

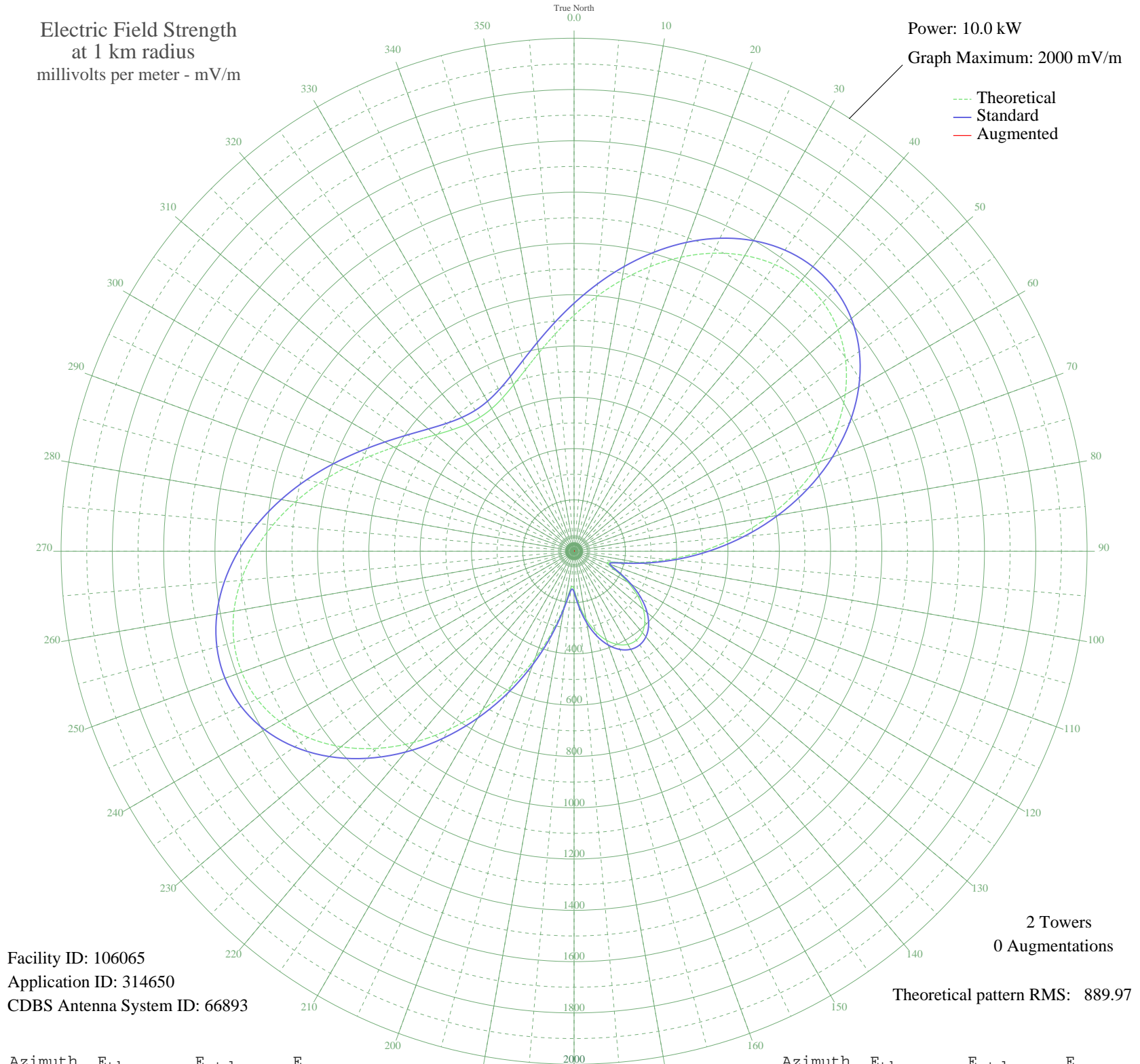
CKPG PRINCE GEORGE, BC Canada -- 550 kHz

Nighttime

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

Power: 10.0 kW
Graph Maximum: 2000 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 106065
Application ID: 314650
CDBS Antenna System ID: 66893

2 Towers
0 Augmentations

Theoretical pattern RMS: 889.97

Azimuth	E _{theo}	E _{std}	E _{aug}
0	920.21	966.79	
5	995.76	1046.07	
10	1073.20	1127.35	
15	1149.15	1207.07	
20	1219.96	1281.39	
25	1281.86	1346.36	
30	1331.15	1398.10	
35	1364.44	1433.05	
40	1378.88	1448.21	
45	1372.36	1441.36	
50	1343.69	1411.26	
55	1292.70	1357.74	
60	1220.33	1281.77	
65	1128.50	1185.39	
70	1020.08	1071.60	
75	898.65	944.17	
80	768.32	807.41	
85	633.52	666.03	
90	498.98	524.98	
95	369.91	389.82	
100	253.47	268.20	
105	164.62	176.02	
110	137.64	148.29	
115	179.24	191.11	
120	242.46	256.74	
125	302.70	319.57	
130	352.69	371.81	
135	390.01	410.85	
140	413.75	435.70	
145	423.56	445.98	
150	419.35	441.57	
155	401.16	422.52	
160	369.21	389.09	
165	324.12	341.94	
170	267.51	282.84	
175	203.96	216.72	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	148.67	159.60	
185	144.13	154.94	
190	213.20	226.31	
195	321.27	338.96	
200	446.37	469.86	
205	579.40	609.28	
210	714.67	751.14	
215	847.34	890.33	
220	972.85	1022.03	
225	1086.94	1141.77	
230	1185.79	1245.52	
235	1266.23	1329.96	
240	1325.94	1392.63	
245	1363.58	1432.14	
250	1378.88	1448.20	
255	1372.62	1441.63	
260	1346.56	1414.28	
265	1303.29	1368.85	
270	1246.00	1308.72	
275	1178.31	1237.67	
280	1103.96	1159.63	
285	1026.69	1078.53	
290	950.00	998.05	
295	877.06	921.51	
300	810.60	851.78	
305	752.87	791.21	
310	705.65	741.67	
315	670.25	704.54	
320	647.57	680.76	
325	638.15	670.88	
330	642.19	675.12	
335	659.61	693.39	
340	690.01	725.27	
345	732.64	769.98	
350	786.35	826.33	
355	849.56	892.66	

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