

WPNN PENSACOLA, FL BP-20100222AAB 780 kHz

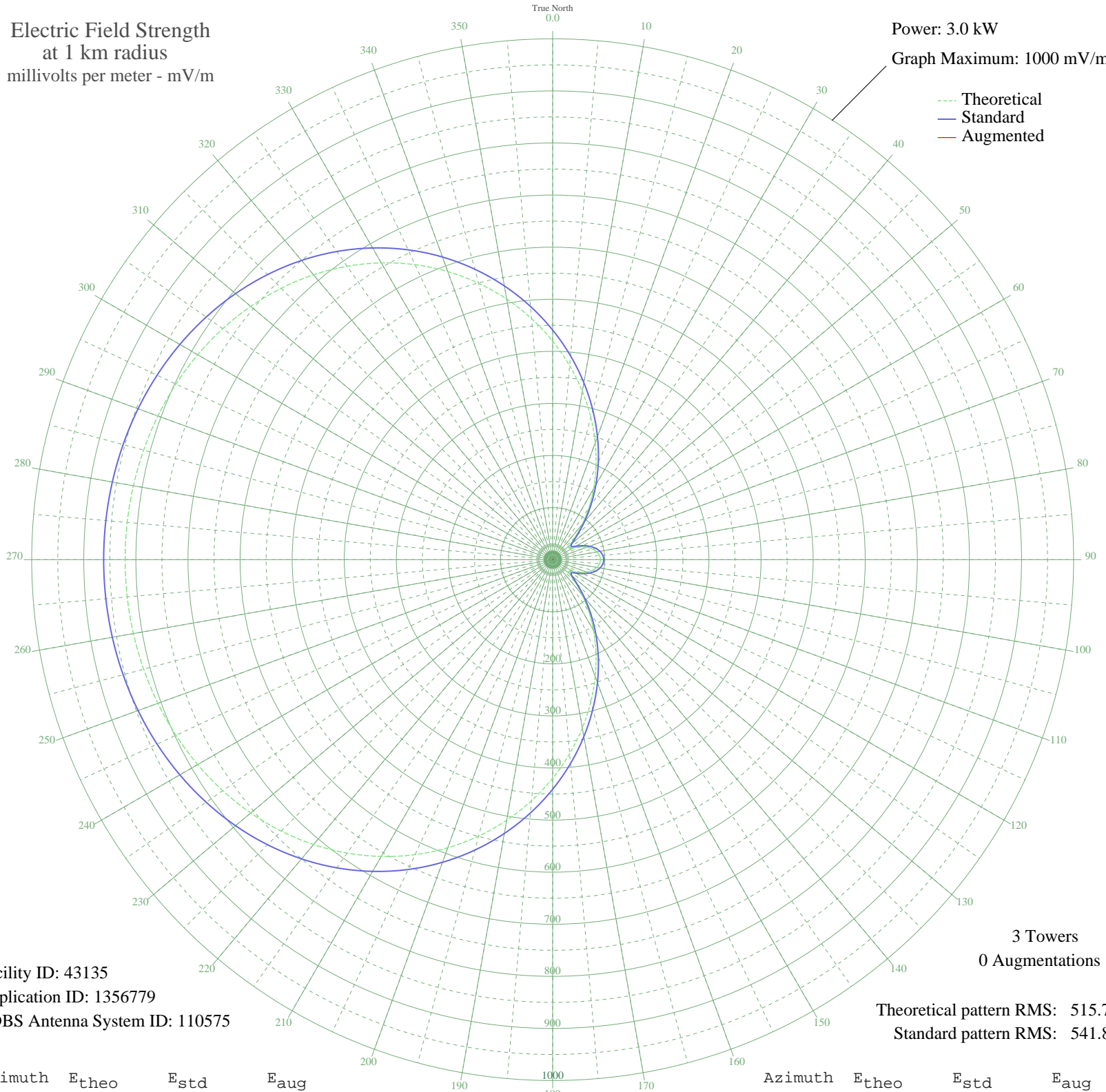
Daytime

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

Power: 3.0 kW

Graph Maximum: 1000 mV/m

--- Theoretical  
— Standard  
— Augmented



Facility ID: 43135  
Application ID: 1356779  
CDBS Antenna System ID: 110575

3 Towers  
0 Augmentations  
Theoretical pattern RMS: 515.70  
Standard pattern RMS: 541.80

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	419.53	440.88	
5	373.83	392.95	
10	328.04	344.92	
15	282.83	297.52	
20	238.85	251.45	
25	196.77	207.40	
30	157.19	166.05	
35	120.77	128.11	
40	88.32	94.50	
45	61.24	66.83	
50	42.76	48.44	
55	38.17	44.01	
60	46.02	51.63	
65	58.02	63.58	
70	69.58	75.29	
75	79.12	85.05	
80	86.10	92.22	
85	90.33	96.57	
90	91.74	98.03	
95	90.33	96.57	
100	86.10	92.22	
105	79.12	85.05	
110	69.58	75.29	
115	58.02	63.58	
120	46.02	51.63	
125	38.17	44.01	
130	42.76	48.44	
135	61.24	66.83	
140	88.32	94.50	
145	120.77	128.11	
150	157.19	166.05	
155	196.77	207.40	
160	238.85	251.45	
165	282.82	297.52	
170	328.04	344.92	
175	373.83	392.95	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	419.52	440.88	
185	464.45	488.01	
190	507.98	533.69	
195	549.53	577.30	
200	588.63	618.32	
205	624.86	656.35	
210	657.93	691.07	
215	687.67	722.28	
220	714.00	749.92	
225	736.94	774.00	
230	756.59	794.63	
235	773.14	812.00	
240	786.79	826.33	
245	797.78	837.87	
250	806.37	846.89	
255	812.78	853.61	
260	817.21	858.26	
265	819.80	860.98	
270	820.65	861.88	
275	819.80	860.98	
280	817.21	858.26	
285	812.78	853.61	
290	806.37	846.89	
295	797.78	837.87	
300	786.79	826.33	
305	773.14	812.00	
310	756.59	794.63	
315	736.94	774.00	
320	714.00	749.92	
325	687.67	722.28	
330	657.93	691.07	
335	624.86	656.35	
340	588.63	618.32	
345	549.53	577.30	
350	507.98	533.69	
355	464.45	488.01	

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