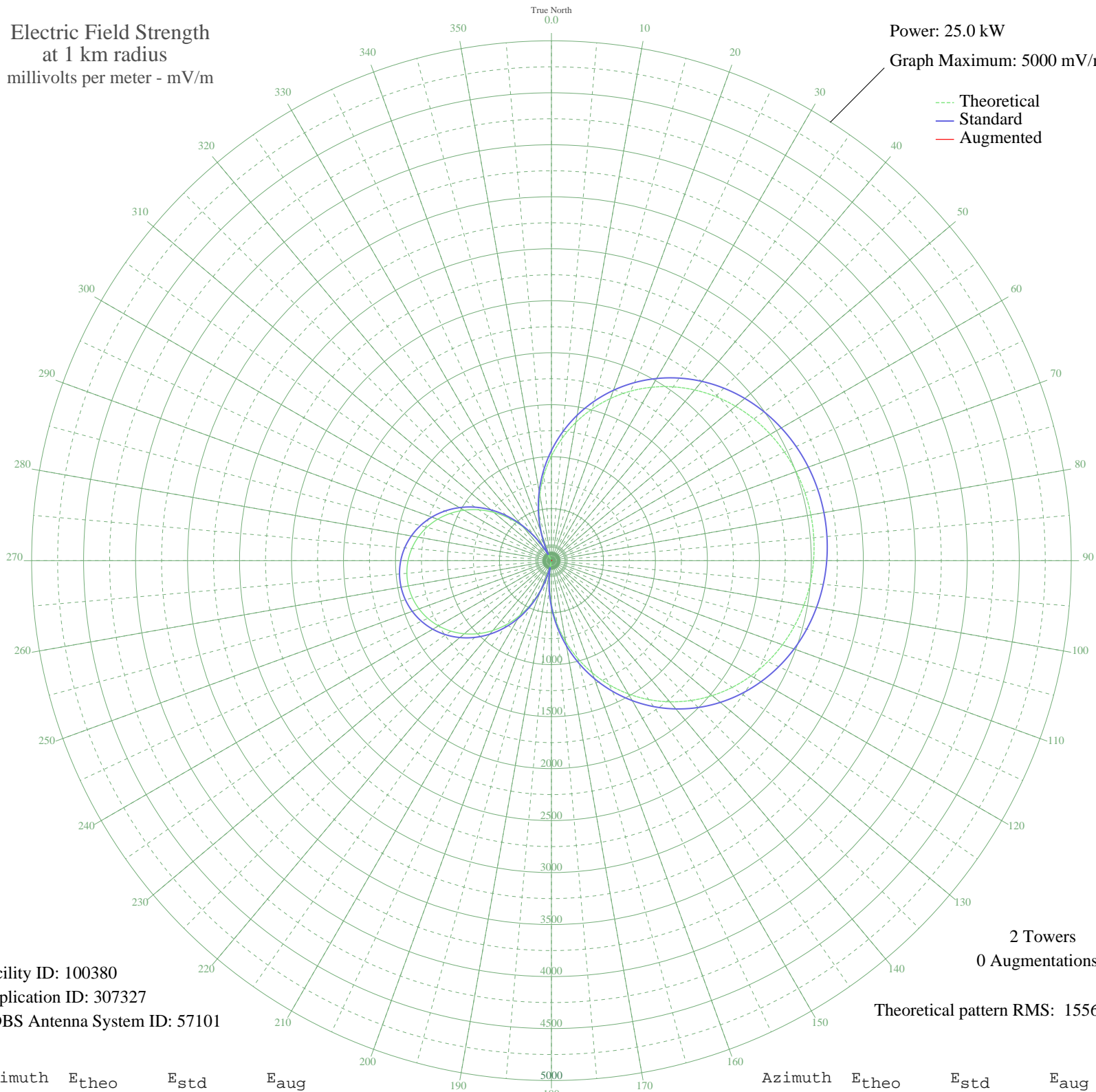


- COTIA, - Brazil -- 920 kHz  
Daytime

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

Power: 25.0 kW  
Graph Maximum: 5000 mV/m



Facility ID: 100380  
Application ID: 307327  
CDBS Antenna System ID: 57101

2 Towers  
0 Augmentations

Theoretical pattern RMS: 1556.10

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1007.11	1059.25	
5	1182.39	1243.03	
10	1350.57	1419.42	
15	1510.12	1586.82	
20	1659.79	1743.86	
25	1798.56	1889.49	
30	1925.69	2022.91	
35	2040.67	2143.59	
40	2143.26	2251.26	
45	2233.39	2345.87	
50	2311.18	2427.51	
55	2376.84	2496.44	
60	2430.68	2552.96	
65	2473.04	2597.41	
70	2504.21	2630.14	
75	2524.49	2651.42	
80	2534.05	2661.46	
85	2532.99	2660.34	
90	2521.30	2648.07	
95	2498.86	2624.52	
100	2465.47	2589.47	
105	2420.85	2542.63	
110	2364.67	2483.66	
115	2296.60	2412.21	
120	2216.36	2327.99	
125	2123.74	2230.78	
130	2018.67	2120.49	
135	1901.22	1997.23	
140	1771.72	1861.32	
145	1630.70	1713.34	
150	1478.97	1554.13	
155	1317.58	1384.82	
160	1147.85	1206.81	
165	971.35	1021.76	
170	789.81	831.58	
175	605.15	638.37	

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

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	419.38	444.61	
185	234.54	253.81	
190	52.66	82.64	
195	124.28	144.23	
200	294.46	315.22	
205	456.19	482.92	
210	607.99	641.34	
215	748.60	788.42	
220	876.96	922.85	
225	992.24	1043.66	
230	1093.79	1150.13	
235	1181.16	1241.74	
240	1254.01	1318.14	
245	1312.15	1379.12	
250	1355.44	1424.54	
255	1383.83	1454.32	
260	1397.28	1468.43	
265	1395.78	1466.86	
270	1379.34	1449.61	
275	1347.97	1416.70	
280	1301.70	1368.17	
285	1240.61	1304.09	
290	1164.84	1224.62	
295	1074.61	1130.01	
300	970.26	1020.63	
305	852.31	897.03	
310	721.42	759.98	
315	578.49	610.51	
320	424.59	450.03	
325	261.05	280.90	
330	89.38	112.16	
335	88.70	111.57	
340	271.33	291.44	
345	456.52	483.27	
350	642.24	677.14	
355	826.43	869.93	