

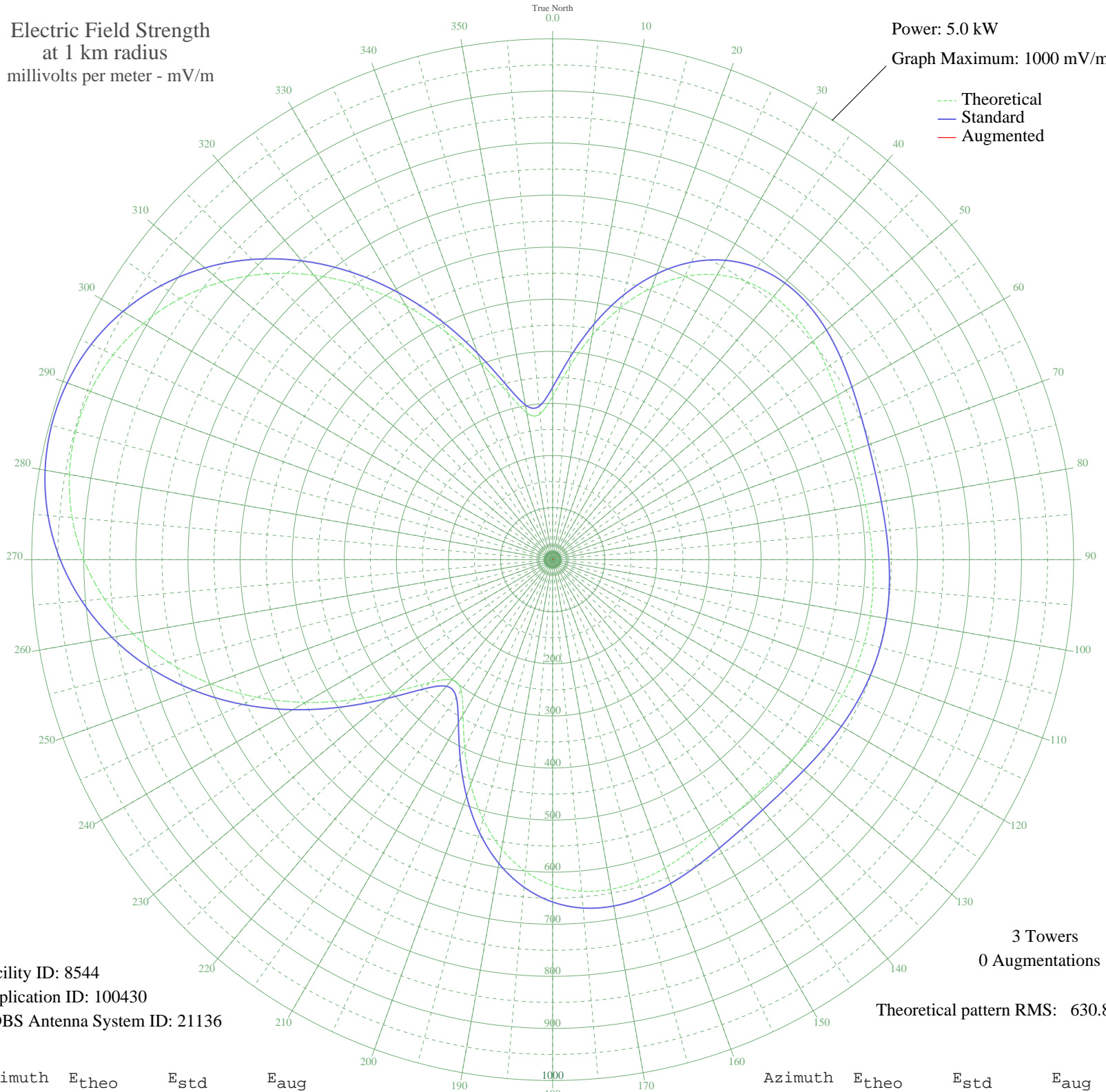
WIQR PRATTVILLE, AL BL-19870413AA 1410 kHz

Daytime

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

Power: 5.0 kW
Graph Maximum: 1000 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 8544
Application ID: 100430
CDBS Antenna System ID: 21136

3 Towers
0 Augmentations

Theoretical pattern RMS: 630.80

Azimuth	E _{theo}	E _{std}	E _{aug}
0	314.30	330.94	
5	371.77	391.14	
10	437.17	459.70	
15	500.36	525.96	
20	555.56	583.86	
25	599.71	630.18	
30	631.55	663.59	
35	651.22	684.22	
40	659.89	693.33	
45	659.61	693.03	
50	652.92	686.02	
55	642.63	675.21	
60	631.39	663.42	
65	621.43	652.97	
70	614.22	645.40	
75	610.38	641.37	
80	609.71	640.67	
85	611.40	642.45	
90	614.30	645.50	
95	617.23	648.57	
100	619.16	650.59	
105	619.40	650.84	
110	617.63	648.98	
115	613.97	645.14	
120	608.97	639.89	
125	603.54	634.20	
130	598.87	629.30	
135	596.24	626.54	
140	596.74	627.06	
145	600.97	631.50	
150	608.76	639.68	
155	619.03	650.45	
160	629.84	661.80	
165	638.65	671.04	
170	642.62	675.21	
175	639.03	671.44	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	625.59	657.33	
185	600.75	631.27	
190	563.99	592.71	
195	516.11	542.48	
200	459.60	483.22	
205	399.35	420.05	
210	343.83	361.87	
215	306.24	322.51	
220	301.27	317.30	
225	333.74	351.30	
230	394.07	414.52	
235	468.83	492.90	
240	548.09	576.03	
245	625.67	657.42	
250	697.85	733.16	
255	762.37	800.87	
260	817.94	859.19	
265	863.87	907.40	
270	899.87	945.18	
275	925.87	972.47	
280	941.91	989.31	
285	948.05	995.76	
290	944.33	991.85	
295	930.70	977.55	
300	907.10	952.78	
305	873.44	917.44	
310	829.69	871.53	
315	776.03	815.21	
320	712.92	748.97	
325	641.35	673.87	
330	563.10	591.77	
335	481.23	505.90	
340	400.97	421.75	
345	331.27	348.72	
350	286.31	301.64	
355	280.63	295.70	

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