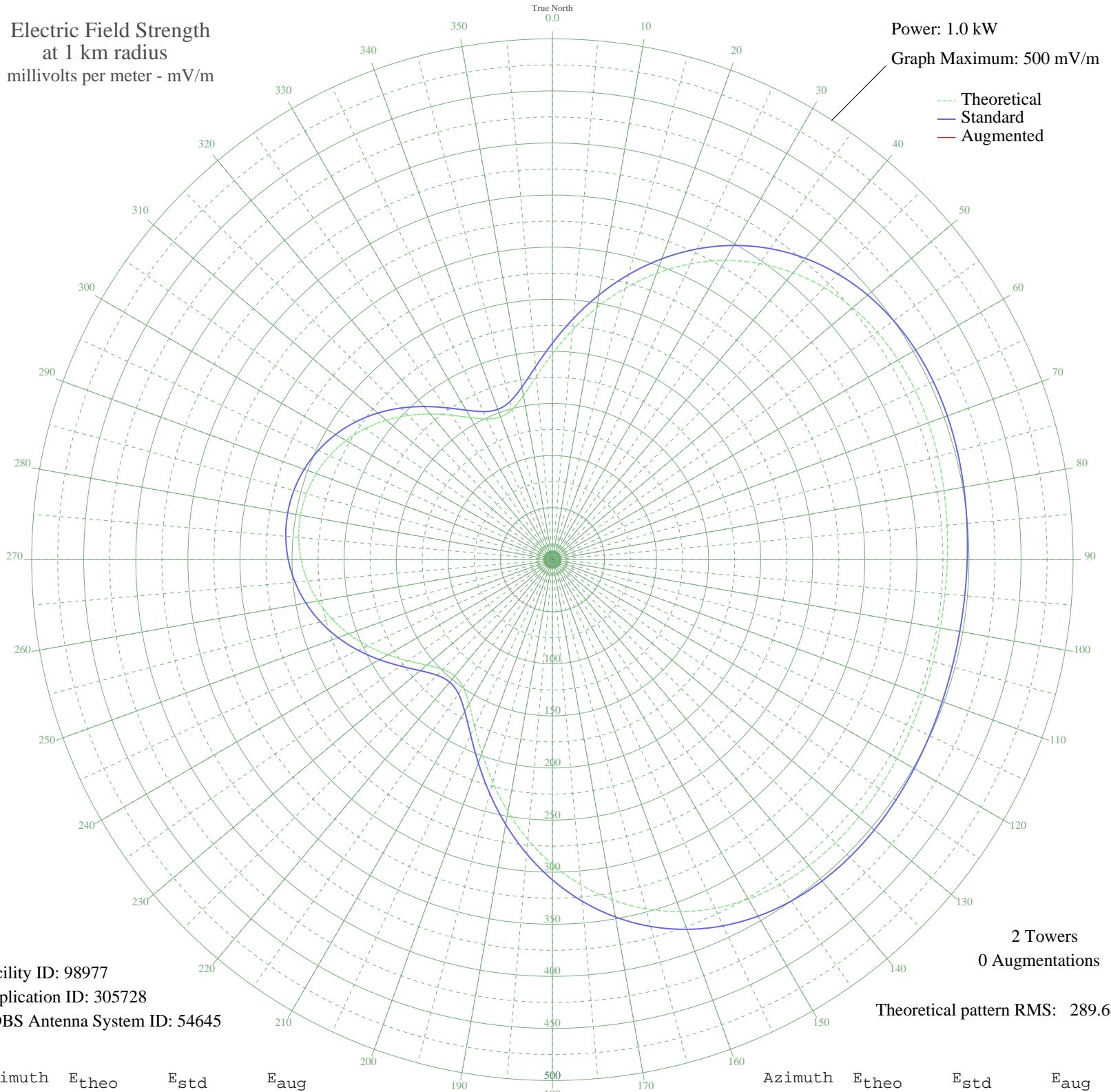


CKNB CAMPBELLTON, NB Canada -- 950 kHz

Nighttime

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

Power: 1.0 kW  
Graph Maximum: 500 mV/m



Facility ID: 98977  
Application ID: 305728  
CDBS Antenna System ID: 54645

2 Towers  
0 Augmentations

Theoretical pattern RMS: 289.68

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	197.65	207.80	
5	221.16	232.45	
10	245.60	258.10	
15	269.72	283.40	
20	292.53	307.33	
25	313.31	329.14	
30	331.56	348.30	
35	347.01	364.51	
40	359.54	377.66	
45	369.21	387.81	
50	376.20	395.15	
55	380.82	400.00	
60	383.41	402.72	
65	384.40	403.76	
70	384.20	403.55	
75	383.23	402.53	
80	381.87	401.10	
85	380.44	399.60	
90	379.23	398.33	
95	378.41	397.47	
100	378.13	397.18	
105	378.41	397.47	
110	379.23	398.33	
115	380.44	399.60	
120	381.87	401.10	
125	383.23	402.53	
130	384.20	403.55	
135	384.40	403.76	
140	383.41	402.72	
145	380.82	400.00	
150	376.20	395.15	
155	369.21	387.81	
160	359.54	377.66	
165	347.01	364.51	
170	331.56	348.30	
175	313.31	329.14	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	292.53	307.33	
185	269.72	283.40	
190	245.60	258.10	
195	221.16	232.45	
200	197.65	207.80	
205	176.66	185.79	
210	159.99	168.32	
215	149.38	157.20	
220	145.82	153.48	
225	149.04	156.84	
230	157.52	165.73	
235	169.26	178.03	
240	182.46	191.88	
245	195.77	205.83	
250	208.26	218.92	
255	219.34	230.54	
260	228.66	240.33	
265	236.03	248.06	
270	241.34	253.62	
275	244.54	256.98	
280	245.60	258.10	
285	244.54	256.98	
290	241.34	253.62	
295	236.03	248.06	
300	228.66	240.33	
305	219.34	230.54	
310	208.26	218.92	
315	195.77	205.83	
320	182.46	191.88	
325	169.26	178.03	
330	157.52	165.73	
335	149.04	156.84	
340	145.82	153.48	
345	149.38	157.20	
350	159.99	168.32	
355	176.66	185.79	

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