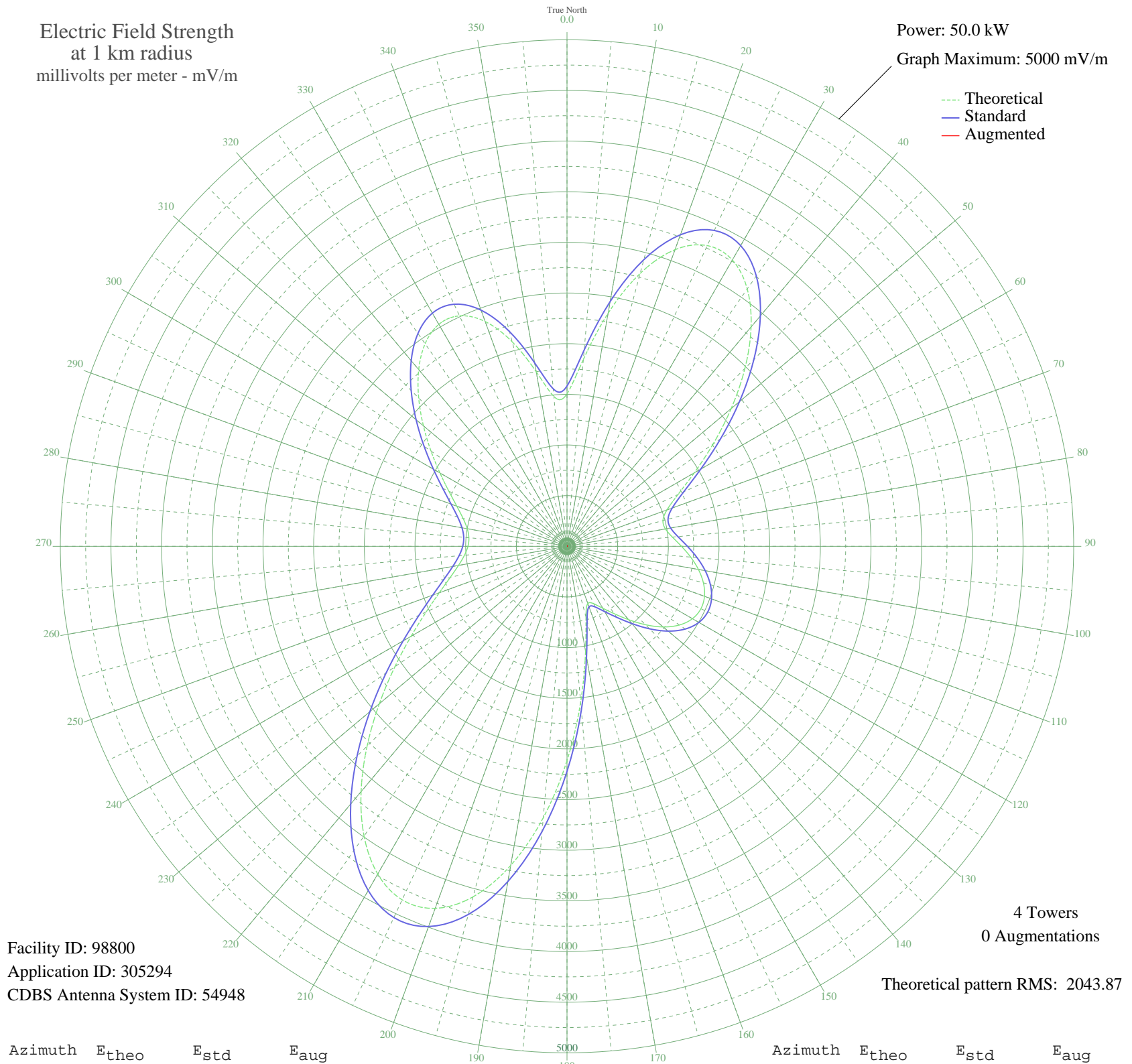


# CBU VANCOUVER, BC Canada -- 690 kHz

Unlimited Time

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

Power: 50.0 kW  
Graph Maximum: 5000 mV/m



Facility ID: 98800  
Application ID: 305294  
CDBS Antenna System ID: 54948

4 Towers  
0 Augmentations  
Theoretical pattern RMS: 2043.87

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1504.26	1581.21	
5	1850.95	1944.91	
10	2335.73	2453.64	
15	2788.65	2929.03	
20	3115.69	3272.31	
25	3275.47	3440.04	
30	3263.44	3427.42	
35	3101.11	3257.02	
40	2826.11	2968.35	
45	2482.82	2608.02	
50	2114.83	2221.81	
55	1760.21	1849.71	
60	1449.83	1524.13	
65	1207.57	1270.12	
70	1049.69	1104.68	
75	980.17	1031.85	
80	986.23	1038.20	
85	1043.92	1098.62	
90	1129.57	1188.37	
95	1225.08	1288.47	
100	1316.83	1384.66	
105	1393.29	1464.84	
110	1443.67	1517.68	
115	1458.15	1532.85	
120	1429.29	1502.59	
125	1354.44	1424.09	
130	1238.32	1302.35	
135	1094.76	1151.89	
140	945.36	995.40	
145	812.22	856.05	
150	705.86	744.87	
155	625.98	661.46	
160	600.44	634.81	
165	723.84	763.65	
170	1054.74	1109.96	
175	1544.47	1623.39	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	2115.34	2222.34	
185	2690.59	2826.09	
190	3198.96	3359.72	
195	3582.27	3762.12	
200	3803.35	3994.21	
205	3850.30	4043.50	
210	3735.81	3923.31	
215	3491.82	3667.16	
220	3161.37	3320.26	
225	2789.80	2930.24	
230	2417.28	2539.23	
235	2073.74	2178.70	
240	1776.94	1867.27	
245	1533.32	1611.69	
250	1341.12	1410.13	
255	1194.59	1256.51	
260	1087.60	1144.39	
265	1015.87	1069.24	
270	977.38	1028.94	
275	971.84	1023.13	
280	999.68	1052.29	
285	1061.37	1116.91	
290	1157.04	1217.16	
295	1286.29	1352.64	
300	1447.77	1521.97	
305	1638.09	1721.60	
310	1849.97	1943.89	
315	2069.97	2174.73	
320	2276.79	2391.78	
325	2441.37	2564.51	
330	2529.86	2657.39	
335	2510.04	2636.59	
340	2361.40	2480.59	
345	2089.60	2195.34	
350	1749.59	1838.57	
355	1483.58	1559.53	

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