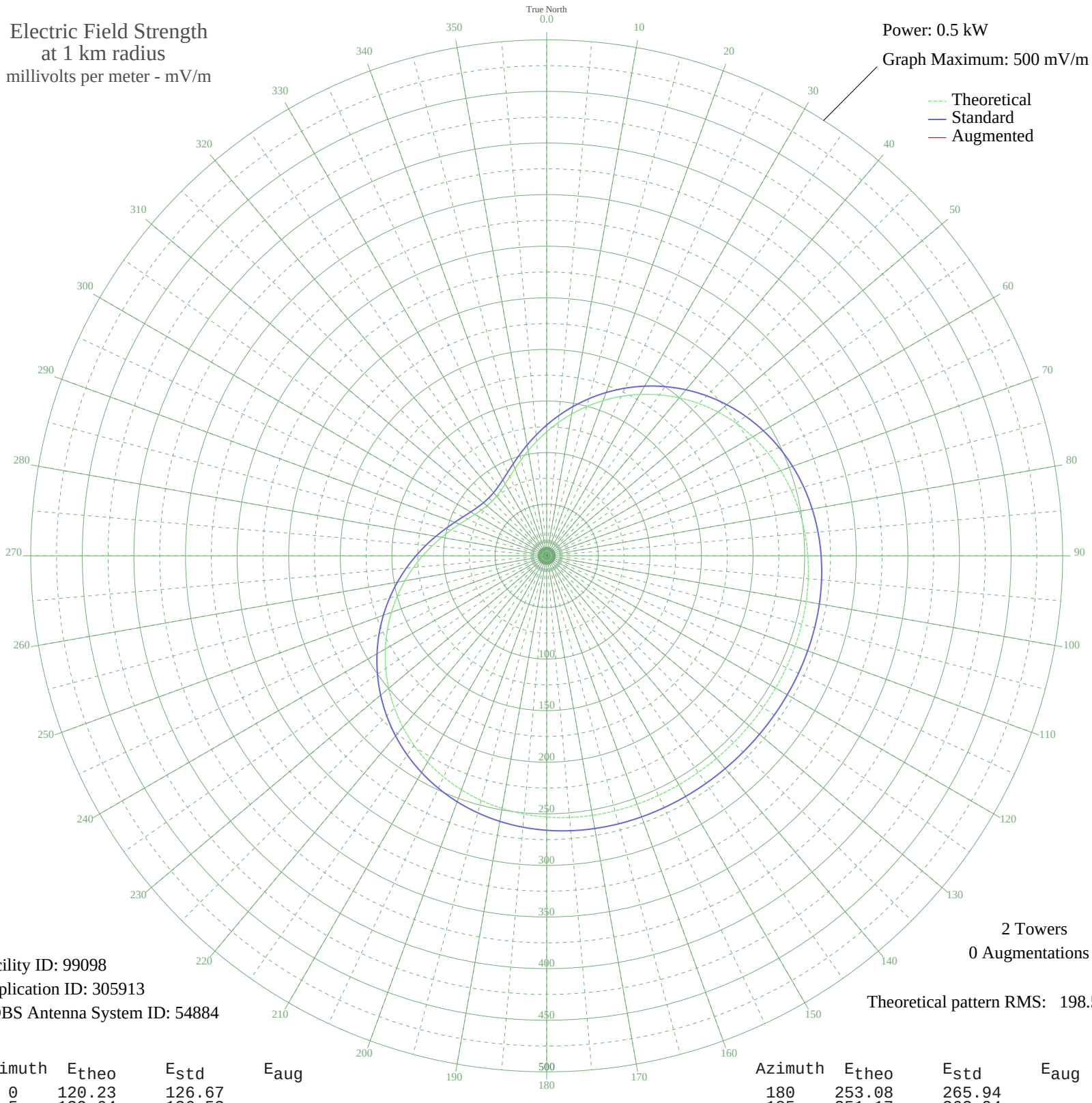
- PALOTINA, - Brazil -- 570 kHz

Nighttime

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



Power: 0.5 kW

Graph Maximum: 500 mV/m

Theoretical
Standard
Augmented

Facility ID: 99098
Application ID: 305913
CDBS Antenna System ID: 54884

2 Towers
0 Augmentations

Theoretical pattern RMS: 198.50

Azimuth	E_{theo}	E_{std}	E_{aug}
0	120.23	126.67	
5	129.64	136.53	
10	139.52	146.87	
15	149.70	157.53	
20	160.03	168.36	
25	170.36	179.19	
30	180.53	189.84	
35	190.38	200.17	
40	199.77	210.03	
45	208.60	219.28	
50	216.74	227.82	
55	224.13	235.57	
60	230.70	242.46	
65	236.42	248.47	
70	241.30	253.58	
75	245.35	257.84	
80	248.62	261.27	
85	251.17	263.94	
90	253.08	265.94	
95	254.44	267.37	
100	255.33	268.31	
105	255.87	268.87	
110	256.14	269.15	
115	256.22	269.24	
120	256.20	269.22	
125	256.15	269.16	
130	256.09	269.10	
135	256.07	269.08	
140	256.09	269.10	
145	256.15	269.16	
150	256.20	269.22	
155	256.22	269.24	
160	256.14	269.15	
165	255.87	268.87	
170	255.33	268.31	
175	254.44	267.37	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	253.08	265.94	
185	251.17	263.94	
190	248.62	261.27	
195	245.35	257.84	
200	241.30	253.58	
205	236.42	248.47	
210	230.70	242.46	
215	224.13	235.57	
220	216.74	227.82	
225	208.60	219.28	
230	199.77	210.03	
235	190.38	200.17	
240	180.53	189.84	
245	170.36	179.19	
250	160.03	168.36	
255	149.70	157.53	
260	139.52	146.87	
265	129.64	136.53	
270	120.23	126.67	
275	111.41	117.45	
280	103.32	109.00	
285	96.08	101.43	
290	89.79	94.86	
295	84.52	89.37	
300	80.36	85.03	
305	77.35	81.89	
310	75.52	79.99	
315	74.91	79.36	
320	75.52	79.99	
325	77.35	81.89	
330	80.36	85.03	
335	84.52	89.37	
340	89.79	94.86	
345	96.08	101.43	
350	103.32	109.00	
355	111.41	117.45	

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.

31 Aug 2008

Prepared by Audio Division, Media Bureau
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