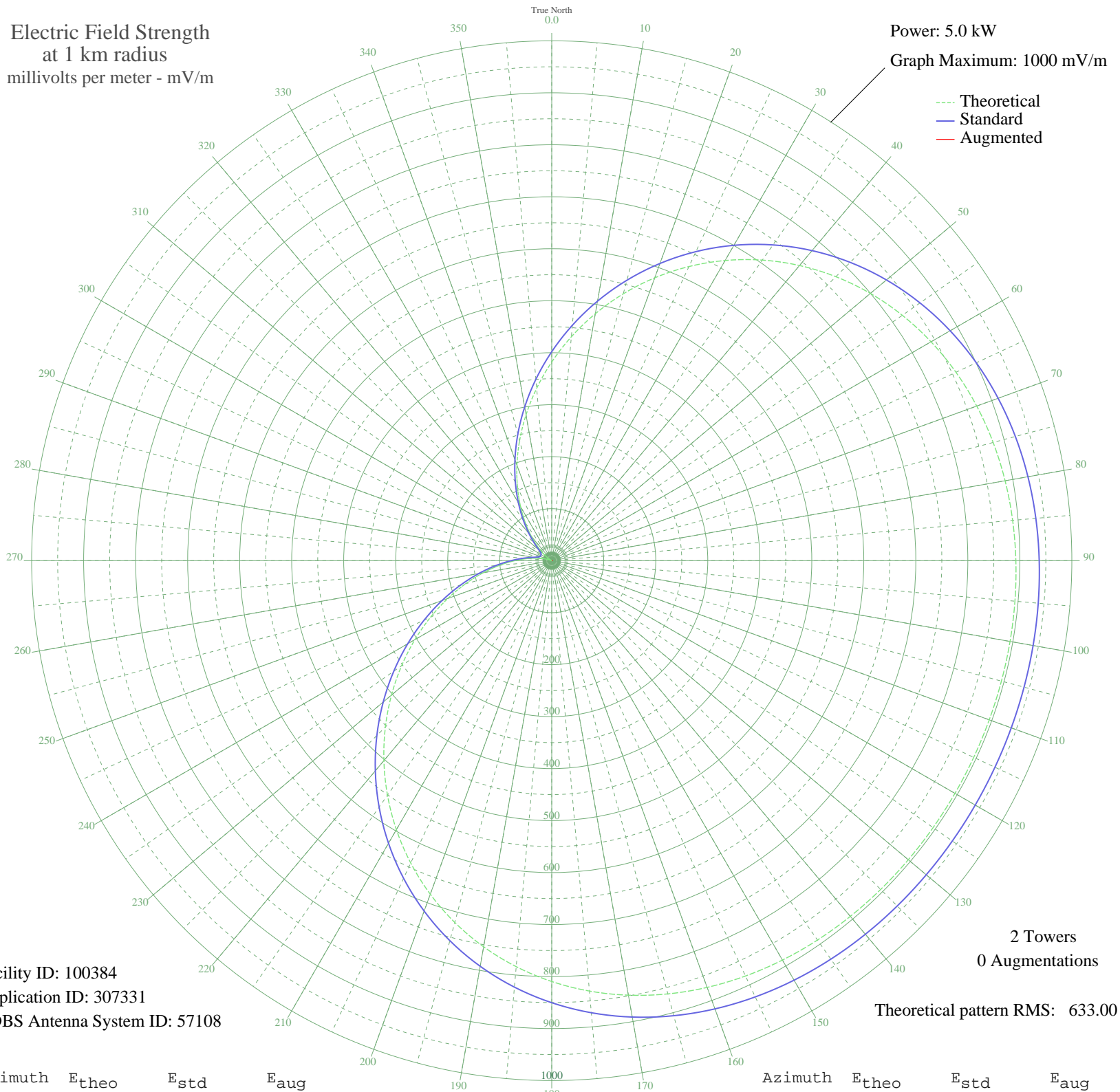


**- JOAO PESSOA, - Brazil -- 920 kHz**

Daytime

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

Power: 5.0 kW  
Graph Maximum: 1000 mV/m



Facility ID: 100384  
Application ID: 307331  
CDBS Antenna System ID: 57108

2 Towers  
0 Augmentations  
Theoretical pattern RMS: 633.00

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	382.19	401.99	
5	432.27	454.49	
10	482.26	506.91	
15	531.40	558.46	
20	578.96	608.36	
25	624.26	655.90	
30	666.71	700.44	
35	705.80	741.47	
40	741.16	778.57	
45	772.52	811.48	
50	799.77	840.08	
55	822.91	864.37	
60	842.08	884.50	
65	857.53	900.71	
70	869.58	913.36	
75	878.64	922.87	
80	885.15	929.70	
85	889.57	934.34	
90	892.37	937.28	
95	893.98	938.97	
100	894.78	939.82	
105	895.10	940.15	
110	895.19	940.24	
115	895.20	940.25	
120	895.20	940.25	
125	895.16	940.21	
130	894.95	939.99	
135	894.38	939.39	
140	893.13	938.09	
145	890.86	935.70	
150	887.14	931.79	
155	881.52	925.89	
160	873.54	917.51	
165	862.73	906.17	
170	848.69	891.43	
175	831.04	872.91	

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	809.51	850.31	
185	783.91	823.44	
190	754.19	792.25	
195	720.41	756.80	
200	682.78	717.30	
205	641.62	674.11	
210	597.39	627.70	
215	550.65	578.66	
220	502.06	527.68	
225	452.32	475.51	
230	402.19	422.95	
235	352.42	370.78	
240	303.77	319.82	
245	256.95	270.82	
250	212.63	224.49	
255	171.40	181.49	
260	133.77	142.41	
265	100.21	107.81	
270	71.08	78.24	
275	46.68	54.34	
280	27.23	37.00	
285	12.92	27.11	
290	3.85	23.82	
295	0.11	23.48	
300	1.71	23.55	
305	8.66	25.18	
310	20.88	32.13	
315	38.29	46.56	
320	60.74	67.96	
325	88.01	95.35	
330	119.84	128.00	
335	155.89	165.36	
340	195.73	206.86	
345	238.89	251.93	
350	284.79	299.95	
355	332.79	350.21	