

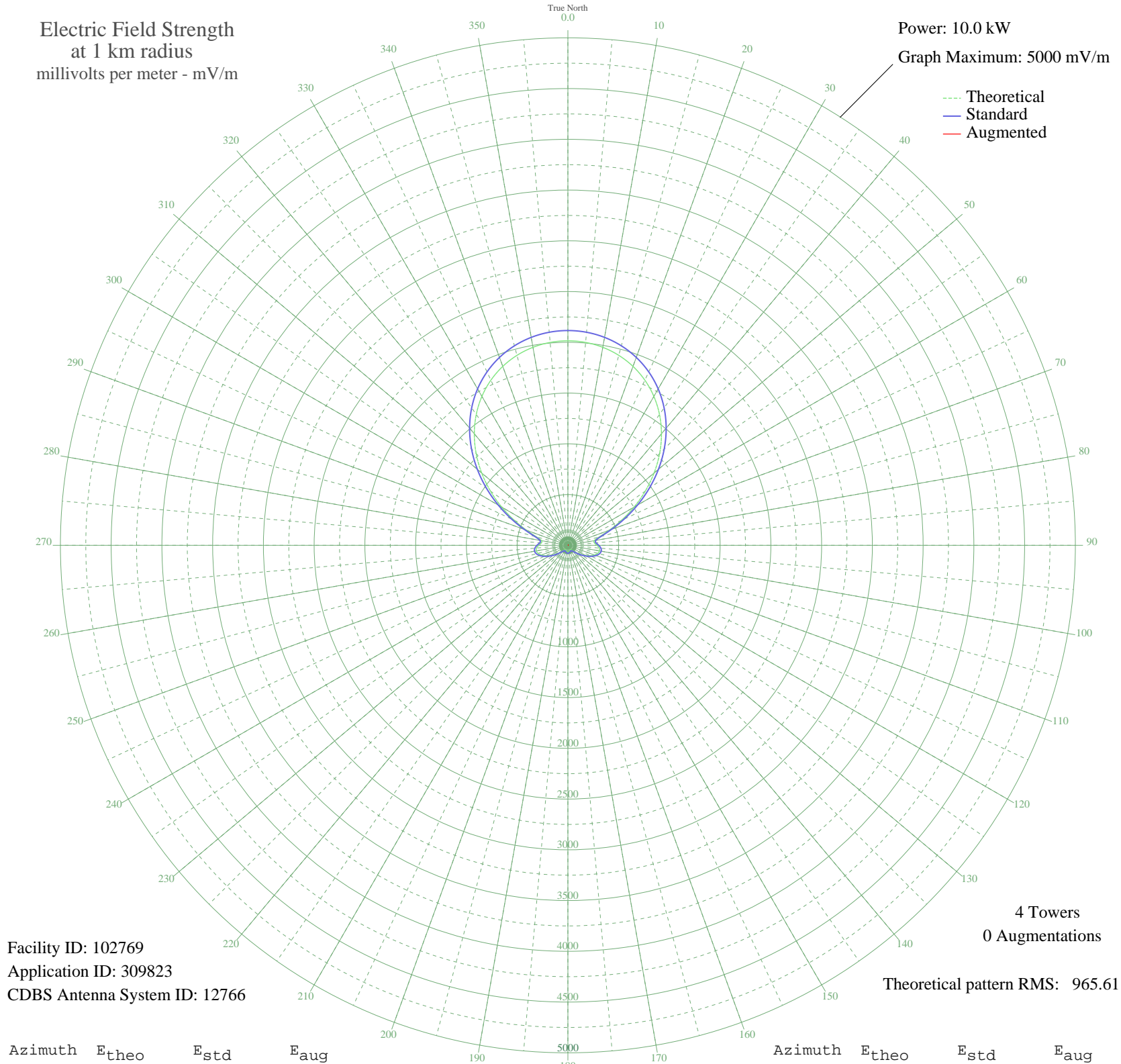
# CJRB BOISSEVAIN, MB Canada -- 1220 kHz

Daytime

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

Power: 10.0 kW  
Graph Maximum: 5000 mV/m

--- Theoretical  
— Standard  
— Augmented



Facility ID: 102769  
Application ID: 309823  
CDBS Antenna System ID: 12766

4 Towers  
0 Augmentations

Theoretical pattern RMS: 965.61

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	2015.00	2116.07	
5	2006.54	2107.18	
10	1980.96	2080.32	
15	1937.71	2034.92	
20	1876.02	1970.16	
25	1795.09	1885.20	
30	1694.37	1779.46	
35	1573.85	1652.95	
40	1434.43	1506.59	
45	1278.19	1342.60	
50	1108.69	1164.70	
55	931.15	978.39	
60	752.60	791.07	
65	582.21	612.40	
70	432.16	455.24	
75	319.44	337.39	
80	263.25	278.81	
85	262.97	278.52	
90	287.72	304.31	
95	309.35	326.86	
100	315.74	333.53	
105	304.64	321.95	
110	278.50	294.69	
115	241.86	256.56	
120	199.94	213.09	
125	157.72	169.58	
130	119.29	130.47	
135	87.68	99.04	
140	64.76	77.18	
145	51.27	65.04	
150	46.34	60.82	
155	47.41	61.73	
160	51.68	65.40	
165	57.07	70.16	
170	62.07	74.70	
175	65.56	77.92	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	66.81	79.08	
185	65.56	77.92	
190	62.07	74.70	
195	57.07	70.16	
200	51.68	65.40	
205	47.41	61.73	
210	46.34	60.82	
215	51.27	65.04	
220	64.76	77.18	
225	87.68	99.04	
230	119.29	130.47	
235	157.72	169.58	
240	199.94	213.09	
245	241.86	256.56	
250	278.50	294.69	
255	304.64	321.95	
260	315.74	333.53	
265	309.35	326.86	
270	287.72	304.31	
275	262.97	278.52	
280	263.25	278.81	
285	319.44	337.39	
290	432.16	455.24	
295	582.21	612.41	
300	752.60	791.07	
305	931.15	978.39	
310	1108.69	1164.70	
315	1278.19	1342.60	
320	1434.43	1506.60	
325	1573.86	1652.95	
330	1694.37	1779.46	
335	1795.09	1885.20	
340	1876.02	1970.16	
345	1937.71	2034.92	
350	1980.96	2080.33	
355	2006.54	2107.18	

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.

26 Jun 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission