

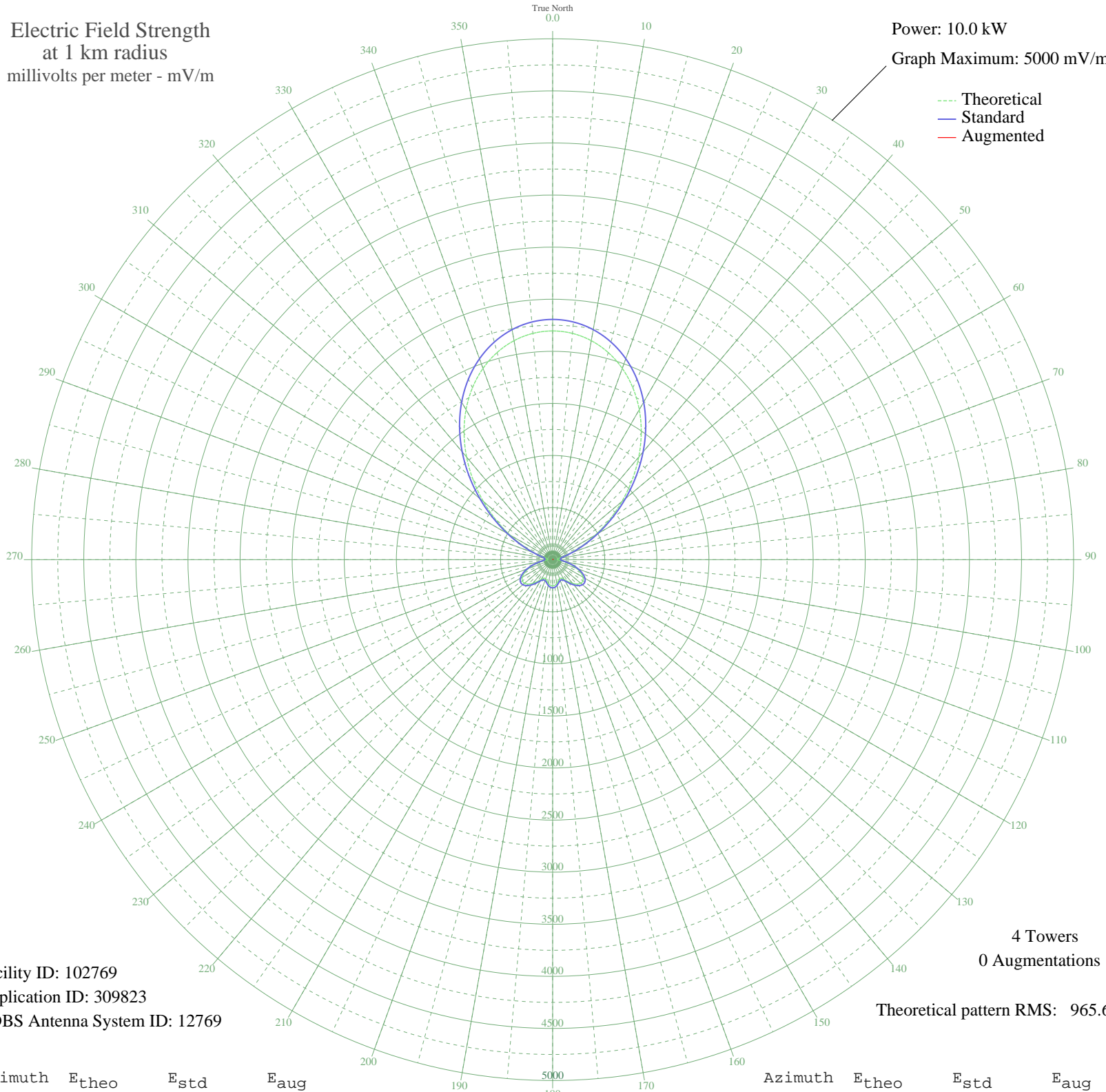
# CJRB BOISSEVAIN, MB Canada -- 1220 kHz

Nighttime

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: 12769

4 Towers  
0 Augmentations

Theoretical pattern RMS: 965.61

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	2195.75	2306.24	
5	2180.48	2290.21	
10	2134.80	2242.26	
15	2059.05	2162.75	
20	1954.02	2052.51	
25	1821.14	1913.04	
30	1662.76	1746.82	
35	1482.45	1557.61	
40	1285.18	1350.63	
45	1077.40	1132.69	
50	866.93	912.05	
55	662.61	698.06	
60	473.78	500.71	
65	309.58	330.00	
70	178.50	195.86	
75	89.17	109.54	
80	51.57	78.52	
85	47.52	75.65	
90	45.11	74.00	
95	64.22	88.20	
100	114.87	133.35	
105	179.09	196.45	
110	243.30	261.71	
115	297.95	317.97	
120	336.35	357.71	
125	354.71	376.76	
130	352.28	374.23	
135	331.18	352.35	
140	296.28	316.25	
145	255.11	273.83	
150	217.83	235.68	
155	195.75	213.26	
160	195.10	212.60	
165	210.64	228.36	
170	230.89	249.01	
175	246.47	264.96	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	252.19	270.84	
185	246.47	264.96	
190	230.89	249.01	
195	210.64	228.36	
200	195.10	212.60	
205	195.75	213.26	
210	217.83	235.68	
215	255.11	273.83	
220	296.28	316.25	
225	331.18	352.35	
230	352.28	374.23	
235	354.71	376.76	
240	336.35	357.71	
245	297.95	317.97	
250	243.30	261.72	
255	179.09	196.45	
260	114.88	133.35	
265	64.22	88.20	
270	45.11	74.00	
275	47.52	75.65	
280	51.57	78.52	
285	89.17	109.54	
290	178.50	195.85	
295	309.58	329.99	
300	473.78	500.71	
305	662.61	698.06	
310	866.92	912.04	
315	1077.39	1132.69	
320	1285.17	1350.63	
325	1482.45	1557.61	
330	1662.76	1746.82	
335	1821.13	1913.04	
340	1954.02	2052.51	
345	2059.05	2162.75	
350	2134.80	2242.26	
355	2180.48	2290.21	

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