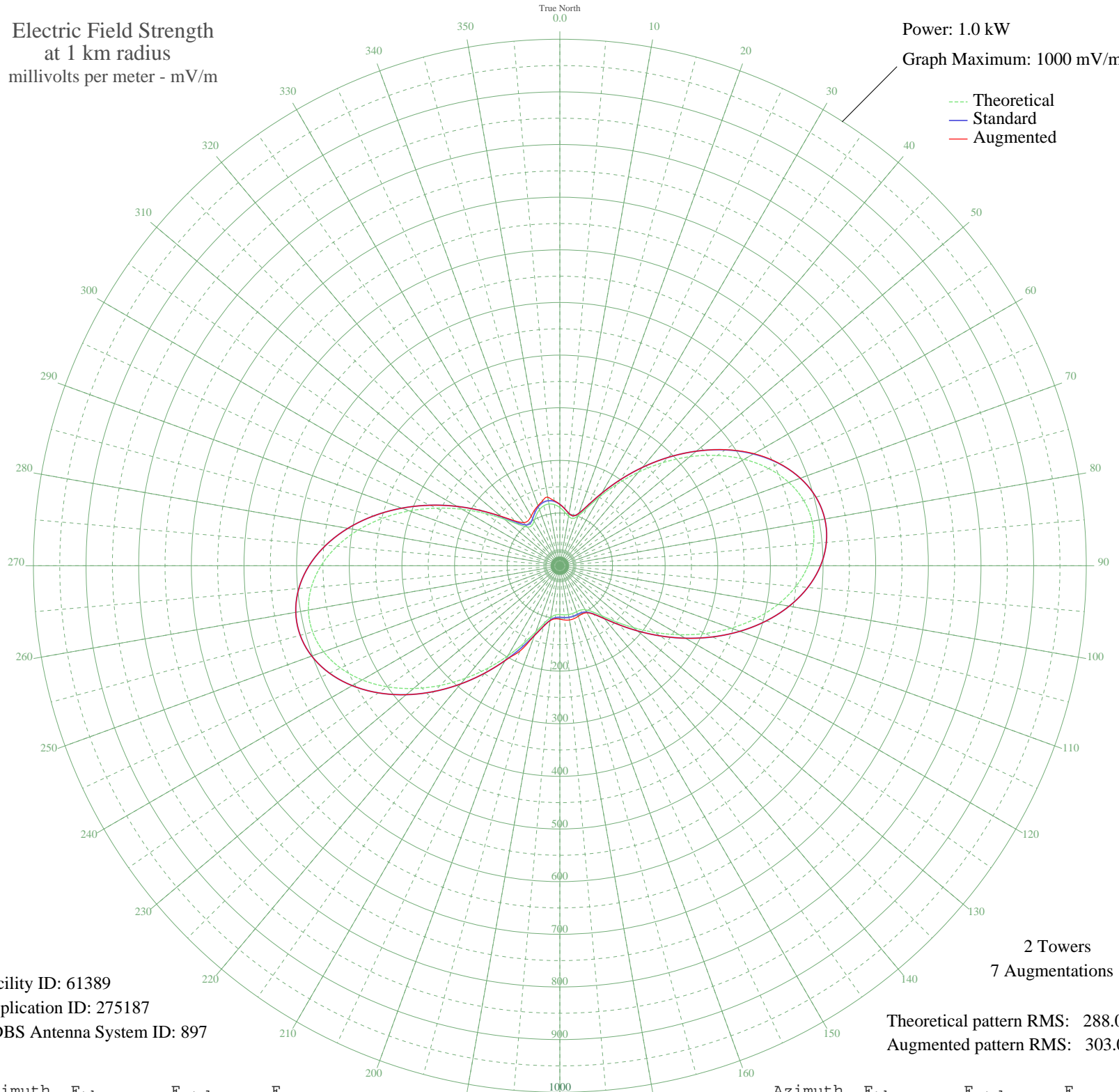


WZRK LAKE GENEVA, WI BL-19981008AA 1550 kHz

Daytime

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

Power: 1.0 kW
Graph Maximum: 1000 mV/m



--- Theoretical
— Standard
— Augmented

Facility ID: 61389
Application ID: 275187
CDBS Antenna System ID: 897

2 Towers
7 Augmentations

Theoretical pattern RMS: 288.07
Augmented pattern RMS: 303.09

Azimuth	E _{theo}	E _{std}	E _{aug}
0	110.61	116.62	116.62
5	102.72	108.36	108.36
10	95.35	100.67	100.67
15	92.91	98.12	98.12
20	100.48	106.03	106.03
25	120.38	126.83	126.83
30	150.93	158.82	158.82
35	189.05	198.78	198.78
40	231.88	243.70	243.70
45	276.99	291.03	291.03
50	322.16	338.43	338.43
55	365.26	383.66	384.30
60	404.27	424.61	425.75
65	437.32	459.31	459.84
70	462.83	486.09	486.09
75	479.54	503.63	503.63
80	486.66	511.10	511.10
85	483.90	508.20	508.20
90	471.50	495.19	495.19
95	450.22	472.84	472.84
100	421.23	442.42	442.42
105	386.08	405.52	405.52
110	346.55	364.03	364.03
115	304.56	319.96	319.96
120	262.04	275.34	275.34
125	220.92	232.21	232.21
130	183.07	192.51	192.51
135	150.30	158.17	158.17
140	124.32	130.95	130.95
145	106.37	112.18	112.51
150	96.51	101.88	103.23
155	93.00	98.22	100.98
160	93.00	98.21	102.27
165	93.91	99.16	104.06
170	94.21	99.48	104.57
175	93.56	98.79	103.43

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.

15 Feb 2012

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E _{theo}	E _{std}	E _{aug}
180	92.77	97.97	101.55
185	93.82	99.07	101.25
190	99.56	105.06	105.93
195	112.54	118.64	118.75
200	133.80	140.88	140.88
205	162.69	171.14	178.64
210	197.70	207.85	207.85
215	237.08	249.16	249.16
220	278.99	293.12	293.12
225	321.53	337.77	337.77
230	362.77	381.05	381.05
235	400.77	420.94	420.94
240	433.66	455.46	455.46
245	459.73	482.83	482.83
250	477.58	501.57	501.57
255	486.18	510.60	510.60
260	484.99	509.35	509.35
265	473.97	497.78	497.78
270	453.62	476.42	476.42
275	424.93	446.30	446.30
280	389.28	408.88	408.88
285	348.40	365.97	365.97
290	304.23	319.61	319.61
295	258.82	271.97	271.97
300	214.34	225.31	225.31
305	173.09	182.04	182.29
310	137.62	144.89	146.28
315	110.98	117.00	120.47
320	96.00	101.35	106.98
325	92.95	98.16	104.61
330	98.00	103.43	108.95
335	105.99	111.79	115.41
340	113.29	119.42	121.37
345	117.94	124.28	127.32
350	119.06	125.45	132.18
355	116.47	122.75	124.17