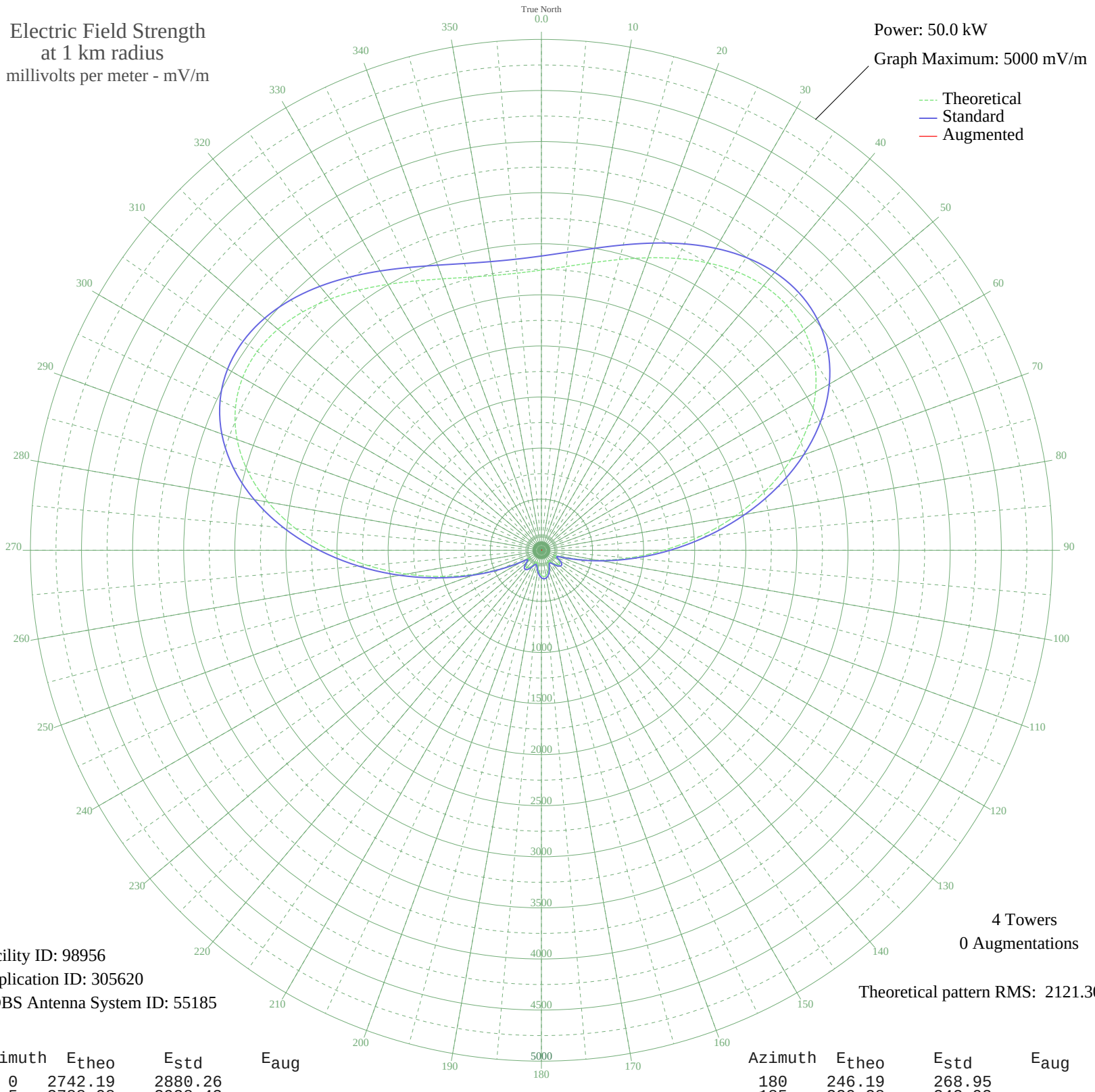
CKDQ DRUMHELLER, AB Canada -- 910 kHz

Nighttime

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



Power: 50.0 kW

Graph Maximum: 5000 mV/m

Theoretical
Standard
Augmented

4 Towers
0 Augmentations

Facility ID: 98956
Application ID: 305620
CDBS Antenna System ID: 55185

Theoretical pattern RMS: 2121.30

Azimuth	E_{theo}	E_{std}	E_{aug}
0	2742.19	2880.26	
5	2788.08	2928.43	
10	2857.54	3001.33	
15	2945.82	3094.00	
20	3046.34	3199.51	
25	3150.73	3309.10	
30	3249.02	3412.28	
35	3330.03	3497.31	
40	3381.97	3551.84	
45	3393.37	3563.82	
50	3354.16	3522.65	
55	3256.76	3420.41	
60	3097.31	3253.02	
65	2876.42	3021.16	
70	2599.70	2730.70	
75	2277.57	2392.61	
80	1924.59	2022.18	
85	1558.14	1637.73	
90	1196.86	1258.89	
95	858.97	904.97	
100	561.16	593.88	
105	319.64	343.74	
110	162.32	185.90	
115	144.24	168.68	
120	192.90	215.72	
125	221.04	243.68	
130	217.80	240.44	
135	190.44	213.30	
140	152.33	176.34	
145	123.90	149.79	
150	127.55	153.13	
155	159.75	183.43	
160	199.17	221.92	
165	232.23	254.89	
170	252.57	275.39	
175	257.41	280.30	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	246.19	268.95	
185	220.28	242.92	
190	183.62	206.61	
195	144.88	169.28	
200	121.63	147.73	
205	132.46	157.66	
210	167.75	191.15	
215	203.54	226.25	
220	222.56	245.20	
225	213.64	236.29	
230	173.77	196.98	
235	134.79	159.82	
240	211.74	234.40	
245	408.30	435.09	
250	674.47	712.08	
255	990.21	1042.37	
260	1339.55	1408.49	
265	1705.14	1791.94	
270	2068.41	2173.10	
275	2411.02	2532.66	
280	2716.52	2853.32	
285	2971.90	3121.38	
290	3168.60	3327.86	
295	3303.04	3468.99	
300	3376.47	3546.07	
305	3394.37	3564.86	
310	3365.43	3534.48	
315	3300.45	3466.27	
320	3211.13	3372.51	
325	3109.11	3265.41	
330	3005.16	3156.29	
335	2908.63	3054.96	
340	2827.19	2969.48	
345	2766.69	2905.98	
350	2731.16	2868.67	
355	2722.82	2859.92	

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