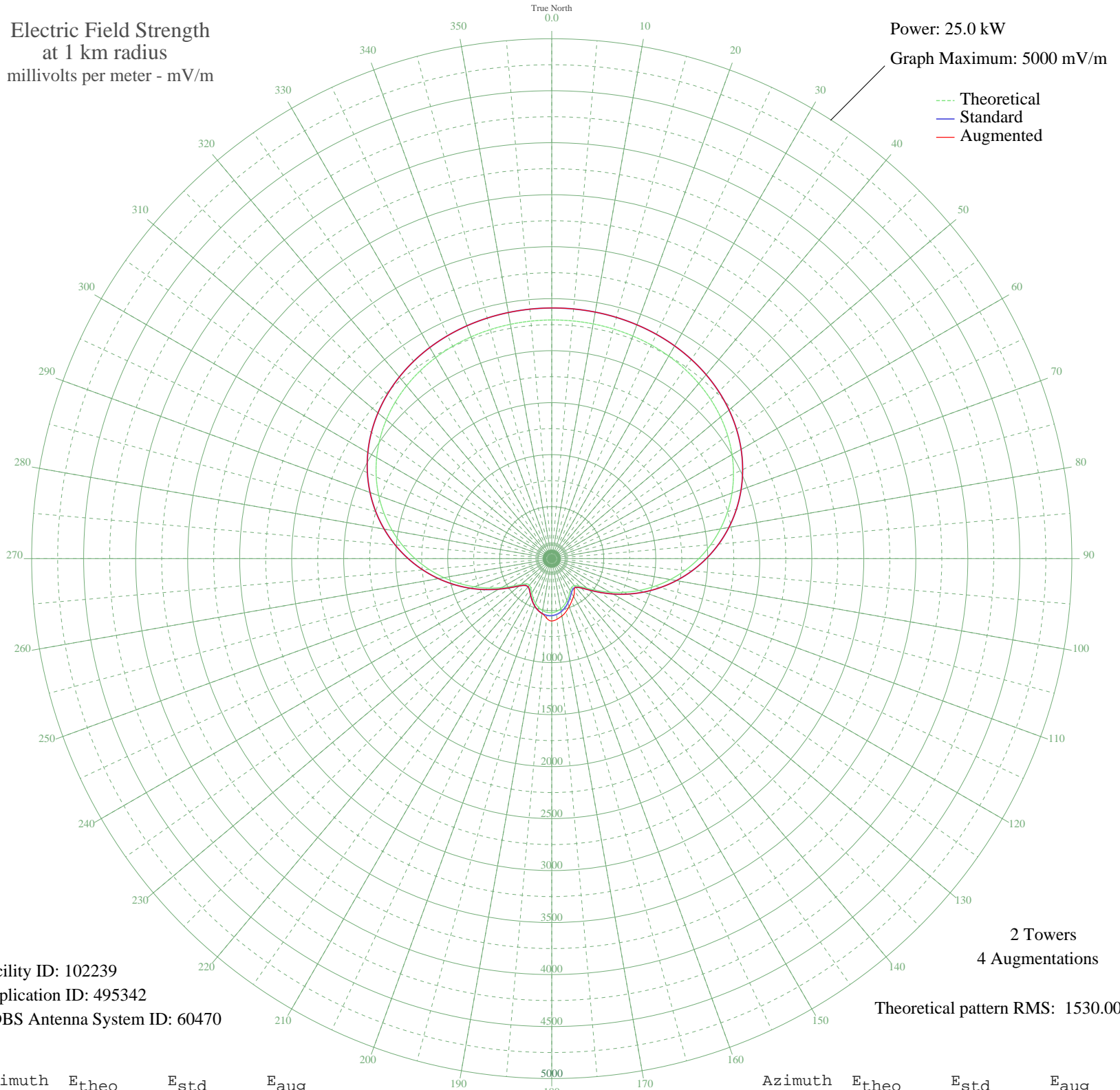


# CHMG ST. ALBERT, AB Canada -- 1200 kHz

Daytime

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

Power: 25.0 kW  
Graph Maximum: 5000 mV/m



Facility ID: 102239  
Application ID: 495342  
CDBS Antenna System ID: 60470

2 Towers  
4 Augmentations  
Theoretical pattern RMS: 1530.00

Azimuth	Etheo	Estd	Eaug
0	2295.29	2410.63	2410.63
5	2295.06	2410.38	2410.38
10	2292.39	2407.58	2407.58
15	2287.05	2401.98	2401.98
20	2278.60	2393.10	2393.10
25	2266.39	2380.28	2380.28
30	2249.63	2362.69	2362.69
35	2227.42	2339.38	2339.38
40	2198.79	2309.32	2309.32
45	2162.75	2271.49	2271.49
50	2118.38	2224.92	2224.92
55	2064.85	2168.73	2168.73
60	2001.53	2102.26	2102.26
65	1927.99	2025.07	2025.07
70	1844.11	1937.02	1937.02
75	1750.05	1838.30	1838.30
80	1646.34	1729.46	1729.46
85	1533.86	1611.41	1611.41
90	1413.84	1485.46	1485.46
95	1287.83	1353.24	1353.24
100	1157.72	1216.74	1216.74
105	1025.70	1078.27	1078.27
110	894.29	940.47	940.47
115	766.39	806.42	806.42
120	645.46	679.76	679.76
125	535.87	565.10	565.10
130	443.36	468.48	468.48
135	375.30	397.55	397.55
140	338.74	359.53	359.53
145	335.02	355.66	378.57
150	356.36	377.84	420.00
155	390.85	413.73	453.20
160	428.62	453.10	490.00
165	463.35	489.34	528.38
170	491.37	518.61	560.00
175	510.60	538.70	584.91

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.

23 Oct 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	Etheo	Estd	Eaug
180	519.93	548.44	600.00
185	518.88	547.35	573.76
190	507.52	535.48	535.48
195	486.42	513.44	513.44
200	456.85	482.56	482.56
205	421.15	445.31	445.31
210	383.43	406.01	406.01
215	350.66	371.92	371.92
220	333.40	353.98	353.98
225	343.33	364.30	364.30
230	386.58	409.29	409.29
235	460.16	486.02	486.02
240	556.63	586.81	586.81
245	668.90	704.30	704.30
250	791.53	832.77	832.77
255	920.39	967.84	967.84
260	1052.14	1106.00	1106.00
265	1183.97	1244.28	1244.28
270	1313.43	1380.10	1380.10
275	1438.38	1511.21	1511.21
280	1557.01	1635.70	1635.70
285	1667.82	1752.00	1752.00
290	1769.65	1858.88	1858.88
295	1861.71	1955.50	1955.50
300	1943.53	2041.38	2041.38
305	2015.00	2116.41	2116.41
310	2076.33	2180.77	2180.77
315	2127.96	2234.98	2234.98
320	2170.60	2279.73	2279.73
325	2205.07	2315.92	2315.92
330	2232.34	2344.55	2344.55
335	2253.39	2366.64	2366.64
340	2269.16	2383.20	2383.20
345	2280.57	2395.17	2395.17
350	2288.35	2403.34	2403.34
355	2293.13	2408.35	2408.35