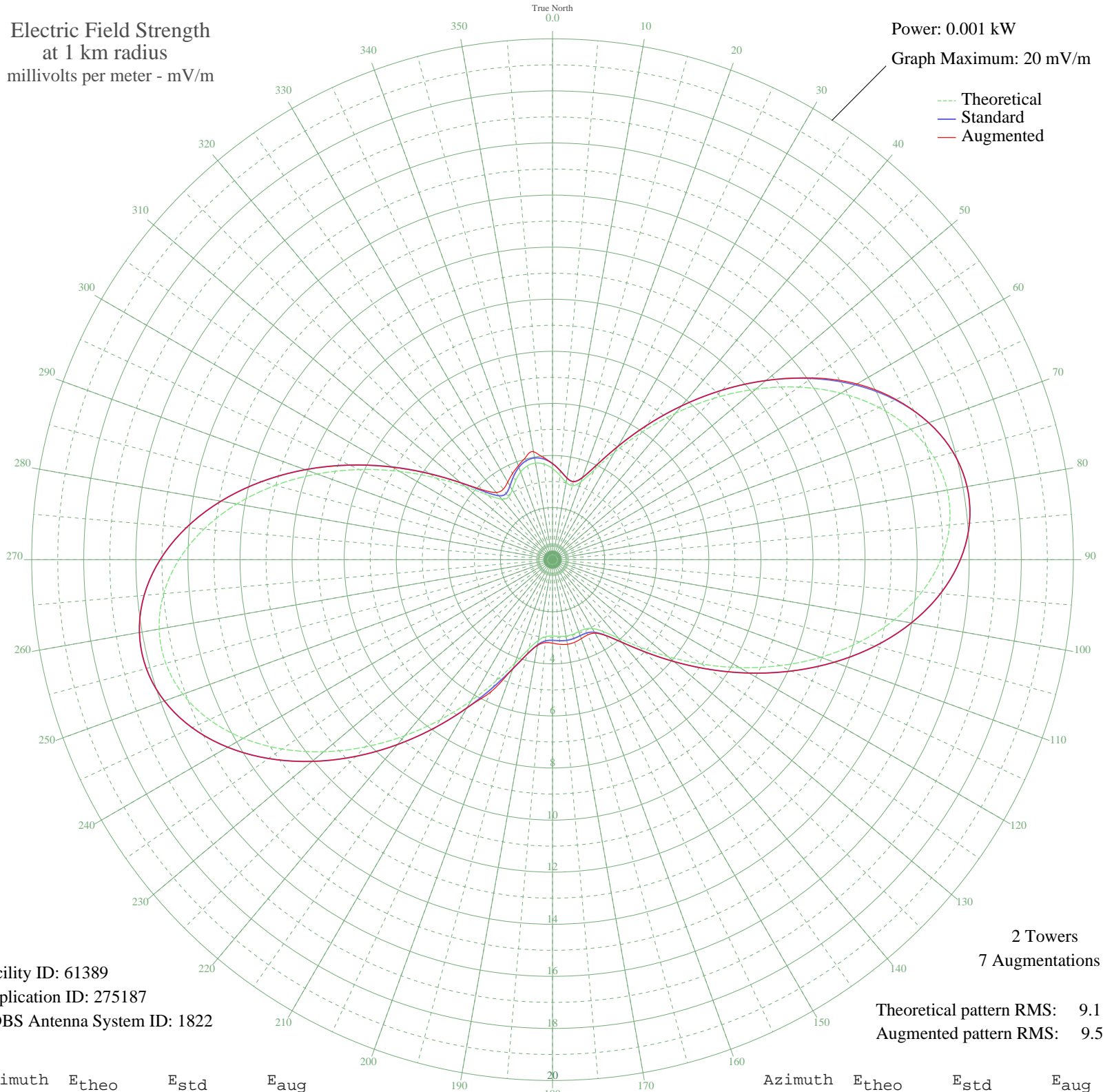


WZRK LAKE GENEVA, WI BL-19981008AA 1550 kHz

Nighttime

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

Power: 0.001 kW
Graph Maximum: 20 mV/m



Facility ID: 61389
Application ID: 275187
CDBS Antenna System ID: 1822

Theoretical pattern RMS: 9.11
Augmented pattern RMS: 9.58

Azimuth	E _{theo}	E _{std}	E _{aug}
0	3.50	3.69	3.69
5	3.25	3.43	3.43
10	3.02	3.18	3.18
15	2.94	3.10	3.10
20	3.18	3.35	3.35
25	3.81	4.01	4.01
30	4.77	5.02	5.02
35	5.98	6.29	6.29
40	7.33	7.71	7.71
45	8.76	9.20	9.20
50	10.19	10.70	10.70
55	11.55	12.13	12.17
60	12.78	13.43	13.50
65	13.83	14.53	14.56
70	14.64	15.37	15.37
75	15.17	15.93	15.93
80	15.39	16.16	16.16
85	15.30	16.07	16.07
90	14.91	15.66	15.66
95	14.24	14.95	14.95
100	13.32	13.99	13.99
105	12.21	12.82	12.82
110	10.96	11.51	11.51
115	9.63	10.12	10.12
120	8.29	8.71	8.71
125	6.99	7.34	7.34
130	5.79	6.09	6.09
135	4.75	5.00	5.00
140	3.93	4.14	4.14
145	3.36	3.55	3.56
150	3.05	3.22	3.26
155	2.94	3.11	3.19
160	2.94	3.11	3.23
165	2.97	3.14	3.28
170	2.98	3.15	3.30
175	2.96	3.12	3.26

Azimuth	E _{theo}	E _{std}	E _{aug}
180	2.93	3.10	3.21
185	2.97	3.13	3.20
190	3.15	3.32	3.35
195	3.56	3.75	3.76
200	4.23	4.46	4.46
205	5.14	5.41	5.60
210	6.25	6.57	6.57
215	7.50	7.88	7.88
220	8.82	9.27	9.27
225	10.17	10.68	10.68
230	11.47	12.05	12.05
235	12.67	13.31	13.31
240	13.71	14.40	14.40
245	14.54	15.27	15.27
250	15.10	15.86	15.86
255	15.38	16.15	16.15
260	15.34	16.11	16.11
265	14.99	15.74	15.74
270	14.35	15.07	15.07
275	13.44	14.11	14.11
280	12.31	12.93	12.93
285	11.02	11.57	11.57
290	9.62	10.11	10.10
295	8.19	8.60	8.58
300	6.78	7.13	7.10
305	5.47	5.76	5.74
310	4.35	4.58	4.60
315	3.51	3.70	3.79
320	3.04	3.21	3.37
325	2.94	3.10	3.30
330	3.10	3.27	3.44
335	3.35	3.54	3.65
340	3.58	3.78	3.84
345	3.73	3.93	4.05
350	3.77	3.97	4.21
355	3.68	3.88	3.94

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.

10 Nov 2011

Prepared by Audio Division, Media Bureau
Federal Communications Commission