

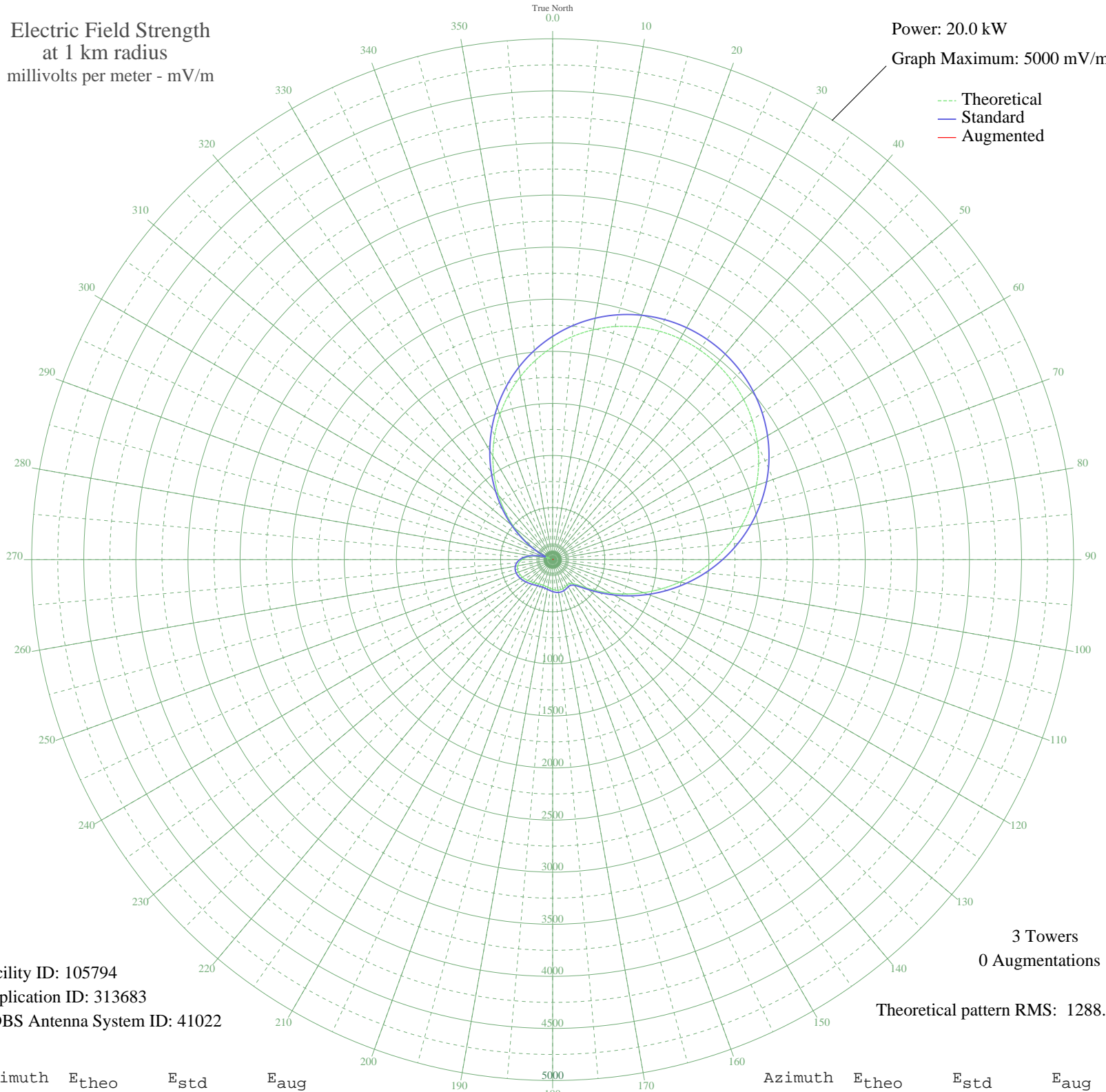
# CJFP RIVIERE DU LOUP, QC Canada -- 1400 kHz

Nighttime

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

Power: 20.0 kW  
Graph Maximum: 5000 mV/m

--- Theoretical  
— Standard  
— Augmented



Facility ID: 105794  
Application ID: 313683  
CDBS Antenna System ID: 41022

3 Towers  
0 Augmentations

Theoretical pattern RMS: 1288.00

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	2041.14	2144.16	
5	2148.57	2256.91	
10	2240.72	2353.64	
15	2317.03	2433.73	
20	2377.14	2496.82	
25	2420.85	2542.71	
30	2448.09	2571.29	
35	2458.83	2582.57	
40	2453.09	2576.55	
45	2430.93	2553.29	
50	2392.43	2512.88	
55	2337.75	2455.48	
60	2267.15	2381.38	
65	2181.06	2291.01	
70	2080.11	2185.06	
75	1965.23	2064.49	
80	1837.70	1930.65	
85	1699.15	1785.26	
90	1551.63	1630.48	
95	1397.63	1468.91	
100	1239.98	1303.57	
105	1081.92	1137.83	
110	926.98	975.45	
115	778.99	820.46	
120	642.07	677.23	
125	520.77	550.57	
130	420.07	445.73	
135	345.10	368.01	
140	299.20	320.67	
145	280.28	301.23	
150	279.74	300.68	
155	287.12	308.25	
160	294.78	316.12	
165	298.84	320.29	
170	298.11	319.55	
175	293.12	314.42	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	285.29	306.37	
185	276.48	297.34	
190	268.57	289.23	
195	263.13	283.66	
200	261.15	281.64	
205	262.99	283.52	
210	268.38	289.03	
215	276.71	297.57	
220	287.22	308.36	
225	299.16	320.62	
230	311.75	333.59	
235	324.20	346.42	
240	335.51	358.10	
245	344.48	367.37	
250	349.61	372.67	
255	349.14	372.18	
260	341.12	363.90	
265	323.55	345.75	
270	294.43	315.76	
275	252.00	272.30	
280	194.89	214.49	
285	122.47	143.76	
290	39.27	76.36	
295	80.38	106.08	
300	199.71	219.32	
305	335.16	357.74	
310	483.33	511.55	
315	641.60	676.74	
320	807.13	849.92	
325	976.88	1027.74	
330	1147.75	1206.85	
335	1316.68	1384.00	
340	1480.75	1556.12	
345	1637.35	1720.42	
350	1784.17	1874.48	
355	1919.28	2016.27	

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