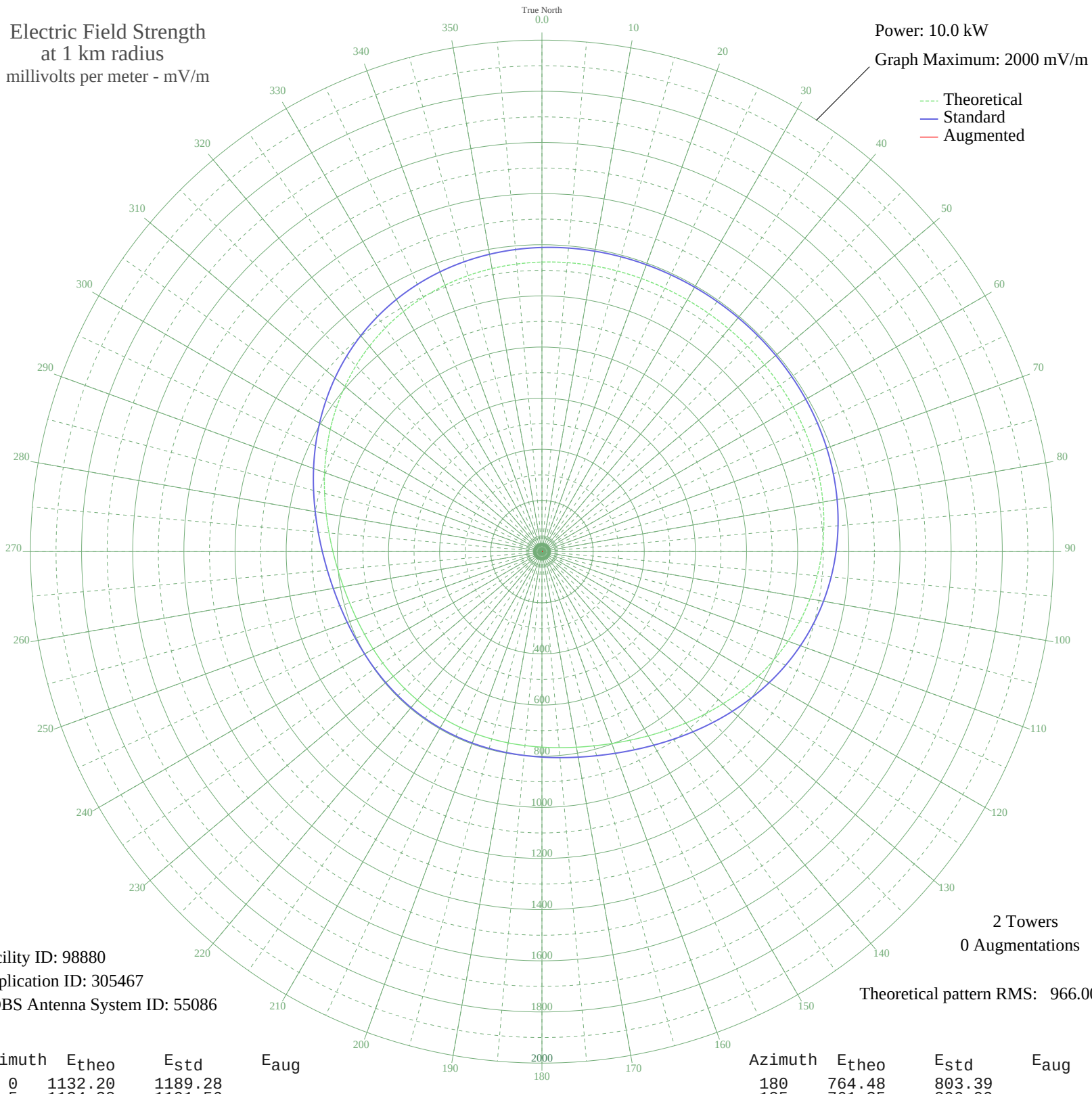
NEW PRINCE ALBERT, SK Canada -- 820 kHz

Daytime

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



Power: 10.0 kW

Graph Maximum: 2000 mV/m

Theoretical
Standard
Augmented

2 Towers
0 Augmentations

Facility ID: 98880
Application ID: 305467
CDBS Antenna System ID: 55086

Theoretical pattern RMS: 966.00

Azimuth	E_{theo}	E_{std}	E_{aug}
0	1132.20	1189.28	
5	1134.38	1191.56	
10	1135.66	1192.90	
15	1136.32	1193.60	
20	1136.60	1193.89	
25	1136.68	1193.97	
30	1136.69	1193.99	
35	1136.69	1193.98	
40	1136.67	1193.97	
45	1136.56	1193.85	
50	1136.22	1193.50	
55	1135.46	1192.69	
60	1134.02	1191.19	
65	1131.64	1188.68	
70	1127.98	1184.85	
75	1122.75	1179.36	
80	1115.65	1171.90	
85	1106.40	1162.19	
90	1094.80	1150.02	
95	1080.72	1135.24	
100	1064.13	1117.83	
105	1045.11	1097.87	
110	1023.86	1075.57	
115	1000.72	1051.28	
120	976.13	1025.47	
125	950.62	998.71	
130	924.83	971.64	
135	899.42	944.98	
140	875.04	919.40	
145	852.32	895.55	
150	831.76	873.98	
155	813.77	855.10	
160	798.56	839.14	
165	786.20	826.17	
170	776.57	816.08	
175	769.45	808.61	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	764.48	803.39	
185	761.25	800.00	
190	759.34	798.00	
195	758.35	796.96	
200	757.93	796.52	
205	757.81	796.39	
210	757.79	796.38	
215	757.79	796.38	
220	757.82	796.40	
225	757.98	796.58	
230	758.49	797.11	
235	759.63	798.31	
240	761.77	800.55	
245	765.32	804.27	
250	770.69	809.91	
255	778.29	817.88	
260	788.44	828.53	
265	801.37	842.09	
270	817.15	858.65	
275	835.68	878.09	
280	856.70	900.15	
285	879.81	924.39	
290	904.44	950.24	
295	929.98	977.05	
300	955.77	1004.10	
305	981.14	1030.73	
310	1005.48	1056.28	
315	1028.28	1080.20	
320	1049.10	1102.05	
325	1067.65	1121.52	
330	1083.74	1138.41	
335	1097.31	1152.66	
340	1108.43	1164.33	
345	1117.23	1173.56	
350	1123.94	1180.61	
355	1128.83	1185.74	

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.

15 Feb 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission