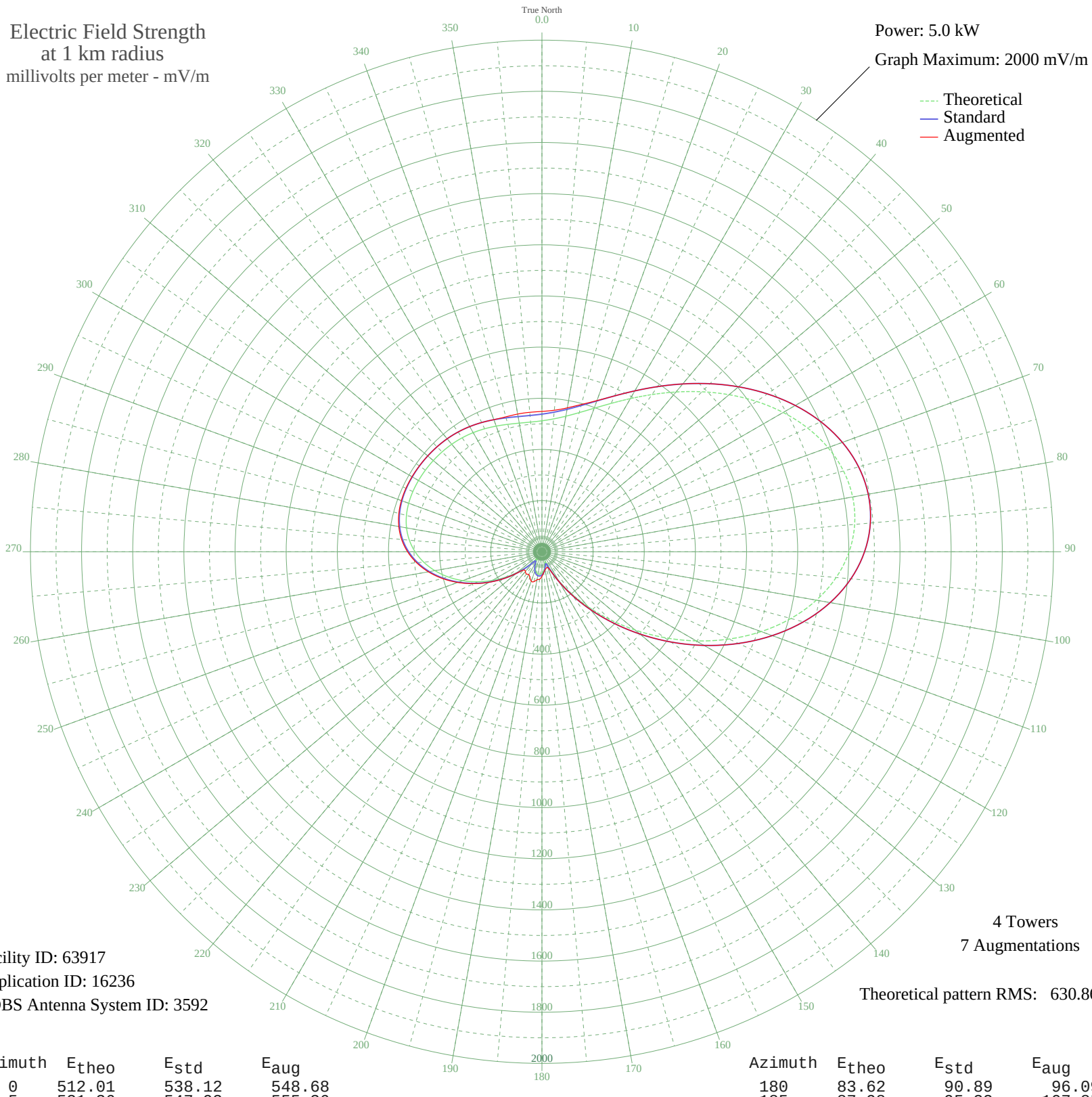
WOKY MILWAUKEE, WI BL-19791226AG 920 kHz

Daytime

Electric Field Strength
at 1 km radius
millivolts per meter - mV/m



Power: 5.0 kW

Graph Maximum: 2000 mV/m

Theoretical
Standard
Augmented

4 Towers
7 Augmentations

Facility ID: 63917
Application ID: 16236
CDBS Antenna System ID: 3592

Theoretical pattern RMS: 630.86

Azimuth	E_{theo}	E_{std}	E_{aug}
0	512.01	538.12	548.68
5	521.36	547.93	555.36
10	538.12	565.52	571.33
15	563.20	591.82	596.08
20	597.10	627.40	628.87
25	639.93	672.34	672.35
30	691.29	726.23	726.23
35	750.24	788.11	788.11
40	815.32	856.40	856.40
45	884.48	929.00	929.00
50	955.20	1003.24	1003.24
55	1024.51	1075.99	1075.99
60	1089.11	1143.81	1143.81
65	1145.56	1203.07	1203.07
70	1190.48	1250.22	1250.22
75	1220.72	1281.97	1281.97
80	1233.68	1295.57	1295.57
85	1227.47	1289.06	1289.06
90	1201.14	1261.42	1261.42
95	1154.78	1212.75	1212.75
100	1089.57	1144.29	1144.29
105	1007.74	1058.38	1058.38
110	912.40	958.31	958.31
115	807.36	848.05	848.05
120	696.80	732.02	732.02
125	584.99	614.68	614.68
130	475.96	500.31	500.31
135	373.27	392.64	392.64
140	279.84	294.77	294.77
145	197.85	209.07	209.07
150	128.99	137.45	137.45
155	75.30	82.48	86.26
160	43.30	51.16	65.47
165	43.94	51.77	65.94
170	59.93	67.17	71.75
175	74.24	81.41	81.41
180	83.62	90.89	96.09
185	87.98	95.32	107.85
190	87.64	94.97	111.23
195	82.78	90.03	120.89
200	73.46	80.62	122.31
205	59.91	67.15	111.37
210	43.83	51.66	102.71
215	33.81	42.56	106.02
220	47.81	55.42	100.71
225	81.18	88.41	100.86
230	123.90	132.19	132.38
235	172.28	182.41	183.34
240	224.12	236.49	238.30
245	277.37	292.18	294.81
250	329.95	347.24	350.54
255	379.78	399.46	403.25
260	424.99	446.85	450.94
265	464.04	487.81	492.00
270	495.95	521.28	525.38
275	520.35	546.88	550.71
280	537.56	564.93	568.34
285	548.48	576.39	579.25
290	554.44	582.64	584.87
295	556.91	585.23	586.80
300	557.22	585.55	586.51
305	556.31	584.59	585.04
310	554.62	582.82	582.94
315	552.15	580.23	580.23
320	548.65	576.56	576.56
325	543.85	571.53	571.53
330	537.69	565.06	565.06
335	530.43	557.45	557.45
340	522.77	549.41	549.54
345	515.74	542.03	546.04
350	510.62	536.67	546.61
355	508.89	534.85	547.19

The theoretical pattern is used to create the standard pattern. Augmentations (if any) expand the standard pattern in specified directions. See Sections 73.150 and 73.152 of the FCC's Rules.

AM coverage may not mirror the pattern shown here. Additional factors such as ground conductivity or skywave propagation affect how far the AM signal will travel.

Patterns for stations outside the USA are based on notified parameters.

AM directional patterns created before 1982 used units of 1 mV/m at 1 mile, not one kilometer. The pattern values on such plots at 1 mile will be 0.62137 of the values listed here. Measured pattern values may vary from values shown here.

Plot is best printed on 11" by 17" or larger paper.

20 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission