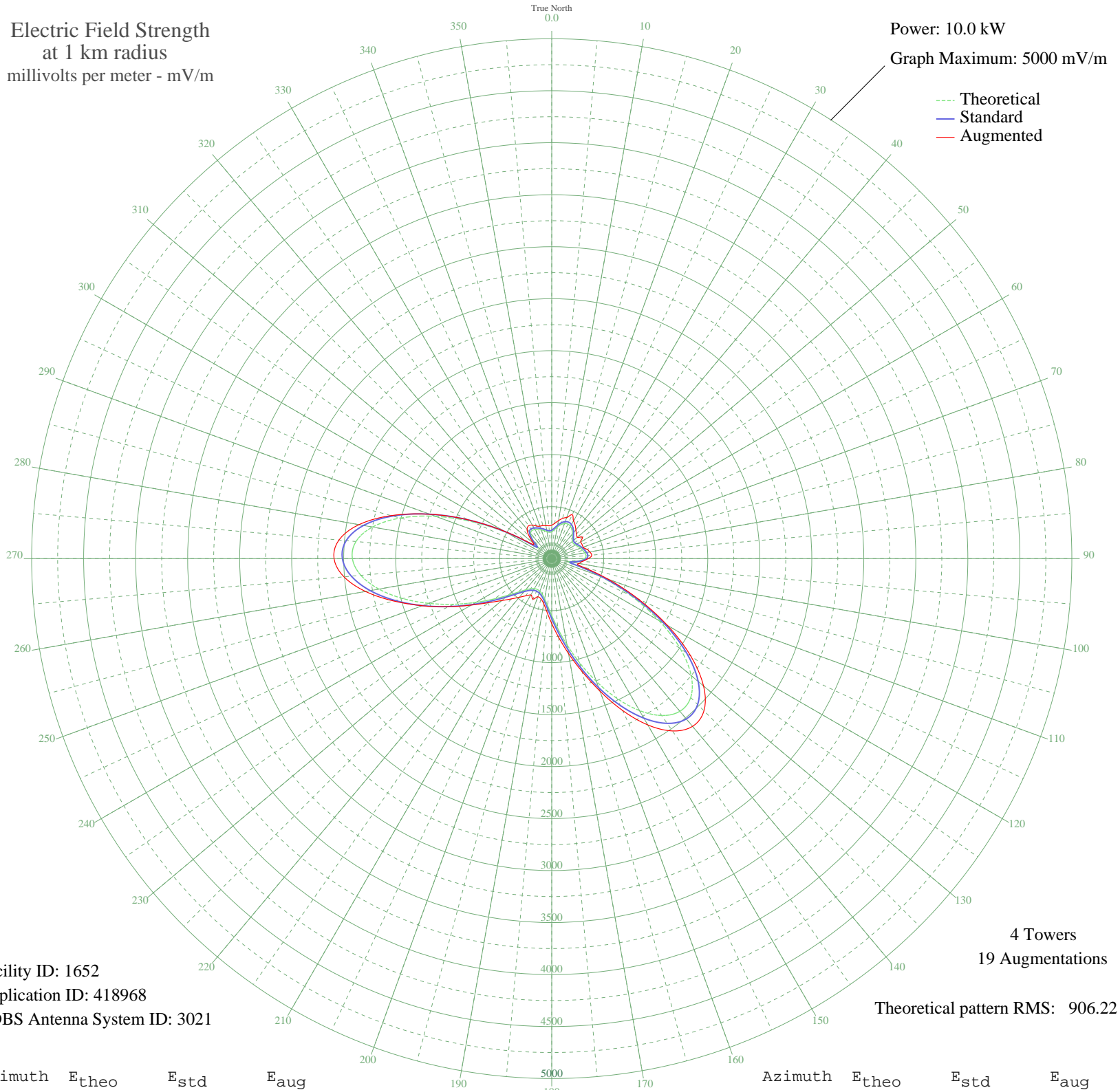


WQST FOREST, MS BL-13562 850 kHz

Daytime

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

Power: 10.0 kW
Graph Maximum: 5000 mV/m



Facility ID: 1652
Application ID: 418968
CDBS Antenna System ID: 3021

4 Towers
19 Augmentations
Theoretical pattern RMS: 906.22

Azimuth	E _{theo}	E _{std}	E _{aug}
0	258.23	273.17	321.76
5	279.02	294.85	341.74
10	309.11	326.25	370.93
15	338.60	357.07	399.92
20	359.46	378.89	420.64
25	366.92	386.70	466.26
30	359.46	378.89	418.36
35	338.60	357.07	391.99
40	309.11	326.25	361.17
45	279.02	294.85	334.85
50	258.23	273.17	319.53
55	253.51	268.25	360.00
60	262.97	278.11	320.26
65	278.49	294.30	321.52
70	293.83	310.30	321.60
75	308.29	325.40	349.13
80	322.64	340.40	371.34
85	330.70	348.82	386.24
90	315.71	333.15	349.94
95	258.60	273.56	297.66
100	172.40	184.04	266.08
105	234.40	248.35	304.39
110	497.92	523.87	575.03
115	836.56	879.01	917.33
120	1189.73	1249.65	1284.49
125	1508.08	1583.83	1630.43
130	1750.24	1838.05	1905.15
135	1889.27	1984.02	2069.64
140	1916.64	2012.75	2105.92
145	1841.72	1934.09	2023.08
150	1687.24	1771.92	1846.57
155	1482.76	1557.25	1611.09
160	1258.01	1321.33	1356.30
165	1038.06	1090.47	1122.50
170	840.70	883.36	925.37
175	676.15	710.73	758.96

Azimuth	E _{theo}	E _{std}	E _{aug}
180	548.00	576.36	623.84
185	454.91	478.81	516.96
190	392.25	413.20	441.01
195	353.78	372.95	400.54
200	333.51	351.76	389.20
205	327.25	345.22	429.75
210	333.51	351.76	402.18
215	353.78	372.95	436.37
220	392.25	413.20	485.14
225	454.92	478.81	547.18
230	548.00	576.36	627.14
235	676.15	710.73	737.87
240	840.71	883.37	893.22
245	1038.06	1090.47	1094.35
250	1258.02	1321.33	1324.07
255	1482.76	1557.25	1573.98
260	1687.24	1771.92	1818.04
265	1841.72	1934.09	2005.31
270	1916.64	2012.75	2092.81
275	1889.27	1984.01	2053.50
280	1750.24	1838.05	1882.23
285	1508.07	1583.83	1598.95
290	1189.72	1249.65	1249.65
295	836.55	879.01	879.01
300	497.92	523.87	528.23
305	234.40	248.35	274.67
310	172.40	184.04	228.53
315	258.61	273.56	308.99
320	315.71	333.15	369.06
325	330.70	348.82	386.24
330	322.64	340.40	372.04
335	308.29	325.40	346.27
340	293.83	310.30	332.52
345	278.49	294.30	328.68
350	262.97	278.11	322.48
355	253.51	268.25	317.05

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