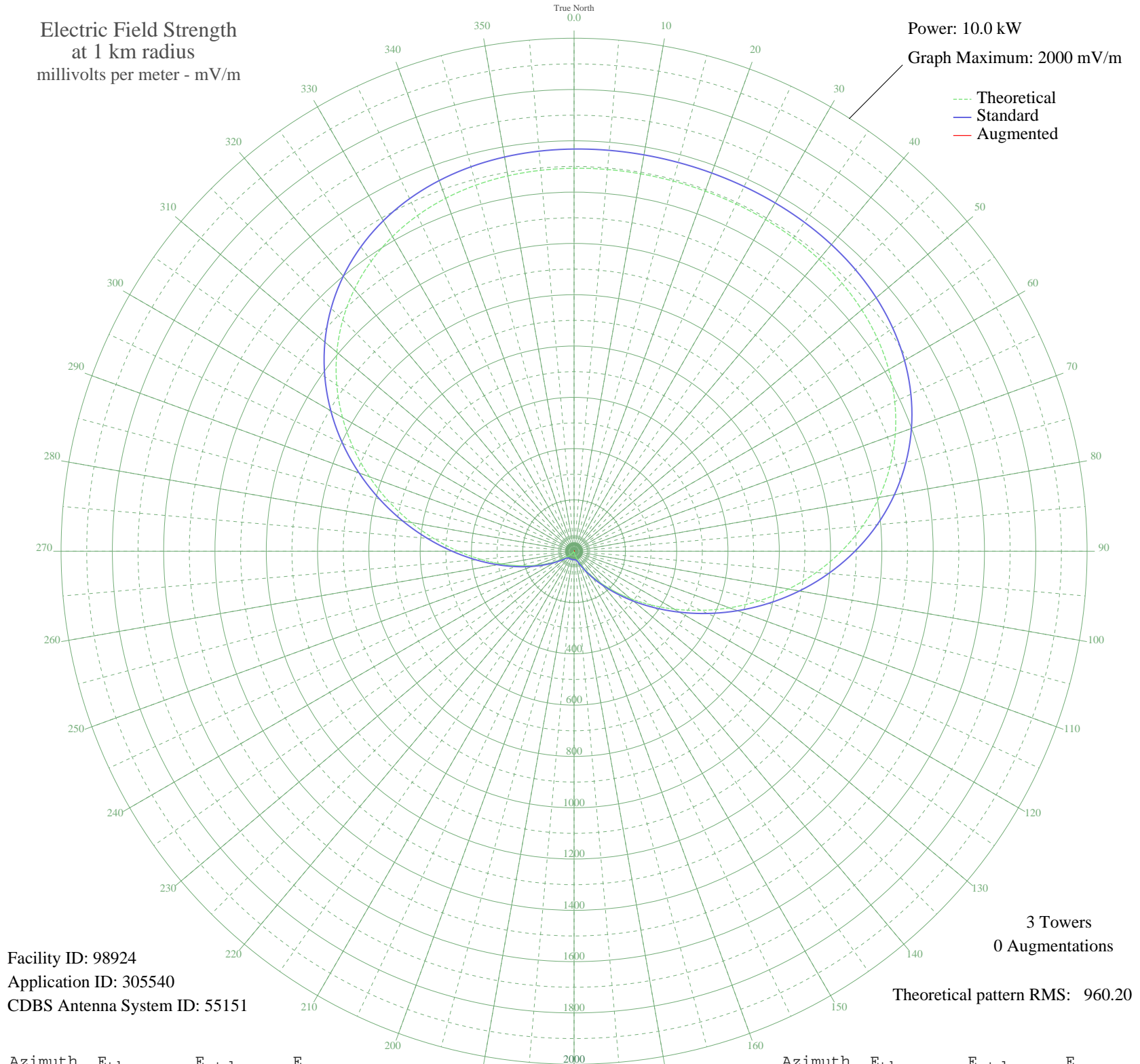


831102 SAULT STE MARIE, ON Canada -- 870 kHz

Daytime

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

Power: 10.0 kW
Graph Maximum: 2000 mV/m



Facility ID: 98924
Application ID: 305540
CDBS Antenna System ID: 55151

3 Towers
0 Augmentations
Theoretical pattern RMS: 960.20

Azimuth	E _{theo}	E _{std}	E _{aug}
0	1493.00	1568.00	
5	1493.86	1568.90	
10	1494.06	1569.11	
15	1494.07	1569.12	
20	1494.06	1569.11	
25	1493.86	1568.90	
30	1493.00	1568.00	
35	1490.72	1565.61	
40	1485.99	1560.65	
45	1477.59	1551.82	
50	1464.13	1537.69	
55	1444.19	1516.76	
60	1416.39	1487.58	
65	1379.52	1448.88	
70	1332.66	1399.68	
75	1275.27	1339.44	
80	1207.32	1268.12	
85	1129.34	1186.28	
90	1042.45	1095.07	
95	948.28	996.25	
100	848.99	892.05	
105	747.03	785.09	
110	645.08	678.15	
115	545.79	574.04	
120	451.62	475.37	
125	364.72	384.40	
130	286.75	302.91	
135	218.80	232.13	
140	161.41	172.70	
145	114.55	124.77	
150	77.68	88.06	
155	49.88	62.01	
160	29.94	45.73	
165	16.48	37.44	
170	8.08	34.27	
175	3.35	33.39	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	1.07	33.22	
185	0.21	33.20	
190	0.01	33.20	
195	0.00	33.20	
200	0.01	33.20	
205	0.21	33.20	
210	1.07	33.22	
215	3.35	33.39	
220	8.08	34.27	
225	16.48	37.44	
230	29.94	45.73	
235	49.88	62.01	
240	77.68	88.06	
245	114.55	124.77	
250	161.41	172.70	
255	218.80	232.13	
260	286.75	302.91	
265	364.73	384.40	
270	451.62	475.37	
275	545.79	574.04	
280	645.08	678.15	
285	747.04	785.09	
290	848.99	892.06	
295	948.28	996.25	
300	1042.45	1095.07	
305	1129.35	1186.28	
310	1207.32	1268.12	
315	1275.27	1339.44	
320	1332.66	1399.69	
325	1379.52	1448.88	
330	1416.39	1487.58	
335	1444.19	1516.76	
340	1464.13	1537.69	
345	1477.59	1551.82	
350	1485.99	1560.65	
355	1490.72	1565.61	

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