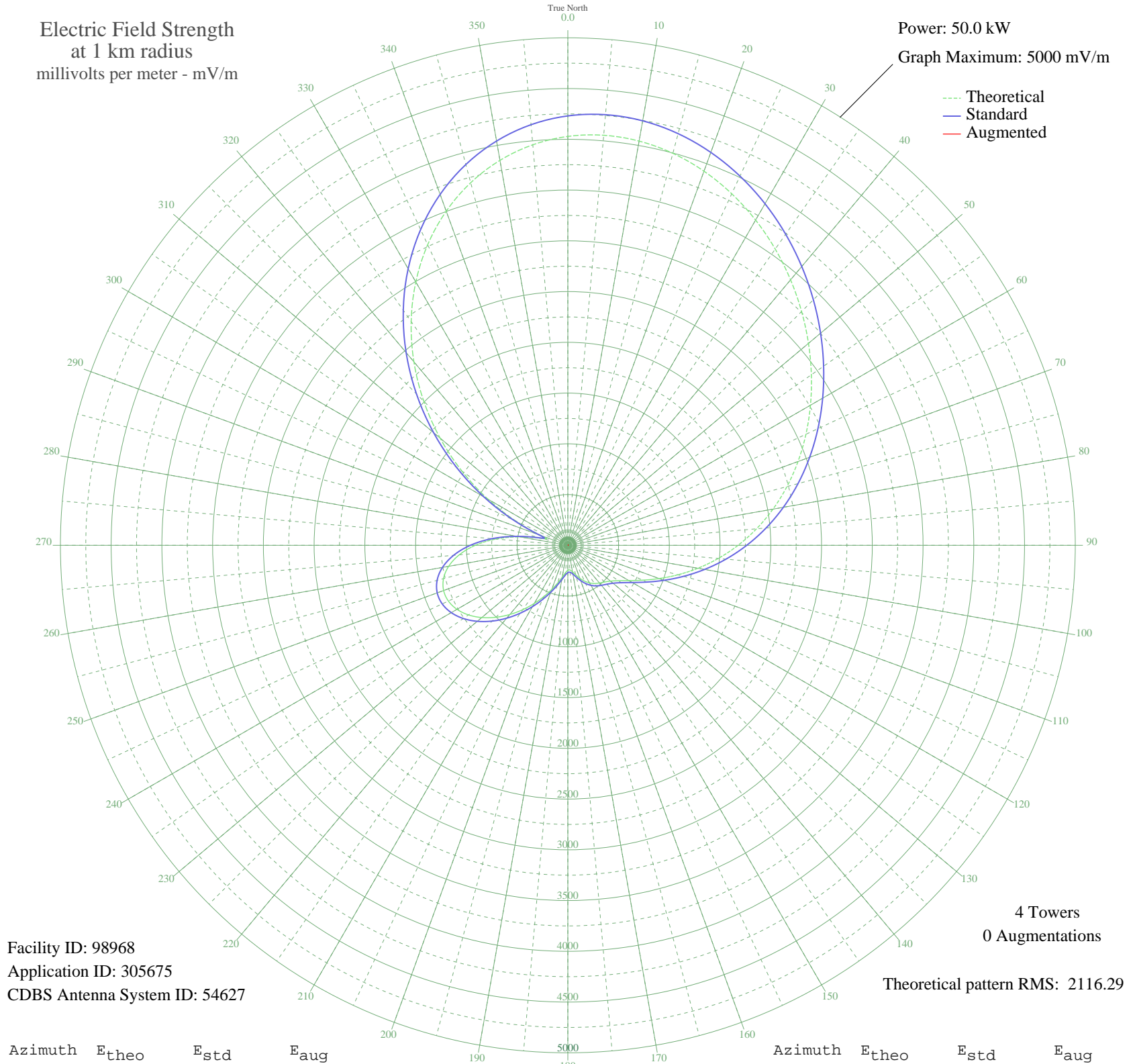


# CJCA EDMONTON, AB Canada -- 930 kHz

Nighttime

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

Power: 50.0 kW  
Graph Maximum: 5000 mV/m



Facility ID: 98968  
Application ID: 305675  
CDBS Antenna System ID: 54627

4 Towers  
0 Augmentations  
Theoretical pattern RMS: 2116.29

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	4028.65	4230.73	
5	4055.35	4258.77	
10	4044.02	4246.87	
15	3998.32	4198.90	
20	3922.60	4119.40	
25	3821.61	4013.38	
30	3700.22	3885.95	
35	3563.10	3741.99	
40	3414.41	3585.90	
45	3257.64	3421.33	
50	3095.40	3251.02	
55	2929.39	3076.75	
60	2760.45	2899.42	
65	2588.70	2719.15	
70	2413.81	2535.59	
75	2235.26	2348.19	
80	2052.72	2156.64	
85	1866.42	1961.14	
90	1677.42	1762.85	
95	1487.91	1564.07	
100	1301.37	1368.46	
105	1122.60	1181.07	
110	957.57	1008.19	
115	812.98	856.85	
120	695.07	733.59	
125	607.54	642.22	
130	548.90	581.10	
135	511.61	542.30	
140	484.86	514.49	
145	458.85	487.48	
150	427.52	455.00	
155	389.09	415.23	
160	345.44	370.23	
165	301.52	325.19	
170	264.75	287.73	
175	243.90	266.64	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	245.94	268.69	
185	272.08	295.17	
190	318.98	343.06	
195	383.20	409.15	
200	462.73	491.51	
205	556.07	588.58	
210	660.94	697.95	
215	773.79	815.87	
220	889.77	937.20	
225	1003.03	1055.80	
230	1107.13	1164.86	
235	1195.41	1257.37	
240	1261.34	1326.48	
245	1298.84	1365.80	
250	1302.56	1369.70	
255	1268.13	1333.61	
260	1192.42	1254.24	
265	1073.76	1129.89	
270	912.38	960.87	
275	711.15	750.38	
280	479.10	508.51	
285	257.72	280.61	
290	279.54	302.76	
295	564.33	597.18	
300	909.10	957.44	
305	1273.28	1339.00	
310	1642.77	1726.51	
315	2007.74	2109.43	
320	2359.74	2478.84	
325	2691.32	2826.86	
330	2995.93	3146.60	
335	3268.05	3432.26	
340	3503.27	3679.18	
345	3698.33	3883.96	
350	3851.22	4044.46	
355	3961.16	4159.88	

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.

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06 Nov 2009

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Prepared by Audio Division, Media Bureau  
Federal Communications Commission