

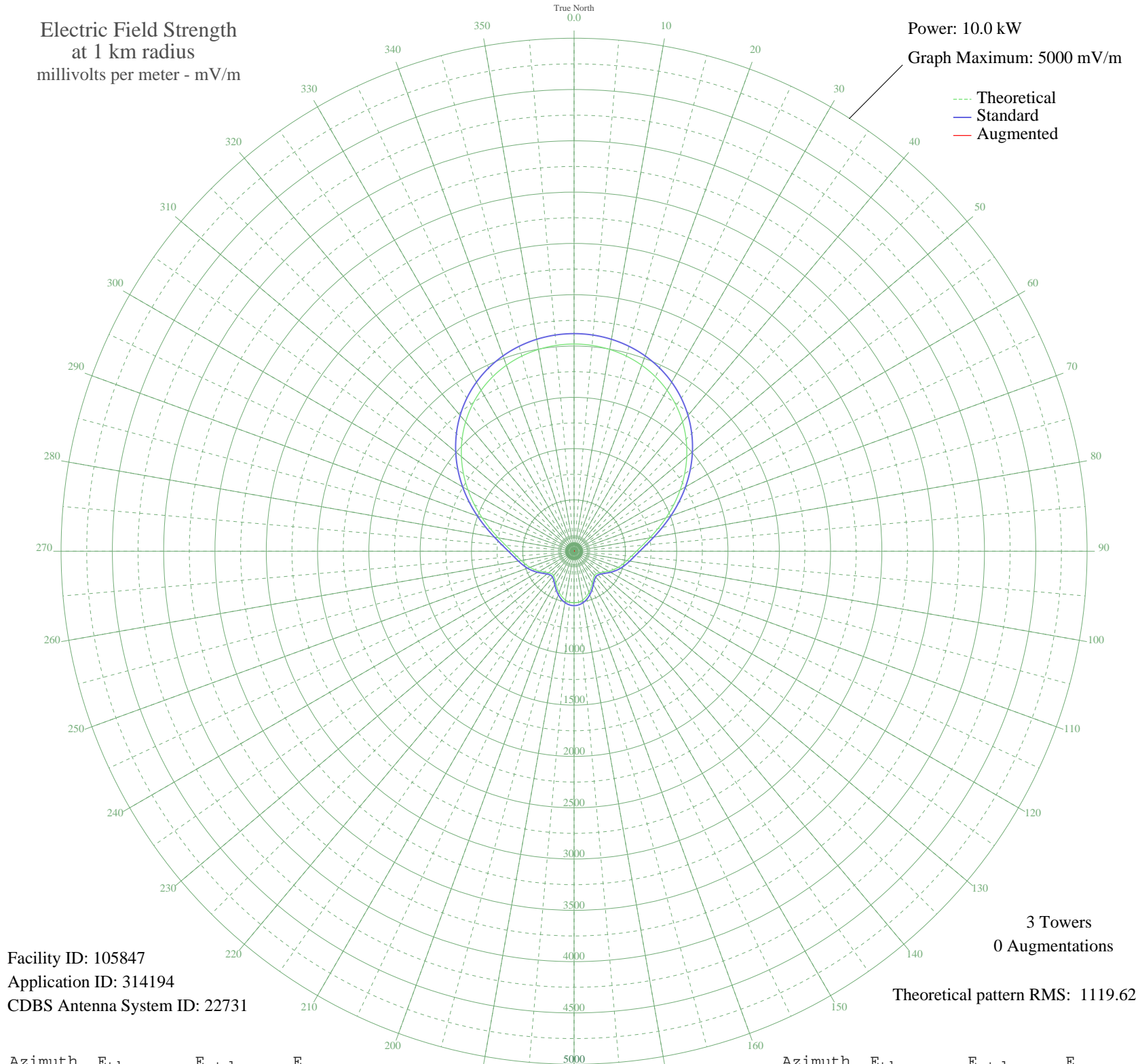
CKOT TILLSONBURG, ON Canada -- 1510 kHz

Daytime

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: 105847
Application ID: 314194
CDBS Antenna System ID: 22731

3 Towers
0 Augmentations
Theoretical pattern RMS: 1119.62

Azimuth	E _{theo}	E _{std}	E _{aug}
0	2019.50	2120.87	
5	2013.95	2115.04	
10	1997.18	2097.44	
15	1968.94	2067.79	
20	1928.87	2025.73	
25	1876.58	1970.83	
30	1811.78	1902.80	
35	1734.42	1821.60	
40	1644.87	1727.60	
45	1544.03	1621.75	
50	1433.49	1505.72	
55	1315.62	1382.01	
60	1193.61	1253.96	
65	1071.42	1125.73	
70	953.57	1002.08	
75	844.80	887.98	
80	749.40	787.93	
85	670.33	705.03	
90	608.16	639.88	
95	560.66	590.11	
100	523.28	550.97	
105	490.75	516.91	
110	458.68	483.34	
115	424.71	447.82	
120	389.03	410.52	
125	354.37	374.33	
130	325.75	344.48	
135	309.30	327.33	
140	309.59	327.63	
145	326.68	345.44	
150	356.05	376.08	
155	391.40	413.00	
160	426.99	450.20	
165	458.48	483.14	
170	482.88	508.67	
175	498.23	524.74	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	503.46	530.21	
185	498.23	524.73	
190	482.88	508.67	
195	458.48	483.14	
200	426.99	450.20	
205	391.40	413.00	
210	356.05	376.08	
215	326.67	345.44	
220	309.59	327.63	
225	309.30	327.33	
230	325.75	344.48	
235	354.37	374.33	
240	389.03	410.53	
245	424.71	447.82	
250	458.68	483.34	
255	490.75	516.91	
260	523.29	550.97	
265	560.66	590.11	
270	608.16	639.88	
275	670.33	705.03	
280	749.40	787.93	
285	844.80	887.98	
290	953.57	1002.08	
295	1071.42	1125.73	
300	1193.61	1253.96	
305	1315.62	1382.01	
310	1433.49	1505.72	
315	1544.03	1621.75	
320	1644.87	1727.60	
325	1734.42	1821.60	
330	1811.78	1902.80	
335	1876.58	1970.83	
340	1928.87	2025.73	
345	1968.94	2067.79	
350	1997.18	2097.44	
355	2013.95	2115.04	

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.

10 Nov 2011

Prepared by Audio Division, Media Bureau
Federal Communications Commission