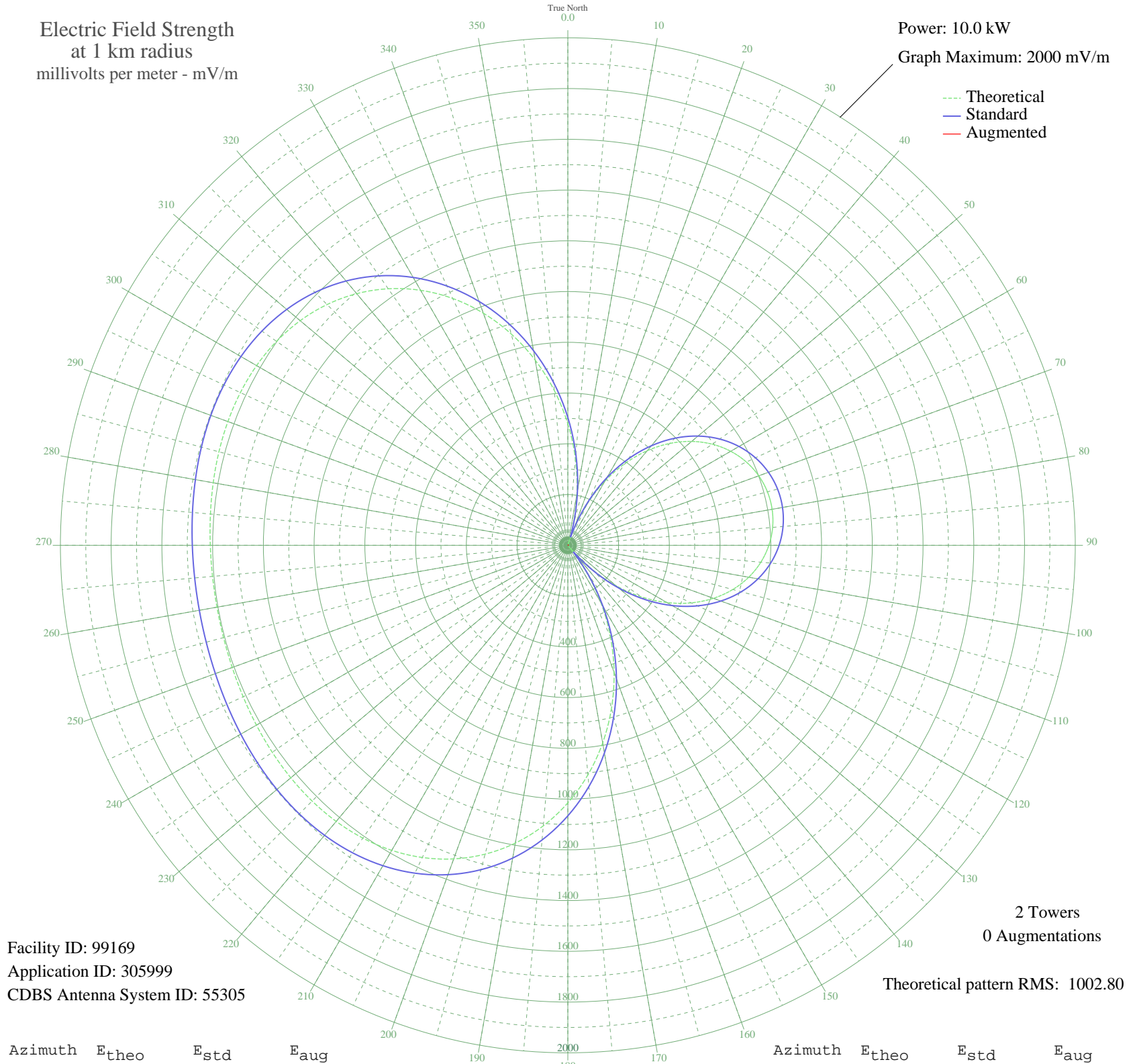


ZYJ-234 CURITIBA, - Brazil -- 590 kHz

Daytime

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

Power: 10.0 kW
Graph Maximum: 2000 mV/m



Facility ID: 99169
Application ID: 305999
CDBS Antenna System ID: 55305

2 Towers
0 Augmentations
Theoretical pattern RMS: 1002.80

Azimuth	E _{theo}	E _{std}	E _{aug}
0	478.79	503.83	
5	342.40	361.05	
10	206.08	218.92	
15	72.39	82.94	
20	56.35	67.85	
25	178.10	189.94	
30	291.20	307.55	
35	394.35	415.40	
40	486.68	512.09	
45	567.65	596.96	
50	637.04	669.72	
55	694.85	730.35	
60	741.25	779.02	
65	776.48	815.98	
70	800.82	841.52	
75	814.49	855.86	
80	817.64	859.16	
85	810.29	851.46	
90	792.38	832.66	
95	763.71	802.58	
100	724.04	760.97	
105	673.11	707.55	
110	610.68	642.08	
115	536.65	564.46	
120	451.09	474.81	
125	354.35	373.54	
130	247.09	261.56	
135	130.36	140.85	
140	5.59	33.72	
145	125.40	135.79	
150	260.44	275.47	
155	397.10	418.27	
160	532.77	560.40	
165	664.82	698.85	
170	790.68	830.88	
175	908.04	954.02	

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

Azimuth	E _{theo}	E _{std}	E _{aug}
180	1014.90	1066.17	
185	1109.76	1165.73	
190	1191.62	1251.64	
195	1260.02	1323.44	
200	1315.09	1381.24	
205	1357.43	1425.69	
210	1388.11	1457.90	
215	1408.54	1479.34	
220	1420.36	1491.74	
225	1425.36	1497.00	
230	1425.36	1497.00	
235	1422.11	1493.59	
240	1417.20	1488.43	
245	1412.02	1482.99	
250	1407.66	1478.41	
255	1404.92	1475.54	
260	1404.26	1474.84	
265	1405.78	1476.44	
270	1409.24	1480.08	
275	1414.05	1485.12	
280	1419.27	1490.61	
285	1423.70	1495.25	
290	1425.85	1497.51	
295	1424.06	1495.63	
300	1416.55	1487.75	
305	1401.50	1471.94	
310	1377.16	1446.39	
315	1341.96	1409.45	
320	1294.63	1359.77	
325	1234.28	1296.42	
330	1160.48	1218.95	
335	1073.34	1127.49	
340	973.52	1022.74	
345	862.25	905.97	
350	741.24	779.01	
355	612.60	644.09	