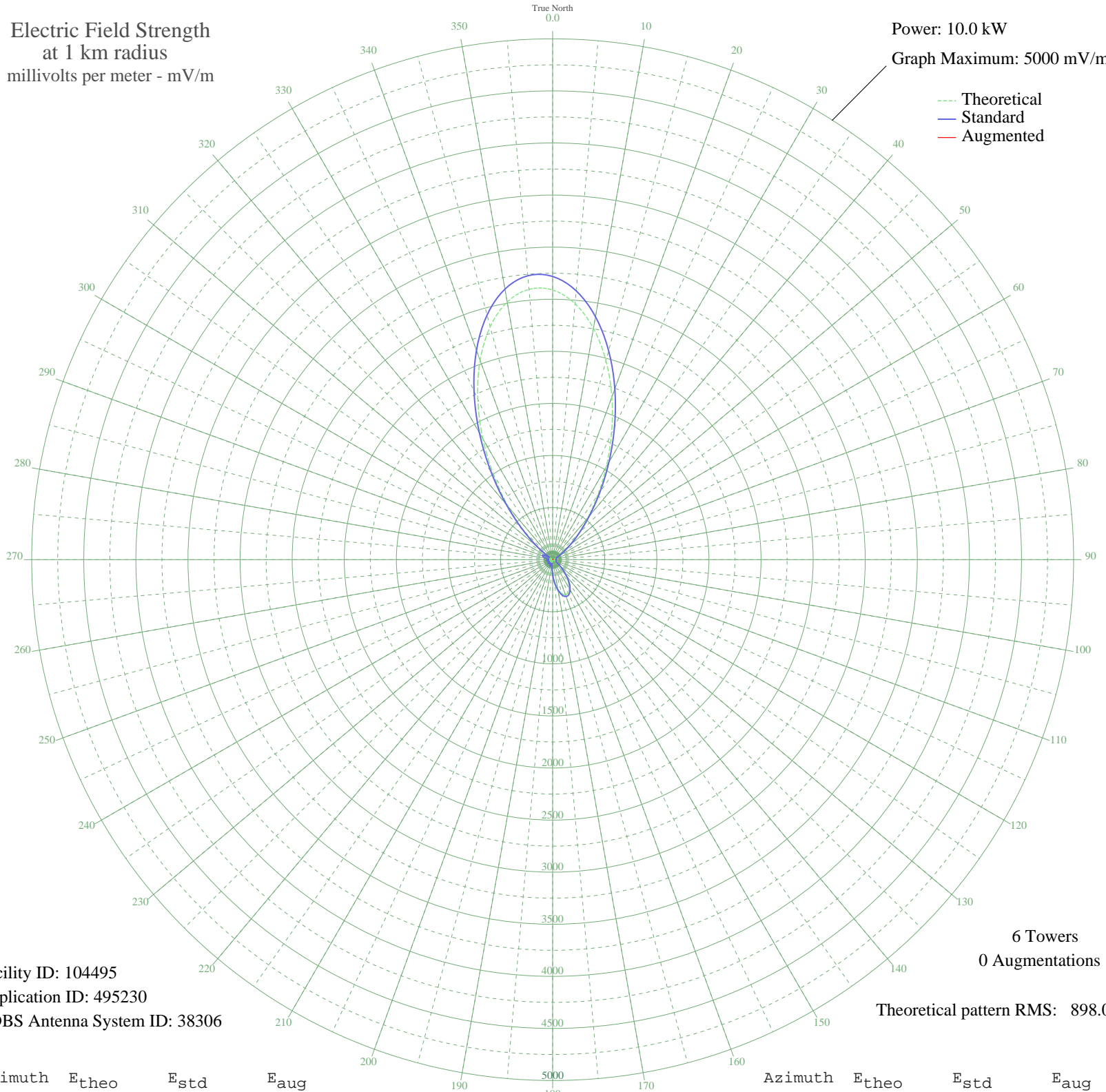


# CJBK LONDON, ON Canada -- 1290 kHz

Nighttime

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: 495230  
CDBS Antenna System ID: 38306

6 Towers  
0 Augmentations  
Theoretical pattern RMS: 898.00

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	2588.98	2718.63	
5	2466.99	2590.55	
10	2254.95	2367.93	
15	1976.90	2076.01	
20	1661.27	1744.65	
25	1336.54	1403.76	
30	1027.45	1079.34	
35	752.36	790.68	
40	522.19	549.30	
45	340.66	359.23	
50	205.72	218.54	
55	111.35	121.54	
60	49.63	61.79	
65	12.41	35.67	
70	7.90	34.22	
75	16.48	37.44	
80	17.68	38.04	
85	14.04	36.33	
90	7.24	34.06	
95	1.62	33.25	
100	10.55	35.00	
105	17.83	38.12	
110	20.49	39.56	
115	15.27	36.87	
120	5.02	33.62	
125	33.26	48.19	
130	78.25	88.62	
135	135.68	146.28	
140	200.23	212.85	
145	263.90	279.08	
150	317.09	334.60	
155	350.42	369.44	
160	356.87	376.18	
165	333.60	351.85	
170	283.07	299.07	
175	212.76	225.86	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	133.79	144.35	
185	58.53	69.86	
190	6.01	33.80	
195	42.19	55.37	
200	57.37	68.78	
205	51.30	63.28	
210	30.38	46.05	
215	4.53	33.54	
220	23.90	41.62	
225	41.78	55.02	
230	47.99	60.35	
235	41.84	55.07	
240	25.49	42.65	
245	3.39	33.39	
250	20.09	39.34	
255	38.48	52.30	
260	47.56	59.97	
265	44.24	57.10	
270	27.62	44.09	
275	3.42	33.40	
280	36.43	50.65	
285	71.05	81.65	
290	94.60	104.73	
295	94.52	104.65	
300	57.42	68.83	
305	30.37	46.04	
310	176.49	188.27	
315	387.24	407.96	
320	659.85	693.64	
325	983.54	1033.26	
330	1339.08	1406.43	
335	1700.11	1785.42	
340	2035.91	2137.96	
345	2315.39	2431.38	
350	2511.47	2637.26	
355	2605.27	2735.73	

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.

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24 Oct 2009

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Prepared by Audio Division, Media Bureau  
Federal Communications Commission