

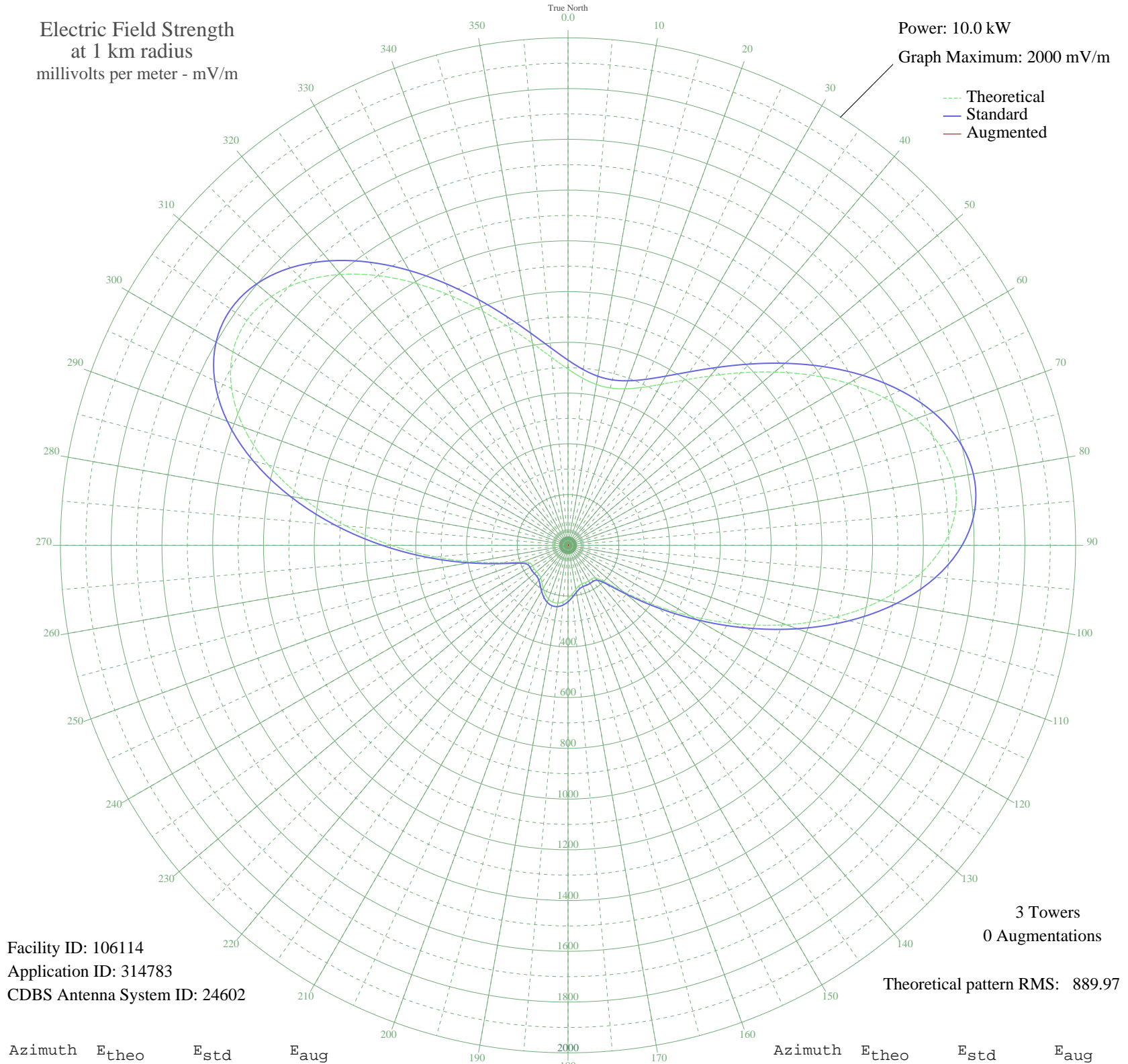
CKOY TIMMINS, ON Canada -- 620 kHz

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



Facility ID: 106114
Application ID: 314783
CDBS Antenna System ID: 24602

3 Towers
0 Augmentations

Theoretical pattern RMS: 889.97

Azimuth	E _{theo}	E _{std}	E _{aug}
0	694.31	729.79	
5	661.05	694.89	
10	643.68	676.67	
15	642.10	675.02	
20	656.30	689.92	
25	686.38	721.47	
30	732.42	769.76	
35	794.26	834.63	
40	871.16	915.32	
45	961.45	1010.07	
50	1062.22	1115.82	
55	1169.02	1227.92	
60	1275.82	1340.02	
65	1375.17	1444.31	
70	1458.62	1531.91	
75	1517.53	1593.75	
80	1544.00	1621.54	
85	1532.02	1608.97	
90	1478.46	1552.73	
95	1383.81	1453.38	
100	1252.49	1315.54	
105	1092.59	1147.70	
110	915.04	961.36	
115	732.49	769.83	
120	558.03	586.87	
125	404.22	425.73	
130	282.68	298.67	
135	203.41	216.15	
140	168.30	179.81	
145	161.49	172.79	
150	162.28	173.60	
155	161.94	173.25	
160	161.66	172.96	
165	165.77	177.20	
170	176.57	188.35	
175	192.44	204.77	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	209.38	222.34	
185	223.36	236.87	
190	231.49	245.32	
195	232.26	246.12	
200	225.52	239.12	
205	212.52	225.61	
210	195.88	208.34	
215	179.45	191.33	
220	167.39	178.87	
225	162.01	173.32	
230	161.75	173.05	
235	162.36	173.68	
240	161.52	172.81	
245	165.44	176.85	
250	193.10	205.45	
255	263.19	278.34	
260	376.97	397.21	
265	525.23	552.49	
270	696.53	732.11	
275	878.51	923.03	
280	1058.10	1111.50	
285	1222.48	1284.04	
290	1360.27	1428.67	
295	1462.73	1536.22	
300	1524.67	1601.25	
305	1544.83	1622.41	
310	1525.64	1602.27	
315	1472.64	1546.62	
320	1393.41	1463.46	
325	1296.55	1361.78	
330	1190.60	1250.57	
335	1083.27	1137.91	
340	980.89	1030.47	
345	888.22	933.22	
350	808.47	849.54	
355	743.54	781.42	

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