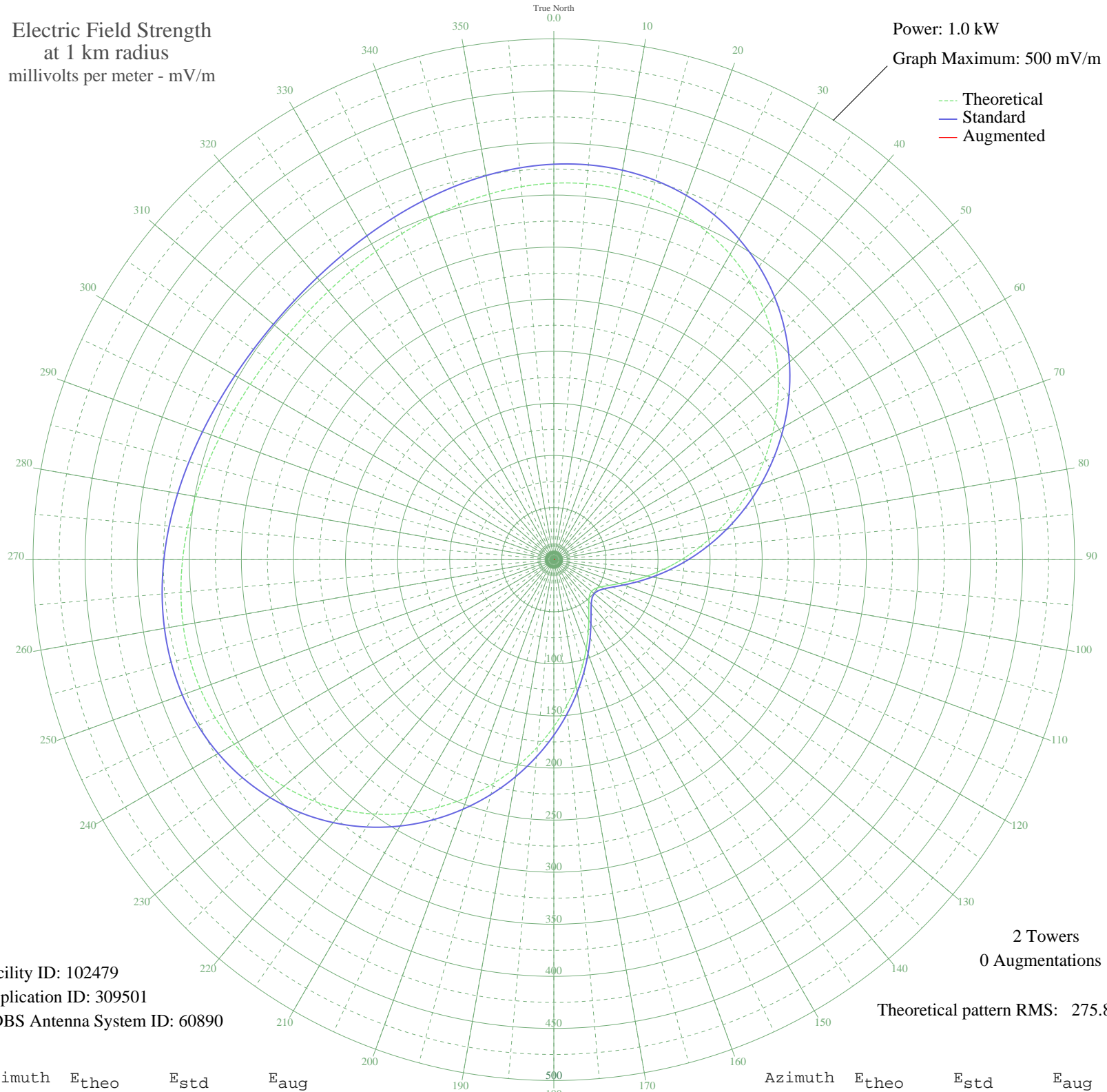


- PALMEIRA OES, - Brazil -- 1200 kHz

Daytime

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

Power: 1.0 kW  
Graph Maximum: 500 mV/m



Facility ID: 102479  
Application ID: 309501  
CDBS Antenna System ID: 60890

2 Towers  
0 Augmentations  
Theoretical pattern RMS: 275.89

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	361.41	379.62	
5	362.18	380.43	
10	361.41	379.62	
15	358.82	376.91	
20	354.21	372.07	
25	347.42	364.95	
30	338.39	355.46	
35	327.11	343.62	
40	313.66	329.51	
45	298.21	313.30	
50	281.00	295.24	
55	262.33	275.65	
60	242.55	254.90	
65	222.05	233.38	
70	201.22	211.54	
75	180.47	189.79	
80	160.21	168.55	
85	140.80	148.21	
90	122.58	129.14	
95	105.86	111.65	
100	90.89	96.01	
105	77.89	82.46	
110	67.03	71.17	
115	58.46	62.28	
120	52.27	55.88	
125	48.53	52.02	
130	47.27	50.74	
135	48.53	52.02	
140	52.27	55.88	
145	58.46	62.28	
150	67.03	71.17	
155	77.89	82.46	
160	90.89	96.01	
165	105.86	111.65	
170	122.58	129.14	
175	140.80	148.21	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	160.21	168.55	
185	180.47	189.79	
190	201.22	211.54	
195	222.05	233.38	
200	242.55	254.90	
205	262.33	275.65	
210	281.00	295.24	
215	298.21	313.30	
220	313.66	329.51	
225	327.11	343.62	
230	338.39	355.46	
235	347.42	364.95	
240	354.21	372.07	
245	358.82	376.91	
250	361.41	379.62	
255	362.18	380.43	
260	361.41	379.62	
265	359.39	377.50	
270	356.44	374.41	
275	352.89	370.68	
280	349.07	366.67	
285	345.26	362.68	
290	341.76	359.00	
295	338.78	355.87	
300	336.51	353.49	
305	335.09	352.00	
310	334.61	351.50	
315	335.09	352.00	
320	336.51	353.49	
325	338.78	355.87	
330	341.76	359.00	
335	345.26	362.68	
340	349.07	366.67	
345	352.89	370.68	
350	356.44	374.41	
355	359.39	377.50	

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