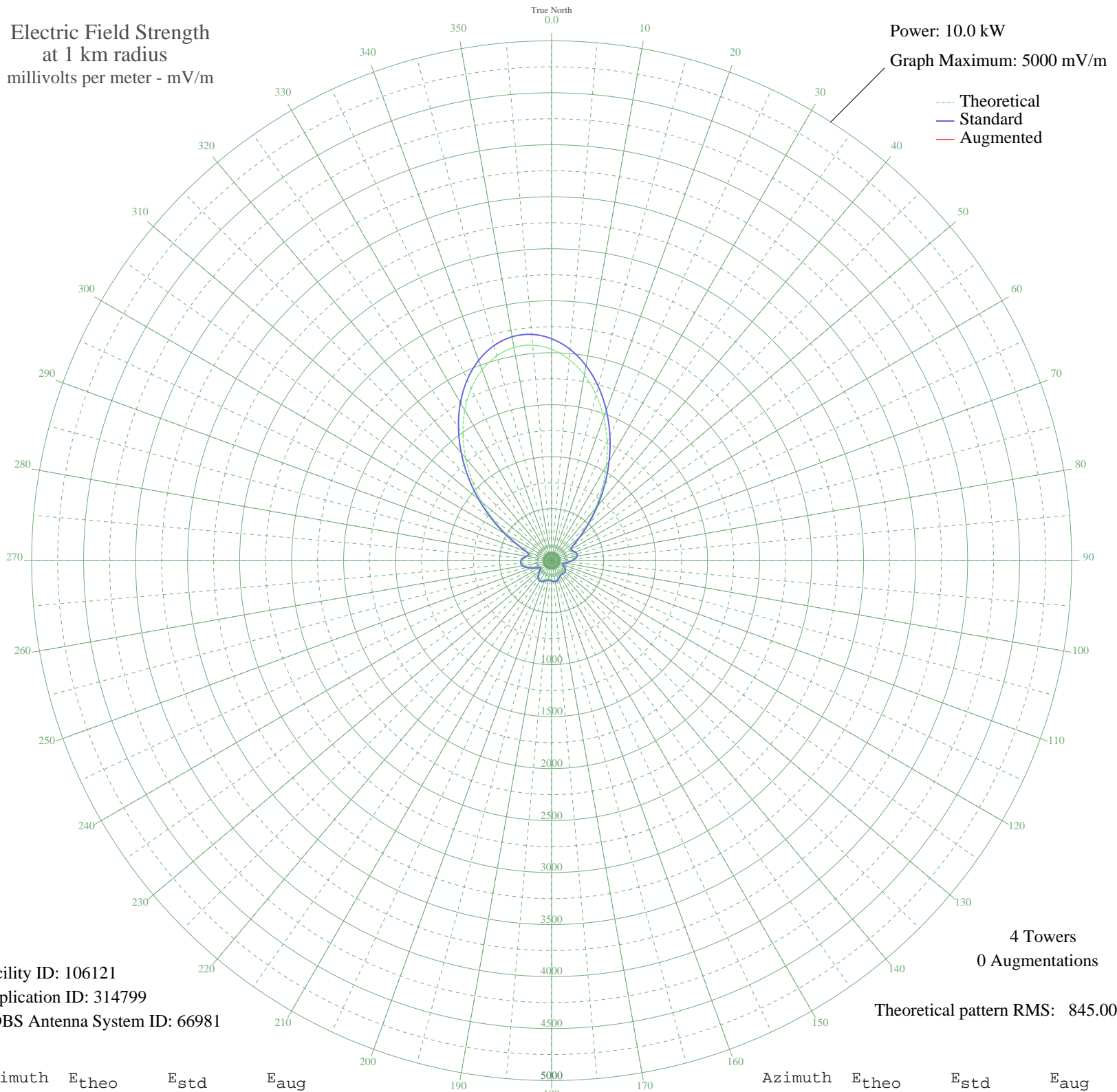


# CJET SMITHS FALLS, ON Canada -- 630 kHz

Daytime

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

Power: 10.0 kW  
Graph Maximum: 5000 mV/m



Facility ID: 106121  
Application ID: 314799  
CDBS Antenna System ID: 66981

4 Towers  
0 Augmentations

Theoretical pattern RMS: 845.00

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	2032.89	2134.79	
5	1942.47	2039.86	
10	1813.31	1904.26	
15	1651.59	1734.49	
20	1465.01	1538.62	
25	1262.31	1325.84	
30	1052.78	1105.92	
35	845.86	888.77	
40	650.86	684.21	
45	477.21	502.17	
50	335.62	353.97	
55	240.22	254.40	
60	203.20	215.93	
65	210.63	223.64	
70	229.50	243.26	
75	239.85	254.02	
80	235.43	249.42	
85	216.48	229.72	
90	186.33	198.44	
95	150.50	161.48	
100	117.25	127.51	
105	98.31	108.43	
110	101.69	111.81	
115	119.49	129.78	
120	138.79	149.47	
125	152.46	163.49	
130	158.38	169.58	
135	157.75	168.94	
140	154.30	165.38	
145	152.93	163.97	
150	157.28	168.45	
155	167.20	178.68	
160	179.04	190.91	
165	188.33	200.51	
170	192.03	204.35	
175	189.63	201.86	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	183.41	195.42	
185	177.91	189.73	
190	177.99	189.81	
195	185.52	197.60	
200	197.71	210.24	
205	208.99	221.93	
210	213.88	227.02	
215	208.72	221.66	
220	192.28	204.61	
225	166.30	177.75	
230	136.73	147.35	
235	116.50	126.75	
240	122.37	132.71	
245	154.27	165.35	
250	196.66	209.14	
255	236.91	250.96	
260	267.27	282.60	
265	282.78	298.77	
270	280.72	296.63	
275	261.65	276.73	
280	232.77	246.66	
285	216.24	229.47	
290	249.66	264.24	
295	347.93	366.83	
300	494.54	520.32	
305	672.54	706.94	
310	870.23	914.34	
315	1077.96	1132.35	
320	1286.57	1351.30	
325	1486.94	1561.64	
330	1670.20	1754.03	
335	1828.01	1919.70	
340	1953.00	2050.92	
345	2039.19	2141.41	
350	2082.34	2186.71	
355	2080.25	2184.51	

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.

10 Nov 2011

Prepared by Audio Division, Media Bureau  
Federal Communications Commission