

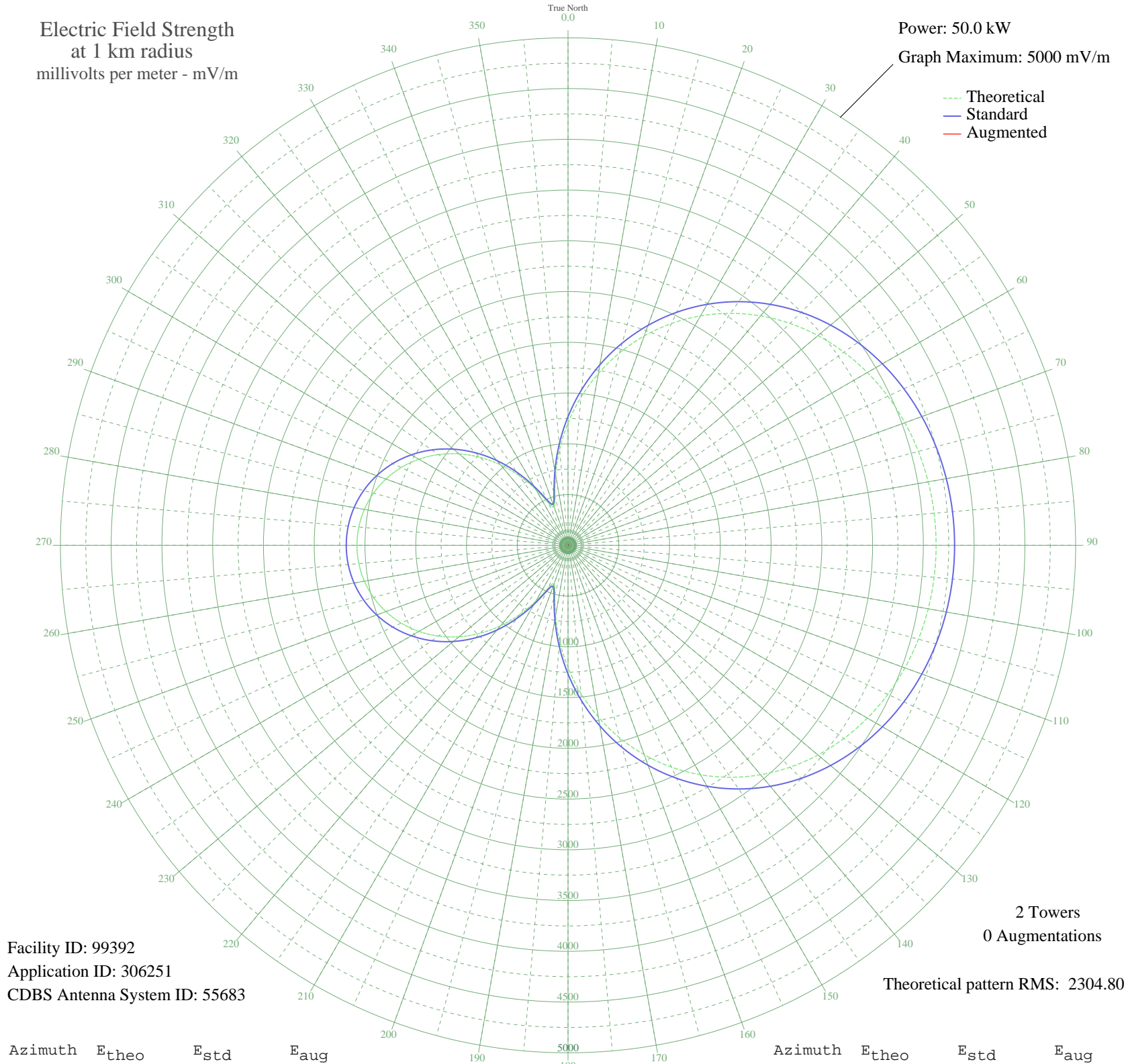
YVLH MARACAY, - Venezuela -- 650 kHz

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: 99392
Application ID: 306251
CDBS Antenna System ID: 55683

2 Towers
0 Augmentations
Theoretical pattern RMS: 2304.80

Azimuth	E _{theo}	E _{std}	E _{aug}
0	1204.91	1267.43	
5	1464.15	1539.24	
10	1718.57	1806.10	
15	1963.45	2063.02	
20	2195.29	2306.31	
25	2411.47	2533.18	
30	2610.10	2741.66	
35	2790.00	2930.48	
40	2950.56	3099.02	
45	3091.74	3247.21	
50	3213.94	3375.49	
55	3317.92	3484.64	
60	3404.69	3575.73	
65	3475.41	3649.98	
70	3531.27	3708.61	
75	3573.37	3752.81	
80	3602.69	3783.58	
85	3619.97	3801.72	
90	3625.67	3807.71	
95	3619.97	3801.72	
100	3602.69	3783.58	
105	3573.37	3752.81	
110	3531.27	3708.61	
115	3475.41	3649.98	
120	3404.69	3575.73	
125	3317.92	3484.64	
130	3213.94	3375.49	
135	3091.74	3247.21	
140	2950.56	3099.02	
145	2790.00	2930.48	
150	2610.10	2741.66	
155	2411.47	2533.18	
160	2195.29	2306.31	
165	1963.45	2063.02	
170	1718.57	1806.10	
175	1464.15	1539.24	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	1204.91	1267.43	
185	947.69	997.97	
190	704.45	743.57	
195	501.95	532.49	
200	403.59	430.52	
205	468.15	497.39	
210	635.87	671.97	
215	834.80	879.83	
220	1035.37	1089.79	
225	1226.05	1289.60	
230	1401.48	1473.51	
235	1558.78	1638.48	
240	1696.34	1782.78	
245	1813.26	1905.44	
250	1909.06	2005.95	
255	1983.56	2084.12	
260	2036.73	2139.91	
265	2068.60	2173.36	
270	2079.21	2184.50	
275	2068.60	2173.36	
280	2036.73	2139.91	
285	1983.56	2084.12	
290	1909.06	2005.95	
295	1813.26	1905.44	
300	1696.34	1782.78	
305	1558.78	1638.48	
310	1401.48	1473.51	
315	1226.05	1289.59	
320	1035.37	1089.79	
325	834.80	879.83	
330	635.87	671.97	
335	468.15	497.39	
340	403.59	430.52	
345	501.95	532.49	
350	704.46	743.57	
355	947.69	997.97	

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