

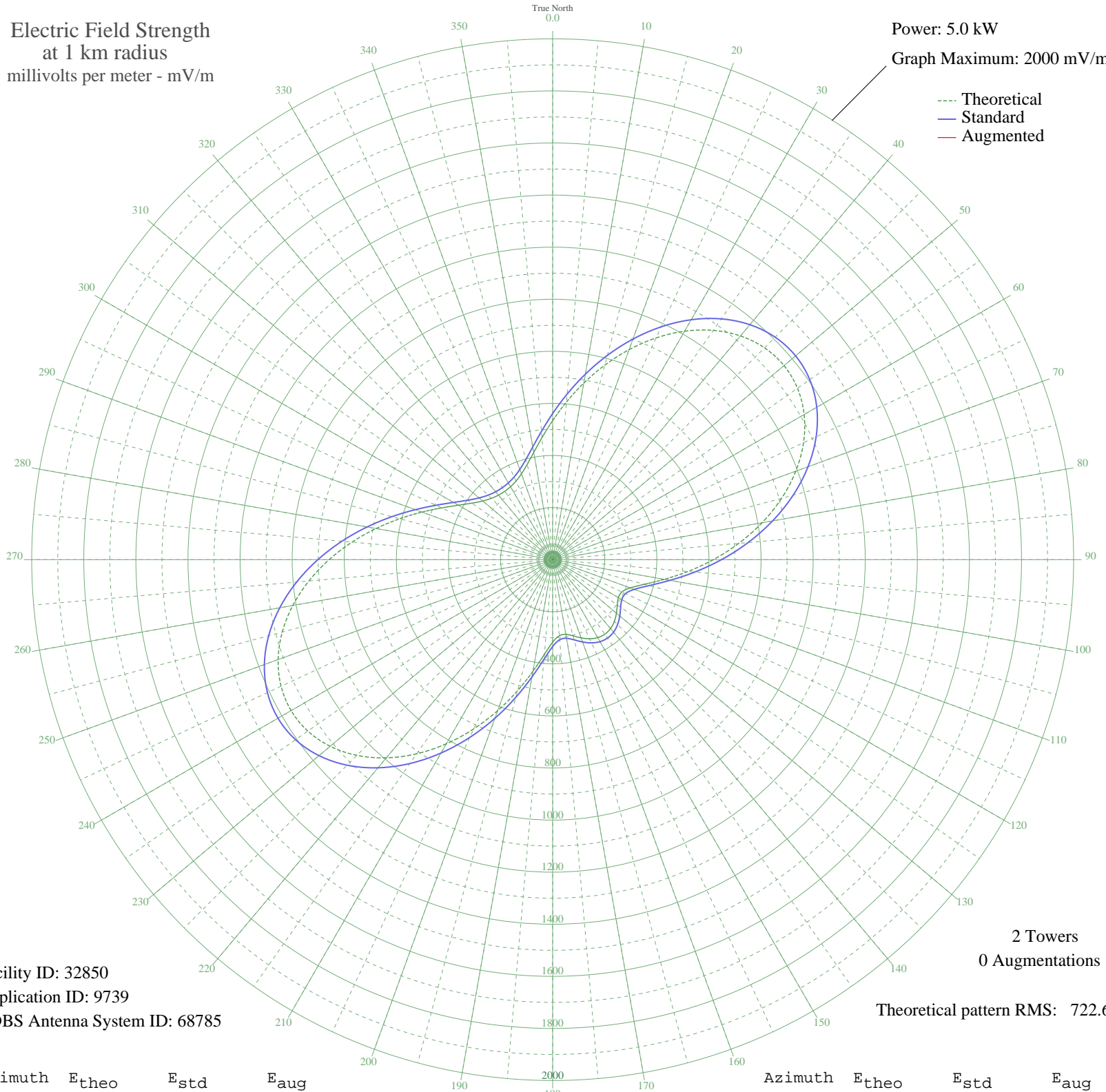
WPMO PASCAGOULA-MOSS POIN, MS BL-19790417AD 1580 kHz

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: 32850
Application ID: 9739
CDBS Antenna System ID: 68785

2 Towers
0 Augmentations

Theoretical pattern RMS: 722.60

Azimuth	E _{theo}	E _{std}	E _{aug}
0	534.00	561.14	
5	607.64	638.41	
10	688.48	723.25	
15	773.24	812.20	
20	858.20	901.39	
25	939.43	986.65	
30	1012.90	1063.77	
35	1074.75	1128.70	
40	1121.53	1177.81	
45	1150.40	1208.12	
50	1159.37	1217.54	
55	1147.48	1205.06	
60	1114.85	1170.81	
65	1062.72	1116.08	
70	993.36	1043.26	
75	909.94	955.70	
80	816.37	857.48	
85	717.07	753.26	
90	616.89	648.12	
95	521.02	547.52	
100	435.08	457.37	
105	365.12	384.01	
110	316.86	333.44	
115	293.21	308.67	
120	291.20	306.56	
125	302.84	318.75	
130	319.55	336.26	
135	335.05	352.50	
140	345.60	363.56	
145	349.31	367.44	
150	345.60	363.56	
155	335.05	352.50	
160	319.55	336.26	
165	302.84	318.75	
170	291.20	306.56	
175	293.21	308.67	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	316.86	333.44	
185	365.12	384.01	
190	435.08	457.37	
195	521.02	547.52	
200	616.89	648.11	
205	717.07	753.25	
210	816.37	857.48	
215	909.94	955.70	
220	993.36	1043.26	
225	1062.72	1116.08	
230	1114.85	1170.81	
235	1147.48	1205.06	
240	1159.37	1217.54	
245	1150.40	1208.12	
250	1121.53	1177.81	
255	1074.75	1128.71	
260	1012.90	1063.77	
265	939.43	986.65	
270	858.21	901.39	
275	773.24	812.20	
280	688.48	723.25	
285	607.64	638.41	
290	534.00	561.14	
295	470.23	494.24	
300	418.14	439.61	
305	378.45	397.99	
310	350.58	368.78	
315	332.94	350.29	
320	323.47	340.36	
325	320.52	337.28	
330	323.47	340.36	
335	332.94	350.29	
340	350.58	368.78	
345	378.45	397.99	
350	418.14	439.61	
355	470.23	494.24	

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.

6 Oct 2022

Prepared by Audio Division, Media Bureau
Federal Communications Commission