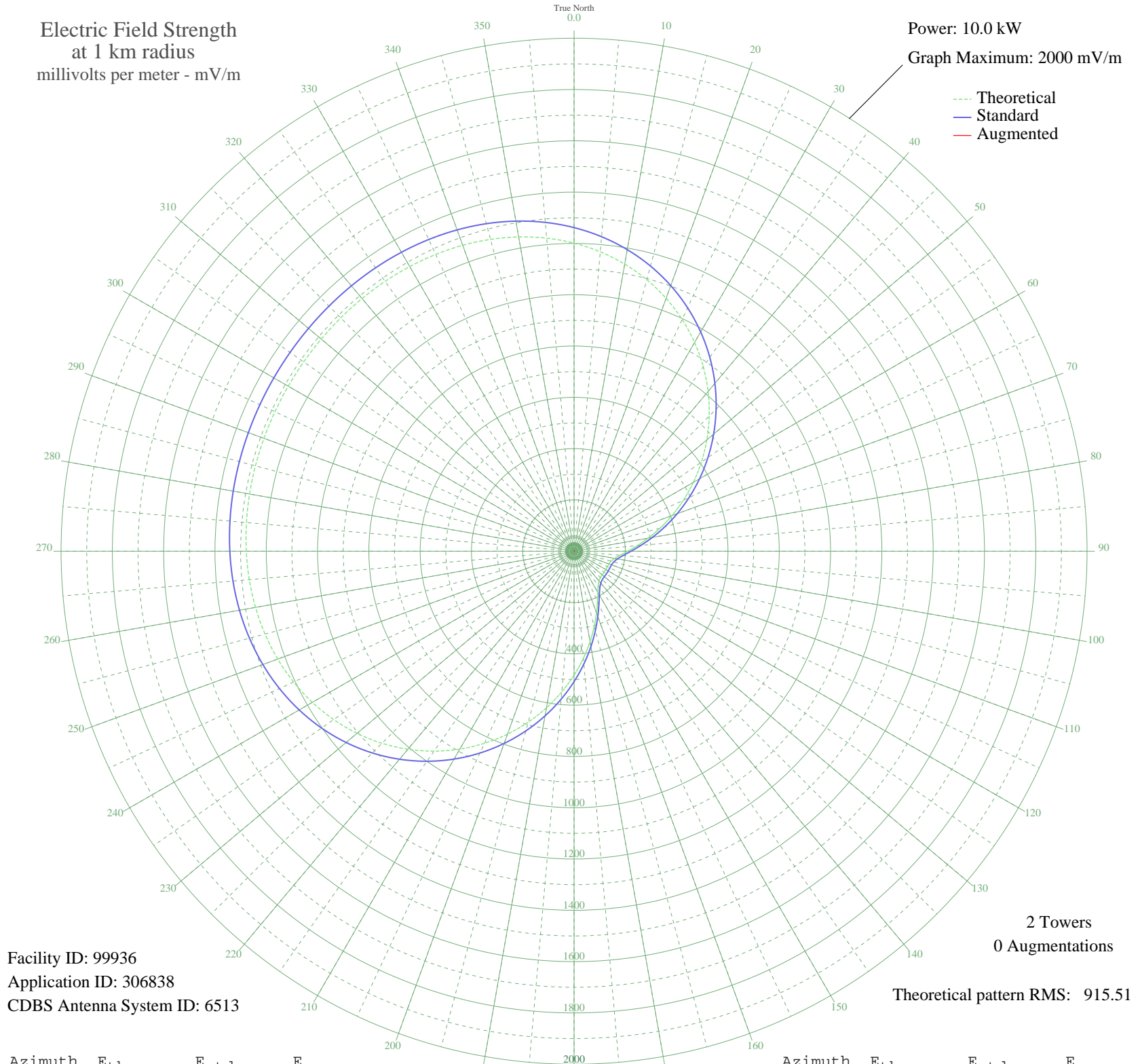


**- RIO BRANCO, - Brazil -- 800 kHz**

**Nighttime**

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

Power: 10.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 99936  
Application ID: 306838  
CDBS Antenna System ID: 6513

2 Towers  
0 Augmentations  
Theoretical pattern RMS: 915.51

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1201.21	1261.70	
5	1171.80	1230.84	
10	1136.68	1193.97	
15	1095.74	1151.00	
20	1049.04	1102.00	
25	996.87	1047.24	
30	939.66	987.20	
35	878.07	922.57	
40	812.91	854.20	
45	745.11	783.07	
50	675.75	710.32	
55	605.97	637.13	
60	536.96	564.79	
65	469.95	494.57	
70	406.19	427.79	
75	346.92	365.78	
80	293.43	309.89	
85	247.00	261.46	
90	208.87	221.81	
95	179.99	191.89	
100	160.58	171.85	
105	149.56	160.51	
110	144.65	155.47	
115	143.17	153.96	
120	142.98	153.76	
125	142.99	153.76	
130	143.31	154.10	
135	145.28	156.11	
140	151.19	162.18	
145	163.74	175.10	
150	185.00	197.07	
155	215.78	228.98	
160	255.66	270.49	
165	303.60	320.51	
170	358.36	377.74	
175	418.62	440.81	

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.

06 Nov 2009  
Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	483.14	508.38	
185	550.64	579.13	
190	619.90	651.75	
195	689.70	724.94	
200	758.83	797.46	
205	826.18	868.13	
210	890.70	935.83	
215	951.48	999.60	
220	1007.72	1058.63	
225	1058.83	1112.27	
230	1104.39	1160.08	
235	1144.17	1201.83	
240	1178.13	1237.48	
245	1206.42	1267.18	
250	1229.36	1291.26	
255	1247.38	1310.17	
260	1261.04	1324.51	
265	1270.95	1334.91	
270	1277.77	1342.07	
275	1282.15	1346.67	
280	1284.73	1349.38	
285	1286.06	1350.77	
290	1286.62	1351.36	
295	1286.79	1351.53	
300	1286.81	1351.56	
305	1286.81	1351.56	
310	1286.77	1351.52	
315	1286.55	1351.29	
320	1285.87	1350.57	
325	1284.33	1348.96	
330	1281.44	1345.92	
335	1276.62	1340.86	
340	1269.23	1333.11	
345	1258.63	1321.97	
350	1244.15	1306.77	
355	1225.18	1286.87	