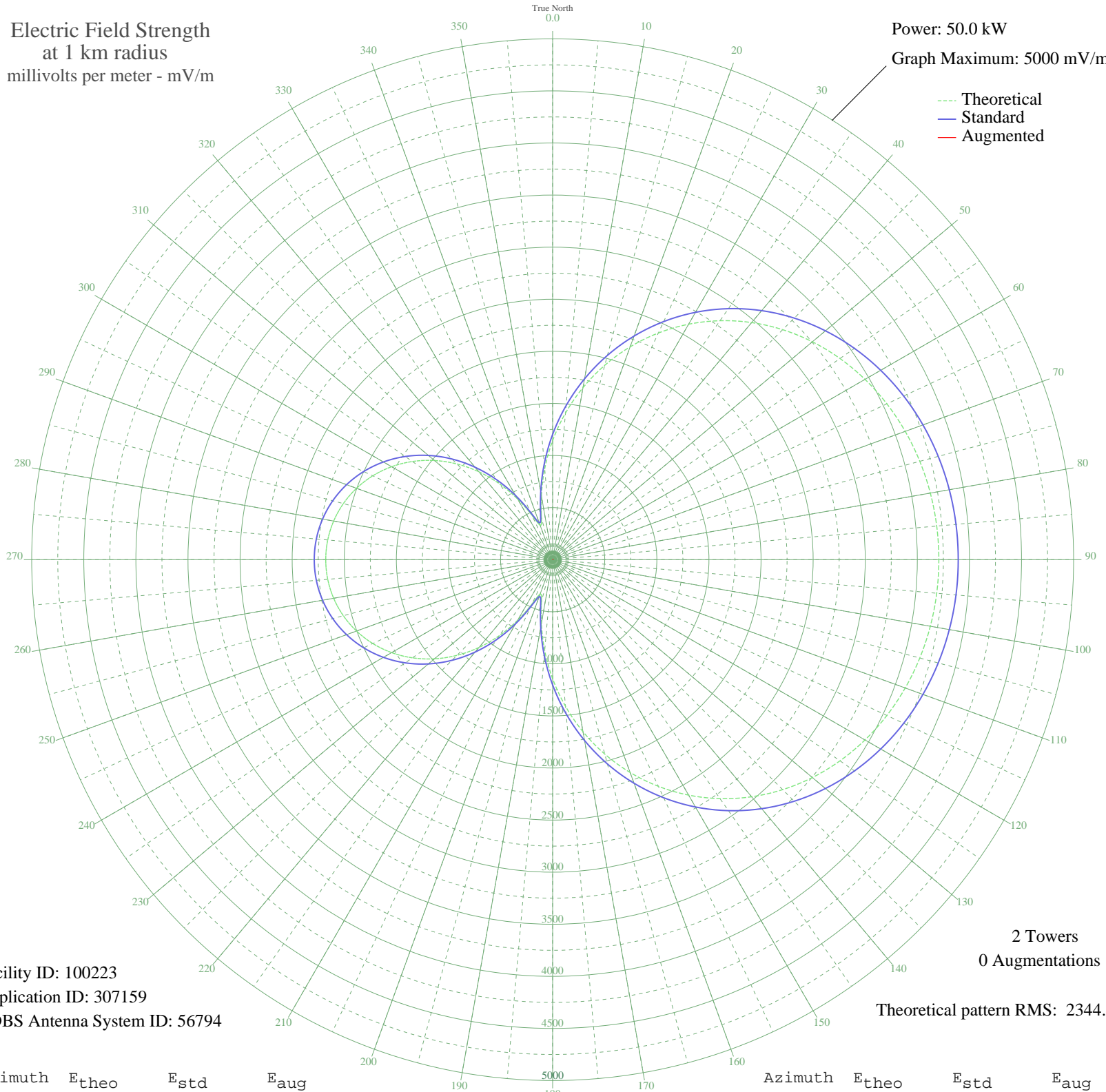


# YVKU CARACAS, - Venezuela -- 870 kHz

Nighttime

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

Power: 50.0 kW  
Graph Maximum: 5000 mV/m



Facility ID: 100223  
Application ID: 307159  
CDBS Antenna System ID: 56794

2 Towers  
0 Augmentations

Theoretical pattern RMS: 2344.40

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1143.26	1203.07	
5	1412.50	1485.27	
10	1676.94	1762.59	
15	1931.96	2030.13	
20	2174.10	2284.20	
25	2400.72	2522.02	
30	2609.88	2741.53	
35	2800.25	2941.34	
40	2971.11	3120.69	
45	3122.27	3279.35	
50	3253.96	3417.59	
55	3366.77	3536.01	
60	3461.57	3635.53	
65	3539.36	3717.18	
70	3601.18	3782.08	
75	3648.04	3831.28	
80	3680.83	3865.70	
85	3700.22	3886.05	
90	3706.63	3892.78	
95	3700.22	3886.05	
100	3680.83	3865.70	
105	3648.04	3831.28	
110	3601.18	3782.08	
115	3539.36	3717.18	
120	3461.57	3635.53	
125	3366.77	3536.01	
130	3253.96	3417.59	
135	3122.27	3279.35	
140	2971.11	3120.69	
145	2800.25	2941.34	
150	2609.88	2741.53	
155	2400.72	2522.02	
160	2174.10	2284.20	
165	1931.96	2030.13	
170	1676.94	1762.59	
175	1412.50	1485.27	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	1143.26	1203.07	
185	876.01	923.27	
190	623.39	659.41	
195	418.36	446.47	
200	350.45	376.53	
205	469.63	499.53	
210	671.04	709.09	
215	888.32	936.14	
220	1100.40	1158.17	
225	1299.21	1366.50	
230	1480.83	1556.92	
235	1643.07	1727.06	
240	1784.63	1875.56	
245	1904.80	2001.63	
250	2003.19	2104.86	
255	2079.68	2185.12	
260	2134.25	2242.39	
265	2166.96	2276.71	
270	2177.86	2288.14	
275	2166.96	2276.71	
280	2134.25	2242.39	
285	2079.68	2185.12	
290	2003.19	2104.86	
295	1904.79	2001.63	
300	1784.63	1875.56	
305	1643.07	1727.06	
310	1480.83	1556.92	
315	1299.21	1366.50	
320	1100.39	1158.17	
325	888.32	936.14	
330	671.04	709.09	
335	469.63	499.52	
340	350.45	376.53	
345	418.37	446.47	
350	623.39	659.41	
355	876.02	923.27	

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.

20 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission