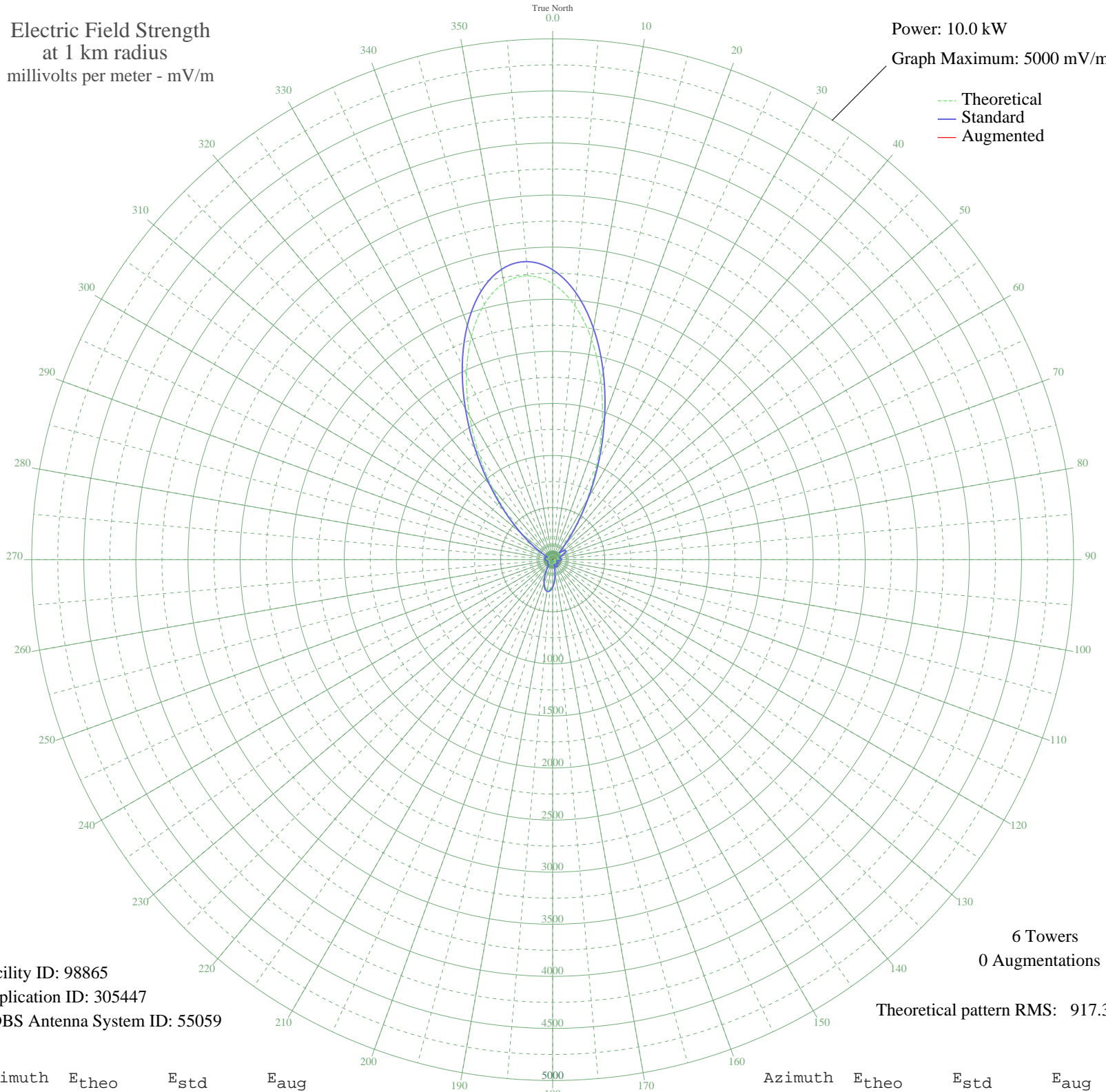


# CJBQ BELLEVILLE, ON Canada -- 800 kHz

Nighttime

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

Power: 10.0 kW  
Graph Maximum: 5000 mV/m



Facility ID: 98865  
Application ID: 305447  
CDBS Antenna System ID: 55059

6 Towers  
0 Augmentations

Theoretical pattern RMS: 917.33

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	2650.38	2783.09	
5	2447.71	2570.31	
10	2148.35	2256.01	
15	1783.41	1872.87	
20	1389.13	1458.97	
25	1001.54	1052.14	
30	651.72	685.11	
35	363.14	382.74	
40	154.36	165.45	
45	78.55	88.91	
50	122.55	132.89	
55	143.22	154.01	
60	130.28	140.77	
65	97.62	107.75	
70	63.74	74.71	
75	52.54	64.39	
80	65.17	76.06	
85	76.31	86.73	
90	75.20	85.66	
95	60.95	72.10	
100	36.91	51.03	
105	11.28	35.25	
110	23.95	41.65	
115	44.19	57.06	
120	53.55	65.30	
125	49.72	61.87	
130	35.79	50.14	
135	28.08	44.41	
140	44.94	57.70	
145	64.91	75.81	
150	71.78	82.36	
155	58.50	69.82	
160	30.18	45.90	
165	53.80	65.53	
170	121.00	131.32	
175	191.42	203.71	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	249.94	264.53	
185	285.77	301.89	
190	293.13	309.57	
195	272.16	287.69	
200	228.50	242.21	
205	171.67	183.29	
210	112.98	123.19	
215	64.39	75.32	
220	40.33	53.81	
225	42.81	55.88	
230	47.64	60.04	
235	45.42	58.12	
240	38.20	52.07	
245	31.30	46.72	
250	30.23	45.93	
255	35.44	49.87	
260	43.24	56.25	
265	51.35	63.32	
270	58.95	70.24	
275	65.21	76.09	
280	68.17	78.90	
285	64.31	75.25	
290	49.79	61.93	
295	37.97	51.88	
300	92.87	103.01	
305	209.00	221.94	
310	381.28	401.72	
315	612.50	643.99	
320	900.40	946.00	
325	1234.48	1296.63	
330	1595.15	1675.24	
335	1954.60	2052.59	
340	2279.67	2393.88	
345	2536.33	2663.35	
350	2694.93	2829.87	
355	2735.30	2872.25	

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.

20 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission