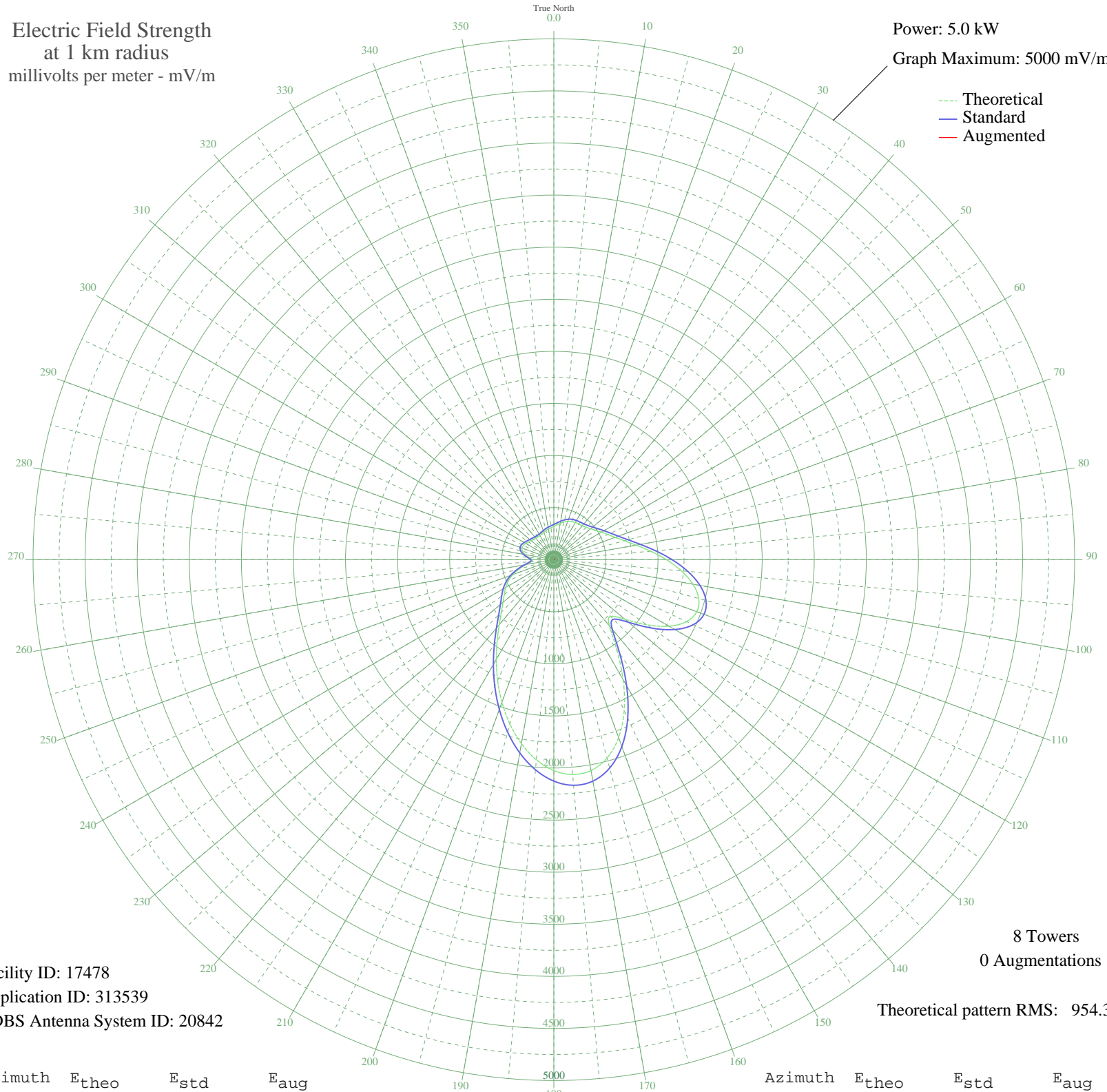


# WROA GULFPORT, MS BL-- 1390 kHz

Daytime

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

Power: 5.0 kW  
Graph Maximum: 5000 mV/m



Facility ID: 17478  
Application ID: 313539  
CDBS Antenna System ID: 20842

8 Towers  
0 Augmentations

Theoretical pattern RMS: 954.34

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	319.64	337.96	
5	335.30	354.28	
10	354.37	374.19	
15	374.20	394.90	
20	391.48	412.96	
25	404.04	426.08	
30	411.90	434.30	
35	417.62	440.28	
40	425.43	448.45	
45	439.49	463.16	
50	461.84	486.55	
55	491.94	518.05	
60	528.30	556.13	
65	571.55	601.43	
70	626.48	658.99	
75	701.33	737.46	
80	803.28	844.37	
85	932.68	980.12	
90	1080.32	1135.02	
95	1228.80	1290.85	
100	1356.16	1424.52	
105	1439.79	1512.30	
110	1460.45	1533.98	
115	1406.27	1477.11	
120	1276.95	1341.39	
125	1089.52	1144.68	
130	889.52	934.83	
135	769.08	808.51	
140	830.29	872.70	
145	1051.04	1104.30	
150	1330.33	1397.41	
155	1598.06	1678.43	
160	1817.77	1909.07	
165	1972.10	2071.09	
170	2055.52	2158.66	
175	2070.40	2174.29	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	2024.36	2125.95	
185	1927.98	2024.77	
190	1793.22	1883.30	
195	1632.19	1714.26	
200	1456.54	1529.88	
205	1277.25	1341.69	
210	1104.59	1160.49	
215	948.06	996.26	
220	815.71	857.41	
225	712.30	748.96	
230	636.83	669.84	
235	581.36	611.71	
240	533.55	561.63	
245	481.66	507.29	
250	418.78	441.50	
255	345.17	364.59	
260	270.21	286.47	
265	215.11	229.31	
270	205.88	219.78	
275	238.23	253.26	
280	280.82	297.51	
285	312.37	330.37	
290	325.97	344.55	
295	323.50	341.97	
300	311.41	329.38	
305	296.86	314.21	
310	284.43	301.26	
315	275.23	291.69	
320	268.84	285.05	
325	265.56	281.64	
330	266.54	282.66	
335	272.10	288.44	
340	280.72	297.40	
345	290.05	307.12	
350	298.87	316.30	
355	308.02	325.83	

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