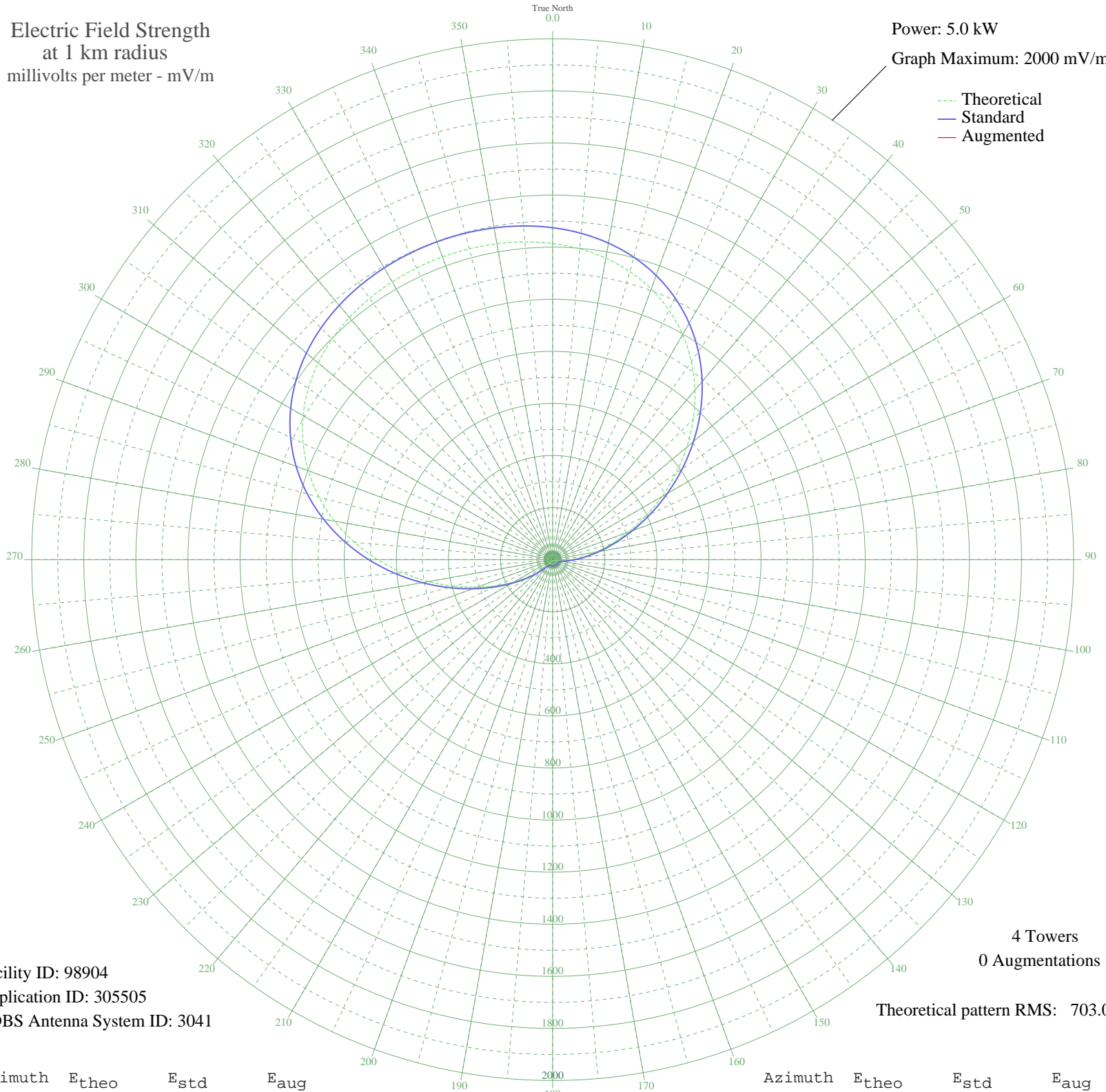


CKRD RED DEER, AB Canada -- 850 kHz

Nighttime

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

Power: 5.0 kW
Graph Maximum: 2000 mV/m



Facility ID: 98904
Application ID: 305505
CDBS Antenna System ID: 3041

Theoretical pattern RMS: 703.00

Azimuth	E _{theo}	E _{std}	E _{aug}
0	1213.83	1274.74	
5	1197.72	1257.82	
10	1175.22	1234.20	
15	1145.02	1202.50	
20	1105.94	1161.47	
25	1057.05	1110.15	
30	997.88	1048.04	
35	928.57	975.28	
40	849.96	892.76	
45	763.62	802.14	
50	671.83	705.81	
55	577.41	606.74	
60	483.53	508.25	
65	393.38	413.72	
70	309.90	326.24	
75	235.48	248.37	
80	171.77	181.88	
85	119.55	127.71	
90	78.74	85.95	
95	48.51	56.09	
100	27.47	37.19	
105	13.87	27.63	
110	5.87	24.27	
115	1.75	23.55	
120	0.01	23.48	
125	0.50	23.48	
130	0.55	23.49	
135	0.60	23.49	
140	0.82	23.49	
145	1.21	23.51	
150	1.64	23.54	
155	1.98	23.57	
160	2.11	23.58	
165	1.98	23.57	
170	1.64	23.54	
175	1.21	23.51	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	0.82	23.49	
185	0.60	23.49	
190	0.55	23.49	
195	0.50	23.48	
200	0.01	23.48	
205	1.75	23.55	
210	5.87	24.27	
215	13.87	27.63	
220	27.47	37.19	
225	48.51	56.09	
230	78.74	85.95	
235	119.55	127.71	
240	171.77	181.88	
245	235.48	248.37	
250	309.90	326.24	
255	393.38	413.72	
260	483.53	508.25	
265	577.41	606.74	
270	671.83	705.81	
275	763.62	802.14	
280	849.96	892.76	
285	928.57	975.28	
290	997.88	1048.04	
295	1057.05	1110.15	
300	1105.94	1161.47	
305	1145.02	1202.50	
310	1175.22	1234.20	
315	1197.72	1257.82	
320	1213.83	1274.74	
325	1224.82	1286.28	
330	1231.81	1293.61	
335	1235.64	1297.63	
340	1236.86	1298.91	
345	1235.64	1297.63	
350	1231.81	1293.61	
355	1224.82	1286.28	

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