

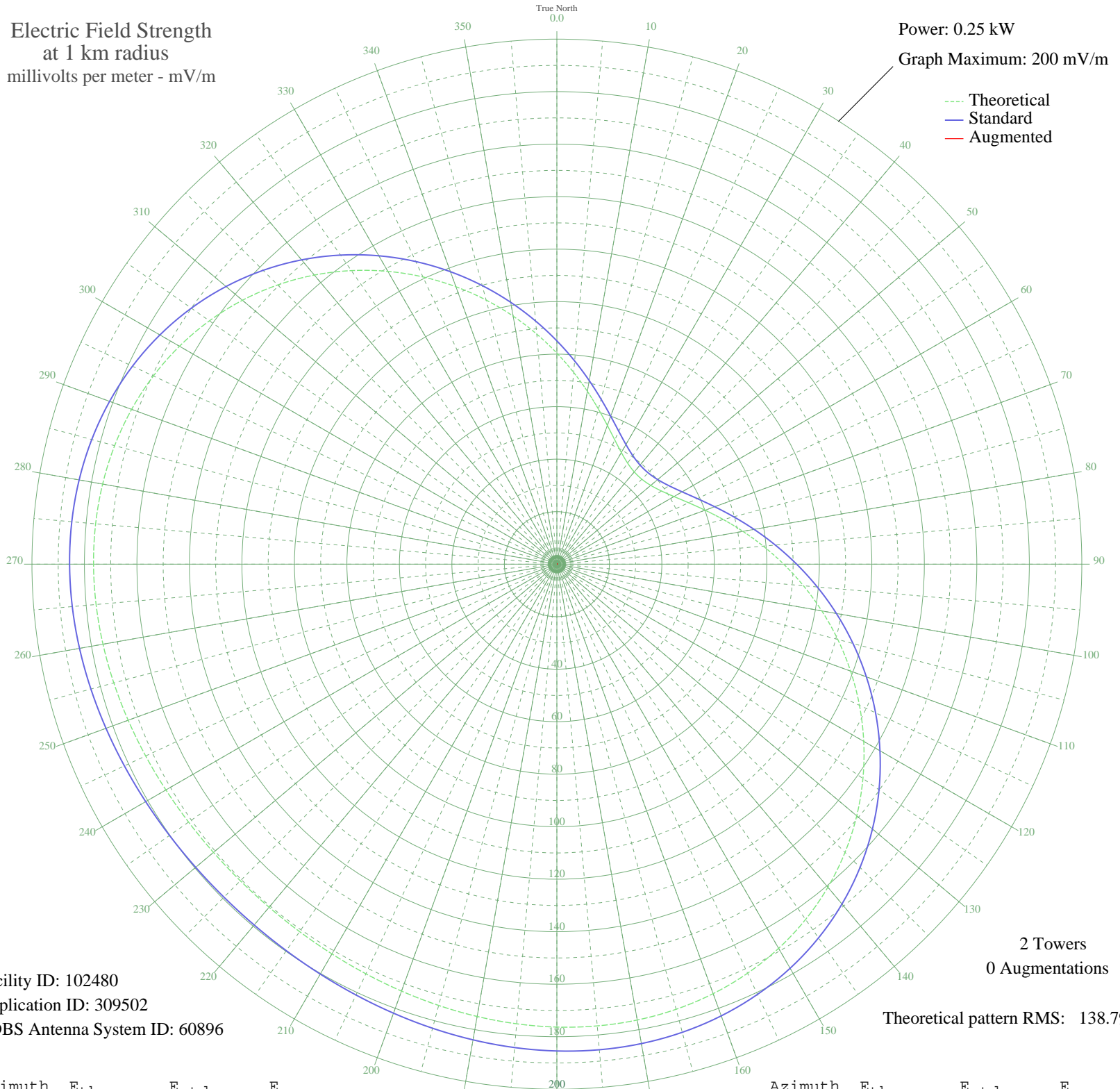
**- S BENTO SUL, - Brazil -- 1200 kHz**

**Nighttime**

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

Power: 0.25 kW  
Graph Maximum: 200 mV/m

--- Theoretical  
— Standard  
— Augmented



Facility ID: 102480  
Application ID: 309502  
CDBS Antenna System ID: 60896

2 Towers  
0 Augmentations

Theoretical pattern RMS: 138.79

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	80.40	85.07	
5	73.32	77.70	
10	66.88	71.00	
15	61.16	65.07	
20	56.25	59.98	
25	52.21	55.82	
30	49.12	52.63	
35	47.00	50.45	
40	45.88	49.30	
45	45.78	49.20	
50	46.69	50.14	
55	48.61	52.11	
60	51.52	55.10	
65	55.37	59.08	
70	60.11	63.98	
75	65.67	69.75	
80	71.98	76.31	
85	78.94	83.55	
90	86.43	91.35	
95	94.33	99.60	
100	102.50	108.14	
105	110.80	116.82	
110	119.09	125.48	
115	127.20	133.97	
120	135.00	142.14	
125	142.35	149.84	
130	149.14	156.95	
135	155.26	163.36	
140	160.63	168.99	
145	165.21	173.79	
150	168.97	177.73	
155	171.92	180.83	
160	174.09	183.10	
165	175.53	184.61	
170	176.32	185.43	
175	176.55	185.67	

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.

03 Jul 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	176.32	185.43	
185	175.75	184.83	
190	174.94	183.99	
195	174.01	183.01	
200	173.05	182.01	
205	172.16	181.08	
210	171.42	180.29	
215	170.88	179.73	
220	170.58	179.42	
225	170.55	179.39	
230	170.80	179.64	
235	171.29	180.16	
240	172.00	180.91	
245	172.87	181.81	
250	173.82	182.81	
255	174.76	183.80	
260	175.60	184.68	
265	176.23	185.34	
270	176.54	185.66	
275	176.41	185.52	
280	175.74	184.82	
285	174.44	183.46	
290	172.42	181.34	
295	169.63	178.42	
300	166.03	174.65	
305	161.61	170.02	
310	156.39	164.55	
315	150.42	158.29	
320	143.76	151.31	
325	136.51	143.72	
330	128.79	135.64	
335	120.73	127.20	
340	112.47	118.56	
345	104.16	109.87	
350	95.94	101.29	
355	87.98	92.97	