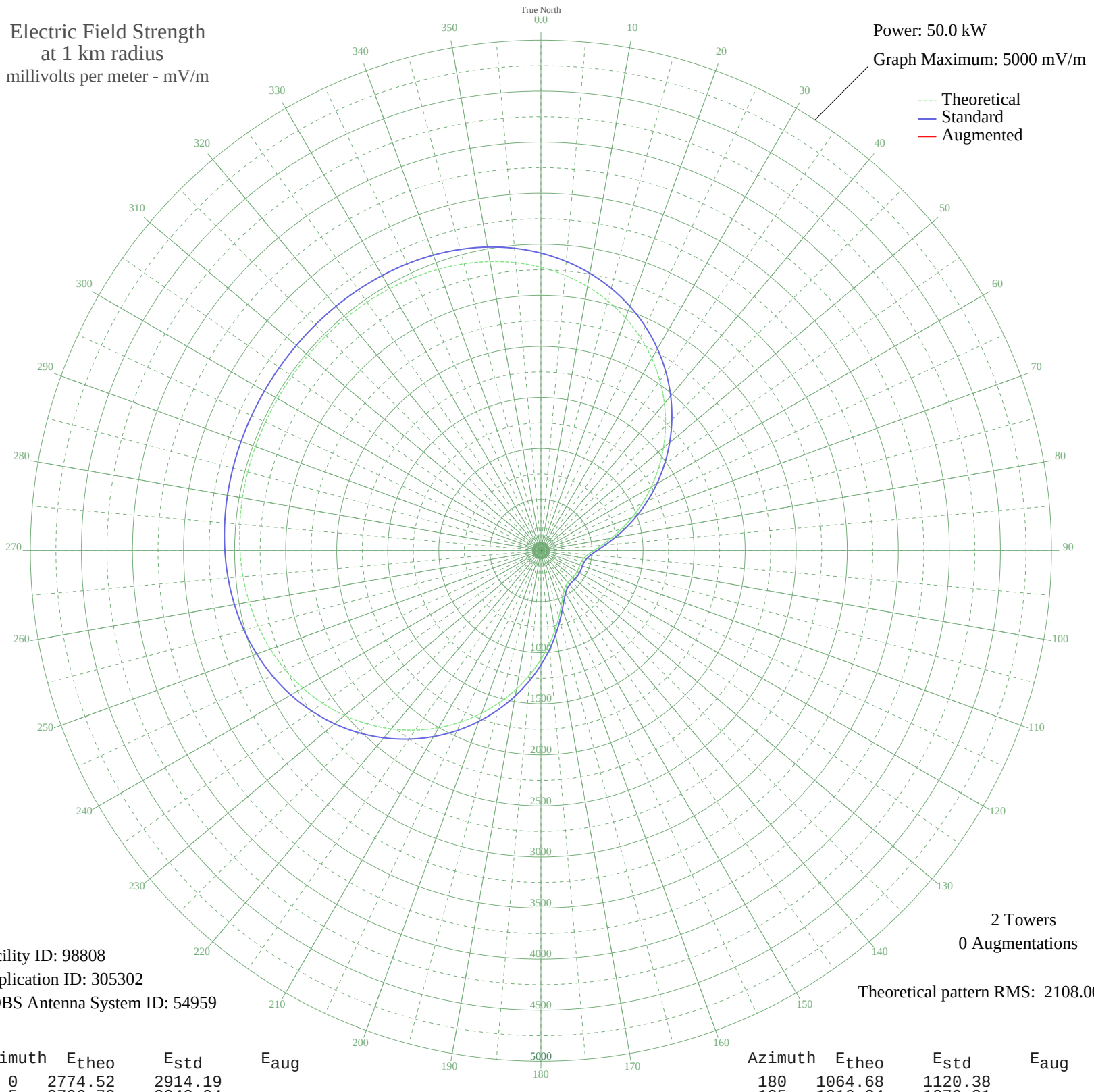
CKRD RED DEER, AB Canada -- 700 kHz

Daytime

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



Power: 50.0 kW

Graph Maximum: 5000 mV/m

Theoretical
Standard
Augmented

2 Towers
0 Augmentations

Facility ID: 98808
Application ID: 305302
CDBS Antenna System ID: 54959

Theoretical pattern RMS: 2108.00

Azimuth	E_{theo}	E_{std}	E_{aug}
0	2774.52	2914.19	
5	2706.73	2843.04	
10	2625.89	2758.19	
15	2531.71	2659.34	
20	2424.34	2546.64	
25	2304.35	2420.71	
30	2172.80	2282.64	
35	2031.13	2133.98	
40	1881.23	1976.69	
45	1725.31	1813.10	
50	1565.86	1645.83	
55	1405.61	1477.76	
60	1247.46	1311.93	
65	1094.40	1151.52	
70	949.58	999.82	
75	816.22	860.24	
80	697.66	736.30	
85	597.25	631.50	
90	517.98	548.93	
95	461.56	490.29	
100	427.15	454.61	
105	410.72	437.60	
110	406.11	432.83	
115	407.06	433.81	
120	408.89	435.71	
125	409.10	435.93	
130	407.47	434.24	
135	406.03	432.75	
140	409.07	435.89	
145	422.60	449.90	
150	453.00	481.41	
155	504.85	535.27	
160	579.63	613.12	
165	676.02	713.70	
170	791.22	834.09	
175	921.89	970.82	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	1064.68	1120.38	
185	1216.34	1279.31	
190	1373.72	1444.31	
195	1533.78	1612.18	
200	1693.62	1779.85	
205	1850.45	1944.39	
210	2001.74	2103.14	
215	2145.22	2253.70	
220	2278.93	2394.02	
225	2401.32	2522.48	
230	2511.28	2637.89	
235	2608.13	2739.54	
240	2691.62	2827.18	
245	2761.98	2901.03	
250	2819.78	2961.70	
255	2865.94	3010.16	
260	2901.65	3047.63	
265	2928.26	3075.57	
270	2947.24	3095.49	
275	2960.08	3108.98	
280	2968.23	3117.52	
285	2972.99	3122.52	
290	2975.49	3125.14	
295	2976.63	3126.34	
300	2977.05	3126.78	
305	2977.08	3126.81	
310	2976.75	3126.47	
315	2975.80	3125.47	
320	2973.63	3123.20	
325	2969.41	3118.77	
330	2962.05	3111.03	
335	2950.25	3098.65	
340	2932.62	3080.14	
345	2907.65	3053.94	
350	2873.88	3018.49	
355	2829.91	2972.33	

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.

20 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission