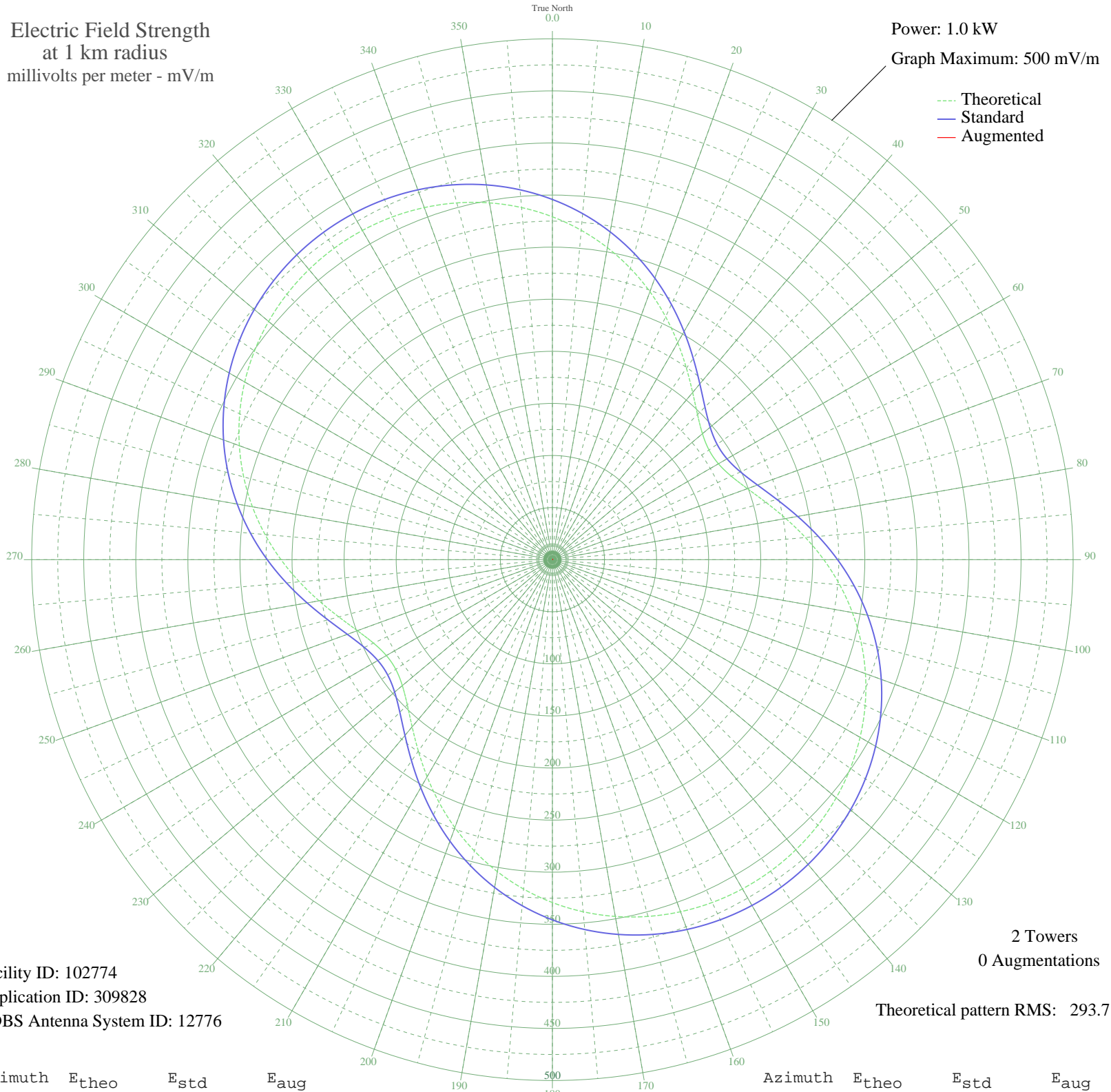


# CJUL CORNWALL, ON Canada -- 1220 kHz

Daytime

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

Power: 1.0 kW  
Graph Maximum: 500 mV/m



Facility ID: 102774  
Application ID: 309828  
CDBS Antenna System ID: 12776

2 Towers  
0 Augmentations

Theoretical pattern RMS: 293.71

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	329.17	345.78	
5	317.41	333.44	
10	304.12	319.50	
15	289.48	304.14	
20	273.74	287.62	
25	257.26	270.33	
30	240.58	252.82	
35	224.37	235.82	
40	209.51	220.24	
45	197.05	207.17	
50	188.08	197.77	
55	183.58	193.05	
60	184.09	193.58	
65	189.55	199.30	
70	199.30	209.53	
75	212.33	223.19	
80	227.53	239.14	
85	243.90	256.31	
90	260.59	273.82	
95	276.96	291.00	
100	292.51	307.31	
105	306.90	322.41	
110	319.88	336.04	
115	331.32	348.05	
120	341.13	358.34	
125	349.26	366.88	
130	355.71	373.64	
135	360.49	378.66	
140	363.60	381.93	
145	365.08	383.48	
150	364.91	383.30	
155	363.11	381.41	
160	359.67	377.79	
165	354.56	372.43	
170	347.77	365.31	
175	339.30	356.42	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	329.17	345.78	
185	317.41	333.44	
190	304.12	319.50	
195	289.48	304.14	
200	273.74	287.62	
205	257.26	270.33	
210	240.58	252.82	
215	224.37	235.82	
220	209.51	220.24	
225	197.05	207.17	
230	188.08	197.77	
235	183.58	193.05	
240	184.09	193.58	
245	189.55	199.30	
250	199.30	209.53	
255	212.33	223.19	
260	227.53	239.14	
265	243.90	256.31	
270	260.59	273.82	
275	276.96	291.00	
280	292.51	307.31	
285	306.90	322.41	
290	319.88	336.04	
295	331.32	348.05	
300	341.13	358.34	
305	349.26	366.88	
310	355.71	373.65	
315	360.49	378.66	
320	363.60	381.93	
325	365.08	383.48	
330	364.91	383.30	
335	363.11	381.41	
340	359.67	377.79	
345	354.56	372.43	
350	347.77	365.31	
355	339.30	356.42	

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.

03 Jul 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission