

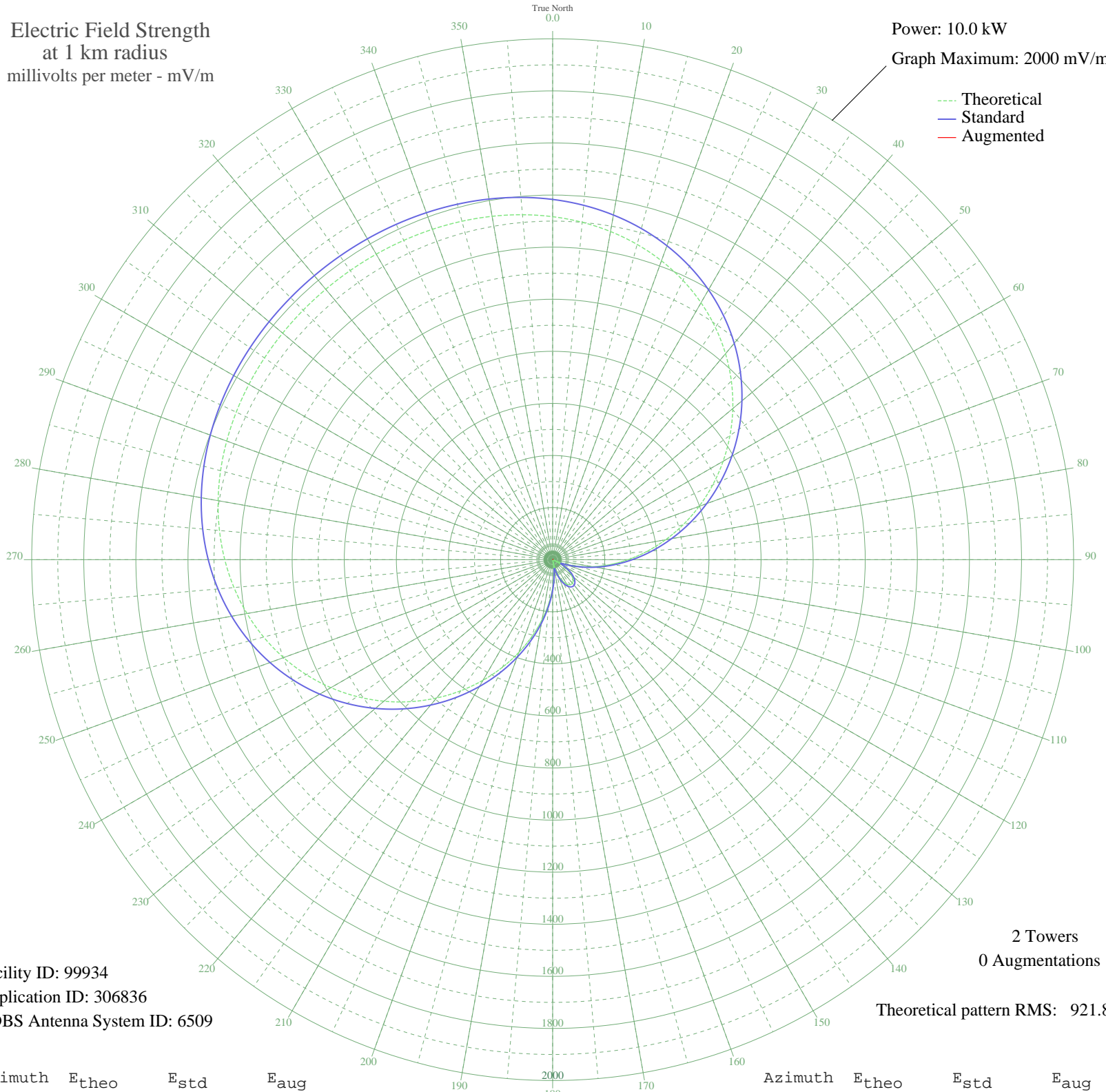
- MANAUS, - Brazil -- 800 kHz

Nighttime

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: 99934
Application ID: 306836
CDBS Antenna System ID: 6509

2 Towers
0 Augmentations

Theoretical pattern RMS: 921.81

Azimuth	E _{theo}	E _{std}	E _{aug}
0	1317.01	1383.26	
5	1300.52	1365.94	
10	1279.43	1343.81	
15	1253.18	1316.26	
20	1221.28	1282.78	
25	1183.37	1242.98	
30	1139.23	1196.66	
35	1088.85	1143.77	
40	1032.37	1084.50	
45	970.17	1019.22	
50	902.80	948.53	
55	831.00	873.18	
60	755.65	794.13	
65	677.77	712.43	
70	598.45	629.25	
75	518.85	545.81	
80	440.13	463.33	
85	363.40	383.01	
90	289.74	306.03	
95	220.11	233.49	
100	155.40	166.52	
105	96.36	106.49	
110	43.63	56.58	
115	2.26	33.29	
120	40.92	54.30	
125	72.01	82.58	
130	95.30	105.43	
135	110.65	120.83	
140	117.93	128.21	
145	117.12	127.38	
150	108.22	118.38	
155	91.28	101.43	
160	66.41	77.23	
165	33.78	48.59	
170	6.35	33.87	
175	53.65	65.39	

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 _{theo}	E _{std}	E _{aug}
180	107.69	117.84	
185	167.91	179.41	
190	233.67	247.59	
195	304.18	321.11	
200	378.53	398.85	
205	455.75	479.69	
210	534.74	562.46	
215	614.37	645.95	
220	693.49	728.92	
225	770.96	810.18	
230	845.67	888.58	
235	916.66	963.06	
240	983.05	1032.73	
245	1044.14	1096.85	
250	1099.42	1154.87	
255	1148.56	1206.45	
260	1191.45	1251.46	
265	1228.13	1289.97	
270	1258.87	1322.23	
275	1284.04	1348.65	
280	1304.16	1369.77	
285	1319.82	1386.21	
290	1331.65	1398.63	
295	1340.31	1407.71	
300	1346.42	1414.13	
305	1350.54	1418.46	
310	1353.17	1421.22	
315	1354.69	1422.81	
320	1355.35	1423.51	
325	1355.28	1423.43	
330	1354.46	1422.57	
335	1352.75	1420.77	
340	1349.85	1417.73	
345	1345.37	1413.03	
350	1338.80	1406.13	
355	1329.56	1396.43	