

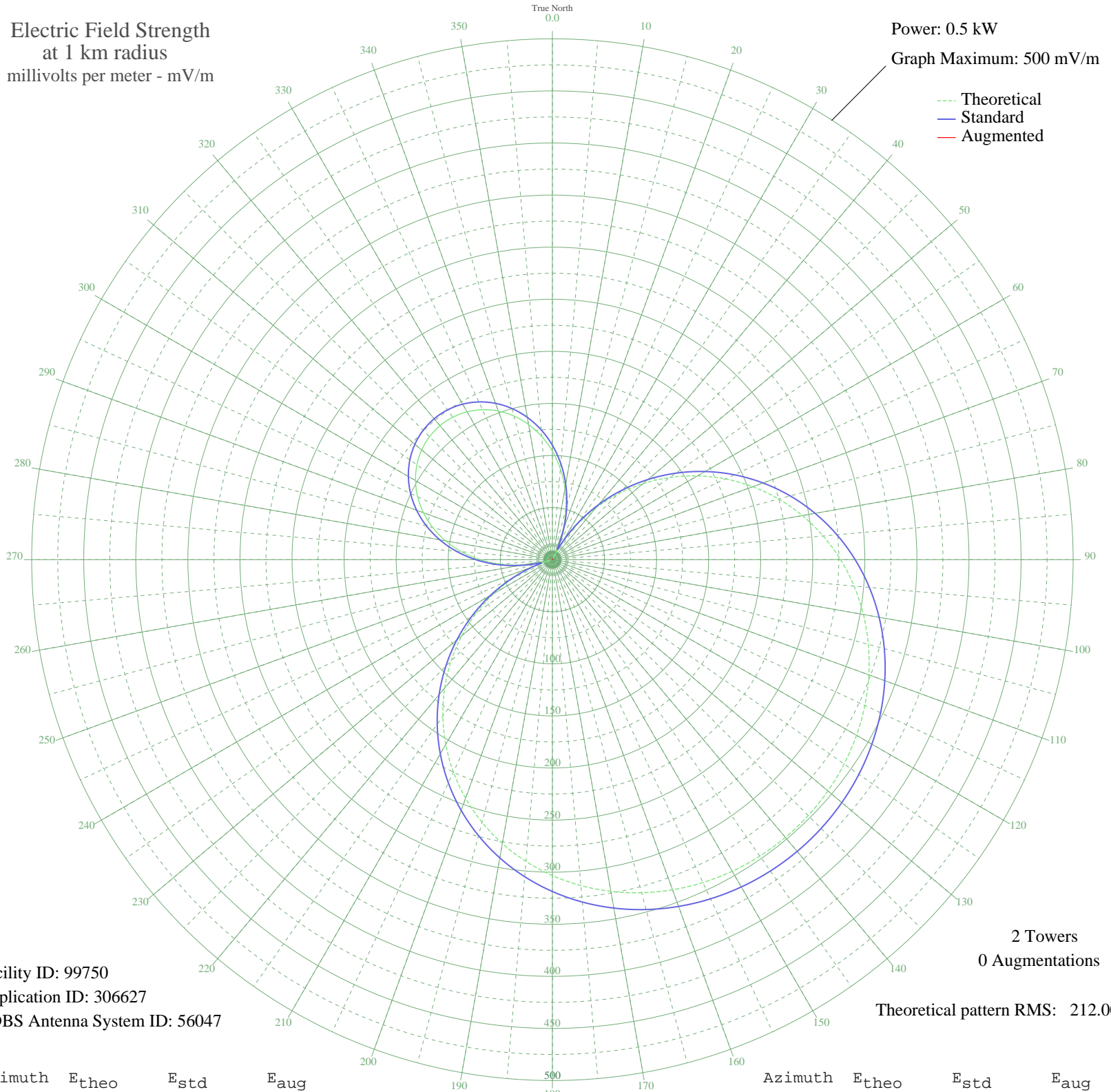
- REGISTRO, - Brazil -- 750 kHz

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: 99750
Application ID: 306627
CDBS Antenna System ID: 56047

2 Towers
0 Augmentations

Theoretical pattern RMS: 212.00

Azimuth	E _{theo}	E _{std}	E _{aug}
0	104.10	109.81	
5	87.59	92.56	
10	69.42	73.64	
15	49.73	53.26	
20	28.69	31.90	
25	6.49	12.52	
30	16.64	20.39	
35	40.48	43.78	
40	64.75	68.80	
45	89.20	94.25	
50	113.54	119.68	
55	137.52	144.77	
60	160.87	169.24	
65	183.36	192.81	
70	204.78	215.27	
75	224.95	236.43	
80	243.73	256.13	
85	261.00	274.25	
90	276.70	290.73	
95	290.78	305.50	
100	303.23	318.57	
105	314.07	329.94	
110	323.32	339.64	
115	331.02	347.73	
120	337.23	354.25	
125	342.00	359.25	
130	345.37	362.79	
135	347.37	364.89	
140	348.04	365.59	
145	347.37	364.89	
150	345.37	362.79	
155	342.00	359.25	
160	337.23	354.25	
165	331.02	347.73	
170	323.32	339.64	
175	314.07	329.94	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	303.23	318.57	
185	290.78	305.50	
190	276.70	290.73	
195	261.00	274.25	
200	243.73	256.13	
205	224.95	236.43	
210	204.78	215.27	
215	183.36	192.81	
220	160.87	169.24	
225	137.52	144.77	
230	113.54	119.68	
235	89.20	94.25	
240	64.75	68.80	
245	40.48	43.78	
250	16.64	20.39	
255	6.49	12.52	
260	28.69	31.90	
265	49.73	53.26	
270	69.42	73.64	
275	87.59	92.56	
280	104.10	109.81	
285	118.85	125.23	
290	131.74	138.73	
295	142.73	150.23	
300	151.76	159.69	
305	158.80	167.07	
310	163.84	172.36	
315	166.87	175.53	
320	167.88	176.59	
325	166.87	175.53	
330	163.84	172.36	
335	158.80	167.07	
340	151.76	159.69	
345	142.73	150.23	
350	131.74	138.73	
355	118.85	125.23	

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.

10 Nov 2011

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Federal Communications Commission