

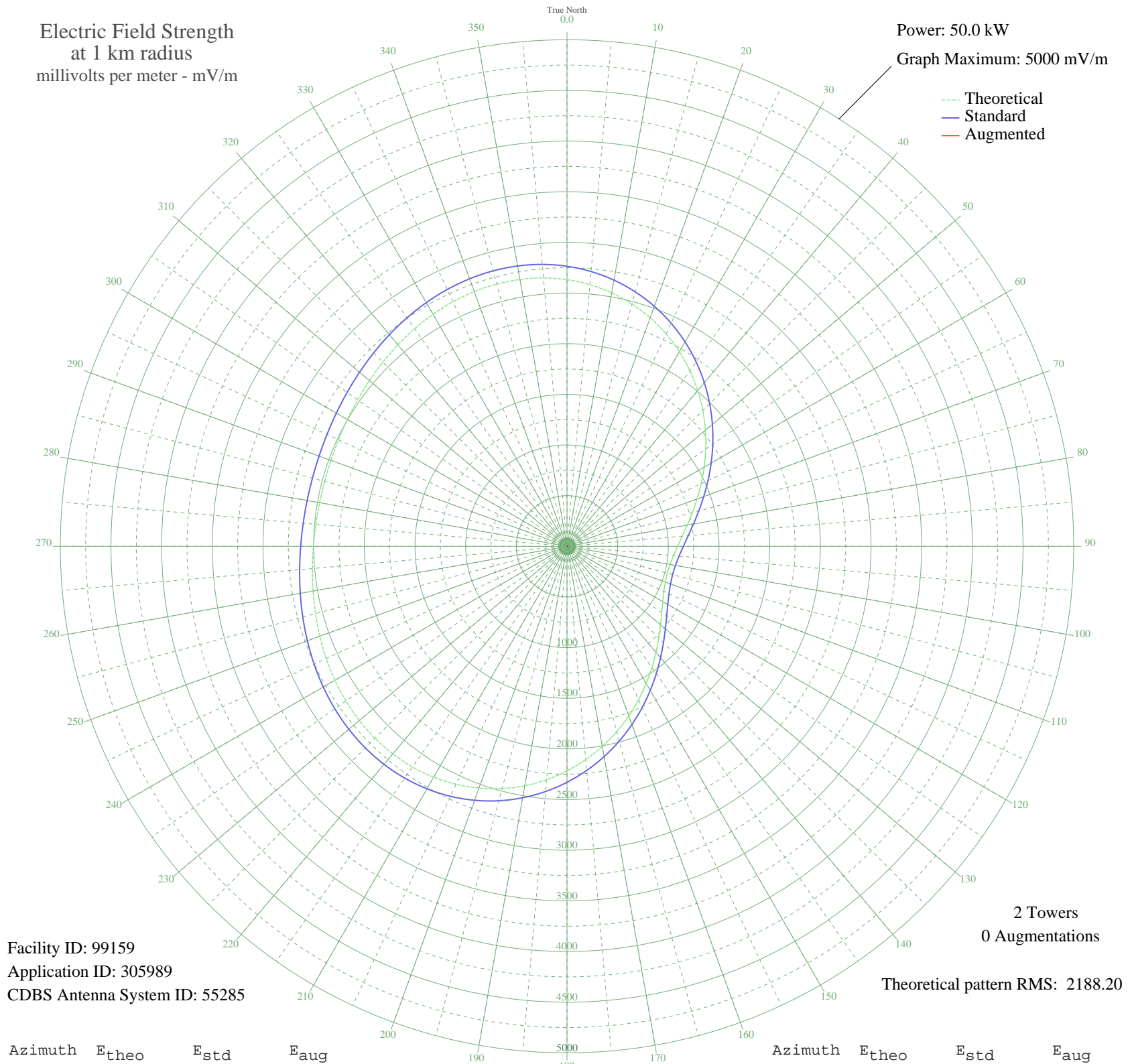
# YVMJ MARACAIBO, - Venezuela -- 580 kHz

Daytime

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

Power: 50.0 kW  
Graph Maximum: 5000 mV/m

--- Theoretical  
— Standard  
— Augmented



Facility ID: 99159  
Application ID: 305989  
CDBS Antenna System ID: 55285

Theoretical pattern RMS: 2188.20

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	2631.62	2764.20	
5	2592.01	2722.62	
10	2539.92	2667.95	
15	2475.58	2600.42	
20	2399.65	2520.72	
25	2313.18	2429.97	
30	2217.60	2329.66	
35	2114.65	2221.63	
40	2006.31	2107.94	
45	1894.73	1990.85	
50	1782.14	1872.72	
55	1670.79	1755.90	
60	1562.88	1642.70	
65	1460.49	1535.31	
70	1365.54	1435.74	
75	1279.76	1345.79	
80	1204.65	1267.06	
85	1141.48	1200.85	
90	1091.30	1148.26	
95	1054.88	1110.11	
100	1032.81	1086.99	
105	1025.42	1079.25	
110	1032.81	1086.99	
115	1054.88	1110.11	
120	1091.30	1148.26	
125	1141.48	1200.85	
130	1204.65	1267.06	
135	1279.76	1345.79	
140	1365.54	1435.74	
145	1460.49	1535.31	
150	1562.88	1642.70	
155	1670.79	1755.90	
160	1782.14	1872.72	
165	1894.73	1990.85	
170	2006.31	2107.94	
175	2114.65	2221.63	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	2217.60	2329.66	
185	2313.18	2429.97	
190	2399.65	2520.72	
195	2475.58	2600.42	
200	2539.92	2667.95	
205	2592.01	2722.62	
210	2631.62	2764.20	
215	2658.95	2792.89	
220	2674.60	2809.31	
225	2679.55	2814.51	
230	2675.08	2809.81	
235	2662.72	2796.84	
240	2644.18	2777.38	
245	2621.27	2753.33	
250	2595.81	2726.61	
255	2569.59	2699.09	
260	2544.27	2672.52	
265	2521.36	2648.47	
270	2502.13	2628.29	
275	2487.64	2613.08	
280	2478.64	2603.63	
285	2475.58	2600.42	
290	2478.64	2603.63	
295	2487.64	2613.08	
300	2502.13	2628.29	
305	2521.36	2648.47	
310	2544.27	2672.52	
315	2569.59	2699.09	
320	2595.81	2726.61	
325	2621.27	2753.33	
330	2644.18	2777.38	
335	2662.72	2796.84	
340	2675.08	2809.81	
345	2679.55	2814.51	
350	2674.60	2809.31	
355	2658.95	2792.89	

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