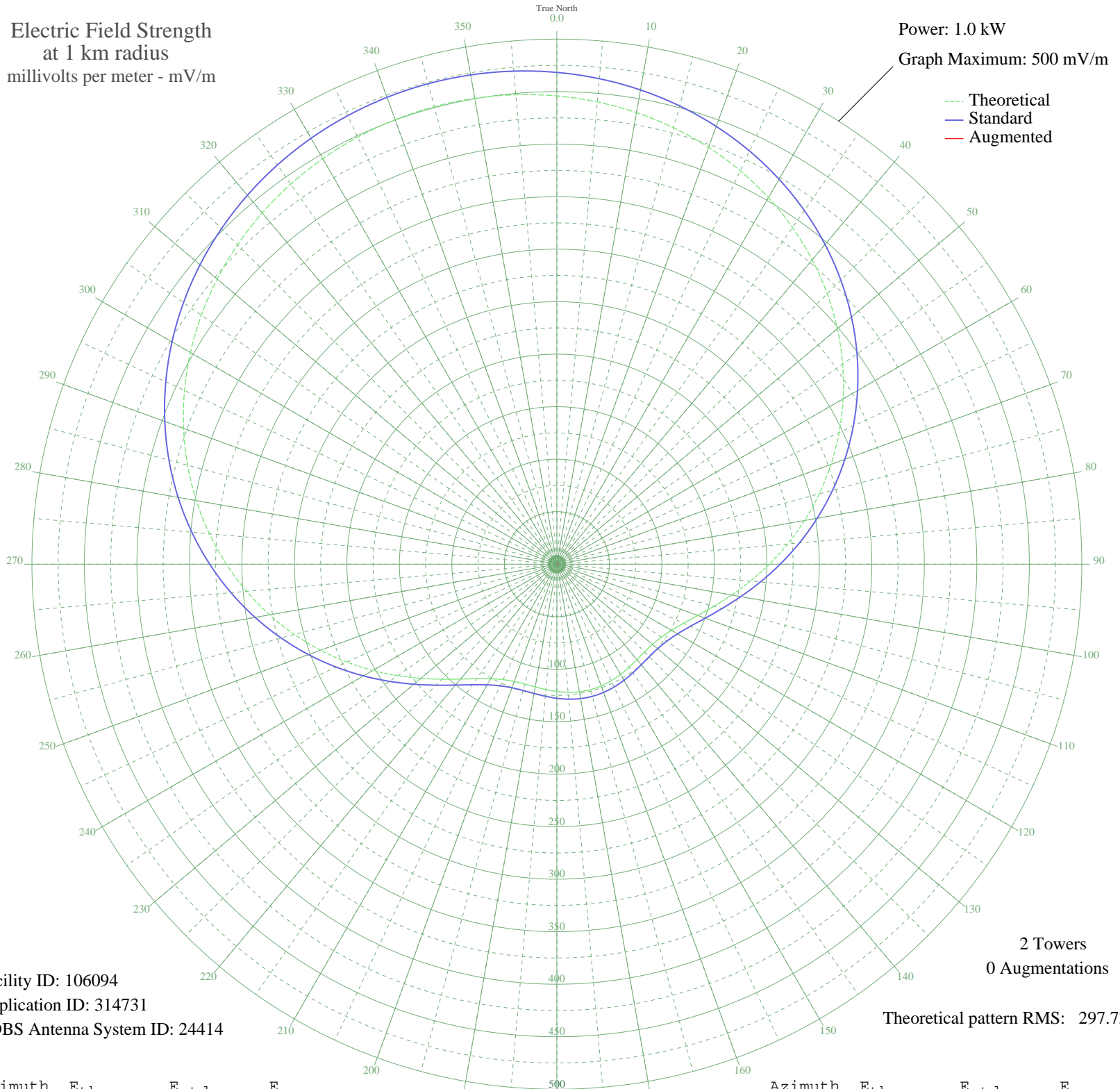


CJCW SUSSEX, NB Canada -- 590 kHz

Daytime

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

Power: 1.0 kW
Graph Maximum: 500 mV/m



Facility ID: 106094
Application ID: 314731
CDBS Antenna System ID: 24414

2 Towers
0 Augmentations

Theoretical pattern RMS: 297.73

Azimuth	E _{theo}	E _{std}	E _{aug}
0	445.89	468.30	
5	441.86	464.08	
10	436.63	458.58	
15	430.16	451.79	
20	422.41	443.66	
25	413.37	434.16	
30	403.01	423.29	
35	391.34	411.04	
40	378.37	397.42	
45	364.14	382.49	
50	348.73	366.32	
55	332.24	349.01	
60	314.80	330.71	
65	296.59	311.60	
70	277.81	291.89	
75	258.70	271.84	
80	239.54	251.74	
85	220.65	231.92	
90	202.35	212.73	
95	185.04	194.57	
100	169.08	177.85	
105	154.89	162.97	
110	142.81	150.32	
115	133.14	140.19	
120	125.99	132.71	
125	121.32	127.82	
130	118.85	125.23	
135	118.13	124.48	
140	118.63	125.01	
145	119.82	126.25	
150	121.24	127.73	
155	122.51	129.06	
160	123.37	129.97	
165	123.68	130.29	
170	123.37	129.97	
175	122.51	129.06	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	121.24	127.73	
185	119.82	126.25	
190	118.63	125.01	
195	118.13	124.48	
200	118.85	125.23	
205	121.32	127.82	
210	125.99	132.71	
215	133.14	140.19	
220	142.81	150.32	
225	154.89	162.97	
230	169.08	177.85	
235	185.04	194.57	
240	202.35	212.73	
245	220.65	231.92	
250	239.54	251.74	
255	258.70	271.84	
260	277.81	291.89	
265	296.59	311.60	
270	314.80	330.71	
275	332.24	349.01	
280	348.73	366.32	
285	364.14	382.49	
290	378.37	397.42	
295	391.34	411.04	
300	403.01	423.29	
305	413.37	434.16	
310	422.41	443.66	
315	430.16	451.79	
320	436.63	458.58	
325	441.86	464.08	
330	445.89	468.30	
335	448.74	471.30	
340	450.45	473.08	
345	451.01	473.68	
350	450.45	473.08	
355	448.74	471.30	

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