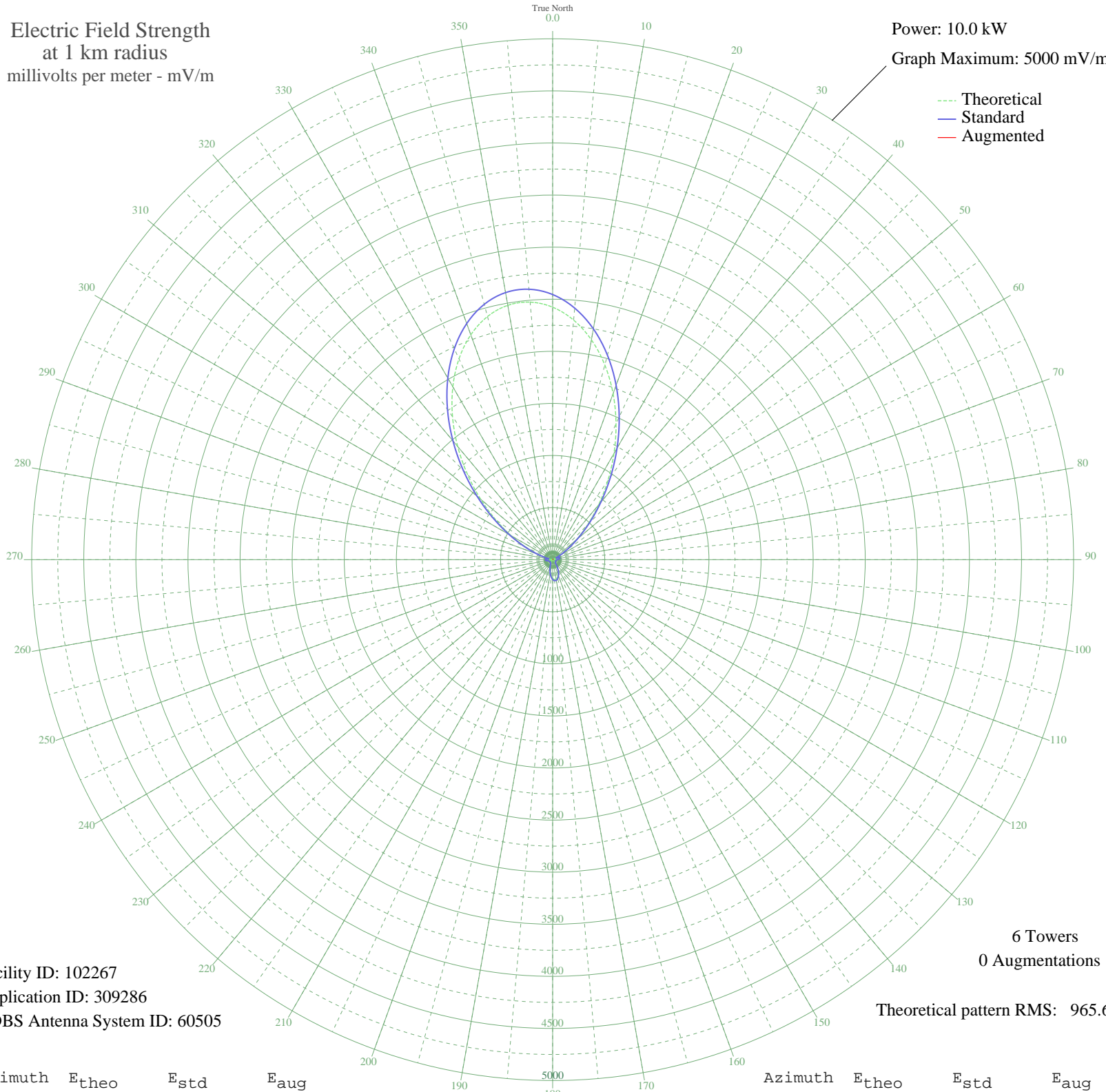


# CKOT TILLSONBURG, ON Canada -- 1200 kHz

Nighttime

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

Power: 10.0 kW  
Graph Maximum: 5000 mV/m



Facility ID: 102267  
Application ID: 309286  
CDBS Antenna System ID: 60505

6 Towers  
0 Augmentations

Theoretical pattern RMS: 965.61

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	2423.84	2545.25	
5	2308.73	2424.40	
10	2142.71	2250.09	
15	1934.77	2031.78	
20	1696.05	1781.16	
25	1439.02	1511.33	
30	1176.61	1235.89	
35	921.33	967.97	
40	684.30	719.28	
45	474.52	499.35	
50	298.31	314.98	
55	158.97	170.18	
60	56.80	68.26	
65	10.64	35.03	
70	48.01	60.36	
75	61.53	72.64	
80	58.22	69.56	
85	45.06	57.80	
90	28.32	44.57	
95	12.96	35.88	
100	2.24	33.29	
105	2.48	33.31	
110	1.67	33.25	
115	2.69	33.32	
120	7.57	34.14	
125	9.62	34.71	
130	5.80	33.76	
135	6.05	33.81	
140	26.43	43.27	
145	54.41	66.07	
150	87.39	97.58	
155	121.59	131.92	
160	152.67	163.70	
165	176.41	188.18	
170	189.50	201.73	
175	190.08	202.33	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	178.06	189.89	
185	155.18	166.29	
190	124.64	135.02	
195	90.61	100.76	
200	57.43	68.84	
205	28.98	45.04	
210	7.94	34.23	
215	4.58	33.55	
220	9.01	34.53	
225	7.37	34.09	
230	2.63	33.32	
235	1.82	33.26	
240	2.94	33.35	
245	1.37	33.24	
250	11.71	35.41	
255	26.87	43.57	
260	43.73	56.67	
265	57.47	68.88	
270	61.90	72.99	
275	50.06	62.17	
280	14.91	36.71	
285	49.85	61.98	
290	149.05	159.98	
295	285.33	301.43	
300	458.62	482.70	
305	665.87	699.95	
310	900.99	946.63	
315	1155.20	1213.41	
320	1417.49	1488.73	
325	1675.46	1759.55	
330	1916.18	2012.26	
335	2127.08	2233.68	
340	2296.92	2412.00	
345	2416.49	2537.53	
350	2479.24	2603.42	
355	2481.74	2606.04	

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.

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13 Nov 2009

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Prepared by Audio Division, Media Bureau  
Federal Communications Commission