

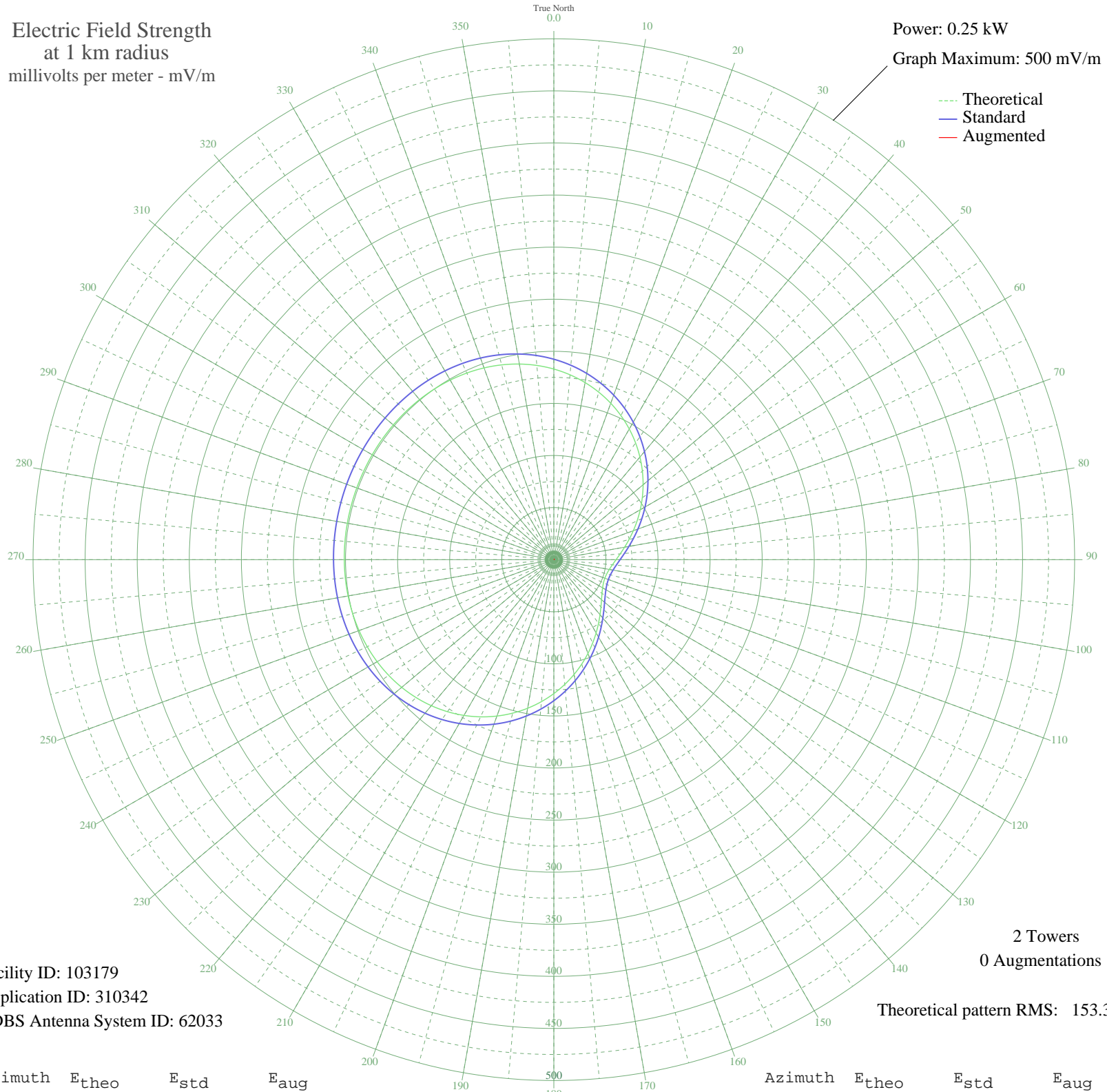
- CARIRE, - Brazil -- 1270 kHz

Nighttime

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

Power: 0.25 kW
Graph Maximum: 500 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 103179
Application ID: 310342
CDBS Antenna System ID: 62033

2 Towers
0 Augmentations

Theoretical pattern RMS: 153.31

Azimuth	E _{theo}	E _{std}	E _{aug}
0	182.98	192.42	
5	178.14	187.34	
10	172.63	181.56	
15	166.49	175.13	
20	159.76	168.07	
25	152.51	160.48	
30	144.82	152.43	
35	136.80	144.03	
40	128.56	135.39	
45	120.21	126.65	
50	111.87	117.94	
55	103.69	109.37	
60	95.76	101.10	
65	88.22	93.23	
70	81.18	85.88	
75	74.72	79.16	
80	68.95	73.16	
85	63.94	67.95	
90	59.75	63.61	
95	56.44	60.19	
100	54.05	57.72	
105	52.60	56.22	
110	52.12	55.72	
115	52.60	56.22	
120	54.05	57.72	
125	56.44	60.19	
130	59.75	63.61	
135	63.94	67.95	
140	68.95	73.16	
145	74.72	79.16	
150	81.18	85.88	
155	88.22	93.23	
160	95.76	101.10	
165	103.69	109.37	
170	111.87	117.94	
175	120.21	126.65	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	128.56	135.39	
185	136.80	144.03	
190	144.82	152.43	
195	152.51	160.48	
200	159.76	168.07	
205	166.49	175.13	
210	172.63	181.56	
215	178.14	187.34	
220	182.98	192.42	
225	187.16	196.80	
230	190.68	200.49	
235	193.58	203.53	
240	195.89	205.95	
245	197.68	207.83	
250	199.01	209.23	
255	199.96	210.22	
260	200.60	210.89	
265	200.99	211.30	
270	201.21	211.53	
275	201.32	211.65	
280	201.36	211.69	
285	201.37	211.70	
290	201.37	211.70	
295	201.37	211.70	
300	201.36	211.69	
305	201.32	211.65	
310	201.21	211.53	
315	200.99	211.30	
320	200.60	210.89	
325	199.96	210.22	
330	199.01	209.23	
335	197.68	207.83	
340	195.89	205.95	
345	193.58	203.53	
350	190.68	200.49	
355	187.16	196.80	

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.

13 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission