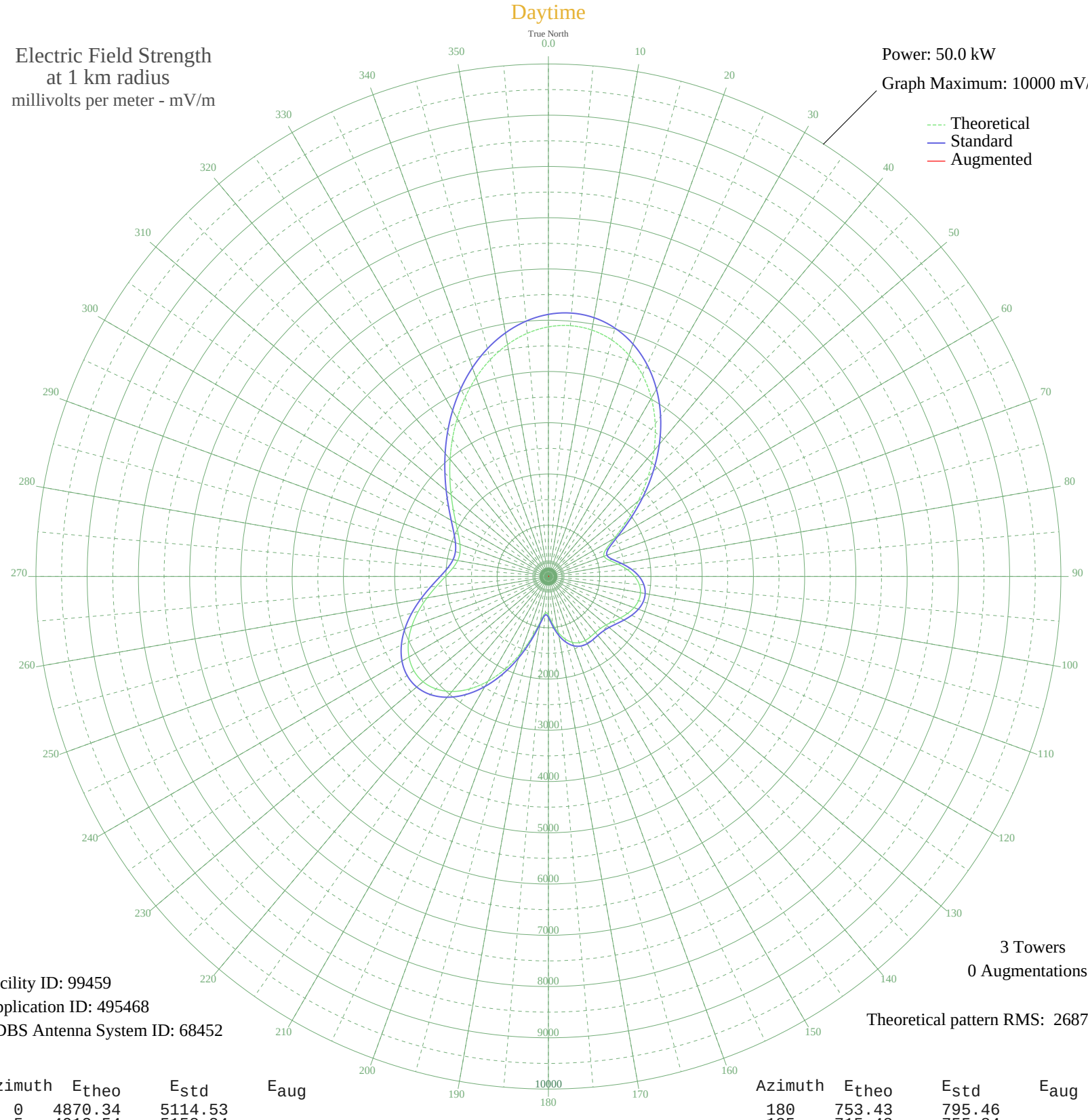
CFRB TORONTO, ON Canada -- 1010 kHz

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

3 Towers
0 Augmentations

Facility ID: 99459
Application ID: 495468
CDBS Antenna System ID: 68452

Theoretical pattern RMS: 2687.00

Azimuth	E_{theo}	E_{std}	E_{aug}
0	4870.34	5114.53	
5	4912.54	5158.84	
10	4882.81	5127.62	
15	4777.61	5017.18	
20	4596.13	4826.66	
25	4340.62	4558.41	
30	4016.76	4218.42	
35	3633.94	3816.54	
40	3205.53	3366.83	
45	2749.21	2887.86	
50	2287.83	2403.66	
55	1851.53	1945.88	
60	1481.89	1558.21	
65	1234.13	1298.50	
70	1154.82	1215.41	
75	1228.16	1292.24	
80	1380.90	1452.33	
85	1545.94	1625.37	
90	1684.76	1770.95	
95	1779.48	1870.30	
100	1824.35	1917.37	
105	1821.25	1914.11	
110	1777.50	1868.22	
115	1704.81	1791.98	
120	1618.30	1701.25	
125	1534.95	1613.84	
130	1470.44	1546.20	
135	1434.48	1508.49	
140	1426.40	1500.03	
145	1434.57	1508.59	
150	1440.30	1514.59	
155	1423.58	1497.06	
160	1367.71	1438.50	
165	1262.59	1328.32	
170	1108.11	1166.48	
175	921.07	970.69	

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.

22 Jul 2016

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E_{theo}	E_{std}	E_{aug}
180	753.43	795.46	
185	715.48	755.84	
190	890.10	938.29	
195	1214.61	1278.04	
200	1600.19	1682.26	
205	1993.21	2094.52	
210	2360.12	2479.52	
215	2677.35	2812.44	
220	2928.14	3075.67	
225	3101.87	3258.03	
230	3193.80	3354.52	
235	3204.87	3366.13	
240	3141.24	3299.35	
245	3013.66	3165.44	
250	2836.64	2979.64	
255	2627.65	2760.28	
260	2406.26	2527.94	
265	2193.32	2304.49	
270	2009.58	2111.70	
275	1873.49	1968.92	
280	1797.90	1889.62	
285	1787.13	1878.33	
290	1837.05	1930.69	
295	1938.79	2037.42	
300	2083.40	2189.15	
305	2264.32	2378.99	
310	2477.27	2602.46	
315	2718.72	2855.87	
320	2984.27	3134.58	
325	3267.54	3431.93	
330	3559.93	3738.85	
335	3850.89	4044.29	
340	4128.62	4335.84	
345	4380.87	4600.67	
350	4595.71	4826.21	
355	4762.08	5000.88	