WABW-DT CHANNEL 5 MINOR MODIFICATION OF CONSTRUCTION PERMIT APPLICATION FOR PRE-TRANSITION DTV OPERATION

PELHAM, GEORGIA

(Georgia Public Telecommunications Commission)

KESSLER AND GEHMAN ASSOCIATES, INC.
TELECOMMUNICATIONS CONSULTING ENGINEERS

20080226

Prepared by William T. Godfrey, Jr.

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

ENGINEERING TECHNICAL STATEMENT PREPARED BY WILLIAM T. GODFREY, JR. OF THE FIRM KESSLER AND GEHMAN ASSOCIATES, INC., TELECOMMUNICATIONS CONSULTING ENGINEERS IN CONNECTION WITH A MINOR MODIFICATION OF CONSTRUCTION PERMIT APPLICATION (BMPEDT-20020923ABD) FOR THE GEORGIA PUBLIC TELECOMMUNICATIONS COMMISSION DTV BROADCAST FACILITY, WABW-DT CHANNEL 5, PELHAM, GA

The firm Kessler and Gehman Associates, Inc. has been retained by the Georgia Public Telecommunications Commission (GPTC), Atlanta, GA to prepare engineering studies and the engineering portion of a minor modification of construction permit application (BMPEDT-20020923ABD) requesting to change transmitter sites from the authorized Thomasville, GA site to the GPTC-owned WABW Pelham, GA site. The proposed site is approximately 55 km NNW of the authorized site and is much closer to the assigned principal community of Pelham, GA. This application for GPTC's pre-transition digital Channel 5 facility also requests authorization to decrease antenna height, decrease Effective Radiated Power (ERP), and change antenna azimuth patterns.

Discussion

GPTC is authorized to operate WABW-DT on DTV Channel 5 with an ERP of 3.8 kW at an antenna height radiation center of 457 meters AGL using a side-mounted, directional antenna at the WCTV tower site located in Thomasville, GA. During the very early stages of the DTV transition (2002), GPTC filed an application to collocate with the WCTV-TV Channel 6 facility on the Thomasville, GA tower so that the WABW-DT facility could operate on a low-band VHF channel (Channel 5). During Pre-Channel elections, GPTC learned that WCTV was releasing Channel 6 and locking-in Channel 46 for its post-transition DTV operation. The Thomasville tower owner informed GPTC that it would have to spend millions of dollars if it wanted to operate its digital facility at the WCTV site due to major tower strengthening requirements, antenna and transmission line installation, transmitter building modifications and leasing fees. GPTC realized that the best

place to operate the WABW-DT pre-transition and post-transition facilities is at its own Pelham, GA transmitter site where the WABW-TV Channel 14 facility is licensed to operate. Also, since WCTV released Channel 6, GPTC was able to release Channel 5 and lock-in Channel 6 for its post-transition DTV operation which will no longer require collocation on the WCTV tower.

GPTC requests FCC authorization to make the following changes for the WABW-DT Channel 5 pre-transition facility: 1) change transmitter locations from the authorized Thomasville, GA site (N Latitude 30°-40'-13" and W Longitude 083°-56'-26") to the proposed WABW-TV analog site (N Latitude 31°-08'05" and W Longitude 084°-06'-16"); 2) change antenna system from the authorized Dielectric model THA-C3-5/15-1 side-mount, directional antenna to the proposed Dielectric model THA-P4-1M/4H-1 side-mount, directional antenna; 3) decrease the antenna height radiation center from the authorized height of 457 meters AGL to the proposed height of 153.6 meters AGL; and 4) decrease the ERP from the authorized 3.8 kW to the proposed 0.16 kW. The proposed, azimuth pattern, reduced power and antenna height would maintain freeze compliance (Exhibit 10) and would easily serve the principal community of Pelham, GA (Exhibit 11).

Exhibit 10 is an FCC coverage contour map depicting the authorized F(50,90) 28.0 dBuV/m protected noise limited contour (black contour) and the proposed F(50,90) 28.0 dBuV/m protected noise limited contour (red contour). It can be seen that the proposed noise limited contour would be completely encompassed by the authorized noise limited contour in all azimuthal directions. The zoomed-in view in the upper right hand corner of the exhibit demonstrates that the proposed facility would not violate the freeze.

Exhibit 11 is a principal community contour map demonstrating that the proposed WABW-DT Channel 5 F(50,90) 35.0 dBuV/m Principal Community contour would completely encompass the licensed community of Pelham, GA.

Interference Studies

Interference studies are not required since the authorized F(50,90) 28.0 dBuV/m noise limited contour will fully encompass the proposed F(50,90) 28.0 dBuV/m noise limited contour in all azimuthal directions. It should be noted that Longley-Rice studies, using 1 km cell sized grids, demonstrate that the proposed facility would not cause additional interference.

Transmitter Site

The proposed WABW-DT antenna is a Dielectric model THA-P4-1M/4H-1 directional antenna that will be side-mounted on the WABW-DT tower and will be used for digital Channel 5 pre-transition operation and as a future auxiliary antenna for digital Channel 6 post-transition operation. The tower is registered with the FCC and the Antenna Structure Registration Number (ASRN) is 1018785. The support structure is located off of Highway 93E, approximately three miles east of Pelham, GA (Exhibit 9). The proposed antenna height radiation center is 152.4 meters AGL (Exhibit 3).

Exhibits

Exhibits 1 and 2 represent WABW's administration data, antenna and antenna structure specifications.

Exhibit 3 depicts the profile view of the proposed antenna on the antenna structure with all the appropriate elevations.

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

Exhibits 6 (11 deg) and 7 (90 deg) display the elevation pattern and Exhibit 8 displays the elevation pattern tabulation.

Exhibit 9 depicts the location of the WABW-DT site on a 7.5-Minute (Series) Topographic map.

Exhibit 10 is an FCC coverage contour map depicting the authorized F(50,90) 28.0 dBuV/m protected noise limited contour (black contour) and the proposed F(50,90) 28.0 dBuV/m protected noise limited contour (red contour).

Exhibit 11 depicts the proposed WABW-DT F(50,90) 35.0 dBuV/m Principal Community contour, boundaries of the principal community to be served, and the transmitter location with radials every 45° and demonstrates that the principal community requirement would be satisfied by completely encompassing the entire city limits of Pelham, GA.

Environmental Impact

The proposed construction would have no significant environmental impact as defined in §1.1307 of the FCC Rules. The DTV transmitter, 7/8 inch (50-ohm) transmission line and antenna system shall produce an ERP of 0.16 kW. Assuming the maximum lobe of radiation were oriented toward the base of the tower, the proposed WABW-DT facility's power density six feet above the ground would be 0.0002 mW/cm^2. That would only be 0.02% of the Maximum Permissible Exposure (MPE) limits for Occupational/Controlled Exposure and only 0.12% of the MPE limits for General Population/Uncontrolled Exposure authorized by the American National Standards Institute (ANSI).

Since operation of the proposed WABW-DT Channel 5 facility would not exceed 5.0% of the MPE limit for Occupational/Controlled Exposure or General Population/Uncontrolled Exposure at any point on the ground, the proposed WABW-DT facility would not be considered 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 would 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 electromagnetic radiation emanating from the antenna.

Certification

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 in 1993. As a Professional in the field of Telecommunications 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.

WILLIAM T. GODFREY, JR.
Telecommunications Technical Consultant 26 February, 2008

WABW-DT Channel 5

Pelham, Georgia

ENGINEERING SPECIFICATIONS

A. ***Transmitter Site:***

Geographic coordinates (NAD27):

North Latitude	**31° 08' 05"**
West Longitude	**84° 06' 16"**

Transmitter Site Address: **3 miles east of Pelham, GA off of Highway 93E**

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

C. ***Proposed Facility:***

DTV Channel	Number	**5**
	Frequency	**76-82 MHz**
	Offset	**N/A**

D. ***Antenna Height:***

Height of Site Above Mean Sea Level (AMSL)	**99.1 M**
Overall Height of Structure Above Ground (including all appurtenances)	**372.8 M**
Overall Height of Structure Above Mean Sea Level (including all appurtenances)	**471.9 M**
Height of Site Above Average Terrain	**15.6 M**
Antenna Height Radiation Center (R/C) Above Ground	**153.6 M**
Antenna Height R/C Above Mean Sea Level	**252.7 M**
Average of All Non-Odd Radials	**83.5 M**
Antenna Height R/C Above Average Terrain	**169.2 M**

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

Transmitter Power Required	**0.11 kW**
Maximum Power Input to Antenna	**0.07 kW**
Total System Loss	**1.89 dB**
Transmission Line Efficiency	**64.8%**
Maximum Antenna Gain in Beam Maximum	**3.62 dB**
Maximum Antenna Gain in Horizontal Plane	**3.62 dB**
Maximum Effective Radiated Power	**-7.96 dBk**
In Beam Maximum	**0.16 kW**
Maximum Effective Radiated Power	**-7.96 dBk**
In Horizontal Plane	**0.16 kW**

WABW-DT Channel 5

Pelham, Georgia

DATA FOR PROPOSED DIRECTIONAL TRANSMITTING ANTENNA

A. ***Antenna:*** Dielectric Model THA-P4-1M/4H-1, Horizontally Polarized, Directional, Side-mount Antenna.

B. ***Electrical Beam Tilt:*** 0.0˚

C. ***Mechanical Beam Tilt:*** None

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

Maximum:	2.3 (3.62 dB)
Horizontal:	2.3 (3.62 dB)

E. ***Length:*** 9.7 feet (3.0 meters) not including appurtenances.

F. ***TPO:*** 0.11 kW

G. ***Null Fill:*** None

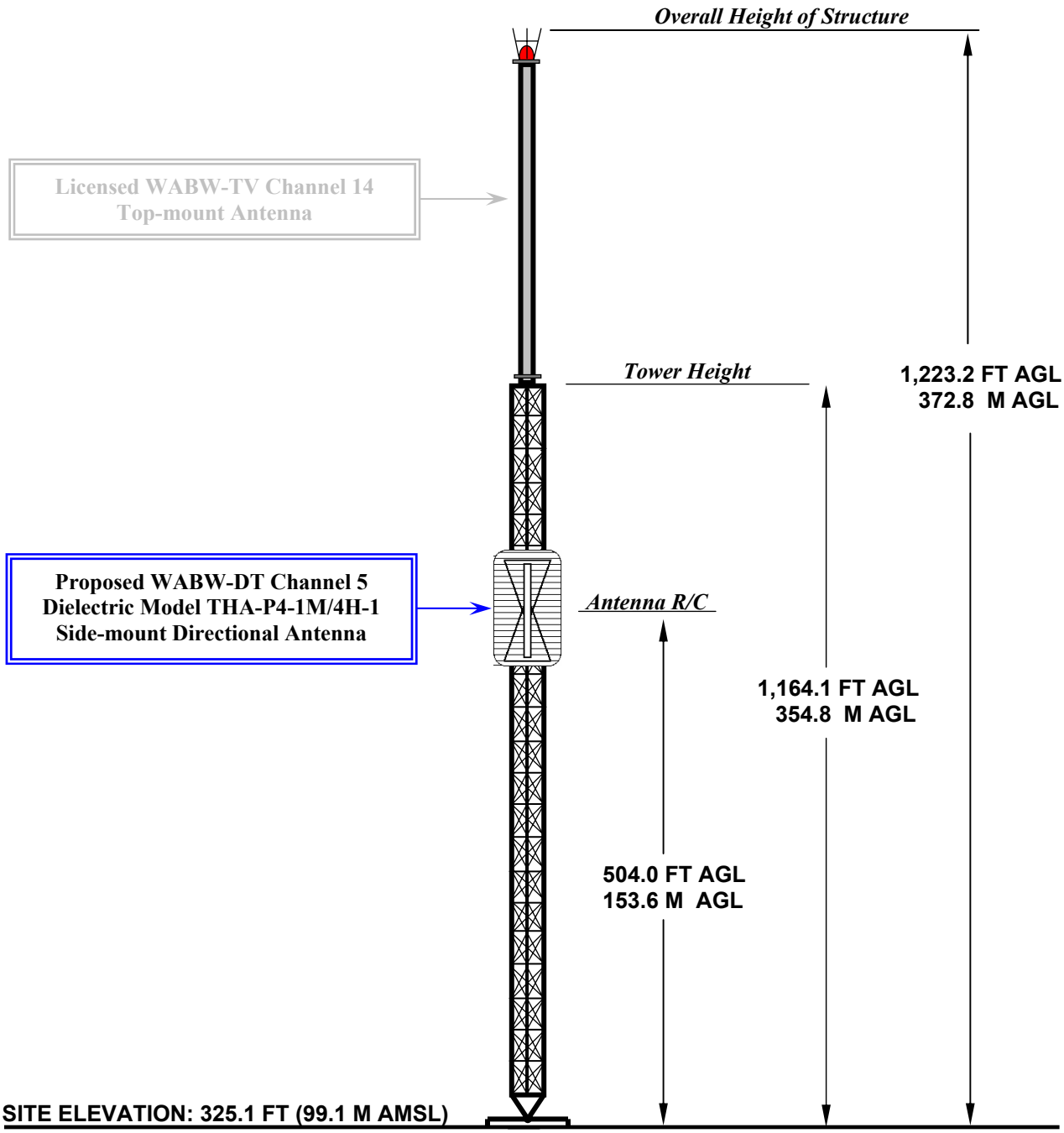
H. ***Transmission Line:*** 7/8" 50 ohm Heliax Line

I. ***Transmission Line Loss:*** 0.326 dB/100-feet

J. ***Total Transmission Line:*** 580 feet

K. ***Transmission Line Attenuation:*** 1.89 dB

PROPOSED WABW-DT ELEVATION VIEW



OVERALL HEIGHT AGL:	372.8	M
OVERALL HEIGHT AMSL:	471.9	M
RADIATION CENTER AGL:	153.6	M
RADIATION CENTER AMSL:	252.7	M
RADIATION CENTER HAAT:	169.2	M
AVG OF ALL NON-ODD RADIALS:	83.5	M
SITE HAAT:	15.6	M

COORDINATES (NAD 27):

N. LATITUDE 31° 08’ 05”

W. LONGITUDE 84° 06’ 16”

Antenna Structure Registration Number:
1018785

NOTE: NOT TO SCALE

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WABW-DT CHANNEL 5

PELHAM, GEORGIA

20080225 EXHIBIT 3

Dielectric

Proposal Number	**C-01255**		
Date	**6-Apr-07**		
Call Letters	**WABW-DT**	Channel	**5**
Location	**Pelham, GA**		
Customer	**GA Public TV**		
Antenna Type	**THA-P4-1M/4H-1**		

AZIMUTH PATTERN

Gain	**2.10**	**(3.22 dB)**	Frequency	**79.00 MHz**	
Calculated / Measured		**Calculated**	Drawing #	**THA-P4S-0790**	

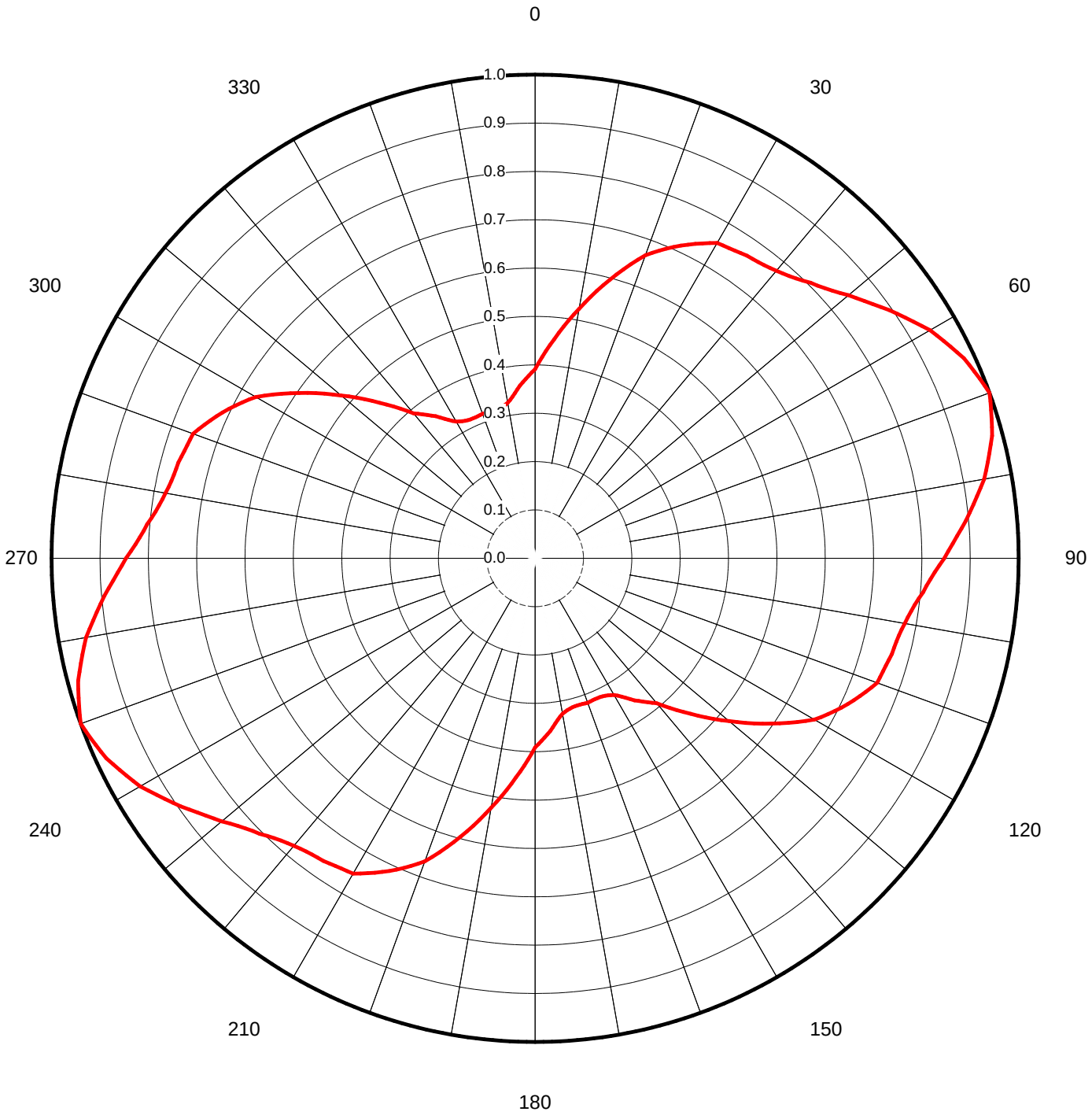


EXHIBIT 4

Dielectric

Proposal Number	**C-01255**
Date	**6-Apr-07**
Call Letters	**WABW-DT** Channel **5**
Location	**Pelham, GA**
Customer	**GA Public TV**
Antenna Type	**THA-P4-1M/4H-1**

TABULATION OF AZIMUTH PATTERN

Azimuth Pattern Drawing #: **THA-P4S-0790**

Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field
0	0.391	45	0.805	90	0.846	135	0.455	180	0.391	225	0.805	270	0.846	315	0.455
1	0.404	46	0.812	91	0.836	136	0.442	181	0.404	226	0.812	271	0.836	316	0.442
2	0.416	47	0.819	92	0.827	137	0.429	182	0.416	227	0.819	272	0.827	317	0.429
3	0.429	48	0.827	93	0.819	138	0.416	183	0.429	228	0.827	273	0.819	318	0.416
4	0.442	49	0.836	94	0.812	139	0.404	184	0.442	229	0.836	274	0.812	319	0.404
5	0.455	50	0.846	95	0.805	140	0.391	185	0.455	230	0.846	275	0.805	320	0.391
6	0.469	51	0.855	96	0.798	141	0.384	186	0.469	231	0.855	276	0.798	321	0.384
7	0.483	52	0.864	97	0.791	142	0.378	187	0.483	232	0.864	277	0.791	322	0.378
8	0.496	53	0.874	98	0.785	143	0.371	188	0.496	233	0.874	278	0.785	323	0.371
9	0.510	54	0.884	99	0.780	144	0.365	189	0.510	234	0.884	279	0.780	324	0.365
10	0.524	55	0.894	100	0.776	145	0.359	190	0.524	235	0.894	280	0.776	325	0.359
11	0.538	56	0.904	101	0.772	146	0.351	191	0.538	236	0.904	281	0.772	326	0.351
12	0.553	57	0.913	102	0.769	147	0.344	192	0.553	237	0.913	282	0.769	327	0.344
13	0.567	58	0.923	103	0.767	148	0.337	193	0.567	238	0.923	283	0.767	328	0.337
14	0.582	59	0.933	104	0.765	149	0.331	194	0.582	239	0.933	284	0.765	329	0.331
15	0.596	60	0.943	105	0.764	150	0.326	195	0.596	240	0.943	285	0.764	330	0.326
16	0.610	61	0.950	106	0.761	151	0.323	196	0.610	241	0.950	286	0.761	331	0.323
17	0.625	62	0.957	107	0.759	152	0.321	197	0.625	242	0.957	287	0.759	332	0.321
18	0.639	63	0.964	108	0.756	153	0.319	198	0.639	243	0.964	288	0.756	333	0.319
19	0.653	64	0.971	109	0.754	154	0.318	199	0.653	244	0.971	289	0.754	334	0.318
20	0.667	65	0.978	110	0.753	155	0.317	200	0.667	245	0.978	290	0.753	335	0.317
21	0.677	66	0.983	111	0.745	156	0.317	201	0.677	246	0.983	291	0.745	336	0.317
22	0.686	67	0.987	112	0.737	157	0.317	202	0.686	247	0.987	292	0.737	337	0.317
23	0.695	68	0.992	113	0.729	158	0.317	203	0.695	248	0.992	293	0.729	338	0.317
24	0.705	69	0.996	114	0.721	159	0.317	204	0.705	249	0.996	294	0.721	339	0.317
25	0.713	70	1.000	115	0.713	160	0.318	205	0.713	250	1.000	295	0.713	340	0.318
26	0.721	71	0.996	116	0.705	161	0.317	206	0.721	251	0.996	296	0.705	341	0.317
27	0.729	72	0.992	117	0.695	162	0.317	207	0.729	252	0.992	297	0.695	342	0.317
28	0.737	73	0.987	118	0.686	163	0.317	208	0.737	253	0.987	298	0.686	343	0.317
29	0.745	74	0.983	119	0.677	164	0.317	209	0.745	254	0.983	299	0.677	344	0.317
30	0.753	75	0.978	120	0.667	165	0.317	210	0.753	255	0.978	300	0.667	345	0.317
31	0.754	76	0.971	121	0.653	166	0.318	211	0.754	256	0.971	301	0.653	346	0.318
32	0.756	77	0.964	122	0.639	167	0.319	212	0.756	257	0.964	302	0.639	347	0.319
33	0.759	78	0.957	123	0.625	168	0.321	213	0.759	258	0.957	303	0.625	348	0.321
34	0.761	79	0.950	124	0.610	169	0.323	214	0.761	259	0.950	304	0.610	349	0.323
35	0.764	80	0.943	125	0.596	170	0.326	215	0.764	260	0.943	305	0.596	350	0.326
36	0.765	81	0.933	126	0.582	171	0.331	216	0.765	261	0.933	306	0.582	351	0.331
37	0.767	82	0.923	127	0.567	172	0.337	217	0.767	262	0.923	307	0.567	352	0.337
38	0.769	83	0.913	128	0.553	173	0.344	218	0.769	263	0.913	308	0.553	353	0.344
39	0.772	84	0.904	129	0.538	174	0.351	219	0.772	264	0.904	309	0.538	354	0.351
40	0.776	85	0.894	130	0.524	175	0.359	220	0.776	265	0.894	310	0.524	355	0.359
41	0.780	86	0.884	131	0.510	176	0.365	221	0.780	266	0.884	311	0.510	356	0.365
42	0.785	87	0.874	132	0.496	177	0.371	222	0.785	267	0.874	312	0.496	357	0.371
43	0.791	88	0.864	133	0.483	178	0.378	223	0.791	268	0.864	313	0.483	358	0.378
44	0.798	89	0.855	134	0.469	179	0.384	224	0.798	269	0.855	314	0.469	359	0.384

EXHIBIT 5

Proposal Number	**C-01255**		
Date	**6-Apr-07**		
Call Letters	**WABW-DT**	Channel	**5**
Location	**Pelham, GA**		
Customer	**GA Public TV**		
Antenna Type	**THA-P4-1M/4H-1**		

ELEVATION PATTERN

RMS Gain at Main Lobe	**1.10**	**(0.41 dB)**	
RMS Gain at Horizontal	**1.10**	**(0.41 dB)**	
Calculated / Measured	**Calculated**		

