

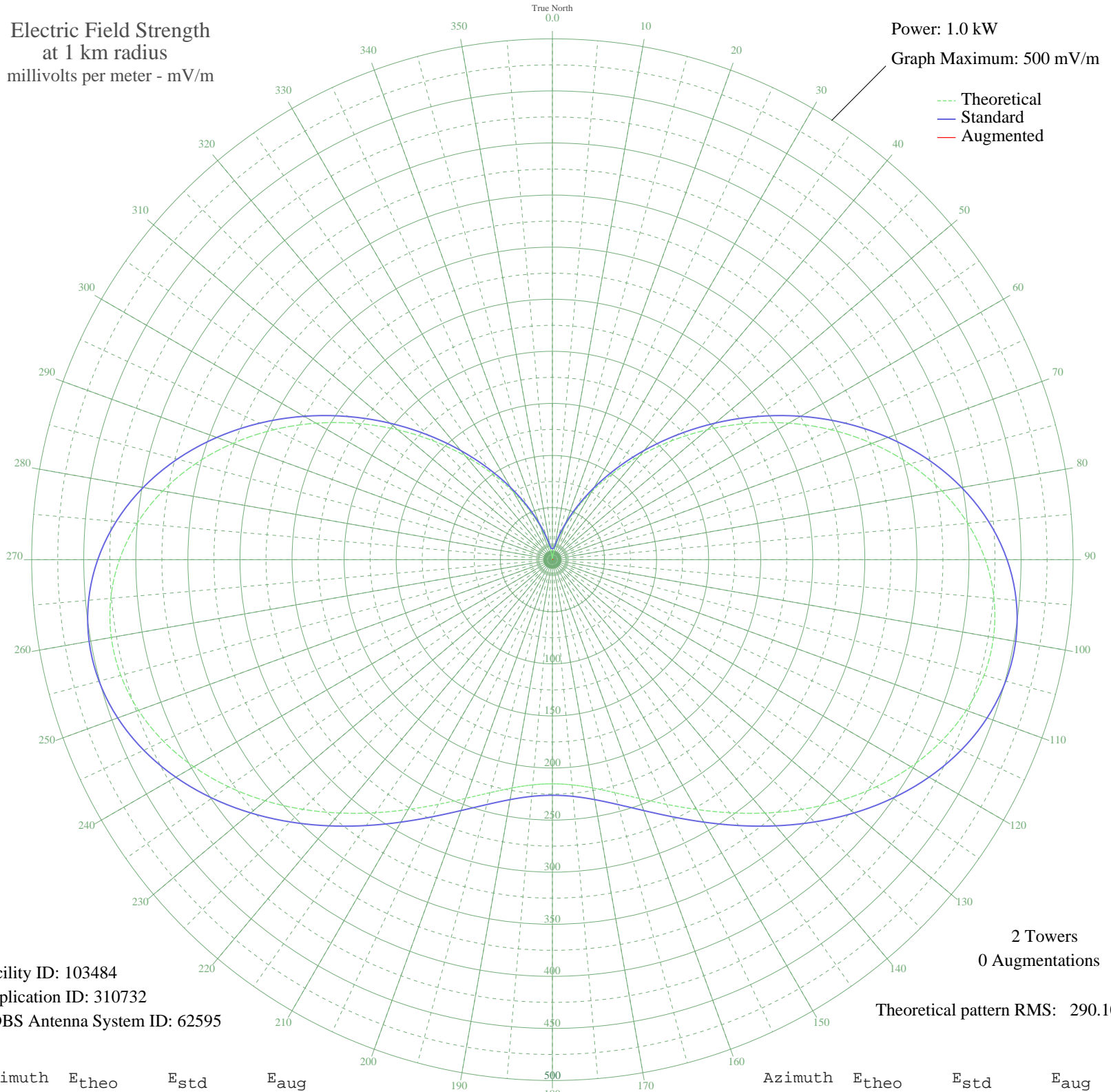
- ITAIOPOLIS, - Brazil -- 1300 kHz

Daytime

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

Power: 1.0 kW
Graph Maximum: 500 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 103484
Application ID: 310732
CDBS Antenna System ID: 62595

2 Towers
0 Augmentations
Theoretical pattern RMS: 290.10

Azimuth	E _{theo}	E _{std}	E _{aug}
0	0.00	10.50	
5	2.14	10.74	
10	8.56	13.82	
15	19.19	22.72	
20	33.94	37.15	
25	52.65	56.27	
30	75.08	79.53	
35	100.93	106.49	
40	129.74	136.63	
45	160.98	169.35	
50	193.97	203.94	
55	227.93	239.56	
60	261.98	275.27	
65	295.16	310.09	
70	326.49	342.98	
75	355.03	372.93	
80	379.89	399.02	
85	400.30	420.44	
90	415.68	436.59	
95	425.65	447.06	
100	430.08	451.71	
105	429.07	450.64	
110	422.93	444.20	
115	412.20	432.94	
120	397.58	417.59	
125	379.90	399.04	
130	360.06	378.21	
135	338.96	356.06	
140	317.52	333.56	
145	296.57	311.58	
150	276.89	290.93	
155	259.15	272.31	
160	243.89	256.30	
165	231.57	243.38	
170	222.54	233.90	
175	217.02	228.12	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	215.17	226.17	
185	217.02	228.12	
190	222.54	233.90	
195	231.57	243.38	
200	243.89	256.30	
205	259.15	272.31	
210	276.89	290.93	
215	296.57	311.58	
220	317.52	333.56	
225	338.96	356.06	
230	360.06	378.21	
235	379.90	399.04	
240	397.58	417.59	
245	412.20	432.94	
250	422.93	444.20	
255	429.07	450.64	
260	430.08	451.71	
265	425.65	447.06	
270	415.68	436.59	
275	400.30	420.44	
280	379.88	399.02	
285	355.03	372.93	
290	326.49	342.98	
295	295.16	310.09	
300	261.97	275.27	
305	227.93	239.56	
310	193.97	203.94	
315	160.98	169.35	
320	129.74	136.63	
325	100.93	106.49	
330	75.08	79.53	
335	52.65	56.27	
340	33.94	37.15	
345	19.19	22.72	
350	8.56	13.82	
355	2.14	10.74	

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.

24 Oct 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission