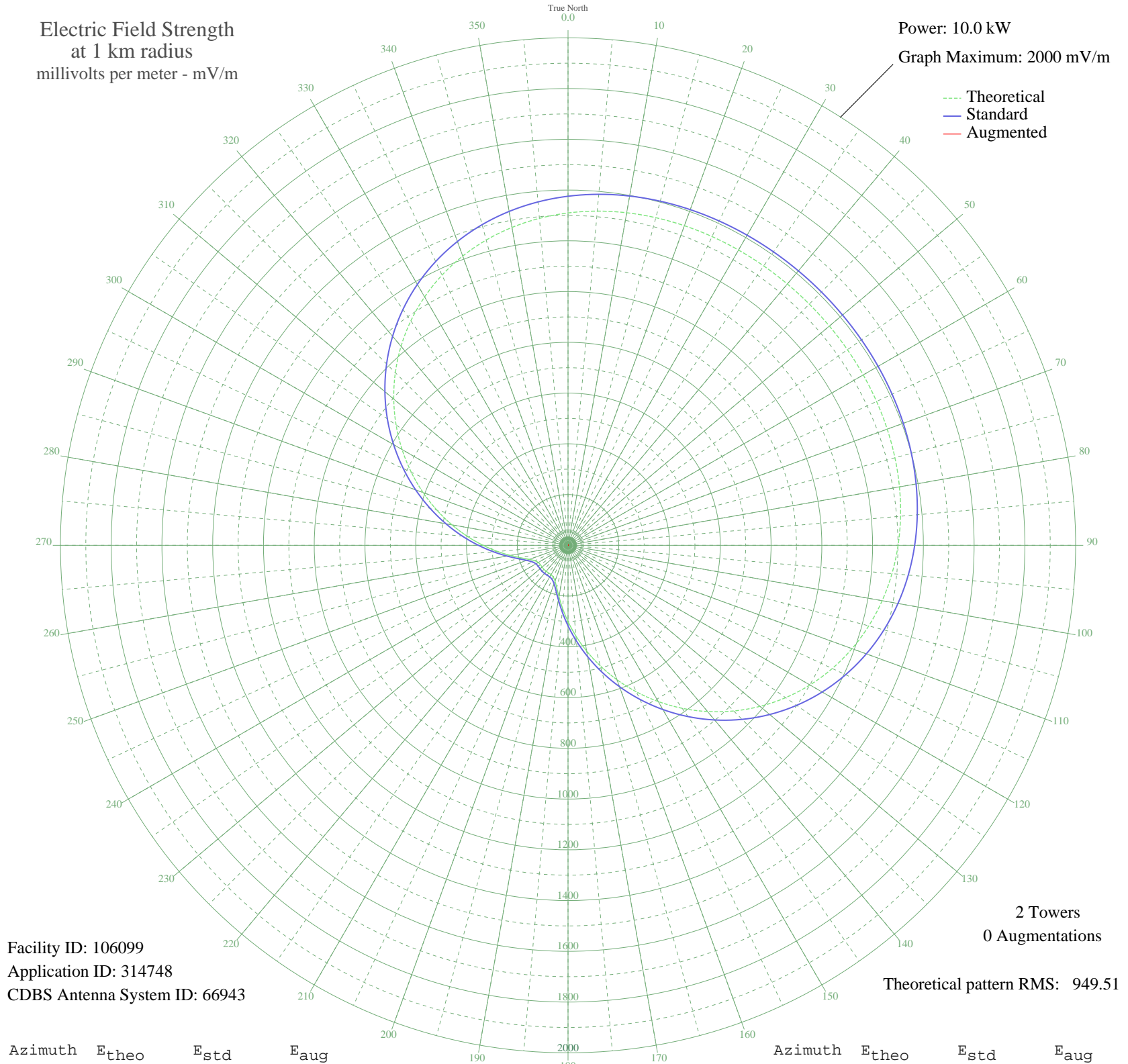


CBNA ST. ANTHONY, NF Canada -- 600 kHz

Nighttime

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

Power: 10.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 106099  
Application ID: 314748  
CDBS Antenna System ID: 66943

Theoretical pattern RMS: 949.51

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1309.78	1375.67	
5	1322.04	1388.54	
10	1330.77	1397.71	
15	1336.67	1403.90	
20	1340.40	1407.81	
25	1342.55	1410.07	
30	1343.66	1411.24	
35	1344.15	1411.75	
40	1344.33	1411.93	
45	1344.35	1411.96	
50	1344.25	1411.85	
55	1343.91	1411.50	
60	1343.09	1410.64	
65	1341.41	1408.88	
70	1338.39	1405.70	
75	1333.44	1400.50	
80	1325.92	1392.61	
85	1315.15	1381.31	
90	1300.46	1365.89	
95	1281.20	1345.67	
100	1256.80	1320.05	
105	1226.78	1288.55	
110	1190.84	1250.82	
115	1148.80	1206.69	
120	1100.69	1156.20	
125	1046.75	1099.59	
130	987.41	1037.31	
135	923.28	970.01	
140	855.17	898.54	
145	784.04	823.91	
150	710.96	747.25	
155	637.11	669.78	
160	563.70	592.82	
165	492.01	517.68	
170	423.33	445.73	
175	358.95	378.36	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	300.22	316.97	
185	248.55	263.08	
190	205.44	218.25	
195	172.32	183.95	
200	150.01	160.98	
205	137.88	148.54	
210	133.39	143.94	
215	133.02	143.57	
220	133.80	144.36	
225	133.99	144.56	
230	133.32	143.87	
235	132.94	143.48	
240	135.36	145.96	
245	144.05	154.85	
250	162.09	173.40	
255	190.93	203.20	
260	230.20	243.98	
265	278.62	294.43	
270	334.70	353.00	
275	396.99	418.16	
280	464.11	488.44	
285	534.75	562.47	
290	607.62	638.86	
295	681.45	716.29	
300	754.98	793.42	
305	827.02	869.01	
310	896.46	941.87	
315	962.29	1010.95	
320	1023.63	1075.33	
325	1079.80	1134.27	
330	1130.27	1187.25	
335	1174.75	1233.94	
340	1213.13	1274.22	
345	1245.49	1308.18	
350	1272.08	1336.10	
355	1293.34	1358.41	

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