

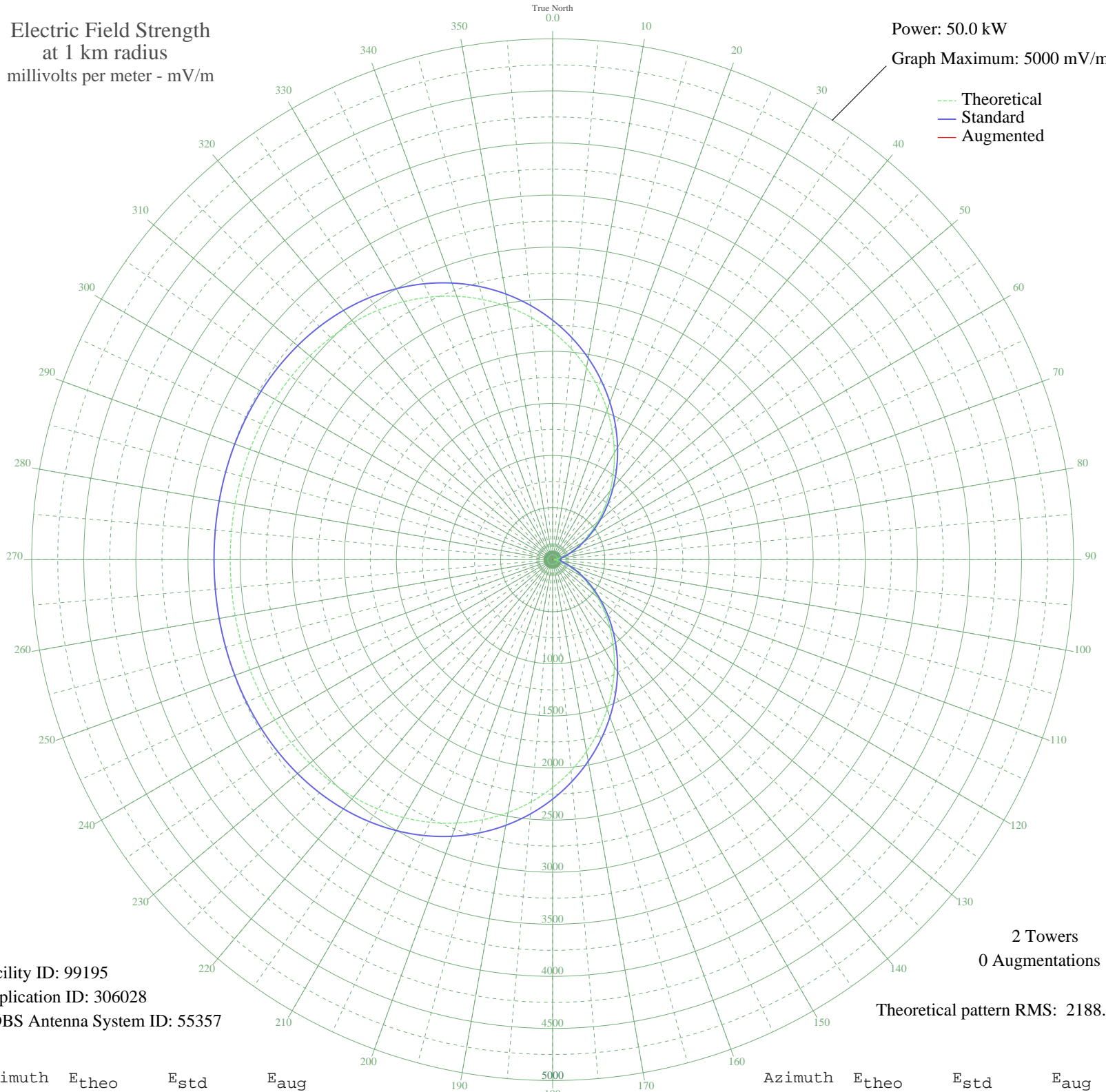
YVKL CARACAS, - Venezuela -- 590 kHz

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: 99195
Application ID: 306028
CDBS Antenna System ID: 55357

2 Towers
0 Augmentations

Theoretical pattern RMS: 2188.20

Azimuth	E _{theo}	E _{std}	E _{aug}
0	2188.19	2298.80	
5	2033.40	2136.36	
10	1870.36	1965.28	
15	1701.39	1788.00	
20	1528.96	1607.13	
25	1355.70	1425.42	
30	1184.24	1245.67	
35	1017.14	1070.58	
40	856.85	902.75	
45	705.61	744.60	
50	565.43	598.32	
55	438.07	465.93	
60	325.02	349.25	
65	227.51	250.16	
70	146.52	170.82	
75	82.81	114.33	
80	36.92	83.76	
85	9.25	74.88	
90	0.00	74.25	
95	9.25	74.88	
100	36.92	83.76	
105	82.81	114.33	
110	146.52	170.82	
115	227.51	250.16	
120	325.02	349.25	
125	438.07	465.93	
130	565.43	598.32	
135	705.61	744.60	
140	856.85	902.75	
145	1017.14	1070.58	
150	1184.24	1245.67	
155	1355.70	1425.42	
160	1528.96	1607.13	
165	1701.39	1788.00	
170	1870.36	1965.28	
175	2033.40	2136.36	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	2188.19	2298.80	
185	2332.73	2450.50	
190	2465.38	2589.71	
195	2584.89	2715.15	
200	2690.47	2825.97	
205	2781.80	2921.84	
210	2859.01	3002.88	
215	2922.63	3069.66	
220	2973.58	3123.14	
225	3013.05	3164.57	
230	3042.47	3195.46	
235	3063.40	3217.43	
240	3077.45	3232.18	
245	3086.19	3241.35	
250	3091.10	3246.50	
255	3093.46	3248.98	
260	3094.35	3249.91	
265	3094.55	3250.13	
270	3094.57	3250.14	
275	3094.55	3250.13	
280	3094.35	3249.91	
285	3093.46	3248.98	
290	3091.10	3246.50	
295	3086.19	3241.35	
300	3077.45	3232.18	
305	3063.40	3217.43	
310	3042.47	3195.46	
315	3013.05	3164.57	
320	2973.58	3123.14	
325	2922.63	3069.66	
330	2859.01	3002.88	
335	2781.80	2921.83	
340	2690.47	2825.97	
345	2584.88	2715.14	
350	2465.38	2589.71	
355	2332.73	2450.49	

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.

03 Jul 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission