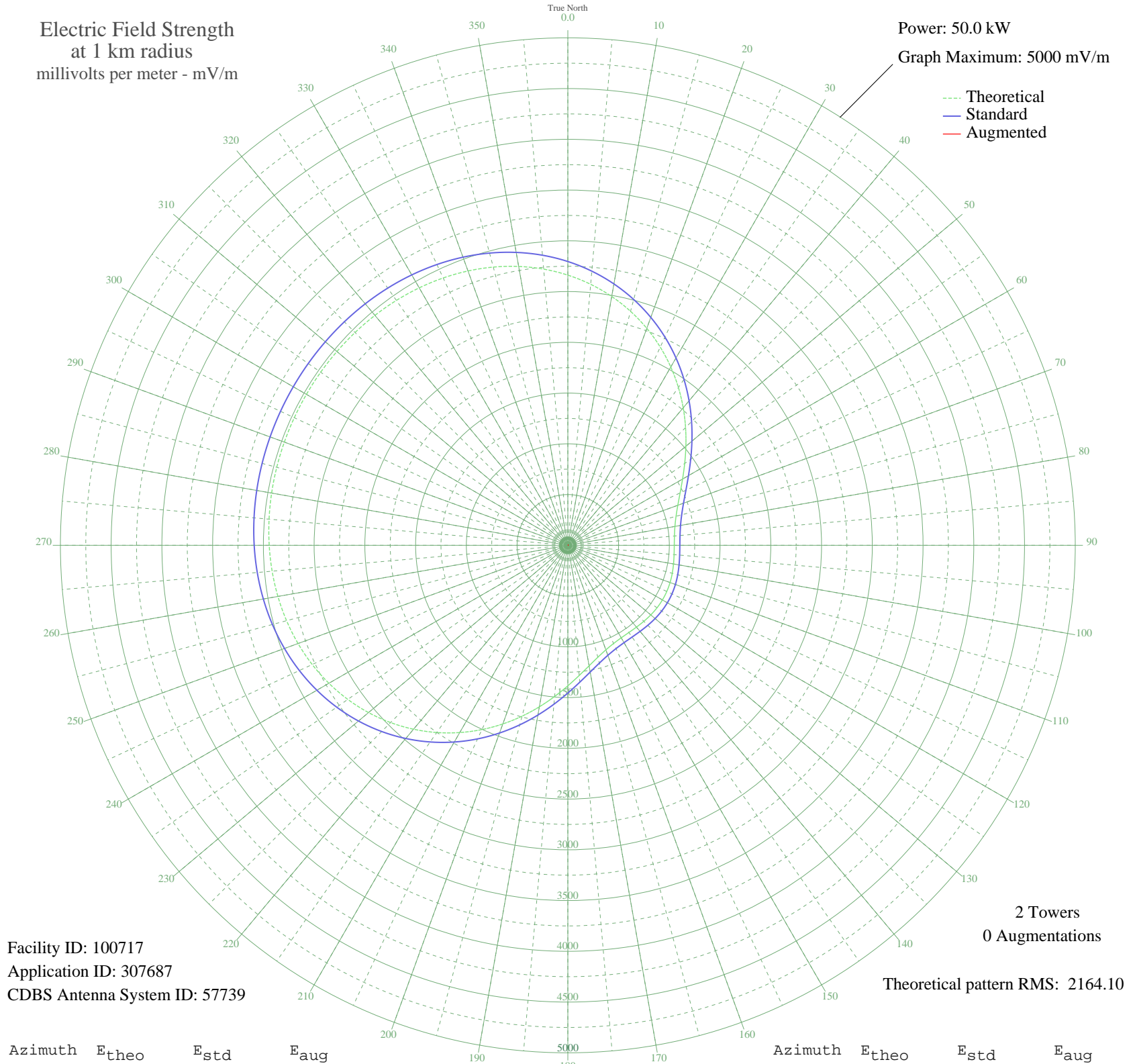


CKWX VANCOUVER, BC Canada -- 1130 kHz

Nighttime

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

Power: 50.0 kW
Graph Maximum: 5000 mV/m



Facility ID: 100717
Application ID: 307687
CDBS Antenna System ID: 57739

2 Towers
0 Augmentations
Theoretical pattern RMS: 2164.10

Azimuth	E _{theo}	E _{std}	E _{aug}
0	2662.05	2796.14	
5	2581.34	2711.42	
10	2489.46	2614.98	
15	2386.97	2507.42	
20	2274.93	2389.83	
25	2154.85	2263.81	
30	2028.74	2131.47	
35	1899.04	1995.37	
40	1768.59	1858.50	
45	1640.57	1724.20	
50	1518.40	1596.05	
55	1405.55	1477.69	
60	1305.32	1372.60	
65	1220.56	1283.74	
70	1153.18	1213.12	
75	1103.84	1161.41	
80	1071.66	1127.69	
85	1054.37	1109.57	
90	1048.68	1103.61	
95	1050.89	1105.93	
100	1057.43	1112.78	
105	1065.22	1120.94	
110	1071.89	1127.93	
115	1075.83	1132.06	
120	1076.20	1132.45	
125	1072.93	1129.02	
130	1066.70	1122.50	
135	1058.97	1114.40	
140	1051.96	1107.05	
145	1048.61	1103.54	
150	1052.42	1107.53	
155	1067.11	1122.92	
160	1096.09	1153.28	
165	1141.88	1201.27	
170	1205.65	1268.11	
175	1287.06	1353.45	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	1384.39	1455.51	
185	1494.98	1571.48	
190	1615.56	1697.96	
195	1742.68	1831.32	
200	1872.91	1967.95	
205	2003.00	2104.46	
210	2130.04	2237.78	
215	2251.50	2365.24	
220	2365.29	2484.66	
225	2469.78	2594.33	
230	2563.84	2693.06	
235	2646.81	2780.15	
240	2718.48	2855.37	
245	2779.04	2918.93	
250	2829.03	2971.41	
255	2869.29	3013.67	
260	2900.85	3046.80	
265	2924.89	3072.03	
270	2942.61	3090.64	
275	2955.23	3103.87	
280	2963.83	3112.91	
285	2969.40	3118.75	
290	2972.69	3122.21	
295	2974.26	3123.86	
300	2974.40	3124.00	
305	2973.13	3122.67	
310	2970.22	3119.61	
315	2965.16	3114.30	
320	2957.23	3105.98	
325	2945.51	3093.67	
330	2928.90	3076.24	
335	2906.22	3052.44	
340	2876.26	3020.99	
345	2837.83	2980.65	
350	2789.86	2930.29	
355	2731.47	2869.00	

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.

13 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission