

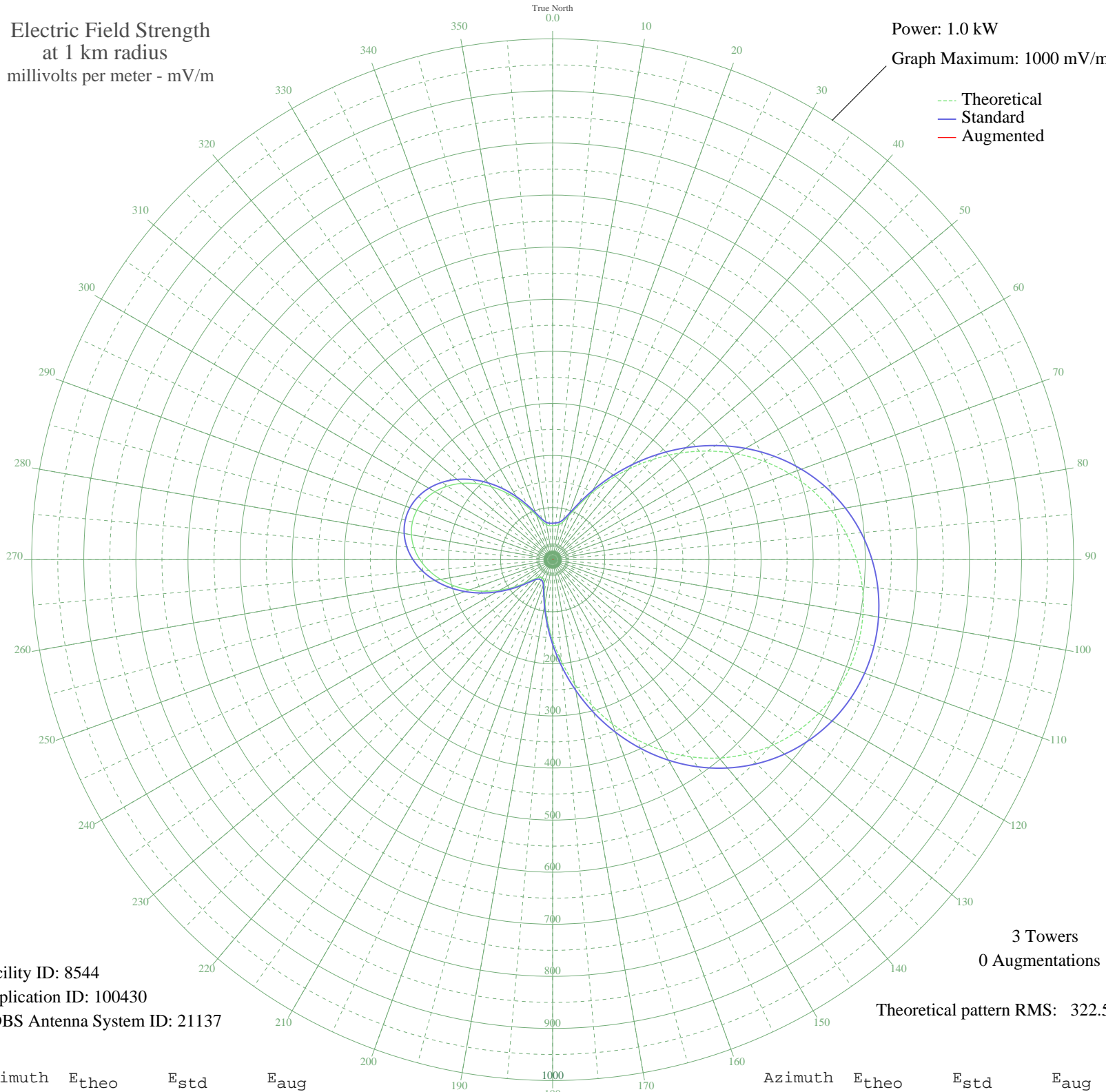
# WIQR PRATTVILLE, AL BL-19870413AA 1410 kHz

Nighttime

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

Power: 1.0 kW  
Graph Maximum: 1000 mV/m

--- Theoretical  
— Standard  
— Augmented



Facility ID: 8544  
Application ID: 100430  
CDBS Antenna System ID: 21137

3 Towers  
0 Augmentations

Theoretical pattern RMS: 322.50

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	65.29	70.00	
5	66.01	70.74	
10	68.22	73.01	
15	74.83	79.83	
20	89.32	94.85	
25	113.14	119.63	
30	145.30	153.22	
35	183.87	193.58	
40	226.78	238.54	
45	272.13	286.08	
50	318.21	334.41	
55	363.52	381.96	
60	406.81	427.38	
65	447.07	469.63	
70	483.54	507.91	
75	515.69	541.66	
80	543.20	570.53	
85	565.89	594.35	
90	583.70	613.05	
95	596.66	626.65	
100	604.80	635.19	
105	608.16	638.73	
110	606.77	637.26	
115	600.61	630.80	
120	589.64	619.28	
125	573.81	602.67	
130	553.08	580.91	
135	527.47	554.02	
140	497.08	522.12	
145	462.15	485.47	
150	423.12	444.51	
155	380.63	399.91	
160	335.53	352.59	
165	288.94	303.71	
170	242.16	254.66	
175	196.69	207.00	

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.

04 Jul 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	154.14	162.47	
185	116.25	122.87	
190	84.78	90.13	
195	61.54	66.14	
200	47.65	51.99	
205	41.85	46.16	
210	40.49	44.80	
215	41.28	45.59	
220	45.27	49.59	
225	54.95	59.41	
230	71.10	75.98	
235	92.46	98.10	
240	117.16	123.83	
245	143.47	151.31	
250	169.89	178.95	
255	195.18	205.42	
260	218.29	229.64	
265	238.42	250.74	
270	254.91	268.03	
275	267.31	281.03	
280	275.28	289.38	
285	278.63	292.90	
290	277.30	291.50	
295	271.32	285.24	
300	260.87	274.28	
305	246.24	258.94	
310	227.88	239.69	
315	206.40	217.18	
320	182.64	192.29	
325	157.65	166.13	
330	132.76	140.11	
335	109.61	115.95	
340	90.10	95.65	
345	76.04	81.08	
350	68.24	73.03	
355	65.48	70.19	