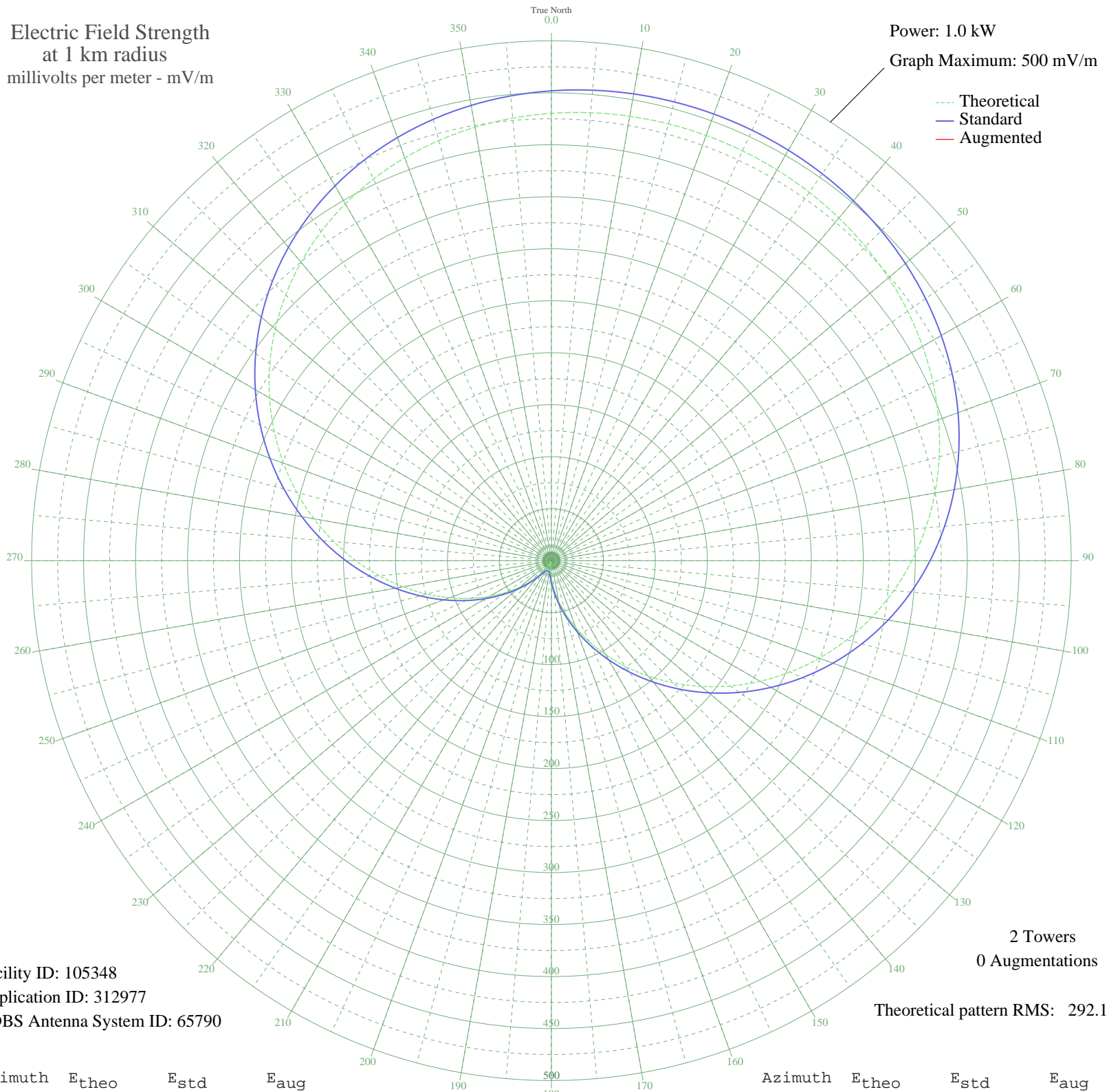


- ARACATUBA, - Brazil -- 1540 kHz

Daytime

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

Power: 1.0 kW
Graph Maximum: 500 mV/m



Facility ID: 105348
Application ID: 312977
CDBS Antenna System ID: 65790

2 Towers
0 Augmentations
Theoretical pattern RMS: 292.11

Azimuth	E _{theo}	E _{std}	E _{aug}
0	430.25	451.88	
5	432.48	454.23	
10	434.01	455.83	
15	434.90	456.76	
20	435.19	457.07	
25	434.90	456.76	
30	434.01	455.83	
35	432.48	454.23	
40	430.25	451.88	
45	427.22	448.71	
50	423.30	444.59	
55	418.37	439.42	
60	412.31	433.05	
65	405.00	425.38	
70	396.33	416.28	
75	386.23	405.67	
80	374.61	393.48	
85	361.46	379.68	
90	346.77	364.26	
95	330.61	347.29	
100	313.04	328.86	
105	294.20	309.09	
110	274.27	288.18	
115	253.45	266.33	
120	231.97	243.79	
125	210.09	220.84	
130	188.08	197.76	
135	166.23	174.86	
140	144.82	152.42	
145	124.12	130.74	
150	104.38	110.10	
155	85.84	90.74	
160	68.72	72.91	
165	53.20	56.84	
170	39.46	42.74	
175	27.61	30.83	

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

Azimuth	E _{theo}	E _{std}	E _{aug}
180	17.78	21.42	
185	10.05	14.88	
190	4.48	11.51	
195	1.12	10.57	
200	0.00	10.50	
205	1.12	10.57	
210	4.48	11.51	
215	10.05	14.88	
220	17.78	21.42	
225	27.61	30.83	
230	39.46	42.74	
235	53.20	56.84	
240	68.72	72.91	
245	85.84	90.74	
250	104.38	110.10	
255	124.12	130.74	
260	144.82	152.42	
265	166.23	174.86	
270	188.08	197.76	
275	210.09	220.84	
280	231.97	243.79	
285	253.45	266.33	
290	274.27	288.18	
295	294.20	309.09	
300	313.04	328.86	
305	330.61	347.29	
310	346.77	364.26	
315	361.46	379.68	
320	374.61	393.48	
325	386.23	405.67	
330	396.33	416.28	
335	405.00	425.38	
340	412.31	433.05	
345	418.37	439.42	
350	423.30	444.59	
355	427.22	448.71	