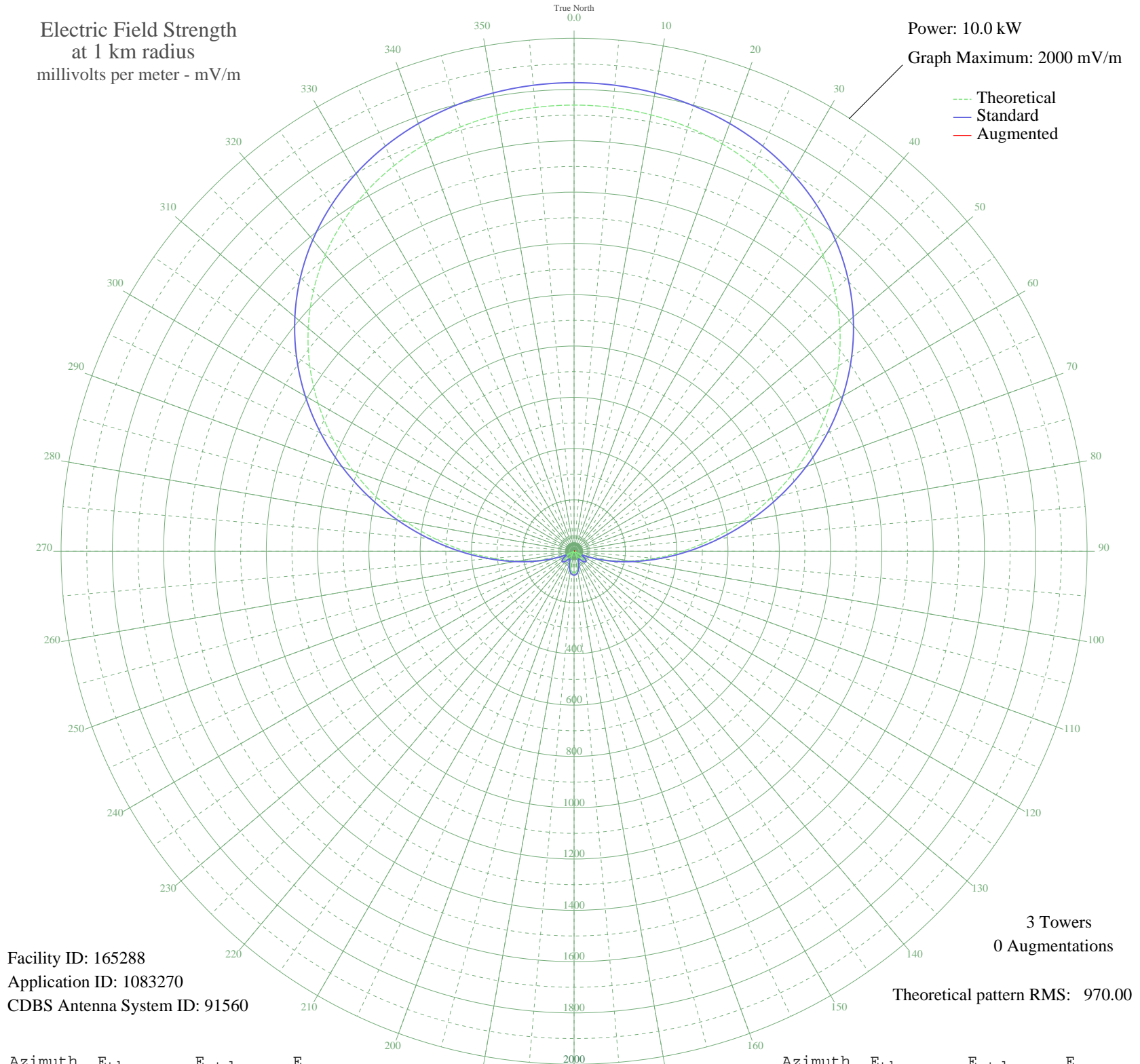


# GRAN GRANBY, QC Canada -- 1470 kHz

Nighttime

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

Power: 10.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 165288  
Application ID: 1083270  
CDBS Antenna System ID: 91560

3 Towers  
0 Augmentations  
Theoretical pattern RMS: 970.00

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1739.41	1826.69	
5	1736.48	1823.61	
10	1727.54	1814.22	
15	1712.14	1798.05	
20	1689.57	1774.36	
25	1658.94	1742.21	
30	1619.27	1700.55	
35	1569.54	1648.35	
40	1508.91	1584.70	
45	1436.77	1508.97	
50	1352.93	1420.97	
55	1257.72	1321.02	
60	1152.04	1210.10	
65	1037.46	1089.84	
70	916.17	962.55	
75	790.90	831.11	
80	664.82	698.85	
85	541.30	569.33	
90	423.73	446.16	
95	315.30	332.73	
100	218.71	232.04	
105	136.07	146.68	
110	68.71	79.42	
115	17.16	37.78	
120	18.88	38.67	
125	40.42	53.89	
130	49.09	61.31	
135	46.98	59.46	
140	36.46	50.68	
145	20.03	39.30	
150	0.14	33.20	
155	20.91	39.81	
160	41.06	54.42	
165	58.57	69.89	
170	72.08	82.64	
175	80.58	90.89	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	83.48	93.73	
185	80.58	90.89	
190	72.08	82.64	
195	58.57	69.89	
200	41.06	54.41	
205	20.91	39.81	
210	0.14	33.20	
215	20.03	39.30	
220	36.46	50.68	
225	46.98	59.46	
230	49.09	61.31	
235	40.42	53.89	
240	18.88	38.67	
245	17.16	37.78	
250	68.71	79.42	
255	136.07	146.68	
260	218.71	232.04	
265	315.30	332.73	
270	423.74	446.16	
275	541.30	569.33	
280	664.82	698.85	
285	790.90	831.11	
290	916.17	962.55	
295	1037.47	1089.85	
300	1152.04	1210.10	
305	1257.72	1321.02	
310	1352.94	1420.97	
315	1436.77	1508.97	
320	1508.91	1584.70	
325	1569.54	1648.35	
330	1619.27	1700.55	
335	1658.95	1742.21	
340	1689.57	1774.36	
345	1712.14	1798.05	
350	1727.54	1814.22	
355	1736.48	1823.61	

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.

27 Jun 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission