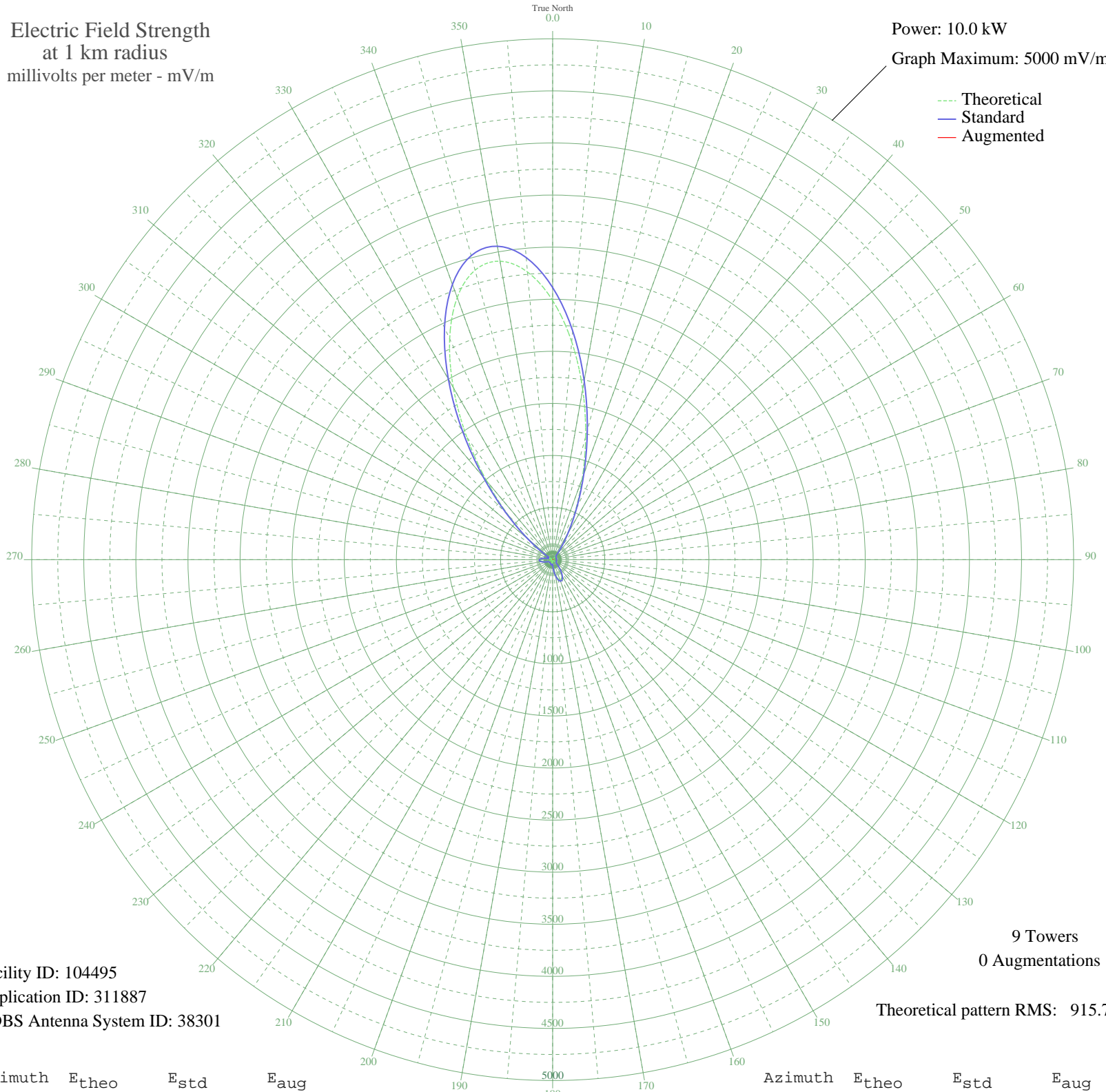


CJBK LONDON, ON Canada -- 1290 kHz

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: 311887
CDBS Antenna System ID: 38301

9 Towers
0 Augmentations
Theoretical pattern RMS: 915.72

Azimuth	E _{theo}	E _{std}	E _{aug}
0	2487.82	2612.51	
5	2099.44	2204.76	
10	1660.24	1743.69	
15	1223.32	1285.08	
20	832.14	874.62	
25	514.55	541.69	
30	281.19	297.83	
35	127.83	139.80	
40	40.15	57.51	
45	0.66	39.12	
50	13.02	41.43	
55	11.75	41.01	
60	6.63	39.73	
65	2.61	39.21	
70	0.92	39.12	
75	0.71	39.12	
80	0.53	39.12	
85	0.58	39.12	
90	2.53	39.20	
95	4.24	39.36	
100	4.21	39.36	
105	1.34	39.14	
110	4.17	39.36	
115	10.27	40.57	
120	13.12	41.47	
125	7.96	39.99	
130	9.34	40.32	
135	40.40	57.70	
140	82.94	95.47	
145	130.40	142.40	
150	173.08	185.89	
155	200.69	214.32	
160	205.54	219.33	
165	185.24	198.39	
170	143.77	155.94	
175	90.48	102.74	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	37.28	55.33	
185	5.11	39.48	
190	30.16	50.33	
195	37.07	55.18	
200	30.14	50.31	
205	16.58	42.81	
210	3.69	39.30	
215	3.57	39.29	
220	3.85	39.32	
225	0.72	39.12	
230	5.75	39.58	
235	6.32	39.67	
240	1.32	39.14	
245	18.51	43.68	
250	43.69	60.28	
255	72.53	85.61	
260	98.72	110.79	
265	115.28	127.21	
270	116.17	128.10	
275	98.18	110.25	
280	62.70	76.58	
285	17.29	43.12	
290	23.72	46.37	
295	39.77	57.22	
300	6.46	39.70	
305	100.46	112.50	
310	299.58	316.98	
315	598.01	629.13	
320	986.54	1036.60	
325	1437.54	1509.92	
330	1906.66	2002.38	
335	2338.91	2456.17	
340	2678.02	2812.19	
345	2877.36	3021.48	
350	2909.53	3055.26	
355	2772.09	2910.96	

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.

14 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission