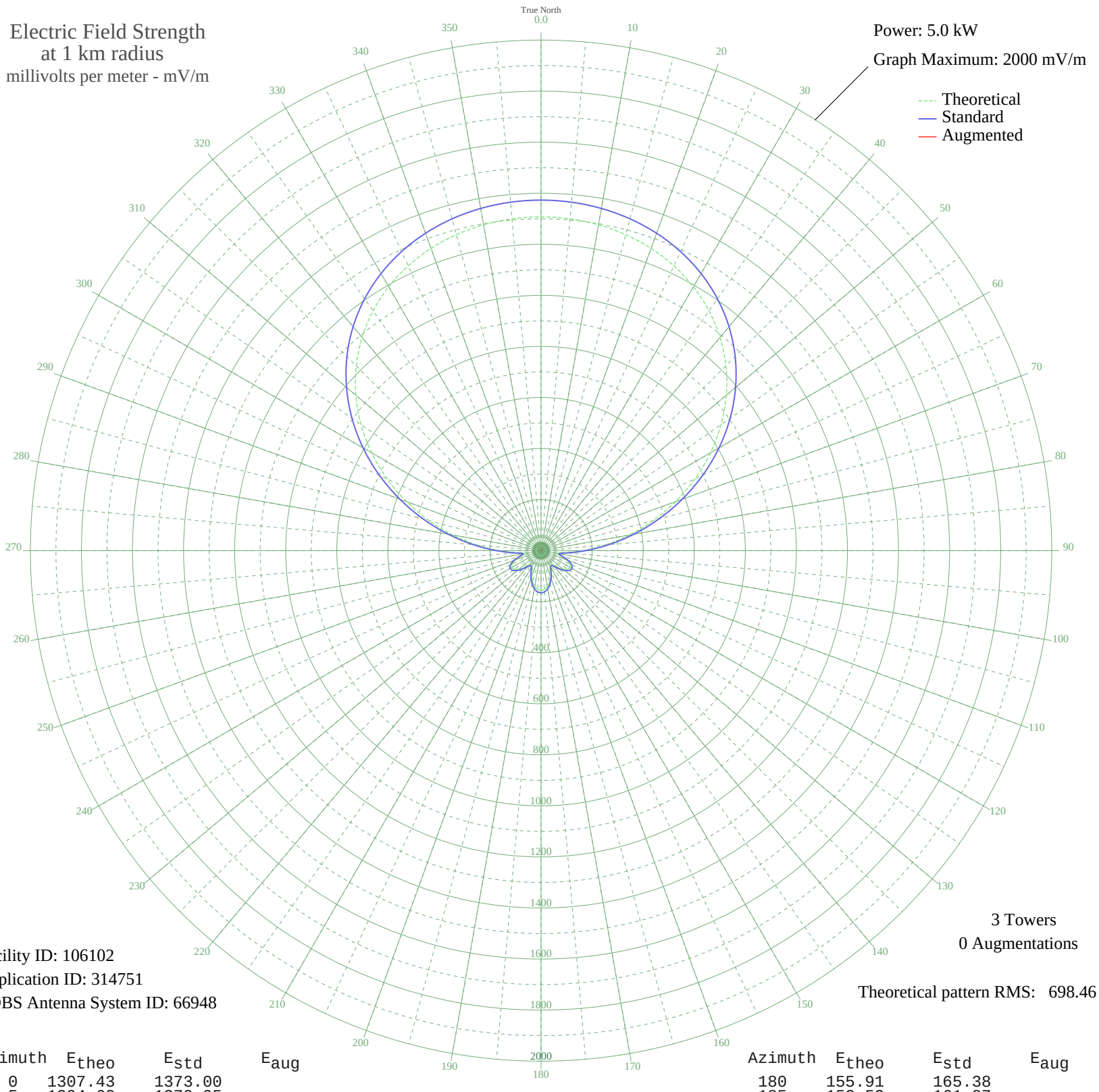
CFCH NORTH BAY, ON Canada -- 600 kHz

Nighttime

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



Power: 5.0 kW

Graph Maximum: 2000 mV/m

Theoretical
Standard
Augmented

3 Towers
0 Augmentations

Facility ID: 106102
Application ID: 314751
CDBS Antenna System ID: 66948

Theoretical pattern RMS: 698.46

Azimuth	E_{theo}	E_{std}	E_{aug}
0	1307.43	1373.00	
5	1304.62	1370.05	
10	1296.06	1361.06	
15	1281.35	1345.62	
20	1259.87	1323.07	
25	1230.85	1292.60	
30	1193.43	1253.32	
35	1146.81	1204.38	
40	1090.35	1145.11	
45	1023.70	1075.14	
50	946.93	994.55	
55	860.65	903.99	
60	766.07	804.72	
65	665.02	698.67	
70	559.96	588.43	
75	453.85	477.12	
80	350.07	368.32	
85	252.39	266.04	
90	165.23	175.08	
95	95.89	103.38	
100	63.53	70.72	
105	79.45	86.66	
110	106.07	113.82	
115	124.29	132.59	
120	130.83	139.36	
125	126.33	134.70	
130	112.95	120.90	
135	94.08	101.53	
140	74.91	82.09	
145	63.78	70.97	
150	68.48	75.64	
155	85.78	93.07	
160	107.09	114.87	
165	126.98	135.38	
170	142.63	151.59	
175	152.53	161.87	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	155.91	165.38	
185	152.53	161.87	
190	142.63	151.59	
195	126.98	135.38	
200	107.09	114.87	
205	85.78	93.07	
210	68.48	75.64	
215	63.78	70.97	
220	74.91	82.09	
225	94.08	101.53	
230	112.95	120.90	
235	126.33	134.70	
240	130.83	139.36	
245	124.29	132.59	
250	106.07	113.82	
255	79.45	86.66	
260	63.53	70.72	
265	95.89	103.38	
270	165.23	175.08	
275	252.39	266.04	
280	350.07	368.32	
285	453.85	477.12	
290	559.96	588.43	
295	665.02	698.67	
300	766.07	804.71	
305	860.65	903.99	
310	946.93	994.55	
315	1023.70	1075.14	
320	1090.35	1145.11	
325	1146.81	1204.38	
330	1193.43	1253.32	
335	1230.85	1292.60	
340	1259.87	1323.07	
345	1281.35	1345.62	
350	1296.06	1361.06	
355	1304.62	1370.05	

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