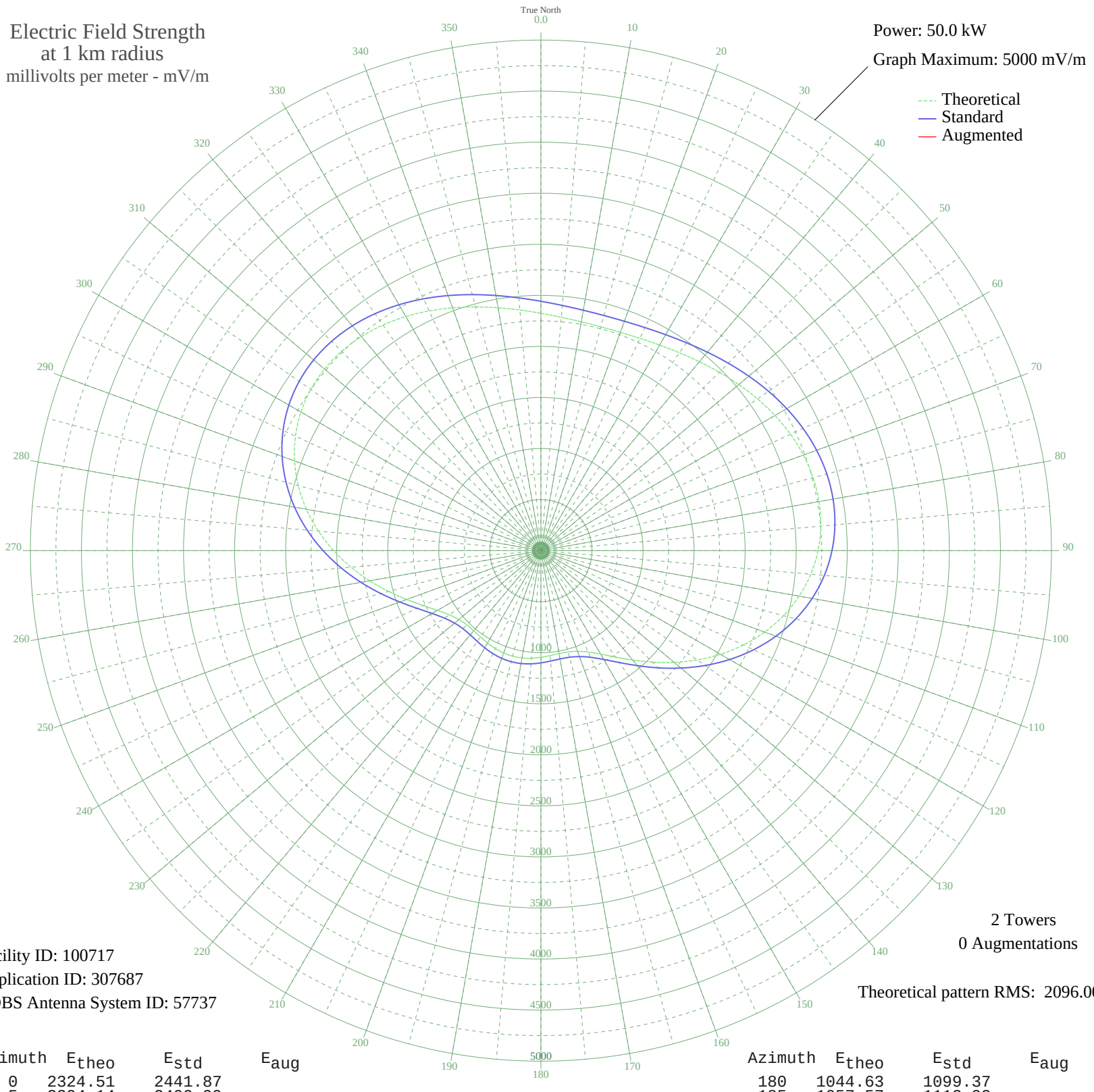
CKWX VANCOUVER, BC Canada -- 1130 kHz

Daytime

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



Power: 50.0 kW

Graph Maximum: 5000 mV/m

Theoretical
Standard
Augmented

2 Towers
0 Augmentations

Facility ID: 100717
Application ID: 307687
CDBS Antenna System ID: 57737

Theoretical pattern RMS: 2096.00

Azimuth	E_{theo}	E_{std}	E_{aug}
0	2324.51	2441.87	
5	2294.14	2409.99	
10	2275.43	2390.36	
15	2269.12	2383.73	
20	2275.43	2390.36	
25	2294.14	2409.99	
30	2324.51	2441.87	
35	2365.31	2484.69	
40	2414.80	2536.63	
45	2470.70	2595.30	
50	2530.24	2657.79	
55	2590.19	2720.71	
60	2646.95	2780.29	
65	2696.70	2832.51	
70	2735.57	2873.31	
75	2759.80	2898.74	
80	2766.02	2905.27	
85	2751.43	2889.96	
90	2714.01	2850.68	
95	2652.72	2786.34	
100	2567.60	2697.00	
105	2459.88	2583.94	
110	2331.94	2449.66	
115	2187.29	2297.86	
120	2030.48	2133.30	
125	1866.91	1961.66	
130	1702.69	1789.37	
135	1544.40	1623.32	
140	1398.80	1470.61	
145	1272.32	1338.00	
150	1170.32	1231.08	
155	1096.00	1153.20	
160	1049.43	1104.40	
165	1027.27	1081.19	
170	1023.63	1077.37	
175	1031.57	1085.69	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	1044.63	1099.37	
185	1057.57	1112.93	
190	1066.76	1122.55	
195	1070.05	1126.00	
200	1066.76	1122.55	
205	1057.57	1112.93	
210	1044.63	1099.37	
215	1031.57	1085.69	
220	1023.63	1077.37	
225	1027.27	1081.19	
230	1049.43	1104.40	
235	1096.00	1153.20	
240	1170.32	1231.08	
245	1272.32	1338.00	
250	1398.80	1470.61	
255	1544.40	1623.32	
260	1702.69	1789.37	
265	1866.91	1961.66	
270	2030.48	2133.30	
275	2187.29	2297.86	
280	2331.94	2449.66	
285	2459.88	2583.94	
290	2567.60	2697.00	
295	2652.72	2786.34	
300	2714.01	2850.68	
305	2751.43	2889.96	
310	2766.02	2905.27	
315	2759.80	2898.74	
320	2735.57	2873.31	
325	2696.70	2832.51	
330	2646.95	2780.29	
335	2590.19	2720.71	
340	2530.24	2657.79	
345	2470.70	2595.30	
350	2414.80	2536.63	
355	2365.31	2484.69	

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.

03 Jul 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission