

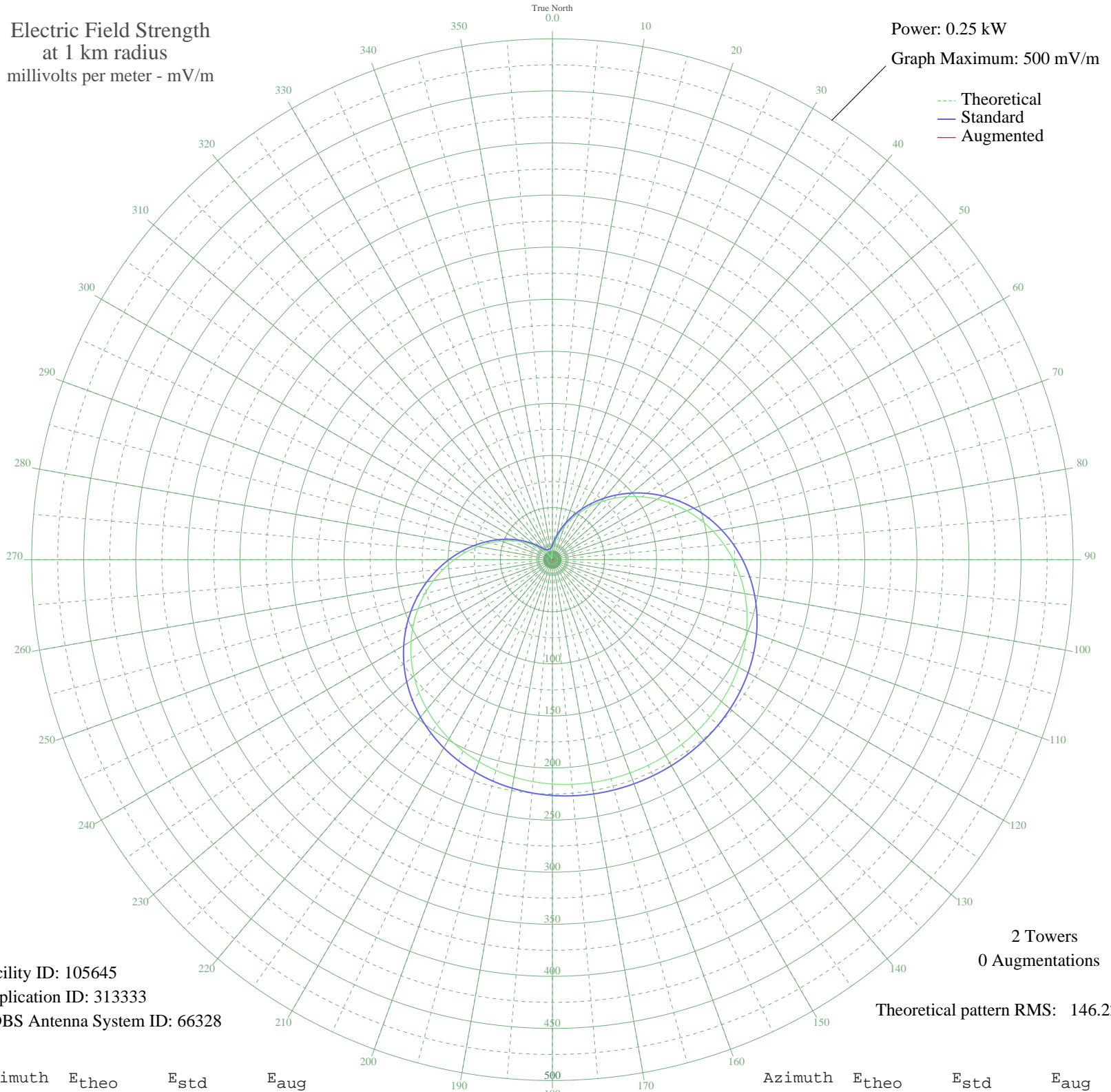
- IBIUNA, - Brazil -- 1580 kHz

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: 105645
Application ID: 313333
CDBS Antenna System ID: 66328

2 Towers
0 Augmentations

Theoretical pattern RMS: 146.22

Azimuth	E _{theo}	E _{std}	E _{aug}
0	8.90	14.06	
5	13.82	17.91	
10	19.75	23.24	
15	26.63	29.87	
20	34.40	37.61	
25	42.97	46.32	
30	52.25	55.86	
35	62.13	66.07	
40	72.49	76.84	
45	83.21	88.00	
50	94.15	99.41	
55	105.16	110.92	
60	116.11	122.37	
65	126.87	133.62	
70	137.29	144.54	
75	147.27	154.99	
80	156.70	164.87	
85	165.49	174.08	
90	173.58	182.56	
95	180.93	190.27	
100	187.52	197.17	
105	193.33	203.27	
110	198.39	208.57	
115	202.73	213.12	
120	206.39	216.96	
125	209.42	220.14	
130	211.89	222.73	
135	213.85	224.79	
140	215.37	226.38	
145	216.48	227.55	
150	217.25	228.35	
155	217.69	228.82	
160	217.84	228.97	
165	217.69	228.82	
170	217.25	228.35	
175	216.48	227.55	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	215.37	226.38	
185	213.85	224.79	
190	211.89	222.73	
195	209.42	220.14	
200	206.39	216.96	
205	202.73	213.12	
210	198.39	208.57	
215	193.33	203.27	
220	187.52	197.17	
225	180.93	190.27	
230	173.58	182.56	
235	165.49	174.08	
240	156.70	164.87	
245	147.27	154.99	
250	137.29	144.54	
255	126.87	133.62	
260	116.11	122.37	
265	105.16	110.92	
270	94.15	99.41	
275	83.21	88.00	
280	72.49	76.84	
285	62.13	66.07	
290	52.25	55.86	
295	42.97	46.32	
300	34.40	37.61	
305	26.63	29.87	
310	19.75	23.24	
315	13.82	17.91	
320	8.90	14.06	
325	5.03	11.75	
330	2.24	10.76	
335	0.56	10.52	
340	0.00	10.50	
345	0.56	10.52	
350	2.24	10.76	
355	5.03	11.75	

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