APPENDIX A

WPAZ FIELD STRENGTH MEASUREMENTS

(extracted from WWLG 1999 301 application (BP-19990521AD))

Appendix A - Figure 4

198° Radial Measurements

WPAZ(AM) 1370 kHz, Pottstown, PA
Proposed WWLG(AM), 1370 kHz
Baltimore, MD

May 1999
Glen Clark & Associates
Pittsburgh, PA

Non-Directional Measurements

Point #	Distance (km)	Field (mV/m)	Date	Time	Operator
1	0.161	2200	5/9/99	12:50	LD
2	1.127	170	5/9/99	13:10	LD
3	1.207	142	5/9/99	13:41	LD
4	1.448	160	5/9/99	13:51	LD
5	1.61	121	5/9/99	13:57	LD
6	1.77	115	5/9/99	14:00	LD
7	1.931	84	5/9/99	14:10	LD
8	2.092	92	5/9/99	14:17	LD
9	2.253	89	5/9/99	14:21	LD
10	2.414	70	5/9/99	14:25	LD
11	2.57	69	5/9/99	14:33	LD
12	2.74	54	5/9/99	14:36	LD
13	2.9	54	5/9/99	14:41	LD
14	4.26	28.4	5/9/99	15:32	LD
15	5.83	25	5/9/99	16:26	LD
16	7.12	14.2	5/9/99	16:35	LD
17	8.75	11.3	5/9/99	16:46	LD
18	9.38	6.4	5/9/99	17:00	LD
19	9.98	5.4	5/9/99	17:07	LD
20	10.46	5.3	5/9/99	17:14	LD
21	12.05	2.52	5/10/99	8:30	LD
22	12.55	3.6	5/10/99	8:38	LD
23	14.21	2.7	5/10/99	8:52	LD
24	15.26	1.23	5/10/99	9:01	LD
25	17.22	1.11	5/10/99	9:14	LD
26	18.19	1.32	5/10/99	9:38	LD
27	18.83	1.4	5/10/99	9:55	LD
28	22.85	0.98	5/10/99	10:15	LD
29	28	0.52	5/10/99	11:06	LD
30	37.98	0.21	5/10/99	11:52	LD
31	54.72	0.12	5/10/99	13:08	LD
32	64.7	0.068	5/10/99	13:43	LD
33	67.1	0.065	5/10/99	13:48	LD
34	72.4	0.054	5/10/99	14:05	LD
35	77.6	0.033	5/10/99	14:28	LD
36	96.4	0.055	5/10/99	15:10	LD
37	117.5	0.024	5/10/99	16:37	LD
38	130.2	0.012	5/10/99	17:56	LD
39	132.9	0.002	5/10/99	17:39	LD

Appendix A - Figure 5

218° Radial Measurements

WPAZ(AM) 1370 kHz, Pottstown, PA
Proposed WWLG(AM), 1370 kHz
Baltimore, MD

May 1999
Glen Clark & Associates
Pittsburgh, PA

Non-Directional Measurements

Point #	Distance (km)	Field (mV/m)	Date	Time	Operator	Meter SN
1	0.161	2300	5/9/99	11:43	MF	651
2	0.322	720	5/9/99	14:21	MF	651
3	0.483	480	5/9/99	14:14	MF	651
4	0.644	370	5/9/99	14:05	MF	651
5	0.805	340	5/9/99	13:52	MF	651
6	0.966	200	5/9/99	13:39	MF	651
7	1.127	190	5/9/99	13:32	MF	651
8	1.207	175	5/9/99	14:32	MF	651
9	1.448	125	5/9/99	14:38	MF	651
10	1.61	110	5/9/99	14:42	MF	651
11	1.77	105	5/9/99	14:50	MF	651
12	1.931	55	5/9/99	15:05	MF	651
13	2.092	84	5/9/99	15:10	MF	651
14	2.253	80	5/9/99	15:18	MF	651
15	2.414	72	5/9/99	15:22	MF	651
16	2.57	70	5/9/99	15:29	MF	651
17	2.74	69	5/9/99	15:36	MF	651
18	2.9	50	5/9/99	15:44	MF	651
19	3	43	5/9/99	15:49	MF	651
20	3.22	24	5/9/99	16:01	MF	651
21	3.86	54	5/9/99	16:09	MF	651
22	4.67	24	5/9/99	16:20	MF	651
23	5.87	22	5/9/99	16:43	MF	651
24	7	15	5/9/99	16:57	MF	651
25	8.61	7	5/9/99	17:19	MF	651
26	10.1	3.9	5/9/99	17:28	MF	651
27	12.2	2.7	5/9/99	17:42	MF	651
28	14.6	1.3	5/9/99	18:03	MF	651
29	17	0.82	5/10/99	8:28	MF	651
30	22.5	0.76	5/10/99	9:05	MF	651
31	29	0.6	5/10/99	9:50	MF	651
32	41.8	0.16	5/10/99	10:55	MF	651
33	47	0.125	5/10/99	12:32	MF	651
34	54.3	0.11	5/10/99	13:33	MF	651
35	65.2	0.065	5/10/99	14:42	MF	651
36	76	0.06	5/10/99	15:50	MF	651
37	85.7	0.028	5/10/99	16:28	MF	651
38	96.6	0.022	5/10/99	17:34	MF	651
39	107	0.015	5/10/99	18:10	MF	651

Appendix A - Figure 6

238° Radial Measurements

WPAZ(AM) 1370 kHz, Pottstown, PA
Proposed WWLG(AM), 1370 kHz
Baltimore, MD

May 1999
Glen Clark & Associates
Pittsburgh, PA

Non-Directional Measurements

Point #	Distance (km)	Field (mV/m)	Date	Time	Operator	Meter SN
1	0.161	1850	5/9/99	11:45	GZ	446
2	0.322	1200	5/9/99	11:56	GZ	446
3	0.483	750	5/9/99	12:03	GZ	446
4	0.644	640	5/9/99	12:14	GZ	446
5	0.805	430	5/9/99	12:25	GZ	446
6	0.966	420	5/9/99	12:30	GZ	446
7	1.127	380	5/9/99	12:35	GZ	446
8	1.207	370	5/9/99	12:40	GZ	446
9	1.448	370	5/9/99	12:45	GZ	446
10	1.61	140	5/9/99	13:03	GZ	446
11	1.77	325	5/9/99	13:15	GZ	446
12	1.931	90	5/9/99	13:45	GZ	446
13	2.092	210	5/9/99	14:00	GZ	446
14	2.253	58	5/9/99	17:13	GZ	446
15	2.414	58	5/9/99	17:10	GZ	446
16	2.57	45	5/9/99	17:00	GZ	446
17	2.74	30	5/9/99	16:50	GZ	446
18	2.9	32	5/9/99	16:43	GZ	446
19	3.06	27	5/9/99	16:40	GZ	446
20	3.22	35	5/10/99	17:30	GZ	446
21	3.67	25.5	5/10/99	9:33	GZ	446
22	3.78	37	5/10/99	9:43	GZ	446
23	4.1	21.7	5/10/99	9:52	GZ	446
24	4.91	21	5/10/99	9:56	GZ	446
25	5.31	15.7	5/10/99	10:00	GZ	446
26	5.78	10.5	5/10/99	10:06	GZ	446
27	6.12	15	5/10/99	10:28	GZ	446
28	6.6	16.5	5/10/99	10:37	GZ	446
29	8.19	10	5/10/99	10:43	GZ	446
30	8.35	7.8	5/10/99	10:46	GZ	446
31	9.49	5.6	5/10/99	10:53	GZ	446
32	10.54	4.35	5/10/99	11:30	GZ	446
33	13.86	1.7	5/10/99	12:09	GZ	446
34	16.1	1.8	5/10/99	12:19	GZ	446
35	19.8	0.62	5/10/99	12:37	GZ	446
36	20.8	0.615	5/10/99	12:40	GZ	446

37	23.3	0.55	5/10/99	12:57	GZ	446
38	25.4	0.52	5/10/99	13:27	GZ	446
39	32.3	0.5	5/10/99	14:00	GZ	446
40	33.8	0.34	5/10/99	14:40	GZ	446
41	39.3	0.1	5/10/99	15:10	GZ	446
42	49.7	0.2	5/10/99	15:30	GZ	446
43	58.3	0.165	5/10/99	16:03	GZ	446
44	64.7	0.13	5/10/99	16:26	GZ	446
45	85.3	0.045	5/10/99	17:34	GZ	446
46	91.7	0.028	5/10/99	17:48	GZ	446
47	96.1	0.036	5/10/99	18:06	GZ	446
48	105.4	0.023	5/10/99	18:23	GZ	446
49	109.9	0.022	5/10/99	18:36	GZ	446