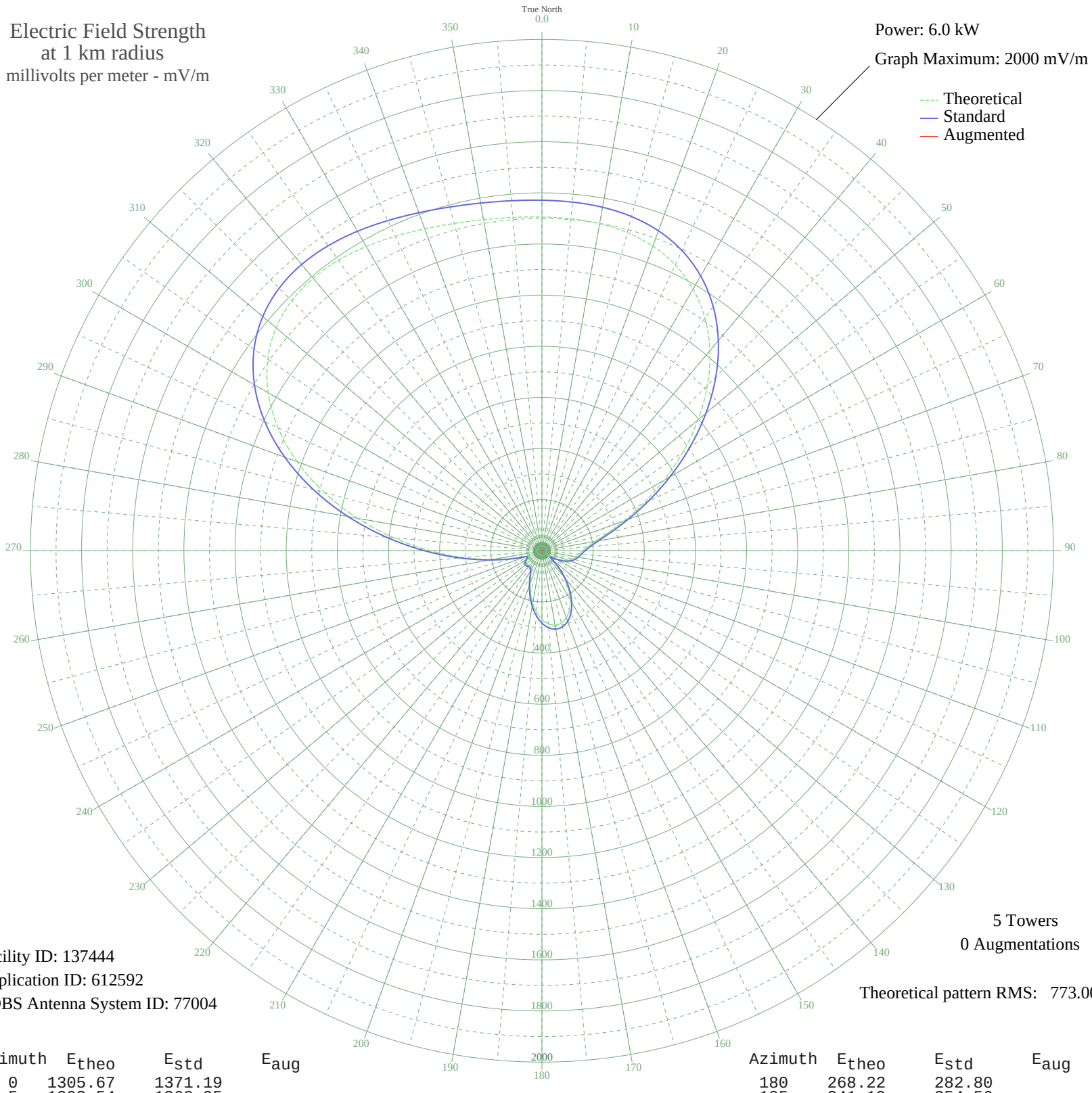
CFCO CHATHAM, ON Canada -- 630 kHz

Nighttime



Facility ID: 137444
Application ID: 612592
CDBS Antenna System ID: 77004

5 Towers
0 Augmentations

Theoretical pattern RMS: 773.00

Azimuth	E_{theo}	E_{std}	E_{aug}
0	1305.67	1371.19	
5	1303.54	1368.95	
10	1299.19	1364.39	
15	1288.79	1353.47	
20	1268.24	1331.90	
25	1233.65	1295.59	
30	1181.89	1241.25	
35	1111.19	1167.03	
40	1021.59	1072.97	
45	915.31	961.42	
50	796.77	837.00	
55	672.30	706.38	
60	549.51	577.56	
65	436.33	458.87	
70	339.83	357.75	
75	264.84	279.27	
80	212.42	224.52	
85	179.18	189.88	
90	158.86	168.78	
95	145.55	154.98	
100	134.97	144.03	
105	123.77	132.48	
110	108.84	117.14	
115	87.75	95.66	
120	59.92	67.97	
125	31.68	42.05	
130	41.36	50.48	
135	84.11	91.99	
140	132.09	141.06	
145	178.69	189.38	
150	220.31	232.75	
155	254.28	268.23	
160	278.72	293.79	
165	292.47	308.17	
170	295.05	310.87	
175	286.68	302.11	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	268.22	282.80	
185	241.19	254.56	
190	207.80	219.70	
195	170.93	181.31	
200	134.25	143.29	
205	102.30	110.45	
210	80.28	88.13	
215	71.42	79.28	
220	72.38	80.24	
225	75.97	83.81	
230	77.22	85.06	
235	73.77	81.61	
240	64.69	72.63	
245	53.61	61.88	
250	62.18	70.18	
255	112.00	120.38	
260	195.31	206.68	
265	305.05	321.33	
270	435.88	458.40	
275	581.08	610.68	
280	732.45	769.50	
285	881.14	925.55	
290	1018.82	1070.07	
295	1138.62	1195.83	
300	1235.92	1297.97	
305	1308.59	1374.26	
310	1356.96	1425.05	
315	1383.46	1452.87	
320	1391.98	1461.80	
325	1387.22	1456.81	
330	1374.08	1443.01	
335	1357.08	1425.17	
340	1339.98	1407.21	
345	1325.46	1391.97	
350	1314.99	1380.97	
355	1308.74	1374.42	

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.

20 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission