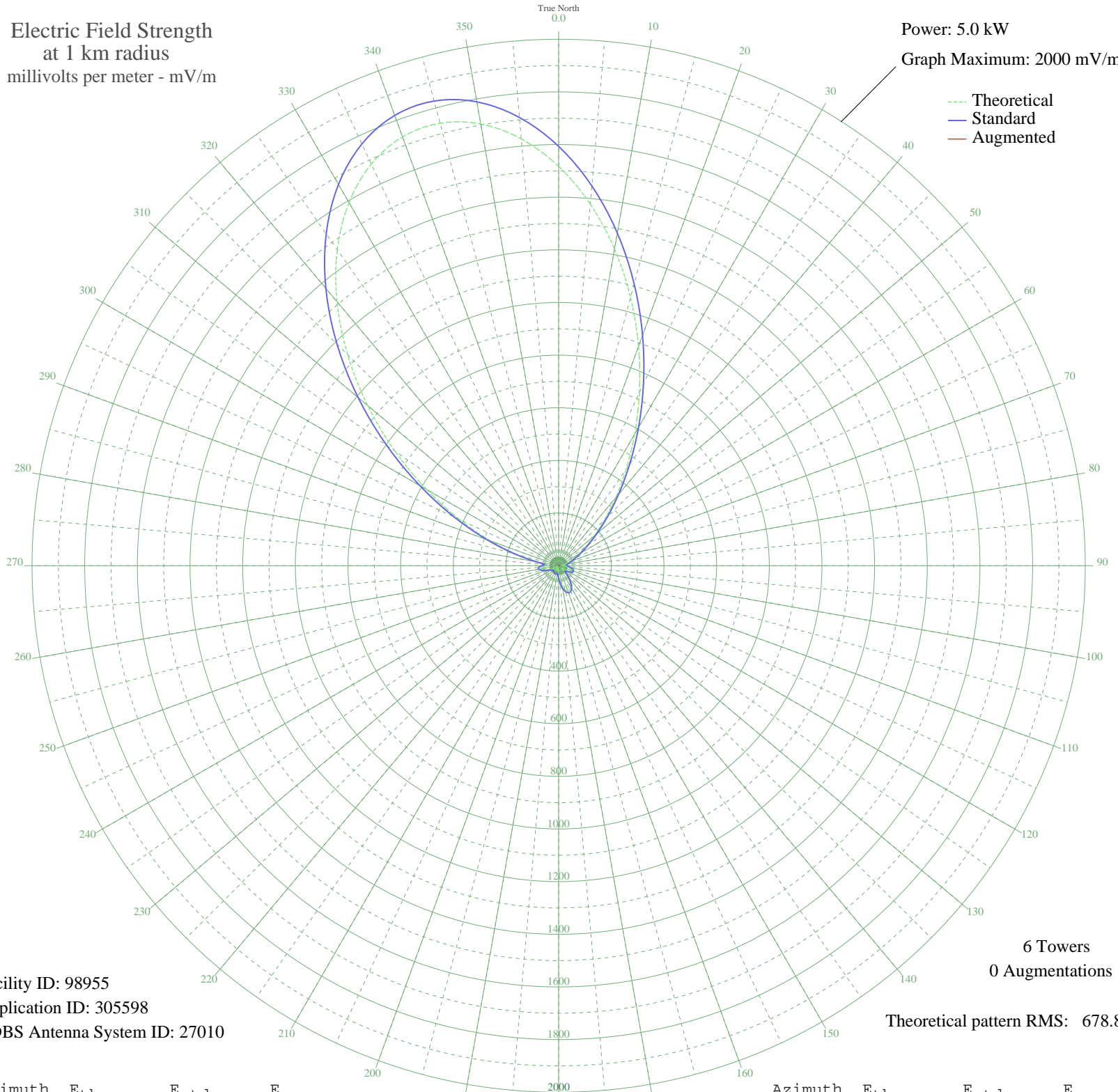


# CIAM CAMBRIDGE, ON Canada -- 960 kHz

Daytime

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

Power: 5.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 98955  
Application ID: 305598  
CDBS Antenna System ID: 27010

6 Towers  
0 Augmentations

Theoretical pattern RMS: 678.80

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1516.96	1593.04	
5	1378.87	1448.07	
10	1221.91	1283.30	
15	1055.02	1108.11	
20	886.94	931.68	
25	725.50	762.26	
30	577.12	606.59	
35	446.44	469.56	
40	336.14	353.99	
45	246.93	260.71	
50	177.84	188.71	
55	126.50	135.58	
60	89.61	97.95	
65	63.52	72.04	
70	44.74	54.30	
75	30.40	41.96	
80	18.95	33.73	
85	12.59	30.28	
90	17.57	32.90	
95	28.26	40.28	
100	38.94	49.13	
105	46.98	56.35	
110	50.44	59.56	
115	47.93	57.22	
120	38.89	49.08	
125	24.24	37.28	
130	12.39	30.18	
135	27.90	40.00	
140	51.40	60.46	
145	73.24	81.58	
150	89.99	98.34	
155	99.45	107.91	
160	100.51	108.99	
165	93.28	101.66	
170	79.03	87.34	
175	60.00	68.64	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	39.04	49.22	
185	19.41	34.02	
190	7.63	28.39	
195	13.55	30.73	
200	18.85	33.67	
205	19.12	33.84	
210	15.25	31.59	
215	9.32	28.94	
220	4.99	27.74	
225	5.82	27.91	
230	6.61	28.11	
235	7.30	28.29	
240	14.78	31.35	
245	28.31	40.31	
250	44.26	53.87	
255	58.98	67.65	
260	68.32	76.73	
265	68.09	76.51	
270	56.01	64.81	
275	43.62	53.29	
280	78.62	86.93	
285	160.85	171.08	
290	274.93	289.96	
295	415.98	437.63	
300	579.37	608.95	
305	758.88	797.29	
310	946.61	994.31	
315	1133.44	1190.42	
320	1309.63	1375.38	
325	1465.58	1539.10	
330	1592.58	1672.43	
335	1683.54	1767.92	
340	1733.53	1820.41	
345	1740.20	1827.41	
350	1703.92	1789.32	
355	1627.71	1709.32	

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.

03 Jul 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission