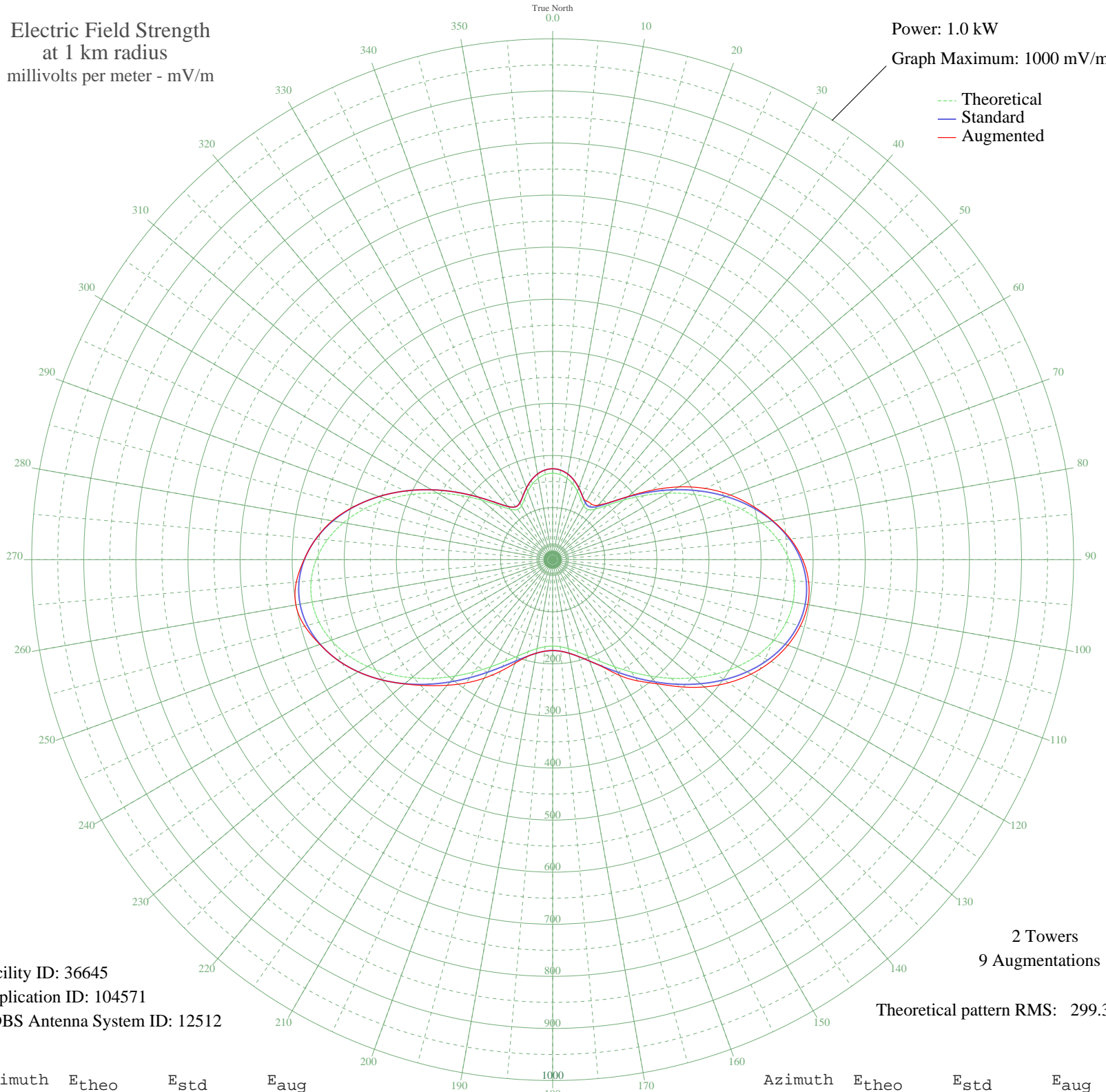


WLPO LASALLE, IL BL-19870821AA 1220 kHz

Daytime

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

Power: 1.0 kW
Graph Maximum: 1000 mV/m



Facility ID: 36645
Application ID: 104571
CDBS Antenna System ID: 12512

2 Towers
9 Augmentations

Theoretical pattern RMS: 299.34

Azimuth	E _{theo}	E _{std}	E _{aug}
0	165.93	174.55	174.55
5	164.09	172.61	172.61
10	158.68	166.94	166.94
15	150.14	158.00	158.00
20	139.39	146.74	146.74
25	128.18	134.99	134.99
30	119.49	125.90	130.03
35	117.63	123.95	130.17
40	126.60	133.34	136.79
45	147.40	155.13	155.69
50	177.89	187.08	188.37
55	214.87	225.86	232.41
60	255.41	268.39	279.28
65	297.02	312.05	323.48
70	337.53	354.56	362.88
75	375.01	393.90	397.69
80	407.76	428.28	429.40
85	434.39	456.23	458.10
90	453.81	476.62	480.00
95	465.34	488.72	493.28
100	468.74	492.29	497.29
105	464.17	487.49	492.23
110	452.22	474.95	480.31
115	433.82	455.63	462.58
120	410.17	430.81	439.60
125	382.67	401.94	411.99
130	352.79	370.57	380.14
135	322.00	338.27	345.11
140	291.72	306.48	311.02
145	263.17	276.53	284.02
150	237.41	249.50	256.49
155	215.20	226.21	227.14
160	197.05	207.17	207.17
165	183.16	192.60	192.60
170	173.47	182.45	182.45
175	167.80	176.50	176.50

Azimuth	E _{theo}	E _{std}	E _{aug}
180	165.93	174.55	174.55
185	167.80	176.50	176.50
190	173.47	182.45	182.45
195	183.16	192.60	193.06
200	197.05	207.17	211.81
205	215.20	226.21	236.29
210	237.41	249.50	262.65
215	263.17	276.53	288.83
220	291.72	306.48	314.82
225	322.00	338.27	341.89
230	352.79	370.57	371.10
235	382.67	401.94	401.94
240	410.17	430.81	430.81
245	433.82	455.63	455.63
250	452.22	474.95	475.52
255	464.17	487.49	492.73
260	468.74	492.29	500.51
265	465.34	488.72	493.95
270	453.81	476.61	477.19
275	434.39	456.23	456.30
280	407.76	428.28	429.62
285	375.01	393.90	394.22
290	337.53	354.56	354.56
295	297.02	312.05	312.05
300	255.41	268.39	268.39
305	214.87	225.86	225.86
310	177.89	187.08	187.08
315	147.40	155.13	155.13
320	126.60	133.34	133.34
325	117.63	123.95	123.95
330	119.49	125.90	125.90
335	128.18	134.99	134.99
340	139.39	146.74	146.74
345	150.14	158.00	158.00
350	158.68	166.94	166.94
355	164.09	172.61	172.61

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.

13 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission