour 29.0 dB
Radial 190.0 degrees
Bearing to point on contour 287.3 degrees
D/U ratio at contour 29.8 dB
Radial 200.0 degrees
Bearing to point on contour 287.3 degrees
D/U ratio at contour 30.6 dB
Radial 210.0 degrees
Bearing to point on contour 287.5 degrees
D/U ratio at contour 31.4 dB
Radial 220.0 degrees
Bearing to point on contour 288.0 degrees
D/U ratio at contour 32.1 dB
Radial 230.0 degrees
Bearing to point on contour 288.7 degrees
D/U ratio at contour 32.8 dB

Radial 240.0 degrees
Bearing to point on contour 289.4 degrees
D/U ratio at contour 33.4 dB
Radial 250.0 degrees
Bearing to point on contour 290.3 degrees
D/U ratio at contour 33.8 dB
Radial 260.0 degrees
Bearing to point on contour 291.3 degrees
D/U ratio at contour 33.8 dB
Radial 310.0 degrees
Bearing to point on contour 297.1 degrees
D/U ratio at contour 33.5 dB
Radial 320.0 degrees
Bearing to point on contour 298.3 degrees
D/U ratio at contour 33.1 dB
Radial 330.0 degrees
Bearing to point on contour 299.4 degrees
D/U ratio at contour 32.6 dB
Radial 340.0 degrees
Bearing to point on contour 300.4 degrees
D/U ratio at contour 32.0 dB
Radial 350.0 degrees
Bearing to point on contour 301.2 degrees

Class A Evaluation Complete

SPACING VIOLATION FOUND BETWEEN STATION

WABW-D.P 05 Pelham GA CUR PROPOSED

and station

SHORT TO: WUFT 05 GAINESVILLE FL BLET 311
029-42-34 0082-23-40
Req. separation 273.6 Actual separation 183.1 Short 90.5 km

Proposed facility OK to FCC Monitoring Stations

Proposed facility OK toward West Virginia quite zone

Proposed facility OK toward Table Mountian

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

```
              Proposed Station
Channel     Call         City/State               ARN
   05      WABW-D.P   Pelham GA                  CUR       PROPOSED

     Stations Potentially Affected by  Proposed Station

Chan   Call      City/State           Dist(km) Status  Application Ref. No.
 05   WKRG-TV  MOBILE AL                371.8  LIC    BLCT      -19860718KE
 05   WUFT     GAINESVILLE FL           182.9  LIC    BLET      -311
 05   WAGA     ATLANTA GA               349.6  LIC    BLCT      -20001128AAS
 06   WCTV     THOMASVILLE GA             0.0  LIC    BLCT      -19870630KF

%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%

     Analysis of Interference to Affected Station   1


NTSC Baseline Analysis
Channel     Call           City/State        Application Ref. No.
   05      WKRGTV     MOBILE AL                DTVPLN    -NPLN0337

     Stations Potentially Affecting This Station

Chan   Call      City/State           Dist(km) Status  Application Ref. No.
 06   WDSU     NEW ORLEANS LA            220.0  PLN    DTVPLN    -NPLN0413

Results for:  5N AL MOBILE              DTVPLN    NPLN0337     PLN
                                  POPULATION   AREA (sq km)
   within Noise Limited Contour     1315858      50079.6
   not affected by terrain losses   1310490      49268.3
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV           0          0.0
   lost to all IX                         0          0.0

Analysis of current record
Channel     Call           City/State        Application Ref. No.
   05      WKRG-TV    MOBILE AL                BLCT      -19860718KE

     Stations Potentially Affecting This Station

Chan   Call      City/State           Dist(km) Status  Application Ref. No.
 05   WCFT-TV  TUSCALOOSA AL            312.5  APP    BPRM      -20020703ABJ
 06   WDSU     NEW ORLEANS LA            220.0  LIC    BMLCT     -19820420KE
 05   WABW-D.P Pelham GA                 371.8  APR    CUR       -PROPOSED

 Total scenarios =   1


Result key:        1
Scenario        1  Affected station        1
Before Analysis

Results for:  5N AL MOBILE              BLCT      19860718KE   LIC
                                  POPULATION   AREA (sq km)
   within Noise Limited Contour     1315858      50079.6
```

```
   not affected by terrain losses   1310490      49268.3
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV       12604       1666.5
   lost to all IX                     12604       1666.5

 Potential Interferring Stations Included in above Scenario     1

 5A AL TUSCALOOSA           BPRM      20020703ABJ  APP

After Analysis

Results for:  5N AL MOBILE              BLCT      19860718KE   LIC
                                 POPULATION   AREA (sq km)
   within Noise Limited Contour     1315858      50079.6
   not affected by terrain losses   1310490      49268.3
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV       31585       1830.4
   lost to all IX                     31585       1830.4

 Potential Interferring Stations Included in above Scenario     1

 5A AL TUSCALOOSA           BPRM      20020703ABJ  APP
 5A GA Pelham               CUR       PROPOSED     APR
 *Percent new DTV interference without proposal:      1.0  BLCT      19860718KE
 *Percent new DTV interference with proposal:         2.4  BLCT      19860718KE


#########################################################################


     Analysis of Interference to Affected Station   2


NTSC Baseline Analysis
Channel     Call           City/State        Application Ref. No.
   05      WUFT       GAINESVILLE FL            DTVPLN    -NPLN0345

     Stations Potentially Affecting This Station

Chan   Call      City/State           Dist(km) Status  Application Ref. No.
 05   WPTV     WEST PALM BEACH FL        407.5  PLN    DTVPLN    -NPLN0346
 05   DNCE     BRADENTON FL              246.7  PLN    DTVPLN    -NPLN0392
 06   WCPXTV   ORLANDO FL                176.3  PLN    DTVPLN    -NPLN0403
 06   WCTV     THOMASVILLE GA            182.9  PLN    DTVPLN    -NPLN0405

Results for:  5N FL GAINESVILLE          DTVPLN    NPLN0345     PLN
                                 POPULATION   AREA (sq km)
   within Noise Limited Contour     1208257      31865.4
   not affected by terrain losses   1158853      31760.4
   lost to NTSC IX                   115349       4674.4
   lost to additional IX by ATV           0          0.0
   lost to all IX                    115349       4674.4

Analysis of current record
Channel     Call           City/State        Application Ref. No.
   05      WUFT       GAINESVILLE FL            BLET      -311
```