Beam Tilt	**0.00 deg**
Frequency	**79.00 MHz**
Drawing #	**01H011000**

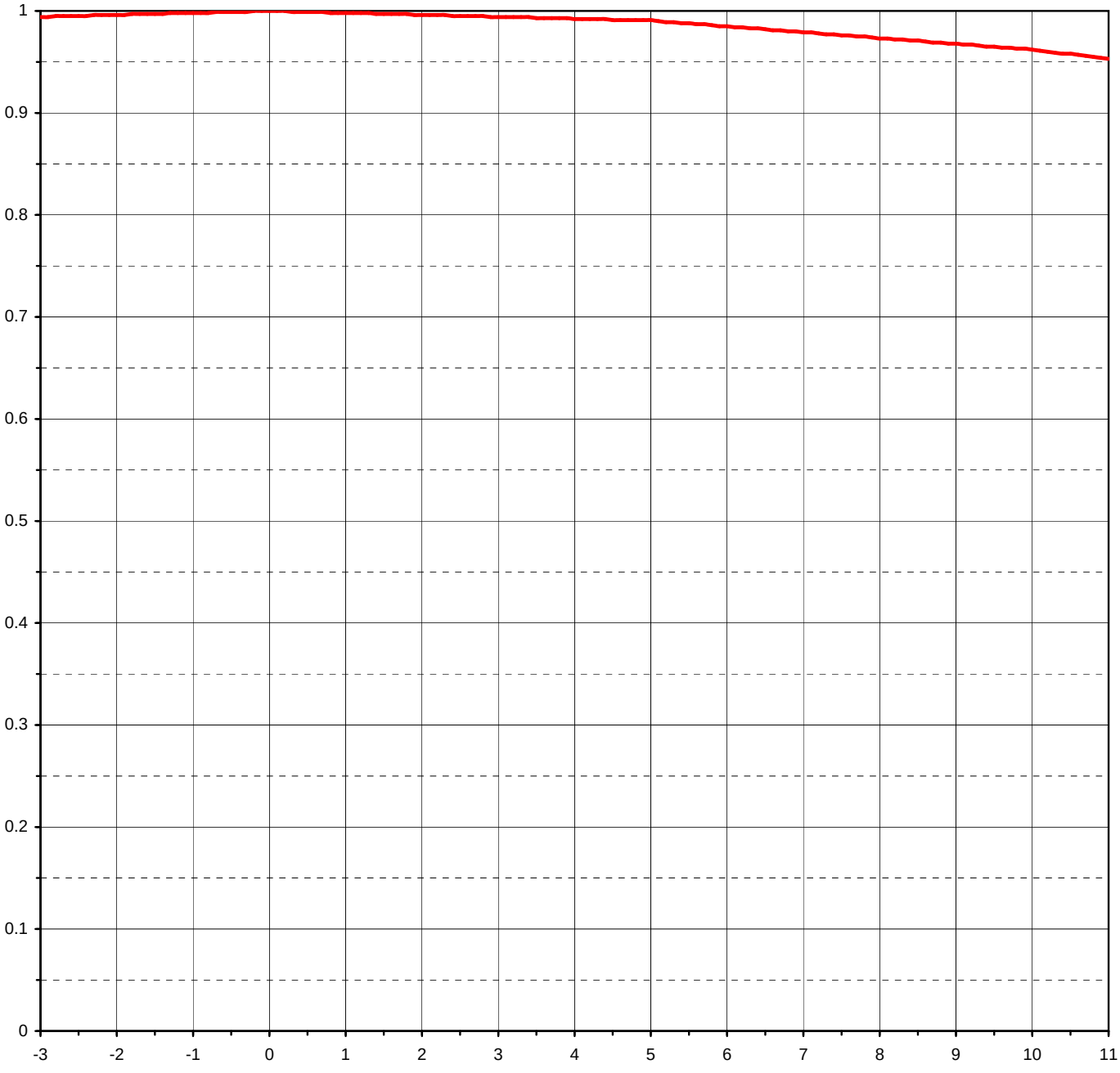


EXHIBIT 6

Dielectric

Proposal Number	**C-01255**		
Date	**6-Apr-07**		
Call Letters	**WABW-DT**	Channel	**5**
Location	**Pelham, GA**		
Customer	**GA Public TV**		
Antenna Type	**THA-P4-1M/4H-1**		

ELEVATION PATTERN

RMS Gain at Main Lobe	**1.10**	**(0.41 dB)**	Beam Tilt **0.00 deg**
RMS Gain at Horizontal	**1.10**	**(0.41 dB)**	Frequency **79.00 MHz**
Calculated / Measured	**Calculated**		Drawing # **01H011000-90**

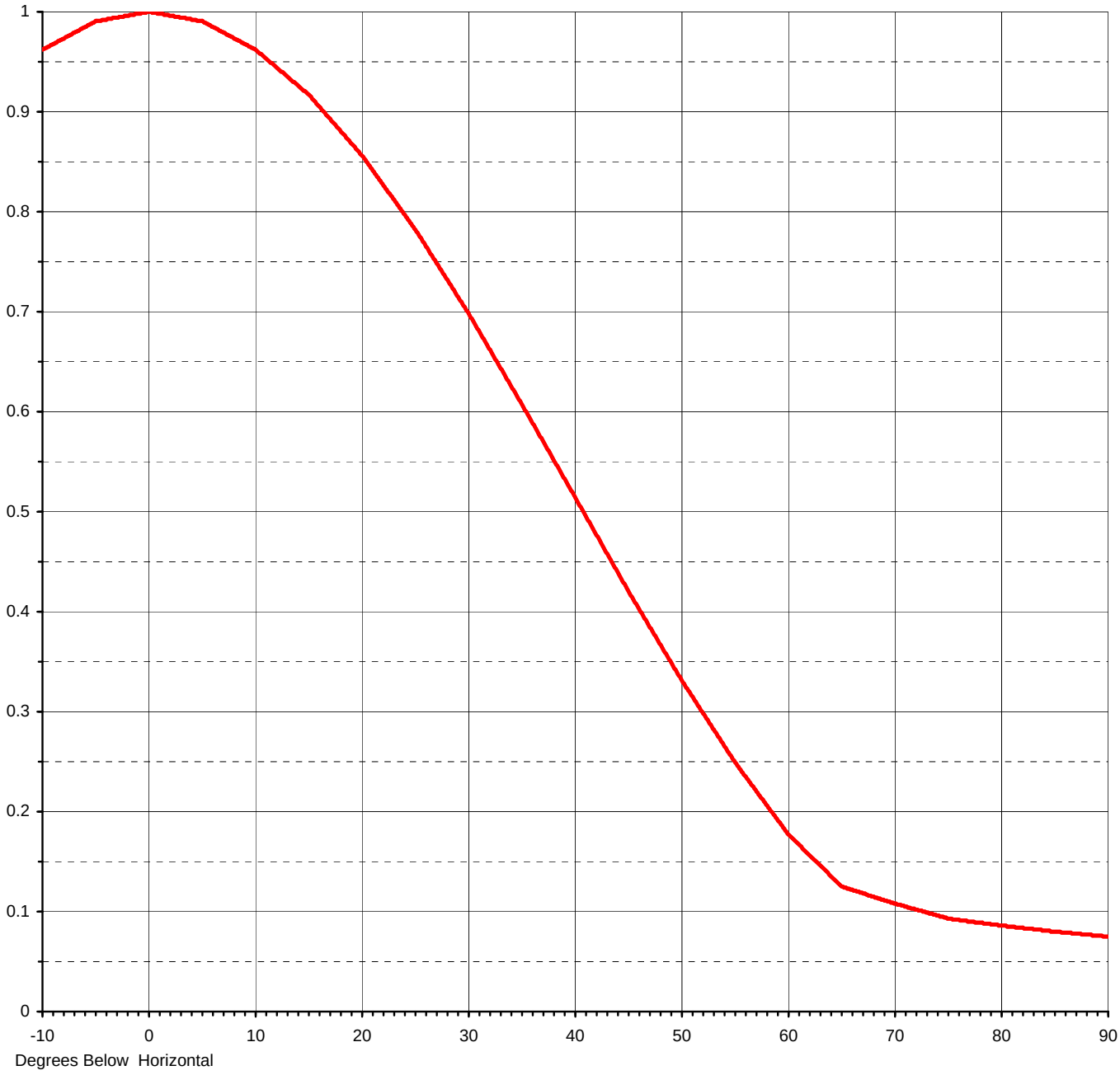


EXHIBIT 7

Dielectric

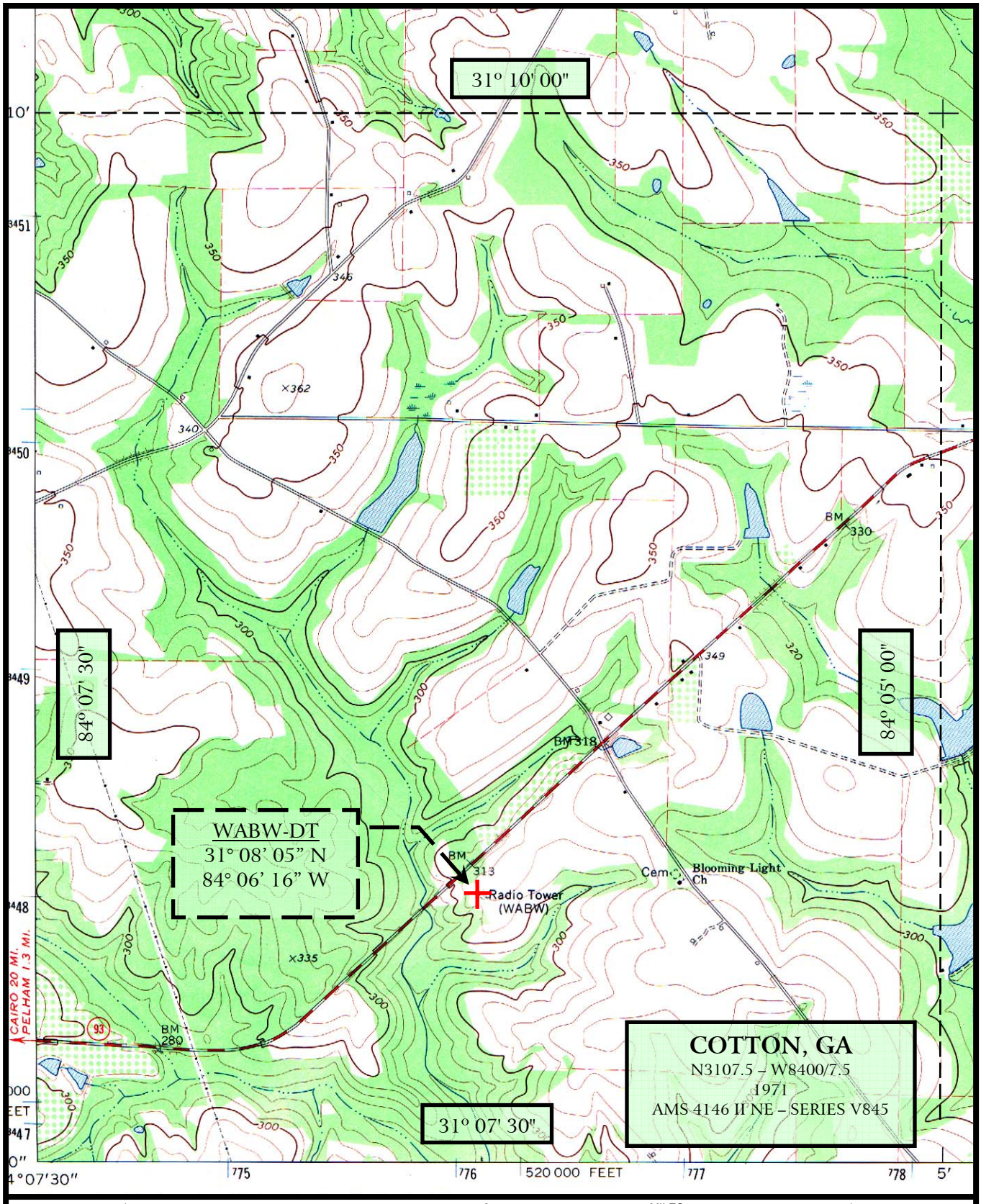
Proposal Number	**C-01255**		
Date	**6-Apr-07**		
Call Letters	**WABW-DT**	Channel	**5**
Location	**Pelham, GA**		
Customer	**GA Public TV**		
Antenna Type	**THA-P4-1M/4H-1**		

TABULATION OF ELEVATION PATTERN

Elevation Pattern Drawing #: **01H011000-90**

Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field
-10.0	0.962	2.4	0.995	10.6	0.958	30.5	0.691	51.0	0.316	71.5	0.103
-9.5	0.965	2.6	0.995	10.8	0.956	31.0	0.682	51.5	0.308	72.0	0.102
-9.0	0.968	2.8	0.995	11.0	0.954	31.5	0.673	52.0	0.300	72.5	0.101
-8.5	0.971	3.0	0.994	11.5	0.949	32.0	0.663	52.5	0.292	73.0	0.099
-8.0	0.973	3.2	0.994	12.0	0.945	32.5	0.654	53.0	0.283	73.5	0.098
-7.5	0.976	3.4	0.994	12.5	0.940	33.0	0.645	53.5	0.275	74.0	0.096
-7.0	0.979	3.6	0.993	13.0	0.936	33.5	0.636	54.0	0.267	74.5	0.095
-6.5	0.982	3.8	0.993	13.5	0.931	34.0	0.627	54.5	0.259	75.0	0.093
-6.0	0.985	4.0	0.992	14.0	0.927	34.5	0.618	55.0	0.251	75.5	0.092
-5.5	0.988	4.2	0.992	14.5	0.922	35.0	0.609	55.5	0.243	76.0	0.092
-5.0	0.991	4.4	0.992	15.0	0.918	35.5	0.600	56.0	0.236	76.5	0.091
-4.5	0.991	4.6	0.991	15.5	0.912	36.0	0.590	56.5	0.229	77.0	0.090
-4.0	0.992	4.8	0.991	16.0	0.906	36.5	0.581	57.0	0.222	77.5	0.089
-3.5	0.993	5.0	0.991	16.5	0.900	37.0	0.572	57.5	0.214	78.0	0.089
-3.0	0.994	5.2	0.989	17.0	0.894	37.5	0.562	58.0	0.207	78.5	0.088
-2.8	0.995	5.4	0.988	17.5	0.888	38.0	0.553	58.5	0.200	79.0	0.087
-2.6	0.995	5.6	0.987	18.0	0.882	38.5	0.544	59.0	0.193	79.5	0.087
-2.4	0.995	5.8	0.986	18.5	0.876	39.0	0.534	59.5	0.186	80.0	0.086
-2.2	0.996	6.0	0.985	19.0	0.869	39.5	0.525	60.0	0.178	80.5	0.085
-2.0	0.996	6.2	0.984	19.5	0.863	40.0	0.516	60.5	0.173	81.0	0.085
-1.8	0.997	6.4	0.983	20.0	0.857	40.5	0.506	61.0	0.168	81.5	0.084
-1.6	0.997	6.6	0.981	20.5	0.850	41.0	0.497	61.5	0.162	82.0	0.084
-1.4	0.997	6.8	0.980	21.0	0.843	41.5	0.488	62.0	0.157	82.5	0.083
-1.2	0.998	7.0	0.979	21.5	0.835	42.0	0.478	62.5	0.152	83.0	0.082
-1.0	0.998	7.2	0.978	22.0	0.828	42.5	0.469	63.0	0.147	83.5	0.082
-0.8	0.998	7.4	0.977	22.5	0.820	43.0	0.459	63.5	0.142	84.0	0.081
-0.6	0.999	7.6	0.976	23.0	0.813	43.5	0.450	64.0	0.136	84.5	0.081
-0.4	0.999	7.8	0.975	23.5	0.806	44.0	0.441	64.5	0.130	85.0	0.080
-0.2	1.000	8.0	0.973	24.0	0.798	44.5	0.431	65.0	0.125	85.5	0.080
0.0	1.000	8.2	0.972	24.5	0.791	45.0	0.422	65.5	0.123	86.0	0.079
0.2	1.000	8.4	0.971	25.0	0.783	45.5	0.413	66.0	0.122	86.5	0.079
0.4	0.999	8.6	0.970	25.5	0.775	46.0	0.404	66.5	0.120	87.0	0.078
0.6	0.999	8.8	0.969	26.0	0.767	46.5	0.395	67.0	0.118	87.5	0.077
0.8	0.998	9.0	0.968	26.5	0.758	47.0	0.386	67.5	0.116	88.0	0.077
1.0	0.998	9.2	0.967	27.0	0.750	47.5	0.377	68.0	0.115	88.5	0.076
1.2	0.998	9.4	0.965	27.5	0.742	48.0	0.368	68.5	0.113	89.0	0.076
1.4	0.997	9.6	0.964	28.0	0.733	48.5	0.359	69.0	0.111	89.5	0.075
1.6	0.997	9.8	0.964	28.5	0.725	49.0	0.351	69.5	0.110	90.0	0.075
1.8	0.997	10.0	0.963	29.0	0.716	49.5	0.342	70.0	0.108		
2.0	0.996	10.2	0.961	29.5	0.708	50.0	0.333	70.5	0.107		
2.2	0.996	10.4	0.959	30.0	0.700	50.5	0.324	71.0	0.105		

EXHIBIT 8



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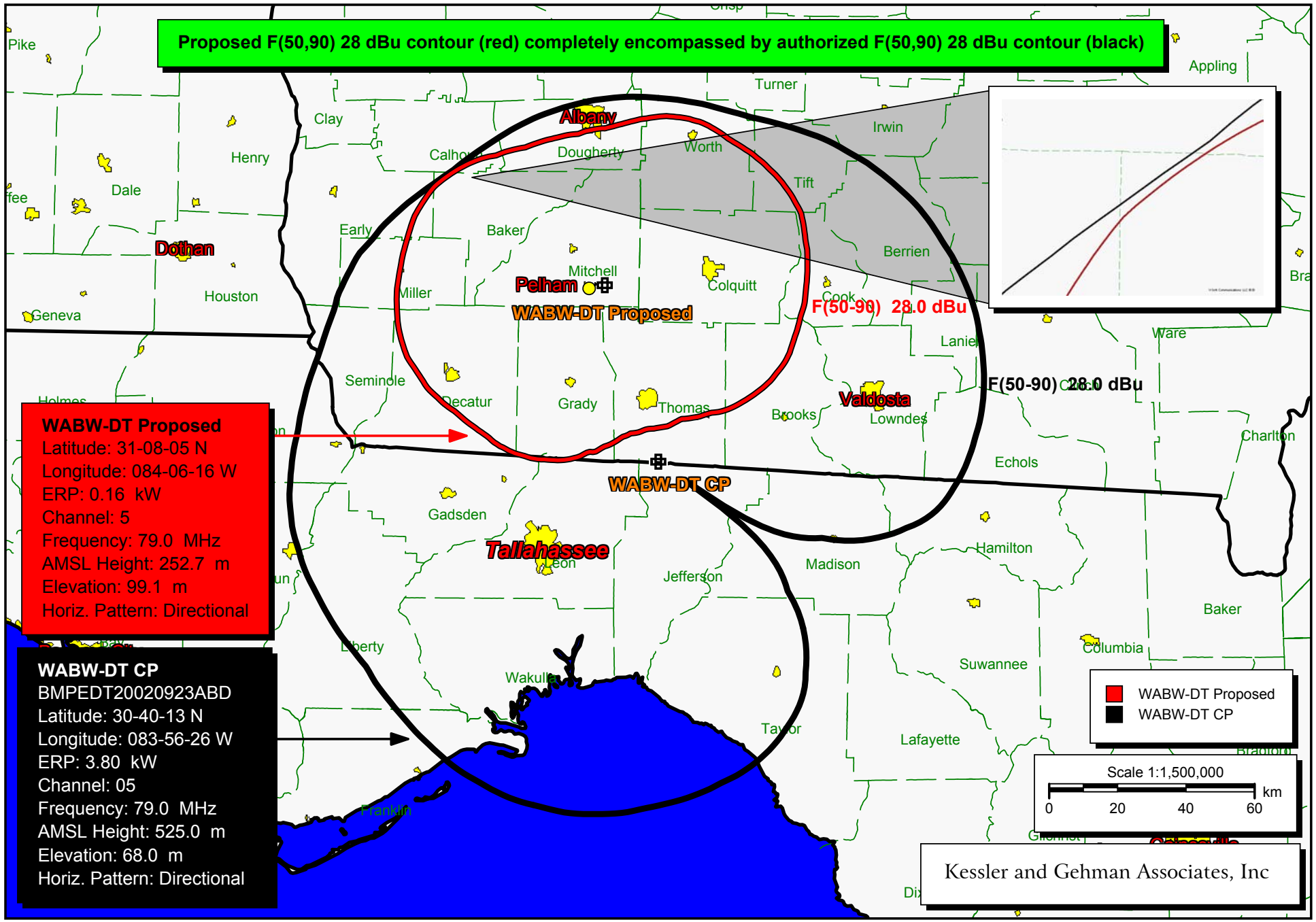
WABW-DT CHANNEL 5

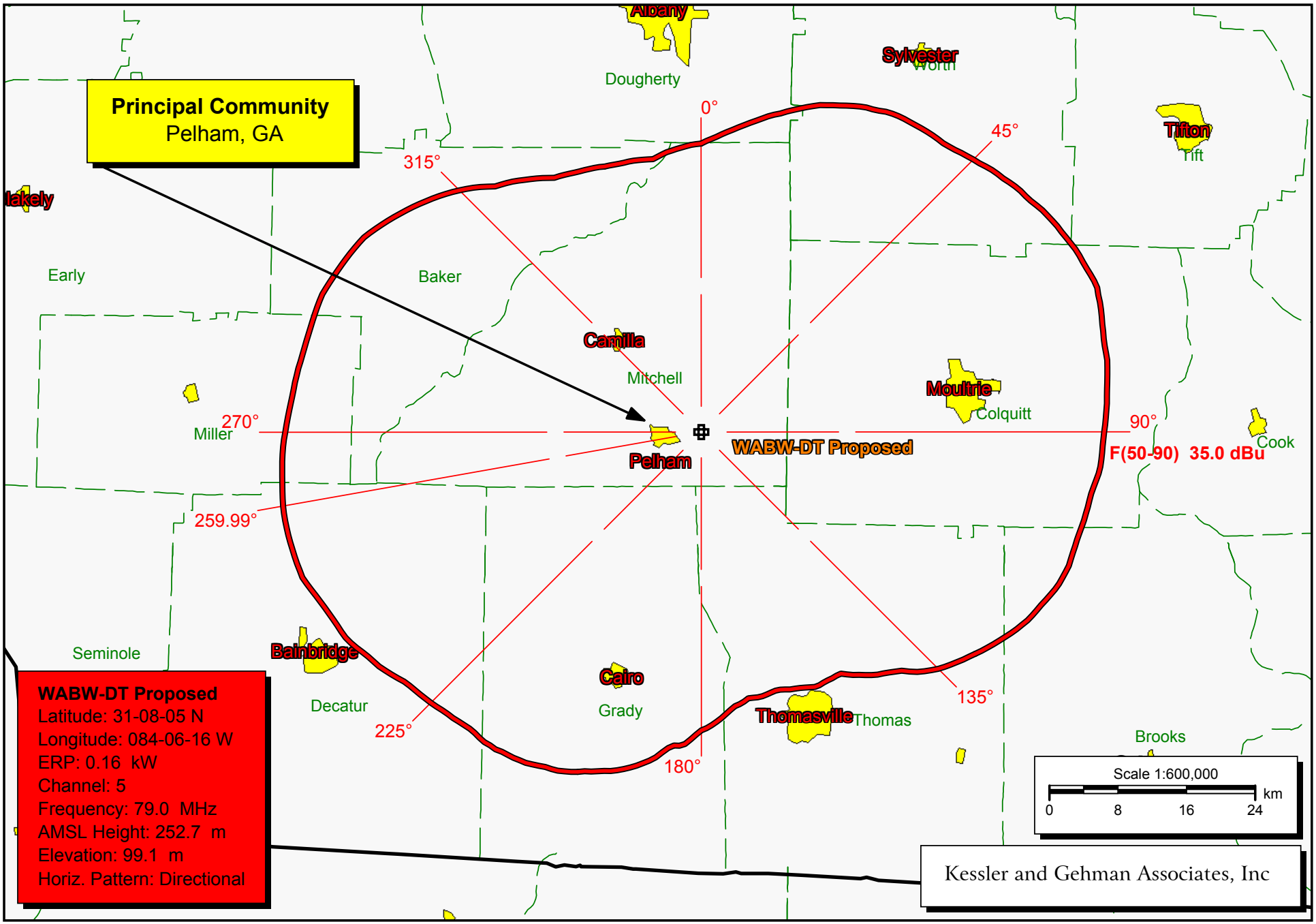
PELHAM, GEORGIA

20080225 **EXHIBIT 9**



Authorized WABW-DT Channel 5 (black) vs. Proposed WABW-DT Channel 5 (red)

Exhibit 10



Proposed WABW-DT Channel 5 F(50,90) 35.0 dBuV/m Principal Community Contour

Exhibit 11