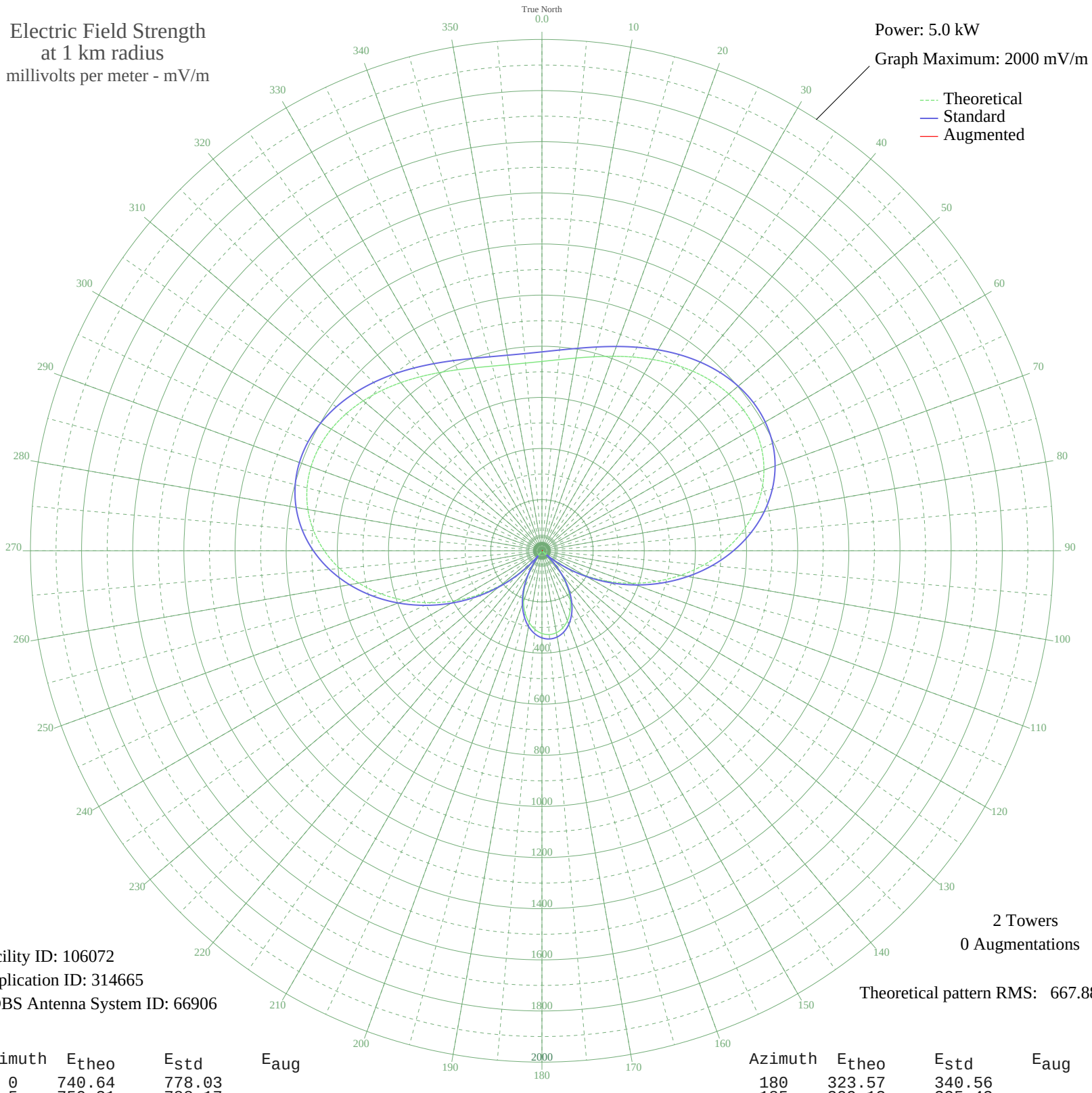
CJKL KIRKLAND LAKE, ON Canada -- 560 kHz

Nighttime

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



Power: 5.0 kW

Graph Maximum: 2000 mV/m

Theoretical
Standard
Augmented

2 Towers
0 Augmentations

Facility ID: 106072
Application ID: 314665
CDBS Antenna System ID: 66906

Theoretical pattern RMS: 667.88

Azimuth	E_{theo}	E_{std}	E_{aug}
0	740.64	778.03	
5	750.31	788.17	
10	765.52	804.14	
15	785.60	825.21	
20	809.58	850.39	
25	836.27	878.39	
30	864.20	907.72	
35	891.75	936.64	
40	917.13	963.27	
45	938.44	985.64	
50	953.81	1001.77	
55	961.45	1009.79	
60	959.77	1008.03	
65	947.48	995.14	
70	923.70	970.17	
75	887.99	932.68	
80	840.44	882.77	
85	781.67	821.09	
90	712.78	748.79	
95	635.33	667.51	
100	551.19	579.22	
105	462.48	486.17	
110	371.42	390.70	
115	280.21	295.16	
120	190.92	201.84	
125	105.42	113.15	
130	25.29	35.44	
135	48.20	55.79	
140	114.06	122.04	
145	171.62	181.73	
150	220.44	232.65	
155	260.29	274.31	
160	291.06	306.51	
165	312.74	329.22	
170	325.37	342.45	
175	328.98	346.22	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	323.57	340.56	
185	309.13	325.43	
190	285.63	300.83	
195	253.04	266.73	
200	211.39	223.20	
205	160.80	170.46	
210	101.54	109.17	
215	34.08	42.80	
220	40.82	48.87	
225	122.14	130.38	
230	208.53	220.22	
235	298.36	314.16	
240	389.71	409.87	
245	480.48	505.05	
250	568.45	597.34	
255	651.42	684.39	
260	727.30	764.02	
265	794.27	834.32	
270	850.87	893.72	
275	896.09	941.18	
280	929.40	976.15	
285	950.84	998.66	
290	960.92	1009.24	
295	960.62	1008.92	
300	951.30	999.14	
305	934.59	981.60	
310	912.32	958.22	
315	886.36	930.97	
320	858.59	901.83	
325	830.78	872.63	
330	804.53	845.08	
335	781.24	820.64	
340	762.07	800.51	
345	747.91	785.66	
350	739.42	776.75	
355	736.96	774.17	

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