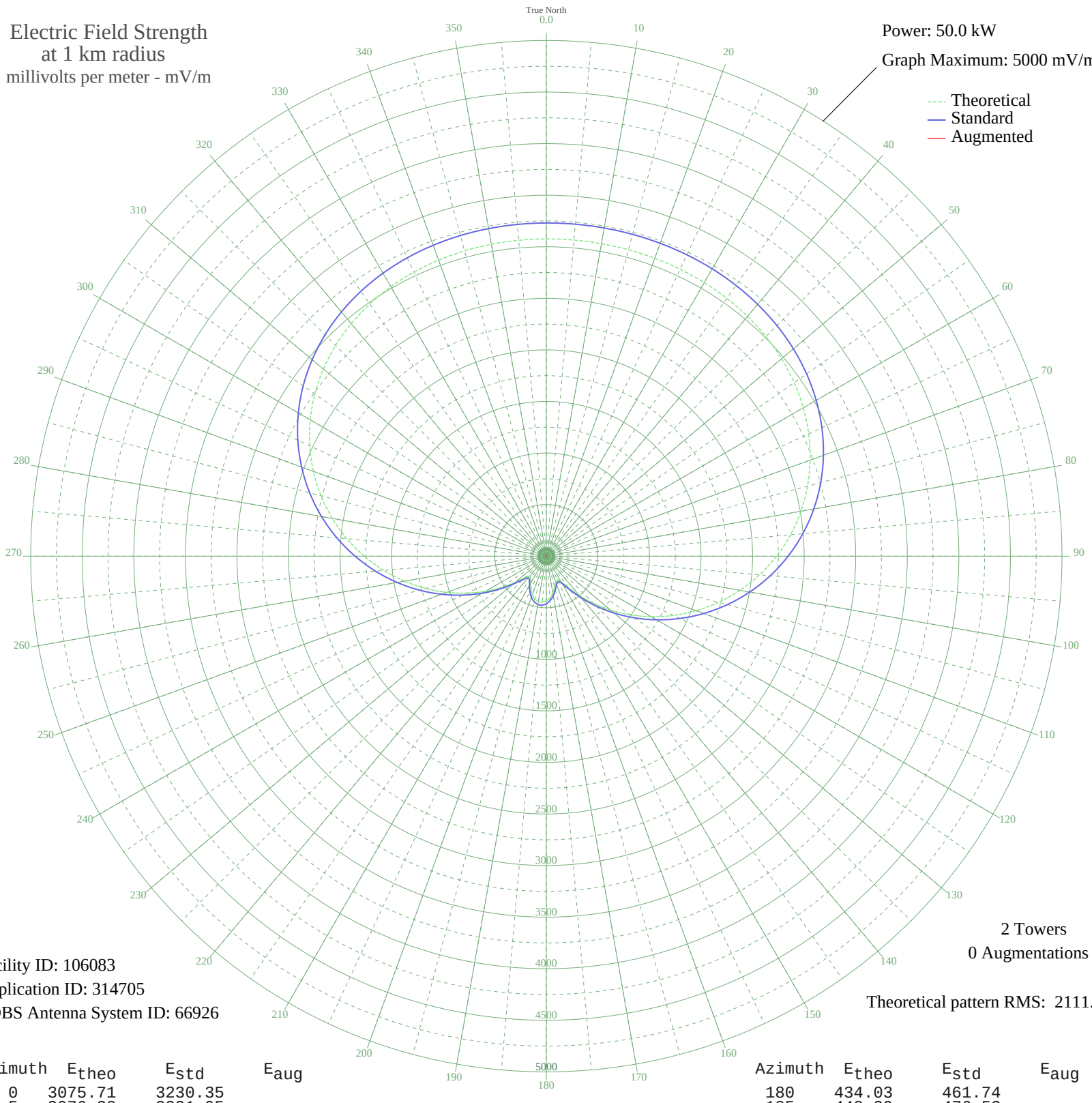
CKY WINNIPEG, MB Canada -- 580 kHz

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

2 Towers
0 Augmentations

Facility ID: 106083
Application ID: 314705
CDBS Antenna System ID: 66926

Theoretical pattern RMS: 2111.46

Azimuth	E_{theo}	E_{std}	E_{aug}
0	3075.71	3230.35	
5	3076.38	3231.05	
10	3076.31	3230.98	
15	3075.47	3230.10	
20	3073.48	3228.00	
25	3069.59	3223.92	
30	3062.77	3216.77	
35	3051.71	3205.16	
40	3034.91	3187.52	
45	3010.70	3162.11	
50	2977.39	3127.14	
55	2933.29	3080.85	
60	2876.87	3021.63	
65	2806.82	2948.09	
70	2722.11	2859.18	
75	2622.16	2754.27	
80	2506.80	2633.18	
85	2376.38	2496.30	
90	2231.77	2344.53	
95	2074.34	2179.32	
100	1905.95	2002.63	
105	1728.89	1816.85	
110	1545.77	1624.75	
115	1359.51	1429.42	
120	1173.24	1234.14	
125	990.27	1042.43	
130	814.13	858.05	
135	648.82	685.29	
140	499.42	529.62	
145	373.68	399.33	
150	284.86	308.18	
155	249.86	272.66	
160	267.99	291.02	
165	313.38	337.33	
170	362.86	388.17	
175	404.79	431.47	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	434.03	461.74	
185	448.29	476.52	
190	446.69	474.86	
195	429.34	456.88	
200	397.31	423.73	
205	353.32	378.34	
210	303.43	327.14	
215	261.23	284.16	
220	252.11	274.93	
225	298.81	322.42	
230	396.41	422.80	
235	527.71	559.05	
240	680.79	718.68	
245	848.63	894.15	
250	1026.44	1080.31	
255	1210.34	1273.03	
260	1396.87	1468.59	
265	1582.74	1663.54	
270	1764.87	1854.60	
275	1940.41	2038.78	
280	2106.77	2213.35	
285	2261.77	2376.01	
290	2403.63	2524.91	
295	2531.09	2658.68	
300	2643.38	2776.55	
305	2740.26	2878.23	
310	2821.97	2964.00	
315	2889.21	3034.58	
320	2943.05	3091.09	
325	2984.86	3134.98	
330	3016.22	3167.90	
335	3038.81	3191.61	
340	3054.33	3207.91	
345	3064.43	3218.51	
350	3070.56	3224.95	
355	3074.00	3228.55	

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.

13 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission