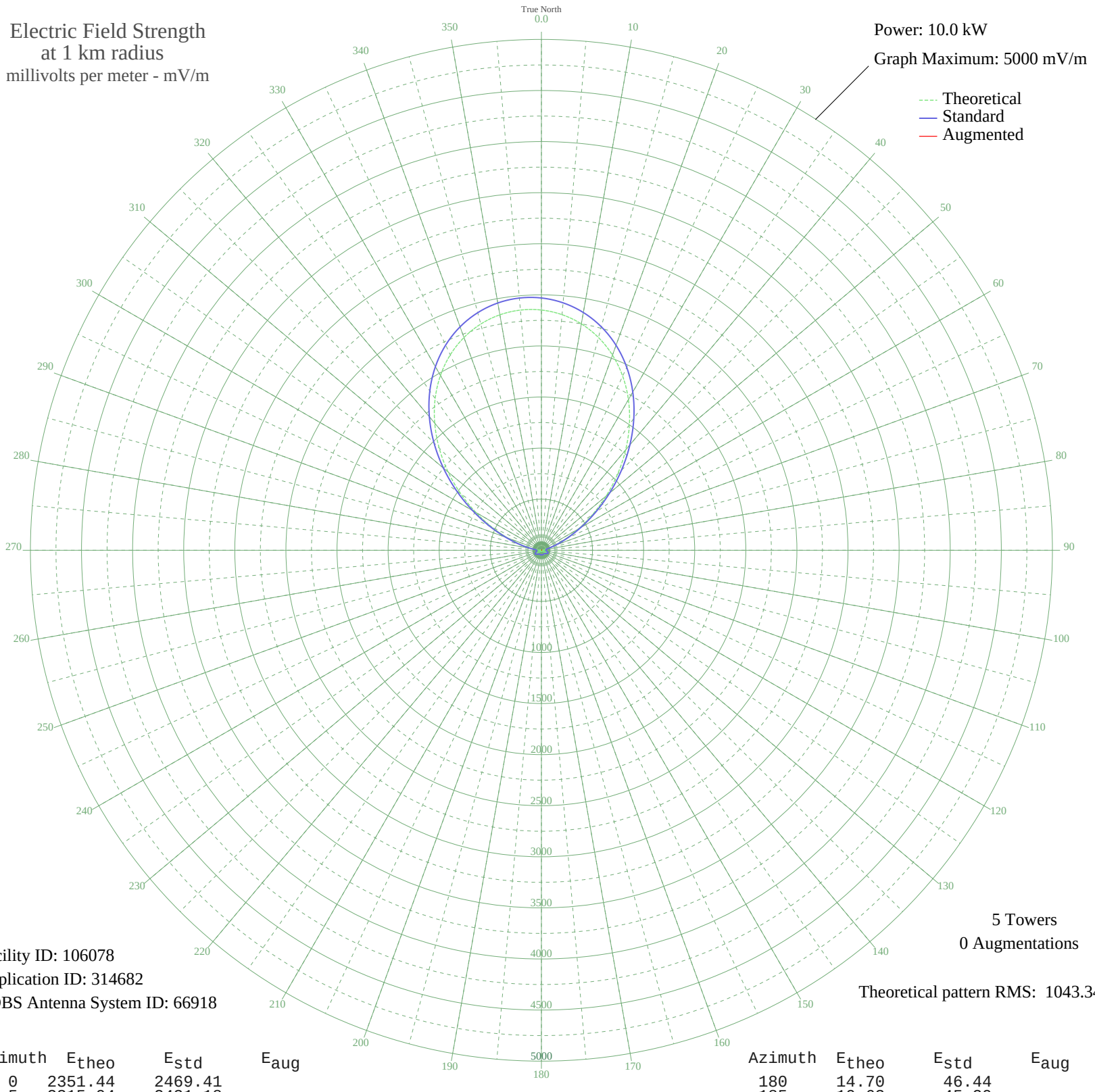
CHYM KITCHENER, ON Canada -- 570 kHz

Unlimited Time

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



Power: 10.0 kW

Graph Maximum: 5000 mV/m

Theoretical
Standard
Augmented

5 Towers
0 Augmentations

Facility ID: 106078
Application ID: 314682
CDBS Antenna System ID: 66918

Theoretical pattern RMS: 1043.34

Azimuth	E_{theo}	E_{std}	E_{aug}
0	2351.44	2469.41	
5	2315.04	2431.18	
10	2250.14	2363.05	
15	2156.22	2264.46	
20	2033.04	2135.14	
25	1881.16	1975.70	
30	1702.49	1788.15	
35	1500.81	1576.46	
40	1282.05	1346.86	
45	1054.31	1107.89	
50	827.48	869.96	
55	612.41	644.52	
60	419.67	442.82	
65	258.17	274.59	
70	133.85	147.21	
75	48.71	67.34	
80	0.53	43.80	
85	16.71	47.18	
90	11.69	45.49	
95	5.86	44.23	
100	26.82	52.07	
105	44.06	63.71	
110	53.31	71.08	
115	53.28	71.05	
120	45.21	64.59	
125	31.98	55.19	
130	17.12	47.34	
135	3.87	43.99	
140	5.44	44.17	
145	9.72	44.97	
150	9.11	44.83	
155	4.72	44.08	
160	1.73	43.84	
165	8.34	44.67	
170	13.40	46.01	
175	15.70	46.80	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	14.70	46.44	
185	10.63	45.20	
190	4.46	44.05	
195	2.28	43.87	
200	7.72	44.54	
205	10.02	45.05	
210	7.77	44.55	
215	0.41	43.80	
220	11.47	45.43	
225	26.03	51.63	
230	40.34	60.93	
235	50.88	69.09	
240	54.39	71.97	
245	48.86	67.45	
250	34.47	56.82	
255	14.29	46.30	
260	5.63	44.20	
265	16.83	47.23	
270	9.63	44.95	
275	25.27	51.21	
280	95.12	109.06	
285	203.77	218.40	
290	350.91	371.05	
295	532.08	560.40	
300	739.43	777.64	
305	962.87	1011.96	
310	1191.51	1251.85	
315	1414.95	1486.34	
320	1624.30	1706.08	
325	1812.74	1903.88	
330	1975.66	2074.91	
335	2110.45	2216.41	
340	2216.08	2327.30	
345	2292.53	2407.55	
350	2340.26	2457.67	
355	2359.82	2478.19	

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.

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Prepared by Audio Division, Media Bureau
Federal Communications Commission