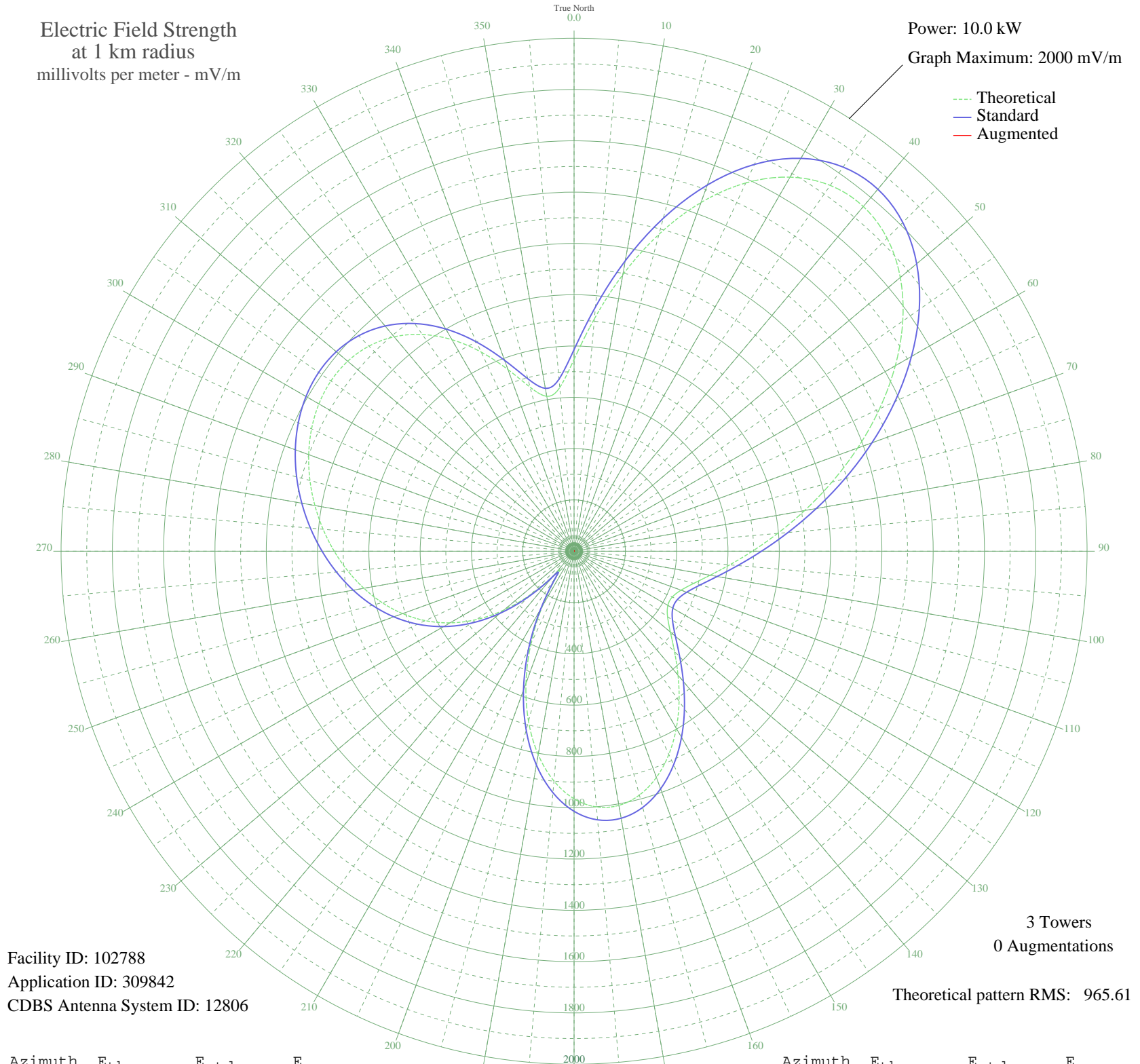


# CKSM SHAWINIGAN FALLS, QC Canada -- 1220 kHz

Daytime

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

Power: 10.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 102788  
Application ID: 309842  
CDBS Antenna System ID: 12806

3 Towers  
0 Augmentations

Theoretical pattern RMS: 965.61

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	748.00	786.10	
5	909.70	955.76	
10	1094.72	1149.94	
15	1279.40	1343.78	
20	1446.69	1519.39	
25	1584.34	1663.88	
30	1684.02	1768.54	
35	1741.10	1828.46	
40	1754.40	1842.42	
45	1725.90	1812.50	
50	1660.32	1743.65	
55	1564.39	1642.95	
60	1446.15	1518.82	
65	1314.10	1380.21	
70	1176.50	1235.77	
75	1040.69	1093.23	
80	912.63	958.84	
85	796.62	837.11	
90	695.16	730.67	
95	609.20	640.52	
100	538.67	566.58	
105	483.38	508.63	
110	443.95	467.33	
115	422.52	444.89	
120	422.14	444.49	
125	444.92	468.35	
130	490.09	515.67	
135	553.84	582.47	
140	630.51	662.87	
145	713.79	750.22	
150	797.18	837.69	
155	874.18	918.49	
160	938.49	985.98	
165	984.22	1033.96	
170	1006.25	1057.08	
175	1000.67	1051.23	

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

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	965.20	1014.00	
185	899.48	945.03	
190	805.24	846.16	
195	686.31	721.39	
200	548.31	576.68	
205	398.53	419.77	
210	246.55	261.00	
215	115.09	125.33	
220	120.32	130.62	
225	237.31	251.38	
230	356.77	376.08	
235	464.45	488.80	
240	558.60	587.47	
245	640.24	673.07	
250	711.47	747.78	
255	774.67	814.09	
260	832.02	874.25	
265	885.15	930.00	
270	935.07	982.38	
275	982.11	1031.74	
280	1026.01	1077.83	
285	1066.04	1119.83	
290	1100.98	1156.50	
295	1129.21	1186.13	
300	1148.74	1206.63	
305	1157.24	1215.55	
310	1152.15	1210.21	
315	1130.88	1187.89	
320	1091.16	1146.20	
325	1031.54	1083.63	
330	952.26	1000.42	
335	856.65	900.09	
340	753.66	792.04	
345	662.01	695.91	
350	613.29	644.81	
355	640.46	673.30	