

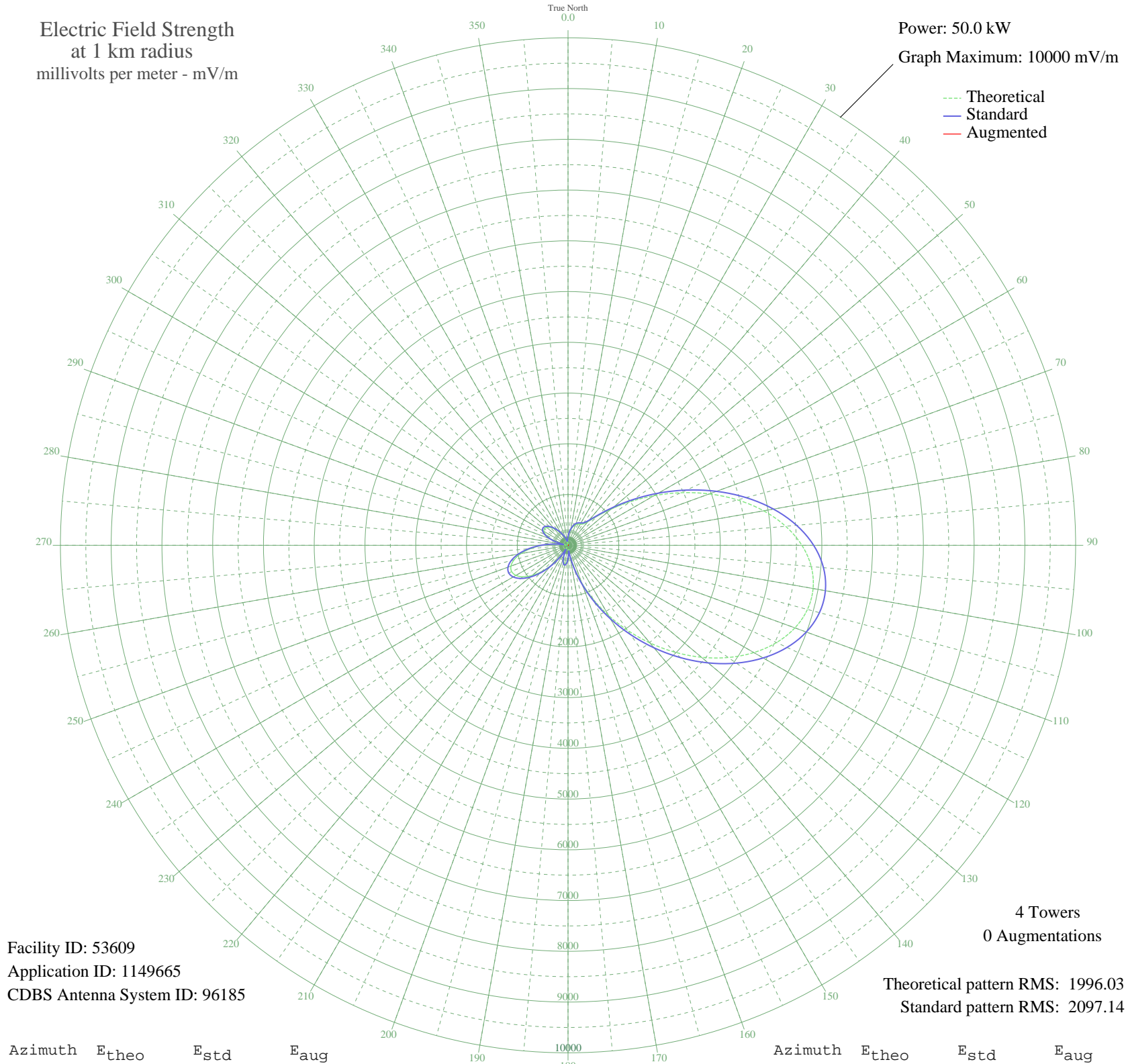
WFMO CONWAY, SC BMJP-20050114ADS 860 kHz

Daytime

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

Power: 50.0 kW  
Graph Maximum: 10000 mV/m

--- Theoretical  
— Standard  
— Augmented



Facility ID: 53609  
Application ID: 1149665  
CDBS Antenna System ID: 96185

4 Towers  
0 Augmentations

Theoretical pattern RMS: 1996.03  
Standard pattern RMS: 2097.14

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	149.10	173.26	
5	231.37	254.03	
10	310.71	334.58	
15	379.31	405.13	
20	430.15	457.72	
25	460.51	489.21	
30	478.40	507.77	
35	512.08	542.79	
40	609.71	644.49	
45	808.56	852.23	
50	1111.33	1169.26	
55	1501.09	1577.89	
60	1955.81	2054.94	
65	2451.26	2574.90	
70	2961.10	3110.04	
75	3457.71	3631.35	
80	3913.74	4110.10	
85	4304.14	4519.96	
90	4608.06	4839.03	
95	4810.38	5051.45	
100	4902.64	5148.31	
105	4883.20	5127.90	
110	4756.77	4995.16	
115	4533.36	4760.60	
120	4226.89	4438.86	
125	3853.83	4047.20	
130	3431.77	3604.12	
135	2978.39	3128.19	
140	2510.59	2637.16	
145	2043.99	2147.47	
150	1592.65	1673.93	
155	1168.95	1229.64	
160	783.75	826.28	
165	446.87	475.05	
170	172.02	195.29	
175	103.22	131.37	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	245.63	268.39	
185	339.68	364.31	
190	370.76	396.32	
195	339.59	364.21	
200	250.75	273.55	
205	114.13	140.98	
210	85.78	116.73	
215	288.23	311.62	
220	509.65	540.26	
225	727.53	767.51	
230	923.65	972.67	
235	1080.98	1137.45	
240	1184.96	1246.42	
245	1225.10	1288.50	
250	1196.28	1258.28	
255	1099.56	1156.92	
260	942.36	992.26	
265	737.77	778.21	
270	503.21	533.56	
275	258.57	281.47	
280	32.91	81.89	
285	189.71	212.59	
290	358.08	383.25	
295	478.47	507.85	
300	547.74	579.90	
305	568.48	601.50	
310	547.79	579.95	
315	495.87	525.93	
320	424.41	451.78	
325	344.81	369.58	
330	266.34	289.34	
335	194.41	217.21	
340	129.45	154.88	
345	67.55	102.68	
350	9.04	74.85	
355	70.48	104.83	

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