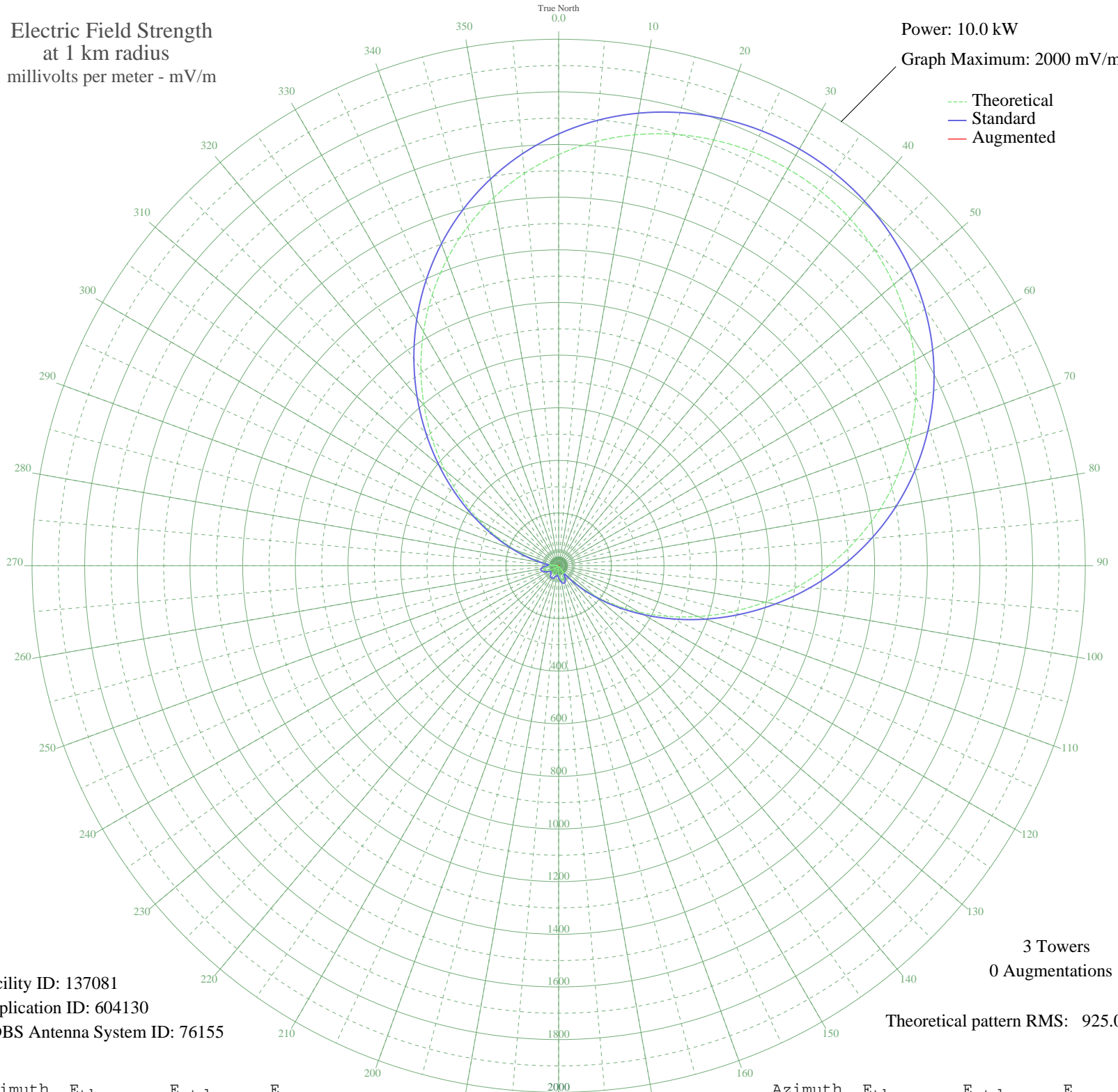


# CKVL MONTREAL, QC Canada -- 850 kHz

Nighttime

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

Power: 10.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 137081  
Application ID: 604130  
CDBS Antenna System ID: 76155

3 Towers  
0 Augmentations

Theoretical pattern RMS: 925.00

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1561.82	1640.33	
5	1617.18	1698.44	
10	1662.11	1745.61	
15	1696.77	1781.99	
20	1721.33	1807.78	
25	1735.99	1823.16	
30	1740.86	1828.27	
35	1735.99	1823.16	
40	1721.33	1807.78	
45	1696.77	1781.99	
50	1662.11	1745.61	
55	1617.18	1698.44	
60	1561.82	1640.33	
65	1496.03	1571.27	
70	1419.96	1491.42	
75	1334.05	1401.24	
80	1239.03	1301.51	
85	1136.01	1193.38	
90	1026.45	1078.41	
95	912.20	958.52	
100	795.40	835.99	
105	678.44	713.32	
110	563.82	593.17	
115	454.07	478.20	
120	351.54	370.96	
125	258.34	273.76	
130	176.17	188.63	
135	106.25	117.52	
140	49.25	63.55	
145	5.28	37.35	
150	26.09	45.99	
155	45.79	60.63	
160	55.16	68.69	
165	55.83	69.29	
170	49.65	63.90	
175	38.54	54.80	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	24.42	44.96	
185	9.07	38.15	
190	5.86	37.45	
195	18.97	41.97	
200	29.17	47.98	
205	35.61	52.56	
210	37.82	54.23	
215	35.61	52.56	
220	29.17	47.98	
225	18.97	41.97	
230	5.86	37.45	
235	9.07	38.15	
240	24.42	44.96	
245	38.54	54.80	
250	49.65	63.90	
255	55.83	69.29	
260	55.16	68.69	
265	45.79	60.63	
270	26.09	45.99	
275	5.28	37.35	
280	49.25	63.55	
285	106.25	117.52	
290	176.17	188.63	
295	258.34	273.76	
300	351.54	370.96	
305	454.07	478.20	
310	563.82	593.17	
315	678.44	713.32	
320	795.40	835.99	
325	912.20	958.52	
330	1026.45	1078.41	
335	1136.01	1193.38	
340	1239.03	1301.51	
345	1334.05	1401.24	
350	1419.96	1491.42	
355	1496.03	1571.27	

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