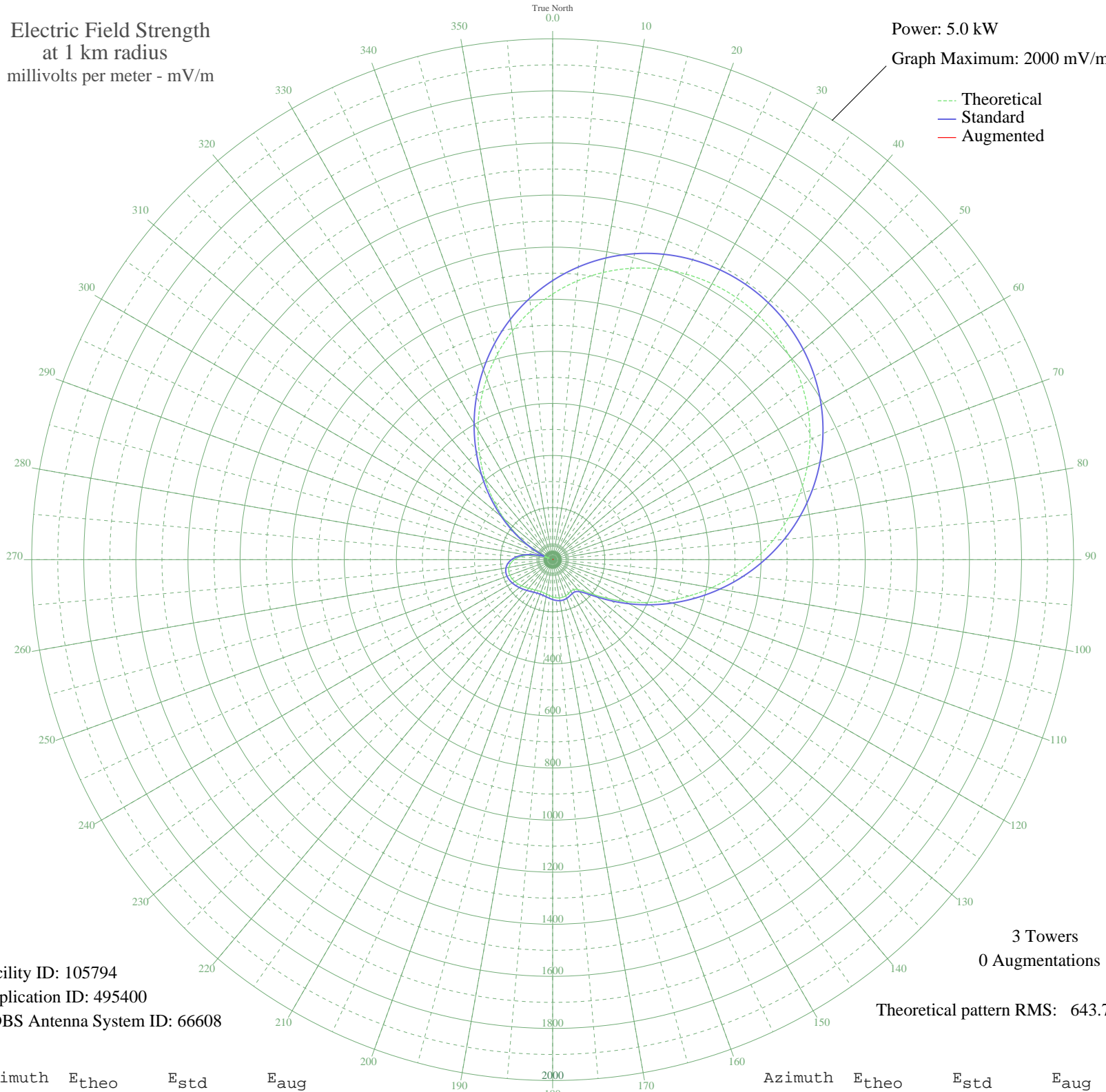


# CJFP RIVIERE DU LOUP, QC Canada -- 1400 kHz

Nighttime

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

Power: 5.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 105794  
Application ID: 495400  
CDBS Antenna System ID: 66608

3 Towers  
0 Augmentations

Theoretical pattern RMS: 643.74

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1020.14	1071.63	
5	1073.84	1127.99	
10	1119.90	1176.34	
15	1158.04	1216.37	
20	1188.08	1247.90	
25	1209.93	1270.84	
30	1223.55	1285.13	
35	1228.92	1290.76	
40	1226.05	1287.75	
45	1214.97	1276.13	
50	1195.73	1255.93	
55	1168.40	1227.24	
60	1133.12	1190.21	
65	1090.08	1145.04	
70	1039.63	1092.08	
75	982.21	1031.82	
80	918.47	964.93	
85	849.22	892.26	
90	775.49	814.90	
95	698.52	734.15	
100	619.73	651.51	
105	540.73	568.67	
110	463.29	487.51	
115	389.32	410.05	
120	320.90	338.47	
125	260.28	275.17	
130	209.96	222.78	
135	172.50	183.96	
140	149.58	160.31	
145	140.15	150.62	
150	139.89	150.35	
155	143.58	154.14	
160	147.42	158.08	
165	149.44	160.17	
170	149.08	159.80	
175	146.59	157.24	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	142.68	153.22	
185	138.28	148.70	
190	134.32	144.65	
195	131.60	141.86	
200	130.61	140.86	
205	131.53	141.79	
210	134.22	144.55	
215	138.38	148.81	
220	143.64	154.20	
225	149.60	160.33	
230	155.89	166.81	
235	162.11	173.22	
240	167.77	179.06	
245	172.25	183.69	
250	174.81	186.34	
255	174.57	186.10	
260	170.57	181.95	
265	161.78	172.88	
270	147.22	157.89	
275	126.02	136.16	
280	97.47	107.27	
285	61.27	71.90	
290	19.64	38.17	
295	40.09	52.95	
300	99.75	109.55	
305	167.45	178.73	
310	241.51	255.61	
315	320.62	338.18	
320	403.36	424.74	
325	488.20	513.62	
330	573.61	603.14	
335	658.04	691.69	
340	740.05	777.72	
345	818.32	859.84	
350	891.70	936.84	
355	959.24	1007.71	

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.

04 Jul 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission