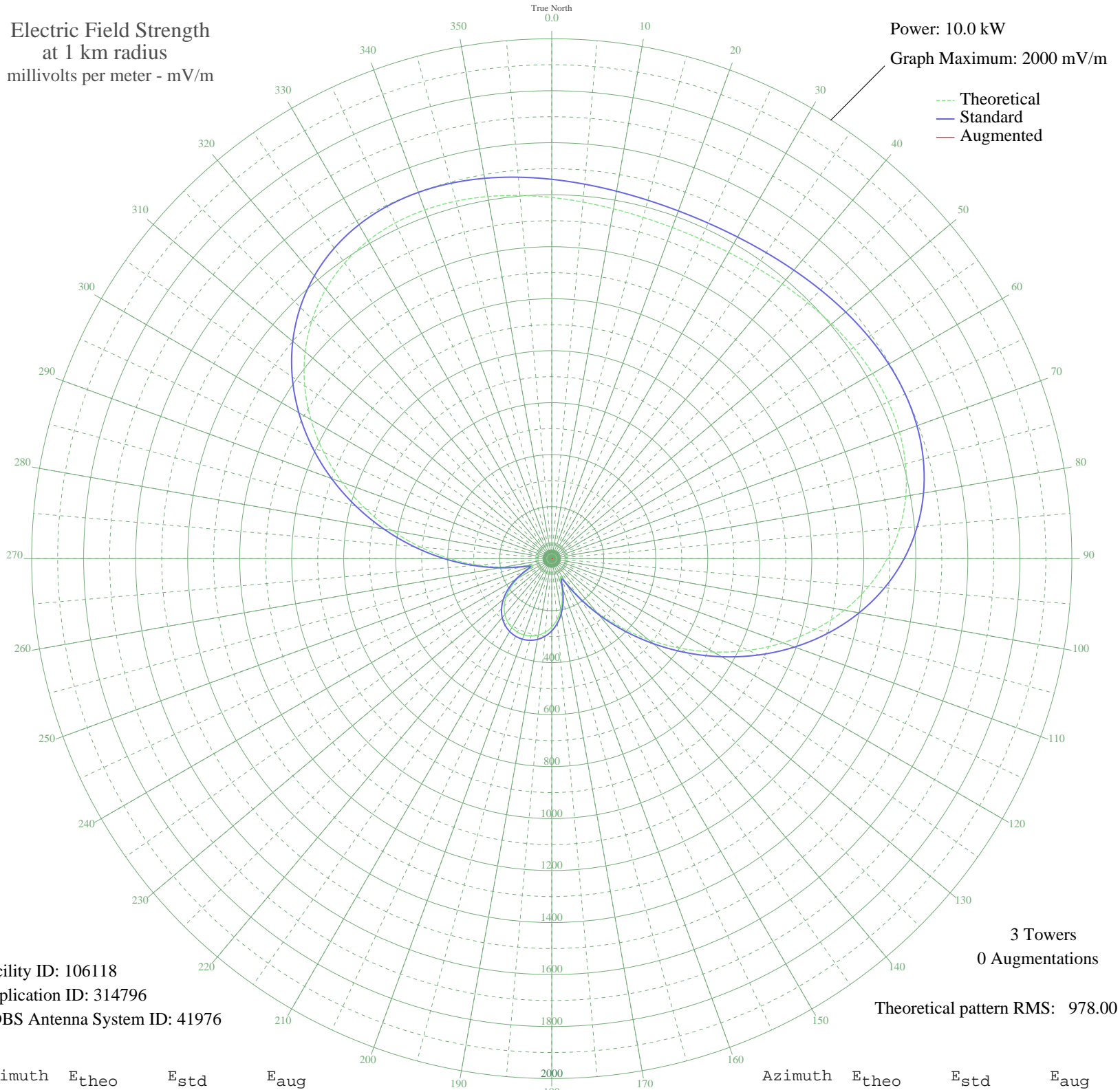


# CKRC WINNIPEG, MB Canada -- 630 kHz

Daytime

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

Power: 10.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 106118  
Application ID: 314796  
CDBS Antenna System ID: 41976

3 Towers  
0 Augmentations

Theoretical pattern RMS: 978.00

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1389.37	1459.22	
5	1376.90	1446.13	
10	1366.45	1435.16	
15	1359.06	1427.40	
20	1355.40	1423.56	
25	1355.81	1423.99	
30	1360.25	1428.65	
35	1368.33	1437.13	
40	1379.28	1448.62	
45	1391.99	1461.96	
50	1405.03	1475.65	
55	1416.67	1487.87	
60	1424.94	1496.55	
65	1427.73	1499.48	
70	1422.88	1494.40	
75	1408.33	1479.12	
80	1382.25	1451.74	
85	1343.21	1410.76	
90	1290.30	1355.22	
95	1223.30	1284.89	
100	1142.67	1200.26	
105	1049.64	1102.62	
110	946.12	993.98	
115	834.61	876.97	
120	718.06	754.69	
125	599.63	630.49	
130	482.60	507.82	
135	370.15	390.07	
140	265.50	280.74	
145	172.60	184.25	
150	100.30	110.42	
155	77.21	87.61	
160	111.26	121.45	
165	157.79	168.97	
170	200.12	212.73	
175	235.25	249.23	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	263.00	278.14	
185	283.94	299.98	
190	298.75	315.44	
195	308.08	325.18	
200	312.39	329.68	
205	311.91	329.19	
210	306.62	323.66	
215	296.24	312.82	
220	280.26	296.14	
225	258.02	272.95	
230	228.82	242.55	
235	192.20	204.52	
240	148.62	159.54	
245	102.37	112.50	
250	76.05	86.48	
255	112.18	122.38	
260	189.96	202.21	
265	285.64	301.75	
270	392.12	413.06	
275	505.74	532.06	
280	623.31	655.32	
285	741.62	779.41	
290	857.42	900.90	
295	967.55	1016.47	
300	1069.15	1123.10	
305	1159.83	1218.28	
310	1237.81	1300.13	
315	1302.01	1367.52	
320	1352.10	1420.10	
325	1388.46	1458.27	
330	1412.11	1483.09	
335	1424.57	1496.16	
340	1427.71	1499.47	
345	1423.65	1495.20	
350	1414.54	1485.64	
355	1402.47	1472.97	

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.

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10 Nov 2011

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Prepared by Audio Division, Media Bureau  
Federal Communications Commission