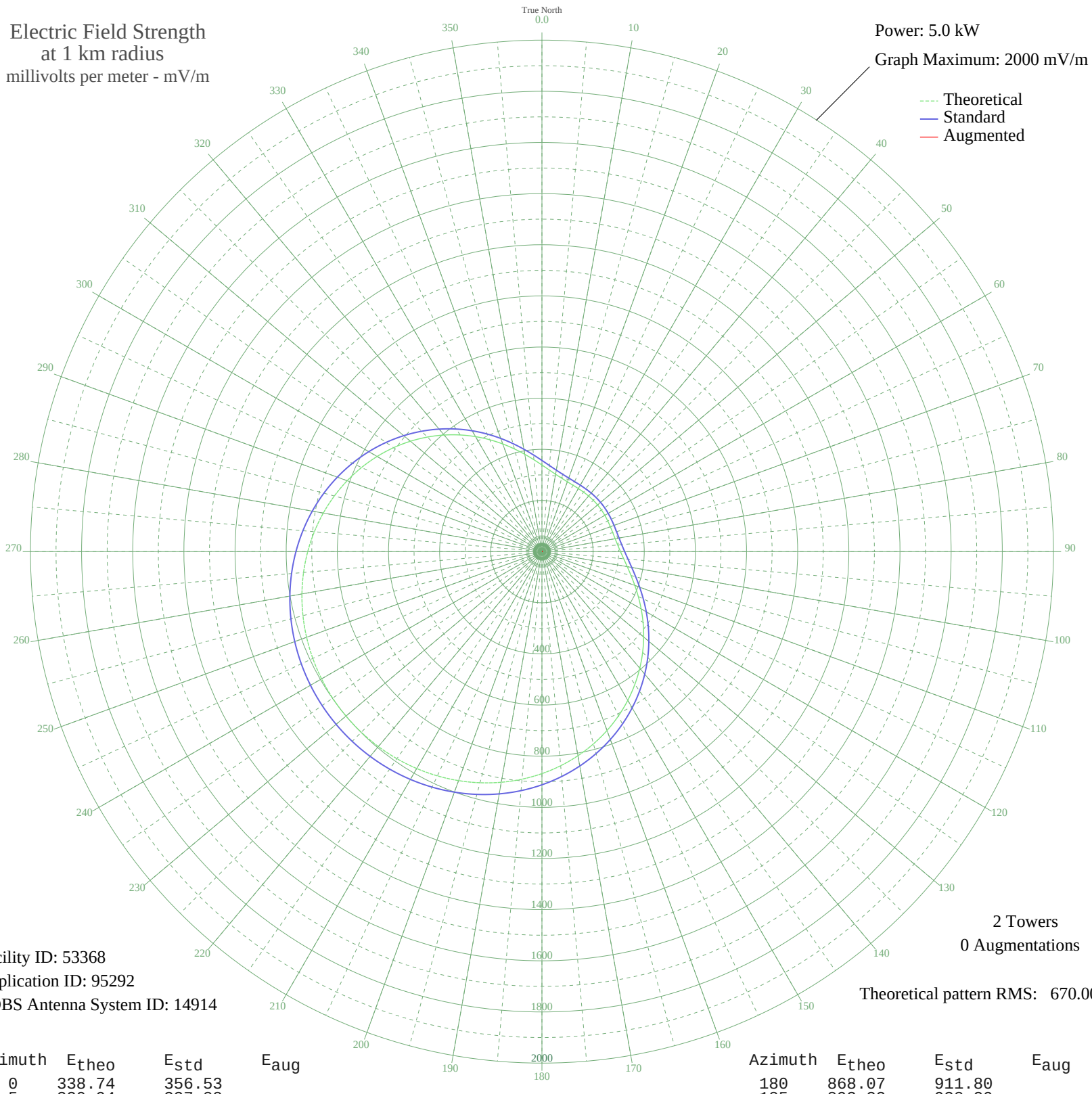
WKDL WARRENTON, VA BL-19861128AC 1250 kHz

Daytime

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



Power: 5.0 kW

Graph Maximum: 2000 mV/m

Theoretical
Standard
Augmented

2 Towers
0 Augmentations

Facility ID: 53368
Application ID: 95292
CDBS Antenna System ID: 14914

Theoretical pattern RMS: 670.00

Azimuth	E_{theo}	E_{std}	E_{aug}
0	338.74	356.53	
5	320.94	337.88	
10	307.20	323.50	
15	297.27	313.10	
20	290.65	306.17	
25	286.69	302.03	
30	284.68	299.92	
35	283.92	299.12	
40	283.82	299.02	
45	283.95	299.16	
50	284.02	299.23	
55	283.95	299.16	
60	283.82	299.02	
65	283.92	299.12	
70	284.68	299.92	
75	286.69	302.03	
80	290.65	306.17	
85	297.27	313.10	
90	307.20	323.50	
95	320.94	337.88	
100	338.74	356.53	
105	360.64	379.47	
110	386.43	406.49	
115	415.71	437.19	
120	447.98	471.02	
125	482.66	507.39	
130	519.14	545.66	
135	556.82	585.18	
140	595.12	625.36	
145	633.48	665.61	
150	671.40	705.40	
155	708.43	744.26	
160	744.17	781.77	
165	778.27	817.55	
170	810.43	851.31	
175	840.43	882.79	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	868.07	911.80	
185	893.22	938.20	
190	915.77	961.87	
195	935.68	982.77	
200	952.90	1000.85	
205	967.44	1016.11	
210	979.30	1028.56	
215	988.49	1038.21	
220	995.04	1045.08	
225	998.96	1049.20	
230	1000.27	1050.57	
235	998.96	1049.20	
240	995.04	1045.08	
245	988.49	1038.21	
250	979.30	1028.56	
255	967.44	1016.11	
260	952.90	1000.85	
265	935.68	982.77	
270	915.77	961.87	
275	893.22	938.20	
280	868.07	911.80	
285	840.43	882.79	
290	810.43	851.31	
295	778.27	817.55	
300	744.17	781.77	
305	708.43	744.26	
310	671.40	705.40	
315	633.48	665.61	
320	595.12	625.36	
325	556.82	585.18	
330	519.14	545.66	
335	482.66	507.39	
340	447.98	471.02	
345	415.71	437.19	
350	386.43	406.49	
355	360.64	379.47	

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.

26 Jun 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission