

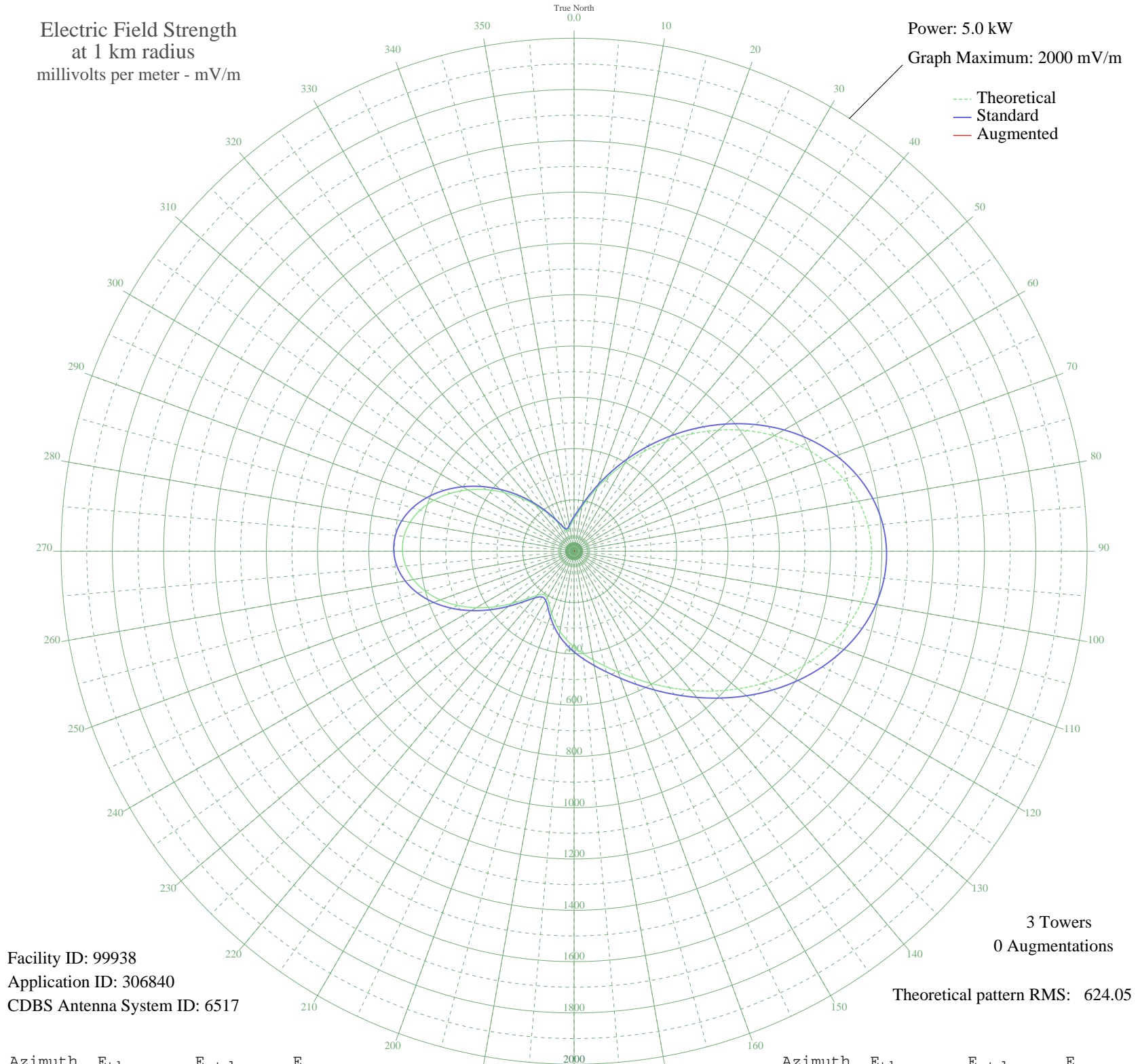
**- SALVADOR, - Brazil -- 800 kHz**

**Nighttime**

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

Power: 5.0 kW  
Graph Maximum: 2000 mV/m

--- Theoretical  
— Standard  
— Augmented



Facility ID: 99938  
Application ID: 306840  
CDBS Antenna System ID: 6517

3 Towers  
0 Augmentations

Theoretical pattern RMS: 624.05

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	126.60	134.98	
5	146.75	155.86	
10	174.55	184.77	
15	212.84	224.71	
20	262.81	276.95	
25	324.07	341.08	
30	395.19	415.62	
35	474.20	498.47	
40	558.77	587.17	
45	646.34	679.07	
50	734.26	771.34	
55	819.81	861.12	
60	900.30	945.61	
65	973.23	1022.16	
70	1036.33	1088.40	
75	1087.73	1142.36	
80	1125.98	1182.51	
85	1150.17	1207.90	
90	1159.92	1218.14	
95	1155.43	1213.43	
100	1137.44	1194.54	
105	1107.13	1162.72	
110	1066.09	1119.64	
115	1016.22	1067.29	
120	959.57	1007.83	
125	898.33	943.54	
130	834.64	876.69	
135	770.59	809.46	
140	708.08	743.85	
145	648.78	681.62	
150	594.02	624.17	
155	544.73	572.45	
160	501.29	526.88	
165	463.47	487.21	
170	430.44	452.57	
175	400.88	421.58	

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	373.17	392.53	
185	345.71	363.76	
190	317.29	333.98	
195	287.46	302.74	
200	257.09	270.96	
205	229.13	241.73	
210	209.44	221.16	
215	206.15	217.73	
220	224.95	237.36	
225	264.24	278.44	
230	317.52	334.22	
235	378.08	397.68	
240	440.52	463.14	
245	500.62	526.17	
250	554.97	583.19	
255	600.83	631.31	
260	636.05	668.27	
265	659.10	692.45	
270	669.06	702.90	
275	665.66	699.34	
280	649.24	682.10	
285	620.69	652.15	
290	581.41	610.93	
295	533.16	560.31	
300	478.00	502.45	
305	418.19	439.72	
310	356.06	374.60	
315	294.01	309.60	
320	234.51	247.35	
325	180.17	190.63	
330	134.18	142.83	
335	100.83	108.45	
340	84.87	92.15	
345	85.98	93.28	
350	96.66	104.17	
355	110.62	118.50	