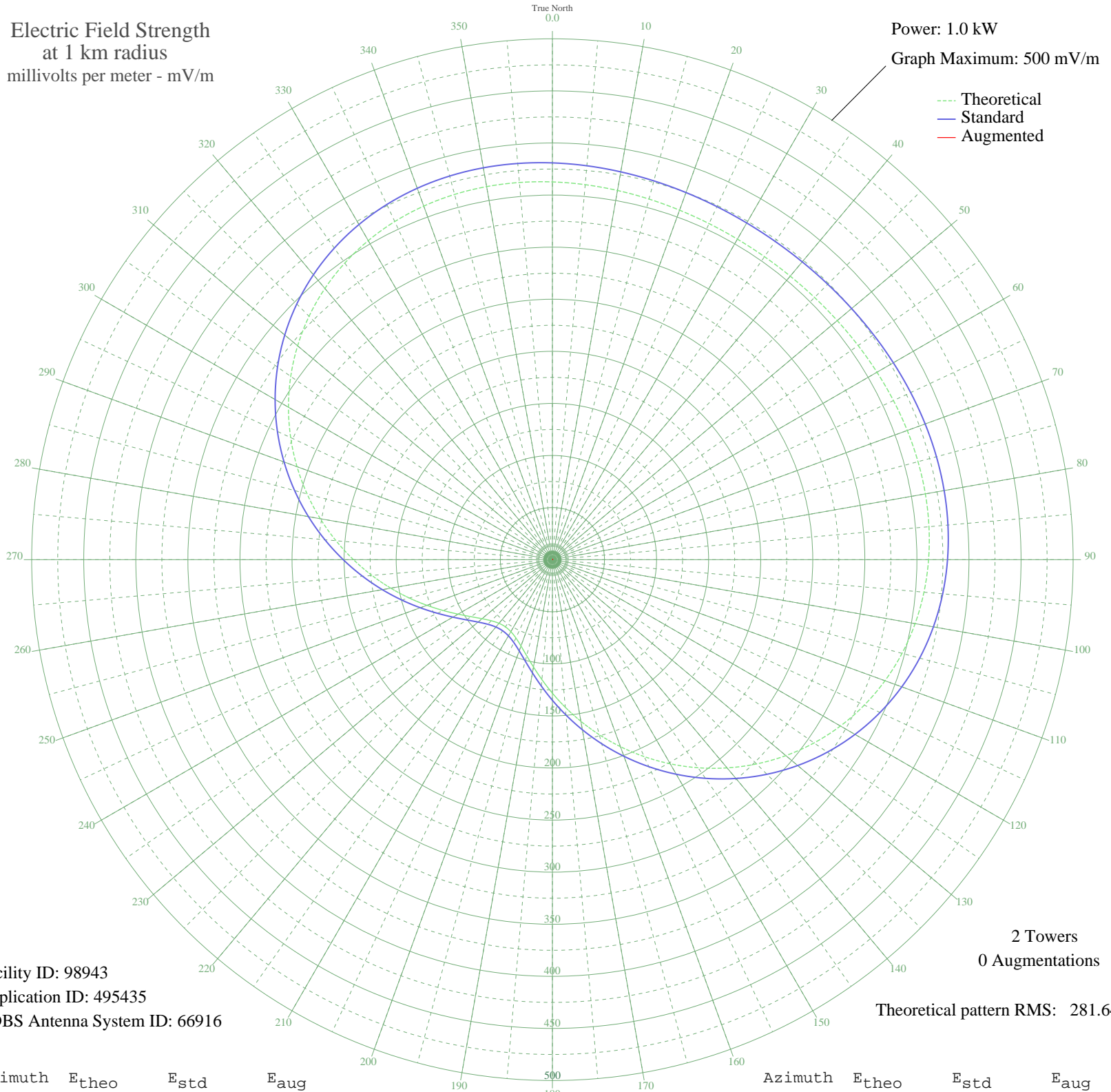


CJEM EDMUNDSTON, NB Canada -- 570 kHz

Nighttime

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

Power: 1.0 kW
Graph Maximum: 500 mV/m



Facility ID: 98943
Application ID: 495435
CDBS Antenna System ID: 66916

2 Towers
0 Augmentations

Theoretical pattern RMS: 281.64

Azimuth	E _{theo}	E _{std}	E _{aug}
0	362.62	380.90	
5	361.36	379.57	
10	359.88	378.02	
15	358.38	376.45	
20	357.03	375.03	
25	355.97	373.91	
30	355.29	373.20	
35	355.05	372.95	
40	355.29	373.20	
45	355.97	373.91	
50	357.03	375.03	
55	358.38	376.45	
60	359.88	378.02	
65	361.36	379.57	
70	362.62	380.90	
75	363.46	381.78	
80	363.65	381.98	
85	362.97	381.26	
90	361.20	379.40	
95	358.15	376.20	
100	353.65	371.48	
105	347.58	365.11	
110	339.85	357.00	
115	330.44	347.12	
120	319.37	335.50	
125	306.72	322.23	
130	292.64	307.45	
135	277.31	291.36	
140	260.96	274.21	
145	243.86	256.27	
150	226.30	237.85	
155	208.60	219.28	
160	191.04	200.87	
165	173.95	182.95	
170	157.60	165.81	
175	142.26	149.74	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	128.18	135.00	
185	115.57	121.80	
190	104.60	110.33	
195	95.44	100.76	
200	88.19	93.19	
205	82.94	87.72	
210	79.77	84.42	
215	78.71	83.31	
220	79.77	84.42	
225	82.94	87.72	
230	88.19	93.19	
235	95.44	100.76	
240	104.60	110.34	
245	115.57	121.80	
250	128.18	135.00	
255	142.26	149.74	
260	157.60	165.81	
265	173.95	182.95	
270	191.04	200.87	
275	208.60	219.28	
280	226.30	237.85	
285	243.86	256.27	
290	260.96	274.21	
295	277.31	291.36	
300	292.64	307.45	
305	306.72	322.23	
310	319.37	335.50	
315	330.44	347.12	
320	339.85	357.00	
325	347.58	365.11	
330	353.65	371.48	
335	358.15	376.20	
340	361.20	379.40	
345	362.97	381.26	
350	363.65	381.98	
355	363.46	381.78	

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