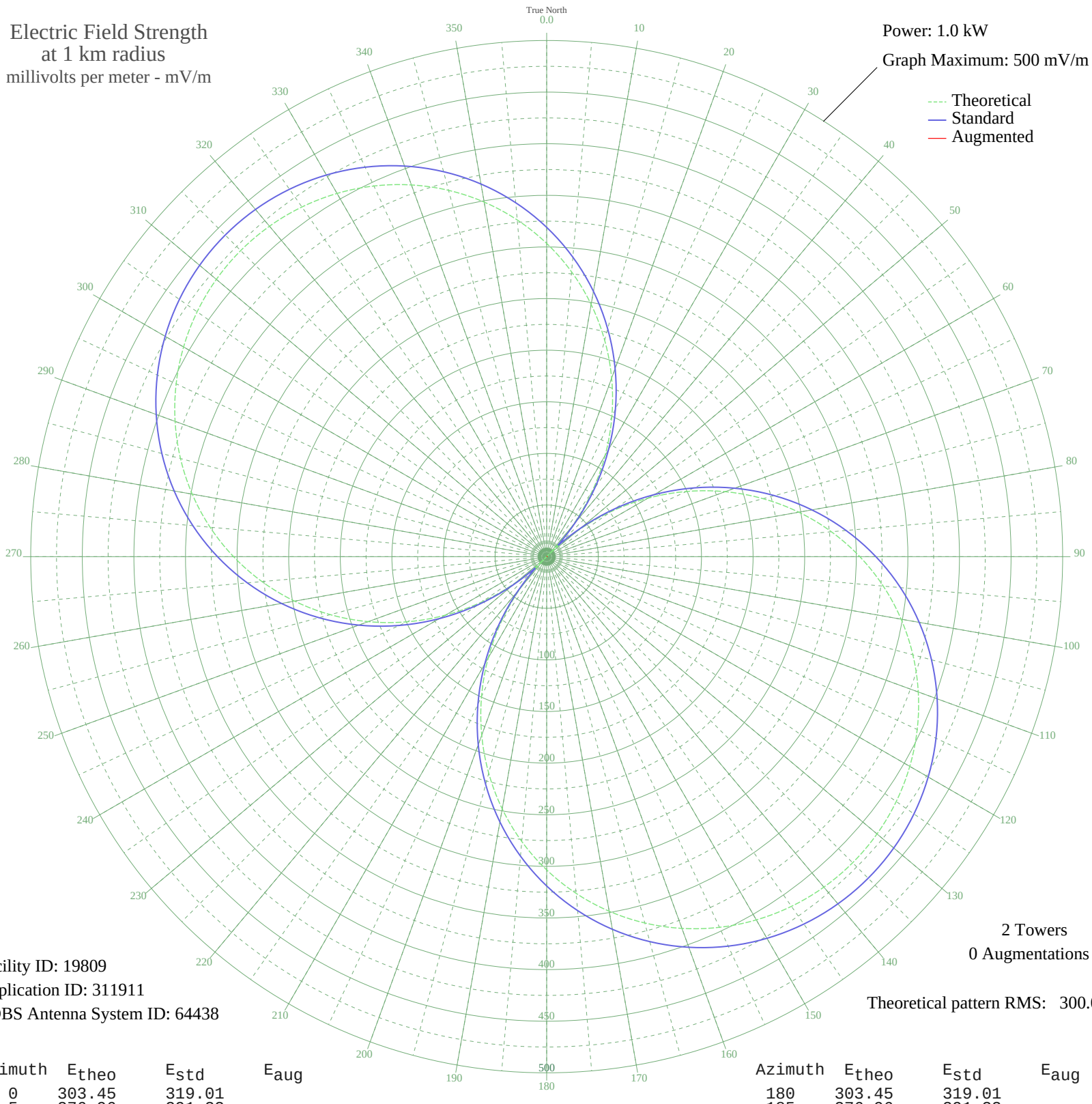
- PORTAO, - Brazil -- 1430 kHz

Daytime

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



Power: 1.0 kW

Graph Maximum: 500 mV/m

Theoretical
Standard
Augmented

Facility ID: 19809
Application ID: 311911
CDBS Antenna System ID: 64438

2 Towers
0 Augmentations

Theoretical pattern RMS: 300.00

Azimuth	E_{theo}	E_{std}	E_{aug}
0	303.45	319.01	
5	276.96	291.22	
10	248.10	260.96	
15	217.06	228.44	
20	184.07	193.90	
25	149.38	157.62	
30	113.30	119.98	
35	76.15	81.45	
40	38.26	43.08	
45	0.00	15.57	
50	38.26	43.08	
55	76.15	81.45	
60	113.30	119.98	
65	149.38	157.62	
70	184.07	193.90	
75	217.06	228.44	
80	248.10	260.97	
85	276.96	291.22	
90	303.45	319.01	
95	327.43	344.16	
100	348.77	366.54	
105	367.38	386.07	
110	383.20	402.66	
115	396.18	416.28	
120	406.30	426.90	
125	413.53	434.49	
130	417.87	439.04	
135	419.32	440.56	
140	417.87	439.04	
145	413.53	434.49	
150	406.30	426.90	
155	396.18	416.28	
160	383.20	402.66	
165	367.38	386.07	
170	348.77	366.54	
175	327.43	344.16	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	303.45	319.01	
185	276.96	291.22	
190	248.10	260.97	
195	217.06	228.44	
200	184.07	193.90	
205	149.38	157.62	
210	113.30	119.98	
215	76.15	81.45	
220	38.26	43.08	
225	0.00	15.57	
230	38.26	43.08	
235	76.15	81.45	
240	113.30	119.98	
245	149.38	157.62	
250	184.07	193.90	
255	217.06	228.44	
260	248.10	260.96	
265	276.96	291.22	
270	303.45	319.01	
275	327.43	344.16	
280	348.77	366.54	
285	367.38	386.07	
290	383.20	402.66	
295	396.18	416.28	
300	406.30	426.90	
305	413.53	434.49	
310	417.87	439.04	
315	419.32	440.56	
320	417.87	439.04	
325	413.53	434.49	
330	406.30	426.90	
335	396.18	416.28	
340	383.20	402.66	
345	367.38	386.07	
350	348.77	366.54	
355	327.43	344.16	

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.

28 Sep 2008

Prepared by Audio Division, Media Bureau
Federal Communications Commission