

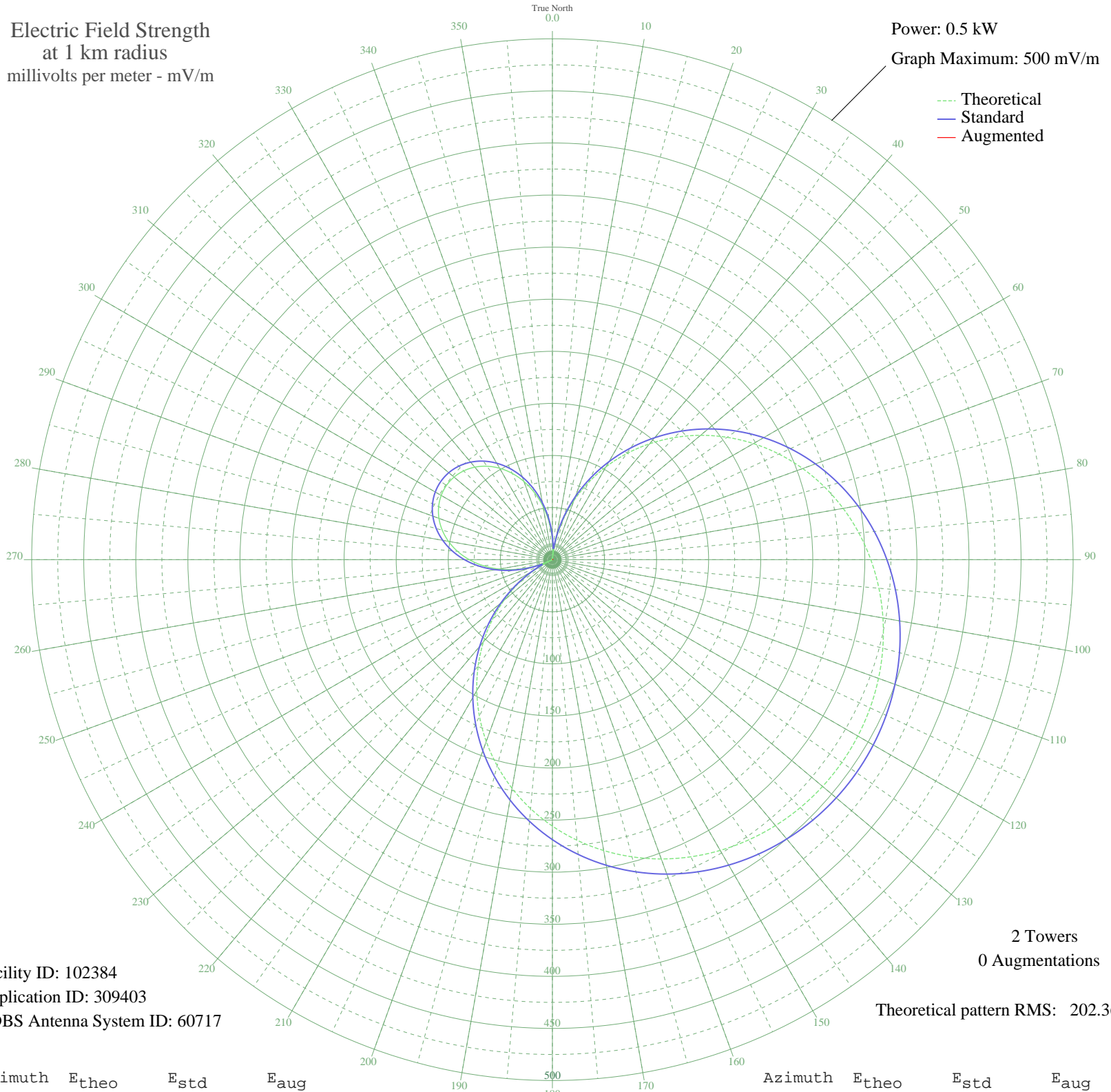
- JACINTO MACH, - Brazil -- 1190 kHz

Nighttime

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

Power: 0.5 kW
Graph Maximum: 500 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 102384
Application ID: 309403
CDBS Antenna System ID: 60717

2 Towers
0 Augmentations
Theoretical pattern RMS: 202.36

Azimuth	E _{theo}	E _{std}	E _{aug}
0	18.48	22.07	
5	0.00	10.50	
10	19.44	22.95	
15	39.65	42.94	
20	60.44	64.33	
25	81.61	86.33	
30	102.93	108.59	
35	124.21	130.84	
40	145.22	152.85	
45	165.78	174.39	
50	185.69	195.26	
55	204.79	215.29	
60	222.92	234.30	
65	239.95	252.17	
70	255.78	268.77	
75	270.32	284.03	
80	283.52	297.88	
85	295.33	310.28	
90	305.73	321.19	
95	314.72	330.62	
100	322.29	338.57	
105	328.46	345.04	
110	333.23	350.05	
115	336.63	353.62	
120	338.66	355.75	
125	339.34	356.46	
130	338.66	355.75	
135	336.63	353.62	
140	333.23	350.05	
145	328.46	345.04	
150	322.29	338.57	
155	314.72	330.62	
160	305.73	321.19	
165	295.33	310.28	
170	283.52	297.88	
175	270.32	284.03	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	255.78	268.77	
185	239.95	252.17	
190	222.92	234.30	
195	204.79	215.29	
200	185.69	195.26	
205	165.78	174.39	
210	145.22	152.85	
215	124.21	130.84	
220	102.93	108.59	
225	81.61	86.33	
230	60.44	64.33	
235	39.65	42.94	
240	19.44	22.95	
245	0.00	10.50	
250	18.48	22.07	
255	35.85	39.08	
260	51.94	55.54	
265	66.63	70.75	
270	79.82	84.47	
275	91.41	96.55	
280	101.33	106.91	
285	109.51	115.46	
290	115.92	122.17	
295	120.52	126.98	
300	123.28	129.87	
305	124.21	130.84	
310	123.28	129.87	
315	120.52	126.98	
320	115.92	122.17	
325	109.51	115.46	
330	101.33	106.91	
335	91.41	96.55	
340	79.82	84.47	
345	66.63	70.75	
350	51.94	55.54	
355	35.85	39.08	

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