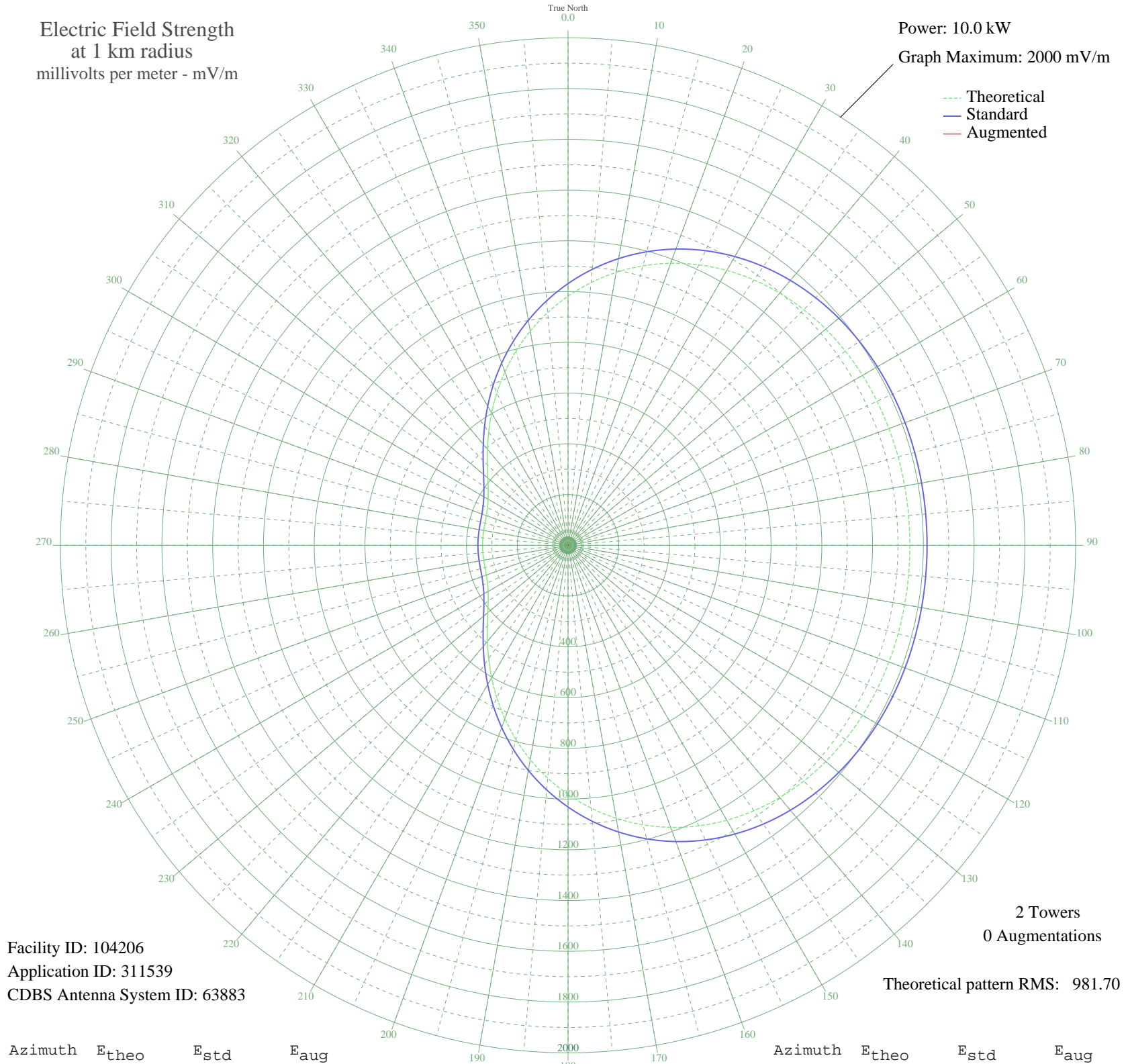


# CJCB SYDNEY, NS Canada -- 1270 kHz

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: 104206  
Application ID: 311539  
CDBS Antenna System ID: 63883

2 Towers  
0 Augmentations

Theoretical pattern RMS: 981.70

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	981.70	1031.32	
5	1039.13	1091.59	
10	1092.16	1147.25	
15	1140.18	1197.65	
20	1182.76	1242.34	
25	1219.71	1281.12	
30	1251.01	1313.98	
35	1276.85	1341.11	
40	1297.58	1362.86	
45	1313.65	1379.73	
50	1325.64	1392.31	
55	1334.17	1401.27	
60	1339.90	1407.29	
65	1343.46	1411.03	
70	1345.46	1413.13	
75	1346.43	1414.14	
80	1346.79	1414.52	
85	1346.88	1414.61	
90	1346.88	1414.61	
95	1346.88	1414.61	
100	1346.79	1414.52	
105	1346.43	1414.14	
110	1345.46	1413.13	
115	1343.46	1411.03	
120	1339.90	1407.29	
125	1334.17	1401.27	
130	1325.64	1392.31	
135	1313.65	1379.73	
140	1297.58	1362.86	
145	1276.85	1341.11	
150	1251.01	1313.98	
155	1219.71	1281.12	
160	1182.76	1242.34	
165	1140.18	1197.65	
170	1092.16	1147.25	
175	1039.13	1091.59	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	981.70	1031.32	
185	920.70	967.30	
190	857.12	900.59	
195	792.13	832.40	
200	727.01	764.09	
205	663.16	697.11	
210	602.03	633.01	
215	545.08	573.30	
220	493.73	519.48	
225	449.22	472.85	
230	412.50	434.40	
235	384.01	404.57	
240	363.51	383.13	
245	350.10	369.11	
250	342.33	360.98	
255	338.52	357.00	
260	337.08	355.49	
265	336.74	355.14	
270	336.72	355.11	
275	336.74	355.14	
280	337.08	355.49	
285	338.52	357.00	
290	342.33	360.98	
295	350.10	369.11	
300	363.51	383.13	
305	384.01	404.57	
310	412.50	434.40	
315	449.22	472.85	
320	493.73	519.48	
325	545.08	573.30	
330	602.03	633.01	
335	663.17	697.12	
340	727.01	764.09	
345	792.13	832.40	
350	857.12	900.59	
355	920.70	967.30	

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.

23 Oct 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission