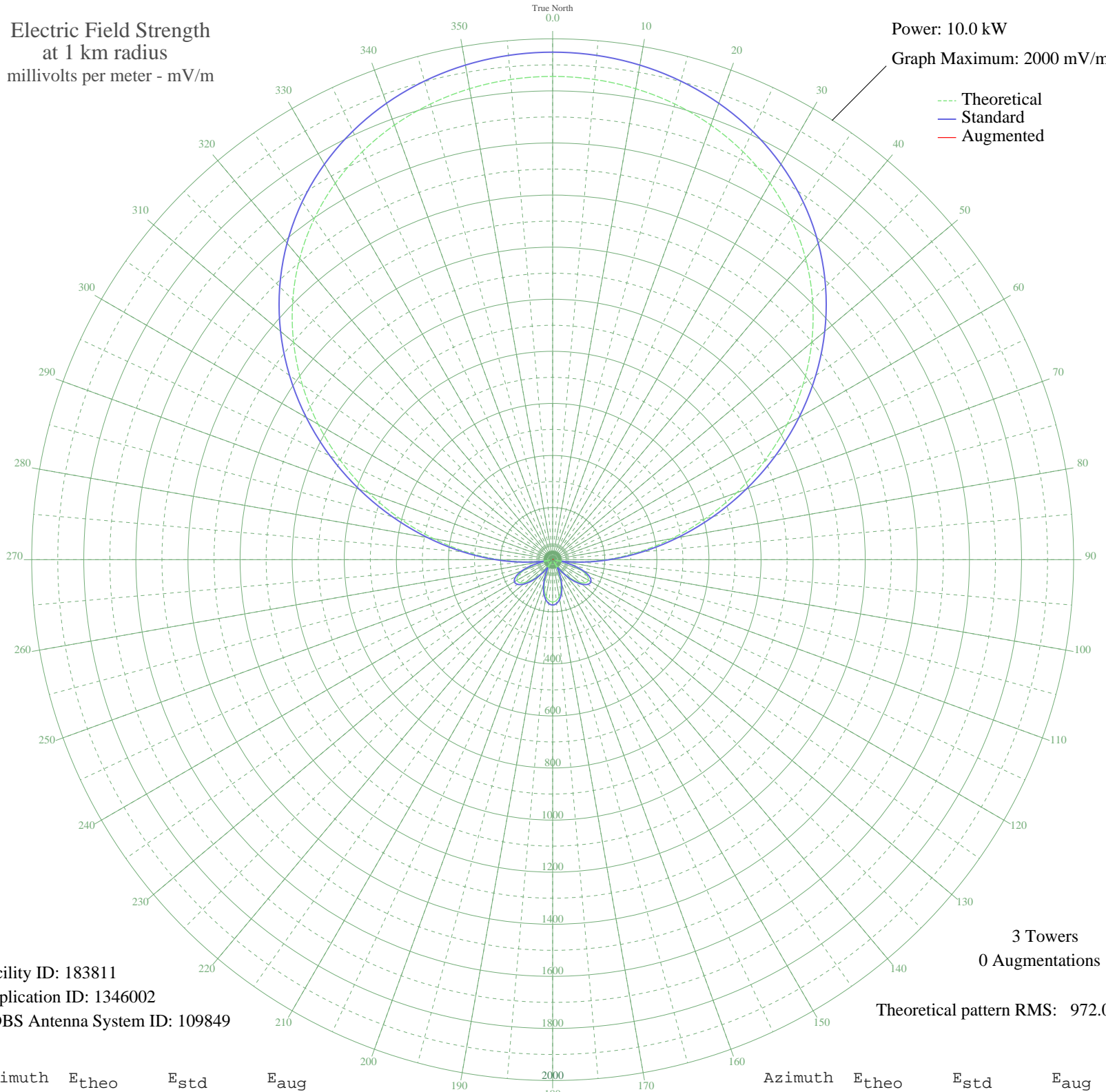


CJWI MONTREAL, QC Canada -- 1410 kHz

Nighttime

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

Power: 10.0 kW
Graph Maximum: 2000 mV/m



Facility ID: 183811
Application ID: 1346002
CDBS Antenna System ID: 109849

3 Towers
0 Augmentations

Theoretical pattern RMS: 972.05

Azimuth	E _{theo}	E _{std}	E _{aug}
0	1855.66	1948.74	
5	1850.84	1943.68	
10	1836.25	1928.36	
15	1811.46	1902.34	
20	1775.87	1864.97	
25	1728.69	1815.45	
30	1669.15	1752.94	
35	1596.55	1676.73	
40	1510.47	1586.37	
45	1410.89	1481.83	
50	1298.32	1363.66	
55	1173.92	1233.09	
60	1039.58	1092.10	
65	897.89	943.40	
70	752.08	790.43	
75	605.91	637.12	
80	463.42	487.80	
85	328.74	346.87	
90	205.74	218.72	
95	97.92	108.36	
100	11.36	36.24	
105	64.36	75.75	
110	114.88	125.39	
115	145.74	156.81	
120	158.04	169.43	
125	153.78	165.06	
130	135.65	146.48	
135	106.72	117.16	
140	70.33	81.39	
145	30.21	46.66	
150	15.86	38.06	
155	54.40	66.59	
160	90.58	101.07	
165	120.90	131.47	
170	143.69	154.70	
175	157.81	169.19	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	162.59	174.11	
185	157.81	169.19	
190	143.69	154.70	
195	120.90	131.47	
200	90.58	101.07	
205	54.40	66.59	
210	15.86	38.06	
215	30.21	46.66	
220	70.33	81.39	
225	106.72	117.16	
230	135.65	146.48	
235	153.78	165.06	
240	158.04	169.43	
245	145.74	156.81	
250	114.88	125.39	
255	64.36	75.75	
260	11.36	36.24	
265	97.92	108.36	
270	205.74	218.73	
275	328.74	346.87	
280	463.43	487.80	
285	605.91	637.13	
290	752.08	790.43	
295	897.89	943.40	
300	1039.58	1092.10	
305	1173.92	1233.10	
310	1298.32	1363.67	
315	1410.89	1481.83	
320	1510.47	1586.37	
325	1596.55	1676.73	
330	1669.15	1752.94	
335	1728.69	1815.45	
340	1775.87	1864.97	
345	1811.46	1902.34	
350	1836.25	1928.36	
355	1850.84	1943.68	

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.

10 Nov 2011

Prepared by Audio Division, Media Bureau
Federal Communications Commission