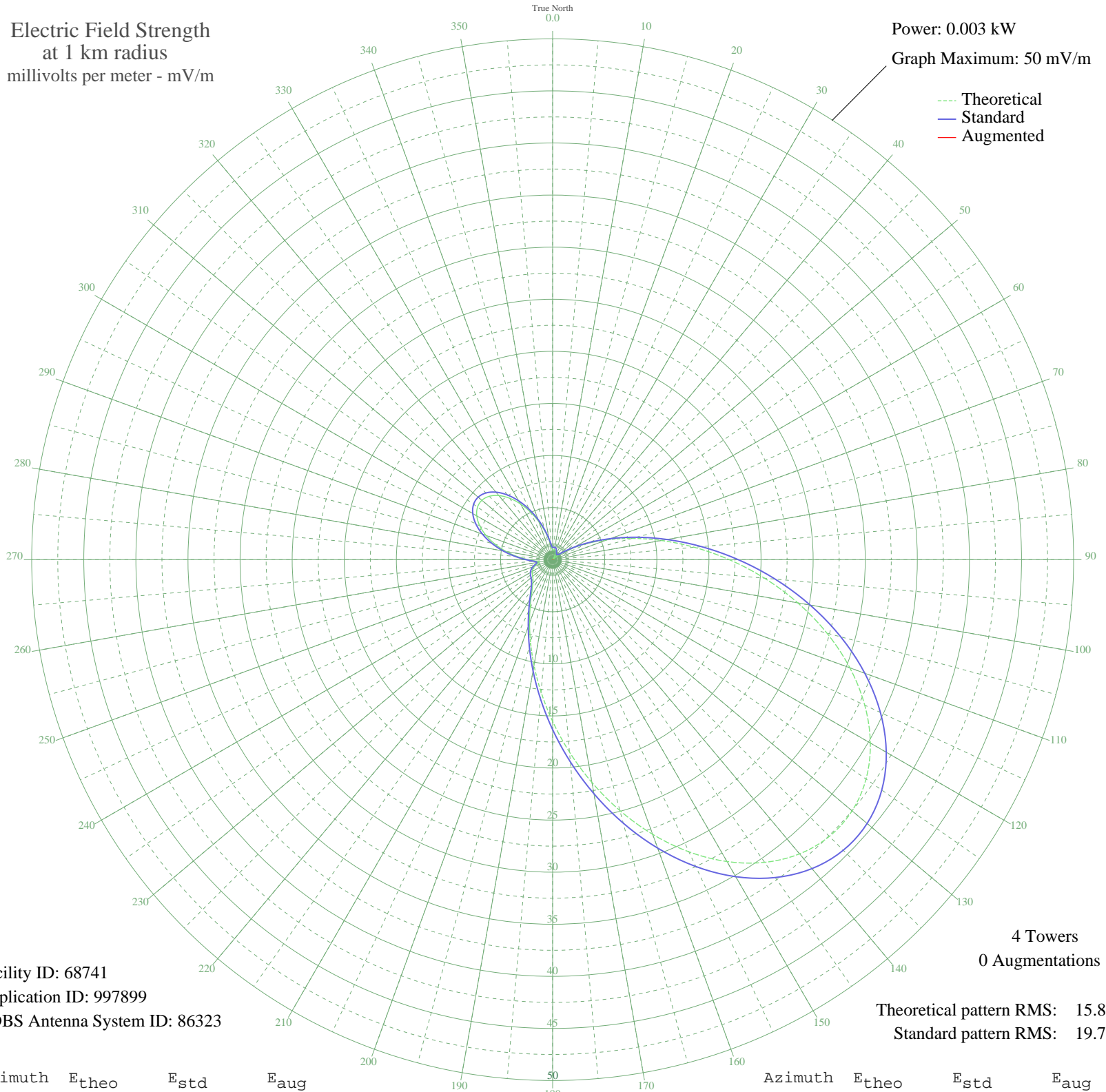


WPMH CLAREMONT, VA BL-20040526ATG 670 kHz

Nighttime

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

Power: 0.003 kW  
Graph Maximum: 50 mV/m



Facility ID: 68741  
Application ID: 997899  
CDBS Antenna System ID: 86323

4 Towers  
0 Augmentations

Theoretical pattern RMS: 15.89  
Standard pattern RMS: 19.71

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	0.90	1.15	
5	0.93	1.17	
10	0.99	1.22	
15	0.94	1.18	
20	0.78	1.04	
25	0.54	0.86	
30	0.29	0.71	
35	0.08	0.65	
40	0.00	0.65	
45	0.11	0.66	
50	0.47	0.82	
55	1.16	1.38	
60	2.22	2.42	
65	3.69	3.92	
70	5.58	5.89	
75	7.89	8.31	
80	10.60	11.15	
85	13.65	14.34	
90	16.95	17.81	
95	20.41	21.44	
100	23.89	25.09	
105	27.26	28.63	
110	30.36	31.88	
115	33.05	34.71	
120	35.21	36.97	
125	36.72	38.56	
130	37.52	39.40	
135	37.56	39.45	
140	36.87	38.72	
145	35.47	37.25	
150	33.46	35.14	
155	30.95	32.50	
160	28.06	29.47	
165	24.93	26.19	
170	21.72	22.81	
175	18.55	19.48	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	15.53	16.32	
185	12.76	13.41	
190	10.30	10.84	
195	8.21	8.64	
200	6.48	6.84	
205	5.13	5.43	
210	4.12	4.38	
215	3.41	3.64	
220	2.95	3.16	
225	2.67	2.87	
230	2.50	2.71	
235	2.39	2.59	
240	2.27	2.47	
245	2.09	2.28	
250	1.82	2.02	
255	1.51	1.71	
260	1.32	1.53	
265	1.59	1.79	
270	2.35	2.55	
275	3.39	3.61	
280	4.54	4.81	
285	5.71	6.03	
290	6.80	7.17	
295	7.73	8.14	
300	8.41	8.85	
305	8.80	9.26	
310	8.87	9.33	
315	8.60	9.06	
320	8.03	8.46	
325	7.20	7.59	
330	6.17	6.51	
335	5.03	5.32	
340	3.87	4.11	
345	2.77	2.98	
350	1.84	2.03	
355	1.17	1.39	

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