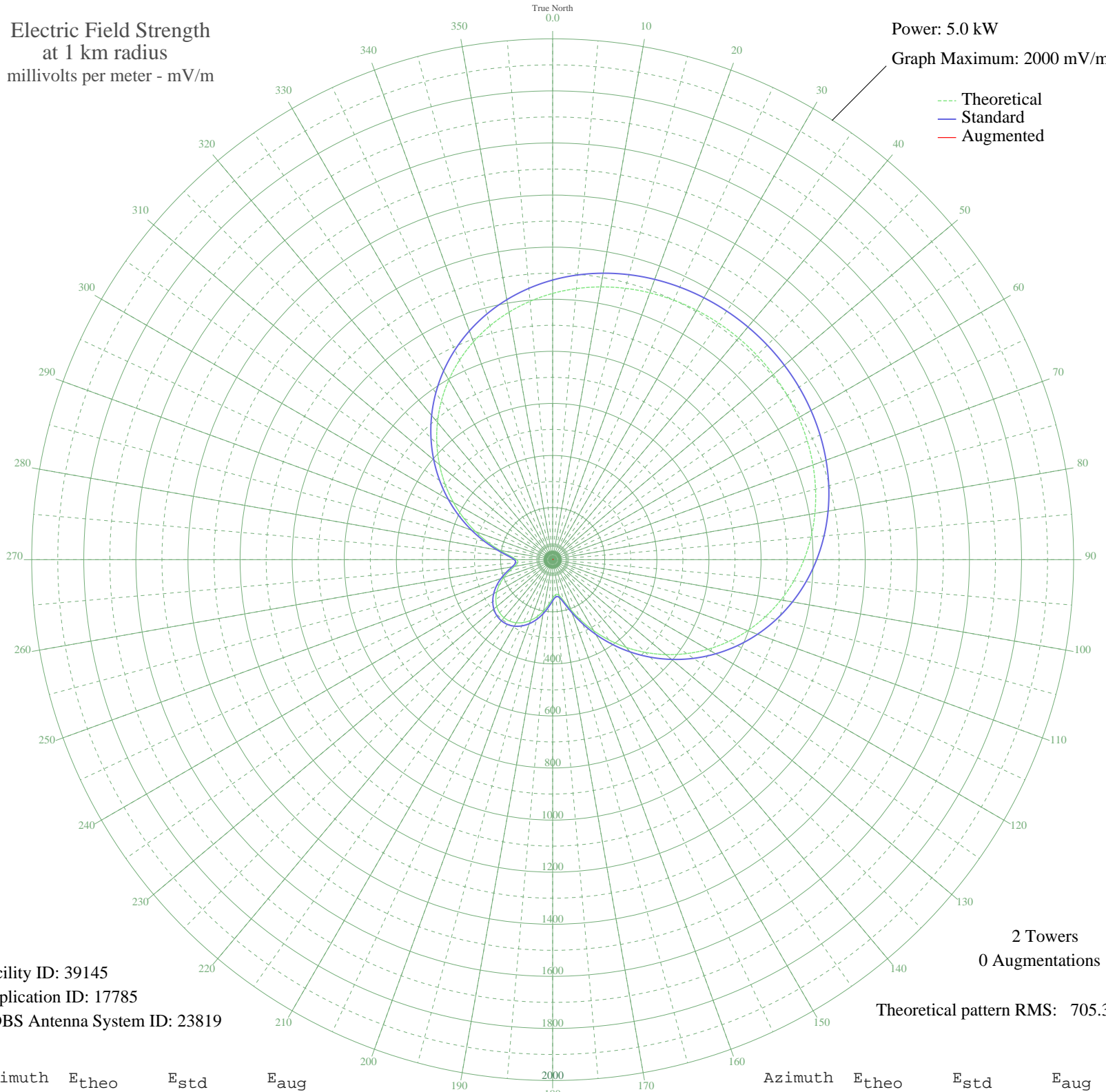


# WLUZ BAYAMON, PR BL-19800207AC 1600 kHz

Daytime

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

Power: 5.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 39145  
Application ID: 17785  
CDBS Antenna System ID: 23819

2 Towers  
0 Augmentations

Theoretical pattern RMS: 705.38

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1022.38	1073.75	
5	1044.84	1097.34	
10	1063.50	1116.92	
15	1078.65	1132.82	
20	1090.56	1145.33	
25	1099.52	1154.74	
30	1105.75	1161.27	
35	1109.41	1165.11	
40	1110.62	1166.38	
45	1109.41	1165.11	
50	1105.75	1161.27	
55	1099.52	1154.74	
60	1090.56	1145.33	
65	1078.65	1132.82	
70	1063.50	1116.92	
75	1044.84	1097.34	
80	1022.38	1073.75	
85	995.84	1045.90	
90	965.02	1013.54	
95	929.74	976.51	
100	889.94	934.73	
105	845.65	888.24	
110	797.04	837.22	
115	744.38	781.95	
120	688.09	722.88	
125	628.73	660.58	
130	566.98	595.79	
135	503.66	529.37	
140	439.73	462.31	
145	376.30	395.81	
150	314.74	331.31	
155	256.81	270.68	
160	205.10	216.64	
165	163.69	173.47	
170	138.53	147.34	
175	134.42	143.08	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	148.60	157.78	
185	172.63	182.77	
190	199.53	210.82	
195	225.34	237.77	
200	247.99	261.44	
205	266.35	280.65	
210	279.79	294.72	
215	287.98	303.29	
220	290.73	306.17	
225	287.98	303.29	
230	279.79	294.72	
235	266.35	280.65	
240	247.99	261.44	
245	225.34	237.77	
250	199.53	210.82	
255	172.63	182.77	
260	148.60	157.78	
265	134.42	143.08	
270	138.53	147.34	
275	163.69	173.47	
280	205.10	216.64	
285	256.82	270.68	
290	314.74	331.31	
295	376.30	395.81	
300	439.73	462.31	
305	503.66	529.37	
310	566.98	595.79	
315	628.73	660.58	
320	688.09	722.88	
325	744.38	781.95	
330	797.04	837.22	
335	845.65	888.24	
340	889.94	934.73	
345	929.74	976.51	
350	965.02	1013.54	
355	995.85	1045.90	

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.

10 Nov 2011

Prepared by Audio Division, Media Bureau  
Federal Communications Commission