

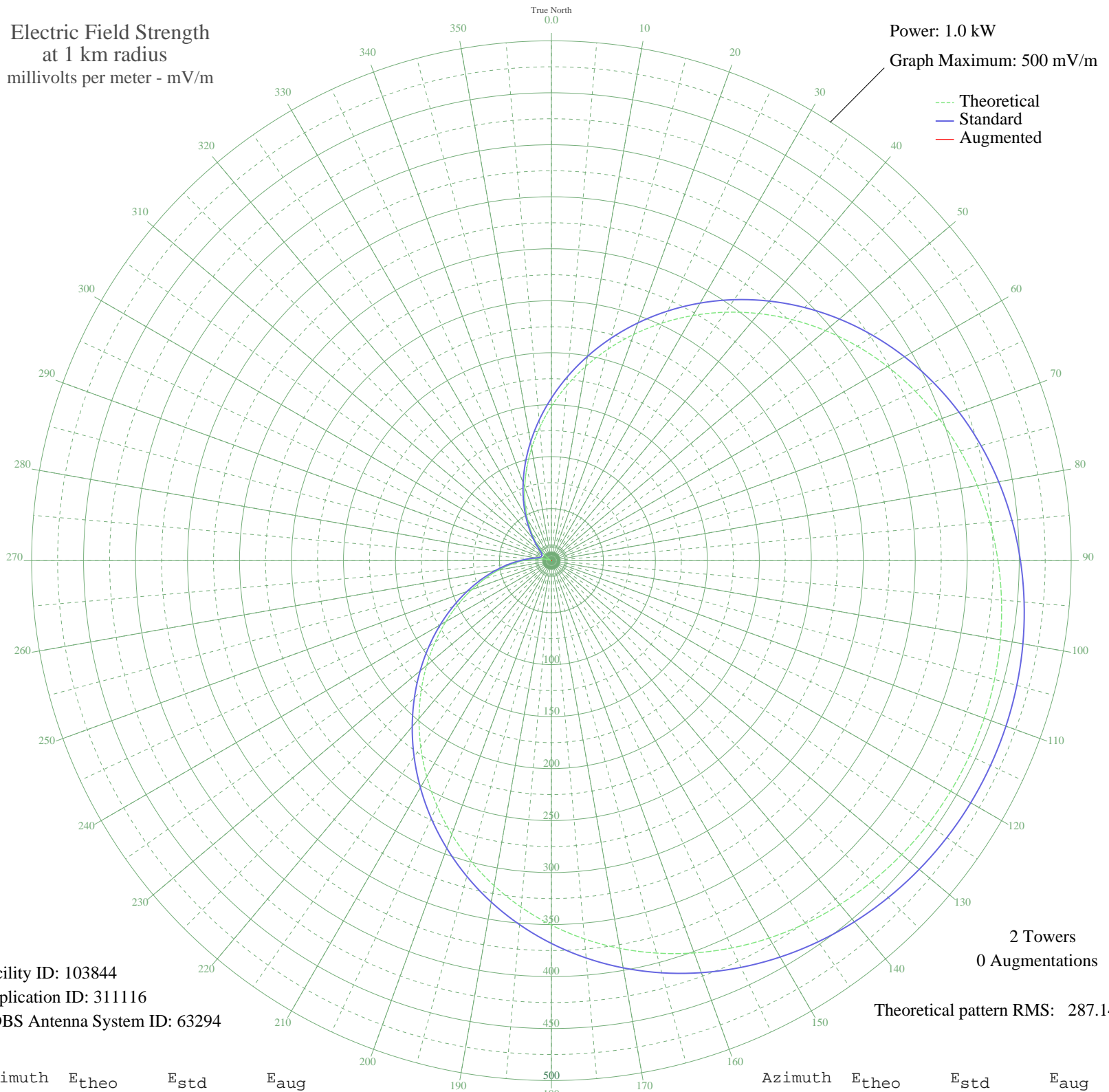
- SAO BORJA, - Brazil -- 1330 kHz

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: 103844
Application ID: 311116
CDBS Antenna System ID: 63294

2 Towers
0 Augmentations
Theoretical pattern RMS: 287.14

Azimuth	E _{theo}	E _{std}	E _{aug}
0	148.53	156.31	
5	168.94	177.69	
10	189.73	199.49	
15	210.68	221.46	
20	231.56	243.36	
25	252.15	264.97	
30	272.25	286.06	
35	291.67	306.43	
40	310.23	325.91	
45	327.79	344.34	
50	344.23	361.59	
55	359.45	377.57	
60	373.40	392.21	
65	386.03	405.47	
70	397.34	417.33	
75	407.31	427.81	
80	415.99	436.91	
85	423.40	444.69	
90	429.59	451.19	
95	434.61	456.46	
100	438.50	460.54	
105	441.30	463.48	
110	443.05	465.32	
115	443.76	466.07	
120	443.46	465.75	
125	442.12	464.35	
130	439.75	461.85	
135	436.30	458.23	
140	431.74	453.44	
145	426.02	447.44	
150	419.10	440.18	
155	410.94	431.61	
160	401.48	421.69	
165	390.71	410.38	
170	378.62	397.68	
175	365.19	383.59	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	350.47	368.14	
185	334.51	351.39	
190	317.38	333.42	
195	299.20	314.34	
200	280.11	294.31	
205	260.26	273.48	
210	239.84	252.05	
215	219.05	230.24	
220	198.10	208.27	
225	177.22	186.38	
230	156.63	164.80	
235	136.56	143.77	
240	117.23	123.53	
245	98.83	104.31	
250	81.58	86.30	
255	65.63	69.71	
260	51.16	54.73	
265	38.29	41.55	
270	27.14	30.37	
275	17.82	21.45	
280	10.39	15.14	
285	4.93	11.71	
290	1.47	10.61	
295	0.04	10.50	
300	0.65	10.52	
305	3.30	11.06	
310	7.97	13.43	
315	14.62	18.59	
320	23.19	26.52	
325	33.62	36.83	
330	45.81	49.23	
335	59.66	63.52	
340	75.03	79.48	
345	91.79	96.94	
350	109.75	115.71	
355	128.73	135.57	

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.

14 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission