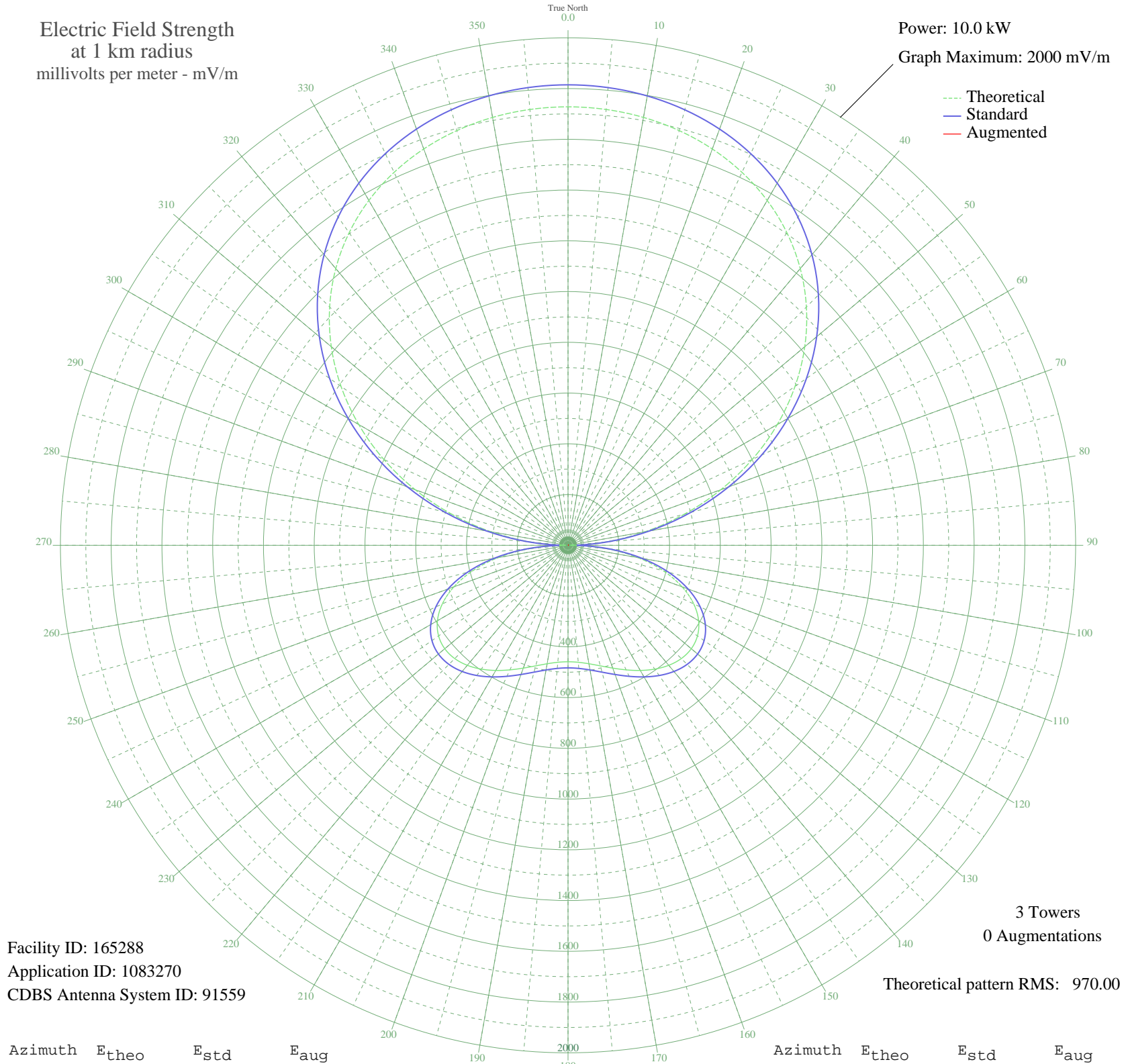


# GRAN GRANBY, QC Canada -- 1470 kHz

Daytime

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

Power: 10.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 165288  
Application ID: 1083270  
CDBS Antenna System ID: 91559

3 Towers  
0 Augmentations

Theoretical pattern RMS: 970.00

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1728.04	1814.74	
5	1724.17	1810.68	
10	1712.36	1798.28	
15	1692.01	1776.92	
20	1662.21	1745.63	
25	1621.76	1703.17	
30	1569.36	1648.16	
35	1503.69	1579.22	
40	1423.61	1495.16	
45	1328.34	1395.15	
50	1217.62	1278.93	
55	1091.87	1146.94	
60	952.30	1000.47	
65	800.98	841.68	
70	640.79	673.65	
75	475.35	500.22	
80	308.83	325.96	
85	145.69	156.54	
90	9.57	34.69	
95	152.78	163.82	
100	280.34	296.22	
105	389.48	410.30	
110	478.44	503.46	
115	546.53	574.82	
120	594.12	624.71	
125	622.57	654.54	
130	634.02	666.55	
135	631.24	663.63	
140	617.35	649.06	
145	595.64	626.30	
150	569.37	598.76	
155	541.57	569.62	
160	514.96	541.73	
165	491.83	517.49	
170	474.00	498.81	
175	462.77	487.04	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	458.94	483.03	
185	462.77	487.04	
190	474.00	498.81	
195	491.83	517.49	
200	514.97	541.73	
205	541.57	569.62	
210	569.37	598.76	
215	595.64	626.30	
220	617.35	649.06	
225	631.24	663.63	
230	634.02	666.55	
235	622.57	654.54	
240	594.12	624.71	
245	546.53	574.82	
250	478.44	503.46	
255	389.48	410.30	
260	280.33	296.22	
265	152.78	163.81	
270	9.57	34.69	
275	145.70	156.54	
280	308.83	325.97	
285	475.35	500.22	
290	640.79	673.65	
295	800.98	841.69	
300	952.30	1000.47	
305	1091.87	1146.95	
310	1217.62	1278.93	
315	1328.34	1395.15	
320	1423.61	1495.16	
325	1503.69	1579.22	
330	1569.36	1648.16	
335	1621.76	1703.18	
340	1662.21	1745.63	
345	1692.01	1776.92	
350	1712.36	1798.28	
355	1724.17	1810.68	

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.

17 Oct 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission