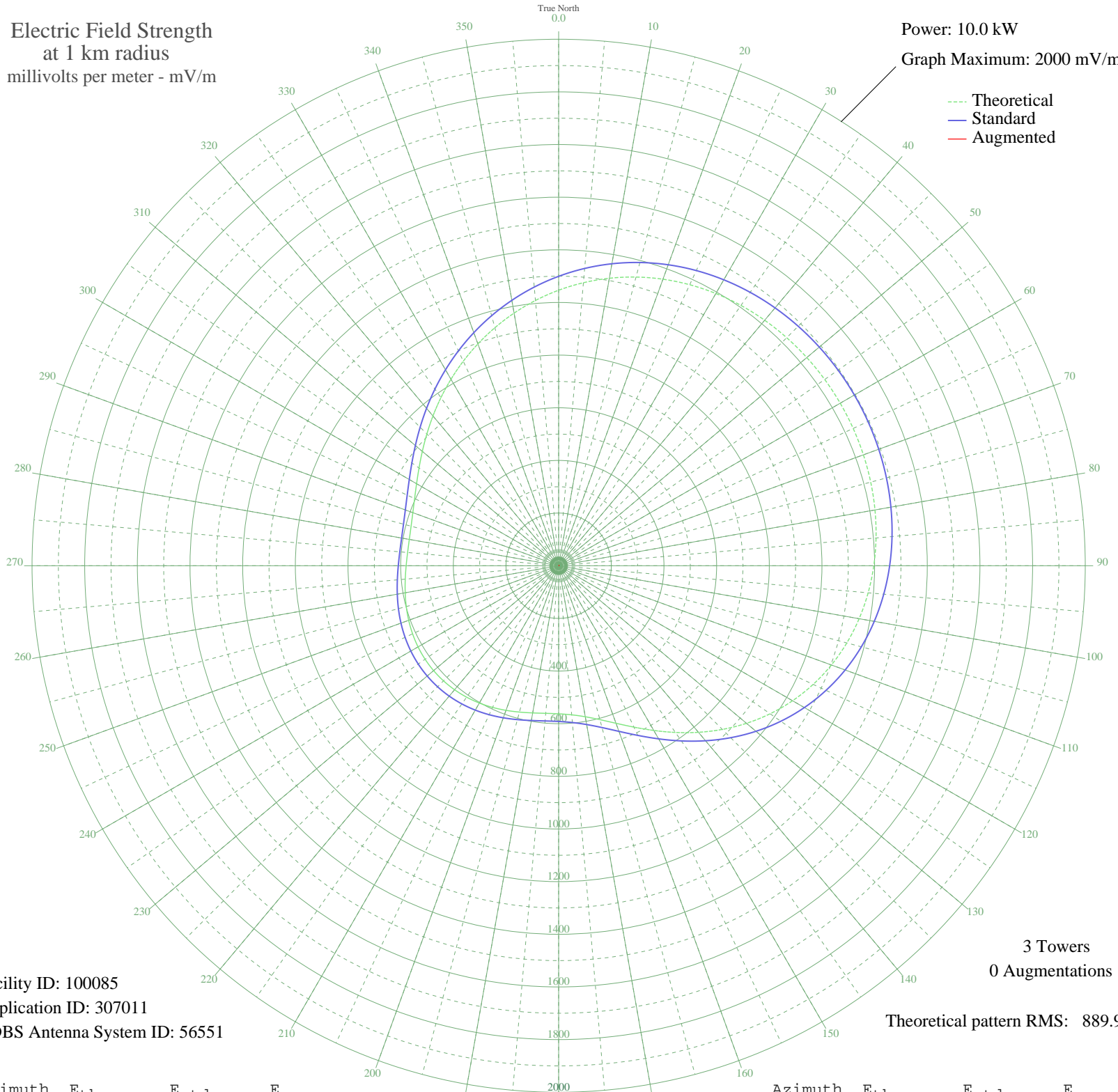


CHOK SARNIA, ON Canada -- 1070 kHz

Daytime

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

Power: 10.0 kW
Graph Maximum: 2000 mV/m



Facility ID: 100085
Application ID: 307011
CDBS Antenna System ID: 56551

3 Towers
0 Augmentations

Theoretical pattern RMS: 889.97

Azimuth	E _{theo}	E _{std}	E _{aug}
0	1046.60	1099.43	
5	1079.18	1133.62	
10	1108.84	1164.75	
15	1135.26	1192.48	
20	1158.27	1216.63	
25	1177.83	1237.17	
30	1194.06	1254.20	
35	1207.13	1267.93	
40	1217.33	1278.63	
45	1224.95	1286.63	
50	1230.26	1292.20	
55	1233.49	1295.59	
60	1234.80	1296.96	
65	1234.21	1296.35	
70	1231.68	1293.69	
75	1227.02	1288.79	
80	1219.92	1281.35	
85	1210.02	1270.95	
90	1196.85	1257.13	
95	1179.94	1239.38	
100	1158.81	1217.20	
105	1133.03	1190.15	
110	1102.32	1157.91	
115	1066.54	1120.36	
120	1025.79	1077.59	
125	980.46	1030.02	
130	931.28	978.40	
135	879.30	923.86	
140	825.98	867.91	
145	773.05	812.38	
150	722.53	759.38	
155	676.49	711.09	
160	636.90	669.57	
165	605.30	636.43	
170	582.53	612.56	
175	568.57	597.92	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	562.50	591.56	
185	562.83	591.90	
190	567.75	597.06	
195	575.50	605.19	
200	584.58	614.71	
205	593.80	624.38	
210	602.31	633.29	
215	609.49	640.82	
220	614.95	646.55	
225	618.46	650.23	
230	619.90	651.74	
235	619.24	651.05	
240	616.57	648.25	
245	612.09	643.55	
250	606.12	637.29	
255	599.14	629.97	
260	591.76	622.24	
265	584.80	614.94	
270	579.16	609.03	
275	575.87	605.57	
280	575.91	605.62	
285	580.17	610.08	
290	589.29	619.65	
295	603.60	634.65	
300	623.06	655.05	
305	647.32	680.49	
310	675.80	710.37	
315	707.81	743.94	
320	742.62	780.46	
325	779.53	819.18	
330	817.91	859.45	
335	857.16	900.63	
340	896.71	942.13	
345	936.00	983.37	
350	974.47	1023.73	
355	1011.52	1062.62	

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