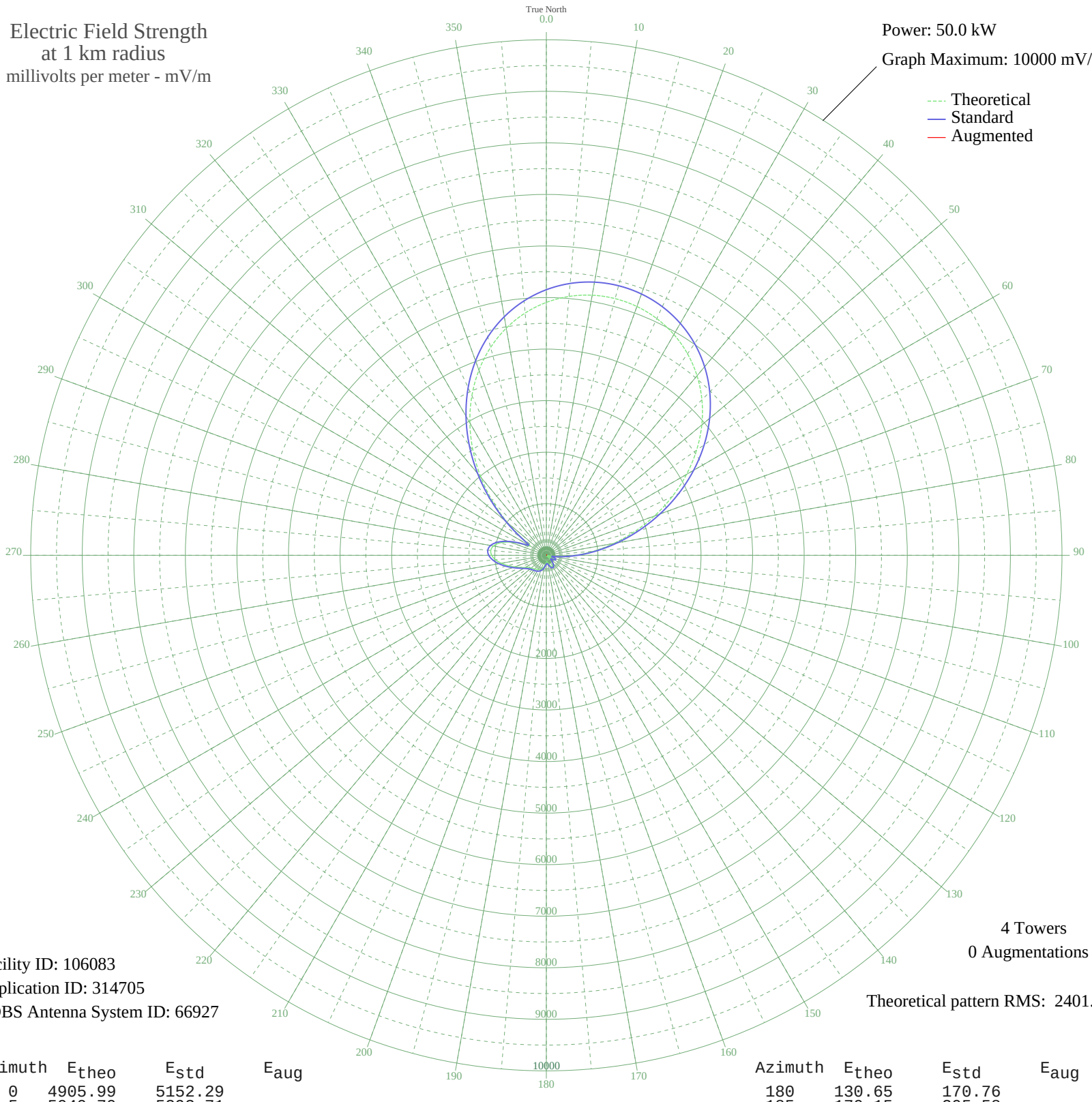
CKY WINNIPEG, MB Canada -- 580 kHz

Nighttime

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



Power: 50.0 kW

Graph Maximum: 10000 mV/m

Theoretical
Standard
Augmented

4 Towers
0 Augmentations

Facility ID: 106083
Application ID: 314705
CDBS Antenna System ID: 66927

Theoretical pattern RMS: 2401.14

Azimuth	E_{theo}	E_{std}	E_{aug}
0	4905.99	5152.29	
5	5040.70	5293.71	
10	5123.34	5380.47	
15	5155.10	5413.81	
20	5136.47	5394.26	
25	5067.24	5321.57	
30	4946.55	5194.87	
35	4773.32	5013.01	
40	4546.74	4775.16	
45	4266.97	4481.48	
50	3935.89	4133.94	
55	3557.81	3737.08	
60	3140.02	3298.59	
65	2693.10	2829.59	
70	2230.82	2344.56	
75	1769.45	1860.71	
80	1326.78	1396.83	
85	920.54	971.91	
90	566.71	603.67	
95	277.79	308.90	
100	62.08	120.79	
105	82.49	133.58	
110	154.55	191.51	
115	166.49	202.24	
120	131.59	171.56	
125	65.86	122.98	
130	18.11	103.45	
135	96.97	143.90	
140	165.61	201.44	
145	213.98	246.62	
150	237.74	269.54	
155	236.59	268.42	
160	213.90	246.54	
165	176.66	211.54	
170	136.97	176.14	
175	115.58	158.34	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	130.65	170.76	
185	170.15	205.58	
190	214.50	247.12	
195	254.11	285.54	
200	285.59	316.64	
205	308.65	339.66	
210	324.80	355.88	
215	336.60	367.77	
220	347.29	378.57	
225	360.84	392.29	
230	382.35	414.15	
235	418.12	450.65	
240	474.24	508.23	
245	553.85	590.37	
250	654.91	695.13	
255	769.73	814.59	
260	886.00	935.84	
265	988.13	1042.51	
270	1058.92	1116.51	
275	1081.49	1140.11	
280	1041.43	1098.22	
285	929.45	981.21	
290	745.49	789.34	
295	512.55	547.70	
300	359.16	390.59	
305	559.87	596.60	
310	977.39	1031.28	
315	1463.77	1540.32	
320	1973.06	2074.20	
325	2479.87	2605.85	
330	2965.58	3115.52	
335	3416.11	3588.35	
340	3821.45	4013.81	
345	4175.27	4385.22	
350	4474.32	4699.13	
355	4717.67	4954.60	

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.

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Prepared by Audio Division, Media Bureau
Federal Communications Commission