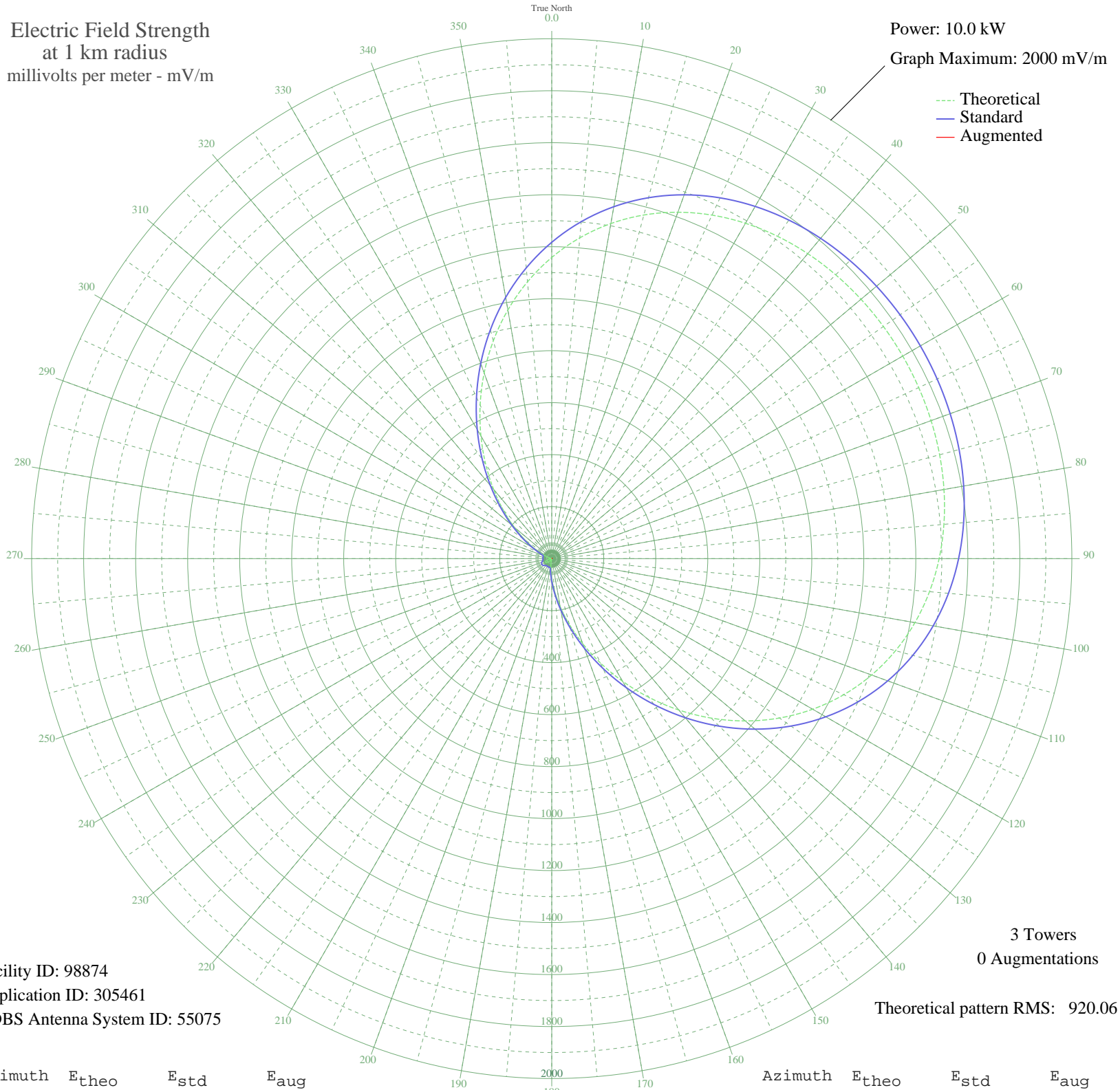


# CJVA CARAQUET, NB Canada -- 810 kHz

Nighttime

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

Power: 10.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 98874  
Application ID: 305461  
CDBS Antenna System ID: 55075

3 Towers  
0 Augmentations  
Theoretical pattern RMS: 920.06

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1158.60	1216.98	
5	1238.83	1301.19	
10	1308.89	1374.74	
15	1368.57	1437.38	
20	1418.11	1489.38	
25	1458.18	1531.45	
30	1489.71	1564.55	
35	1513.80	1589.83	
40	1531.58	1608.50	
45	1544.13	1621.68	
50	1552.38	1630.34	
55	1557.03	1635.22	
60	1558.53	1636.79	
65	1557.03	1635.22	
70	1552.38	1630.34	
75	1544.13	1621.68	
80	1531.58	1608.50	
85	1513.80	1589.84	
90	1489.71	1564.55	
95	1458.18	1531.45	
100	1418.11	1489.38	
105	1368.57	1437.38	
110	1308.89	1374.74	
115	1238.83	1301.19	
120	1158.60	1216.98	
125	1068.98	1122.92	
130	971.33	1020.43	
135	867.55	911.54	
140	760.03	798.72	
145	651.45	684.83	
150	544.69	572.89	
155	442.58	465.90	
160	347.74	366.63	
165	262.36	277.47	
170	188.11	200.28	
175	126.01	136.41	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	76.43	86.85	
185	39.09	52.79	
190	13.14	35.96	
195	2.71	33.33	
200	10.12	34.86	
205	10.90	35.12	
210	6.94	33.99	
215	0.07	33.20	
220	8.03	34.26	
225	15.91	37.17	
230	22.40	40.69	
235	26.64	43.42	
240	28.11	44.43	
245	26.64	43.42	
250	22.40	40.69	
255	15.91	37.17	
260	8.03	34.26	
265	0.07	33.20	
270	6.94	33.99	
275	10.90	35.12	
280	10.12	34.86	
285	2.71	33.33	
290	13.14	35.96	
295	39.09	52.79	
300	76.43	86.85	
305	126.01	136.41	
310	188.11	200.28	
315	262.36	277.47	
320	347.74	366.63	
325	442.58	465.90	
330	544.69	572.89	
335	651.45	684.83	
340	760.03	798.72	
345	867.55	911.54	
350	971.33	1020.44	
355	1068.98	1122.92	

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