

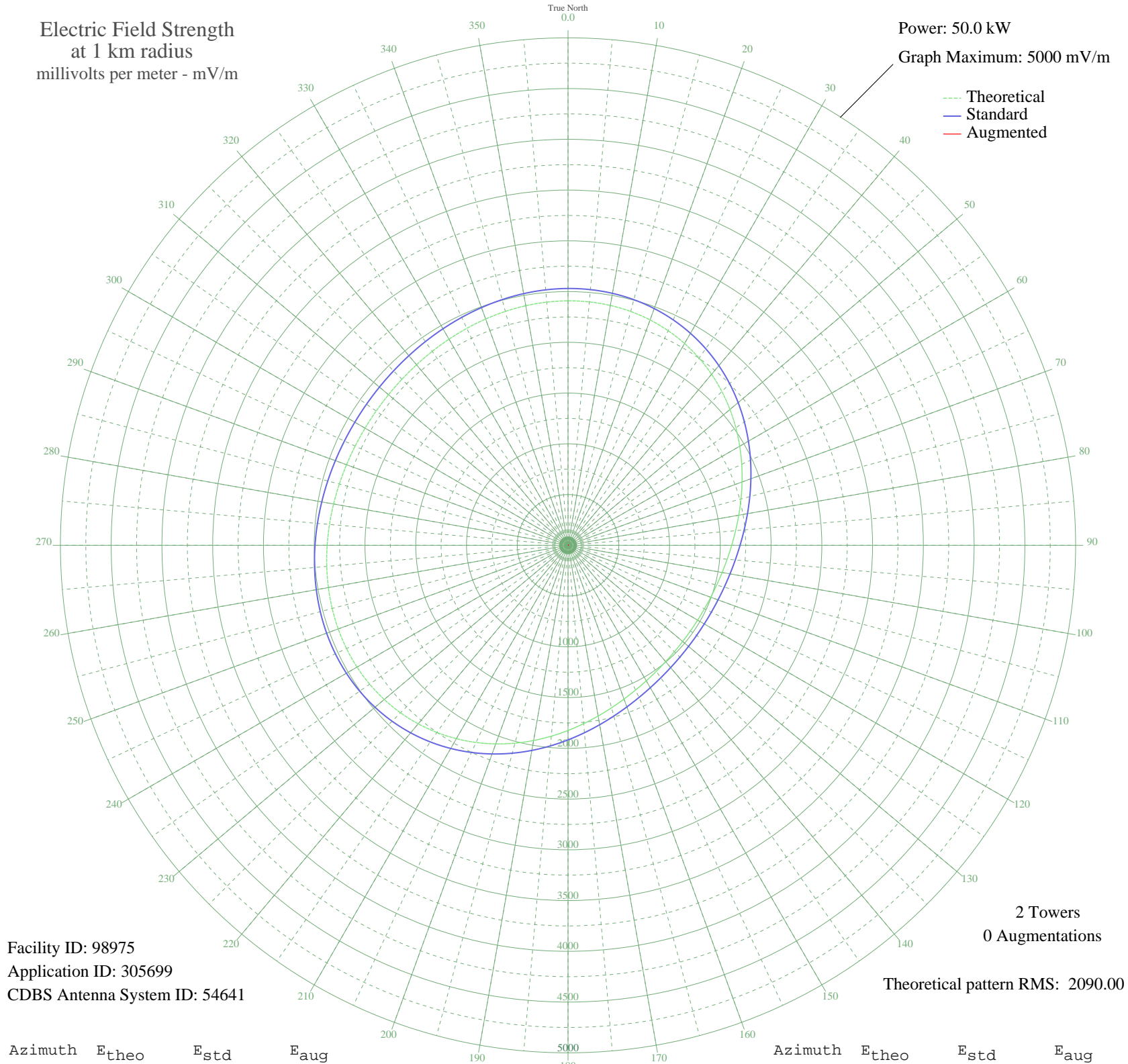
CJGX YORKTON, SK Canada -- 940 kHz

Daytime

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

Power: 50.0 kW
Graph Maximum: 5000 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 98975
Application ID: 305699
CDBS Antenna System ID: 54641

2 Towers
0 Augmentations

Theoretical pattern RMS: 2090.00

Azimuth	E _{theo}	E _{std}	E _{aug}
0	2408.84	2530.38	
5	2407.39	2528.85	
10	2399.71	2520.79	
15	2385.07	2505.42	
20	2362.96	2482.21	
25	2333.15	2450.94	
30	2295.73	2411.66	
35	2251.08	2364.80	
40	2199.90	2311.09	
45	2143.18	2251.56	
50	2082.13	2187.50	
55	2018.18	2120.39	
60	1952.85	2051.83	
65	1887.70	1983.48	
70	1824.26	1916.91	
75	1763.92	1853.60	
80	1707.87	1794.80	
85	1657.07	1741.50	
90	1612.17	1694.41	
95	1573.58	1653.92	
100	1541.41	1620.18	
105	1515.59	1593.10	
110	1495.92	1572.47	
115	1482.13	1558.01	
120	1473.98	1549.46	
125	1471.28	1546.63	
130	1473.98	1549.46	
135	1482.13	1558.01	
140	1495.92	1572.47	
145	1515.59	1593.10	
150	1541.41	1620.18	
155	1573.58	1653.92	
160	1612.17	1694.41	
165	1657.07	1741.50	
170	1707.87	1794.80	
175	1763.92	1853.60	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	1824.26	1916.91	
185	1887.70	1983.48	
190	1952.85	2051.83	
195	2018.18	2120.39	
200	2082.13	2187.50	
205	2143.18	2251.56	
210	2199.90	2311.09	
215	2251.08	2364.80	
220	2295.73	2411.66	
225	2333.15	2450.94	
230	2362.96	2482.21	
235	2385.07	2505.42	
240	2399.71	2520.79	
245	2407.39	2528.85	
250	2408.84	2530.38	
255	2405.00	2526.35	
260	2396.93	2517.87	
265	2385.74	2506.13	
270	2372.60	2492.34	
275	2358.63	2477.68	
280	2344.88	2463.24	
285	2332.28	2450.02	
290	2321.62	2438.83	
295	2313.54	2430.35	
300	2308.51	2425.07	
305	2306.80	2423.28	
310	2308.51	2425.07	
315	2313.54	2430.35	
320	2321.62	2438.83	
325	2332.28	2450.02	
330	2344.88	2463.24	
335	2358.64	2477.68	
340	2372.60	2492.34	
345	2385.74	2506.13	
350	2396.93	2517.87	
355	2405.00	2526.35	

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