

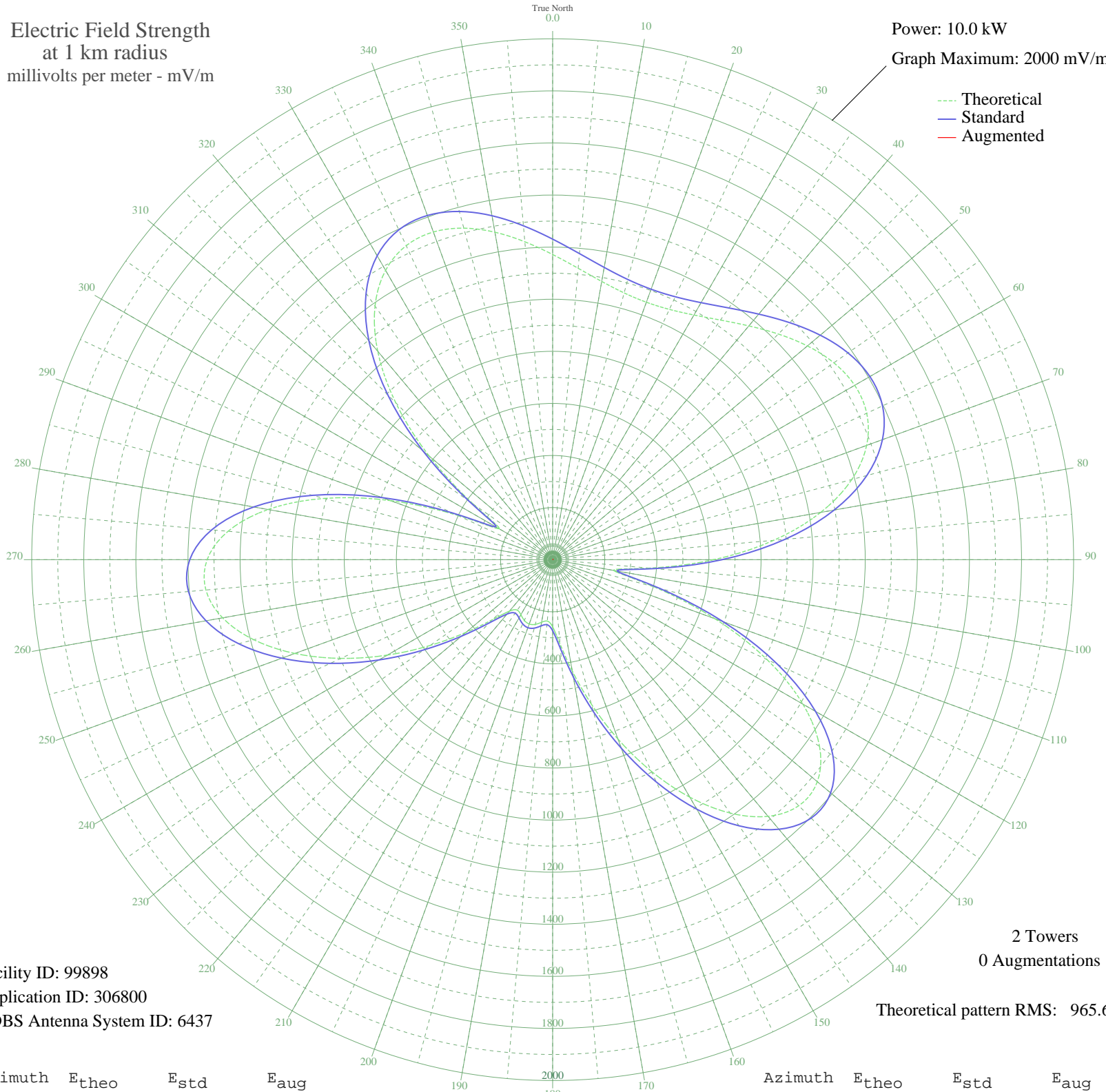
CKSB ST. BONIFACE, MB Canada -- 1050 kHz

Nighttime

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: 99898  
Application ID: 306800  
CDBS Antenna System ID: 6437

2 Towers  
0 Augmentations  
Theoretical pattern RMS: 965.61

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1171.75	1230.79	
5	1123.16	1179.78	
10	1084.80	1139.53	
15	1060.36	1113.87	
20	1051.98	1105.08	
25	1060.36	1113.87	
30	1084.80	1139.53	
35	1123.16	1179.78	
40	1171.75	1230.79	
45	1225.27	1286.96	
50	1276.78	1341.03	
55	1317.85	1384.14	
60	1339.01	1406.36	
65	1330.40	1397.31	
70	1282.80	1347.35	
75	1188.92	1248.81	
80	1044.88	1097.63	
85	851.89	895.10	
90	618.90	650.69	
95	373.04	393.10	
100	237.08	251.14	
105	402.87	424.31	
110	662.85	696.79	
115	908.47	954.47	
120	1109.42	1165.36	
125	1250.91	1313.87	
130	1326.43	1393.14	
135	1336.29	1403.50	
140	1286.60	1351.34	
145	1187.83	1247.66	
150	1053.14	1106.30	
155	896.81	942.23	
160	732.90	770.26	
165	574.61	604.25	
170	434.34	457.26	
175	324.67	342.51	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	257.84	272.76	
185	236.61	250.65	
190	244.01	258.36	
195	257.24	272.14	
200	262.94	278.07	
205	257.24	272.14	
210	244.01	258.36	
215	236.61	250.65	
220	257.84	272.76	
225	324.67	342.51	
230	434.34	457.26	
235	574.61	604.25	
240	732.90	770.27	
245	896.81	942.23	
250	1053.14	1106.30	
255	1187.83	1247.66	
260	1286.60	1351.34	
265	1336.29	1403.50	
270	1326.43	1393.14	
275	1250.91	1313.87	
280	1109.41	1165.36	
285	908.47	954.47	
290	662.85	696.78	
295	402.86	424.31	
300	237.08	251.14	
305	373.04	393.10	
310	618.90	650.69	
315	851.89	895.10	
320	1044.89	1097.63	
325	1188.92	1248.81	
330	1282.80	1347.35	
335	1330.40	1397.31	
340	1339.01	1406.36	
345	1317.85	1384.14	
350	1276.78	1341.03	
355	1225.27	1286.96	

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.

03 Jul 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission