

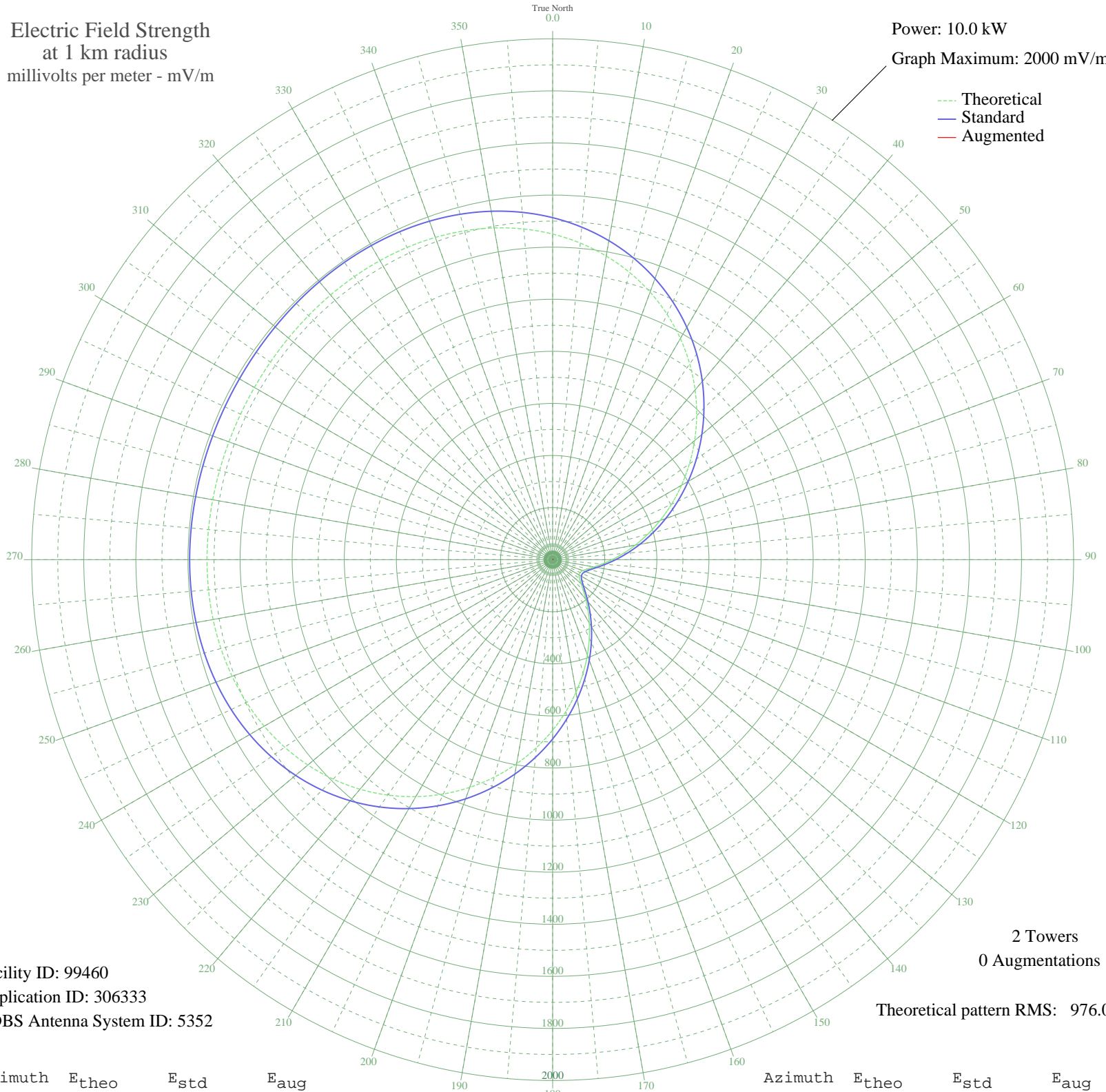
- PONTA PORA, - Brazil -- 670 kHz

Daytime

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

Power: 10.0 kW  
Graph Maximum: 2000 mV/m

--- Theoretical  
— Standard  
— Augmented



Facility ID: 99460  
Application ID: 306333  
CDBS Antenna System ID: 5352

2 Towers  
0 Augmentations

Theoretical pattern RMS: 976.00

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1250.31	1313.24	
5	1220.18	1281.62	
10	1183.98	1243.62	
15	1141.65	1199.20	
20	1093.38	1148.53	
25	1039.51	1091.99	
30	980.60	1030.17	
35	917.40	963.84	
40	850.77	893.93	
45	781.73	821.49	
50	711.36	747.66	
55	640.77	673.62	
60	571.09	600.56	
65	503.42	529.63	
70	438.80	461.94	
75	378.18	398.47	
80	322.40	340.15	
85	272.22	287.75	
90	228.25	241.95	
95	191.02	203.30	
100	160.94	172.22	
105	138.32	148.99	
110	123.39	133.75	
115	116.28	126.53	
120	117.07	127.33	
125	125.75	136.15	
130	142.24	153.00	
135	166.37	177.81	
140	197.91	210.44	
145	236.52	250.56	
150	281.77	297.72	
155	333.13	351.36	
160	389.94	410.78	
165	451.43	475.17	
170	516.74	543.60	
175	584.90	615.04	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	654.85	688.39	
185	725.49	762.48	
190	795.68	836.13	
195	864.33	908.15	
200	930.34	977.42	
205	992.75	1042.92	
210	1050.70	1103.74	
215	1103.49	1159.14	
220	1150.60	1208.59	
225	1191.71	1251.73	
230	1226.69	1288.45	
235	1255.62	1318.82	
240	1278.76	1343.10	
245	1296.53	1361.76	
250	1309.48	1375.36	
255	1318.28	1384.59	
260	1323.63	1390.21	
265	1326.28	1392.99	
270	1326.96	1393.70	
275	1326.36	1393.08	
280	1325.10	1391.75	
285	1323.70	1390.29	
290	1322.57	1389.09	
295	1321.97	1388.46	
300	1322.04	1388.54	
305	1322.76	1389.29	
310	1323.97	1390.57	
315	1325.38	1392.05	
320	1326.55	1393.28	
325	1326.95	1393.69	
330	1325.93	1392.62	
335	1322.80	1389.34	
340	1316.82	1383.06	
345	1307.25	1373.01	
350	1293.38	1358.45	
355	1274.57	1338.71	

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