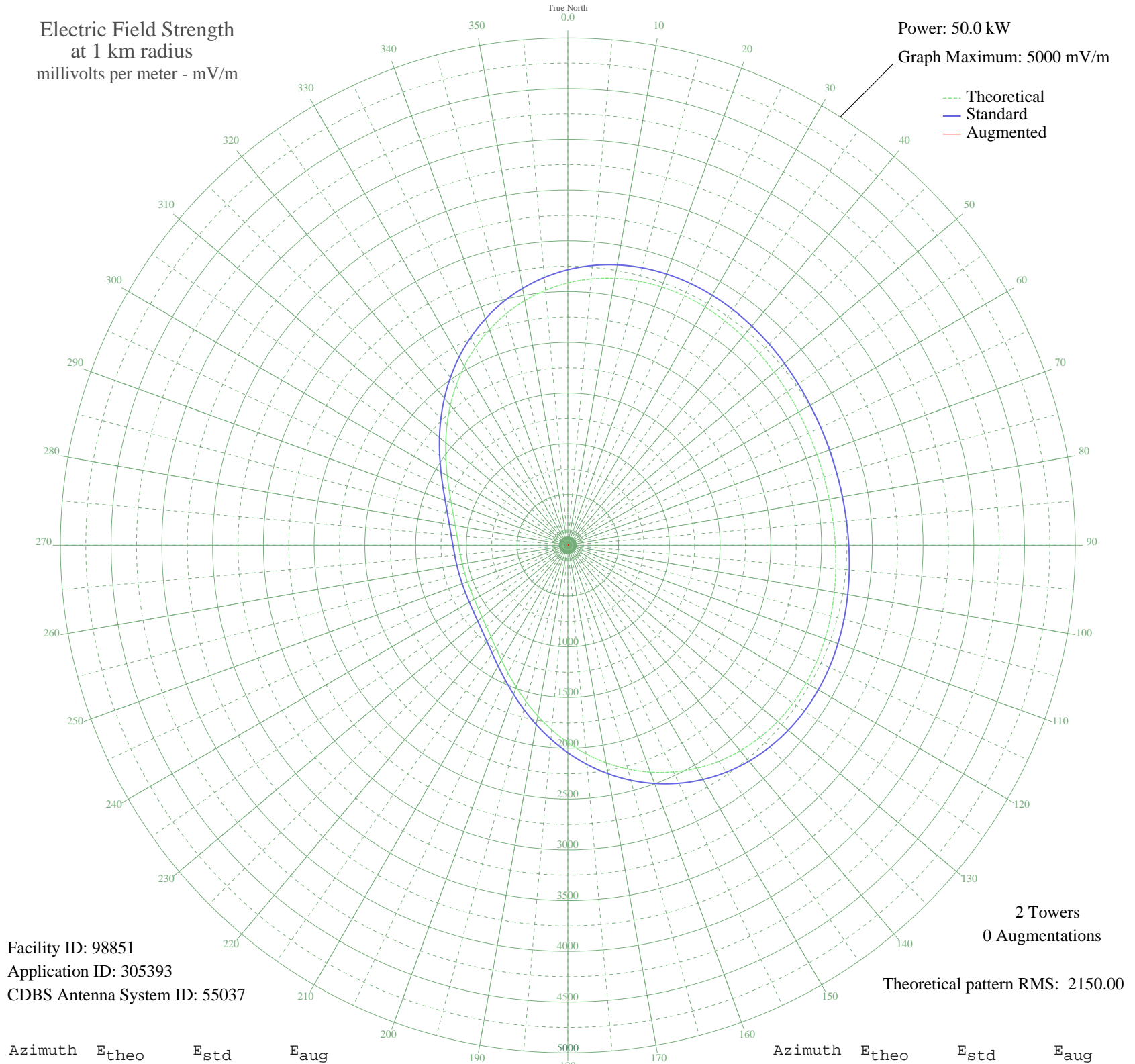


# CFDR DARTMOUTH, NS Canada -- 780 kHz

Daytime

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

Power: 50.0 kW  
Graph Maximum: 5000 mV/m



Facility ID: 98851  
Application ID: 305393  
CDBS Antenna System ID: 55037

2 Towers  
0 Augmentations  
Theoretical pattern RMS: 2150.00

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	2585.25	2715.52	
5	2634.57	2767.30	
10	2670.98	2805.51	
15	2695.24	2830.97	
20	2708.54	2844.94	
25	2712.40	2848.99	
30	2708.56	2844.96	
35	2698.88	2834.80	
40	2685.27	2820.51	
45	2669.57	2804.03	
50	2653.50	2787.16	
55	2638.58	2771.50	
60	2626.09	2758.40	
65	2617.03	2748.89	
70	2612.09	2743.70	
75	2611.64	2743.23	
80	2615.70	2747.49	
85	2623.98	2756.18	
90	2635.85	2768.64	
95	2650.38	2783.89	
100	2666.33	2800.63	
105	2682.24	2817.33	
110	2696.41	2832.21	
115	2707.03	2843.35	
120	2712.19	2848.77	
125	2710.02	2846.49	
130	2698.73	2834.64	
135	2676.77	2811.59	
140	2642.87	2776.01	
145	2596.17	2726.99	
150	2536.26	2664.11	
155	2463.26	2587.49	
160	2377.85	2497.84	
165	2281.23	2396.45	
170	2175.18	2285.14	
175	2061.90	2166.27	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	1944.03	2042.58	
185	1824.47	1917.13	
190	1706.31	1793.17	
195	1592.65	1673.93	
200	1486.44	1562.53	
205	1390.26	1461.67	
210	1306.15	1373.47	
215	1235.37	1299.26	
220	1178.27	1239.41	
225	1134.28	1193.31	
230	1102.05	1159.53	
235	1079.69	1136.10	
240	1065.15	1120.87	
245	1056.55	1111.86	
250	1052.48	1107.59	
255	1052.12	1107.22	
260	1055.41	1110.67	
265	1063.01	1118.62	
270	1076.22	1132.46	
275	1096.85	1154.08	
280	1126.95	1185.62	
285	1168.46	1229.12	
290	1222.86	1286.15	
295	1290.91	1357.48	
300	1372.43	1442.96	
305	1466.33	1541.43	
310	1570.73	1650.93	
315	1683.12	1768.84	
320	1800.63	1892.12	
325	1920.15	2017.53	
330	2038.60	2141.82	
335	2153.02	2261.89	
340	2260.71	2374.91	
345	2359.37	2478.45	
350	2447.14	2570.57	
355	2522.69	2649.87	

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