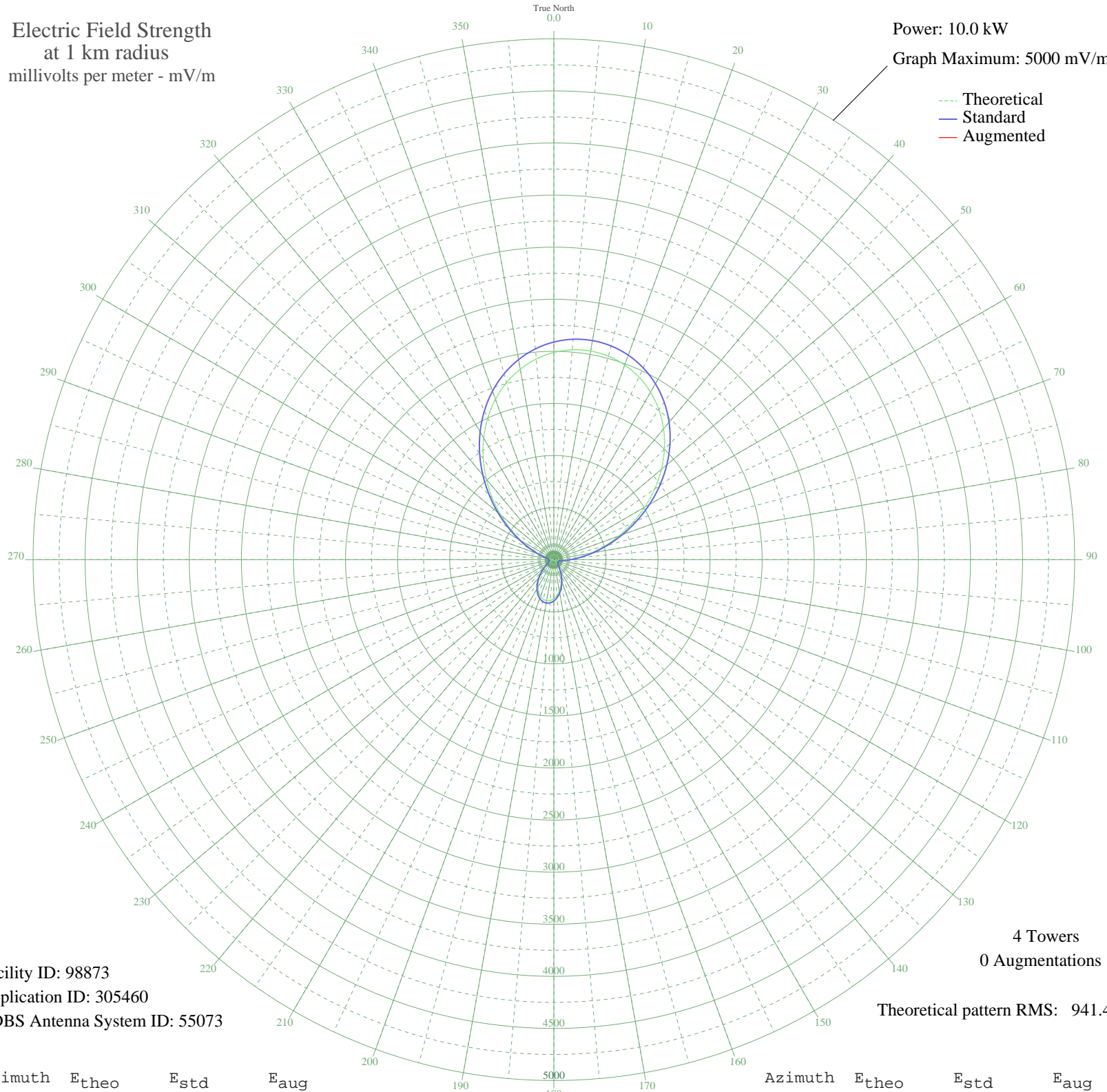


CKJS WINNIPEG, MB Canada -- 810 kHz

Unlimited Time

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

Power: 10.0 kW
Graph Maximum: 5000 mV/m



--- Theoretical
— Standard
— Augmented

Facility ID: 98873
Application ID: 305460
CDBS Antenna System ID: 55073

4 Towers
0 Augmentations

Theoretical pattern RMS: 941.47

Azimuth	E _{theo}	E _{std}	E _{aug}
0	1989.16	2089.15	
5	2022.34	2123.98	
10	2033.40	2135.59	
15	2022.34	2123.98	
20	1989.16	2089.15	
25	1933.87	2031.11	
30	1856.64	1950.04	
35	1757.96	1846.46	
40	1638.84	1721.43	
45	1501.08	1576.84	
50	1347.39	1415.54	
55	1181.57	1241.55	
60	1008.47	1059.94	
65	833.81	876.77	
70	663.88	698.66	
75	505.01	532.34	
80	363.01	384.05	
85	242.54	258.99	
90	146.60	160.96	
95	76.08	92.72	
100	29.72	56.48	
105	4.24	47.29	
110	5.27	47.40	
115	4.65	47.33	
120	0.00	47.08	
125	3.08	47.19	
130	0.06	47.08	
135	12.10	48.76	
140	34.79	59.59	
145	67.81	85.35	
150	109.58	124.31	
155	157.50	171.95	
160	208.37	223.80	
165	258.71	275.70	
170	305.15	323.85	
175	344.66	364.94	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	374.74	396.28	
185	393.54	415.89	
190	399.93	422.56	
195	393.54	415.89	
200	374.74	396.28	
205	344.66	364.94	
210	305.15	323.85	
215	258.71	275.70	
220	208.37	223.80	
225	157.50	171.95	
230	109.58	124.31	
235	67.81	85.35	
240	34.79	59.59	
245	12.10	48.76	
250	0.06	47.08	
255	3.08	47.19	
260	0.00	47.08	
265	4.65	47.33	
270	5.27	47.40	
275	4.24	47.29	
280	29.72	56.48	
285	76.08	92.72	
290	146.60	160.97	
295	242.55	258.99	
300	363.01	384.05	
305	505.01	532.34	
310	663.88	698.66	
315	833.82	876.77	
320	1008.47	1059.94	
325	1181.58	1241.55	
330	1347.39	1415.55	
335	1501.08	1576.84	
340	1638.85	1721.43	
345	1757.96	1846.46	
350	1856.64	1950.04	
355	1933.87	2031.11	

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.

03 Jul 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission