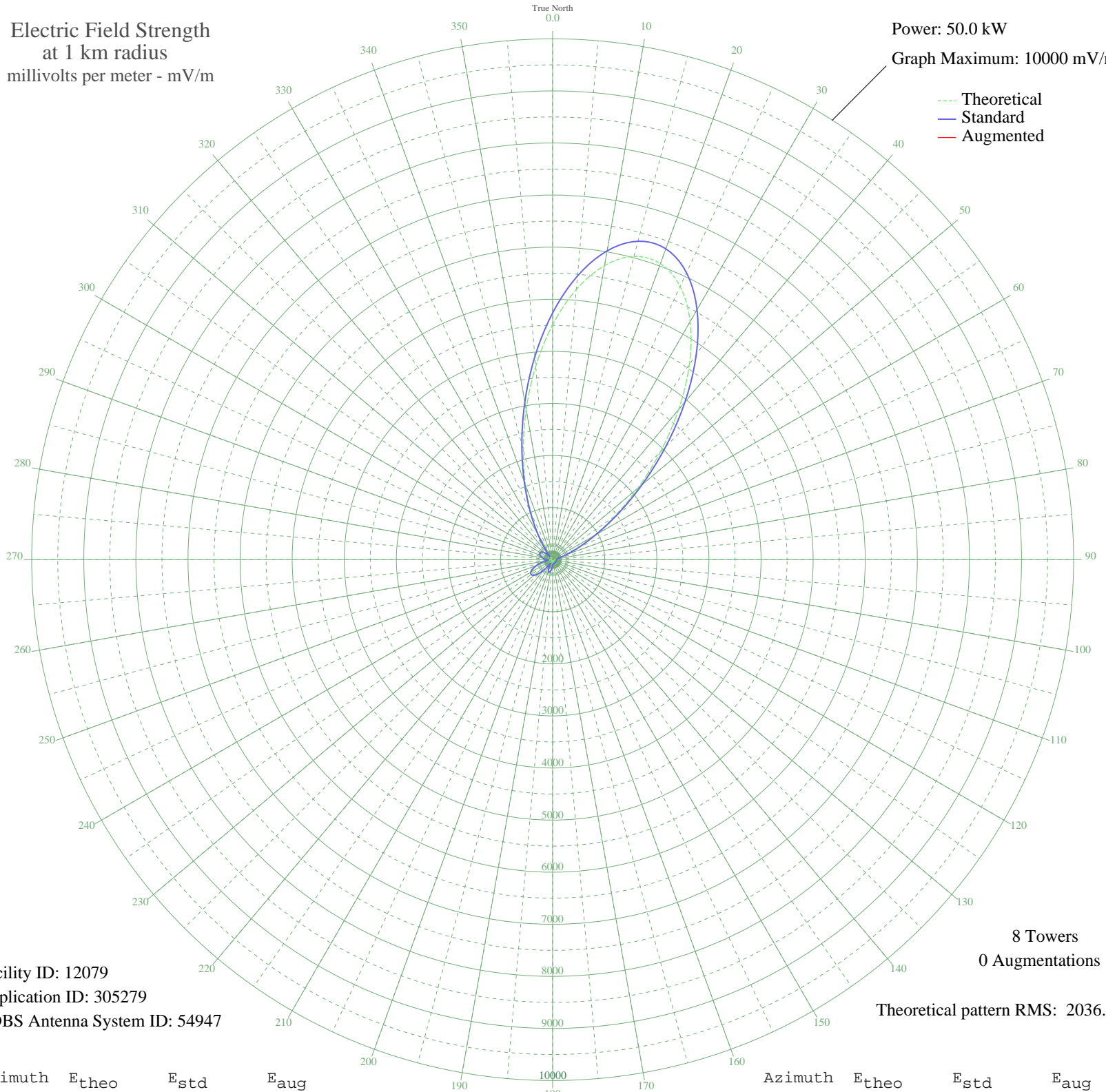


# CFTR TORONTO, ON Canada -- 680 kHz

Nighttime

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

Power: 50.0 kW  
Graph Maximum: 10000 mV/m



--- Theoretical  
— Standard  
— Augmented

Facility ID: 12079  
Application ID: 305279  
CDBS Antenna System ID: 54947

8 Towers  
0 Augmentations

Theoretical pattern RMS: 2036.40

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	4512.01	4738.19	
5	5206.32	5467.14	
10	5733.04	6020.15	
15	6027.14	6328.93	
20	6048.10	6350.94	
25	5788.84	6078.74	
30	5278.23	5542.63	
35	4576.19	4805.58	
40	3762.72	3951.56	
45	2923.24	3070.30	
50	2134.27	2242.22	
55	1452.55	1526.99	
60	909.74	958.11	
65	512.88	543.61	
70	249.40	272.19	
75	94.54	123.96	
80	18.81	76.83	
85	5.99	74.51	
90	3.01	74.31	
95	11.04	75.14	
100	25.67	78.99	
105	35.41	83.04	
110	38.34	84.46	
115	34.77	82.74	
120	26.38	79.25	
125	15.64	76.04	
130	5.47	74.47	
135	1.18	74.26	
140	1.86	74.27	
145	4.56	74.40	
150	17.08	76.38	
155	31.95	81.47	
160	42.85	86.82	
165	42.11	86.42	
170	22.92	78.05	
175	17.78	76.56	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	76.74	109.57	
185	143.42	167.90	
190	201.29	224.01	
195	231.67	254.33	
200	219.15	241.79	
205	156.80	180.60	
210	49.24	90.47	
215	87.65	118.25	
220	230.51	253.16	
225	354.49	379.55	
230	439.42	467.33	
235	474.15	503.36	
240	457.95	486.54	
245	399.03	425.51	
250	311.10	334.99	
255	209.34	232.01	
260	107.09	134.75	
265	13.86	75.66	
270	65.15	100.96	
275	128.43	153.94	
280	176.88	200.02	
285	212.48	235.14	
290	236.94	259.63	
295	250.62	273.42	
300	251.66	274.47	
305	235.13	257.81	
310	192.40	215.23	
315	110.66	137.89	
320	26.92	79.44	
325	240.09	262.80	
330	549.16	581.38	
335	971.15	1022.41	
340	1514.67	1592.14	
345	2174.46	2284.39	
350	2926.71	3073.95	
355	3726.98	3914.04	

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.

28 Sep 2008

Prepared by Audio Division, Media Bureau  
Federal Communications Commission