

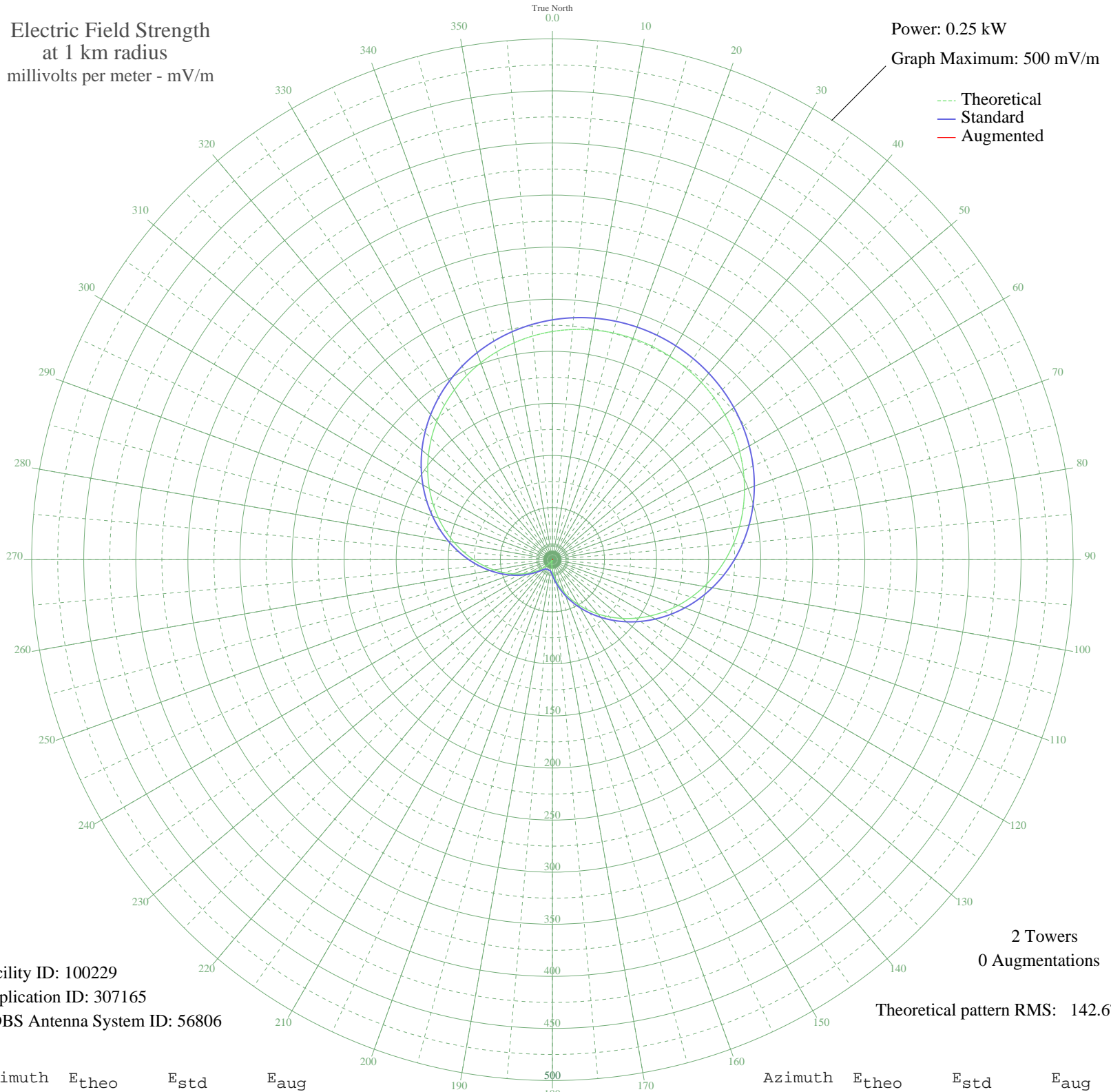
ZYI682 POMBAL, - Brazil -- 880 kHz

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: 100229
Application ID: 307165
CDBS Antenna System ID: 56806

2 Towers
0 Augmentations

Theoretical pattern RMS: 142.67

Azimuth	E _{theo}	E _{std}	E _{aug}
0	219.02	230.21	
5	221.80	233.12	
10	223.90	235.33	
15	225.32	236.82	
20	226.06	237.60	
25	226.13	237.67	
30	225.52	237.03	
35	224.24	235.68	
40	222.27	233.62	
45	219.63	230.85	
50	216.30	227.36	
55	212.30	223.16	
60	207.61	218.25	
65	202.26	212.63	
70	196.25	206.33	
75	189.61	199.36	
80	182.35	191.75	
85	174.51	183.54	
90	166.14	174.76	
95	157.29	165.48	
100	148.01	155.76	
105	138.37	145.67	
110	128.46	135.29	
115	118.35	124.71	
120	108.13	114.02	
125	97.90	103.33	
130	87.75	92.73	
135	77.77	82.33	
140	68.06	72.23	
145	58.71	62.54	
150	49.81	53.35	
155	41.45	44.77	
160	33.68	36.89	
165	26.60	29.84	
170	20.25	23.72	
175	14.70	18.67	

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.

26 Jun 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E _{theo}	E _{std}	E _{aug}
180	9.98	14.84	
185	6.15	12.33	
190	3.22	11.03	
195	1.22	10.58	
200	0.17	10.50	
205	0.08	10.50	
210	0.94	10.55	
215	2.74	10.89	
220	5.49	11.98	
225	9.15	14.23	
230	13.69	17.80	
235	19.08	22.62	
240	25.27	28.53	
245	32.21	35.41	
250	39.84	43.13	
255	48.10	51.58	
260	56.90	60.66	
265	66.16	70.26	
270	75.81	80.29	
275	85.74	90.63	
280	95.86	101.20	
285	106.09	111.88	
290	116.31	122.58	
295	126.45	133.19	
300	136.41	143.61	
305	146.11	153.77	
310	155.46	163.57	
315	164.41	172.95	
320	172.88	181.83	
325	180.83	190.16	
330	188.20	197.89	
335	194.97	204.99	
340	201.11	211.43	
345	206.60	217.18	
350	211.41	222.23	
355	215.55	226.58	