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
05	WPTV	WEST PALM BEACH FL	407.5	LIC	BMLCT	-19900426KE
05	WPTV	WEST PALM BEACH FL	407.5	APP	BPCT	-20020225AAH
06	WKMG-TV	ORLANDO FL	176.3	LIC	BLCT	-19960725KG
06	WCTV	THOMASVILLE GA	182.9	LIC	BLCT	-19870630KF
05	WABW-D.P	Pelham GA	182.9	APR	CUR	-PROPOSED

Total scenarios = 1

Result key: 2
Scenario 1 Affected station 2
Before Analysis

Results for: 5N FL GAINESVILLE BLET 311 LIC

	POPULATION	AREA (sq km)
within Noise Limited Contour	1208257	31865.4
not affected by terrain losses	1158853	31760.4
lost to NTSC IX	4386	427.9
lost to additional IX by ATV	0	0.0
lost to all IX	4386	427.9

Potential Interferring Stations Included in above Scenario 1

6N FL ORLANDO	BLCT	19960725KG	LIC
6N GA THOMASVILLE	BLCT	19870630KF	LIC

After Analysis

Results for: 5N FL GAINESVILLE BLET 311 LIC

	POPULATION	AREA (sq km)
within Noise Limited Contour	1208257	31865.4
not affected by terrain losses	1158853	31760.4
lost to NTSC IX	4386	427.9
lost to additional IX by ATV	8418	1550.1
lost to all IX	12804	1978.0

Potential Interferring Stations Included in above Scenario 1

6N FL ORLANDO	BLCT	19960725KG	LIC
6N GA THOMASVILLE	BLCT	19870630KF	LIC
5A GA Pelham	CUR	PROPOSED	APR

*Percent new DTV interference without proposal: 0.0 BLET 311
*Percent new DTV interference with proposal: 0.7 BLET 311

##

Analysis of Interference to Affected Station 3

NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
05	WAGATV	ATLANTA GA	DTVPLN	-NPLN0347

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
05	WTVF	NASHVILLE TN	354.0	PLN	DTVPLN	-NPLN0380
05	WCYBTV	BRISTOL VA	357.5	PLN	DTVPLN	-NPLN0386

Results for: 5N GA ATLANTA DTVPLN NPLN0347 PLN

	POPULATION	AREA (sq km)
within Noise Limited Contour	3586698	35104.1
not affected by terrain losses	3509536	32344.8
lost to NTSC IX	67334	1329.5
lost to additional IX by ATV	0	0.0
lost to all IX	67334	1329.5

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
05	WAGA	ATLANTA GA	BLCT	-20001128AAS

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
05	WCFT-TV	TUSCALOOSA AL	288.7	APP	BPRM	-20020703ABJ
05	WTVF	NASHVILLE TN	353.9	LIC	BLCT	-19860702KI
05	WCYB-TV	BRISTOL VA	357.5	CP MOD	BMPCT	-20010723AAJ
05	WABW-D.P	Pelham GA	349.6	APR	CUR	-PROPOSED

Total scenarios = 2

Result key: 3
Scenario 1 Affected station 3
Before Analysis

Results for: 5N GA ATLANTA BLCT 20001128AAS LIC

	POPULATION	AREA (sq km)
within Noise Limited Contour	3585087	34999.4
not affected by terrain losses	3505549	32272.2
lost to NTSC IX	63964	1164.8
lost to additional IX by ATV	0	0.0
lost to all IX	63964	1164.8

Potential Interferring Stations Included in above Scenario 1

5N TN NASHVILLE	BLCT	19860702KI	LIC
5N VA BRISTOL	BMPCT	20010723AAJ	CP

After Analysis

Results for: 5N GA ATLANTA BLCT 20001128AAS LIC

	POPULATION	AREA (sq km)
within Noise Limited Contour	3585087	34999.4
not affected by terrain losses	3505549	32272.2
lost to NTSC IX	63964	1164.8
lost to additional IX by ATV	9621	224.9
lost to all IX	73585	1389.7

```
 Potential Interferring Stations Included in above Scenario     1

 5N TN NASHVILLE            BLCT      19860702KI   LIC
 5N VA BRISTOL              BMPCT     20010723AAJ  CP
 5A GA Pelham               CUR       PROPOSED     APR
 *Percent new DTV interference without proposal:      0.0  BLCT      20001128AAS
 *Percent new DTV interference with proposal:         0.3  BLCT      20001128AAS


Result key:        4
Scenario        2  Affected station        3
Before Analysis

Results for:  5N GA ATLANTA              BLCT      20001128AAS  LIC
                                 POPULATION   AREA (sq km)
   within Noise Limited Contour     3585087      34999.4
   not affected by terrain losses   3505549      32272.2
   lost to NTSC IX                    63964       1164.8
   lost to additional IX by ATV       20899        739.0
   lost to all IX                     84863       1903.8

 Potential Interferring Stations Included in above Scenario     2

 5N TN NASHVILLE            BLCT      19860702KI   LIC
 5N VA BRISTOL              BMPCT     20010723AAJ  CP
 5A AL TUSCALOOSA           BPRM      20020703ABJ  APP

After Analysis

Results for:  5N GA ATLANTA              BLCT      20001128AAS  LIC
                                 POPULATION   AREA (sq km)
   within Noise Limited Contour     3585087      34999.4
   not affected by terrain losses   3505549      32272.2
   lost to NTSC IX                    63964       1164.8
   lost to additional IX by ATV       30414        935.8
   lost to all IX                     94378       2100.6

 Potential Interferring Stations Included in above Scenario     2

 5N TN NASHVILLE            BLCT      19860702KI   LIC
 5N VA BRISTOL              BMPCT     20010723AAJ  CP
 5A AL TUSCALOOSA           BPRM      20020703ABJ  APP
 5A GA Pelham               CUR       PROPOSED     APR
 *Percent new DTV interference without proposal:      0.6  BLCT      20001128AAS
 *Percent new DTV interference with proposal:         0.8  BLCT      20001128AAS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     Analysis of Interference to Affected Station   4


NTSC Baseline Analysis
Channel     Call           City/State        Application Ref. No.
   06      WCTV       THOMASVILLE GA            DTVPLN    -NPLN0405
```

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
05	WUFT	GAINESVILLE FL	182.9	PLN	DTVPLN	-NPLN0345
06	WBRCTV	BIRMINGHAM AL	413.0	PLN	DTVPLN	-NPLN0393
06	WCPXTV	ORLANDO FL	358.4	PLN	DTVPLN	-NPLN0403
06	WJBF	AUGUSTA GA	362.7	PLN	DTVPLN	-NPLN0404

Results for: 6N GA THOMASVILLE DTVPLN NPLN0405 PLN

	POPULATION	AREA (sq km)
within Noise Limited Contour	887630	52204.0
not affected by terrain losses	881884	51880.2
lost to NTSC IX	42717	5959.9
lost to additional IX by ATV	0	0.0
lost to all IX	42717	5959.9

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
06	WCTV	THOMASVILLE GA	BLCT	-19870630KF

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
05	WUFT	GAINESVILLE FL	182.9	LIC	BLET	-311
06	WBRC	BIRMINGHAM AL	413.0	LIC	BLCT	-19880229KI
06	WKMG-TV	ORLANDO FL	358.4	LIC	BLCT	-19960725KG
06	WJBF	AUGUSTA GA	362.8	CP	BPCT	-19980909KE
05	WABW-D.P	Pelham GA	0.0	APR	CUR	-PROPOSED

Proposal causes no interference

##

Analysis of Interference to Affected Station 5

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
05	WABW-D.P	Pelham GA	CUR	-PROPOSED

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
05	WKRG-TV	MOBILE AL	371.8	LIC	BLCT	-19860718KE
05	WUFT	GAINESVILLE FL	182.9	LIC	BLET	-311
05	WAGA	ATLANTA GA	349.6	LIC	BLCT	-20001128AAS
06	WCTV	THOMASVILLE GA	0.0	LIC	BLCT	-19870630KF

Total scenarios = 1

Result key: 5
Scenario 1 Affected station 5
Before Analysis

Results for: 5A GA Pelham CUR PROPOSED APR
HAAT 474.0 m, ATV ERP 3.8 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	726299	30391.9
not affected by terrain losses	726281	30371.9
lost to NTSC IX	15233	1422.7
lost to additional IX by ATV	0	0.0
lost to ATV IX only	0	0.0
lost to all IX	15233	1422.7

