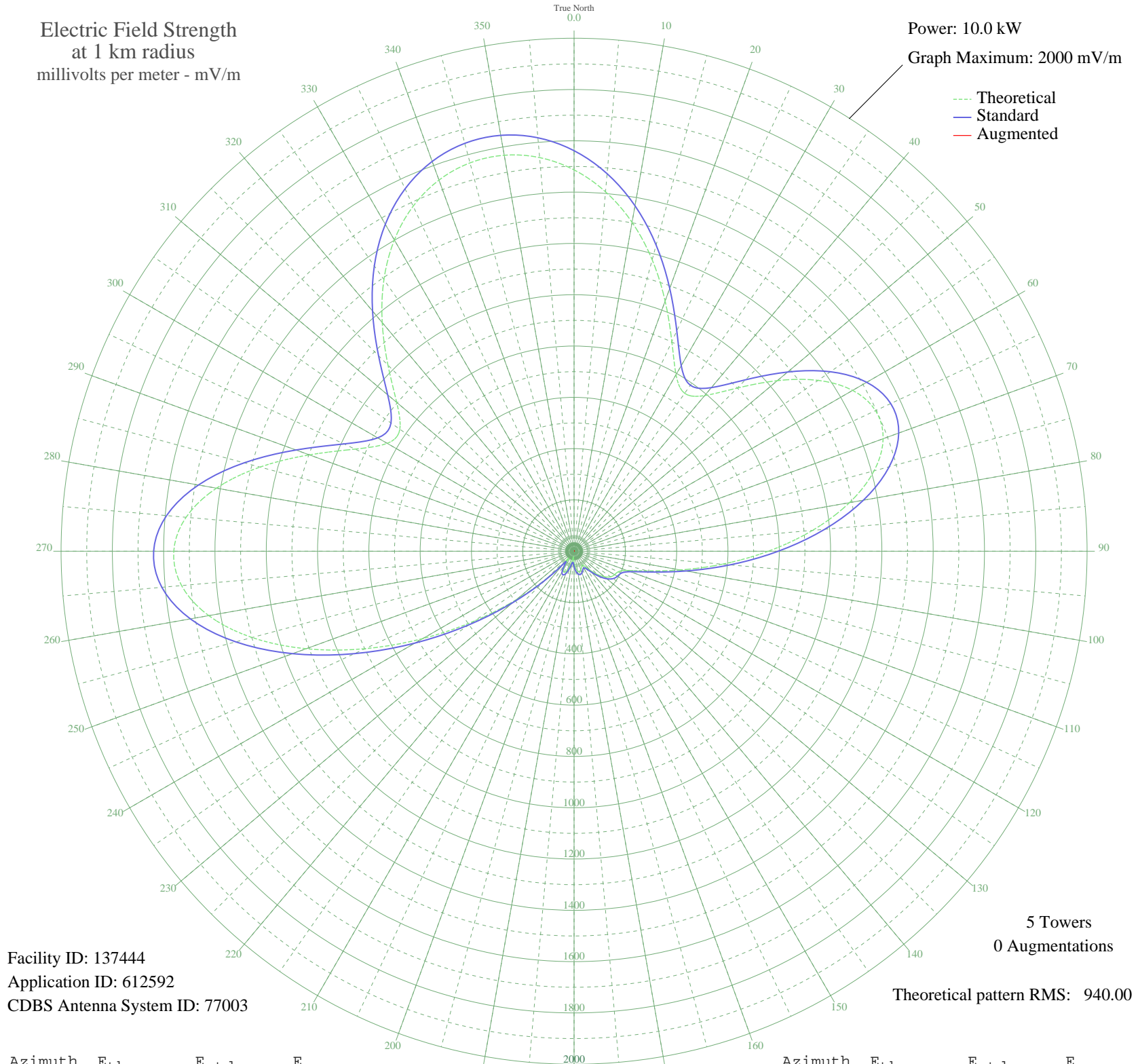


# CFCO CHATHAM, ON Canada -- 630 kHz

Daytime

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

Power: 10.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 137444  
Application ID: 612592  
CDBS Antenna System ID: 77003

5 Towers  
0 Augmentations  
Theoretical pattern RMS: 940.00

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1486.77	1561.55	
5	1406.74	1477.54	
10	1302.04	1367.64	
15	1176.42	1235.79	
20	1037.87	1090.39	
25	901.86	947.67	
30	794.92	835.48	
35	751.64	790.08	
40	792.19	832.62	
45	899.50	945.20	
50	1034.55	1086.90	
55	1161.30	1219.92	
60	1254.05	1317.27	
65	1296.83	1362.17	
70	1282.26	1346.88	
75	1210.89	1271.96	
80	1090.25	1145.35	
85	933.48	980.85	
90	757.38	796.09	
95	580.32	610.45	
100	420.66	443.22	
105	295.72	312.68	
110	219.32	233.20	
115	189.75	202.61	
120	182.53	195.15	
125	173.88	186.24	
130	155.11	166.96	
135	127.39	138.72	
140	96.52	107.82	
145	71.34	83.46	
150	62.01	74.78	
155	68.29	80.59	
160	78.05	89.83	
165	82.61	94.22	
170	78.63	90.39	
175	65.59	78.08	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	45.03	59.91	
185	23.78	44.46	
190	30.16	48.54	
195	56.78	70.06	
200	80.01	91.71	
205	90.82	102.21	
210	82.00	93.63	
215	49.75	63.89	
220	47.36	61.86	
225	147.63	159.31	
230	293.59	310.46	
235	474.69	499.78	
240	681.12	716.13	
245	899.12	944.80	
250	1111.58	1167.74	
255	1299.86	1365.35	
260	1446.17	1518.92	
265	1536.05	1613.28	
270	1560.68	1639.12	
275	1518.40	1594.74	
280	1415.70	1486.94	
285	1267.63	1331.52	
290	1098.31	1153.81	
295	941.99	989.77	
300	841.09	883.91	
305	829.20	871.43	
310	902.71	948.56	
315	1026.08	1078.01	
320	1163.56	1222.29	
325	1292.55	1357.68	
330	1401.26	1471.78	
335	1484.32	1558.97	
340	1539.83	1617.24	
345	1567.49	1646.27	
350	1567.62	1646.41	
355	1540.60	1618.04	

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