

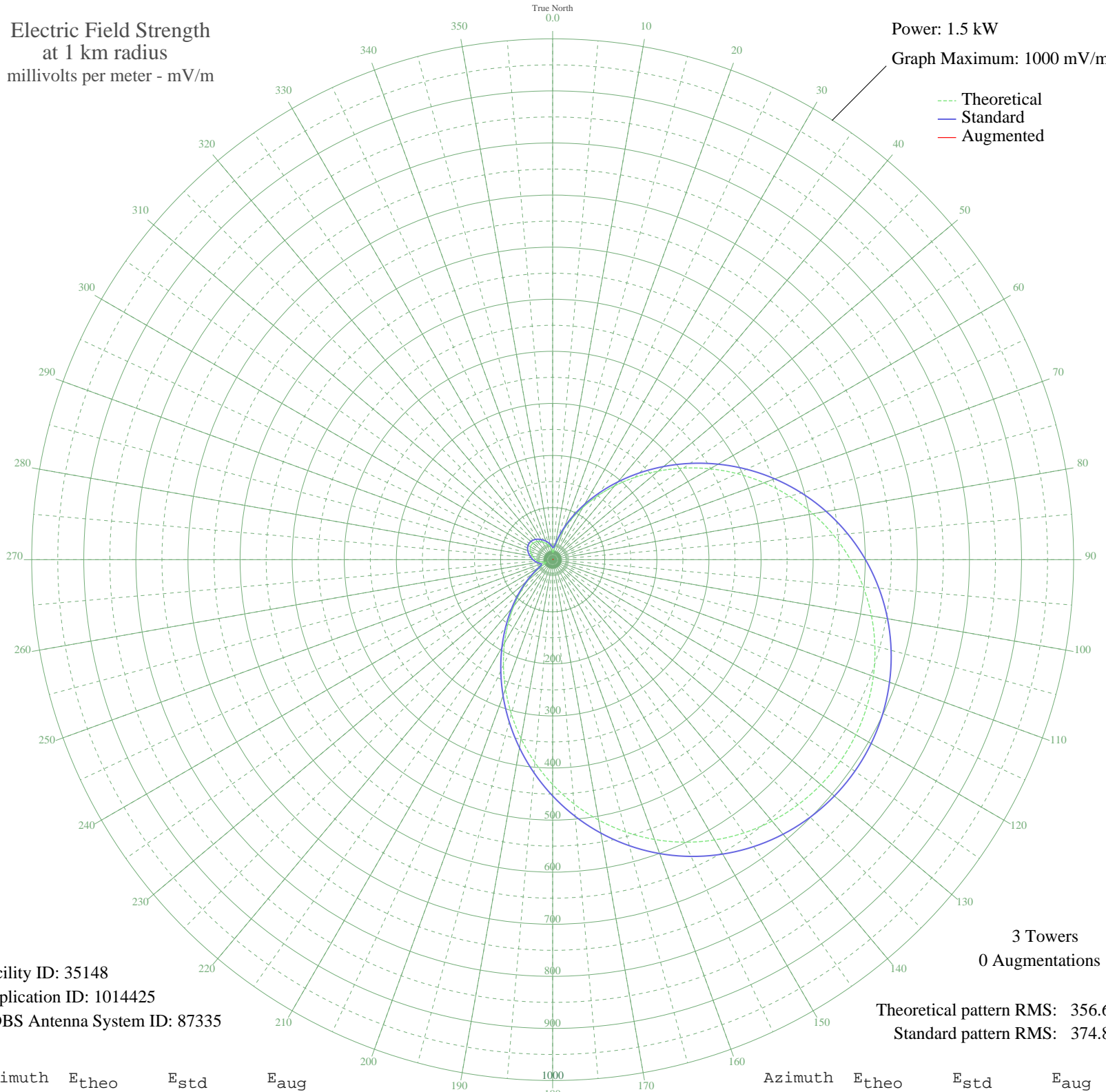
WEFL TEQUESTA, FL 5L-20040915AER 760 kHz

Nighttime

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

Power: 1.5 kW
Graph Maximum: 1000 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 35148
Application ID: 1014425
CDBS Antenna System ID: 87335

3 Towers
0 Augmentations
Theoretical pattern RMS: 356.60
Standard pattern RMS: 374.80

Azimuth	E _{theo}	E _{std}	E _{aug}
0	14.49	23.32	
5	14.96	23.65	
10	24.38	31.11	
15	40.33	45.89	
20	61.14	66.59	
25	86.33	92.36	
30	115.60	122.66	
35	148.58	157.00	
40	184.79	194.83	
45	223.64	235.49	
50	264.43	278.22	
55	306.42	322.22	
60	348.80	366.67	
65	390.81	410.73	
70	431.69	453.62	
75	470.77	494.62	
80	507.44	533.11	
85	541.21	568.54	
90	571.66	600.50	
95	598.47	628.64	
100	621.42	652.73	
105	640.34	672.59	
110	655.13	688.12	
115	665.73	699.24	
120	672.10	705.92	
125	674.22	708.15	
130	672.10	705.92	
135	665.73	699.24	
140	655.13	688.12	
145	640.34	672.59	
150	621.42	652.73	
155	598.47	628.64	
160	571.66	600.50	
165	541.21	568.54	
170	507.44	533.11	
175	470.77	494.62	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	431.69	453.62	
185	390.81	410.73	
190	348.80	366.67	
195	306.42	322.22	
200	264.43	278.22	
205	223.64	235.49	
210	184.79	194.83	
215	148.58	157.00	
220	115.60	122.66	
225	86.33	92.36	
230	61.14	66.59	
235	40.33	45.89	
240	24.38	31.11	
245	14.96	23.65	
250	14.49	23.32	
255	18.93	26.60	
260	23.75	30.57	
265	28.03	34.34	
270	31.89	37.87	
275	35.55	41.30	
280	39.09	44.69	
285	42.43	47.93	
290	45.37	50.81	
295	47.68	53.10	
300	49.16	54.56	
305	49.67	55.07	
310	49.16	54.56	
315	47.68	53.10	
320	45.37	50.81	
325	42.43	47.93	
330	39.09	44.69	
335	35.55	41.30	
340	31.89	37.87	
345	28.03	34.34	
350	23.75	30.57	
355	18.93	26.60	

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.

15 Feb 2012

Prepared by Audio Division, Media Bureau
Federal Communications Commission