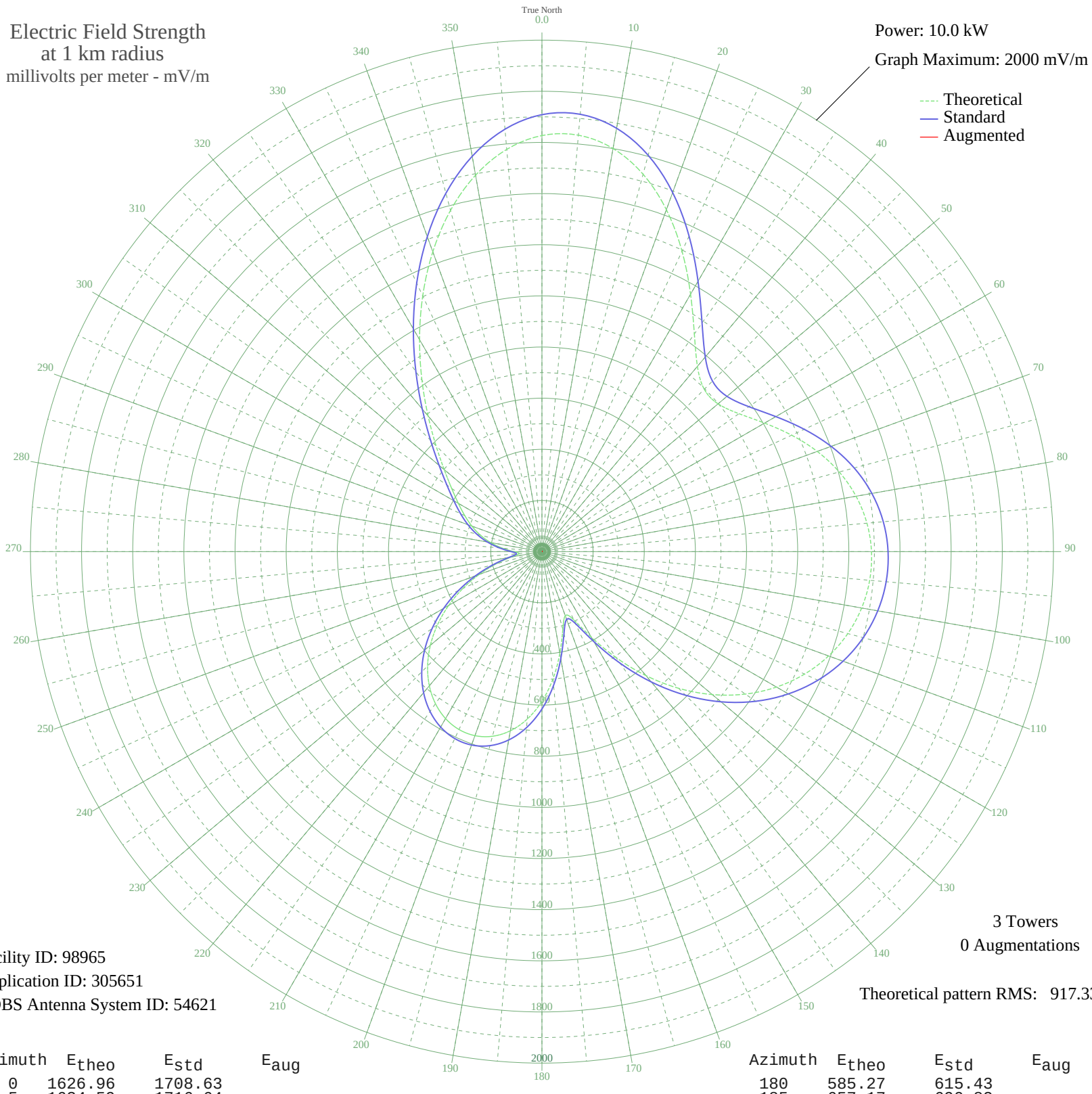
CKCY SAULT STE. MARIE, ON Canada -- 920 kHz

Daytime

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



Power: 10.0 kW

Graph Maximum: 2000 mV/m

Theoretical
Standard
Augmented

3 Towers
0 Augmentations

Facility ID: 98965
Application ID: 305651
CDBS Antenna System ID: 54621

Theoretical pattern RMS: 917.33

Azimuth	E_{theo}	E_{std}	E_{aug}
0	1626.96	1708.63	
5	1634.59	1716.64	
10	1600.66	1681.02	
15	1527.84	1604.57	
20	1422.77	1494.27	
25	1296.07	1361.28	
30	1162.22	1220.79	
35	1039.03	1091.49	
40	945.67	993.51	
45	897.55	943.01	
50	898.94	944.47	
55	940.39	987.97	
60	1005.13	1055.91	
65	1077.30	1131.66	
70	1145.64	1203.38	
75	1203.41	1264.02	
80	1247.19	1309.97	
85	1275.63	1339.83	
90	1288.57	1353.41	
95	1286.35	1351.08	
100	1269.44	1333.33	
105	1238.20	1300.54	
110	1192.78	1252.86	
115	1133.15	1190.27	
120	1059.24	1112.70	
125	971.17	1020.27	
130	869.52	913.60	
135	755.75	794.24	
140	632.79	665.26	
145	506.05	532.38	
150	385.93	406.58	
155	294.01	310.49	
160	266.53	281.82	
165	315.25	332.67	
170	403.38	424.85	
175	498.46	524.43	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	585.27	615.43	
185	657.17	690.82	
190	711.43	747.74	
195	747.45	785.53	
200	765.78	804.76	
205	767.49	806.54	
210	753.78	792.17	
215	725.86	762.88	
220	684.90	719.92	
225	632.22	664.67	
230	569.40	598.79	
235	498.38	524.35	
240	421.48	443.80	
245	341.40	360.01	
250	261.27	276.34	
255	185.23	197.31	
260	121.11	131.43	
265	89.34	99.51	
270	109.55	119.72	
275	155.00	166.11	
280	203.50	216.24	
285	249.12	263.67	
290	291.48	307.85	
295	332.86	351.08	
300	377.47	397.74	
305	430.92	453.68	
310	498.92	524.92	
315	585.66	615.84	
320	692.55	727.93	
325	817.85	859.38	
330	956.98	1005.37	
335	1103.08	1158.71	
340	1247.69	1310.49	
345	1381.39	1450.84	
350	1494.69	1569.78	
355	1578.87	1658.15	

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.

23 Oct 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission