

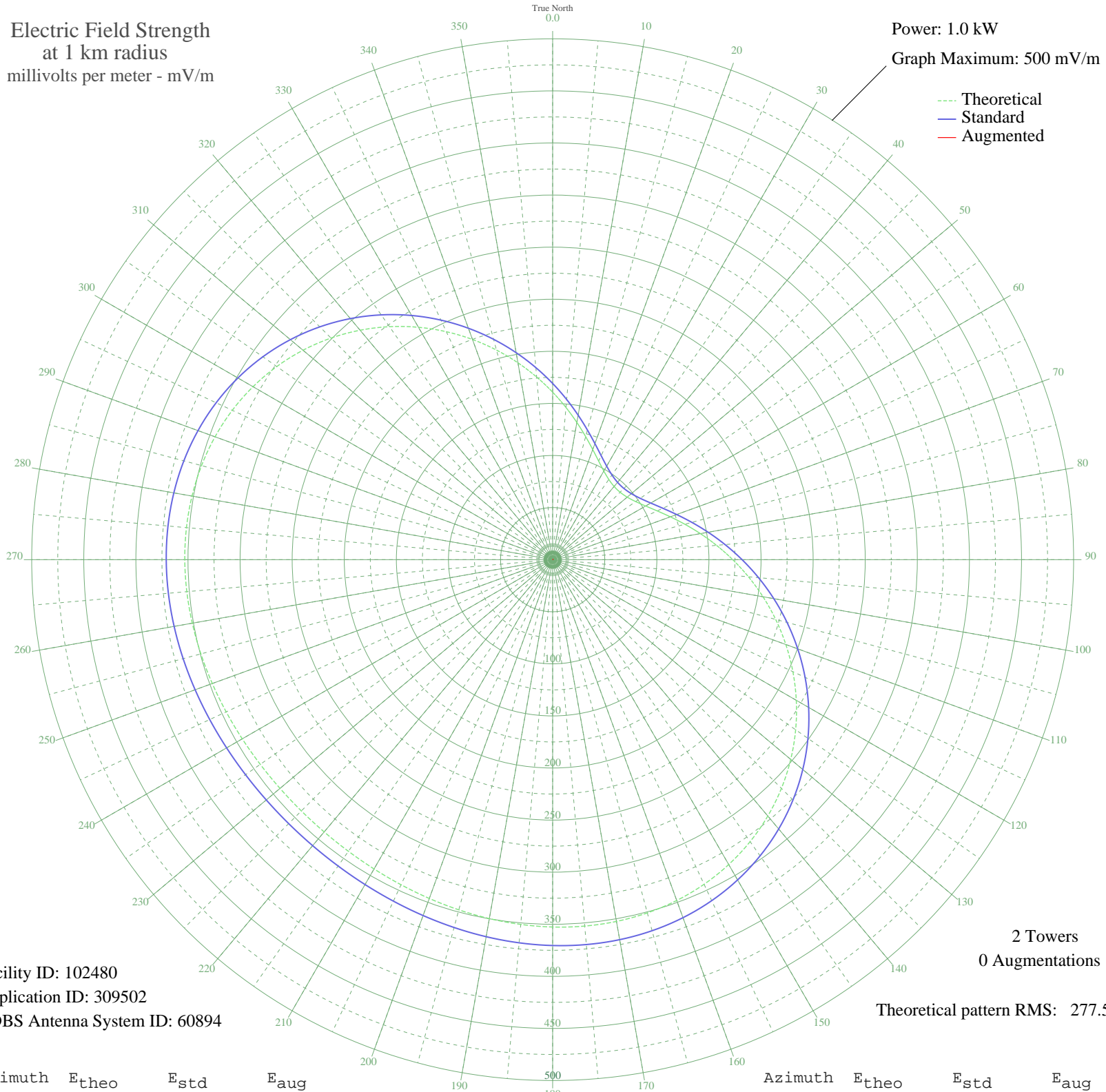
- S BENTO SUL, - Brazil -- 1200 kHz

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: 102480
Application ID: 309502
CDBS Antenna System ID: 60894

2 Towers
0 Augmentations

Theoretical pattern RMS: 277.58

Azimuth	E _{theo}	E _{std}	E _{aug}
0	160.79	169.16	
5	146.65	154.34	
10	133.76	140.84	
15	122.31	128.86	
20	112.49	118.58	
25	104.43	110.15	
30	98.23	103.68	
35	93.99	99.25	
40	91.76	96.91	
45	91.55	96.70	
50	93.38	98.61	
55	97.23	102.63	
60	103.04	108.70	
65	110.73	116.74	
70	120.21	126.66	
75	131.35	138.31	
80	143.96	151.53	
85	157.87	166.10	
90	172.85	181.80	
95	188.65	198.36	
100	205.00	215.51	
105	221.61	232.92	
110	238.17	250.30	
115	254.40	267.33	
120	270.00	283.70	
125	284.71	299.13	
130	298.28	313.37	
135	310.51	326.21	
140	321.26	337.49	
145	330.42	347.10	
150	337.95	355.00	
155	343.85	361.19	
160	348.18	365.74	
165	351.06	368.76	
170	352.64	370.42	
175	353.10	370.90	

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.

13 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E _{theo}	E _{std}	E _{aug}
180	352.64	370.42	
185	351.49	369.22	
190	349.88	367.52	
195	348.01	365.57	
200	346.10	363.56	
205	344.33	361.69	
210	342.84	360.13	
215	341.75	359.00	
220	341.16	358.38	
225	341.11	358.32	
230	341.59	358.83	
235	342.58	359.87	
240	344.00	361.35	
245	345.73	363.17	
250	347.63	365.16	
255	349.52	367.15	
260	351.20	368.91	
265	352.46	370.23	
270	353.07	370.87	
275	352.81	370.60	
280	351.48	369.20	
285	348.87	366.46	
290	344.84	362.23	
295	339.26	356.38	
300	332.06	348.82	
305	323.23	339.55	
310	312.79	328.59	
315	300.84	316.05	
320	287.52	302.08	
325	273.02	286.86	
330	257.58	270.66	
335	241.45	253.74	
340	224.93	236.41	
345	208.31	218.98	
350	191.89	201.76	
355	175.96	185.05	