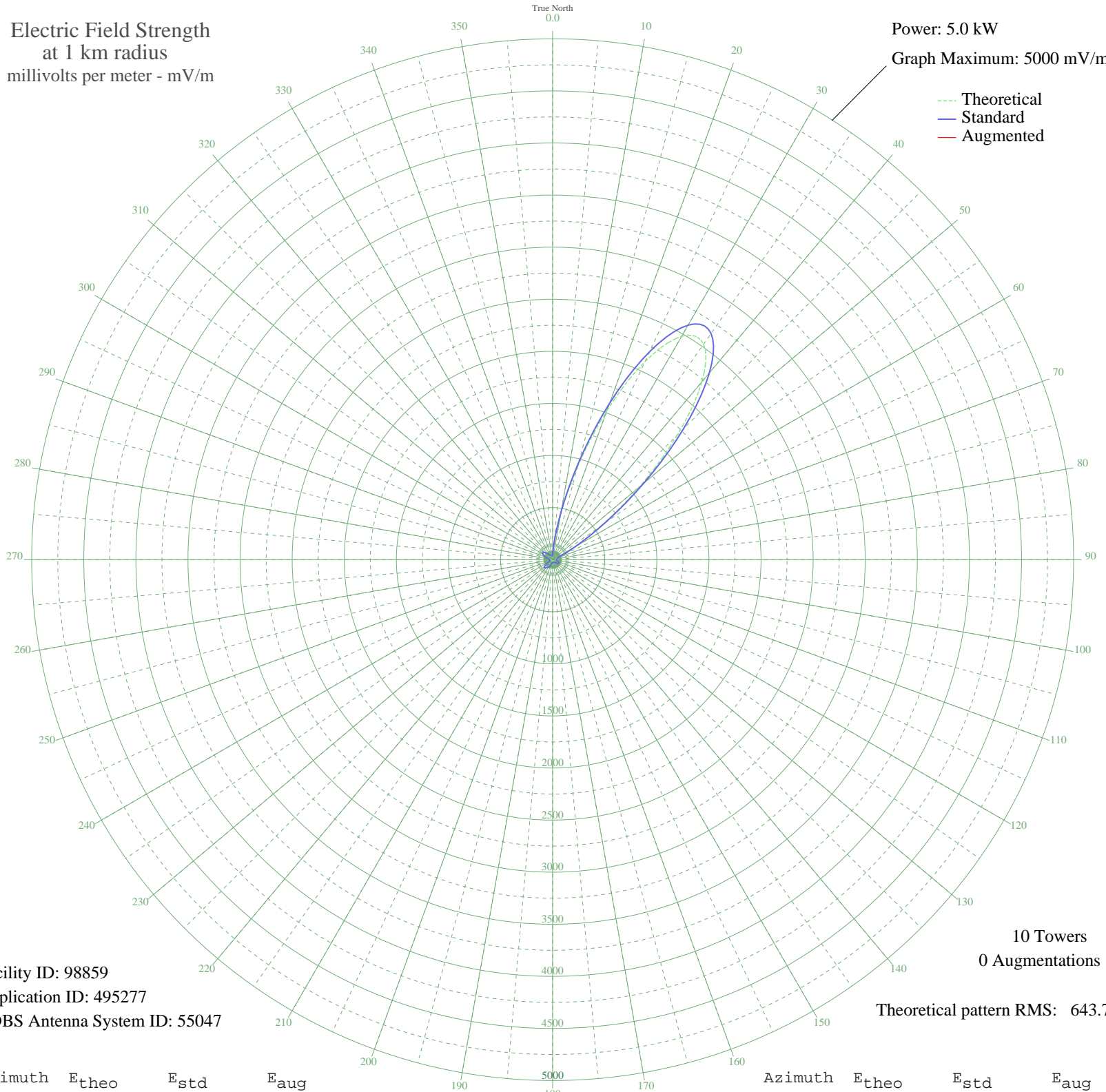


# CIAO BRAMPTON, ON Canada -- 790 kHz

Nighttime

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

Power: 5.0 kW  
Graph Maximum: 5000 mV/m



Facility ID: 98859  
Application ID: 495277  
CDBS Antenna System ID: 55047

10 Towers  
0 Augmentations

Theoretical pattern RMS: 643.74

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	41.16	49.69	
5	155.91	165.53	
10	445.40	468.31	
15	922.04	968.46	
20	1521.32	1597.58	
25	2098.08	2203.12	
30	2475.36	2599.24	
35	2524.04	2650.36	
40	2227.57	2339.07	
45	1690.81	1775.52	
50	1086.81	1141.42	
55	575.26	604.52	
60	241.34	254.59	
65	83.74	91.29	
70	38.84	47.58	
75	32.98	42.43	
80	34.26	43.53	
85	27.59	37.95	
90	19.79	32.14	
95	21.31	33.19	
100	25.40	36.23	
105	32.51	42.03	
110	44.99	53.22	
115	56.79	64.47	
120	61.66	69.23	
125	57.40	65.07	
130	45.79	53.97	
135	31.27	40.97	
140	19.00	31.61	
145	12.03	27.58	
150	8.30	26.02	
155	5.84	25.27	
160	6.09	25.34	
165	6.25	25.38	
170	4.74	25.02	
175	3.54	24.79	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	4.39	24.94	
185	8.75	26.18	
190	16.42	29.97	
195	30.02	39.93	
200	50.20	58.13	
205	68.92	76.41	
210	78.22	85.71	
215	83.25	90.79	
220	95.16	102.88	
225	104.97	112.91	
230	96.09	103.83	
235	67.59	75.08	
240	33.59	42.95	
245	11.31	27.24	
250	7.04	25.61	
255	7.00	25.59	
260	12.12	27.62	
265	15.57	29.46	
270	16.75	30.17	
275	20.12	32.36	
280	28.56	38.74	
285	43.73	52.05	
290	64.86	72.38	
295	87.13	94.71	
300	104.03	111.95	
305	110.29	118.37	
310	103.92	111.84	
315	87.18	94.76	
320	66.09	73.60	
325	47.93	55.98	
330	36.83	45.79	
335	33.07	42.50	
340	34.89	44.08	
345	33.49	42.87	
350	23.47	34.76	
355	23.56	34.83	

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.

26 Jun 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission