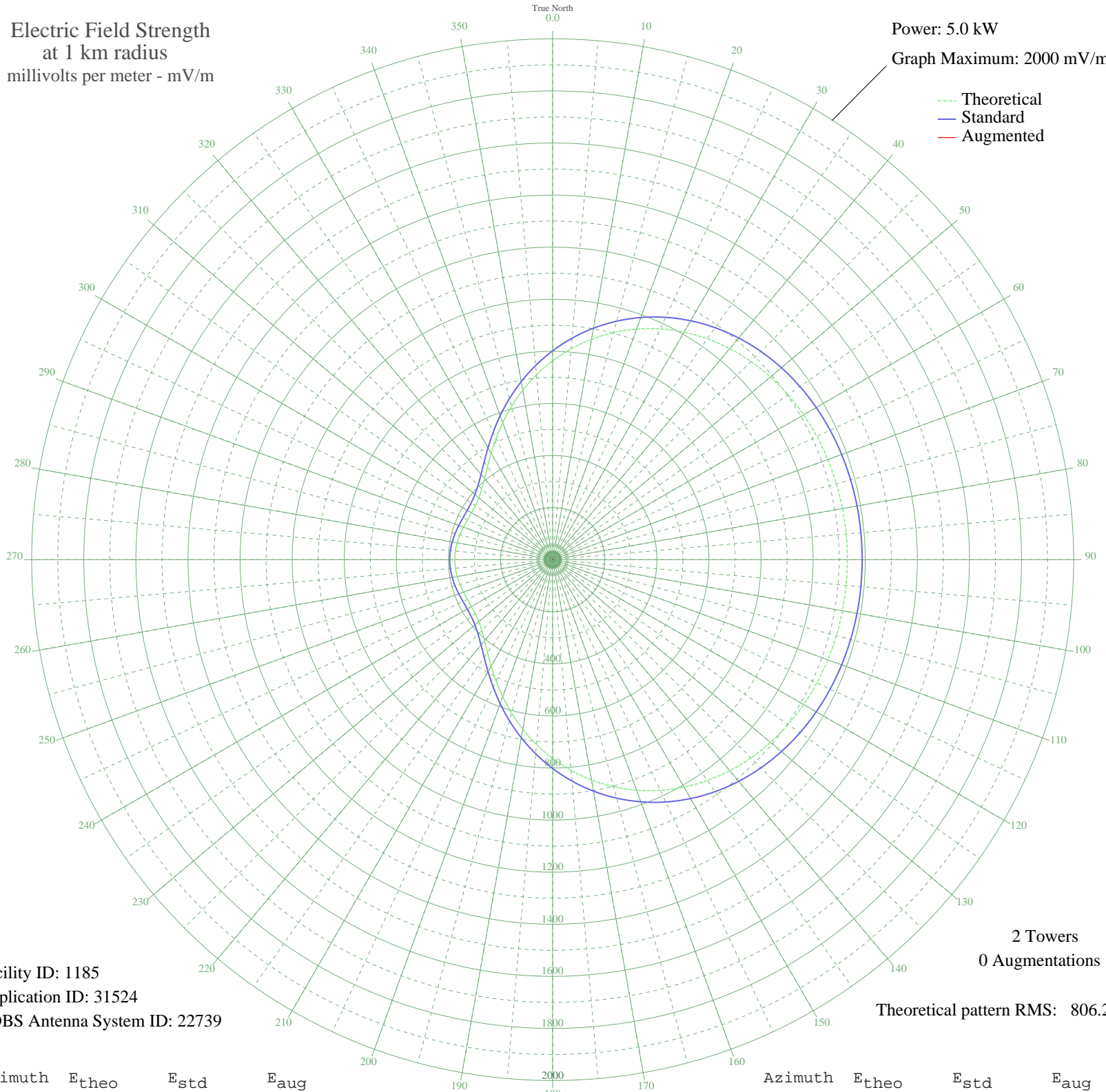


WHIM APOPKA, FL BL-19810615AB 1520 kHz

Daytime

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

Power: 5.0 kW
Graph Maximum: 2000 mV/m



Facility ID: 1185
Application ID: 31524
CDBS Antenna System ID: 22739

2 Towers
0 Augmentations

Theoretical pattern RMS: 806.28

Azimuth	E _{theo}	E _{std}	E _{aug}
0	763.36	801.87	
5	812.58	853.53	
10	859.20	902.47	
15	902.53	947.95	
20	942.07	989.45	
25	977.45	1026.59	
30	1008.53	1059.22	
35	1035.30	1087.32	
40	1057.88	1111.02	
45	1076.53	1130.60	
50	1091.59	1146.41	
55	1103.45	1158.86	
60	1112.56	1168.42	
65	1119.35	1175.55	
70	1124.25	1180.69	
75	1127.63	1184.24	
80	1129.81	1186.53	
85	1131.02	1187.80	
90	1131.40	1188.21	
95	1131.02	1187.80	
100	1129.81	1186.53	
105	1127.63	1184.24	
110	1124.25	1180.69	
115	1119.35	1175.55	
120	1112.56	1168.42	
125	1103.45	1158.86	
130	1091.59	1146.41	
135	1076.53	1130.60	
140	1057.88	1111.02	
145	1035.30	1087.32	
150	1008.53	1059.22	
155	977.45	1026.60	
160	942.07	989.45	
165	902.54	947.95	
170	859.20	902.47	
175	812.58	853.53	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	763.36	801.87	
185	712.41	748.39	
190	660.75	694.18	
195	609.55	640.46	
200	560.11	588.59	
205	513.79	539.99	
210	471.97	496.13	
215	435.94	458.34	
220	406.72	427.70	
225	384.89	404.81	
230	370.39	389.62	
235	362.50	381.35	
240	359.94	378.66	
245	361.11	379.89	
250	364.44	383.38	
255	368.50	387.63	
260	372.18	391.50	
265	374.70	394.14	
270	375.60	395.07	
275	374.70	394.14	
280	372.18	391.50	
285	368.50	387.63	
290	364.44	383.38	
295	361.11	379.89	
300	359.94	378.66	
305	362.50	381.35	
310	370.39	389.62	
315	384.89	404.81	
320	406.72	427.70	
325	435.94	458.34	
330	471.97	496.13	
335	513.79	539.99	
340	560.11	588.59	
345	609.55	640.46	
350	660.75	694.18	
355	712.41	748.39	

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.

14 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission