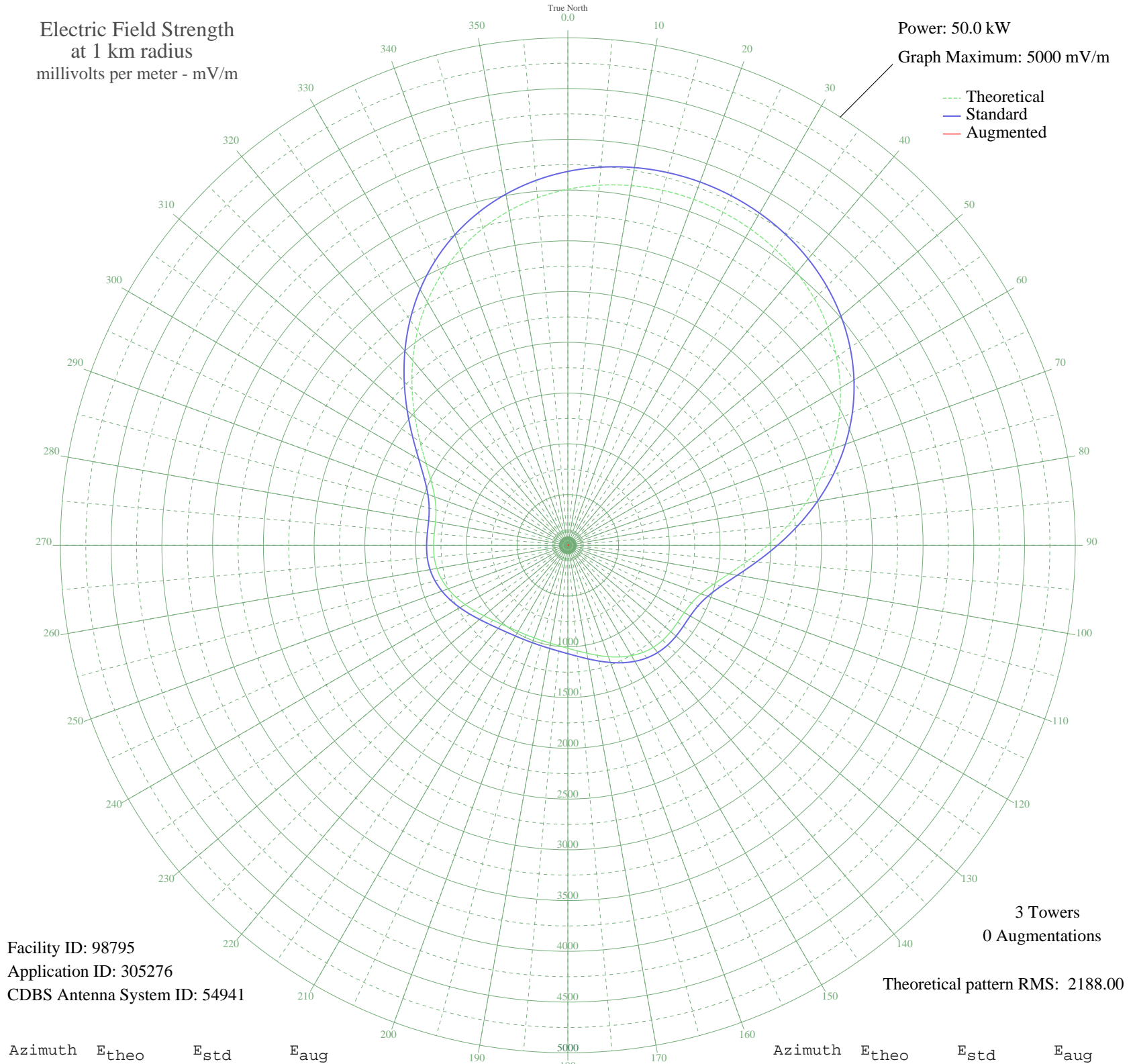


# CJOB WINNIPEG, MB Canada -- 680 kHz

Daytime

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

Power: 50.0 kW  
Graph Maximum: 5000 mV/m



Facility ID: 98795  
Application ID: 305276  
CDBS Antenna System ID: 54941

3 Towers  
0 Augmentations

Theoretical pattern RMS: 2188.00

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	3507.76	3683.90	
5	3561.34	3740.15	
10	3598.37	3779.02	
15	3620.06	3801.79	
20	3627.20	3809.29	
25	3620.06	3801.79	
30	3598.37	3779.02	
35	3561.34	3740.15	
40	3507.76	3683.90	
45	3436.17	3608.74	
50	3345.08	3513.11	
55	3233.22	3395.70	
60	3099.93	3255.78	
65	2945.42	3093.59	
70	2771.18	2910.68	
75	2580.26	2710.30	
80	2377.59	2497.58	
85	2170.07	2279.79	
90	1966.58	2066.25	
95	1777.55	1867.91	
100	1613.92	1696.24	
105	1485.10	1561.12	
110	1396.15	1467.84	
115	1345.42	1414.64	
120	1324.51	1392.71	
125	1321.25	1389.30	
130	1323.52	1391.68	
135	1321.96	1390.04	
140	1310.92	1378.47	
145	1288.33	1354.78	
150	1254.93	1319.77	
155	1213.45	1276.29	
160	1167.71	1228.34	
165	1121.79	1180.22	
170	1079.37	1135.77	
175	1043.15	1097.82	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	1014.53	1067.84	
185	993.73	1046.06	
190	980.05	1031.73	
195	972.44	1023.76	
200	970.02	1021.22	
205	972.44	1023.76	
210	980.05	1031.73	
215	993.73	1046.06	
220	1014.53	1067.84	
225	1043.15	1097.82	
230	1079.37	1135.77	
235	1121.79	1180.22	
240	1167.71	1228.34	
245	1213.45	1276.29	
250	1254.93	1319.77	
255	1288.33	1354.78	
260	1310.92	1378.47	
265	1321.96	1390.04	
270	1323.52	1391.68	
275	1321.25	1389.30	
280	1324.51	1392.71	
285	1345.42	1414.64	
290	1396.15	1467.84	
295	1485.10	1561.12	
300	1613.92	1696.24	
305	1777.56	1867.91	
310	1966.59	2066.25	
315	2170.08	2279.79	
320	2377.59	2497.58	
325	2580.27	2710.30	
330	2771.18	2910.69	
335	2945.42	3093.59	
340	3099.93	3255.78	
345	3233.23	3395.70	
350	3345.08	3513.12	
355	3436.17	3608.75	

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