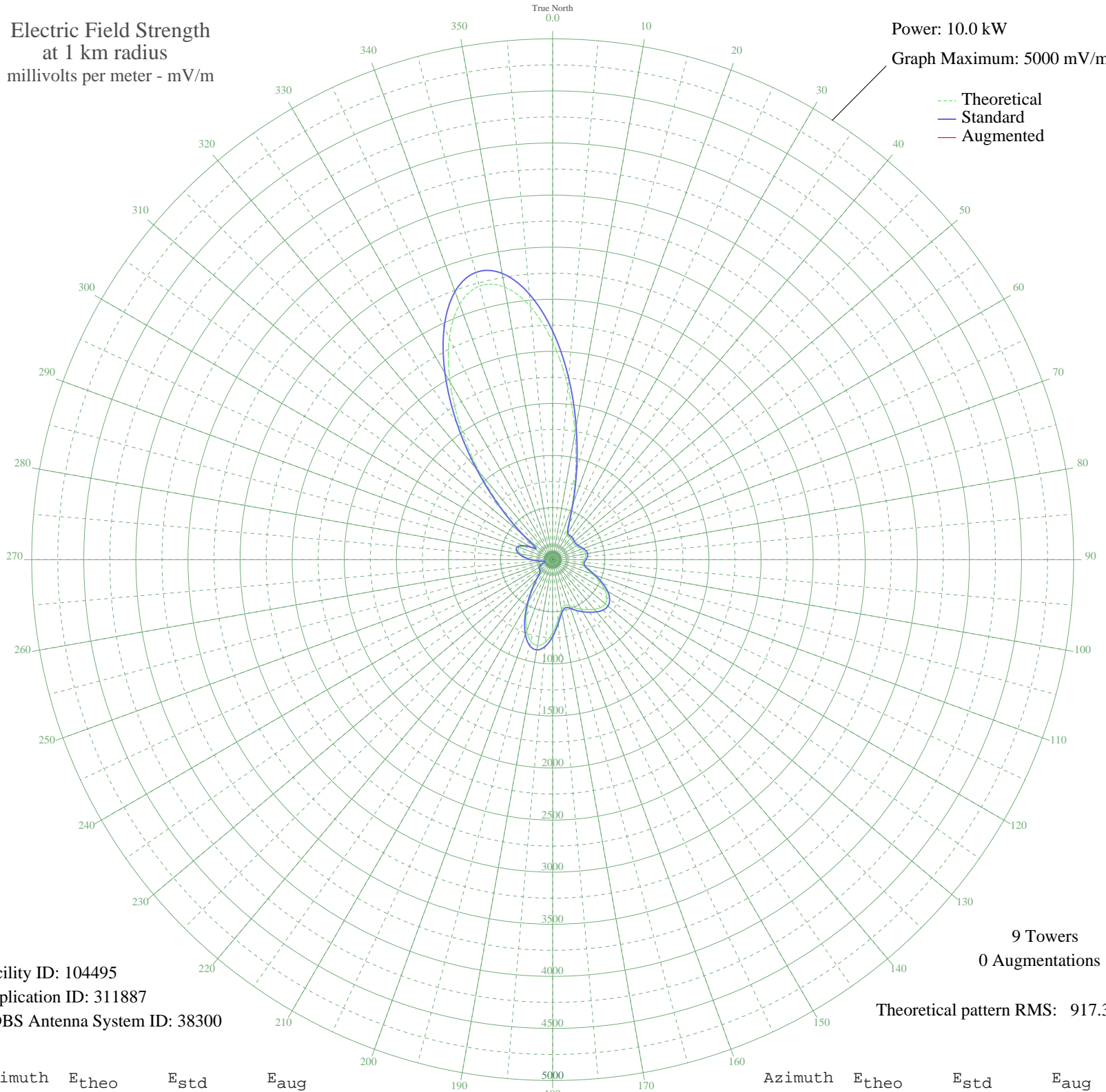


# CJBK LONDON, ON Canada -- 1290 kHz

Daytime

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

Power: 10.0 kW  
Graph Maximum: 5000 mV/m



Facility ID: 104495  
Application ID: 311887  
CDBS Antenna System ID: 38300

9 Towers  
0 Augmentations

Theoretical pattern RMS: 917.33

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	2089.67	2194.58	
5	1670.09	1754.12	
10	1236.73	1299.28	
15	844.53	887.81	
20	537.51	566.03	
25	346.75	366.64	
30	274.69	291.64	
35	266.55	283.19	
40	267.16	283.83	
45	262.17	278.64	
50	255.60	271.83	
55	253.87	270.04	
60	260.82	277.25	
65	276.18	293.19	
70	295.60	313.37	
75	312.50	330.95	
80	320.60	339.39	
85	316.42	335.04	
90	301.82	319.84	
95	287.26	304.70	
100	292.66	310.31	
105	335.03	354.42	
110	410.38	433.06	
115	498.81	525.53	
120	579.07	609.56	
125	635.05	668.20	
130	658.49	692.77	
135	650.79	684.70	
140	622.04	654.57	
145	585.46	616.25	
150	548.65	577.70	
155	510.45	537.71	
160	471.70	497.17	
165	452.53	477.11	
170	488.11	514.33	
175	584.00	614.71	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	701.79	738.14	
185	796.08	837.00	
190	836.46	879.34	
195	811.48	853.15	
200	726.86	764.42	
205	600.78	632.29	
210	457.67	482.50	
215	322.58	341.45	
220	217.84	232.77	
225	159.97	173.43	
230	144.92	158.17	
235	144.49	157.74	
240	137.27	150.46	
245	116.45	129.68	
250	83.26	97.51	
255	51.80	69.45	
260	70.85	86.02	
265	130.44	143.61	
270	197.60	211.93	
275	260.54	276.96	
280	310.95	329.34	
285	340.61	360.24	
290	340.53	360.15	
295	301.85	319.87	
300	225.06	240.23	
305	185.08	199.07	
310	357.06	377.39	
315	678.95	714.20	
320	1083.61	1138.61	
325	1529.61	1606.67	
330	1968.54	2067.42	
335	2345.67	2463.33	
340	2608.63	2739.40	
345	2718.20	2854.44	
350	2657.47	2790.68	
355	2436.31	2558.49	

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.

26 Jun 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission