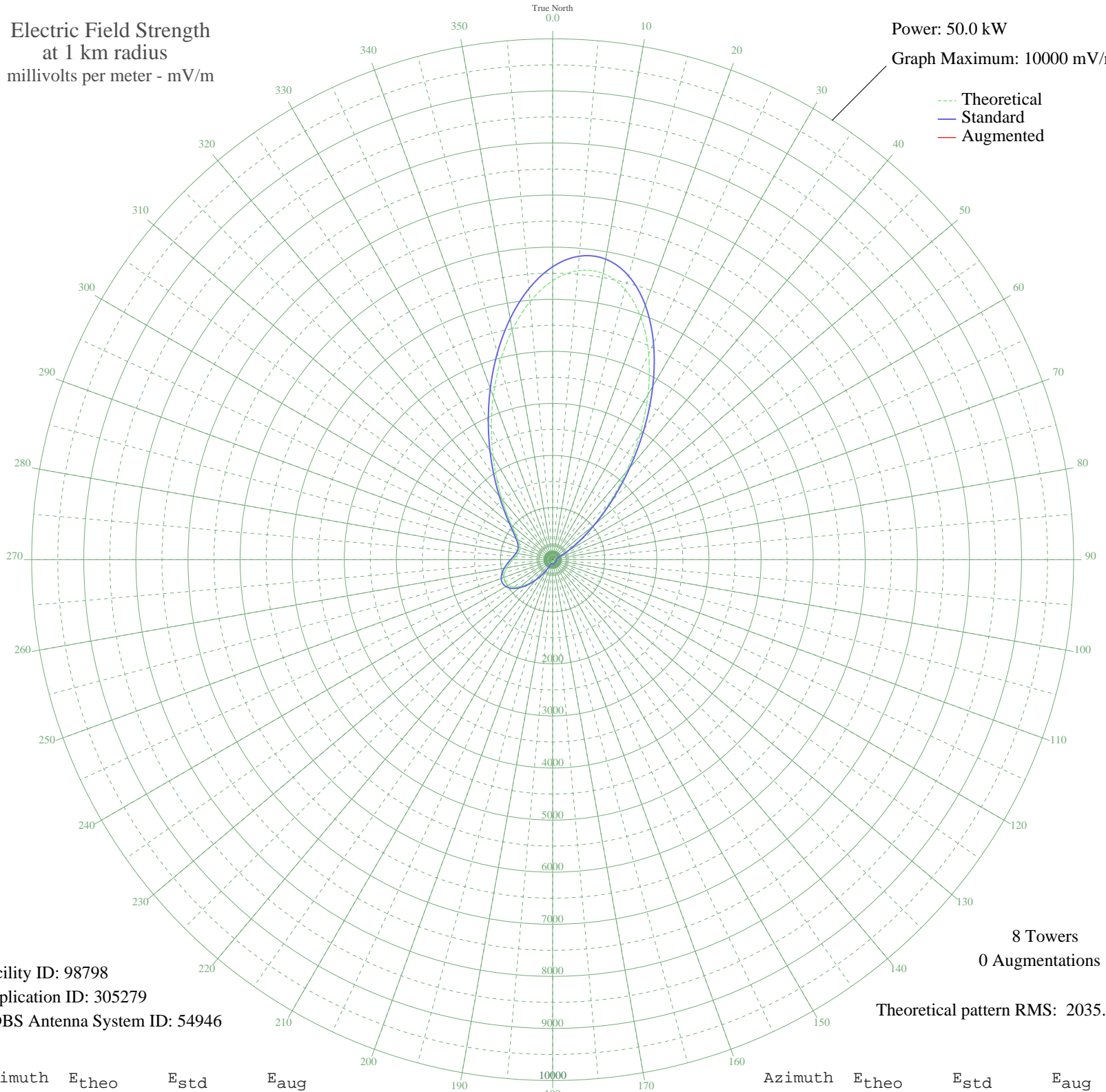


# CFTR TORONTO, ON Canada -- 680 kHz

Daytime

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

Power: 50.0 kW  
Graph Maximum: 10000 mV/m



Facility ID: 98798  
Application ID: 305279  
CDBS Antenna System ID: 54946

8 Towers  
0 Augmentations  
Theoretical pattern RMS: 2035.30

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	5355.51	5623.78	
5	5569.77	5848.73	
10	5579.50	5858.94	
15	5369.72	5638.70	
20	4951.73	5199.85	
25	4362.82	4581.56	
30	3660.73	3844.48	
35	2913.85	3060.44	
40	2189.53	2300.20	
45	1543.31	1622.18	
50	1011.60	1064.78	
55	609.08	643.83	
60	330.87	355.26	
65	158.25	182.00	
70	66.16	101.68	
75	30.13	80.71	
80	22.87	78.03	
85	20.82	77.40	
90	19.53	77.03	
95	18.79	76.82	
100	18.41	76.72	
105	18.62	76.78	
110	19.41	76.99	
115	20.58	77.33	
120	22.00	77.76	
125	23.63	78.28	
130	25.31	78.86	
135	26.90	79.44	
140	28.32	79.98	
145	29.53	80.46	
150	30.95	81.05	
155	33.97	82.37	
160	40.05	85.33	
165	48.12	89.81	
170	54.29	93.60	
175	54.30	93.61	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	46.25	88.72	
185	32.74	81.82	
190	21.18	77.51	
195	17.52	76.49	
200	35.54	83.10	
205	94.12	123.61	
210	193.99	216.80	
215	329.63	353.98	
220	487.88	517.63	
225	650.14	686.67	
230	796.56	839.68	
235	910.62	959.03	
240	982.39	1034.18	
245	1009.74	1062.82	
250	997.54	1050.05	
255	955.46	1005.97	
260	895.26	942.95	
265	828.50	873.09	
270	764.99	806.67	
275	712.25	751.54	
280	675.70	713.36	
285	659.39	696.32	
290	666.82	704.08	
295	701.88	740.71	
300	769.52	811.40	
305	876.20	923.00	
310	1029.96	1084.00	
315	1239.97	1304.08	
320	1515.45	1592.95	
325	1863.70	1958.30	
330	2287.54	2403.07	
335	2782.13	2922.18	
340	3332.01	3499.40	
345	3909.18	4105.31	
350	4473.04	4697.28	
355	4973.26	5222.45	

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.

06 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission