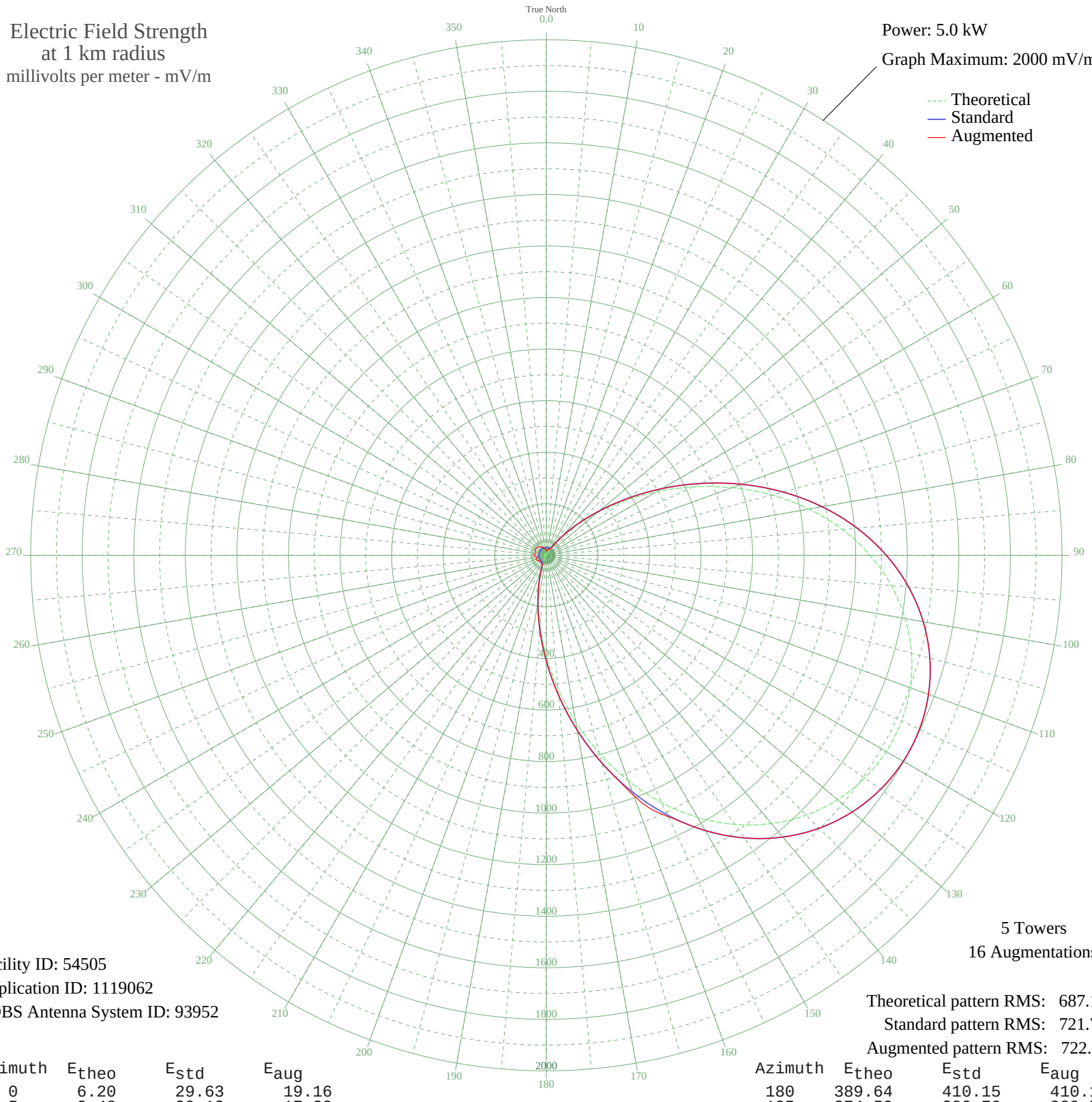
WIXC TITUSVILLE, FL BL-20051209AGK 1060 kHz

Nighttime

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



Power: 5.0 kW

Graph Maximum: 2000 mV/m

Theoretical
Standard
Augmented

5 Towers
16 Augmentations

Facility ID: 54505
Application ID: 1119062
CDBS Antenna System ID: 93952

Theoretical pattern RMS: 687.19
Standard pattern RMS: 721.73
Augmented pattern RMS: 722.54

Azimuth	E_{theo}	E_{std}	E_{aug}
0	6.20	29.63	19.16
5	3.48	29.13	17.22
10	1.68	28.96	18.18
15	7.47	29.95	19.70
20	10.74	31.03	24.10
25	7.28	29.90	28.09
30	7.66	30.00	29.04
35	38.58	49.76	49.76
40	88.99	97.81	97.81
45	160.75	171.24	171.24
50	253.64	267.89	267.89
55	365.37	384.73	384.73
60	491.84	517.24	517.24
65	627.69	659.71	659.71
70	767.05	805.92	805.92
75	904.11	949.75	949.75
80	1033.77	1085.84	1085.84
85	1151.94	1209.88	1209.88
90	1255.67	1318.78	1318.78
95	1343.15	1410.61	1410.61
100	1413.47	1484.42	1484.42
105	1466.36	1539.95	1539.95
110	1501.96	1577.32	1577.32
115	1520.51	1596.80	1596.80
120	1522.19	1598.56	1598.56
125	1507.03	1582.64	1582.64
130	1474.86	1548.87	1548.87
135	1425.44	1496.99	1496.99
140	1358.61	1426.83	1426.83
145	1274.51	1338.55	1338.55
150	1173.91	1232.95	1232.95
155	1058.43	1111.73	1118.78
160	930.78	977.75	992.85
165	794.82	835.06	835.06
170	655.48	688.86	688.86
175	518.44	545.13	545.13

Azimuth	E_{theo}	E_{std}	E_{aug}
180	389.64	410.15	410.15
185	274.59	289.76	289.76
190	177.68	188.79	188.79
195	101.61	110.54	110.54
200	47.02	57.21	57.21
205	12.43	31.72	36.95
210	5.36	29.45	38.37
215	10.74	31.02	34.99
220	8.45	30.23	33.80
225	2.87	29.06	34.56
230	2.61	29.03	35.94
235	5.89	29.56	36.05
240	6.21	29.63	40.00
245	3.86	29.19	41.58
250	0.16	28.90	43.61
255	4.57	29.30	37.88
260	8.23	30.17	37.38
265	10.36	30.88	43.16
270	10.68	31.00	46.77
275	9.36	30.53	47.34
280	6.94	29.81	44.84
285	4.14	29.23	41.51
290	1.71	28.96	43.76
295	0.25	28.90	47.49
300	0.11	28.90	48.18
305	1.32	28.94	47.19
310	3.60	29.15	46.04
315	6.38	29.67	45.87
320	8.94	30.39	43.82
325	10.54	30.95	39.98
330	10.57	30.96	37.82
335	8.79	30.34	35.34
340	5.39	29.45	29.90
345	1.05	28.92	25.89
350	3.15	29.09	26.44
355	5.93	29.57	24.87

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.

03 Jul 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission