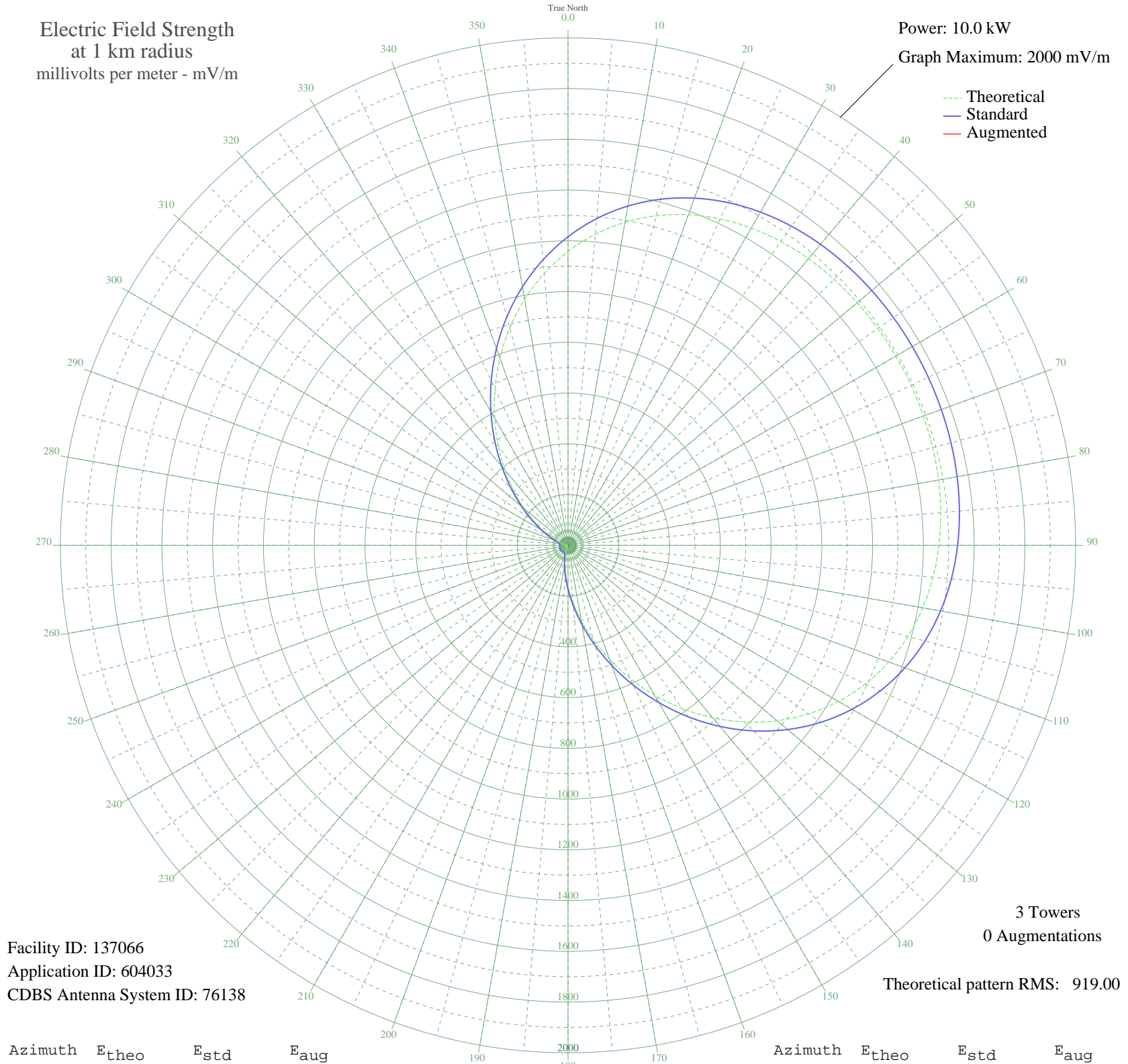


CJMS ST. CONSTANT, QC Canada -- 1040 kHz

Daytime

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

Power: 10.0 kW
Graph Maximum: 2000 mV/m



Facility ID: 137066
Application ID: 604033
CDBS Antenna System ID: 76138

Theoretical pattern RMS: 919.00

Azimuth	E _{theo}	E _{std}	E _{aug}
0	1157.63	1215.96	
5	1230.28	1292.22	
10	1292.57	1357.60	
15	1344.44	1412.05	
20	1386.31	1456.00	
25	1419.02	1490.34	
30	1443.68	1516.23	
35	1461.56	1535.00	
40	1473.99	1548.04	
45	1482.20	1556.67	
50	1487.31	1562.03	
55	1490.21	1565.07	
60	1491.49	1566.42	
65	1491.49	1566.42	
70	1490.21	1565.07	
75	1487.31	1562.03	
80	1482.20	1556.67	
85	1473.99	1548.04	
90	1461.56	1535.00	
95	1443.68	1516.23	
100	1419.02	1490.34	
105	1386.31	1456.00	
110	1344.44	1412.05	
115	1292.57	1357.60	
120	1230.28	1292.22	
125	1157.63	1215.96	
130	1075.25	1129.50	
135	984.37	1034.12	
140	886.77	931.70	
145	784.70	824.61	
150	680.78	715.59	
155	577.77	607.57	
160	478.46	503.48	
165	385.38	406.01	
170	300.71	317.49	
175	226.10	239.72	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	162.61	173.94	
185	110.65	120.83	
190	70.03	80.68	
195	40.02	53.56	
200	19.47	38.99	
205	6.93	33.99	
210	0.75	33.21	
215	0.73	33.21	
220	0.84	33.22	
225	4.02	33.47	
230	7.54	34.14	
235	10.45	34.97	
240	12.07	35.54	
245	12.07	35.54	
250	10.45	34.97	
255	7.54	34.14	
260	4.02	33.47	
265	0.84	33.22	
270	0.73	33.21	
275	0.75	33.21	
280	6.93	33.99	
285	19.47	38.99	
290	40.02	53.56	
295	70.03	80.68	
300	110.65	120.83	
305	162.61	173.94	
310	226.10	239.72	
315	300.71	317.49	
320	385.38	406.01	
325	478.46	503.48	
330	577.77	607.57	
335	680.78	715.59	
340	784.70	824.61	
345	886.77	931.70	
350	984.37	1034.12	
355	1075.25	1129.50	

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