Potential Interferring Stations Included in above Scenario 1

5N AL MOBILE	BLCT	19860718KE	LIC	
5N FL GAINESVILLE	BLET	311	LIC	
5N GA ATLANTA	BLCT	20001128AAS	LIC	
6N GA THOMASVILLE	BLCT	19870630KF	LIC	

*Percent Service lost without proposal: 0.0 to CUR PROPOSED
*Percent Service lost with proposal: 0.0 to CUR PROPOSED

##

FINISHED FINISHED FINISHED FINISHED FINISHED FINISHED

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 08-13-2002 Time: 16:38:02

Record Selected for Analysis

WJJN-L.A CUR -PROPOSED Dothan AL US
Channel 05 ERP 1.180 kW HAAT 00157 m RCAMSL 00245 m
Latitude 031-14-54 Longitude 0085-23-20
Status AP Zone Border Offset -
Dir Antenna Make CDB Model 00000000000001 Beam tilt N Ref Azimuth 270.0
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

Not full service station
Maximum height/power limits not checked

Azimuth (Deg)	ERP (kW)	HAAT (m)	62.0 dBu F(50,50) (km)
0.0	1.180	145.5	20.8
45.0	0.554	160.6	18.1
90.0	0.048	164.5	9.9
135.0	0.554	166.8	18.5
180.0	1.168	159.7	21.7
225.0	1.063	153.4	20.8
270.0	0.975	169.5	21.4
315.0	1.063	144.1	20.2

Evaluation from Class A Station

Contour overlap to station
WKRG-TV 5 MOBILE AL BLCT 19860718KE
D/U ratio at contour 26.7 dB
Offset Proposed - Offset Protected + Required D/U ratio: 28.0
Radial 40.0 degrees
Bearing to point on contour 282.8 degrees
D/U ratio at contour 23.5 dB
Radial 50.0 degrees
Bearing to point on contour 277.8 degrees
D/U ratio at contour 20.8 dB
Radial 60.0 degrees
Bearing to point on contour 270.3 degrees
D/U ratio at contour 19.5 dB
Radial 70.0 degrees

Bearing to point on contour 260.4 degrees
D/U ratio at contour 19.6 dB
Radial 80.0 degrees
Bearing to point on contour 249.7 degrees
D/U ratio at contour 21.2 dB
Radial 90.0 degrees
Bearing to point on contour 239.9 degrees
D/U ratio at contour 23.9 dB
Radial 100.0 degrees
Bearing to point on contour 232.6 degrees
D/U ratio at contour 27.0 dB
Radial 110.0 degrees
Bearing to point on contour 227.9 degrees

Contour overlap to station
WAGA   5 ATLANTA   GA BLCT   20001128AAS
D/U ratio at contour 43.8 dB
Offset Proposed - Offset Protected - Required D/U ratio: 45.0
Radial 150.0 degrees
Bearing to point on contour 38.2 degrees
D/U ratio at contour 40.9 dB
Radial 160.0 degrees
Bearing to point on contour 36.1 degrees
D/U ratio at contour 38.0 dB
Radial 170.0 degrees
Bearing to point on contour 33.0 degrees
D/U ratio at contour 35.6 dB
Radial 180.0 degrees
Bearing to point on contour 29.0 degrees
D/U ratio at contour 34.2 dB
Radial 190.0 degrees
Bearing to point on contour 24.0 degrees
D/U ratio at contour 33.6 dB
Radial 200.0 degrees
Bearing to point on contour 18.7 degrees
D/U ratio at contour 34.1 dB
Radial 210.0 degrees
Bearing to point on contour 13.4 degrees
D/U ratio at contour 35.4 dB
Radial 220.0 degrees
Bearing to point on contour   8.7 degrees
D/U ratio at contour 37.3 dB
Radial 230.0 degrees
Bearing to point on contour   4.8 degrees
D/U ratio at contour 39.7 dB
Radial 240.0 degrees
Bearing to point on contour   1.7 degrees
D/U ratio at contour 42.4 dB
Radial 250.0 degrees
Bearing to point on contour 359.6 degrees

Contour overlap to station
WABW-TV   5 PELHAM   GA BPRM   20010327AJF
D/U ratio at contour -1.0 dB
Offset Proposed - Offset Protected   Required D/U ratio: 2.0
Radial 250.0 degrees
Bearing to point on contour 151.8 degrees

```
D/U ratio at contour  -5.0 dB
Radial 260.0 degrees
Bearing to point on contour 150.3 degrees
D/U ratio at contour  -8.6 dB
Radial 270.0 degrees
Bearing to point on contour 144.9 degrees
D/U ratio at contour -10.4 dB
Radial 280.0 degrees
Bearing to point on contour 135.2 degrees
D/U ratio at contour  -9.7 dB
Radial 290.0 degrees
Bearing to point on contour 122.5 degrees
D/U ratio at contour  -6.0 dB
Radial 300.0 degrees
Bearing to point on contour 107.5 degrees
D/U ratio at contour  -0.6 dB
Radial 310.0 degrees
Bearing to point on contour  94.2 degrees

Contour overlap to station
WCTV      6 THOMASVILLE          GA BLCT      19870630KF
D/U ratio at contour  -9.1 dB
Offset Proposed - Offset Protected Z  Required D/U ratio:  -6.0
Radial 290.0 degrees
Bearing to point on contour 141.1 degrees

                    Contour Overlap Evaluation from Class A Complete


 Proposed facility OK to FCC Monitoring Stations

 Proposed facility OK toward West Virginia quite zone

 Proposed facility OK toward Table Mountian

 Proposed facility is beyond the Canadian coordination distance

 Proposed facility is beyond the Mexican coordination distance

 Proposed station is 0.06km from AM station
 DOTHAN               AL WAGF     Status: L Antenna: DAN
 Proposed station is 0.06km from AM station
 DOTHAN               AL WAGF     Status: S Antenna: DAN
 Proposed station is 0.00km from AM station
 DOTHAN               AL WAGF     Status:   Antenna: ND2


**********************************************************************
                         Start of Interference Analysis


               Proposed Station
Channel     Call         City/State               ARN
   05      WJJN-L.A   Dothan AL                   CUR       PROPOSED

     Stations Potentially Affected by  Proposed Station
```

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
05	WKRG-TV	MOBILE AL	240.8	LIC	BLCT	-19860718KE
05	WBXM-CA	MONTGOMERY AL	151.8	CP	BPTVA	-20011106AAE
05	W05BS	MONTGOMERY AL	151.8	LIC	BLTVL	-19940224JR
05	WCFT-TV	TUSCALOOSA AL	313.5	APP	BPRM	-20020703ABJ
05	WUFT	GAINESVILLE FL	333.9	LIC	BLET	-311
05	WAGA	ATLANTA GA	300.1	LIC	BLCT	-20001128AAS
05	WABW-TV	PELHAM GA	152.3	APP	BPRM	-20010327AJF
06	W06BH	PHENIX CITY, ETC. AL	139.0	LIC	BLTVL	-19931124IB
06	WCTV	THOMASVILLE GA	152.3	LIC	BLCT	-19870630KF

%%%

Analysis of Interference to Affected Station 1

NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
05	WKRGTV	MOBILE AL	DTVPLN	-NPLN0337

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
06	WDSU	NEW ORLEANS LA	220.0	PLN	DTVPLN	-NPLN0413

Results for: 5N AL MOBILE DTVPLN NPLN0337 PLN

	POPULATION	AREA (sq km)
within Noise Limited Contour	1315858	50079.6
not affected by terrain losses	1310490	49268.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	0	0.0
lost to all IX	0	0.0

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
05	WKRG-TV	MOBILE AL	BLCT	-19860718KE

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
05	WCFT-TV	TUSCALOOSA AL	312.5	APP	BPRM	-20020703ABJ
05	WABW-TV	PELHAM GA	371.8	APP	BPRM	-20010327AJF
06	WDSU	NEW ORLEANS LA	220.0	LIC	BMLCT	-19820420KE
05	WJJN-L.A	Dothan AL	240.8	AP	CUR	-PROPOSED

Total scenarios = 1

Result key: 1
Scenario 1 Affected station 1
Before Analysis

Results for: 5N AL MOBILE BLCT 19860718KE LIC

	POPULATION	AREA (sq km)
within Noise Limited Contour	1315858	50079.6

```
   not affected by terrain losses   1310490      49268.3
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV       12604       1666.5
   lost to all IX                     12604       1666.5

 Potential Interferring Stations Included in above Scenario     1

 5A AL TUSCALOOSA           BPRM      20020703ABJ  APP

After Analysis

Results for:  5N AL MOBILE              BLCT      19860718KE   LIC
                                  POPULATION   AREA (sq km)
   within Noise Limited Contour     1315858      50079.6
   not affected by terrain losses   1310490      49268.3
   lost to NTSC IX                     5655        235.8
   lost to additional IX by ATV       12539       1646.5
   lost to all IX                     18194       1882.3

 Potential Interferring Stations Included in above Scenario     1

 5A AL TUSCALOOSA           BPRM      20020703ABJ  APP
 5N AL Dothan               CUR       PROPOSED     AP
 *Percent new DTV interference without proposal:      1.0  BLCT      19860718KE
 *Percent new DTV interference with proposal:         1.4  BLCT      19860718KE


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     Analysis of Interference to Affected Station   2


Analysis of current record
Channel     Call           City/State        Application Ref. No.
   05      WBXM-CA    MONTGOMERY AL             BPTVA     -20011106AAE

     Stations Potentially Affecting This Station

Chan   Call      City/State           Dist(km) Status  Application Ref. No.
 05   WKRG-TV  MOBILE AL               236.0  LIC    BLCT      -19860718KE
 05   WCFT-TV  TUSCALOOSA AL           162.0  APP    BPRM      -20020703ABJ
 05   WAGA     ATLANTA GA              242.9  LIC    BLCT      -20001128AAS
 05   WABW-TV  PELHAM GA               293.1  APP    BPRM      -20010327AJF
 06   WBRC     BIRMINGHAM AL           132.7  LIC    BLCT      -19880229KI
 05   WJJN-L.A Dothan AL               151.8  AP     CUR       -PROPOSED
 Proposal causes no interference

#########################################################################


     Analysis of Interference to Affected Station   3


Analysis of current record
Channel     Call           City/State        Application Ref. No.
   05      W05BS      MONTGOMERY AL             BLTVL     -19940224JR
```

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
05	WKRG-TV	MOBILE AL	236.0	LIC	BLCT	-19860718KE
05	WCFT-TV	TUSCALOOSA AL	162.0	APP	BPRM	-20020703ABJ
05	WAGA	ATLANTA GA	242.9	LIC	BLCT	-20001128AAS
05	WABW-TV	PELHAM GA	293.1	APP	BPRM	-20010327AJF
06	WBRC	BIRMINGHAM AL	132.7	LIC	BLCT	-19880229KI
05	WJJN-L.A	Dothan AL	151.8	AP	CUR	-PROPOSED

Proposal causes no interference

##

Analysis of Interference to Affected Station 4

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
05	WCFT-TV	TUSCALOOSA AL	BPRM	-20020703ABJ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
05	WKRG-TV	MOBILE AL	312.5	LIC	BLCT	-19860718KE
05	WAGA	ATLANTA GA	288.7	LIC	BLCT	-20001128AAS
05	WMC-TV	MEMPHIS TN	293.4	LIC	BLCT	-1042
05	WTVF	NASHVILLE TN	315.4	LIC	BLCT	-19860702KI
06	WBRC	BIRMINGHAM AL	58.5	LIC	BLCT	-19880229KI
05	WJJN-L.A	Dothan AL	313.5	AP	CUR	-PROPOSED

Total scenarios = 1

Result key: 2
Scenario 1 Affected station 4
Before Analysis

Results for: 5A AL TUSCALOOSA BPRM 20020703ABJ APP
HAAT 641.0 m, ATV ERP 5.4 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1513379	43097.5
not affected by terrain losses	1488122	42121.6
lost to NTSC IX	57327	1899.2
lost to additional IX by ATV	0	0.0
lost to ATV IX only	0	0.0
lost to all IX	57327	1899.2

Potential Interferring Stations Included in above Scenario 1

5N AL MOBILE	BLCT	19860718KE	LIC
5N GA ATLANTA	BLCT	20001128AAS	LIC
5N TN MEMPHIS	BLCT	1042	LIC
5N TN NASHVILLE	BLCT	19860702KI	LIC
6N AL BIRMINGHAM	BLCT	19880229KI	LIC

After Analysis

Results for: 5A AL TUSCALOOSA BPRM 20020703ABJ APP
HAAT 641.0 m, ATV ERP 5.4 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1513379	43097.5
not affected by terrain losses	1488122	42121.6
lost to NTSC IX	57327	1903.3
lost to additional IX by ATV	0	0.0
lost to ATV IX only	0	0.0
lost to all IX	57327	1903.3

Potential Interferring Stations Included in above Scenario 1

5N AL MOBILE	BLCT	19860718KE	LIC	
5N GA ATLANTA	BLCT	20001128AAS	LIC	
5N TN MEMPHIS	BLCT	1042	LIC	
5N TN NASHVILLE	BLCT	19860702KI	LIC	
6N AL BIRMINGHAM	BLCT	19880229KI	LIC	
5N AL Dothan	CUR	PROPOSED	AP	

*Percent Service lost without proposal: 0.0 to BPRM 20020703ABJ
*Percent Service lost with proposal: 0.0 to BPRM 20020703ABJ

##

Analysis of Interference to Affected Station 5

NTSC Baseline Analysis

Channel	Call	City/State	Application Ref. No.
05	WUFT	GAINESVILLE FL	DTVPLN -NPLN0345

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
05	WPTV	WEST PALM BEACH FL	407.5	PLN	DTVPLN -NPLN0346
05	DNCE	BRADENTON FL	246.7	PLN	DTVPLN -NPLN0392
06	WCPXTV	ORLANDO FL	176.3	PLN	DTVPLN -NPLN0403
06	WCTV	THOMASVILLE GA	182.9	PLN	DTVPLN -NPLN0405

Results for: 5N FL GAINESVILLE DTVPLN NPLN0345 PLN

	POPULATION	AREA (sq km)
within Noise Limited Contour	1208257	31865.4
not affected by terrain losses	1158853	31760.4
lost to NTSC IX	115349	4674.4
lost to additional IX by ATV	0	0.0
lost to all IX	115349	4674.4

Analysis of current record

Channel	Call	City/State	Application Ref. No.
05	WUFT	GAINESVILLE FL	BLET -311

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.

05	WPTV	WEST PALM BEACH FL	407.5	LIC	BMLCT	-19900426KE
05	WPTV	WEST PALM BEACH FL	407.5	APP	BPCT	-20020225AAH
05	WABW-TV	PELHAM GA	182.9	APP	BPRM	-20010327AJF
06	WKMG-TV	ORLANDO FL	176.3	LIC	BLCT	-19960725KG
06	WCTV	THOMASVILLE GA	182.9	LIC	BLCT	-19870630KF
05	WJJN-L.A	Dothan AL	333.9	AP	CUR	-PROPOSED

Proposal causes no interference

##

Analysis of Interference to Affected Station 6

NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
05	WAGATV	ATLANTA GA	DTVPLN	-NPLN0347

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
05	WTVF	NASHVILLE TN	354.0	PLN	DTVPLN	-NPLN0380
05	WCYBTV	BRISTOL VA	357.5	PLN	DTVPLN	-NPLN0386

Results for: 5N GA ATLANTA DTVPLN NPLN0347 PLN

	POPULATION	AREA (sq km)
within Noise Limited Contour	3586698	35104.1
not affected by terrain losses	3509536	32344.8
lost to NTSC IX	67334	1329.5
lost to additional IX by ATV	0	0.0
lost to all IX	67334	1329.5

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
05	WAGA	ATLANTA GA	BLCT	-20001128AAS

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
05	WCFT-TV	TUSCALOOSA AL	288.7	APP	BPRM	-20020703ABJ
05	WABW-TV	PELHAM GA	349.6	APP	BPRM	-20010327AJF
05	WTVF	NASHVILLE TN	353.9	LIC	BLCT	-19860702KI
05	WCYB-TV	BRISTOL VA	357.5	CP MOD	BMPCT	-20010723AAJ
05	WJJN-L.A	Dothan AL	300.1	AP	CUR	-PROPOSED

Proposal causes no interference

##

Analysis of Interference to Affected Station 7

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
05	WABW-TV	PELHAM GA	BPRM	-20010327AJF

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
05	WKRG-TV	MOBILE AL	371.8	LIC	BLCT	-19860718KE
05	WUFT	GAINESVILLE FL	182.9	LIC	BLET	-311
05	WAGA	ATLANTA GA	349.6	LIC	BLCT	-20001128AAS
06	WCTV	THOMASVILLE GA	0.0	LIC	BLCT	-19870630KF
05	WJJN-L.A	Dothan AL	152.3	AP	CUR	-PROPOSED

Total scenarios = 1

Result key: 3
Scenario 1 Affected station 7
Before Analysis

Results for: 5A GA PELHAM BPRM 20010327AJF APP
HAAT 474.0 m, ATV ERP 0.8 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	546792	22687.7
not affected by terrain losses	544944	22675.7
lost to NTSC IX	12637	1167.0
lost to additional IX by ATV	0	0.0
lost to ATV IX only	0	0.0
lost to all IX	12637	1167.0

Potential Interferring Stations Included in above Scenario 1

5N AL MOBILE	BLCT	19860718KE	LIC
5N FL GAINESVILLE	BLET	311	LIC
5N GA ATLANTA	BLCT	20001128AAS	LIC
6N GA THOMASVILLE	BLCT	19870630KF	LIC

After Analysis

Results for: 5A GA PELHAM BPRM 20010327AJF APP
HAAT 474.0 m, ATV ERP 0.8 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	546792	22687.7
not affected by terrain losses	544944	22675.7
lost to NTSC IX	14928	1250.9
lost to additional IX by ATV	0	0.0
lost to ATV IX only	0	0.0
lost to all IX	14928	1250.9

Potential Interferring Stations Included in above Scenario 1

5N AL MOBILE	BLCT	19860718KE	LIC
5N FL GAINESVILLE	BLET	311	LIC
5N GA ATLANTA	BLCT	20001128AAS	LIC
6N GA THOMASVILLE	BLCT	19870630KF	LIC
5N AL Dothan	CUR	PROPOSED	AP

*Percent Service lost without proposal: 0.0 to BPRM 20010327AJF
*Percent Service lost with proposal: 0.4 to BPRM 20010327AJF

##

Analysis of Interference to Affected Station 8

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
06	W06BH	PHENIX CITY, ETC. AL	BLTVL	-19931124IB

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
05	WAGA	ATLANTA GA	162.2	LIC	BLCT	-20001128AAS
05	WABW-TV	PELHAM GA	224.9	APP	BPRM	-20010327AJF
06	WBRC	BIRMINGHAM AL	199.7	LIC	BLCT	-19880229KI
06	WJBF	AUGUSTA GA	316.6	CP	BPCT	-19980909KE
06	WCTV	THOMASVILLE GA	224.9	LIC	BLCT	-19870630KF
06	WATE-TV	KNOXVILLE TN	406.2	CP	BPCT	-20011127AAZ
05	WJJN-L.A	Dothan AL	139.0	AP	CUR	-PROPOSED

Proposed station is beyond the site to
nearest cell evaluation distance

##

Analysis of Interference to Affected Station 9

NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
06	WCTV	THOMASVILLE GA	DTVPLN	-NPLN0405

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
05	WUFT	GAINESVILLE FL	182.9	PLN	DTVPLN	-NPLN0345
06	WBRCTV	BIRMINGHAM AL	413.0	PLN	DTVPLN	-NPLN0393
06	WCPXTV	ORLANDO FL	358.4	PLN	DTVPLN	-NPLN0403
06	WJBF	AUGUSTA GA	362.7	PLN	DTVPLN	-NPLN0404

Results for: 6N GA THOMASVILLE DTVPLN NPLN0405 PLN

	POPULATION	AREA (sq km)
within Noise Limited Contour	887630	52204.0
not affected by terrain losses	881884	51880.2
lost to NTSC IX	42717	5959.9
lost to additional IX by ATV	0	0.0
lost to all IX	42717	5959.9

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
06	WCTV	THOMASVILLE GA	BLCT	-19870630KF

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
05	WUFT	GAINESVILLE FL	182.9	LIC	BLET	-311
05	WABW-TV	PELHAM GA	0.0	APP	BPRM	-20010327AJF

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 06   WBRC     BIRMINGHAM AL            413.0  LIC    BLCT      -19880229KI
 06   WKMG-TV  ORLANDO FL               358.4  LIC    BLCT      -19960725KG
 06   WJBF     AUGUSTA GA               362.8  CP     BPCT      -19980909KE
 05   WJJN-L.A Dothan AL                152.3  AP     CUR       -PROPOSED

 Total scenarios =   1


Result key:        4
Scenario        1  Affected station        9
Before Analysis

Results for:  6N GA THOMASVILLE          BLCT      19870630KF   LIC
                                    POPULATION   AREA (sq km)
   within Noise Limited Contour      887630      52204.0
   not affected by terrain losses    881884      51880.2
   lost to NTSC IX                    44059       6155.8
   lost to additional IX by ATV           0          0.0
   lost to all IX                     44059       6155.8

 Potential Interferring Stations Included in above Scenario     1

 5N FL GAINESVILLE          BLET      311          LIC
 6N AL BIRMINGHAM           BLCT      19880229KI   LIC
 6N FL ORLANDO              BLCT      19960725KG   LIC
 6N GA AUGUSTA              BPCT      19980909KE   CP

After Analysis

Results for:  6N GA THOMASVILLE          BLCT      19870630KF   LIC
                                    POPULATION   AREA (sq km)
   within Noise Limited Contour      887630      52204.0
   not affected by terrain losses    881884      51880.2
   lost to NTSC IX                    51003       6419.6
   lost to additional IX by ATV           0          0.0
   lost to all IX                     51003       6419.6

 Potential Interferring Stations Included in above Scenario     1

 5N FL GAINESVILLE          BLET      311          LIC
 6N AL BIRMINGHAM           BLCT      19880229KI   LIC
 6N FL ORLANDO              BLCT      19960725KG   LIC
 6N GA AUGUSTA              BPCT      19980909KE   CP
 5N AL Dothan               CUR       PROPOSED     AP

 The following station failed the de minimis interference criteria.
  5N AL Dothan               CUR       PROPOSED
 ERP    1.18 kW  HAAT   157.0 m  RCAMSL   245.0 m
 Antenna CDB 00000000000001

 Due to interference to the following station and scenario:     1
  6N GA THOMASVILLE          BLCT      19870630KF
 ERP   97.70 kW  HAAT   619.0 m  RCAMSL   667.0 m
 Antenna     none

 Percent new DTV interference without proposal:      5.0  BLCT      19870630KF
 Percent new DTV interference with proposal:         5.7  BLCT      19870630KF
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     Analysis of Interference to Affected Station  10


Analysis of current record
Channel     Call           City/State        Application Ref. No.
   05      WJJN-L.A   Dothan AL                CUR       -PROPOSED

     Stations Potentially Affecting This Station

Chan   Call      City/State           Dist(km) Status  Application Ref. No.
 05   WKRG-TV  MOBILE AL               240.8  LIC    BLCT      -19860718KE
 05   WCFT-TV  TUSCALOOSA AL           313.5  APP    BPRM      -20020703ABJ
 05   WUFT     GAINESVILLE FL          333.9  LIC    BLET      -311
 05   WAGA     ATLANTA GA              300.1  LIC    BLCT      -20001128AAS
 05   WABW-TV  PELHAM GA               152.3  APP    BPRM      -20010327AJF
 06   WCTV     THOMASVILLE GA          152.3  LIC    BLCT      -19870630KF

 Total scenarios =   1


Result key:        5
Scenario        1  Affected station       10
Before Analysis

Results for:  5N AL Dothan              CUR       PROPOSED     AP
                                  POPULATION   AREA (sq km)
   within Noise Limited Contour       82854       1159.5
   not affected by terrain losses     82854       1159.5
   lost to NTSC IX                        0          0.0
   lost to additional IX by ATV           0          0.0
   lost to all IX                         0          0.0

 Potential Interferring Stations Included in above Scenario     1

 *Percent new DTV interference without proposal:      0.0  CUR       PROPOSED
 *Percent new DTV interference with proposal:         0.0  CUR       PROPOSED


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FINISHED FINISHED FINISHED FINISHED FINISHED FINISHED
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