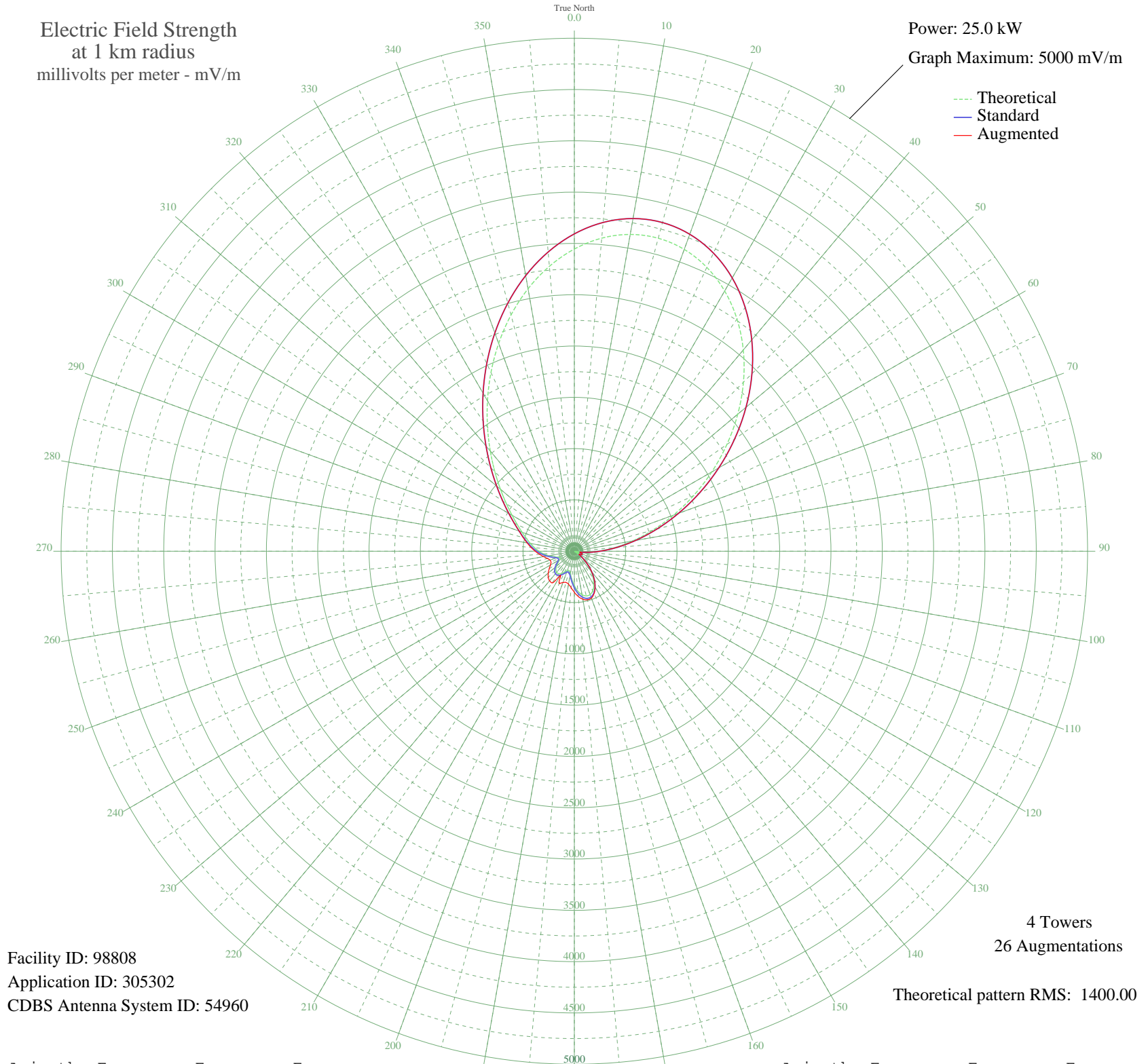


# CKRD RED DEER, AB Canada -- 700 kHz

Nighttime

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

Power: 25.0 kW  
Graph Maximum: 5000 mV/m



Facility ID: 98808  
Application ID: 305302  
CDBS Antenna System ID: 54960

4 Towers  
26 Augmentations  
Theoretical pattern RMS: 1400.00

Azimuth	Etheo	Estd	Eaug
0	2945.33	3093.04	3093.04
5	3063.11	3216.70	3216.70
10	3135.28	3292.46	3292.46
15	3158.22	3316.54	3316.54
20	3130.55	3287.49	3287.49
25	3053.14	3206.23	3206.23
30	2928.96	3075.85	3075.85
35	2762.73	2901.34	2901.34
40	2560.64	2689.18	2689.18
45	2329.94	2447.00	2447.00
50	2078.51	2183.07	2183.07
55	1814.56	1906.01	1906.01
60	1546.22	1624.38	1624.38
65	1281.31	1346.40	1346.40
70	1027.10	1079.74	1079.74
75	790.07	831.23	831.23
80	575.78	606.85	606.85
85	388.76	411.56	411.56
90	232.39	249.59	249.59
95	108.88	125.80	125.80
100	19.21	56.24	56.24
105	36.86	65.23	65.23
110	60.83	82.68	82.68
115	55.36	78.33	78.33
120	24.27	58.36	58.36
125	27.59	59.96	59.96
130	94.46	112.22	112.22
135	169.93	185.99	185.99
140	247.22	264.84	264.84
145	319.59	339.65	339.65
150	380.72	403.19	403.19
155	425.27	449.61	455.00
160	449.34	474.72	486.00
165	450.87	476.31	490.00
170	430.04	454.59	475.00
175	389.55	412.38	443.00

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

Azimuth	Etheo	Estd	Eaug
180	334.86	355.50	400.00
185	274.84	293.32	357.00
190	222.73	239.69	326.00
195	195.14	211.51	315.00
200	199.97	216.43	325.00
205	224.77	241.78	347.00
210	251.03	268.75	268.75
215	267.10	285.33	378.00
220	268.06	286.32	376.00
225	253.48	271.29	359.00
230	226.35	243.39	332.00
235	193.00	209.34	299.00
240	164.13	180.15	269.00
245	154.10	170.11	251.00
250	170.99	187.05	252.00
255	207.60	224.21	272.00
260	252.53	270.30	304.00
265	298.91	318.21	341.00
270	344.17	365.17	381.00
275	388.52	411.31	423.00
280	433.99	458.70	467.00
285	483.81	510.71	517.00
290	541.98	571.49	571.49
295	612.79	645.56	645.56
300	700.39	737.28	737.28
305	808.39	850.43	850.43
310	939.39	987.75	987.75
315	1094.65	1150.58	1150.58
320	1273.76	1338.48	1338.48
325	1474.47	1549.09	1549.09
330	1692.59	1777.99	1777.99
335	1922.08	2018.86	2018.86
340	2155.34	2263.72	2263.72
345	2383.61	2503.34	2503.34
350	2597.49	2727.88	2727.88
355	2787.64	2927.49	2927.49