

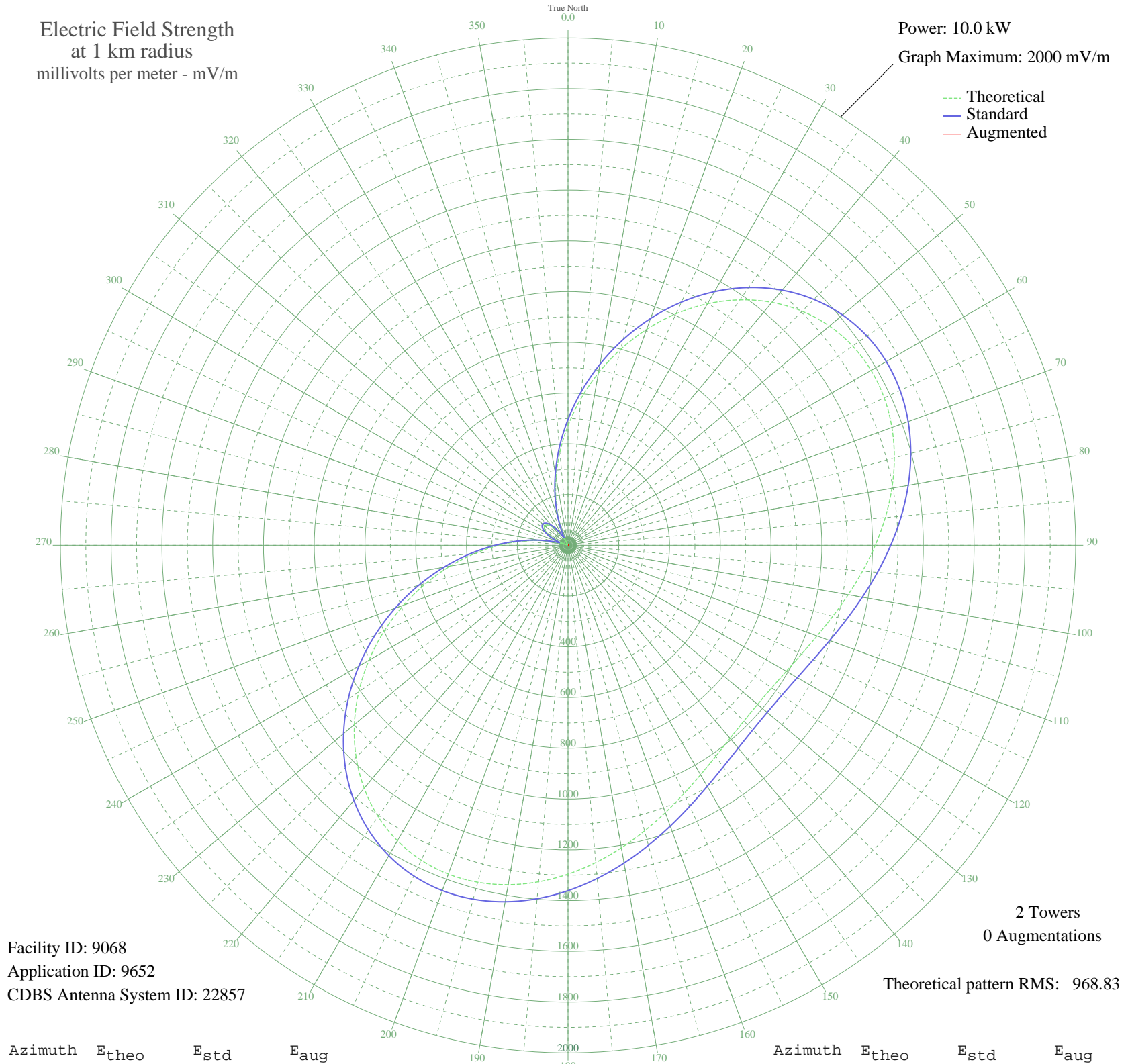
WLLQ CHAPEL HILL, NC BL-19790412AB 1530 kHz

Daytime

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

Power: 10.0 kW
Graph Maximum: 2000 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 9068
Application ID: 9652
CDBS Antenna System ID: 22857

2 Towers
0 Augmentations

Theoretical pattern RMS: 968.83

Azimuth	E _{theo}	E _{std}	E _{aug}
0	471.75	496.45	
5	579.50	609.38	
10	689.49	724.72	
15	799.14	839.76	
20	905.75	951.62	
25	1006.59	1057.44	
30	1099.05	1154.47	
35	1180.76	1240.24	
40	1249.78	1312.69	
45	1304.64	1370.27	
50	1344.47	1412.08	
55	1369.04	1437.88	
60	1378.74	1448.06	
65	1374.57	1443.68	
70	1358.03	1426.32	
75	1331.05	1398.00	
80	1295.86	1361.05	
85	1254.84	1318.00	
90	1210.45	1271.41	
95	1165.07	1223.78	
100	1120.94	1177.46	
105	1080.07	1134.56	
110	1044.22	1096.93	
115	1014.82	1066.08	
120	993.01	1043.19	
125	979.61	1029.12	
130	975.08	1024.38	
135	979.61	1029.12	
140	993.01	1043.19	
145	1014.82	1066.08	
150	1044.22	1096.93	
155	1080.07	1134.56	
160	1120.94	1177.46	
165	1165.07	1223.78	
170	1210.45	1271.41	
175	1254.84	1318.00	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	1295.85	1361.05	
185	1331.05	1398.00	
190	1358.03	1426.32	
195	1374.57	1443.68	
200	1378.74	1448.06	
205	1369.04	1437.88	
210	1344.47	1412.08	
215	1304.64	1370.27	
220	1249.78	1312.69	
225	1180.76	1240.24	
230	1099.05	1154.48	
235	1006.59	1057.44	
240	905.75	951.62	
245	799.14	839.76	
250	689.49	724.72	
255	579.50	609.38	
260	471.75	496.45	
265	368.57	388.42	
270	272.02	287.54	
275	183.79	195.82	
280	105.27	115.41	
285	37.50	51.51	
290	18.74	38.59	
295	62.91	73.93	
300	94.67	104.80	
305	113.80	124.02	
310	120.19	130.49	
315	113.80	124.02	
320	94.67	104.80	
325	62.91	73.93	
330	18.74	38.59	
335	37.50	51.51	
340	105.27	115.41	
345	183.79	195.82	
350	272.02	287.54	
355	368.57	388.42	

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

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Federal Communications Commission