

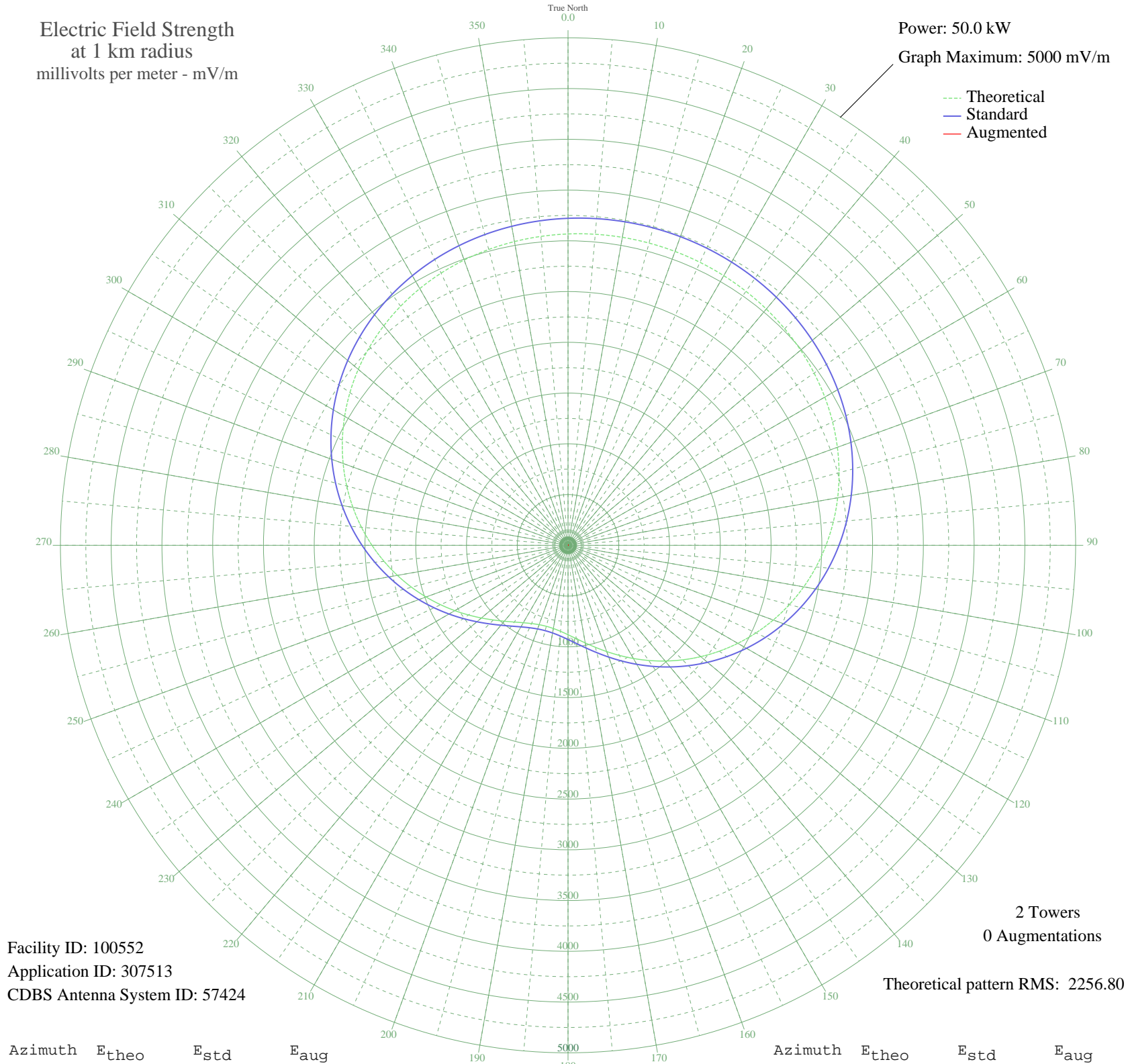
# ZYK-692 SAO PAULO, - Brazil -- 960 kHz

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: 100552  
Application ID: 307513  
CDBS Antenna System ID: 57424

2 Towers  
0 Augmentations

Theoretical pattern RMS: 2256.80

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	3067.62	3221.86	
5	3076.18	3230.84	
10	3081.19	3236.11	
15	3082.85	3237.84	
20	3081.19	3236.11	
25	3076.18	3230.84	
30	3067.62	3221.86	
35	3055.23	3208.85	
40	3038.63	3191.43	
45	3017.37	3169.10	
50	2990.93	3141.36	
55	2958.81	3107.64	
60	2920.48	3067.40	
65	2875.48	3020.17	
70	2823.42	2965.52	
75	2764.00	2903.15	
80	2697.10	2832.92	
85	2622.70	2754.84	
90	2541.01	2669.09	
95	2452.39	2576.08	
100	2357.40	2476.39	
105	2256.80	2370.80	
110	2151.50	2260.29	
115	2042.57	2145.98	
120	1931.21	2029.13	
125	1818.71	1911.09	
130	1706.45	1793.31	
135	1595.80	1677.23	
140	1488.16	1564.33	
145	1384.89	1456.02	
150	1287.28	1353.68	
155	1196.56	1258.58	
160	1113.83	1171.88	
165	1040.10	1094.62	
170	976.23	1027.72	
175	922.96	971.95	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	880.91	927.93	
185	850.54	896.15	
190	832.19	876.94	
195	826.05	870.52	
200	832.19	876.94	
205	850.54	896.15	
210	880.91	927.93	
215	922.96	971.95	
220	976.23	1027.72	
225	1040.10	1094.62	
230	1113.83	1171.88	
235	1196.56	1258.58	
240	1287.28	1353.68	
245	1384.89	1456.02	
250	1488.16	1564.33	
255	1595.80	1677.23	
260	1706.45	1793.31	
265	1818.71	1911.09	
270	1931.21	2029.13	
275	2042.57	2145.98	
280	2151.50	2260.29	
285	2256.80	2370.80	
290	2357.40	2476.39	
295	2452.39	2576.08	
300	2541.01	2669.09	
305	2622.70	2754.84	
310	2697.10	2832.92	
315	2764.00	2903.15	
320	2823.42	2965.52	
325	2875.48	3020.17	
330	2920.48	3067.40	
335	2958.81	3107.64	
340	2990.93	3141.36	
345	3017.37	3169.10	
350	3038.63	3191.43	
355	3055.23	3208.85	

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