

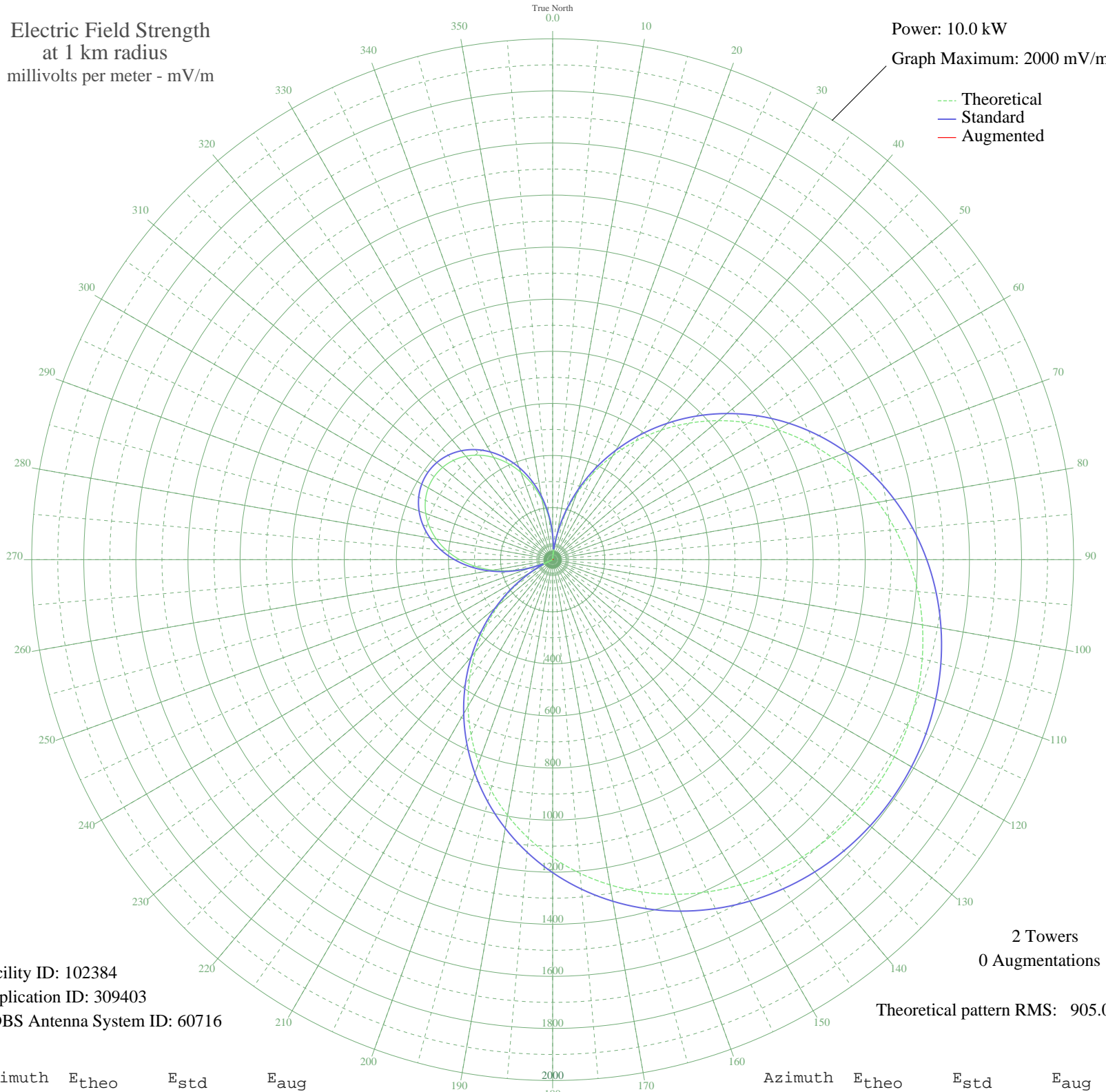
**- JACINTO MACH, - Brazil -- 1190 kHz**

Daytime

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

Power: 10.0 kW  
Graph Maximum: 2000 mV/m

--- Theoretical  
— Standard  
— Augmented



Facility ID: 102384  
Application ID: 309403  
CDBS Antenna System ID: 60716

2 Towers  
0 Augmentations

Theoretical pattern RMS: 905.00

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	82.66	95.50	
5	0.00	39.84	
10	86.93	99.59	
15	177.33	190.41	
20	270.31	286.61	
25	364.96	385.27	
30	460.33	484.99	
35	555.48	584.61	
40	649.47	683.11	
45	741.42	779.51	
50	830.47	872.90	
55	915.87	962.49	
60	996.94	1047.54	
65	1073.11	1127.47	
70	1143.90	1201.75	
75	1208.94	1270.01	
80	1267.97	1331.96	
85	1320.79	1387.40	
90	1367.32	1436.23	
95	1407.50	1478.41	
100	1441.36	1513.95	
105	1468.93	1542.90	
110	1490.29	1565.31	
115	1505.48	1581.26	
120	1514.58	1590.81	
125	1517.60	1593.98	
130	1514.58	1590.81	
135	1505.49	1581.26	
140	1490.29	1565.31	
145	1468.94	1542.90	
150	1441.36	1513.95	
155	1407.50	1478.41	
160	1367.32	1436.23	
165	1320.79	1387.40	
170	1267.97	1331.96	
175	1208.94	1270.02	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	1143.90	1201.76	
185	1073.11	1127.47	
190	996.94	1047.55	
195	915.87	962.49	
200	830.47	872.90	
205	741.42	779.51	
210	649.48	683.11	
215	555.48	584.61	
220	460.33	484.99	
225	364.96	385.27	
230	270.31	286.61	
235	177.33	190.41	
240	86.93	99.60	
245	0.00	39.84	
250	82.66	95.50	
255	160.31	172.97	
260	232.28	247.13	
265	298.00	315.43	
270	356.98	376.94	
275	408.81	431.10	
280	453.16	477.48	
285	489.75	515.78	
290	518.41	545.79	
295	538.97	567.32	
300	551.35	580.29	
305	555.48	584.62	
310	551.35	580.29	
315	538.97	567.32	
320	518.41	545.79	
325	489.75	515.78	
330	453.16	477.48	
335	408.81	431.10	
340	356.98	376.94	
345	298.00	315.43	
350	232.28	247.13	
355	160.31	172.97	

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