



ANDREW ELEVATION PATTERN

ALP16L2

Type:

Directivity:

Numeric
16.59

dBd
12.20

Main Lobe

15.13

11.80

Horizontal

Beam Tilt:

0.50 Degrees

Polarization:

Channel:

Location:

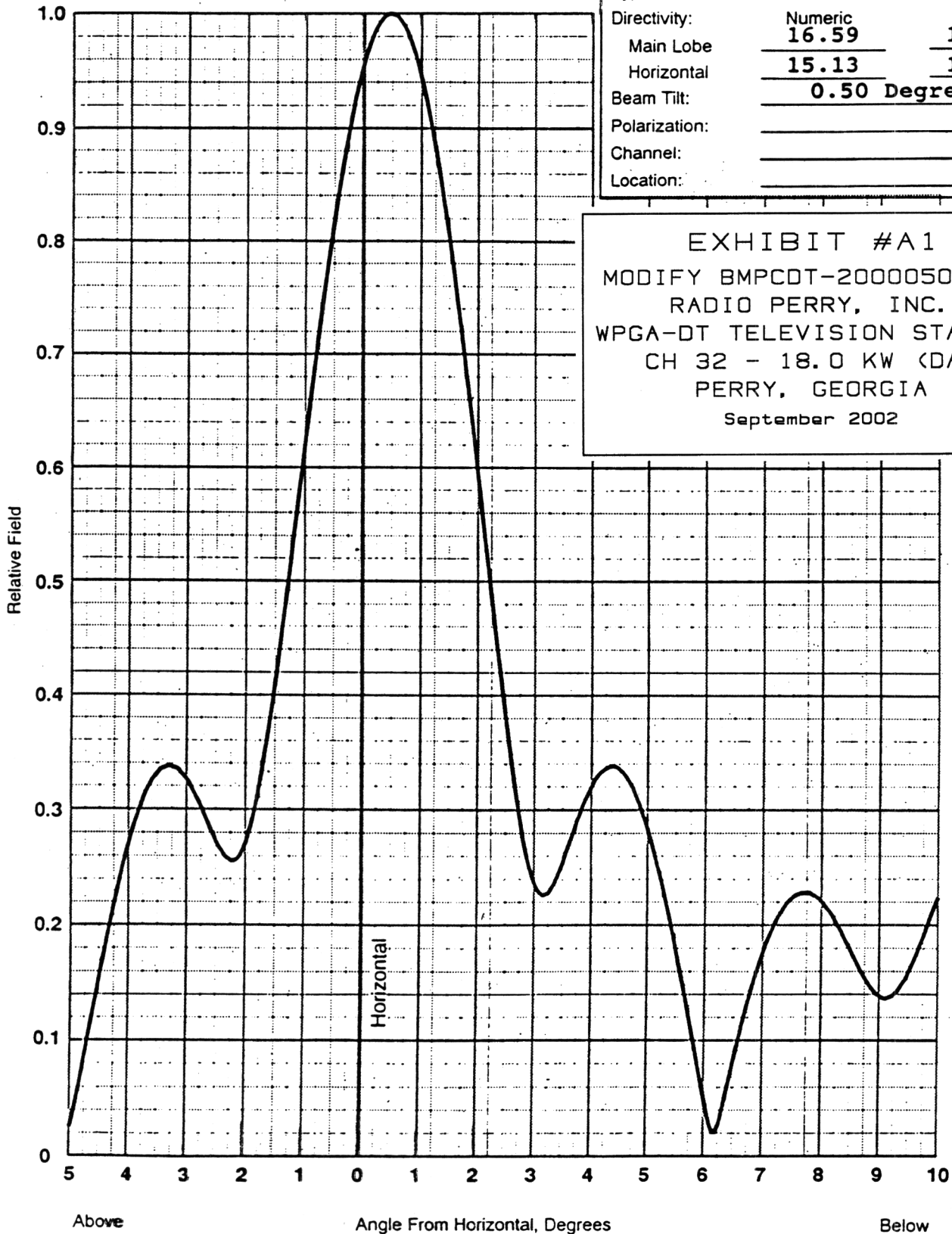


EXHIBIT #A1
MODIFY BMPCDT-20000502AAK
RADIO PERRY, INC.
WPGA-DT TELEVISION STATION
CH 32 - 18.0 KW (DA)
PERRY, GEORGIA
September 2002

ANDREW CORPORATION
10500 W. 153rd Street
Orland Park, Illinois U.S.A. 60462



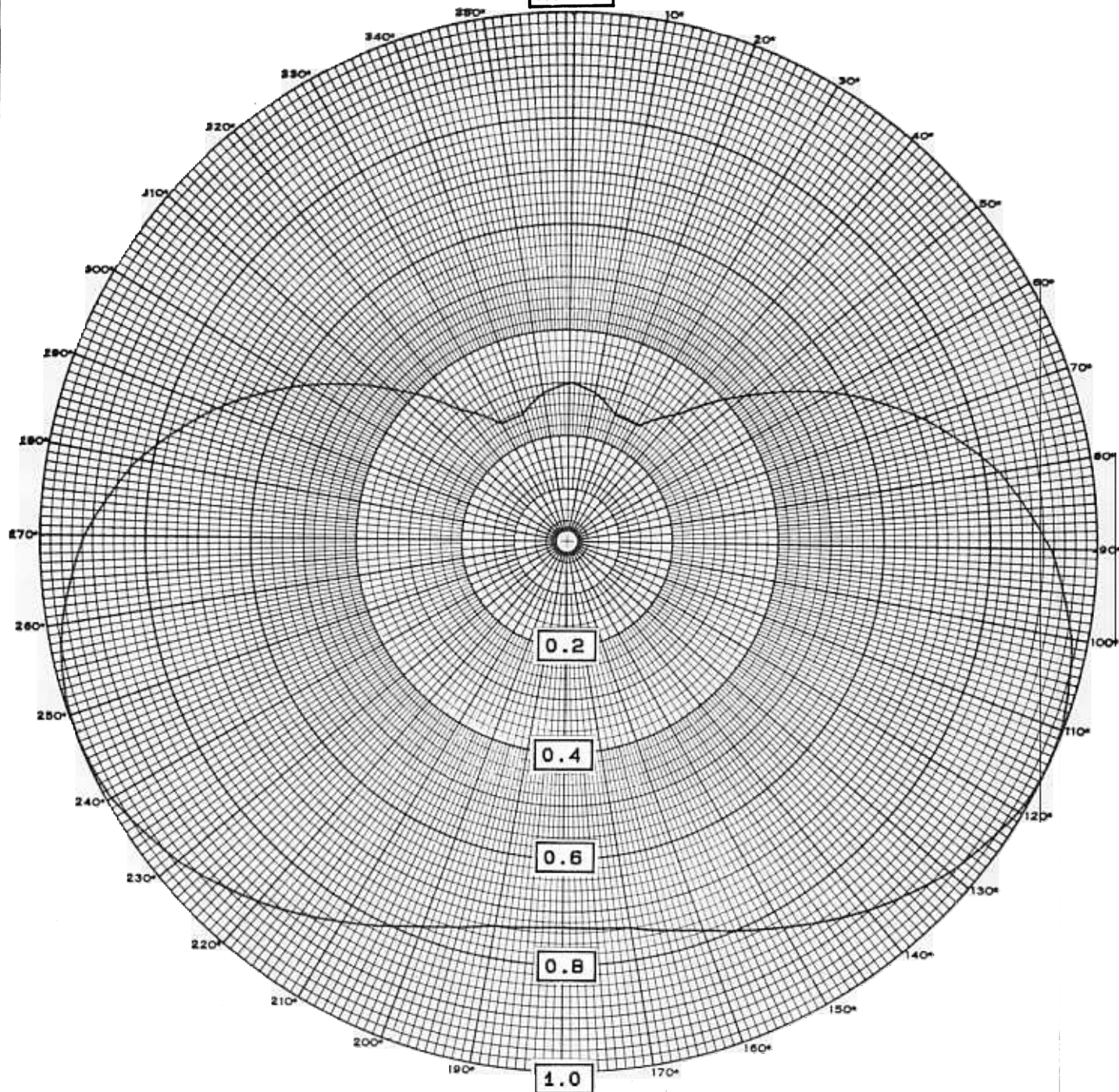
TABULATED DATA FOR ELEVATION PATTERN

TYPE ALP16L2

ANGLE	RELATIVE FIELD	dB	ANGLE	RELATIVE FIELD	dB	ANGLE	RELATIVE FIELD	dB	ANGLE	RELATIVE FIELD	dB
-5° TO 10° IN 0.25° INCREMENTS			10° TO 90° IN 0.5° INCREMENTS								
-5.00	0.025	-32.10	10.00	0.224	-12.98	40.00	0.044	-27.05	70.00	0.054	-25.34
-4.75	0.088	-21.12	10.50	0.281	-11.04	40.50	0.054	-25.30	70.50	0.056	-24.98
-4.50	0.157	-16.11	11.00	0.306	-10.30	41.00	0.066	-23.63	71.00	0.062	-24.13
-4.25	0.219	-13.19	11.50	0.295	-10.62	41.50	0.071	-22.96	71.50	0.071	-23.03
-4.00	0.271	-11.33	12.00	0.253	-11.95	42.00	0.068	-23.33	72.00	0.080	-21.90
-3.75	0.310	-10.18	12.50	0.192	-14.34	42.50	0.057	-24.85	72.50	0.091	-20.84
-3.50	0.332	-9.57	13.00	0.126	-17.97	43.00	0.040	-27.90	73.00	0.101	-19.92
-3.25	0.337	-9.44	13.50	0.069	-23.17	43.50	0.020	-34.00	73.50	0.110	-19.14
-3.00	0.326	-9.74	14.00	0.030	-30.31	44.00	0.005	-46.47	74.00	0.119	-18.50
-2.75	0.302	-10.41	14.50	0.013	-37.71	44.50	0.021	-33.39	74.50	0.126	-17.98
-2.50	0.273	-11.27	15.00	0.005	-45.54	45.00	0.036	-28.84	75.00	0.132	-17.58
-2.25	0.256	-11.83	15.50	0.006	-44.33	45.50	0.045	-26.87	75.50	0.137	-17.28
-2.00	0.271	-11.34	16.00	0.018	-34.66	46.00	0.048	-26.29	76.00	0.140	-17.08
-1.75	0.326	-9.73	16.50	0.025	-31.95	46.50	0.046	-26.74	76.50	0.142	-16.97
-1.50	0.412	-7.70	17.00	0.022	-33.32	47.00	0.039	-28.08	77.00	0.142	-16.94
-1.25	0.514	-5.77	17.50	0.007	-43.15	47.50	0.031	-30.07	77.50	0.142	-16.98
-1.00	0.622	-4.13	18.00	0.018	-34.88	48.00	0.026	-31.86	78.00	0.140	-17.09
-0.75	0.726	-2.79	18.50	0.044	-27.15	48.50	0.025	-31.90	78.50	0.137	-17.27
-0.50	0.819	-1.73	19.00	0.065	-23.77	49.00	0.029	-30.66	79.00	0.133	-17.51
-0.25	0.897	-0.94	19.50	0.074	-22.57	49.50	0.033	-29.64	79.50	0.129	-17.80
0.00	0.955	-0.40	20.00	0.071	-23.02	50.00	0.034	-29.43	80.00	0.124	-18.14
0.25	0.990	-0.09	20.50	0.061	-24.27	50.50	0.031	-30.23	80.50	0.118	-18.54
0.50	1.000	0.00	21.00	0.071	-22.98	51.00	0.024	-32.33	81.00	0.112	-18.99
0.75	0.985	-0.13	21.50	0.109	-19.22	51.50	0.015	-36.72	81.50	0.106	-19.49
1.00	0.945	-0.49	22.00	0.158	-16.03	52.00	0.003	-49.97	82.00	0.100	-20.03
1.25	0.882	-1.09	22.50	0.201	-13.93	52.50	0.009	-41.18	82.50	0.093	-20.63
1.50	0.800	-1.93	23.00	0.230	-12.78	53.00	0.020	-34.08	83.00	0.086	-21.28
1.75	0.703	-3.06	23.50	0.238	-12.47	53.50	0.029	-30.82	83.50	0.080	-21.98
2.00	0.595	-4.50	24.00	0.225	-12.96	54.00	0.035	-29.15	84.00	0.073	-22.74
2.25	0.485	-6.29	24.50	0.193	-14.28	54.50	0.038	-28.52	84.50	0.066	-23.56
2.50	0.379	-8.42	25.00	0.149	-16.52	55.00	0.037	-28.70	85.00	0.060	-24.46
2.75	0.291	-10.72	25.50	0.102	-19.86	55.50	0.033	-29.59	85.50	0.053	-25.45
3.00	0.237	-12.52	26.00	0.061	-24.26	56.00	0.028	-30.98	86.00	0.047	-26.54
3.25	0.228	-12.82	26.50	0.044	-27.21	56.50	0.025	-32.11	86.50	0.041	-27.77
3.50	0.254	-11.89	27.00	0.049	-26.19	57.00	0.026	-31.62	87.00	0.035	-29.17
3.75	0.291	-10.74	27.50	0.055	-25.23	57.50	0.033	-29.74	87.50	0.029	-30.81
4.00	0.320	-9.89	28.00	0.052	-25.72	58.00	0.041	-27.75	88.00	0.023	-32.79
4.25	0.336	-9.47	28.50	0.041	-27.82	58.50	0.049	-26.23	88.50	0.017	-35.33
4.50	0.335	-9.49	29.00	0.025	-31.94	59.00	0.055	-25.24	89.00	0.011	-38.88
4.75	0.317	-9.98	29.50	0.010	-39.92	59.50	0.058	-24.78	89.50	0.006	-44.91
5.00	0.283	-10.96	30.00	0.002	-52.17	60.00	0.057	-24.83	90.00	0.000	-99.99
5.25	0.236	-12.54	30.50	0.008	-42.21	60.50	0.054	-25.43			
5.50	0.179	-14.96	31.00	0.008	-42.34	61.00	0.046	-26.67			
5.75	0.115	-18.78	31.50	0.003	-50.10	61.50	0.036	-28.78			
6.00	0.051	-25.93	32.00	0.003	-49.97	62.00	0.024	-32.34			
6.25	0.027	-31.25	32.50	0.009	-41.40	62.50	0.011	-39.29			
6.50	0.082	-21.68	33.00	0.012	-38.59	63.00	0.007	-42.85			
6.75	0.134	-17.43	33.50	0.017	-35.59	63.50	0.021	-33.69			
7.00	0.177	-15.05	34.00	0.029	-30.66	64.00	0.035	-29.23			
7.25	0.207	-13.68	34.50	0.050	-26.04	64.50	0.047	-26.52			
7.50	0.224	-12.99	35.00	0.075	-22.49	65.00	0.058	-24.75			
7.75	0.228	-12.83	35.50	0.101	-19.93	65.50	0.066	-23.58			
8.00	0.220	-13.14	36.00	0.123	-18.20	66.00	0.072	-22.86			
8.25	0.202	-13.87	36.50	0.138	-17.20	66.50	0.075	-22.50			
8.50	0.178	-14.98	37.00	0.144	-16.86	67.00	0.075	-22.46			
8.75	0.154	-16.25	37.50	0.138	-17.19	67.50	0.073	-22.69			
9.00	0.138	-17.20	38.00	0.123	-18.23	68.00	0.069	-23.16			
9.25	0.140	-17.10	38.50	0.099	-20.07	68.50	0.064	-23.81			
9.50	0.160	-15.94	39.00	0.073	-22.79	69.00	0.059	-24.54			
9.75	0.190	-14.40	39.50	0.050	-25.96	69.50	0.055	-25.14			

EXHIBIT A2

NORTH



RELATIVE FIELD PATTERN

EXHIBIT #A3

MODIFY BMPCDT-20000502AAK

RADIO PERRY, INC.

WPGA-DT TELEVISION STATION

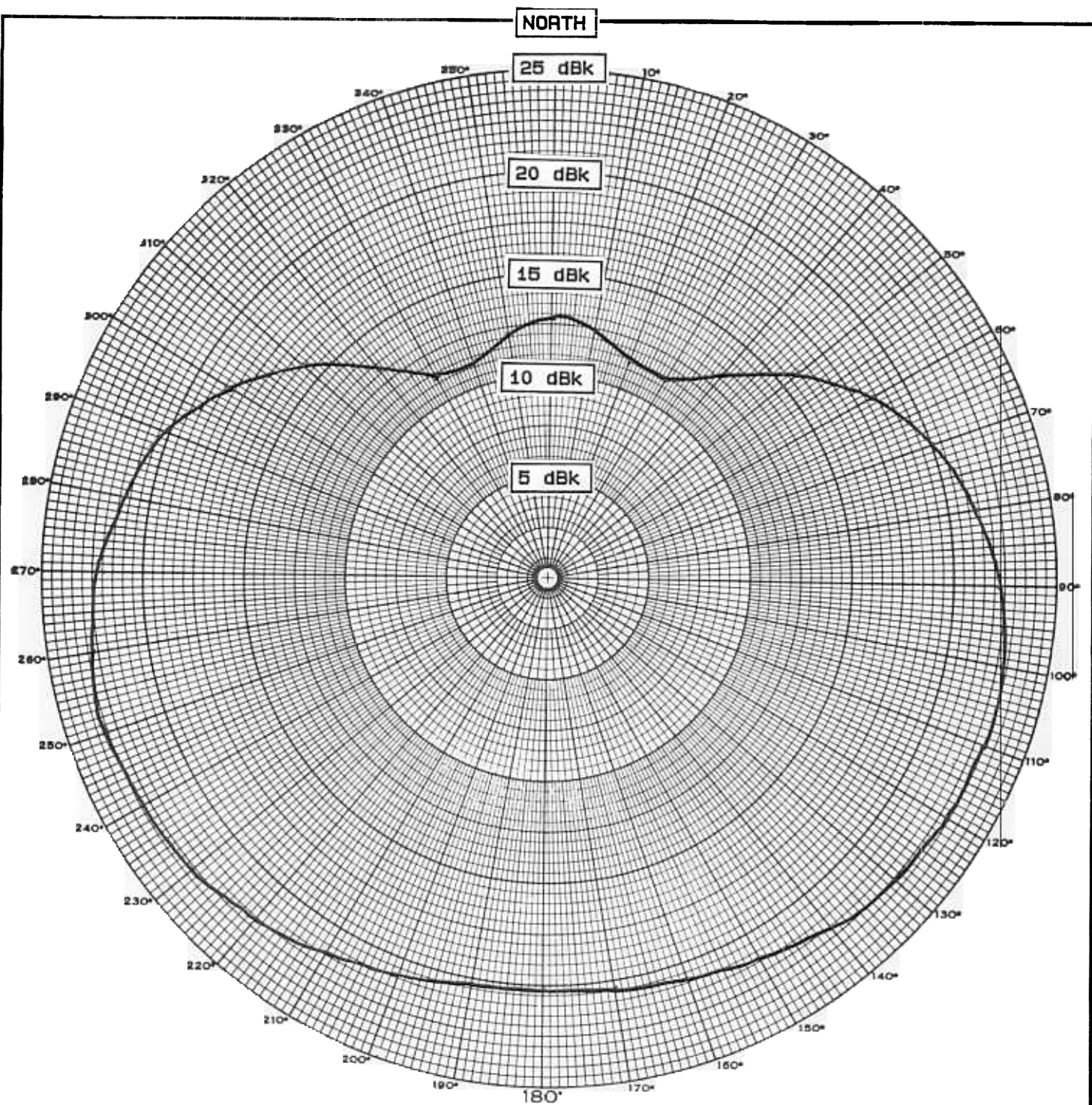
CH 32 - 18.0 KW (DA)

PERRY, GEORGIA

September 2002

GRAHAM BROCK, INC.

BROADCAST TECHNICAL CONSULTANTS



dBk PATTERN

EXHIBIT #A4
 MODIFY BMPCDT-20000502AAK
 RADIO PERRY, INC.
 WPGA-DT TELEVISION STATION
 CH 32 - 18.0 KW (DA)
 PERRY, GEORGIA
 September 2002

GRAHAM BROCK, INC.
 BROADCAST TECHNICAL CONSULTANTS

MODIFY BMPCDT-20000502AAK
RADIO PERRY, INC.
WPGA-DT TELEVISION STATION
CH 32 - 18.0 KW (DA)
PERRY, GEORGIA
September 2002

EXHIBIT A5

Predicted contours:

N. Lat. = 32 45 09 - Tabulated Service Contour Data
W. Lng. = 83 33 35 - WPGA-DT Television Station - Perry, Georgia

HAAT and Distance to Contour - FCC Method - 03 Arc Second terrain database

Azi.	AV EL	HAAT	ERP kW	dBk	Field	41-F9	48-F9
000	132.1	169.6	1.6745	2.24	.305	48.56	40.41
010	126.7	175.0	1.5034	1.77	.289	48.36	40.19
020	135.8	165.9	1.2075	0.82	.259	46.68	38.51
030	133.4	168.3	1.2075	0.82	.259	46.84	38.66
040	126.5	175.2	1.9130	2.82	.326	49.59	41.43
045	131.0	170.7	2.6819	4.28	.386	51.00	42.88
050	133.1	168.6	3.5805	5.54	.446	52.31	44.21
060	135.0	166.7	6.1390	7.88	.584	54.87	46.80
070	129.4	172.3	9.2278	9.65	.716	57.25	49.21
080	140.8	160.9	12.4600	10.96	.832	57.92	49.96
090	140.6	161.1	15.1690	11.81	.918	58.87	50.95
100	138.1	163.6	17.0411	12.31	.973	59.59	51.71
110	130.8	170.9	17.9640	12.54	.999	60.35	52.47
120	128.3	173.4	17.7132	12.48	.992	60.46	52.57
130	126.4	175.3	16.3821	12.14	.954	60.21	52.30
135	124.5	177.2	15.4346	11.88	.926	60.06	52.12
140	121.1	180.6	14.5153	11.62	.898	59.98	52.01
150	115.4	186.3	12.5501	10.99	.835	59.64	51.61
160	114.7	187.0	10.8671	10.36	.777	58.99	50.92
170	92.5	209.2	9.8036	9.91	.738	59.89	51.70
180	86.7	215.0	9.5397	9.80	.728	60.12	51.90
190	89.3	212.4	9.8036	9.91	.738	60.10	51.89
200	92.0	209.7	10.8671	10.36	.777	60.42	52.26
210	93.4	208.3	12.5501	10.99	.835	61.03	52.93
220	98.0	203.7	14.5153	11.62	.898	61.44	53.40
225	98.0	203.7	15.4346	11.88	.926	61.73	53.71
230	98.8	202.9	16.3821	12.14	.954	61.96	53.96
240	99.3	202.4	17.7132	12.48	.992	62.29	54.33
250	106.4	195.3	17.9640	12.54	.999	61.91	53.97
260	110.8	190.9	17.0411	12.31	.973	61.38	53.44
270	107.4	194.3	15.1690	11.81	.918	61.05	53.05
280	90.9	210.8	12.4600	10.96	.832	61.16	53.04
290	101.0	200.7	9.2278	9.65	.716	59.05	50.88
300	99.4	202.3	6.1390	7.88	.584	57.13	48.88
310	111.5	190.2	3.5805	5.54	.446	53.66	45.45
315	112.7	189.0	2.6819	4.28	.386	52.11	43.92
320	105.6	196.1	1.9130	2.82	.326	50.80	42.59
330	98.6	203.1	1.2075	0.82	.259	48.85	40.62
340	105.3	196.4	1.2075	0.82	.259	48.47	40.25
350	121.8	179.9	1.5034	1.77	.289	48.65	40.47

Ave El= 116.63 M HAAT= 185.07 M AMSL= 301.7 M (HAAT 8 Radials)

Additional Radials:

112	128.3	173.4	18.0000	12.55	1.000	60.53	52.65
207	93.8	207.9	12.0325	10.80	.818	60.80	52.68
246	100.9	200.8	18.0000	12.55	1.000	62.27	54.32