

- CAMPESTRE, - Brazil -- 1090 kHz

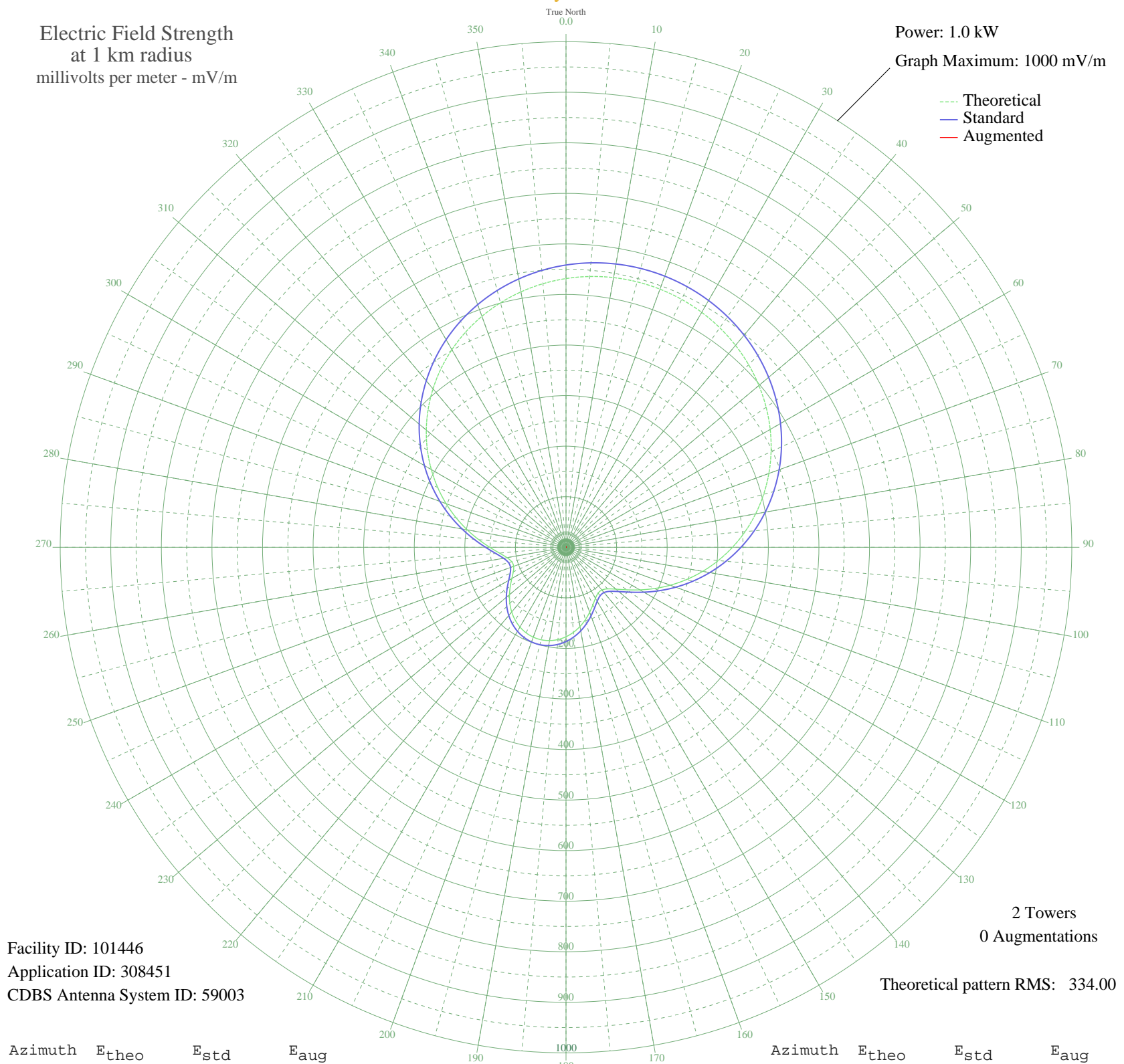
Daytime

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

Power: 1.0 kW

Graph Maximum: 1000 mV/m

--- Theoretical  
— Standard  
— Augmented



Facility ID: 101446  
Application ID: 308451  
CDBS Antenna System ID: 59003

2 Towers  
0 Augmentations

Theoretical pattern RMS: 334.00

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	531.48	558.28	
5	537.60	564.70	
10	541.60	568.90	
15	543.50	570.90	
20	543.29	570.67	
25	540.97	568.24	
30	536.54	563.59	
35	530.01	556.73	
40	521.37	547.67	
45	510.64	536.40	
50	497.83	522.96	
55	482.98	507.38	
60	466.14	489.70	
65	447.37	470.01	
70	426.78	448.40	
75	404.48	425.00	
80	380.64	399.98	
85	355.45	373.56	
90	329.15	345.96	
95	302.02	317.51	
100	274.40	288.55	
105	246.69	259.51	
110	219.38	230.89	
115	193.07	203.34	
120	168.52	177.66	
125	146.72	154.86	
130	128.89	136.25	
135	116.40	123.24	
140	110.31	116.90	
145	110.71	117.32	
150	116.46	123.30	
155	125.72	132.95	
160	136.75	144.45	
165	148.19	156.40	
170	159.10	167.80	
175	168.83	177.98	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	176.97	186.49	
185	183.22	193.03	
190	187.40	197.41	
195	189.41	199.50	
200	189.18	199.27	
205	186.74	196.71	
210	182.13	191.89	
215	175.49	184.94	
220	167.00	176.07	
225	156.99	165.60	
230	145.92	154.03	
235	134.47	142.08	
240	123.67	130.82	
245	114.96	121.74	
250	110.16	116.74	
255	111.00	117.61	
260	118.41	125.33	
265	132.07	139.57	
270	150.81	159.13	
275	173.25	182.60	
280	198.22	208.73	
285	224.78	236.55	
290	252.22	265.30	
295	279.94	294.36	
300	307.49	323.25	
305	334.48	351.56	
310	360.58	378.94	
315	385.52	405.11	
320	409.07	429.81	
325	431.04	452.87	
330	451.28	474.10	
335	469.67	493.40	
340	486.11	510.67	
345	500.56	525.82	
350	512.95	538.83	
355	523.27	549.66	

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.

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Prepared by Audio Division, Media Bureau  
Federal Communications Commission