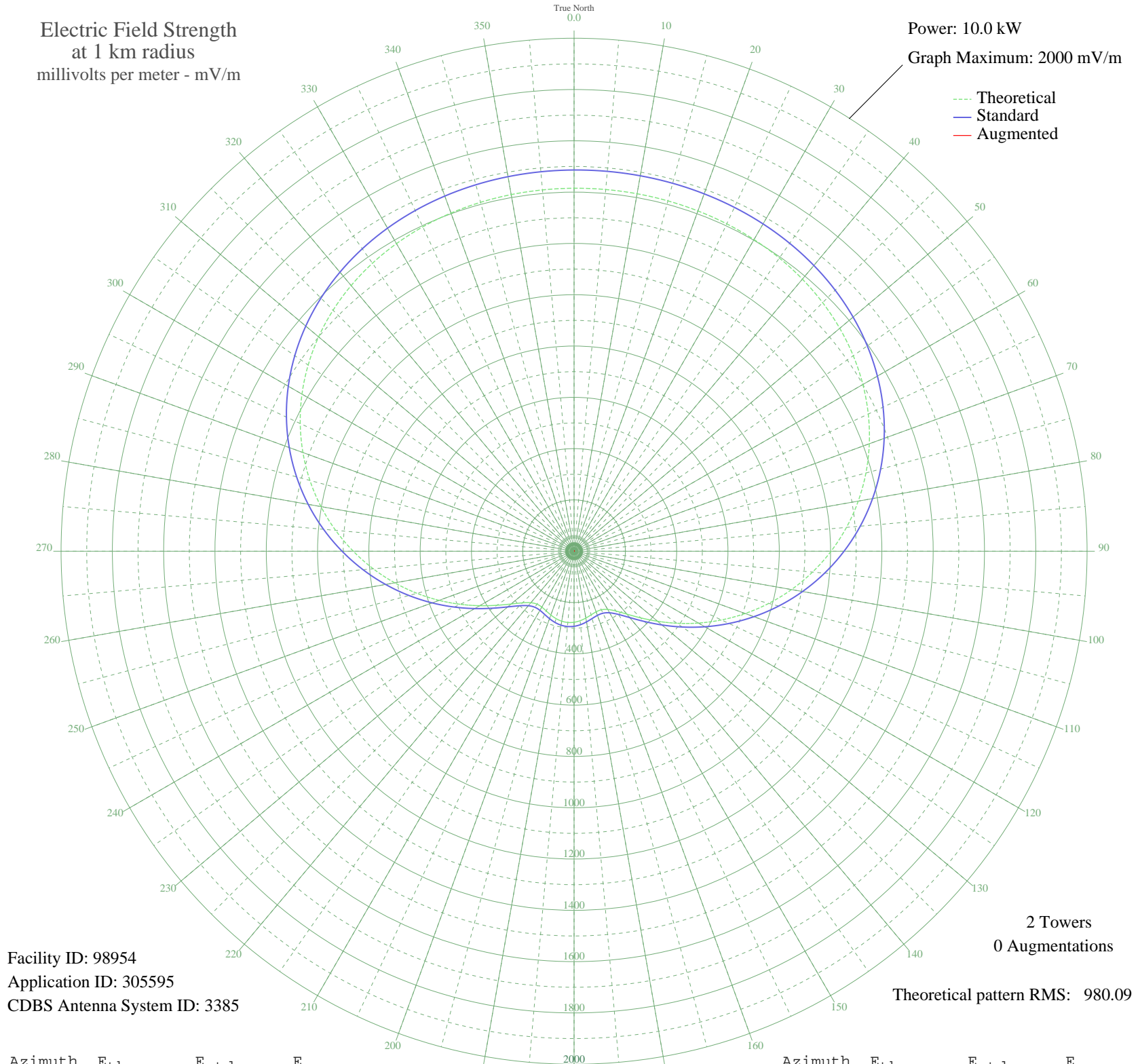


CKBI PRINCE ALBERT, SK Canada -- 900 kHz

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: 98954
Application ID: 305595
CDBS Antenna System ID: 3385

2 Towers
0 Augmentations

Theoretical pattern RMS: 980.09

Azimuth	E _{theo}	E _{std}	E _{aug}
0	1415.17	1486.30	
5	1415.53	1486.68	
10	1415.17	1486.30	
15	1414.00	1485.07	
20	1411.83	1482.79	
25	1408.31	1479.10	
30	1403.00	1473.53	
35	1395.35	1465.50	
40	1384.75	1454.37	
45	1370.56	1439.47	
50	1352.11	1420.10	
55	1328.80	1395.64	
60	1300.09	1365.50	
65	1265.54	1329.24	
70	1224.88	1286.56	
75	1178.00	1237.34	
80	1124.98	1181.69	
85	1066.13	1119.93	
90	1001.97	1052.59	
95	933.23	980.45	
100	860.86	904.51	
105	785.98	825.95	
110	709.89	746.12	
115	634.04	666.57	
120	560.02	588.96	
125	489.60	515.15	
130	424.70	447.17	
135	367.45	387.25	
140	320.09	337.73	
145	284.62	300.70	
150	262.15	277.25	
155	251.98	266.65	
160	251.45	266.11	
165	256.86	271.73	
170	264.60	279.81	
175	271.92	287.44	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	276.98	292.72	
185	278.78	294.60	
190	276.98	292.72	
195	271.92	287.44	
200	264.60	279.81	
205	256.86	271.73	
210	251.45	266.11	
215	251.98	266.65	
220	262.15	277.25	
225	284.63	300.70	
230	320.09	337.73	
235	367.46	387.25	
240	424.70	447.17	
245	489.60	515.15	
250	560.02	588.96	
255	634.04	666.57	
260	709.89	746.13	
265	785.98	825.95	
270	860.86	904.51	
275	933.23	980.46	
280	1001.97	1052.59	
285	1066.13	1119.93	
290	1124.98	1181.69	
295	1178.00	1237.34	
300	1224.88	1286.56	
305	1265.54	1329.24	
310	1300.09	1365.50	
315	1328.80	1395.64	
320	1352.11	1420.10	
325	1370.56	1439.47	
330	1384.75	1454.37	
335	1395.35	1465.50	
340	1403.00	1473.53	
345	1408.31	1479.10	
350	1411.83	1482.79	
355	1414.00	1485.07	

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.

10 Nov 2011

Prepared by Audio Division, Media Bureau
Federal Communications Commission