

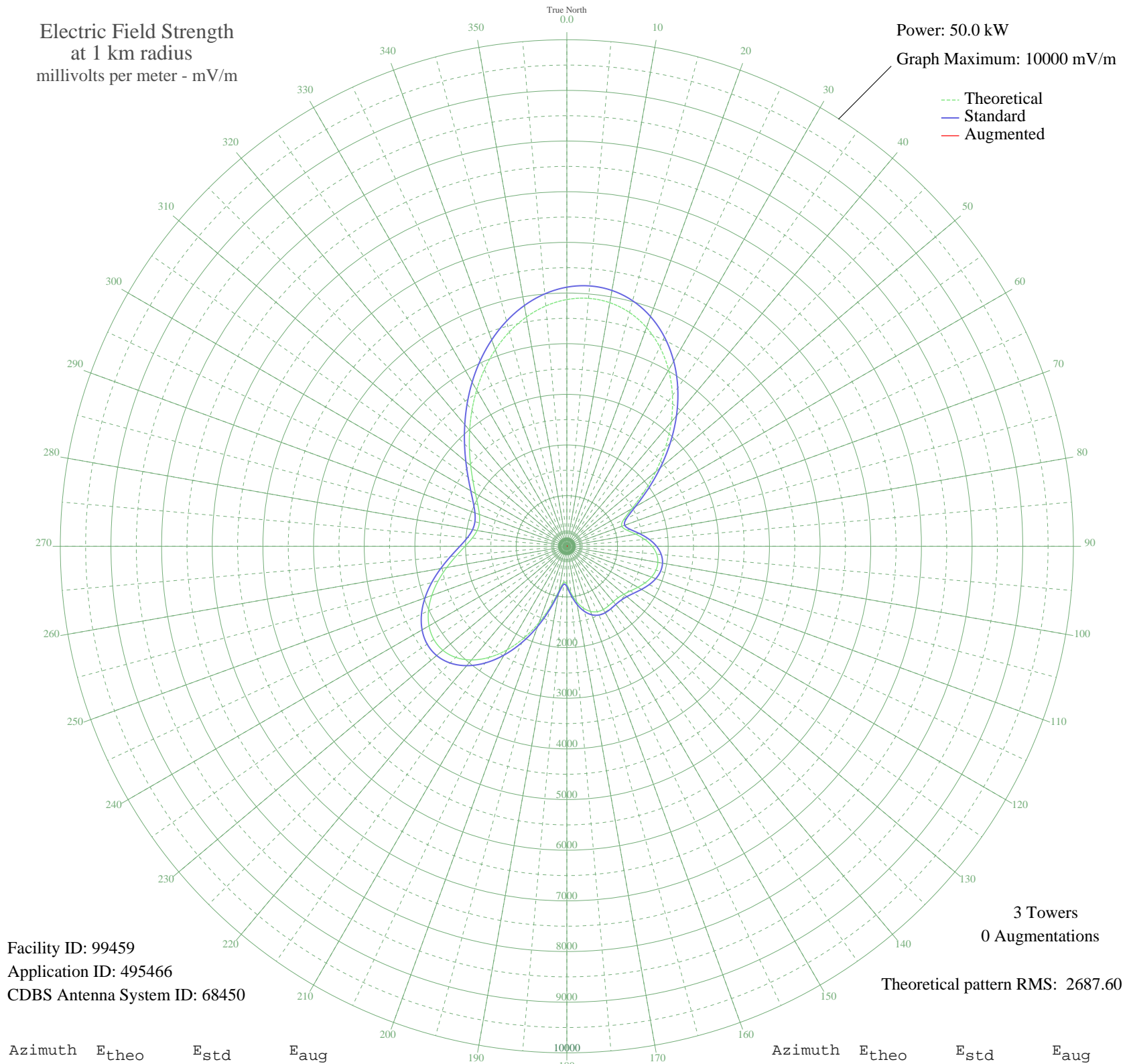
# CFRB TORONTO, ON Canada -- 1010 kHz

Daytime

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: 99459  
Application ID: 495466  
CDBS Antenna System ID: 68450

3 Towers  
0 Augmentations

Theoretical pattern RMS: 2687.60

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	4871.43	5115.67	
5	4913.64	5159.99	
10	4883.90	5128.77	
15	4778.68	5018.30	
20	4597.16	4827.73	
25	4341.59	4559.43	
30	4017.66	4219.36	
35	3634.75	3817.40	
40	3206.24	3367.58	
45	2749.82	2888.51	
50	2288.34	2404.20	
55	1851.94	1946.32	
60	1482.22	1558.55	
65	1234.41	1298.79	
70	1155.08	1215.68	
75	1228.43	1292.53	
80	1381.21	1452.65	
85	1546.29	1625.73	
90	1685.13	1771.34	
95	1779.87	1870.71	
100	1824.76	1917.80	
105	1821.65	1914.54	
110	1777.89	1868.64	
115	1705.19	1792.38	
120	1618.66	1701.63	
125	1535.29	1614.20	
130	1470.77	1546.54	
135	1434.80	1508.83	
140	1426.72	1500.36	
145	1434.89	1508.92	
150	1440.62	1514.93	
155	1423.89	1497.40	
160	1368.01	1438.81	
165	1262.87	1328.61	
170	1108.35	1166.73	
175	921.28	970.91	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	753.60	795.64	
185	715.64	756.01	
190	890.30	938.50	
195	1214.88	1278.33	
200	1600.55	1682.63	
205	1993.66	2094.99	
210	2360.65	2480.08	
215	2677.95	2813.07	
220	2928.80	3076.36	
225	3102.57	3258.75	
230	3194.51	3355.27	
235	3205.58	3366.89	
240	3141.94	3300.09	
245	3014.34	3166.15	
250	2837.28	2980.30	
255	2628.23	2760.90	
260	2406.80	2528.51	
265	2193.81	2305.00	
270	2010.03	2112.17	
275	1873.91	1969.36	
280	1798.30	1890.04	
285	1787.53	1878.74	
290	1837.46	1931.12	
295	1939.22	2037.88	
300	2083.86	2189.64	
305	2264.83	2379.52	
310	2477.82	2603.04	
315	2719.33	2856.50	
320	2984.93	3135.28	
325	3268.27	3432.69	
330	3560.73	3739.69	
335	3851.75	4045.19	
340	4129.54	4336.81	
345	4381.85	4601.69	
350	4596.73	4827.29	
355	4763.15	5002.00	

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