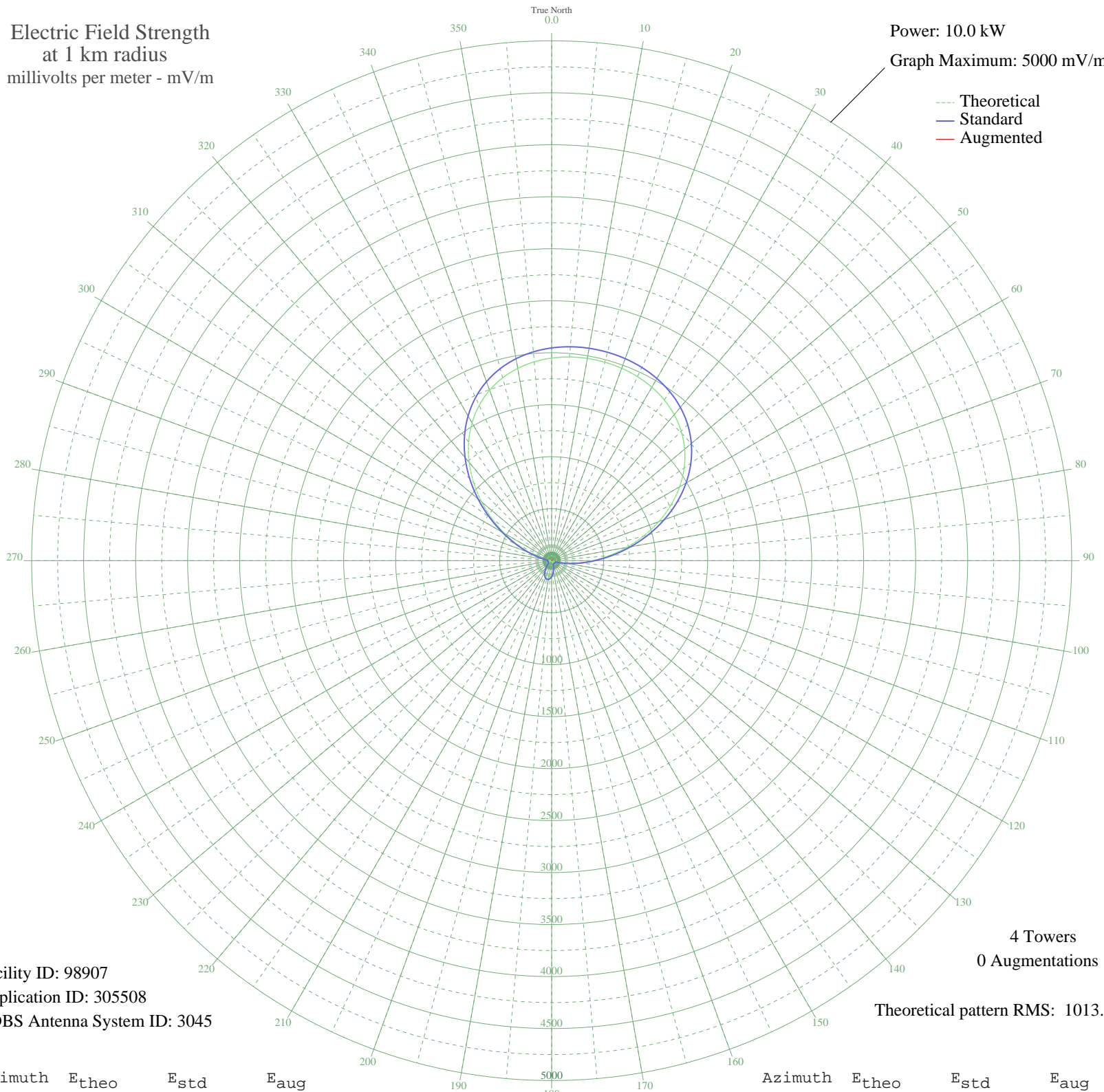


# CHRQ TIMMINS, ON Canada -- 850 kHz

Unlimited Time

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

Power: 10.0 kW  
Graph Maximum: 5000 mV/m



Facility ID: 98907  
Application ID: 305508  
CDBS Antenna System ID: 3045

4 Towers  
0 Augmentations  
Theoretical pattern RMS: 1013.90

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1948.45	2046.14	
5	1966.38	2064.96	
10	1975.26	2074.29	
15	1976.05	2075.12	
20	1968.84	2067.54	
25	1952.83	2050.74	
30	1926.45	2023.05	
35	1887.47	1982.12	
40	1833.27	1925.22	
45	1761.23	1849.59	
50	1669.09	1752.86	
55	1555.51	1633.63	
60	1420.54	1491.94	
65	1266.01	1329.73	
70	1095.78	1151.05	
75	915.69	962.05	
80	733.22	770.60	
85	556.83	585.61	
90	394.95	416.02	
95	255.00	269.80	
100	142.38	153.15	
105	59.74	70.97	
110	6.67	33.94	
115	20.15	39.37	
120	26.25	43.15	
125	18.56	38.50	
130	4.28	33.51	
135	10.07	34.85	
140	19.40	38.95	
145	20.49	39.57	
150	12.06	35.54	
155	5.47	33.70	
160	30.22	45.92	
165	59.54	70.78	
170	90.33	100.49	
175	119.50	129.79	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	144.28	155.09	
185	162.44	173.76	
190	172.40	184.04	
195	173.32	184.99	
200	165.12	176.53	
205	148.50	159.42	
210	124.89	135.27	
215	96.39	106.51	
220	65.68	76.54	
225	35.81	50.16	
230	9.91	34.80	
235	9.24	34.59	
240	19.57	39.05	
245	20.35	39.48	
250	12.47	35.69	
255	1.23	33.23	
260	16.01	37.22	
265	25.58	42.71	
270	22.82	40.95	
275	0.76	33.21	
280	46.83	59.33	
285	123.43	133.78	
290	230.17	243.94	
295	365.00	384.68	
300	523.03	550.19	
305	697.18	732.80	
310	879.13	923.68	
315	1060.33	1113.84	
320	1233.07	1295.15	
325	1391.11	1461.04	
330	1530.20	1607.05	
335	1648.11	1730.83	
340	1744.47	1831.99	
345	1820.37	1911.68	
350	1877.93	1972.11	
355	1919.74	2016.00	

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.

10 Nov 2011

Prepared by Audio Division, Media Bureau  
Federal Communications Commission