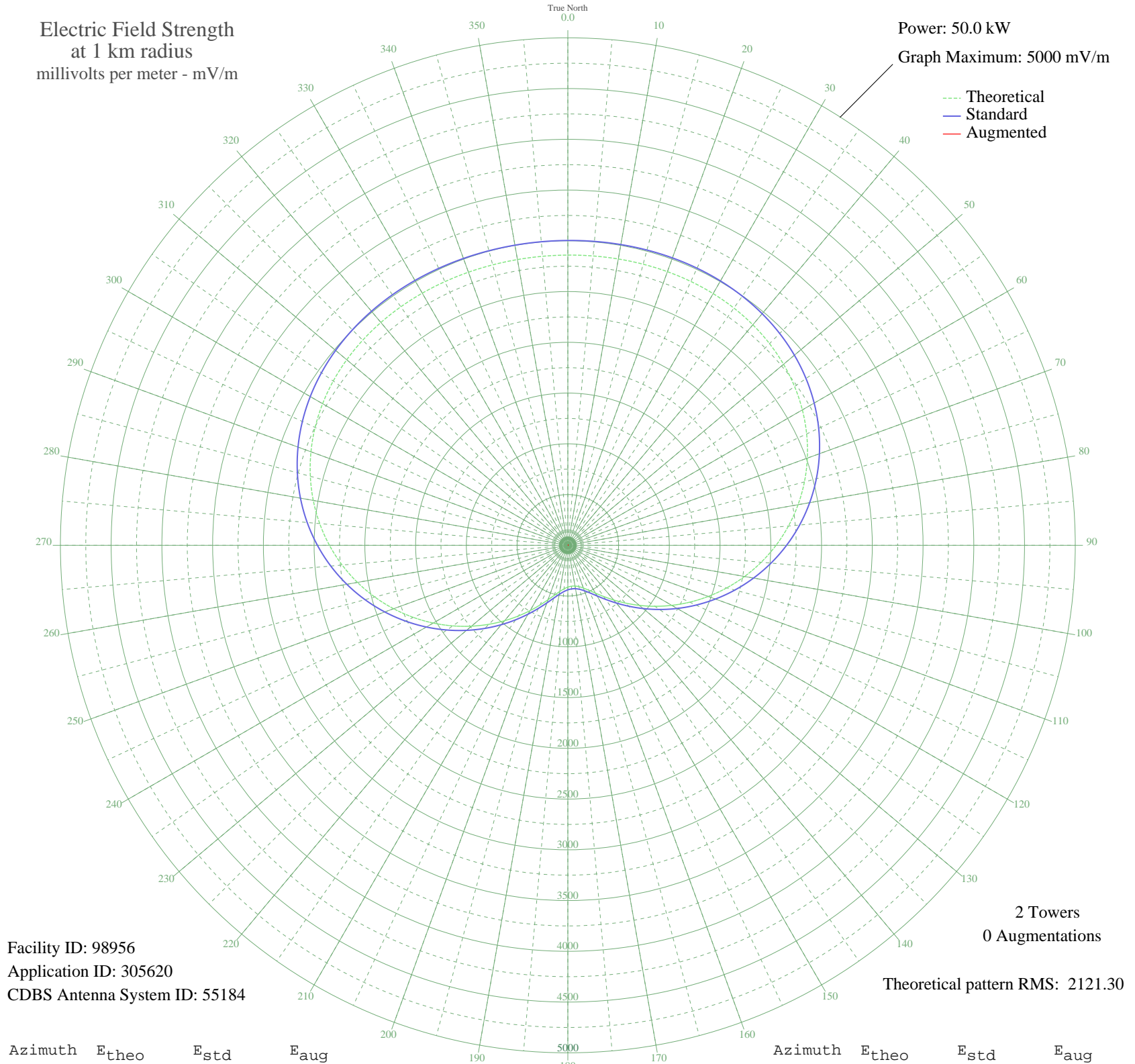


# CKDQ DRUMHELLER, AB Canada -- 910 kHz

Daytime

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

Power: 50.0 kW  
Graph Maximum: 5000 mV/m



Facility ID: 98956  
Application ID: 305620  
CDBS Antenna System ID: 55184

2 Towers  
0 Augmentations

Theoretical pattern RMS: 2121.30

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	2859.37	3003.26	
5	2861.60	3005.60	
10	2864.54	3008.68	
15	2867.37	3011.66	
20	2869.03	3013.40	
25	2868.24	3012.56	
30	2863.54	3007.64	
35	2853.40	2996.99	
40	2836.21	2978.95	
45	2810.44	2951.90	
50	2774.67	2914.34	
55	2727.65	2865.00	
60	2668.45	2802.86	
65	2596.45	2727.28	
70	2511.42	2638.04	
75	2413.56	2535.33	
80	2303.51	2419.83	
85	2182.35	2292.67	
90	2051.53	2155.38	
95	1912.89	2009.91	
100	1768.56	1858.47	
105	1620.89	1703.55	
110	1472.36	1547.76	
115	1325.55	1393.81	
120	1183.00	1244.37	
125	1047.21	1102.08	
130	920.53	969.41	
135	805.15	848.66	
140	702.97	741.85	
145	615.55	650.58	
150	543.89	575.89	
155	488.23	517.99	
160	447.96	476.18	
165	421.64	448.91	
170	407.57	434.34	
175	404.42	431.08	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	411.83	438.75	
185	430.61	458.19	
190	462.30	491.06	
195	508.59	539.16	
200	570.63	603.74	
205	648.67	685.14	
210	742.15	782.79	
215	849.82	895.39	
220	969.97	1021.17	
225	1100.56	1157.97	
230	1239.35	1303.43	
235	1383.90	1455.00	
240	1531.71	1610.01	
245	1680.20	1765.77	
250	1826.83	1919.61	
255	1969.15	2068.94	
260	2104.90	2211.39	
265	2232.06	2344.84	
270	2348.94	2467.50	
275	2454.21	2577.99	
280	2546.99	2675.37	
285	2626.81	2759.15	
290	2693.64	2829.30	
295	2747.87	2886.22	
300	2790.26	2930.71	
305	2821.88	2963.90	
310	2844.03	2987.16	
315	2858.21	3002.04	
320	2865.99	3010.20	
325	2868.94	3013.30	
330	2868.59	3012.93	
335	2866.31	3010.55	
340	2863.33	3007.41	
345	2860.59	3004.54	
350	2858.80	3002.66	
355	2858.36	3002.20	

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.

03 Jul 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission