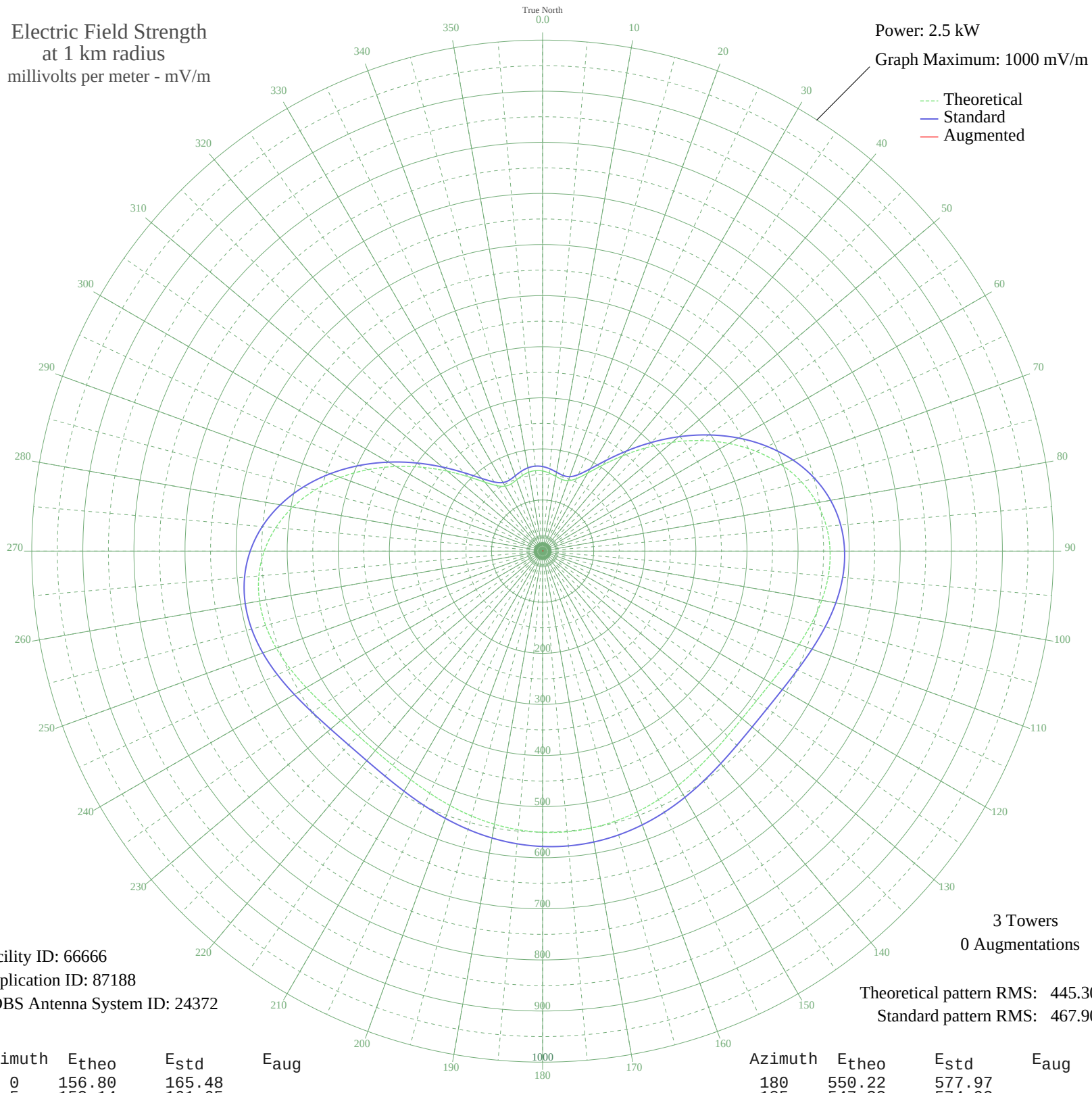
WDIZ PANAMA CITY, FL BL-19860409AC 590 kHz

Nighttime

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



Power: 2.5 kW

Graph Maximum: 1000 mV/m

Theoretical
Standard
Augmented

3 Towers
0 Augmentations

Facility ID: 66666
Application ID: 87188
CDBS Antenna System ID: 24372

Theoretical pattern RMS: 445.30
Standard pattern RMS: 467.90

Azimuth	E_{theo}	E_{std}	E_{aug}
0	156.80	165.48	
5	153.14	161.65	
10	148.50	156.80	
15	145.26	153.42	
20	146.77	155.00	
25	156.46	165.11	
30	176.25	185.81	
35	205.81	216.73	
40	243.17	255.87	
45	285.84	300.59	
50	331.30	348.26	
55	377.17	396.38	
60	421.25	442.63	
65	461.56	484.92	
70	496.39	521.47	
75	524.45	550.92	
80	544.93	572.42	
85	557.57	585.68	
90	562.73	591.10	
95	561.34	589.64	
100	554.87	582.85	
105	545.15	572.64	
110	534.16	561.12	
115	523.84	550.28	
120	515.75	541.79	
125	510.91	536.71	
130	509.66	535.40	
135	511.73	537.58	
140	516.42	542.50	
145	522.78	549.17	
150	529.83	556.57	
155	536.71	563.79	
160	542.71	570.09	
165	547.33	574.93	
170	550.22	577.97	
175	551.21	579.01	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	550.22	577.97	
185	547.33	574.93	
190	542.71	570.09	
195	536.71	563.79	
200	529.83	556.57	
205	522.78	549.17	
210	516.42	542.50	
215	511.73	537.58	
220	509.66	535.40	
225	510.91	536.71	
230	515.75	541.79	
235	523.84	550.28	
240	534.16	561.12	
245	545.15	572.64	
250	554.87	582.85	
255	561.34	589.64	
260	562.73	591.10	
265	557.57	585.68	
270	544.93	572.42	
275	524.45	550.92	
280	496.39	521.47	
285	461.56	484.92	
290	421.25	442.63	
295	377.17	396.38	
300	331.30	348.26	
305	285.84	300.59	
310	243.17	255.87	
315	205.81	216.74	
320	176.25	185.81	
325	156.46	165.12	
330	146.77	155.00	
335	145.26	153.42	
340	148.50	156.80	
345	153.14	161.65	
350	156.80	165.48	
355	158.16	166.90	

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.

06 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission