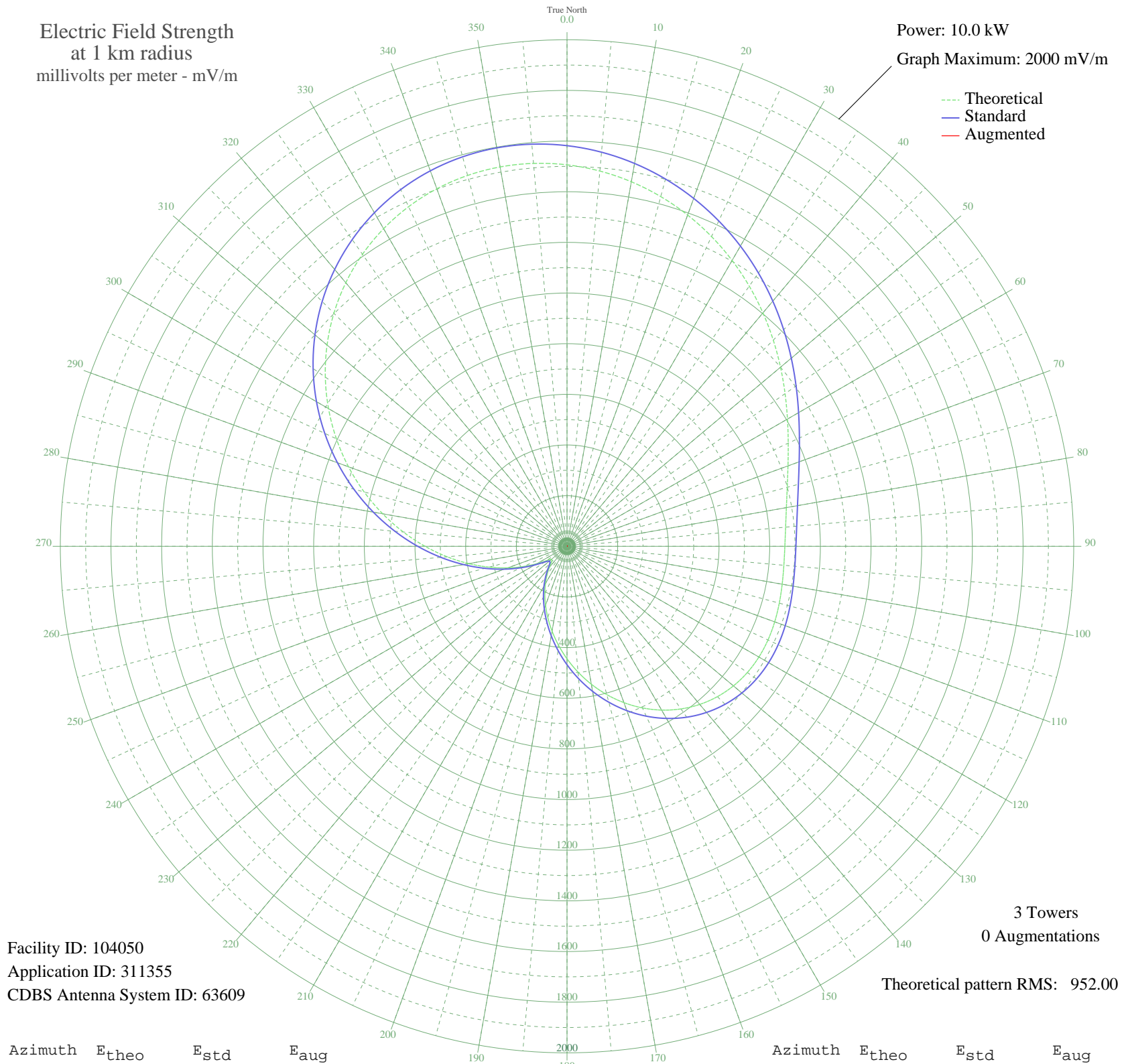


# CIHI FREDERICTON, NB Canada -- 1260 kHz

Unlimited Time

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

Power: 10.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 104050  
Application ID: 311355  
CDBS Antenna System ID: 63609

3 Towers  
0 Augmentations  
Theoretical pattern RMS: 952.00

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1506.19	1581.84	
5	1487.31	1562.02	
10	1461.51	1534.94	
15	1429.44	1501.28	
20	1391.83	1461.80	
25	1349.48	1417.34	
30	1303.25	1368.81	
35	1254.09	1317.21	
40	1203.04	1263.63	
45	1151.28	1209.30	
50	1100.04	1155.52	
55	1050.70	1103.74	
60	1004.68	1055.43	
65	963.39	1012.10	
70	928.12	975.09	
75	899.88	945.46	
80	879.22	923.77	
85	866.10	910.01	
90	859.84	903.44	
95	859.16	902.73	
100	862.33	906.06	
105	867.39	911.37	
110	872.32	916.54	
115	875.25	919.61	
120	874.55	918.88	
125	868.93	912.98	
130	857.45	900.93	
135	839.54	882.14	
140	814.99	856.38	
145	783.92	823.79	
150	746.74	784.78	
155	704.11	740.06	
160	656.90	690.54	
165	606.14	637.31	
170	552.98	581.57	
175	498.62	524.60	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	444.27	467.66	
185	391.09	411.98	
190	340.11	358.65	
195	292.16	308.56	
200	247.79	262.29	
205	207.21	220.09	
210	170.33	181.91	
215	137.01	147.64	
220	107.79	117.95	
225	85.96	96.18	
230	80.28	90.60	
235	98.63	108.75	
240	136.90	147.53	
245	188.32	200.51	
250	249.40	263.96	
255	318.37	335.93	
260	393.99	415.02	
265	475.10	499.96	
270	560.49	589.45	
275	648.83	682.08	
280	738.78	776.43	
285	828.93	871.01	
290	917.91	964.37	
295	1004.36	1055.10	
300	1087.02	1141.85	
305	1164.72	1223.41	
310	1236.44	1298.69	
315	1301.28	1366.74	
320	1358.50	1426.81	
325	1407.52	1478.27	
330	1447.95	1520.71	
335	1479.53	1553.86	
340	1502.17	1577.63	
345	1515.91	1592.05	
350	1520.94	1597.33	
355	1517.56	1593.79	

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.

23 Oct 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission