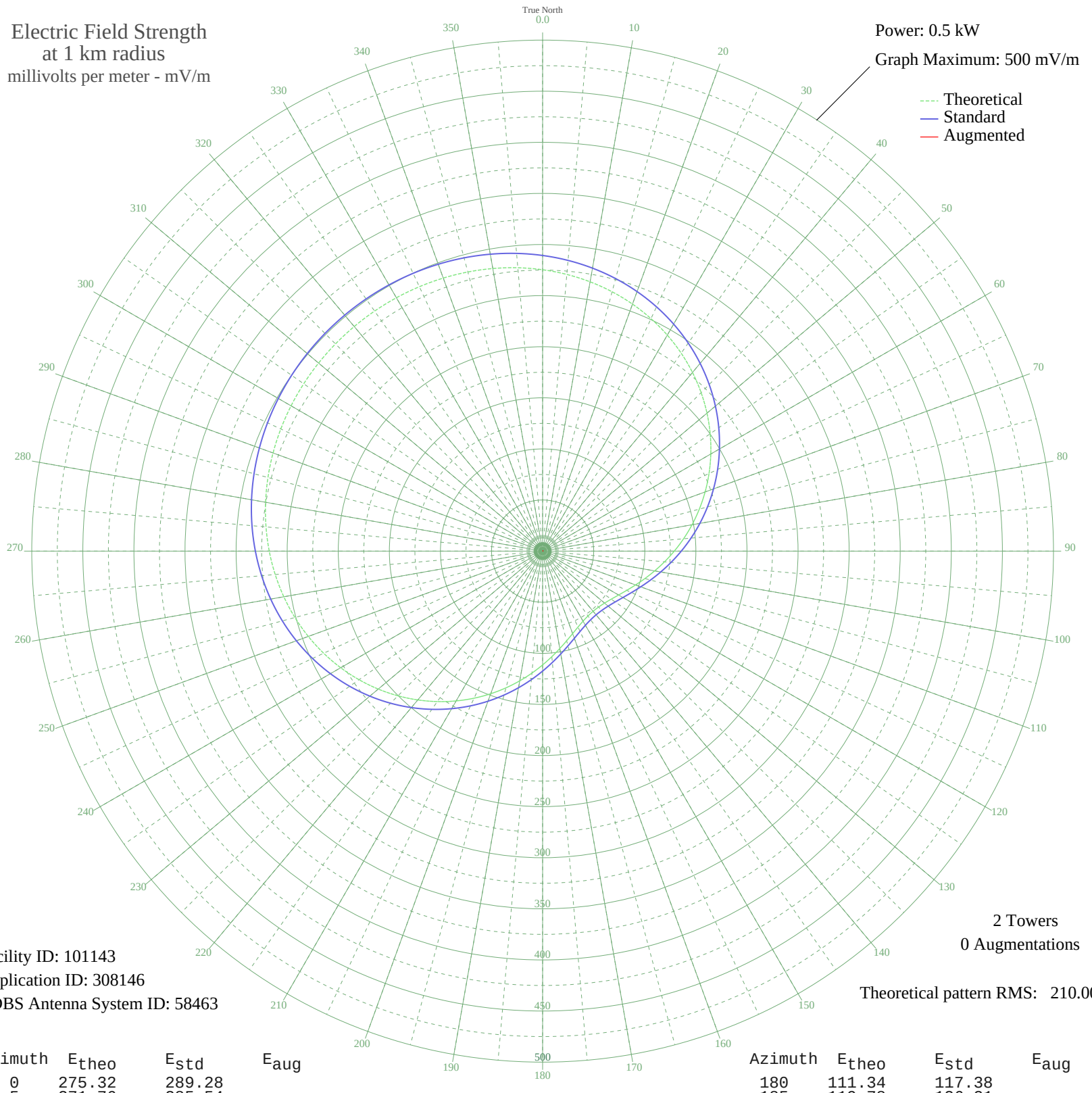
- VOTUPORANGA, - Brazil -- 1060 kHz

Nighttime



Facility ID: 101143
Application ID: 308146
CDBS Antenna System ID: 58463

2 Towers
0 Augmentations

Theoretical pattern RMS: 210.00

Azimuth	E_{theo}	E_{std}	E_{aug}
0	275.32	289.28	
5	271.76	285.54	
10	267.57	281.14	
15	262.72	276.06	
20	257.20	270.26	
25	250.97	263.73	
30	244.05	256.47	
35	236.45	248.49	
40	228.20	239.84	
45	219.36	230.57	
50	210.00	220.75	
55	200.20	210.47	
60	190.07	199.84	
65	179.70	188.98	
70	169.24	178.01	
75	158.79	167.06	
80	148.49	156.27	
85	138.48	145.78	
90	128.87	135.72	
95	119.78	126.21	
100	111.34	117.38	
105	103.64	109.33	
110	96.78	102.16	
115	90.84	95.96	
120	85.88	90.79	
125	81.97	86.71	
130	79.14	83.76	
135	77.44	81.98	
140	76.87	81.39	
145	77.44	81.98	
150	79.14	83.76	
155	81.97	86.71	
160	85.88	90.79	
165	90.84	95.96	
170	96.78	102.16	
175	103.64	109.33	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	111.34	117.38	
185	119.78	126.21	
190	128.87	135.72	
195	138.48	145.78	
200	148.49	156.27	
205	158.79	167.06	
210	169.24	178.01	
215	179.70	188.98	
220	190.07	199.84	
225	200.20	210.47	
230	210.00	220.75	
235	219.36	230.57	
240	228.20	239.84	
245	236.45	248.49	
250	244.05	256.47	
255	250.97	263.73	
260	257.20	270.26	
265	262.72	276.06	
270	267.57	281.14	
275	271.76	285.54	
280	275.32	289.28	
285	278.31	292.42	
290	280.77	295.00	
295	282.75	297.07	
300	284.30	298.69	
305	285.45	299.90	
310	286.24	300.74	
315	286.71	301.23	
320	286.87	301.39	
325	286.71	301.23	
330	286.24	300.74	
335	285.45	299.90	
340	284.30	298.69	
345	282.75	297.07	
350	280.77	295.00	
355	278.31	292.42	

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

Prepared by Audio Division, Media Bureau
Federal Communications Commission