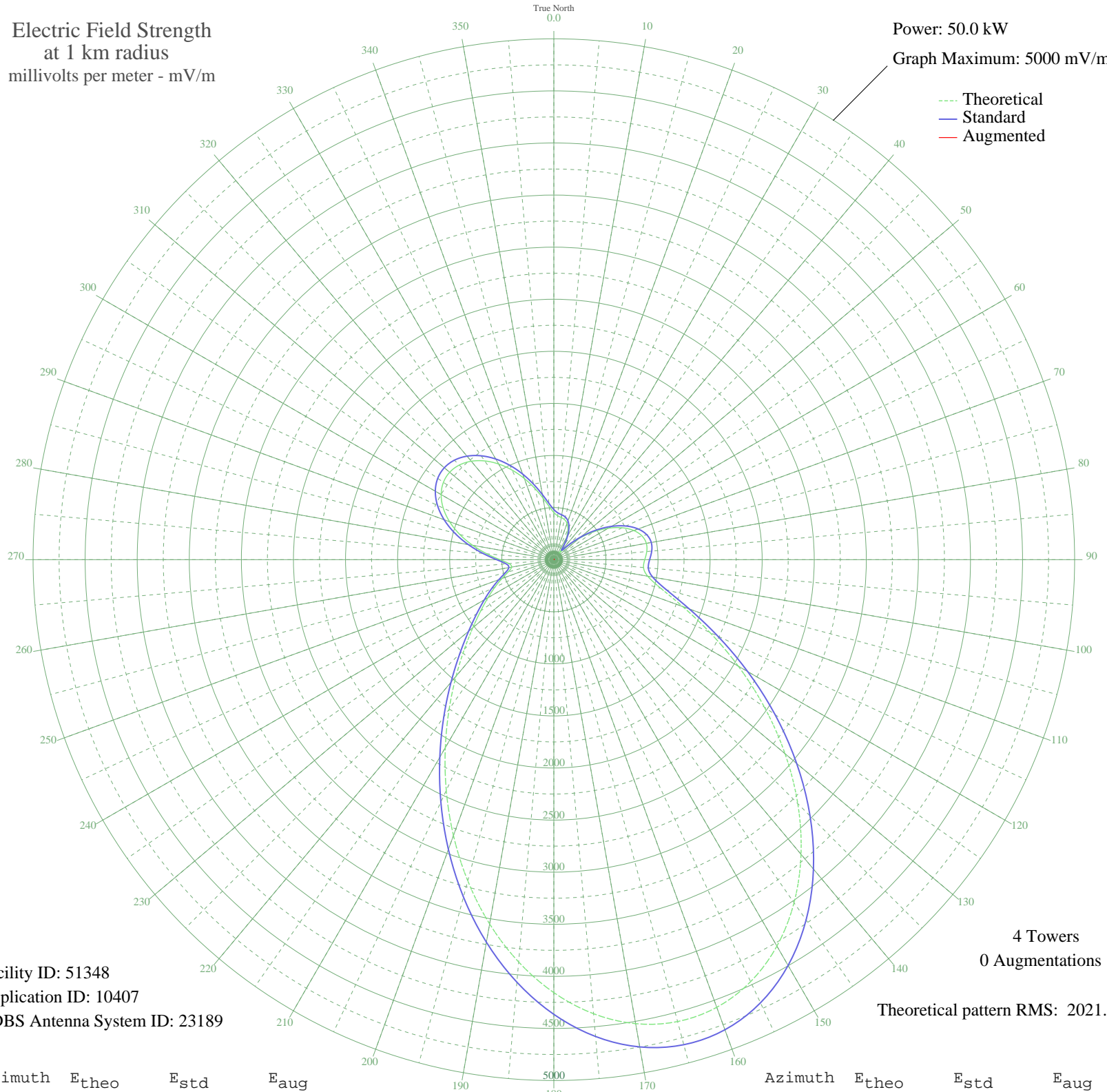


WAGL LANCASTER, SC BL-19790524AD 1560 kHz

Critical Hours

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

Power: 50.0 kW
Graph Maximum: 5000 mV/m



Facility ID: 51348
Application ID: 10407
CDBS Antenna System ID: 23189

4 Towers
0 Augmentations

Theoretical pattern RMS: 2021.34

Azimuth	E _{theo}	E _{std}	E _{aug}
0	452.82	481.22	
5	422.90	450.21	
10	410.29	437.15	
15	397.60	424.03	
20	370.19	395.73	
25	319.42	343.51	
30	242.96	265.69	
35	146.93	171.21	
40	82.71	114.25	
45	173.97	197.18	
50	317.24	341.28	
55	465.34	494.22	
60	604.39	638.93	
65	724.38	764.21	
70	817.19	861.25	
75	877.02	923.86	
80	901.77	949.77	
85	895.55	943.25	
90	872.89	919.54	
95	864.29	910.54	
100	915.02	963.63	
105	1063.66	1119.31	
110	1316.40	1384.21	
115	1652.79	1737.02	
120	2045.39	2148.94	
125	2468.21	2592.68	
130	2897.66	3043.44	
135	3312.16	3478.56	
140	3692.20	3877.53	
145	4020.68	4222.37	
150	4283.47	4498.25	
155	4469.90	4693.98	
160	4573.17	4802.40	
165	4590.44	4820.54	
170	4522.90	4749.62	
175	4375.45	4594.82	

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.

10 Nov 2011

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E _{theo}	E _{std}	E _{aug}
180	4156.41	4364.87	
185	3877.00	4071.52	
190	3550.66	3728.93	
195	3192.42	3352.87	
200	2818.14	2959.98	
205	2443.69	2566.95	
210	2084.14	2189.60	
215	1752.92	1842.06	
220	1460.73	1535.56	
225	1214.28	1277.15	
230	1014.76	1068.08	
235	857.01	902.92	
240	730.65	770.77	
245	624.07	659.46	
250	530.26	561.70	
255	453.07	481.48	
260	411.78	438.70	
265	432.33	459.98	
270	517.99	548.94	
275	645.87	682.22	
280	790.94	833.79	
285	934.93	984.48	
290	1064.97	1120.68	
295	1171.85	1232.68	
300	1249.41	1313.98	
305	1294.24	1360.98	
310	1305.40	1372.68	
315	1284.12	1350.37	
320	1233.30	1297.10	
325	1157.04	1217.15	
330	1060.28	1115.77	
335	948.78	998.99	
340	829.26	873.88	
345	709.86	749.04	
350	600.44	634.81	
355	511.91	542.61	