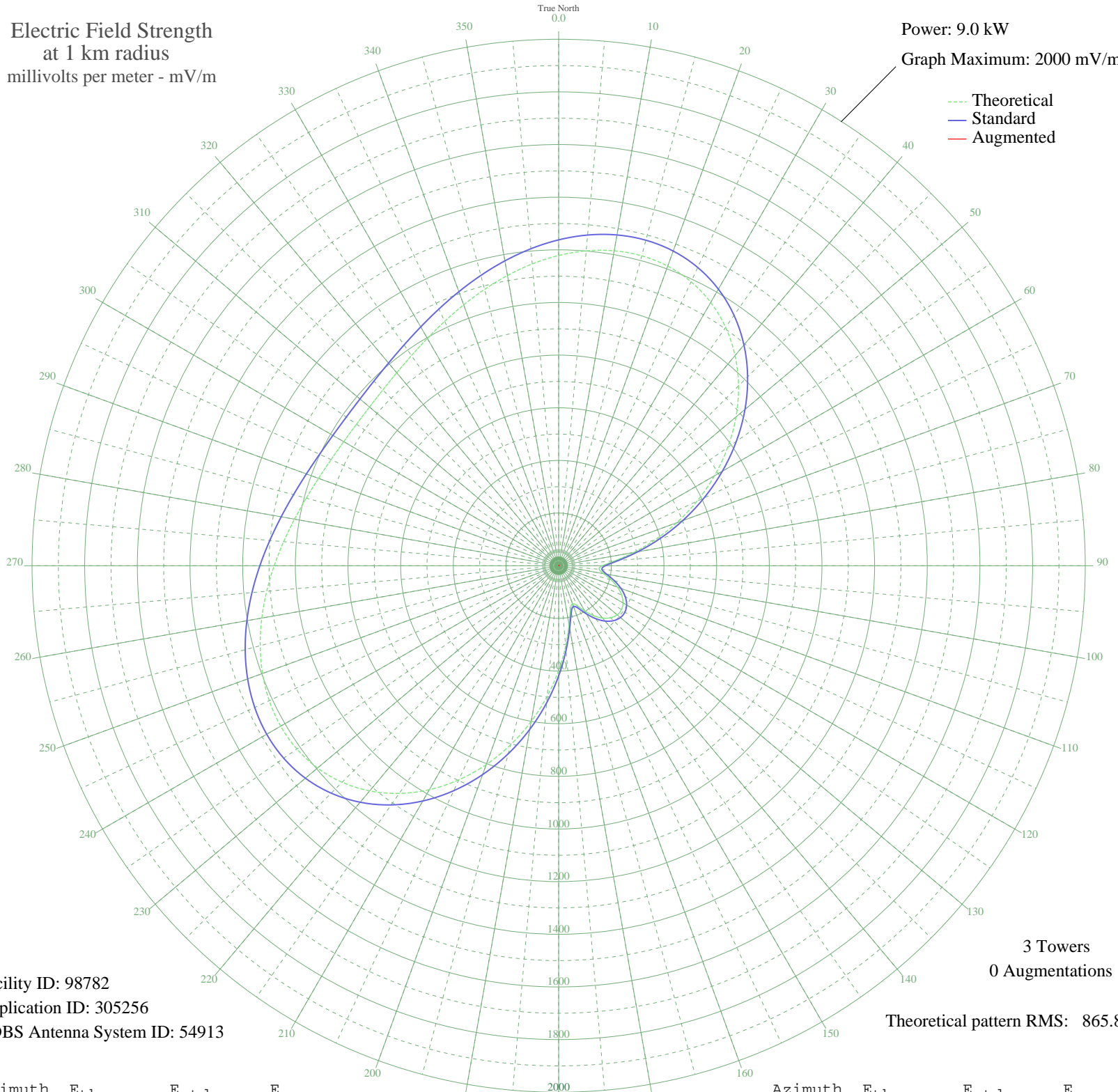


# CISL RICHMOND, BC Canada -- 650 kHz

Nighttime

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

Power: 9.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 98782  
Application ID: 305256  
CDBS Antenna System ID: 54913

3 Towers  
0 Augmentations

Theoretical pattern RMS: 865.80

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1178.53	1237.86	
5	1200.59	1261.01	
10	1214.73	1275.86	
15	1218.87	1280.20	
20	1211.14	1272.09	
25	1190.15	1250.06	
30	1155.02	1213.18	
35	1105.54	1161.25	
40	1042.20	1094.76	
45	966.19	1014.98	
50	879.33	923.83	
55	784.01	823.81	
60	683.02	717.86	
65	579.46	609.25	
70	476.68	501.51	
75	378.34	398.50	
80	288.86	304.93	
85	214.66	227.58	
90	166.16	177.29	
95	154.22	164.97	
100	173.54	184.92	
105	205.69	218.26	
110	237.84	251.71	
115	264.20	279.19	
120	282.28	298.07	
125	291.03	307.20	
130	290.05	306.18	
135	279.39	295.05	
140	259.54	274.33	
145	231.76	245.37	
150	198.98	211.29	
155	168.08	179.27	
160	153.60	164.33	
165	173.17	184.54	
170	227.84	241.30	
175	305.78	322.61	

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.

20 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	397.46	418.52	
185	497.01	522.81	
190	600.22	631.02	
195	703.52	739.37	
200	803.62	844.39	
205	897.46	942.86	
210	982.32	1031.92	
215	1055.93	1109.17	
220	1116.57	1172.82	
225	1163.20	1221.76	
230	1195.46	1255.63	
235	1213.71	1274.79	
240	1218.93	1280.27	
245	1212.64	1273.66	
250	1196.74	1256.97	
255	1173.37	1232.44	
260	1144.75	1202.40	
265	1113.08	1169.15	
270	1080.35	1134.81	
275	1048.37	1101.24	
280	1018.64	1070.04	
285	992.38	1042.48	
290	970.52	1019.54	
295	953.75	1001.94	
300	942.54	990.17	
305	937.17	984.53	
310	937.77	985.16	
315	944.32	992.04	
320	956.68	1005.00	
325	974.51	1023.72	
330	997.31	1047.65	
335	1024.35	1076.03	
340	1054.63	1107.81	
345	1086.89	1141.67	
350	1119.56	1175.96	
355	1150.79	1208.74	