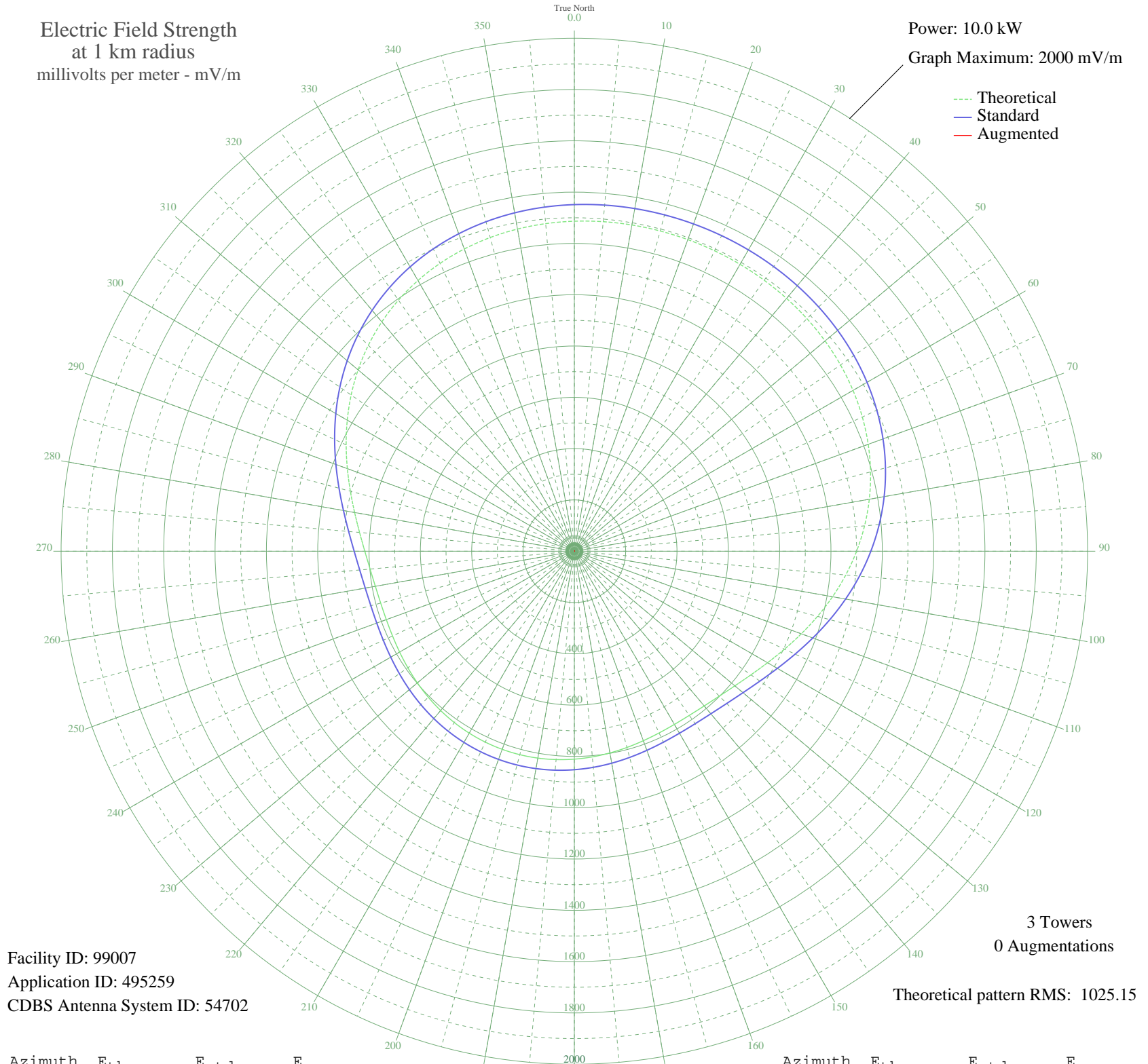


# CKCH HULL, QC Canada -- 970 kHz

Daytime

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

Power: 10.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 99007  
Application ID: 495259  
CDBS Antenna System ID: 54702

3 Towers  
0 Augmentations  
Theoretical pattern RMS: 1025.15

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1286.62	1351.36	
5	1289.66	1354.55	
10	1291.54	1356.52	
15	1292.53	1357.57	
20	1292.85	1357.89	
25	1292.53	1357.57	
30	1291.54	1356.52	
35	1289.66	1354.55	
40	1286.62	1351.36	
45	1282.01	1346.52	
50	1275.37	1339.55	
55	1266.20	1329.93	
60	1253.99	1317.11	
65	1238.27	1300.61	
70	1218.68	1280.05	
75	1194.98	1255.17	
80	1167.12	1225.93	
85	1135.30	1192.52	
90	1099.94	1155.41	
95	1061.76	1115.34	
100	1021.75	1073.35	
105	981.10	1030.69	
110	941.21	988.83	
115	903.52	949.28	
120	869.43	913.51	
125	840.14	882.77	
130	816.51	857.98	
135	798.94	839.54	
140	787.35	827.38	
145	781.21	820.94	
150	779.67	819.32	
155	781.66	821.42	
160	786.11	826.09	
165	792.01	832.28	
170	798.49	839.07	
175	804.87	845.76	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	810.62	851.80	
185	815.40	856.81	
190	818.95	860.54	
195	821.13	862.83	
200	821.87	863.60	
205	821.13	862.83	
210	818.95	860.54	
215	815.40	856.81	
220	810.62	851.80	
225	804.87	845.76	
230	798.49	839.07	
235	792.01	832.28	
240	786.11	826.09	
245	781.66	821.42	
250	779.67	819.32	
255	781.21	820.94	
260	787.35	827.38	
265	798.94	839.54	
270	816.51	857.98	
275	840.14	882.77	
280	869.43	913.51	
285	903.52	949.28	
290	941.21	988.83	
295	981.10	1030.69	
300	1021.75	1073.35	
305	1061.76	1115.34	
310	1099.94	1155.41	
315	1135.30	1192.52	
320	1167.12	1225.93	
325	1194.98	1255.17	
330	1218.68	1280.05	
335	1238.27	1300.61	
340	1253.99	1317.11	
345	1266.20	1329.93	
350	1275.37	1339.55	
355	1282.01	1346.52	

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