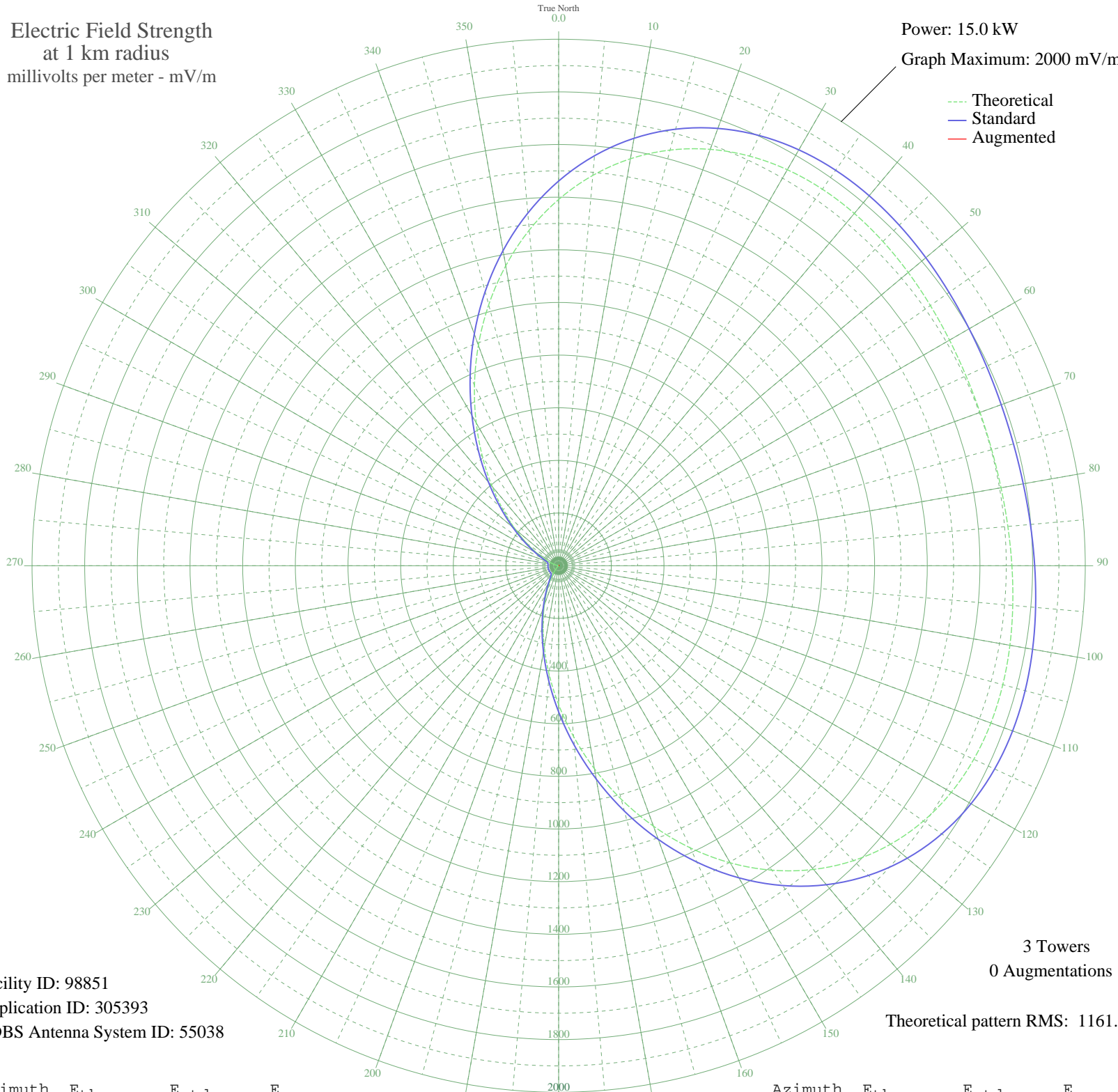


# CFDR DARTMOUTH, NS Canada -- 780 kHz

Nighttime

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

Power: 15.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 98851  
Application ID: 305393  
CDBS Antenna System ID: 55038

Theoretical pattern RMS: 1161.90

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1391.22	1461.34	
5	1488.40	1563.35	
10	1569.76	1648.75	
15	1634.60	1716.81	
20	1683.22	1767.85	
25	1716.75	1803.05	
30	1736.99	1824.30	
35	1746.22	1833.98	
40	1746.96	1834.76	
45	1741.80	1829.34	
50	1733.19	1820.30	
55	1723.35	1809.97	
60	1714.14	1800.31	
65	1707.04	1792.85	
70	1703.03	1788.64	
75	1702.66	1788.25	
80	1705.96	1791.72	
85	1712.52	1798.60	
90	1721.40	1807.93	
95	1731.25	1818.27	
100	1740.28	1827.74	
105	1746.32	1834.09	
110	1746.97	1834.77	
115	1739.64	1827.08	
120	1721.80	1808.34	
125	1691.09	1776.11	
130	1645.60	1728.36	
135	1584.05	1663.75	
140	1505.97	1581.80	
145	1411.85	1483.00	
150	1303.18	1368.94	
155	1182.41	1242.20	
160	1052.84	1106.23	
165	918.37	965.15	
170	783.24	823.40	
175	651.66	685.45	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	527.54	555.40	
185	414.16	436.77	
190	314.02	332.22	
195	228.64	243.50	
200	158.63	171.45	
205	103.65	116.18	
210	62.64	77.33	
215	33.94	54.07	
220	15.49	43.80	
225	5.08	41.01	
230	0.47	40.67	
235	0.40	40.67	
240	0.67	40.67	
245	2.27	40.74	
250	3.38	40.82	
255	3.50	40.83	
260	2.55	40.75	
265	0.99	40.68	
270	0.29	40.67	
275	0.06	40.67	
280	3.76	40.86	
285	12.84	42.84	
290	29.50	51.12	
295	55.98	71.47	
300	94.38	107.12	
305	146.45	159.06	
310	213.41	227.74	
315	295.73	313.17	
320	393.01	414.66	
325	503.91	530.67	
330	626.12	658.69	
335	756.51	795.37	
340	891.26	936.71	
345	1026.20	1078.28	
350	1157.08	1215.62	
355	1279.90	1344.51	

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.

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15 Feb 2012

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Prepared by Audio Division, Media Bureau  
Federal Communications Commission