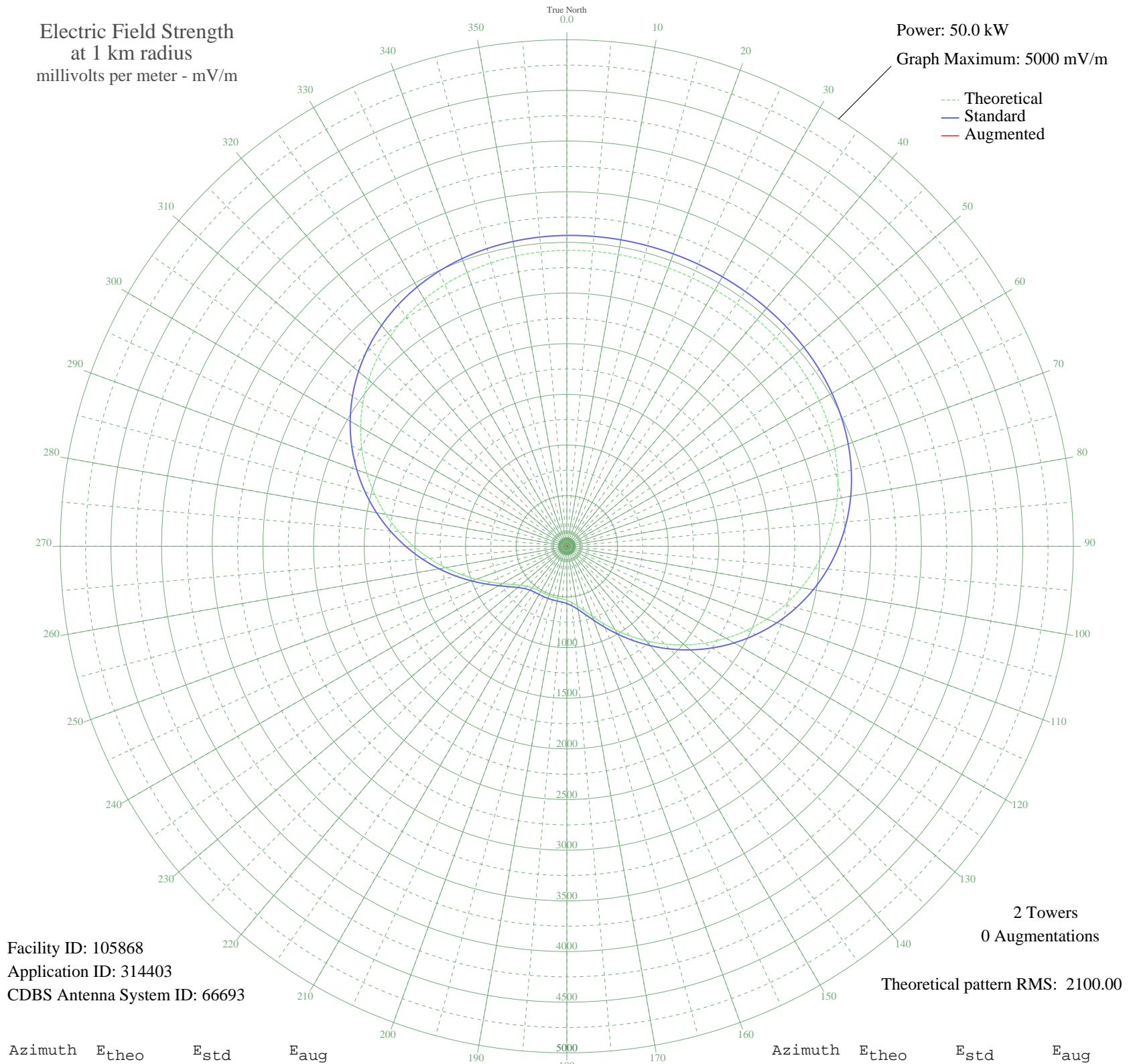


NEW YELLOWKNIFE, NT Canada -- 1590 kHz

Unlimited Time

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

Power: 50.0 kW
Graph Maximum: 5000 mV/m



Facility ID: 105868
Application ID: 314403
CDBS Antenna System ID: 66693

2 Towers
0 Augmentations
Theoretical pattern RMS: 2100.00

Azimuth	E _{theo}	E _{std}	E _{aug}
0	2921.48	3068.45	
5	2923.64	3070.72	
10	2924.46	3071.58	
15	2924.65	3071.77	
20	2924.66	3071.79	
25	2924.65	3071.77	
30	2924.46	3071.58	
35	2923.64	3070.72	
40	2921.48	3068.45	
45	2916.99	3063.74	
50	2908.99	3055.34	
55	2896.13	3041.84	
60	2876.97	3021.73	
65	2850.05	2993.47	
70	2813.94	2955.57	
75	2767.37	2906.68	
80	2709.24	2845.67	
85	2638.77	2771.70	
90	2555.50	2684.30	
95	2459.39	2583.42	
100	2350.80	2469.46	
105	2230.58	2343.29	
110	2100.00	2206.25	
115	1960.74	2060.11	
120	1814.86	1907.05	
125	1664.76	1749.57	
130	1513.08	1590.47	
135	1362.68	1432.74	
140	1216.56	1279.54	
145	1077.82	1134.14	
150	949.60	999.84	
155	835.01	879.89	
160	736.92	777.32	
165	657.61	694.47	
170	598.16	632.44	
175	557.83	590.40	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	533.81	565.40	
185	521.83	552.93	
190	517.26	548.17	
195	516.19	547.06	
200	516.12	546.98	
205	516.19	547.06	
210	517.26	548.17	
215	521.83	552.93	
220	533.81	565.40	
225	557.83	590.40	
230	598.16	632.44	
235	657.61	694.47	
240	736.92	777.32	
245	835.01	879.89	
250	949.60	999.84	
255	1077.82	1134.14	
260	1216.56	1279.54	
265	1362.68	1432.74	
270	1513.08	1590.47	
275	1664.76	1749.57	
280	1814.86	1907.05	
285	1960.74	2060.11	
290	2100.00	2206.25	
295	2230.59	2343.29	
300	2350.80	2469.46	
305	2459.39	2583.42	
310	2555.50	2684.30	
315	2638.77	2771.70	
320	2709.24	2845.67	
325	2767.37	2906.68	
330	2813.94	2955.57	
335	2850.05	2993.47	
340	2876.97	3021.73	
345	2896.13	3041.84	
350	2908.99	3055.34	
355	2916.99	3063.74	

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.

08 Mar 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission