DAYTIME GROUNDWAVE INTERFERENCE STUDY
M-10 Broadcasting, Inc.
Pikesville, MD

There are ten stations which require groundwave protection consideration from the proposed WWLG daytime facilities. These stations are:

WALK	East Patchogue, NY	1370 kHz
WPAZ	Pottstown, PA	1370 kHz
WKMC	Roaring Spring, PA	1370 kHz
WSHV	South Hill, VA	1370 kHz
WVMR	Frost, WV	1370 kHz
WNJC	Vineland, NJ	1360 kHz
WTMC	Wilmington, DE	1380 kHz
WHGT	Waynesboro, PA	1380 kHz
WBTK	Richmond, VA	1380 kHz
WWIN	Baltimore, MD	1400 kHz

Tables 14.0.0 through 14.0.9 present the tabulations of the normally protected contours for each of these stations. Measured conductivity data, extracted from the FCC's files, was used in projecting the contours for these stations whenever such measured conductivity data was found to be available. Additional field strength measurements were also conducted on WTMC. Copies of the measured conductivity data utilized in projecting the contours for these stations are contained in Appendices A, B, C, F, and G of this exhibit. The measured conductivity data for each station was supplemented with conductivity data extracted from FCC Figure M3 in areas where the measured values were not applicable. For stations where there was no measured conductivity data available, the normally protected contours were projected solely using theoretical conductivity data from FCC Figure M3.

Measured conductivity data extracted from the WWLG 2002 full proof of performance, from measurements conducted under a special field test authorization on test transmitter WW3XLG, and from additional field strength measurements conducted on

WWLG were used in projecting the daytime field strength contours for the proposed WWLG daytime facilities, which appear in Table 14.0.10. This measured conductivity data was also supplemented with theoretical conductivity data extracted from FCC Figure M3 in the areas where the measured values were not applicable. The measured conductivity data for WWLG appears in Appendices D, E, and H of this exhibit.

Figure 14.0 presents, on an M3 map base, the 25 mV/m, 5 mV/m, 0.5 mV/m, 0.25 mV/m, and 0.025 mV/m contours for the proposed WWLG daytime facilities in relation to the normally protected contours for each of the above stations. As can be seen from this figure, there will be a small area of prohibited overlap between the 0.5 mV/m contour for the proposed WWLG facilities and the 0.025 mV/m contour for WPAZ. Exhibit 13 to the attached application contains a complete discussion of this situation, as well as the appropriate waiver request. Finally, as shown in Figure 14.0.0, the proposed WWLG daytime facilities will provide the required groundwave protection to all other stations requiring consideration.

TABLE 14.0.0

NORMALLY PROTECTED CONTOURS
WALK - EAST PATCHOGUE, NY
M-10 Broadcasting, Inc.
Pikesville, MD

Azimuth (Degrees)	Radiation (mV/m at 1 km)	Conductivities (mmhos/m/ending distance (km))	0.5 mV/m Contour (km)	0.025 mV/m Contour (km)
205	209.4	0.5/2.1, 5000/591.1, 4	239.15	623.19
210	209.4	0.5/2.3, 5000/534.2, 4/537.5, 5000/544.7, 4/567.9, 5000/569.4, 4/583.6, 5000	238.04	585.00
215	209.4	0.5/2.5, 5000/311.6, 2/312.5, 5000/322.2, 2	236.46	379.68
220	209.4	0.5/2.8, 5000/174.3, 4/177, 5000/186.1, 4/188.4, 5000/194.5, 4/207.9, 5000/211.7, 4/261.2, 5000/281.8, 4	188.17	295.55
225	209.4	0.5/3.3, 5000/134.9, 4	143.74	226.50
230	209.4	0.5/3.9, 5000/116.7, 4/117.4, 5000/122, 4	130.89	213.65
235	209.4	0.5/4.8, 5000/105.7, 4	115.70	198.47
240	209.4	0.5/6.3, 5000/97.3, 4	106.07	188.83
245	209.4	0.5/9, 5000/93.2, 4	98.04	180.81
250	209.4	0.5/11.8, 5000/98.9, 4	89.93	180.80
255	209.4	0.5/17.6, 5000/29.4, 0.5/38.9, 5000/47.8, 0.5/66.4, 5000/112, 4	15.97	132.88
260	209.4	0.5	15.97	66.87
265	209.4	0.5	15.97	66.87
270	209.4	0.5/63.9, 4	15.97	68.40
275	209.4	0.5/55.2, 4/55.9, 5000/56.2, 4/64.9, 5000/78.5, 4	15.97	83.58
280	209.4	0.5/50.6, 4/56.1, 5000/58.9, 4/64.2, 5000/70.2, 4	15.97	82.54

TABLE 14.0.0 (cont'd)

Azimuth (Degrees)	Radiation (mV/m at 1 km)	Conductivities (mmhos/m/ending distance (km))	0.5 mV/m Contour (km)	0.025 mV/m Contour (km)
285	209.4	0.5/47, 4/56.8, 5000/66.6, 4	5.97	85.56
290	209.4	0.5/44.2, 4/50.9, 5000/63, 4	15.97	89.13
295	209.4	0.5/38.8, 4/39.2, 5000/41.2, 4/47.8, 5000/60.2, 1/64.8, 4	15.97	92.52
300	209.4	0.5/34.9, 4/41, 5000/58.2, 1/71.1, 4	15.97	93.41
305	209.4	0.5/32, 4/33.4, 5000/55.5, 1/78.2, 4	15.97	94.99
310	209.4	0.5/24.6, 5000/53.2, 1/85.7, 4	15.97	101.01
315	209.4	0.5/23.7, 5000/51.8, 1/93.5, 4	15.97	97.19
320	209.4	0.5/23, 5000/51.1, 1	15.97	96.19

All conductivity data extracted from FCC Figure M3.

TABLE 14.0.1

NORMALLY PROTECTED CONTOURS
WPAZ - POTTSTOWN, PA
M-10 Broadcasting, Inc.
Pikesville, MD

Azimuth (Degrees)	Radiation (mV/m at 1 km)	Conductivities (mmhos/m/ending distance (km))	0.5 mV/m Contour (km)	0.025 mV/m Contour (km)
130	313.8	4	36.87	133.31
135	313.8	4	36.87	133.31
140	313.8	4/57.4, 5000/58.6, 4	36.87	134.34
145	313.8	4/55, 5000/57.3, 4	36.87	135.29
150	313.8	4/53.1, 5000/56.4, 4	36.87	136.14
155	313.8	4/53, 500/56, 4/133.4, 5000	36.87	142.21
160	313.8	4/53.7, 5000/56.1, 4/128.5, 5000	36.87	152.92
165	313.8	4/56.1, 5000/60.2, 4/112.9, 5000/169.1, 4	36.87	178.02
170	313.8	4/61.1, 5000/66, 4/98.6, 5000/139.9, 4	36.87	168.99
175	313.8	4/67.6, 5000/99.1, 4	36.87	159.09
180	313.8	4	36.87	133.31
185	313.8	4	36.87	133.31
190	313.8	2*	26.82	103.70
195	313.8	2*	26.82	103.70
200	313.8	2*	26.82	103.70
205	313.8	2*	26.82	103.70
210	313.8	2* 1*	26.82 ---	--- 86.93
215	313.8	2* 1*	26.82 ---	--- 86.93
220	313.8	2* 1*	26.82 ---	--- 86.93

TABLE 14.0.1 (cont'd)

Azimuth (Degrees)	Radiation (mV/m at 1 km)	Conductivities (mmhos/m/ending distance (km))	0.5 mV/m Contour (km)	0.025 mV/m Contour (km)
225	313.8	2*	26.82	---
		1*	---	86.93
230	313.8	2*	26.82	103.70
235	313.8	2*	26.82	103.70
240	313.8	2*	26.82	103.70
245	313.8	2*	26.82	103.70
250	313.8	4	36.87	133.31
255	313.8	4/127.2, 2	36.87	132.27
260	313.8	4/115.5, 2	36.87	130.25
265	313.8	4/107.5, 2	36.87	128.76
270	313.8	4/101, 2	36.87	127.58
275	313.8	4/94.1, 2	36.87	126.22
280	313.8	4/86.8, 2	36.87	124.76
285	313.8	4/80.3, 2	36.87	123.43
290	313.8	4/72, 2	36.87	121.67

*Measured conductivity data extracted from WWLG 1999 301 application (BP-19990521AD) and reproduced in Appendix A of this exhibit.

All other conductivity data extracted from FCC Figure M3.

TABLE 14.0.2

NORMALLY PROTECTED CONTOURS
WKMC - ROARING SPRING, PA
M-10 Broadcasting, Inc.
Pikesville, MD

Azimuth (Degrees)	Radiation (mV/m at 1 km)	Conductivities (mmhos/m/ending distance (km))	0.5 mV/m Contour (km)	0.025 mV/m Contour (km)
40	1101.0	4/69, 2/147.6, 4	64.37	190.86
45	1088.1	4/70, 2/156.7, 4	64.03	188.89
50	1071.8	1.5*/30, 4/70.2, 2	48.38	172.20
55	1051.7	1.5*/30, 4/69.1, 2	47.85	170.85
60	1027.6	1.5*/30, 4/68.6, 2	47.21	169.37
65	999.2	1.5*/30, 4/65.6, 2	46.44	167.11
70	966.2	4/63.3, 2	60.76	176.63
75	928.7	4/61.3, 2	59.71	173.92
80	886.7	4/59.2, 2	58.49	170.83
85	840.4	4/57.6, 2/151.8, 4	57.12	169.67
90	790.3	2*/32, 4/56.5, 2/136.3, 4	43.96	157.41
95	737.1	2*/32, 4/55.1, 2/129.9, 4	42.26	153.76
100	681.6	2*/32, 4/53.9, 2/125.2, 4	40.42	149.45
105	625.2	2*/32, 4/53.1, 2/121.5, 4	38.46	144.66
110	569.4	2*/32, 4/52.8, 2/118.3, 4	36.42	139.53
115	516.0	4/52.8, 2/116.1, 4	45.98	144.89
120	467.3	4/53.3, 2/115.2, 4	44.00	139.56
125	425.9	4/54.1, 2/121.5, 4/122.2, 2	42.22	131.63
130	394.4	4/55.1, 2	40.81	128.15
135	374.9	3*/28.5, 4/56.4, 2	35.50	122.71
140	368.2	3*/28.5, 4/58.2, 2	35.18	122.28
145	373.2	3*/28.5, 4/60.6, 2	35.42	123.42
150	387.6	3*/28.5, 4/63.7, 2	36.09	125.83

TABLE 14.0.2 (cont'd)

Azimuth (Degrees)	Radiation (mV/m at 1 km)	Conductivities (mmhos/m/ending distance (km))	0.5 mV/m Contour (km)	0.025 mV/m Contour (km)
155	408.2	4/67.7, 2	41.43	132.54
160	432.1	4/71.2, 2	42.49	135.97
165	456.8	4/75.7, 2	43.56	139.58
170	480.4	4/81.5, 2	44.55	143.24
175	501.7	4/88.9, 2	45.41	146.88
180	519.7	4/98.6, 2	46.13	150.53
185	533.8	4/110.9, 2	46.68	154.17
190	543.5	3*/32, 4/119.9, 2	42.22	152.71
195	548.7	3*/32, 4/129.8, 2	42.42	154.83
200	549.1	3*/32, 4/142, 2	42.43	156.78
205	544.9	3*/32, 4/153.7, 2	42.27	158.11
210	536.1	4	46.77	162.73
215	522.8	4	46.25	161.28
220	505.6	4	45.57	159.34
225	484.9	4	44.73	156.95
230	461.6	4	43.76	154.16
235	437.0	4	42.71	151.06

*Measured conductivity data extracted from WKMC 1978 full proof of performance (BL-14,451) and reproduced in Appendix B of the exhibit.

All other conductivity data extracted from FCC Figure M3.

TABLE 14.0.3

NORMALLY PROTECTED CONTOURS
WSHV - SOUTH HILL, VA
M-10 Broadcasting, Inc.
Pikesville, MD

Azimuth (Degrees)	Radiation (mV/m at 1 km)	Conductivities (mmhos/m/ending distance (km))	0.5 mV/m Contour (km)	0.025 mV/m Contour (km)
310	702.5	2	39.03	142.76
315	702.5	2	39.03	142.76
320	702.5	2	39.03	142.76
325	702.5	2	39.03	142.76
330	702.5	2	39.03	142.76
335	702.5	2	39.03	142.76
340	702.5	2	39.03	142.76
345	702.5	2	39.03	142.76
350	702.5	2	39.03	142.76
355	702.5	2	39.03	142.76
0	702.5	2	39.03	142.76
5	702.5	2	39.03	142.76
10	702.5	2	39.03	142.76
15	702.5	2	39.03	142.76
20	702.5	2	39.03	142.76
25	702.5	2	39.03	142.76
30	702.5	2	39.03	142.76
35	702.5	2	39.03	142.76
40	702.5	2	39.03	142.76
45	702.5	2	39.03	142.76
50	702.5	2	39.03	142.76
55	702.5	2	39.03	142.76
60	702.5	2	39.03	142.76

TABLE 14.0.3 (cont'd)

Azimuth (Degrees)	Radiation (mV/m at 1 km)	Conductivities (mmhos/m/ending distance (km))	0.5 mV/m Contour (km)	0.025 mV/m Contour (km)
65	702.5	2/121.5, 5000/129.3, 2	39.03	148.36
70	702.5	2/132.6, 5000/134.3, 2/138.9, 5000/144.7, 2	39.03	148.10
75	702.5	2/136.9, 5000/147.4, 4	39.03	150.59
80	702.5	2/137.2, 4	39.03	143.60
85	702.5	2/130, 4/144.7, 5000	39.03	144.82
90	702.5	2/126.4, 4	39.03	145.33
95	702.5	2/126.2, 4	39.03	145.37
100	702.5	2/127.3, 4	39.03	145.18
105	702.5	2/129.4, 4	39.03	144.83
110	702.5	2/132.6, 4	39.03	144.31
115	702.5	2/136.3, 4/139.3, 5000/142.6, 4	39.03	145.93
120	702.5	2/141.3, 4	39.03	142.95

All conductivity data extracted from FCC Figure M3.

TABLE 14.0.4

NORMALLY PROTECTED CONTOURS
WVMR - FROST, WV
M-10 Broadcasting, Inc.
Pikesville, MD

Azimuth (Degrees)	Radiation (mV/m at 1 km)	Conductivities (mmhos/m/ending distance (km))	0.5 mV/m Contour (km)	0.025 mV/m Contour (km)
310	683.7	2	38.54	141.30
315	683.7	2	38.54	141.30
320	683.7	2	38.54	141.30
325	683.7	2	38.54	141.30
330	683.7	2	38.54	141.30
335	683.7	2/95.2, 4/112.6, 2	38.54	144.16
340	683.7	2/87.4, 4/120.1, 2	38.54	146.77
345	683.7	2/84.1, 4/126, 2	38.54	148.27
350	683.7	2/81.6, 4/133.6, 2	38.54	149.86
355	683.7	2/7.9, 4/143.4, 2	38.54	151.58
0	683.7	2/78.9, 4	38.54	153.09
5	683.7	2/79.7, 4	38.54	152.90
10	683.7	2/81.2, 4	38.54	152.57
15	683.7	2/83.4, 4	38.54	152.05
20	683.7	2/86.3, 4	38.54	151.40
25	683.7	2/90.2, 4	38.54	150.52
30	683.7	2/95.5, 4	38.54	149.41
35	683.7	2/103.8, 4	38.54	147.71
40	683.7	2/116.5, 4	38.54	145.40
45	683.7	2	38.54	141.30
50	683.7	2	38.54	141.30
55	683.7	2	38.54	141.30
60	683.7	2	38.54	141.30

TABLE 14.0.4 (cont'd)

Azimuth (Degrees)	Radiation (mV/m at 1 km)	Conductivities (mmhos/m/ending distance (km))	0.5 mV/m Contour (km)	0.025 mV/m Contour (km)
65	683.7	2	38.54	141.30
70	683.7	2	38.54	141.30
75	683.7	2	38.54	141.30
80	683.7	2	38.54	141.30
85	683.7	2	38.54	141.30
90	683.7	2	38.54	141.30
95	683.7	2	38.54	141.30
100	683.7	2	38.54	141.30
105	683.7	2	38.54	141.30
110	683.7	2	38.54	141.30
115	683.7	2	38.54	141.30
120	683.7	2	38.54	141.30
125	683.7	2	38.54	141.30
130	683.7	2	38.54	141.30

All conductivity data extracted from FCC Figure M3.

TABLE 14.0.5

NORMALLY PROTECTED CONTOURS
WNJC - VINELAND, NJ
M-10 Broadcasting, Inc.
Pikesville, MD

Azimuth (Degrees)	Radiation (mV/m at 1 km)	Conductivities (mmhos/m/ending distance (km))	0.5 mV/m Contour (km)	0.25 mV/m Contour (km)
170	1798.5	0.5*/28, 4/68.4, 5000/87.1, 4/96.6, 5000	56.11	100.86
175	1678.3	0.5*/28.4, 4/65.4, 5000	53.76	129.70
180	1539.4	0.5*/28.4, 4/66.2, 5000/109.6, 4	50.92	110.05
185	1388.9	0.5*/28.4, 4/63.4, 5000	47.64	103.49
190	1233.7	0.5*/28.4, 4/59.6, 5000/96.2, 4	44.04	96.40
195	1080.3	4/57.7, 5000/85.6, 4	87.37	109.81
200	934.3	4/55.6, 5000/77.3, 4	78.25	99.46
205	800.5	4/53.6, 5000/64.1, 4	64.87	84.80
210	682.3	4/52, 5000/59.4, 4	52.32	77.00
215	581.8	0.5*/29, 4	26.31	41.91
220	499.6	0.5*/29, 4	24.43	37.63
225	435.3	0.5*/29, 4	22.85	33.98
230	387.3	0.5*/29, 4	21.58	31.05
235	353.4	0.5*	20.64	28.91
240	331.1	4	37.75	56.52
245	318.0	1.5*/28.5, 4	24.29	35.88
250	312.0	1.5*/28.5, 4	24.08	35.45
255	310.7	1.5*/28.5, 4/33.2, 5000/38.2, 4	24.03	39.62
260	311.7	1.5*/28.5, 4/30.6, 5000/34.9, 4	24.06	39.15
265	312.4	4/28.5, 5000/32.3, 4	40.20	53.47
270	310.4	1.5*/23.1, 4/26.9, 5000/30.3, 4	24.42	40.64
275	304.0	1.5*/23.1, 4/24.1, 5000/28.6, 4	24.08	41.16

TABLE 14.0.5 (cont'd)

Azimuth (Degrees)	Radiation (mV/m at 1 km)	Conductivities (mmhos/m/ending distance (km))	0.5 mV/m Contour (km)	0.25 mV/m Contour (km)
280	291.8	1.5*/23.1, 5000/25.5, 4	25.60	38.47
285	273.9	1.5*/23.1, 5000/23.2, 4	22.64	35.07
290	251.1	4/16.5, 5000/21.5, 4	37.90	49.93
295	225.5	4/15.1, 5000/19.4, 4	35.66	47.11
300	200.1	1.5*	19.52	27.08
305	178.3	1.5*	18.48	25.65
310	162.8	1.5*	17.70	24.56
315	153.9	1.5*	17.24	23.92
320	149.5	1.5*	17.00	23.60
325	146.3	3*/29.9, 4	22.69	31.17
330	142.0	3*/29.9, 4	22.38	30.70

*Measured conductivity data extracted from WNJC 1999 full proof of performance (BL-19990525DC) and reproduced in Appendix F of this exhibit.

All other conductivity data extracted from FCC Figure M3.

TABLE 14.0.6

NORMALLY PROTECTED CONTOURS
WTMC - WILMINGTON, DE
M-10 Broadcasting, Inc.
Pikesville, MD

Azimuth (Degrees)	Radiation (mV/m at 1 km)	Conductivities (mmhos/m/ending distance (km))	0.5 mV/m Contour (km)	0.25 mV/m Contour (km)
155	245.2	4/3.6, 5000/7.7, 4	35.81	47.71
160	245.2	4/3.8, 5000/8.2, 4/43.3, 5000	36.07	81.62
165	245.2	4/4.1, 5000/8.9, 4/36.5, 5000/93.9, 4	36.41	99.50
170	245.2	4/4.4, 5000/9.8, 4/16.9, 5000/1.8, 4/31.7, 5000/44.2, 4	49.93	61.82
175	245.2	4/4.9, 5000/10.9, 4/13.9, 5000/22.1, 4/22.4, 5000/39.5, 4	59.37	71.27
180	245.2	4/5.5, 5000/36, 4	57.92	69.82
185	245.2	4/6.4, 5000/19.8, 4/24.5, 5000/33.2, 4	51.56	63.45
190	245.2	4/7.7, 5000/18.1, 4	41.65	53.55
195	245.2	4/9.7, 5000/16.9, 4	39.17	51.07
200	245.2	4/13.2, 5000/15.9, 4	35.44	47.34
205	245.2	4	33.06	44.95
210	245.2	4	33.06	44.95
215	245.2	4	33.06	44.95
220	245.2	4*	33.06	44.95
225	245.2	4*	33.06	44.95
230	245.2	4*	33.06	44.95
235	245.2	4*	33.06	44.95
240	245.2	5* } 1.5*} } avg.	30.00	30.00

TABLE 14.0.6 (cont'd)

Azimuth (Degrees)	Radiation (mV/m at 1 km)	Conductivities (mmhos/m/ending distance (km))	0.5 mV/m Contour (km)	0.25 mV/m Contour (km)
245	245.2	5* } 1.5*} } avg.	30.00	30.00
250	245.2	5* } 1.5*} } avg.	30.00	30.00
255	245.2	5* } 1.5*} } avg.	30.00	30.00
260	245.2	4	33.06	44.95
265	245.2	4	33.06	44.95
270	245.2	4	33.06	44.95
275	245.2	4	33.06	44.95
280	245.2	4	33.06	44.95
285	245.2	4	33.06	44.95
290	245.2	4	33.06	44.95
295	245.2	4	33.06	44.95
300	245.2	4	33.06	44.95

*Measured conductivity data from Appendix C of this exhibit.

All other conductivity data extracted from FCC Figure M3.

TABLE 14.0.7

NORMALLY PROTECTED CONTOURS
WHGT - WAYNESBORO, PA
M-10 Broadcasting, Inc.
Pikesville, MD

Azimuth (Degrees)	Radiation (mV/m at 1 km)	Conductivities (mmhos/m/ending distance (km))	0.5 mV/m Contour (km)	0.25 mV/m Contour (km)
40	313.8	2	26.82	37.04
45	313.8	2	26.82	37.04
50	313.8	2	26.82	37.04
55	313.8	2	26.82	37.04
60	313.8	2	26.82	37.04
65	313.8	2	26.82	37.04
70	313.8	2	26.82	37.04
75	313.8	2/34.5, 4	26.82	37.79
80	313.8	2/32.3, 4	26.82	38.47
85	313.8	2/30.8, 4	26.82	38.91
90	313.8	2/29.6, 4	26.82	39.26
95	313.8	2/30.4, 4	26.82	39.03
100	313.8	2/33, 4	26.82	38.24
105	313.8	2	26.82	37.04
110	313.8	2	26.82	37.04
115	313.8	2	26.82	37.04
120	313.8	2	26.82	37.04
125	313.8	2	26.82	37.04
130	313.8	2	26.82	37.04
135	313.8	2	26.82	37.04
140	313.8	2	26.82	37.04
145	313.8	2	26.82	37.04
150	313.8	2	26.82	37.04

TABLE 14.0.7 (cont'd)

Azimuth (Degrees)	Radiation (mV/m at 1 km)	Conductivities (mmhos/m/ending distance (km))	0.5 mV/m Contour (km)	0.25 mV/m Contour (km)
155	313.8	2	26.82	37.04
160	313.8	2	26.82	37.04
165	313.8	2	26.82	37.04
170	313.8	2	26.82	37.04
175	313.8	2	26.82	37.04
180	313.8	2	26.82	37.04
185	313.8	2	26.82	37.04
190	313.8	2	26.82	37.04
195	313.8	2	26.82	37.04
200	313.8	2	26.82	37.04
205	313.8	2	26.82	37.04
210	313.8	2	26.82	37.04
215	313.8	2	26.82	37.04
220	313.8	2	26.82	37.04
225	313.8	2	26.82	37.04
230	313.8	2	26.82	37.04

All conductivity data extracted from FCC Figure M3.

TABLE 14.0.8

NORMALLY PROTECTED CONTOURS
WBTK - RICHMOND, VA
M-10 Broadcasting, Inc.
Pikesville, MD

Azimuth (Degrees)	Radiation (mV/m at 1 km)	Conductivities (mmhos/m/ending distance (km))	0.5 mV/m Contour (km)	0.25 mV/m Contour (km)
310	598.7	2*/27.3, 2	36.23	49.94
315	600.8	2*/27.3, 2	36.29	50.02
320	601.0	2*/27.3, 2	36.30	50.03
325	599.3	2*/27.3, 2	36.25	49.96
330	595.8	2	36.15	49.83
335	590.7	2	36.01	49.63
340	584.3	2	35.83	49.38
345	577.1	2*/28.1, 2	35.62	49.10
350	569.8	2*/28.1, 2	35.41	48.82
355	563.0	2*/28.1, 2	35.21	48.55
0	557.8	2*/28.1, 2	35.06	48.34
5	555.0	2	34.98	48.23
10	555.5	1.5*/28.2, 2	31.93	45.19
15	560.2	1.5*/28.2, 2	32.07	45.37
20	569.6	1.5*/28.2, 2	32.34	45.75
25	584.0	1.5*/28.2, 2	32.76	46.31
30	603.3	1.5*/25.9, 2	33.52	47.27
35	627.0	1.5*/25.9, 2	34.18	48.16
40	654.3	1.5*/25.9, 2	34.92	49.17
45	684.5	1.5*/25.9, 2	35.72	50.26
50	716.4	2	39.39	54.22
55	749.0	2	40.21	55.33

TABLE 14.0.8 (cont'd)

Azimuth (Degrees)	Radiation (mV/m at 1 km)	Conductivities (mmhos/m/ending distance (km))	0.5 mV/m Contour (km)	0.25 mV/m Contour (km)
60	781.4	2	41.00	56.41
65	812.7	2	41.76	57.43
70	842.4	2	42.46	58.37
75	869.9	2	43.09	59.23
80	894.8	1.5*/27.4, 2	40.68	57.01
85	916.8	1.5*/27.4, 2	41.17	57.68
90	936.1	1.5*/27.4, 2	41.60	58.25
95	952.5	1.5*/27.4, 2	41.96	58.73
100	966.2	2	45.24	62.11
105	977.5	2/61.6, 5000/65.7, 2	45.48	65.84
110	986.4	2	45.68	62.69
115	993.4	2	45.82	62.90
120	998.7	2	45.94	63.05

*Measured conductivity data extracted from WBTK 1979 full proof of performance (BL-19791005AI) and reproduced in Appendix G of this exhibit.

All other conductivity data extracted from FCC Figure M3.

TABLE 14.0.9

NORMALLY PROTECTED CONTOUR
WWIN - BALTIMORE, MD
M-10 Broadcasting, Inc.
Pikesville, MD

Azimuth (Degrees)	Radiation (mV/m at 1 km)	Conductivities (mmhos/m/ending distance(km))	2 mV/m Contour (km)
320	304.2	4/3.8, 2	4.84
325	304.2	4/4, 2	4.90
330	304.2	4/4.2, 2	4.98
335	304.2	4/4.5, 2	5.08
340	304.2	4/4.9, 2	5.20
345	304.2	4	5.35
350	304.2	4	5.35
355	304.2	4	5.35
0	304.2	4	5.35
5	304.2	4	5.35
10	304.2	4	5.35
15	304.2	4	5.35
20	304.2	4	5.35
25	304.2	4	5.35
30	304.2	4	5.35
35	304.2	4	5.35
40	304.2	4	5.35
45	304.2	4	5.35
50	304.2	4	5.35
55	304.2	4	5.35
60	304.2	4	5.35
65	304.2	4	5.35
70	304.2	4	5.35

TABLE 14.0.9 (cont'd)

Azimuth (Degrees)	Radiation (mV/m at 1 km)	Conductivities (mmhos/m/ending distance (km))	2 mV/m Contour (km)
75	304.2	4	5.35
80	304.2	4	5.35
85	304.2	4	5.35
90	304.2	4	5.35
95	304.2	4	5.35
100	304.2	4	5.35
105	304.2	4	5.35
110	304.2	4	5.35
115	304.2	4	5.35
120	304.2	4	5.35
125	304.2	4	5.35
130	304.2	4	5.35
135	304.2	4	5.35
140	304.2	4	5.35
145	304.2	4	5.35
150	304.2	4	5.35
155	304.2	4	5.35
160	304.2	4	5.35
165	304.2	4	5.35
170	304.2	4	5.35

All conductivity data extracted from FCC Figure M3.

TABLE 14.0.10

WWLG PROPOSED
FIELD STRENGTH CONTOURS
M-10 Broadcasting, Inc.
Pikesville, MD

Azimuth (Degrees)	Radiation (mV/m at 1 km)	Conductivities (mmhos/m/ending distance(km))	25 mV/m Contour (km)	5 mV/m Contour (km)	0.5 mV/m Contour (km)	0.25 mV/m Contour (km)	0.025 mV/m Contour (km)
0	127.2	4	2.99	8.23	24.75	33.60	92.46
5	132.2	4	3.07	8.40	25.17	34.17	93.96
10	126.8	4	2.98	8.21	24.71	33.55	92.32
15	114.7	2*	2.10	5.48	---	---	---
		1*/15.4, 4	---	---	13.28	20.41	76.81
20	103.5	2*	1.96	5.18	---	---	---
		2* } 1.5*} avg.	---	---	13.00	---	---
		1.5*/15.4, 4	---	---	---	18.99	73.01
25	100.1	2*	1.92	5.09	---	---	---
		2* } 1.5*} avg.	---	---	13.00	---	---
		1.5*/15.4, 4	---	---	---	18.54	71.81
30	104.8	2*	1.98	5.22	---	---	---
		2* } 1.5*} avg.	---	---	13.00	---	---
		1.5*/15.4, 4	---	---	---	19.16	73.48

TABLE 14.0.10 (cont'd)

Azimuth (Degrees)	Radiation (mV/m at 1 km)	Conductivities (mmhos/m/ending distance(km))	25 mV/m Contour (km)	5 mV/m Contour (km)	0.5 mV/m Contour (km)	0.25 mV/m Contour (km)	0.025 mV/m Contour (km)
35	111.5	1.5***	1.84	4.75	14.80	---	---
		1.5*** 0.5***} avg.	---	---	---	20.00	---
		0.5***/29.9, 4	---	---	---	---	62.74
40	113.9	1.5***	1.87	4.80	14.95	---	---
		1.5*** 0.5***} avg.	---	---	---	20.00	---
		0.5***/29.9, 4	---	---	---	---	63.54
45	109.5	1.5***	1.82	4.70	14.67	---	---
		1.5*** 0.5***} avg.	---	---	---	20.00	---
		0.5***/29.9, 4	---	---	---	---	62.07
50	99.7	2**	1.91	5.08	---	---	---
		1.5**/33.5, 4	---	---	14.03	19.48	66.67
55	90.0	2**	1.78	4.80	---	---	---
		2** } 1.5**} avg.	---	---	13.50	---	---
		1.5**/33.5, 4	---	---	---	18.56	63.08
60	87.7	2**	1.75	4.74	---	---	---
		2** } 1.5**} avg.	---	---	13.50	---	---
		1.5**/33.5, 4	---	---	---	18.34	62.22
65	94.0	2**	1.84	4.92	---	---	---
		1.5**/33.5, 40/34.7, 5000	---	---	13.65	18.95	65.42

TABLE 14.0.10 (cont'd)

Azimuth (Degrees)	Radiation (mV/m at 1 km)	Conductivities (mmhos/m/ending distance(km))	25 mV/m Contour (km)	5 mV/m Contour (km)	0.5 mV/m Contour (km)	0.25 mV/m Contour (km)	0.025 mV/m Contour (km)
70	102.9	1**	1.53	---	---	---	87.07
		3**	---	6.31	---	---	---
		3** 1**} avg.	---	---	13.00	---	---
		1**/16.9, 4/20.9, 40/35.2, 4/46.1, 40/46.7,4/71.4, 5000/77.1, 4	---	---	---	18.03	---
75	107.2	1**	1.57	---	---	---	---
		3**	---	6.45	---	---	---
		3** 1**} avg.	---	---	13.00	---	---
		1**/16.9, 4/19.6, 40/32.6, 4/40.2, 40/43.9, 4/66, 5000/72.4, 4	---	---	---	18.58	90.45
80	102.5	1**	1.52	---	---	---	---
		3**	---	6.30	---	---	---
		3** 1**} avg.	---	---	13.00	---	---
		1**/16.9, 4/20.4, 40/30.6, 4/33.7, 40/40, 4/68.8, 5000/72.7, 4	---	---	---	17.97	86.51
85	90.3	1**	1.40	---	---	---	---
		3**	---	5.87	---	---	---
		3** 1**} avg.	---	---	13.00	---	---
		1**/16.9, 4/20.7, 40/29, 4/29.2, 40/35.5, 4/66, 5000/72.6, 4	---	---	---	16.54	82.99

TABLE 14.0.10 (cont'd)

Azimuth (Degrees)	Radiation (mV/m at 1 km)	Conductivities (mmhos/m/ending distance(km))	25 mV/m Contour (km)	5 mV/m Contour (km)	0.5 mV/m Contour (km)	0.25 mV/m Contour (km)	0.025 mV/m Contour (km)
90	79.4	1.5*	1.47	---	---	---	---
		2*	---	4.48	---	---	---
		3*/12, 4/18.8, 40/32, 4/65.4, 5000/75.8, 4	---	---	18.04	35.22	92.19
95	80.7	1.5*	1.49	---	---	---	---
		2*	---	4.52	---	---	---
		3*/12, 4/17.4, 40/29.4, 4/72.2, 5000/83.3, 4	---	---	20.68	34.57	92.46
100	91.2	1*	1.61	---	---	---	---
		2*	---	4.84	---	---	---
		3*/12, 4/16.3, 40/27.4, 4/31.5, 40/36.2, 4/80.3, 5000/94.4, 4	---	---	27.77	38.98	101.76
105	95.9	1*	1.46	---	---	---	---
		2* } 1.5*} avg.	---	4.80	---	---	---
		3*/31.7, 4	---	---	18.75	25.63	77.19
110	87.3	1*	1.37	---	---	---	---
		2*	---	4.72	---	---	---
		3*/31.7, 4	---	---	17.97	24.57	73.93
115	79.9	1*	1.30	---	---	---	---
		2*	---	4.50	---	---	---
		3*/31.7, 4	---	---	17.27	23.61	70.98
120	109.3	1*	1.59	---	---	---	---
		2* } 1.5*} avg.	---	4.80	---	---	---
		3*/31.7, 4	---	---	19.89	27.19	81.91

TABLE 14.0.10 (cont'd)

Azimuth (Degrees)	Radiation (mV/m at 1 km)	Conductivities (mmhos/m/ending distance(km))	25 mV/m Contour (km)	5 mV/m Contour (km)	0.5 mV/m Contour (km)	0.25 mV/m Contour (km)	0.025 mV/m Contour (km)
125	165.0	1.5*	2.36	---	---	---	---
		4*	---	9.46	---	---	---
		4*} 3*} avg.	---	---	26.00	---	---
		3*/35.2, 4	---	---	---	32.76	97.81
130	208.1	1.5*	2.72	---	---	---	---
		4*	---	10.66	---	---	---
		3*/35.2, 4	---	---	26.60	36.56	108.08
135	221.5	1.5*	2.82	---	---	---	---
		4*	---	11.01	---	---	---
		3*/35.2, 4	---	---	27.35	37.73	110.97
140	243.2	1.5*	2.99	---	---	---	---
		4*	---	11.54	---	---	---
		3*/37.7, 4/39.8, 40/40.1, 4	---	---	28.54	39.25	115.27
145	246.9	1.5*	3.01	---	---	---	---
		4*	---	11.62	---	---	---
		3*/37.7, 4/40, 40/41.3, 4/112.8, 2	---	---	28.73	39.55	116.04
150	425.4	1.5*	4.10	---	---	---	---
		4*	---	15.10	---	---	---
		3*/37.7, 4/40.4, 40/43, 4/107.4, 2	---	---	36.77	53.60	139.36
155	825.5	4/14, 40/23.4, 4/41.1, 40/45.1, 4/103.2, 2	9.46	27.61	66.68	86.85	183.94
160	1332.5	4/14.4, 40/26.5, 4/40, 40/47.9, 4/64.5, 40/66.5, 4/100, 2/126.3, 5000/127.9, 2/174.3, 5000/178.6, 2/201.8, 5000	12.07	34.47	86.18	108.37	259.71

TABLE 14.0.10 (cont'd)

Azimuth (Degrees)	Radiation (mV/m at 1 km)	Conductivities (mmhos/m/ending distance(km))	25 mV/m Contour (km)	5 mV/m Contour (km)	0.5 mV/m Contour (km)	0.25 mV/m Contour (km)	0.025 mV/m Contour (km)
165	1908.1	4/12.4, 40/30.7, 4/44, 40/52.2, 4/59.9, 40/66.7, 4/72.9, 40/74.6, 4/96, 40/97.3, 4/97.8, 2/126.4, 5000/126.6, 2/136.2, 5000/143.9, 2/149.2, 5000/167.7, 2/174.5, 5000/194.7, 2/197.4, 5000/198.8, 2/219.5, 5000	20.43	43.52	106.00	128.39	415.75
170	2518.6	4/6.3, 40/72.6, 4/78.3, 40/93, 4/96.9, 2/131.5, 5000/216.7, 2/221, 5000/224, 2/239.2, 5000	44.95	93.75	182.95	237.47	650.46
175	3130.1	4/7.4, 40/68.6, 4/76, 40/89.8, 4/95, 40/98.1 5000/102, 2/119.1, 5000/282.9, 4/325.6, 5000/331.6, 4/364.5, 5000/396.3, 4/434.4, 5000	49.77	92.78	289.02	321.36	591.13
180	3712.2	4/9, 40/97.7, 5000/139.1, 4/152.9, 5000/165.3, 4/175.3, 5000/176.7, 4/199.3, 5000/207.4, 2/212.7, 5000/214.2, 2/229.3, 5000/253.6, 4/271.7, 5000/284.2, 4/285, 5000/288.4, 4/365.8, 5000/369.8, 4/373.3, 5000/390, 4/454.3, 5000	51.81	143.38	226.90	289.47	456.27
185	4241.5	4/11.6, 40/98.1, 5000/109.5, 4/119.8, 5000/125.8, 4/144.4, 5000/159.7, 4/192.9, 5000/201.3, 2/237.2, 5000/242.2, 2/260.2, 5000/269.3, 2/275.9, 4/354.6, 5000/358, 4/372.1, 5000/378.8, 4/393.6, 5000/395.2, 4	49.27	117.04	211.17	244.30	409.33

TABLE 14.0.10 (cont'd)

Azimuth (Degrees)	Radiation (mV/m at 1 km)	Conductivities (mmhos/m/ending distance(km))	25 mV/m Contour (km)	5 mV/m Contour (km)	0.5 mV/m Contour (km)	0.25 mV/m Contour (km)	0.025 mV/m Contour (km)
190	4702.2	3**	18.58	38.48	---	---	---
		1.5**/154, 4/182, 5000/186.4, 2/217, 5000/219.6, 2/249.1, 5000/252.6, 2	---	---	84.14	112.64	262.56
195	5086.7	3**	19.26	39.88	---	---	---
		1.5**/154, 4/169.1, 5000/173.5, 2	---	---	87.06	116.30	263.53
200	5393.5	3**	19.77	40.96	---	---	---
		1.5**/154, 4/165.6, 2	---	---	89.27	119.06	264.53
205	5625.5	3**	20.15	---	---	---	---
		3** } 0.5** } avg.	---	40.00	---	---	---
		0.5**	---	---	76.33	102.91	---
		2**/256.2, 2	---	---	---	---	278.13
210	5788.0	3**	20.41	---	---	---	---
		3** } 0.5** } avg.	---	40.00	---	---	---
		0.5**	---	---	77.30	104.13	---
		2**/256.2, 2	---	---	---	---	280.19
215	5886.4	3**	20.57	42.62	---	---	---
		3** } 1.5** } avg.	---	---	100.00	---	---
		1.5**/225.3, 2	---	---	---	123.28	267.27
220	5925.1	3**	20.63	42.74	---	---	---
		3** } 1.5** } avg.	---	---	100.00	---	---
		1.5**/225.3, 2	---	---	---	123.60	267.75

TABLE 14.0.10 (cont'd)

Azimuth (Degrees)	Radiation (mV/m at 1 km)	Conductivities (mmhos/m/ending distance(km))	25 mV/m Contour (km)	5 mV/m Contour (km)	0.5 mV/m Contour (km)	0.25 mV/m Contour (km)	0.025 mV/m Contour (km)
225	5905.9	1.5**	15.21	---	---	---	---
		3**/35.4, 4/81.5, 2	---	43.57	116.89	149.41	297.45
230	5828.3	1.5**	15.11	---	---	---	---
		3**/35.4, 4/53.4, 2	---	43.28	110.36	142.75	290.50
235	5689.2	1.5**	14.94	---	---	---	---
		3**/35.4, 4/38, 2	---	41.65	105.82	137.97	285.21
240	5484.1	1.5**/47.2, 2	14.68	31.43	93.25	125.06	271.50
245	5208.0	1.5**/47.2, 2	14.33	30.67	91.14	122.47	267.63
250	4857.7	1.5**/47.2, 2	13.86	29.68	88.36	119.03	262.50
255	4433.6	1.5**/47.2, 2	13.28	28.42	84.79	114.61	255.92
260	3941.8	4/21.7, 2	20.01	36.17	91.49	120.20	258.57
265	3395.6	4/20.5, 2/196.4, 4	18.71	33.86	85.85	113.18	252.01
270	2815.8	0.5**/55, 2/176.2, 4	8.32	18.47	55.94	81.57	214.12
275	2230.2	0.5**/55, 2/165.2, 4	7.39	16.47	50.01	72.23	198.17
280	1670.3	0.5**/55, 2/156.7, 4	6.38	14.29	43.65	61.68	178.53
285	1168.5	1** } avg.	6.00	---	---	---	---
		0.5**}					
		0.5**/55, 2/150.2, 4	---	11.97	36.83	51.12	154.64
290	752.5	4/18.7, 2/64.9, 4/75.3, 2/147.6, 4	9.01	19.35	45.84	61.00	155.06
295	442.7	4/18.8, 2/49.7, 4/84, 2	6.71	15.38	37.06	49.02	132.11

TABLE 14.0.10 (cont'd)

Azimuth (Degrees)	Radiation (mV/m at 1 km)	Conductivities (mmhos/m/ending distance(km))	25 mV/m Contour (km)	5 mV/m Contour (km)	0.5 mV/m Contour (km)	0.25 mV/m Contour (km)	0.025 mV/m Contour (km)
300	249.4	4/20.3, 2/40.5, 4/84.5, 2	4.72	11.68	30.09	39.27	109.67
305	163.6	4/84.1, 2	3.57	9.42	27.66	37.56	99.05
310	137.4	1.5*	2.11	---	---	---	---
		1.5*} 0.5*} } avg.	---	4.40	---	---	---
		0.5*/23.2, 4	---	---	12.97	18.25	75.51
315	129.0	1.5*	2.02	---	---	---	---
		1.5*} 0.5*} } avg.	---	4.40	---	---	---
		0.5*/.23.2, 4	---	---	12.57	17.69	73.00
320	143.1	1.5*	2.16	---	---	---	---
		1.5*} 0.5*} } avg.	---	4.40	---	---	---
		0.5*/23.2, 4	---	---	13.24	18.62	77.16
325	174.4	1*	2.13	5.21	---	---	---
		1* } 0.1*} } avg.	---	---	14.00	---	---
		0.1*/22.9, 4	---	---	---	19.53	83.78
330	192.4	1*	2.26	5.48	---	---	---
		0.1*/22.9, 4	---	---	14.53	20.51	88.12
335	183.3	1*	2.19	5.35	---	---	---
		0.1*/22.9, 4	---	---	14.18	20.02	85.96

TABLE 14.0.10 (cont'd)

Azimuth (Degrees)	Radiation (mV/m at 1 km)	Conductivities (mmhos/m/ending distance(km))	25 mV/m Contour (km)	5 mV/m Contour (km)	0.5 mV/m Contour (km)	0.25 mV/m Contour (km)	0.025 mV/m Contour (km)
340	150.7	1*	1.94	4.83	---	---	---
		1* } 0.1*} } avg.	---	---	14.00	---	---
		0.1*/22.9, 4	---	---	---	18.17	77.60
345	115.7	1.5*/16.4, 4	1.89	4.84	15.06	22.92	79.52
350	106.1	1.5*/16.4, 4	1.78	4.62	14.45	21.71	76.29
355	114.7	1.5*/16.4, 4	1.88	4.82	15.00	22.80	79.19

* Measured conductivity data extracted from WWLG 2002 full proof of performance (BL-20020827ACC) and reproduced in Appendix D of this exhibit.

**Measured conductivity data obtained using the WW3XLG test transmitter and reproduced in Appendix E of this exhibit.

***Measured conductivity data from Appendix H of this exhibit.

All other conductivity data extracted from FCC Figure M3.

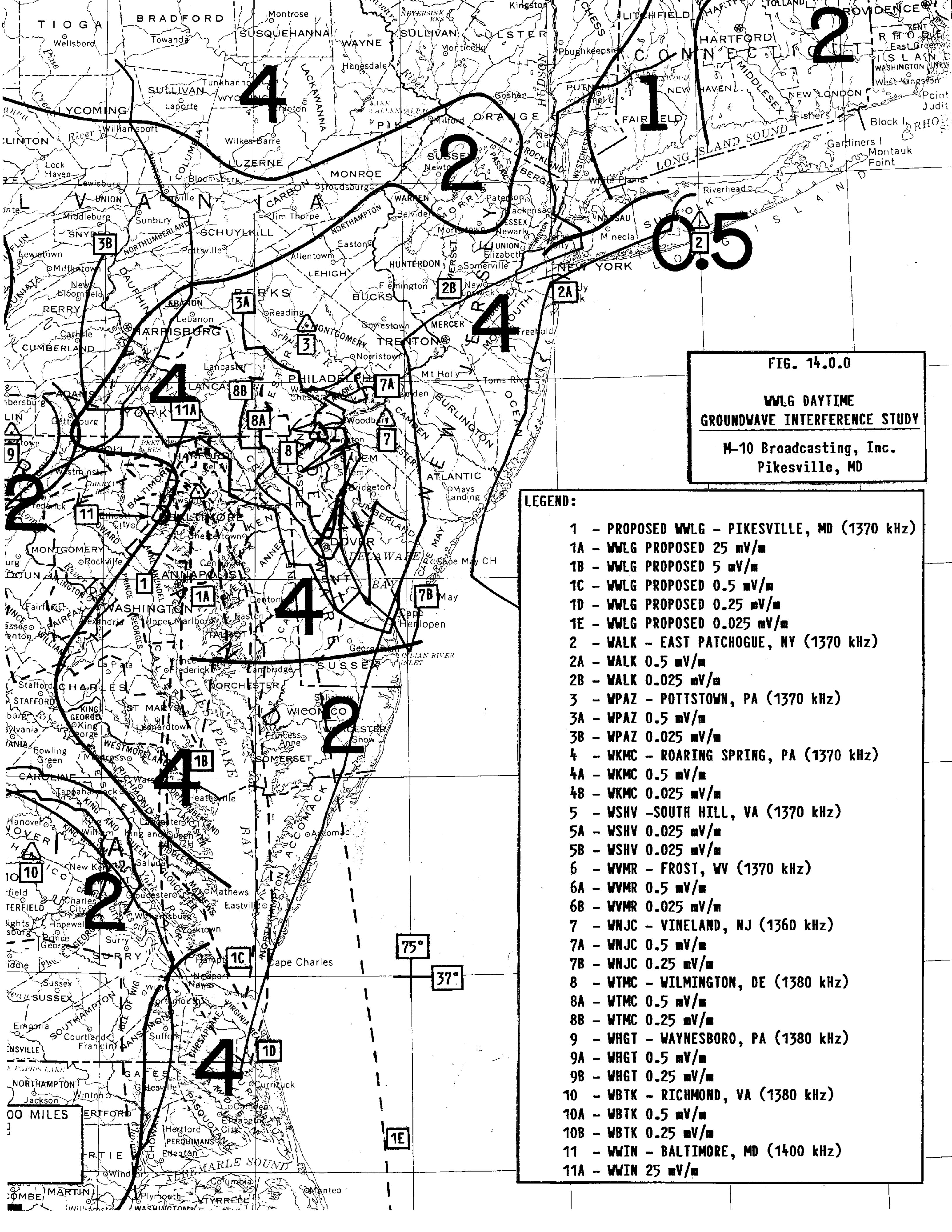

FIG. 14.0.0

WWLG DAYTIME GROUNDWAVE INTERFERENCE STUDY

M-10 Broadcasting, Inc.
Pikesville, MD

LEGEND:

1 - PROPOSED WWLG - PIKESVILLE, MD (1370 kHz)
1A - WWLG PROPOSED 25 mV/m
1B - WWLG PROPOSED 5 mV/m
1C - WWLG PROPOSED 0.5 mV/m
1D - WWLG PROPOSED 0.25 mV/m
1E - WWLG PROPOSED 0.025 mV/m
2 - WALK - EAST PATCHOGUE, NY (1370 kHz)
2A - WALK 0.5 mV/m
2B - WALK 0.025 mV/m
3 - WPAZ - POTTSTOWN, PA (1370 kHz)
3A - WPAZ 0.5 mV/m
3B - WPAZ 0.025 mV/m
4 - WKMC - ROARING SPRING, PA (1370 kHz)
4A - WKMC 0.5 mV/m
4B - WKMC 0.025 mV/m
5 - WSHV -SOUTH HILL, VA (1370 kHz)
5A - WSHV 0.025 mV/m
5B - WSHV 0.025 mV/m
6 - WVMR - FROST, WV (1370 kHz)
6A - WVMR 0.5 mV/m
6B - WVMR 0.025 mV/m
7 - WNJC - VINELAND, NJ (1360 kHz)
7A - WNJC 0.5 mV/m
7B - WNJC 0.25 mV/m
8 - WTMC - WILMINGTON, DE (1380 kHz)
8A - WTMC 0.5 mV/m
8B - WTMC 0.25 mV/m
9 - WHGT - WAYNESBORO, PA (1380 kHz)
9A - WHGT 0.5 mV/m
9B - WHGT 0.25 mV/m
10 - WBTK - RICHMOND, VA (1380 kHz)
10A - WBTK 0.5 mV/m
10B - WBTK 0.25 mV/m
11 - WWIN - BALTIMORE, MD (1400 kHz)
11A - WWIN 25 mV/m

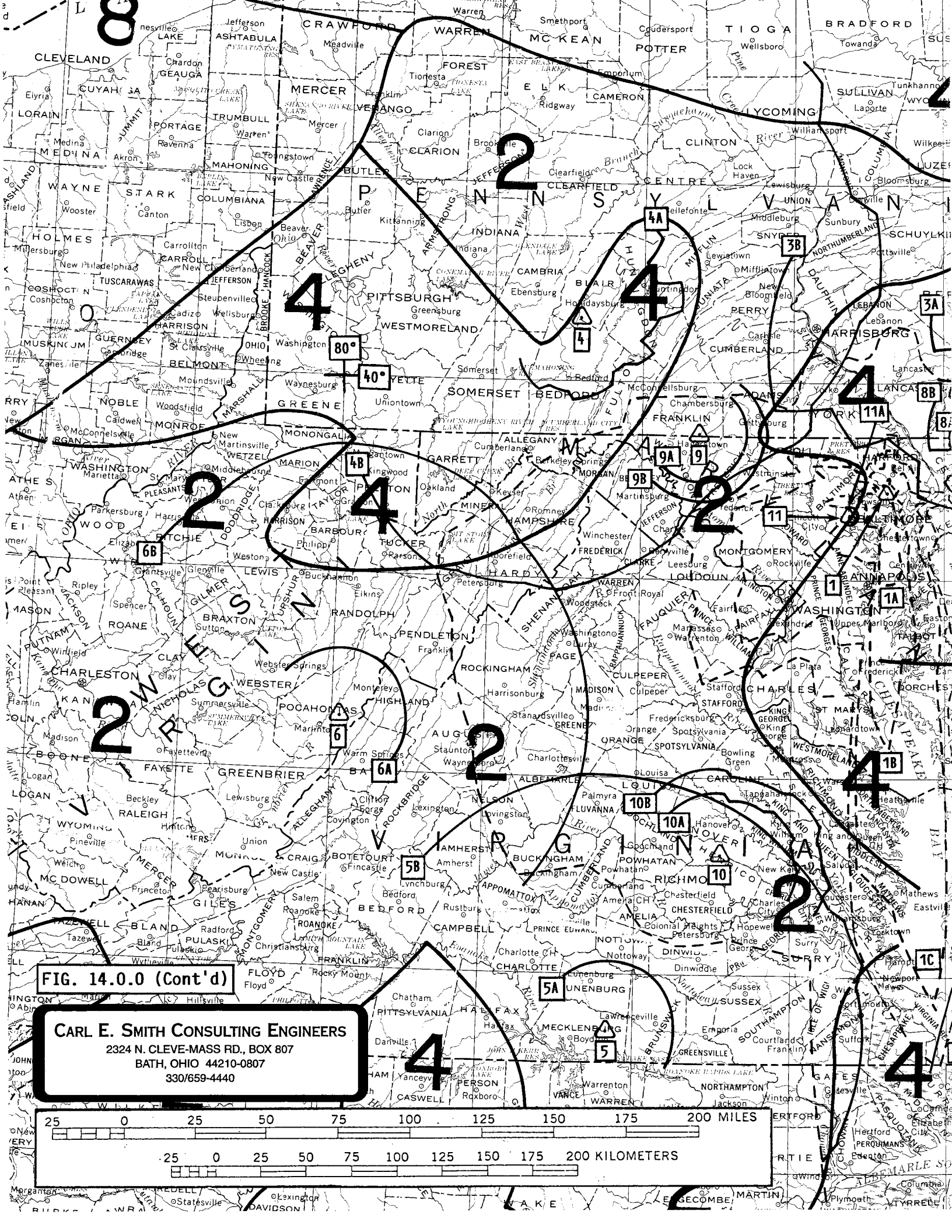
FIG. 14.0.0 (Cont'd)
CARL E. SMITH CONSULTING ENGINEERS
2324 N. CLEVE-MASS RD., BOX 807
BATH, OHIO 44210-0807
330/659-4440
25 0 25 50 75 100 125 150 175 200 MILES
25 0 25 50 75 100 125 150 175 200 KILOMETERS