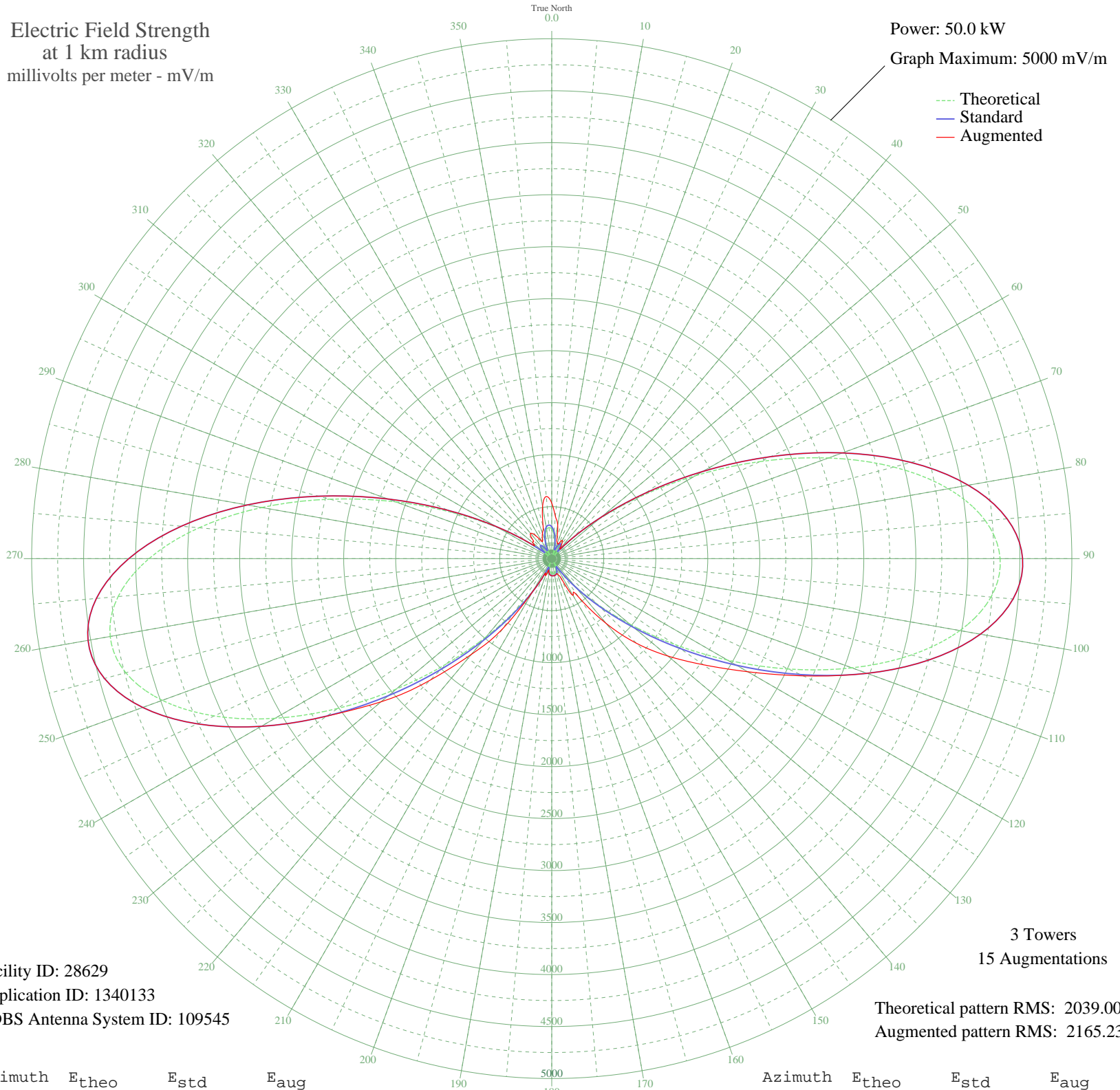


WQYK SEFFNER, FL BMML-20091021ACU 1010 kHz

Daytime

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

Power: 50.0 kW
Graph Maximum: 5000 mV/m



Facility ID: 28629
Application ID: 1340133
CDBS Antenna System ID: 109545

3 Towers
15 Augmentations

Theoretical pattern RMS: 2039.00
Augmented pattern RMS: 2165.23

Azimuth	E _{theo}	E _{std}	E _{aug}
0	284.02	307.33	534.37
5	235.12	257.80	406.86
10	160.98	184.61	329.20
15	75.69	108.76	192.75
20	49.33	90.53	162.18
25	111.07	138.25	162.58
30	143.56	168.03	203.00
35	114.29	141.11	164.62
40	42.04	86.37	119.05
45	242.84	265.57	265.57
50	585.26	619.00	619.00
55	1043.13	1097.80	1097.80
60	1596.17	1677.62	1677.62
65	2208.49	2320.11	2320.11
70	2830.43	2972.88	2972.88
75	3404.17	3575.15	3575.15
80	3871.85	4066.12	4066.12
85	4184.56	4394.42	4394.42
90	4310.34	4526.47	4526.47
95	4239.27	4451.85	4451.85
100	3984.57	4184.46	4184.46
105	3579.54	3759.25	3759.25
110	3071.12	3225.53	3225.53
115	2511.83	2638.47	2667.56
120	1951.74	2050.67	2175.40
125	1432.18	1505.62	1779.53
130	981.98	1033.75	1457.00
135	616.50	651.57	1150.81
140	339.02	363.63	814.12
145	144.56	168.97	454.64
150	41.16	85.91	409.08
155	79.29	111.55	190.27
160	116.52	143.12	154.75
165	134.03	159.11	159.11
170	140.38	165.04	165.04
175	141.78	166.35	166.35

Azimuth	E _{theo}	E _{std}	E _{aug}
180	140.38	165.04	165.04
185	134.03	159.11	159.11
190	116.52	143.12	143.12
195	79.29	111.55	111.55
200	41.16	85.91	175.00
205	144.56	168.97	168.97
210	339.02	363.63	363.63
215	616.50	651.57	825.49
220	981.98	1033.75	1202.29
225	1432.18	1505.62	1652.79
230	1951.74	2050.67	2141.97
235	2511.83	2638.47	2641.38
240	3071.12	3225.53	3225.53
245	3579.54	3759.25	3759.25
250	3984.57	4184.46	4184.46
255	4239.27	4451.85	4451.85
260	4310.34	4526.47	4526.47
265	4184.56	4394.42	4394.42
270	3871.85	4066.12	4066.12
275	3404.17	3575.15	3575.15
280	2830.43	2972.88	2972.88
285	2208.49	2320.11	2320.11
290	1596.17	1677.62	1677.62
295	1043.13	1097.80	1097.80
300	585.26	619.00	619.00
305	242.84	265.57	265.57
310	42.04	86.37	239.84
315	114.29	141.11	259.24
320	143.56	168.03	317.00
325	111.07	138.25	270.42
330	49.33	90.53	192.17
335	75.69	108.76	213.97
340	160.98	184.61	260.83
345	235.12	257.80	320.37
350	284.02	307.33	508.60
355	301.02	324.68	600.00

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