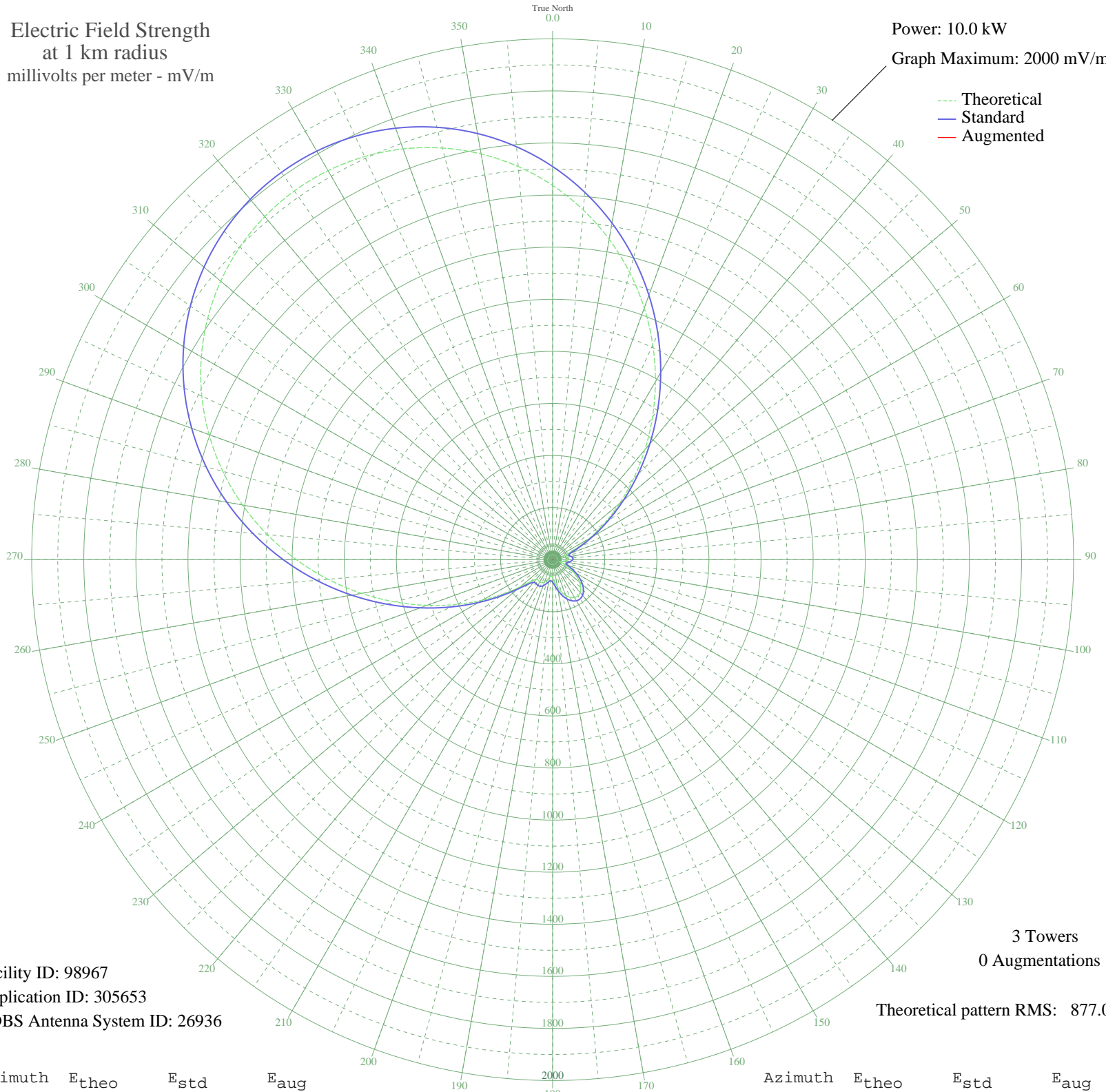


# CFLS LEVIS, QC Canada -- 920 kHz

Nighttime

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

Power: 10.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 98967  
Application ID: 305653  
CDBS Antenna System ID: 26936

3 Towers  
0 Augmentations

Theoretical pattern RMS: 877.09

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1436.99	1509.55	
5	1347.94	1416.10	
10	1249.13	1312.42	
15	1141.95	1199.96	
20	1028.11	1080.52	
25	909.65	956.27	
30	788.90	829.65	
35	668.40	703.36	
40	550.81	580.23	
45	438.84	463.13	
50	335.06	354.88	
55	241.91	258.25	
60	161.69	176.05	
65	97.01	112.02	
70	53.23	72.77	
75	41.72	63.96	
80	51.74	71.58	
85	59.44	77.89	
90	58.61	77.19	
95	49.62	69.90	
100	35.57	59.72	
105	26.15	54.08	
110	37.69	61.14	
115	61.91	79.98	
120	88.55	104.00	
125	113.88	128.33	
130	135.83	150.04	
135	152.98	167.25	
140	164.35	178.75	
145	169.35	183.83	
150	167.79	182.24	
155	159.86	174.20	
160	146.17	160.39	
165	127.85	142.10	
170	106.69	121.33	
175	85.53	101.18	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	69.00	86.14	
185	62.97	80.89	
190	68.80	85.97	
195	80.46	96.48	
200	91.37	106.66	
205	97.78	112.75	
210	98.64	113.57	
215	96.29	111.33	
220	98.73	113.66	
225	118.52	132.88	
230	162.36	176.73	
235	227.81	243.70	
240	310.43	329.27	
245	406.54	429.41	
250	513.00	540.66	
255	626.85	659.84	
260	745.16	783.81	
265	865.12	909.57	
270	984.02	1034.27	
275	1099.37	1155.28	
280	1208.97	1270.27	
285	1310.94	1377.27	
290	1403.73	1474.66	
295	1486.16	1561.16	
300	1557.31	1635.84	
305	1616.57	1698.04	
310	1663.52	1747.32	
315	1697.90	1783.41	
320	1719.58	1806.16	
325	1728.48	1815.51	
330	1724.59	1811.42	
335	1707.90	1793.90	
340	1678.47	1763.00	
345	1636.39	1718.84	
350	1581.86	1661.60	
355	1515.21	1591.66	

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