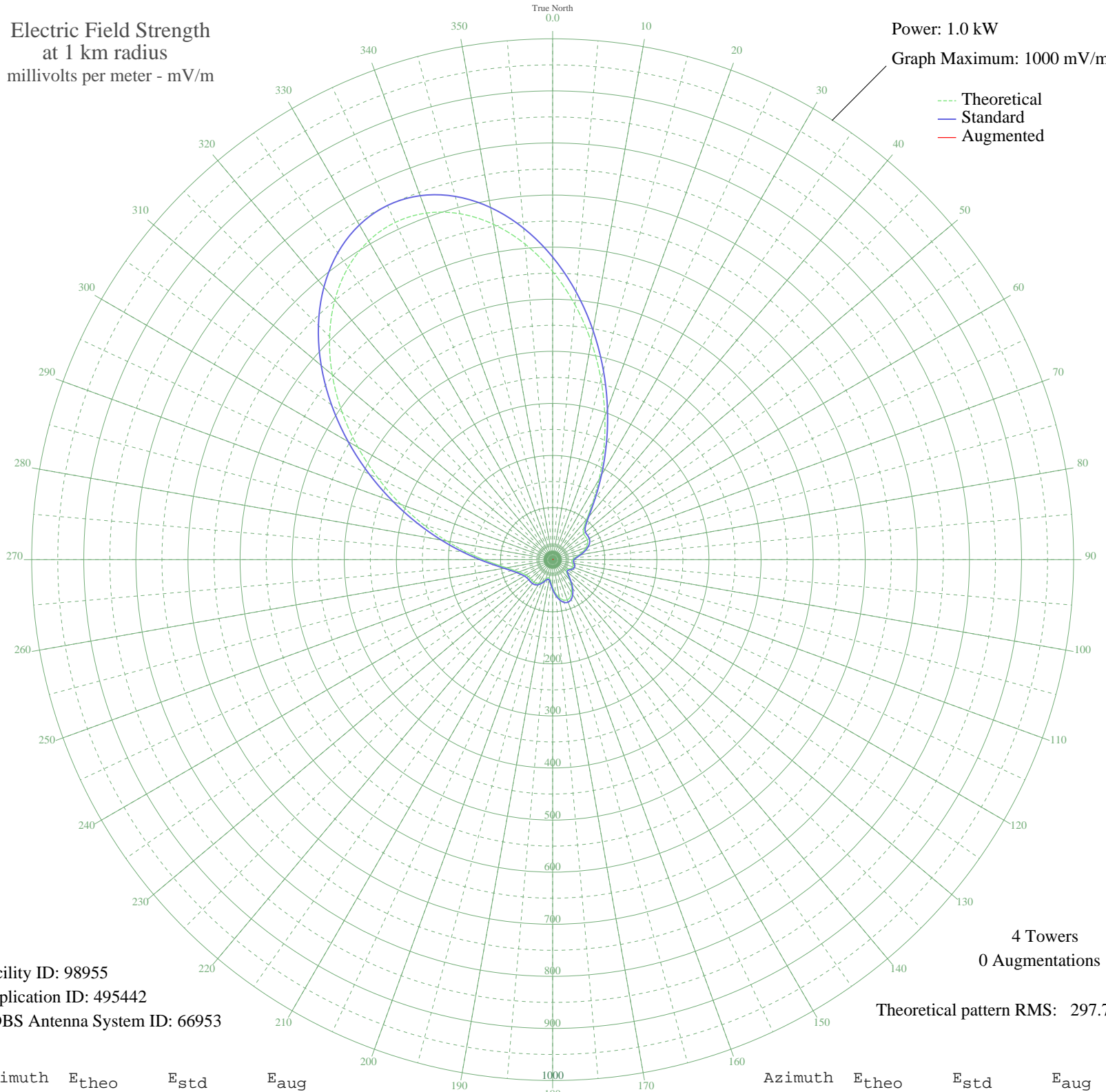


# CIAM CAMBRIDGE, ON Canada -- 960 kHz

Daytime

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

Power: 1.0 kW  
Graph Maximum: 1000 mV/m



Facility ID: 98955  
Application ID: 495442  
CDBS Antenna System ID: 66953

4 Towers  
0 Augmentations

Theoretical pattern RMS: 297.73

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	553.26	581.01	
5	491.36	516.03	
10	425.38	446.77	
15	358.23	376.29	
20	292.81	307.62	
25	231.85	243.67	
30	178.02	187.21	
35	133.91	140.99	
40	102.09	107.71	
45	84.06	88.88	
50	77.64	82.19	
55	76.97	81.50	
60	76.67	81.19	
65	74.02	78.42	
70	68.36	72.54	
75	60.29	64.17	
80	51.16	54.74	
85	42.95	46.30	
90	37.83	41.08	
95	36.84	40.08	
100	38.63	41.89	
105	40.66	43.97	
110	41.07	44.39	
115	39.15	42.43	
120	35.49	38.71	
125	32.35	35.55	
130	33.38	36.58	
135	40.36	43.66	
140	51.19	54.76	
145	62.76	66.73	
150	72.72	77.07	
155	79.47	84.10	
160	82.07	86.81	
165	80.17	84.83	
170	74.05	78.45	
175	64.58	68.62	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	53.33	56.98	
185	42.69	46.04	
190	35.99	39.22	
195	35.77	38.99	
200	40.56	43.86	
205	46.72	50.16	
210	51.84	55.43	
215	55.01	58.70	
220	56.28	60.02	
225	56.34	60.08	
230	56.16	59.90	
235	56.78	60.54	
240	58.90	62.73	
245	62.83	66.81	
250	68.77	72.97	
255	77.30	81.85	
260	89.65	94.72	
265	107.52	113.38	
270	132.47	139.49	
275	165.44	174.03	
280	206.55	217.14	
285	255.20	268.17	
290	310.16	325.84	
295	369.69	388.31	
300	431.59	453.30	
305	493.36	518.14	
310	552.27	579.98	
315	605.53	635.89	
320	650.49	683.10	
325	684.80	719.12	
330	706.58	741.98	
335	714.55	750.35	
340	708.15	743.63	
345	687.57	722.03	
350	653.73	686.50	
355	608.24	638.74	

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