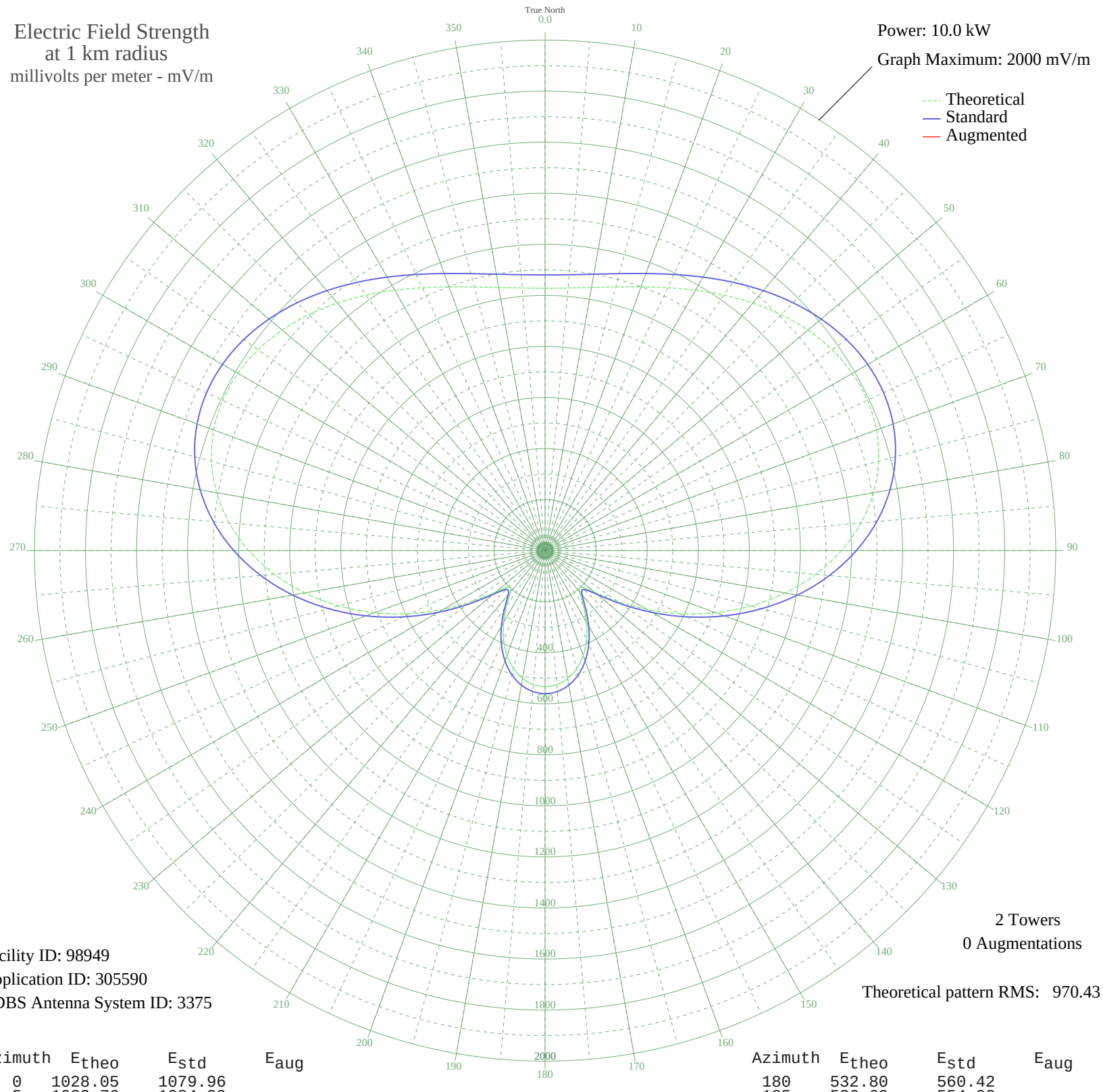
CHYC SUDBURY, ON Canada -- 900 kHz

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

2 Towers
0 Augmentations

Facility ID: 98949
Application ID: 305590
CDBS Antenna System ID: 3375

Theoretical pattern RMS: 970.43

Azimuth	E_{theo}	E_{std}	E_{aug}
0	1028.05	1079.96	
5	1032.76	1084.90	
10	1046.69	1099.52	
15	1069.28	1123.24	
20	1099.59	1155.05	
25	1136.29	1193.57	
30	1177.66	1236.99	
35	1221.62	1283.13	
40	1265.77	1329.47	
45	1307.43	1373.20	
50	1343.78	1411.36	
55	1371.95	1440.93	
60	1389.16	1459.00	
65	1392.93	1462.95	
70	1381.18	1450.62	
75	1352.43	1420.44	
80	1305.91	1371.61	
85	1241.65	1304.16	
90	1160.51	1218.98	
95	1064.14	1117.84	
100	954.96	1003.25	
105	836.03	878.45	
110	710.97	747.25	
115	583.96	614.06	
120	460.00	484.14	
125	345.86	364.66	
130	253.05	267.77	
135	202.53	215.23	
140	211.62	224.66	
145	261.67	276.75	
150	324.02	341.84	
155	384.21	404.78	
160	436.40	459.42	
165	478.16	503.17	
170	508.42	534.87	
175	526.69	554.02	
180	532.80	560.42	
185	526.69	554.02	
190	508.42	534.87	
195	478.16	503.17	
200	436.40	459.42	
205	384.21	404.78	
210	324.02	341.84	
215	261.67	276.75	
220	211.61	224.66	
225	202.53	215.23	
230	253.05	267.77	
235	345.86	364.66	
240	460.00	484.14	
245	583.96	614.06	
250	710.97	747.25	
255	836.03	878.46	
260	954.96	1003.26	
265	1064.14	1117.84	
270	1160.51	1218.99	
275	1241.66	1304.16	
280	1305.91	1371.61	
285	1352.43	1420.44	
290	1381.18	1450.62	
295	1392.93	1462.95	
300	1389.16	1459.00	
305	1371.95	1440.93	
310	1343.78	1411.36	
315	1307.43	1373.20	
320	1265.77	1329.47	
325	1221.62	1283.13	
330	1177.66	1236.99	
335	1136.29	1193.57	
340	1099.59	1155.05	
345	1069.28	1123.24	
350	1046.69	1099.52	
355	1032.76	1084.90	

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