

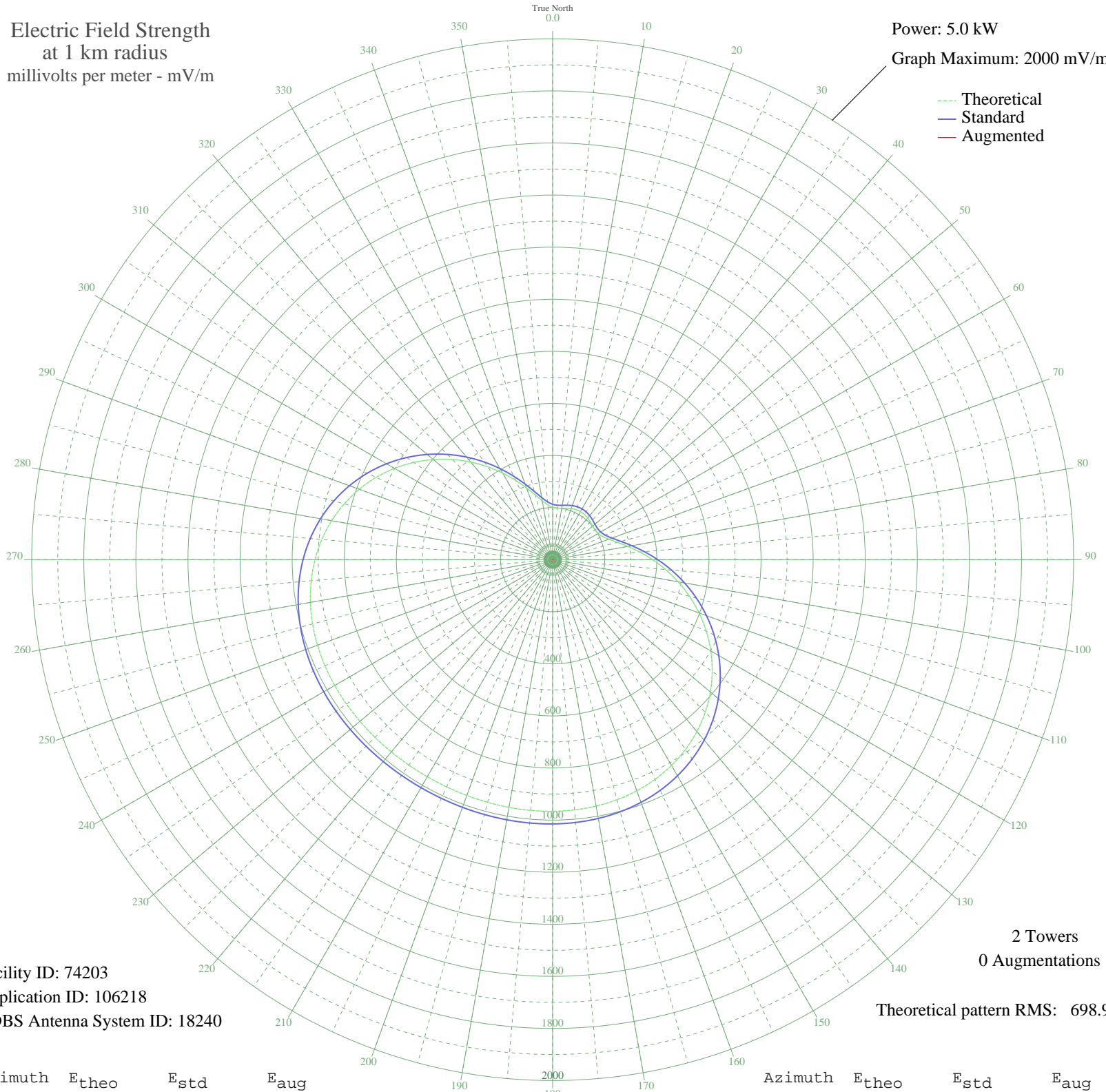
WCOG GREENSBORO, NC BL-19871027AE 1320 kHz

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



Facility ID: 74203
Application ID: 106218
CDBS Antenna System ID: 18240

2 Towers
0 Augmentations

Theoretical pattern RMS: 698.90

Azimuth	E _{theo}	E _{std}	E _{aug}
0	201.36	212.73	
5	198.64	209.89	
10	200.58	211.91	
15	204.70	216.22	
20	209.01	220.71	
25	212.11	223.95	
30	213.23	225.12	
35	212.11	223.95	
40	209.01	220.71	
45	204.70	216.22	
50	200.58	211.91	
55	198.64	209.89	
60	201.36	212.73	
65	211.16	222.96	
70	229.64	242.27	
75	257.17	271.05	
80	292.97	308.51	
85	335.63	353.20	
90	383.57	403.44	
95	435.21	457.58	
100	489.08	514.07	
105	543.79	571.46	
110	598.09	628.43	
115	650.83	683.77	
120	701.00	736.43	
125	747.74	785.48	
130	790.36	830.21	
135	828.35	870.08	
140	861.39	904.76	
145	889.36	934.12	
150	912.32	958.23	
155	930.51	977.31	
160	944.29	991.78	
165	954.15	1002.13	
170	960.66	1008.97	
175	964.45	1012.95	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	966.15	1014.73	
185	966.37	1014.96	
190	965.69	1014.25	
195	964.60	1013.11	
200	963.52	1011.97	
205	962.75	1011.16	
210	962.47	1010.87	
215	962.75	1011.16	
220	963.52	1011.97	
225	964.60	1013.11	
230	965.69	1014.25	
235	966.37	1014.96	
240	966.15	1014.73	
245	964.45	1012.95	
250	960.66	1008.97	
255	954.15	1002.13	
260	944.29	991.78	
265	930.51	977.31	
270	912.32	958.23	
275	889.36	934.12	
280	861.39	904.76	
285	828.35	870.08	
290	790.36	830.21	
295	747.74	785.48	
300	701.00	736.43	
305	650.83	683.77	
310	598.09	628.43	
315	543.79	571.46	
320	489.08	514.07	
325	435.21	457.58	
330	383.57	403.44	
335	335.63	353.20	
340	292.97	308.51	
345	257.17	271.05	
350	229.64	242.27	
355	211.16	222.96	

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