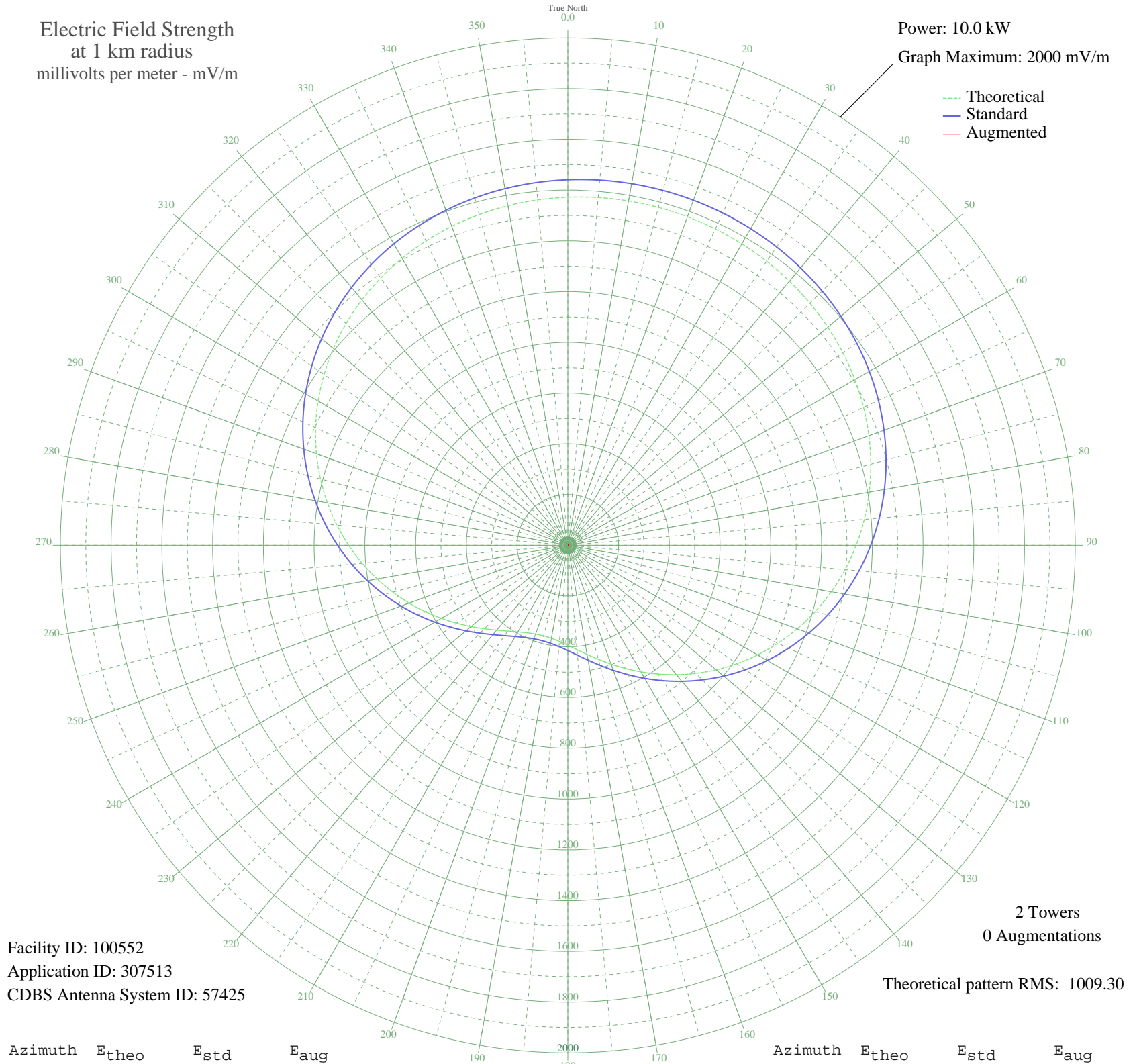


# ZYK-692 SAO PAULO, - Brazil -- 960 kHz

Nighttime

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

Power: 10.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 100552  
Application ID: 307513  
CDBS Antenna System ID: 57425

2 Towers  
0 Augmentations

Theoretical pattern RMS: 1009.30

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1371.92	1440.90	
5	1375.75	1444.92	
10	1377.99	1447.27	
15	1378.73	1448.05	
20	1377.99	1447.27	
25	1375.75	1444.92	
30	1371.92	1440.90	
35	1366.38	1435.08	
40	1358.95	1427.29	
45	1349.44	1417.31	
50	1337.62	1404.90	
55	1323.26	1389.82	
60	1306.11	1371.82	
65	1285.99	1350.70	
70	1262.71	1326.26	
75	1236.14	1298.37	
80	1206.21	1266.96	
85	1172.94	1232.04	
90	1136.41	1193.69	
95	1096.77	1152.09	
100	1054.29	1107.50	
105	1009.30	1060.29	
110	962.21	1010.86	
115	913.49	959.74	
120	863.69	907.48	
125	813.38	854.69	
130	763.17	802.01	
135	713.68	750.10	
140	665.54	699.61	
145	619.36	651.17	
150	575.71	605.40	
155	535.13	562.87	
160	498.13	524.09	
165	465.16	489.54	
170	436.59	459.62	
175	412.77	434.68	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	393.97	415.00	
185	380.38	400.78	
190	372.18	392.19	
195	369.43	389.32	
200	372.18	392.19	
205	380.38	400.78	
210	393.97	415.00	
215	412.77	434.68	
220	436.59	459.62	
225	465.16	489.54	
230	498.13	524.09	
235	535.13	562.87	
240	575.71	605.40	
245	619.36	651.17	
250	665.54	699.61	
255	713.68	750.10	
260	763.17	802.01	
265	813.38	854.69	
270	863.69	907.48	
275	913.49	959.74	
280	962.21	1010.86	
285	1009.30	1060.29	
290	1054.29	1107.50	
295	1096.77	1152.09	
300	1136.41	1193.69	
305	1172.94	1232.04	
310	1206.21	1266.96	
315	1236.14	1298.37	
320	1262.71	1326.26	
325	1285.99	1350.70	
330	1306.11	1371.82	
335	1323.26	1389.82	
340	1337.62	1404.90	
345	1349.44	1417.31	
350	1358.95	1427.29	
355	1366.38	1435.08	

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