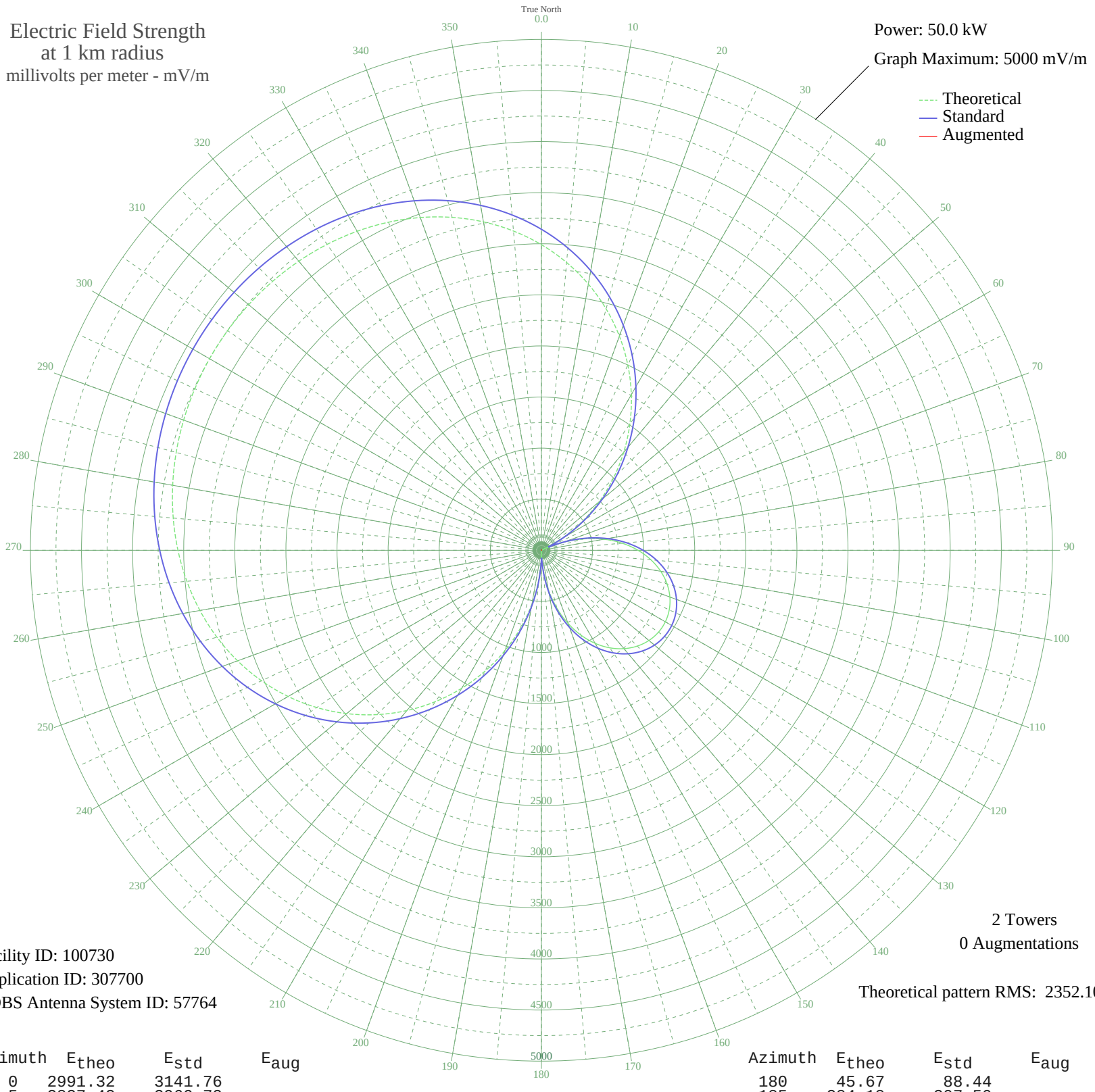
ZYH-625 FORTALEZA 1, - Brazil -- 1010 kHz

Nighttime

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



Power: 50.0 kW

Graph Maximum: 5000 mV/m

Theoretical
Standard
Augmented

2 Towers
0 Augmentations

Facility ID: 100730
Application ID: 307700
CDBS Antenna System ID: 57764

Theoretical pattern RMS: 2352.10

Azimuth	E_{theo}	E_{std}	E_{aug}
0	2991.32	3141.76	
5	2827.42	2969.72	
10	2645.32	2778.58	
15	2445.85	2569.22	
20	2230.38	2343.08	
25	2000.79	2102.14	
30	1759.44	1848.91	
35	1509.12	1586.32	
40	1252.90	1317.64	
45	994.09	1046.43	
50	736.05	776.42	
55	482.15	511.69	
60	235.60	258.30	
65	0.61	74.31	
70	223.81	246.47	
75	431.68	459.31	
80	622.25	657.57	
85	793.97	836.97	
90	945.61	995.67	
95	1076.30	1132.56	
100	1185.42	1246.91	
105	1272.56	1338.26	
110	1337.49	1406.33	
115	1380.08	1450.99	
120	1400.26	1472.15	
125	1398.02	1469.80	
130	1373.35	1443.93	
135	1326.29	1394.59	
140	1256.91	1321.84	
145	1165.35	1225.87	
150	1051.88	1106.97	
155	916.94	965.65	
160	761.19	802.70	
165	585.60	619.35	
170	391.43	417.67	
175	180.33	203.41	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	45.67	88.44	
185	284.18	307.50	
190	532.45	563.98	
195	787.43	830.14	
200	1045.89	1100.70	
205	1304.46	1371.70	
210	1559.76	1639.43	
215	1808.52	1900.40	
220	2047.73	2151.40	
225	2274.67	2389.56	
230	2487.08	2612.49	
235	2683.16	2818.30	
240	2861.67	3005.67	
245	3021.88	3173.84	
250	3163.59	3322.60	
255	3287.07	3452.22	
260	3392.99	3563.42	
265	3482.35	3657.22	
270	3556.36	3734.92	
275	3616.36	3797.90	
280	3663.69	3847.60	
285	3699.65	3885.34	
290	3725.35	3912.32	
295	3741.69	3929.48	
300	3749.29	3937.46	
305	3748.45	3936.58	
310	3739.14	3926.80	
315	3720.98	3907.74	
320	3693.31	3878.69	
325	3655.18	3838.65	
330	3605.41	3786.41	
335	3542.72	3720.60	
340	3465.75	3639.79	
345	3373.17	3542.60	
350	3263.80	3427.80	
355	3136.72	3294.39	

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.

10 Nov 2011

Prepared by Audio Division, Media Bureau
Federal Communications Commission