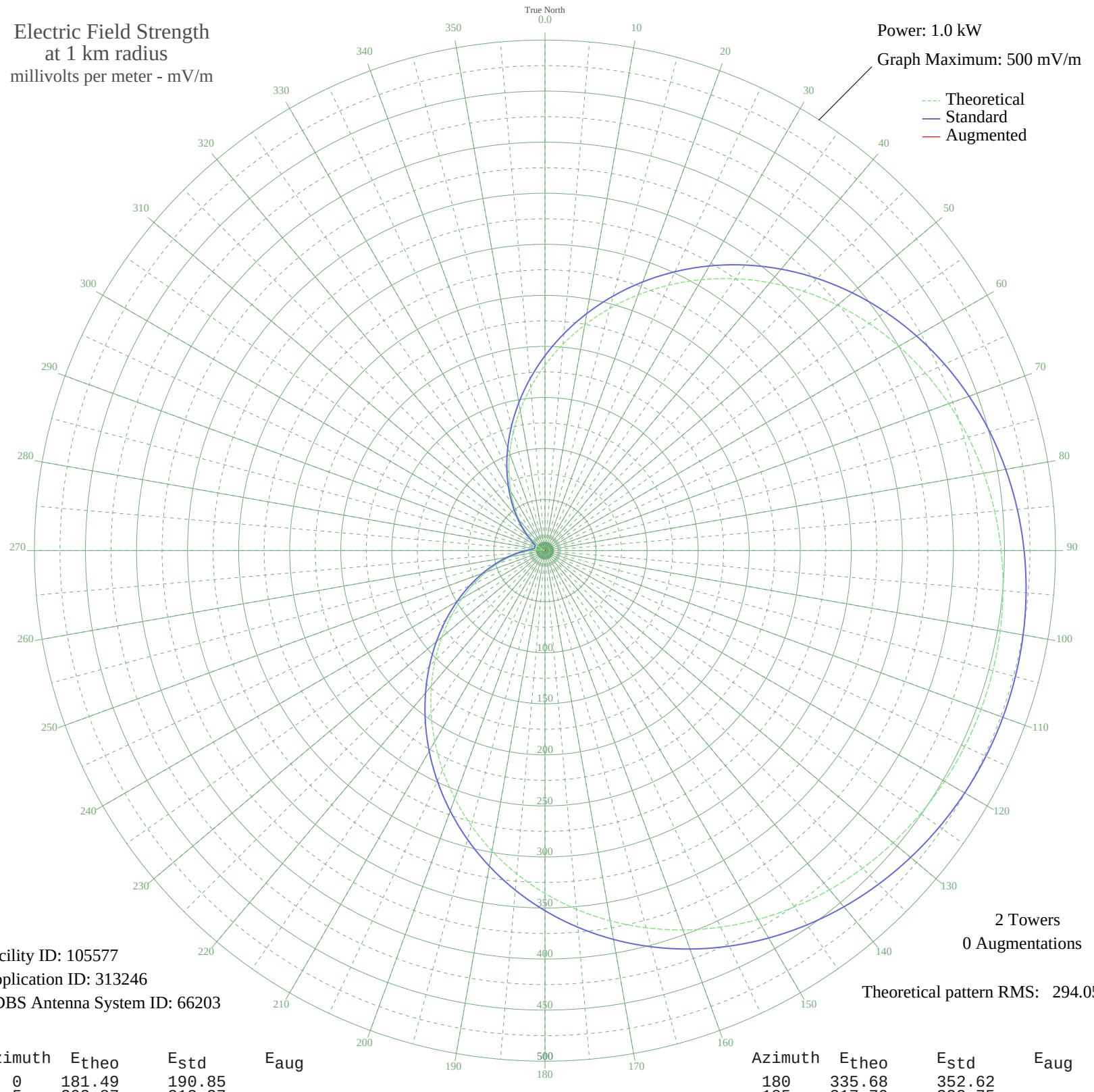
- MARICA, - Brazil -- 1570 kHz

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

2 Towers
0 Augmentations

Facility ID: 105577
Application ID: 313246
CDBS Antenna System ID: 66203

Theoretical pattern RMS: 294.05

Azimuth	E_{theo}	E_{std}	E_{aug}
0	181.49	190.85	
5	202.87	213.27	
10	224.32	235.77	
15	245.61	258.11	
20	266.53	280.05	
25	286.85	301.38	
30	306.41	321.90	
35	325.02	341.43	
40	342.56	359.84	
45	358.90	376.99	
50	373.98	392.82	
55	387.73	407.25	
60	400.12	420.25	
65	411.15	431.83	
70	420.83	441.99	
75	429.19	450.77	
80	436.27	458.21	
85	442.12	464.35	
90	446.80	469.25	
95	450.33	472.96	
100	452.76	475.52	
105	454.13	476.95	
110	454.44	477.28	
115	453.71	476.51	
120	451.92	474.63	
125	449.05	471.62	
130	445.07	467.44	
135	439.93	462.04	
140	433.59	455.39	
145	426.00	447.42	
150	417.11	438.10	
155	406.90	427.37	
160	395.32	415.22	
165	382.39	401.65	
170	368.11	386.65	
175	352.51	370.29	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	335.68	352.62	
185	317.70	333.75	
190	298.69	313.80	
195	278.81	292.93	
200	258.22	271.34	
205	237.13	249.21	
210	215.75	226.78	
215	194.29	204.28	
220	173.00	181.96	
225	152.10	160.05	
230	131.82	138.81	
235	112.39	118.47	
240	93.99	99.25	
245	76.84	81.36	
250	61.09	65.00	
255	46.91	50.36	
260	34.43	37.64	
265	23.75	27.05	
270	14.97	18.90	
275	8.16	13.55	
280	3.38	11.08	
285	0.67	10.52	
290	0.04	10.50	
295	1.51	10.62	
300	5.05	11.76	
305	10.64	15.33	
310	18.25	21.85	
315	27.80	31.02	
320	39.21	42.49	
325	52.39	56.00	
330	67.21	71.35	
335	83.54	88.34	
340	101.21	106.79	
345	120.05	126.49	
350	139.85	147.22	
355	160.40	168.75	

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.

15 Feb 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission