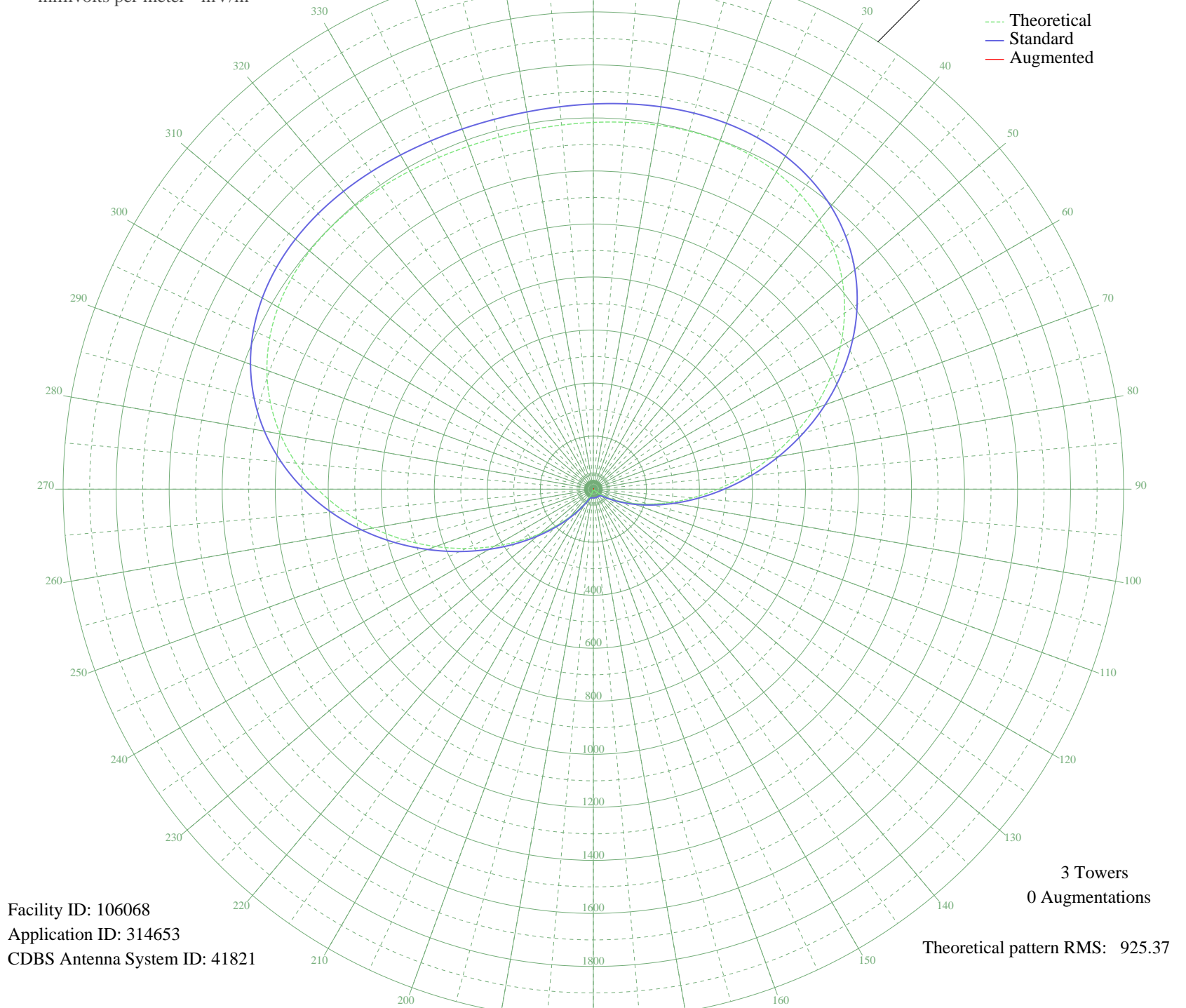


# CHLN TROIS RIVIERES, QC Canada -- 550 kHz

Daytime

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

Power: 10.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 106068  
Application ID: 314653  
CDBS Antenna System ID: 41821

3 Towers  
0 Augmentations

Theoretical pattern RMS: 925.37

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1383.14	1452.68	
5	1388.80	1458.62	
10	1394.20	1464.29	
15	1397.85	1468.12	
20	1398.03	1468.30	
25	1392.85	1462.87	
30	1380.39	1449.79	
35	1358.82	1427.14	
40	1326.54	1393.26	
45	1282.37	1346.89	
50	1225.67	1287.38	
55	1156.49	1214.77	
60	1075.61	1129.88	
65	984.56	1034.32	
70	885.56	930.43	
75	781.38	821.12	
80	675.14	709.68	
85	570.10	599.52	
90	469.38	493.96	
95	375.76	395.94	
100	291.47	307.84	
105	218.09	231.38	
110	156.45	167.60	
115	106.69	116.84	
120	68.30	79.03	
125	40.23	53.73	
130	21.06	39.89	
135	9.16	34.57	
140	2.79	33.33	
145	0.29	33.21	
150	0.14	33.20	
155	1.07	33.22	
160	2.11	33.28	
165	2.64	33.32	
170	2.41	33.30	
175	1.51	33.24	

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.

20 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	0.44	33.21	
185	0.02	33.20	
190	1.41	33.24	
195	6.04	33.80	
200	15.53	36.99	
205	31.58	46.93	
210	55.90	67.44	
215	90.02	100.18	
220	135.14	145.73	
225	192.00	204.32	
230	260.74	275.79	
235	340.82	359.40	
240	430.94	453.70	
245	529.13	556.57	
250	632.80	665.27	
255	738.95	776.61	
260	844.34	887.18	
265	945.77	993.61	
270	1040.30	1092.82	
275	1125.47	1182.21	
280	1199.47	1259.88	
285	1261.20	1324.68	
290	1310.35	1376.26	
295	1347.27	1415.02	
300	1372.95	1441.98	
305	1388.85	1458.67	
310	1396.71	1466.92	
315	1398.44	1468.74	
320	1395.96	1466.13	
325	1391.07	1461.00	
330	1385.35	1455.00	
335	1380.12	1449.51	
340	1376.37	1445.57	
345	1374.72	1443.83	
350	1375.43	1444.59	
355	1378.40	1447.70	