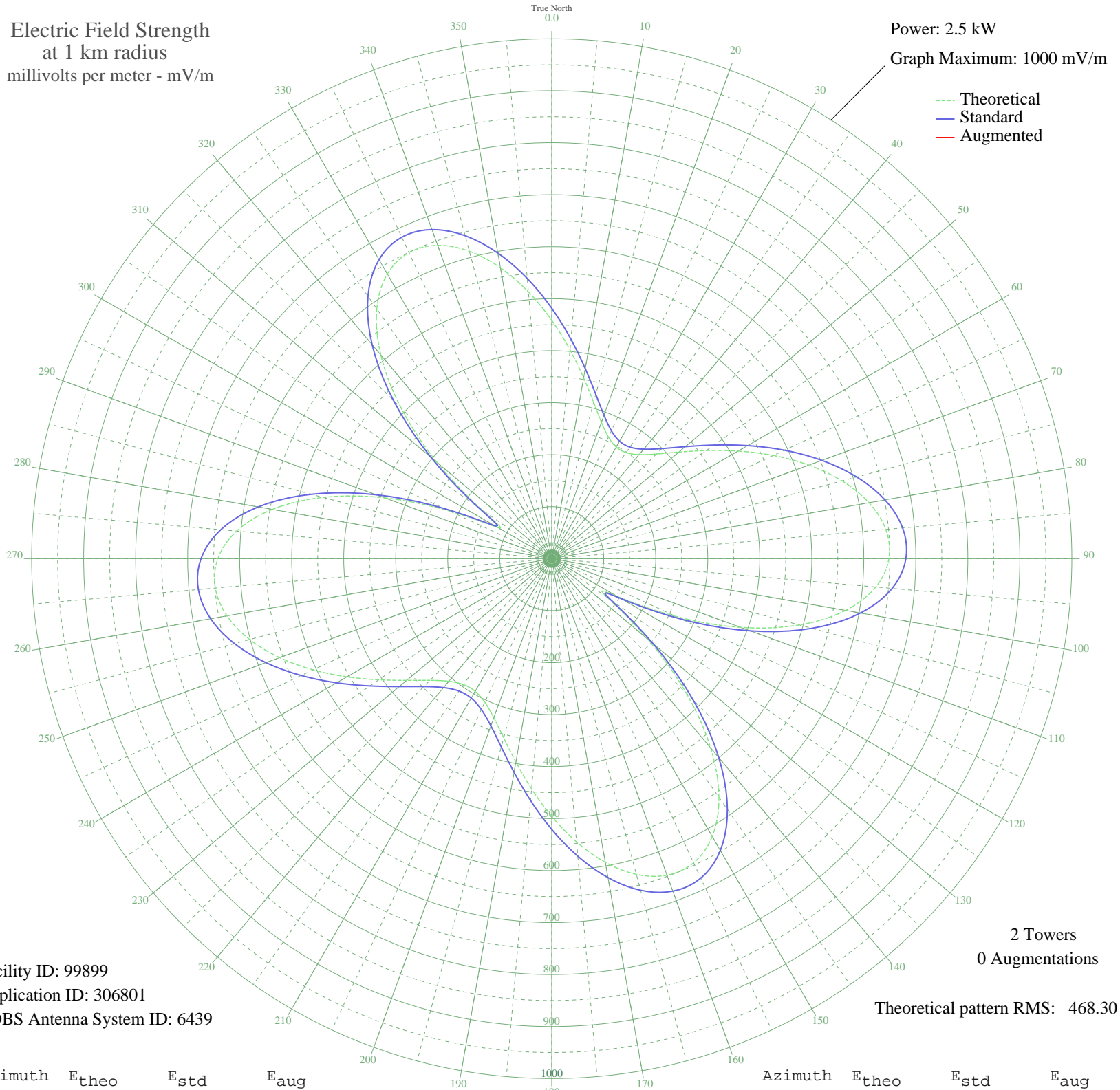


CFYN SAULT STE MARIE, ON Canada -- 1050 kHz

Nighttime

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

Power: 2.5 kW
Graph Maximum: 1000 mV/m



Facility ID: 99899
Application ID: 306801
CDBS Antenna System ID: 6439

2 Towers
0 Augmentations

Theoretical pattern RMS: 468.30

Azimuth	E _{theo}	E _{std}	E _{aug}
0	458.40	481.61	
5	403.12	423.60	
10	353.08	371.11	
15	311.15	327.13	
20	279.13	293.56	
25	257.95	271.36	
30	247.92	260.84	
35	249.03	262.01	
40	261.30	274.87	
45	284.68	299.38	
50	318.78	335.14	
55	362.52	381.01	
60	413.86	434.87	
65	469.77	493.53	
70	526.13	552.69	
75	577.93	607.06	
80	619.48	650.66	
85	644.81	677.25	
90	648.33	680.95	
95	625.53	657.01	
100	573.75	602.67	
105	492.99	517.90	
110	386.56	406.23	
115	262.81	276.45	
120	145.16	153.32	
125	131.34	138.90	
130	241.64	254.26	
135	366.17	384.83	
140	475.51	499.56	
145	560.41	588.67	
150	617.18	648.25	
155	645.57	678.05	
160	647.98	680.58	
165	628.69	660.33	
170	593.08	622.95	
175	546.91	574.50	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	495.73	520.79	
185	444.47	466.99	
190	397.14	417.33	
195	356.80	375.01	
200	325.53	342.21	
205	304.58	320.24	
210	294.56	309.73	
215	295.68	310.90	
220	307.91	323.73	
225	330.99	347.94	
230	364.20	382.77	
235	406.13	426.76	
240	454.52	477.54	
245	506.12	531.69	
250	556.72	584.79	
255	601.23	631.51	
260	634.04	665.94	
265	649.39	682.06	
270	642.08	674.38	
275	608.13	638.75	
280	545.62	573.14	
285	455.40	478.46	
290	342.02	359.51	
295	216.61	228.05	
300	119.46	126.53	
305	165.44	174.51	
310	288.26	303.13	
315	409.60	430.40	
320	511.36	537.18	
325	586.47	616.02	
330	632.35	664.18	
335	649.61	682.29	
340	641.32	673.59	
345	612.28	643.10	
350	568.20	596.85	
355	515.05	541.06	

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