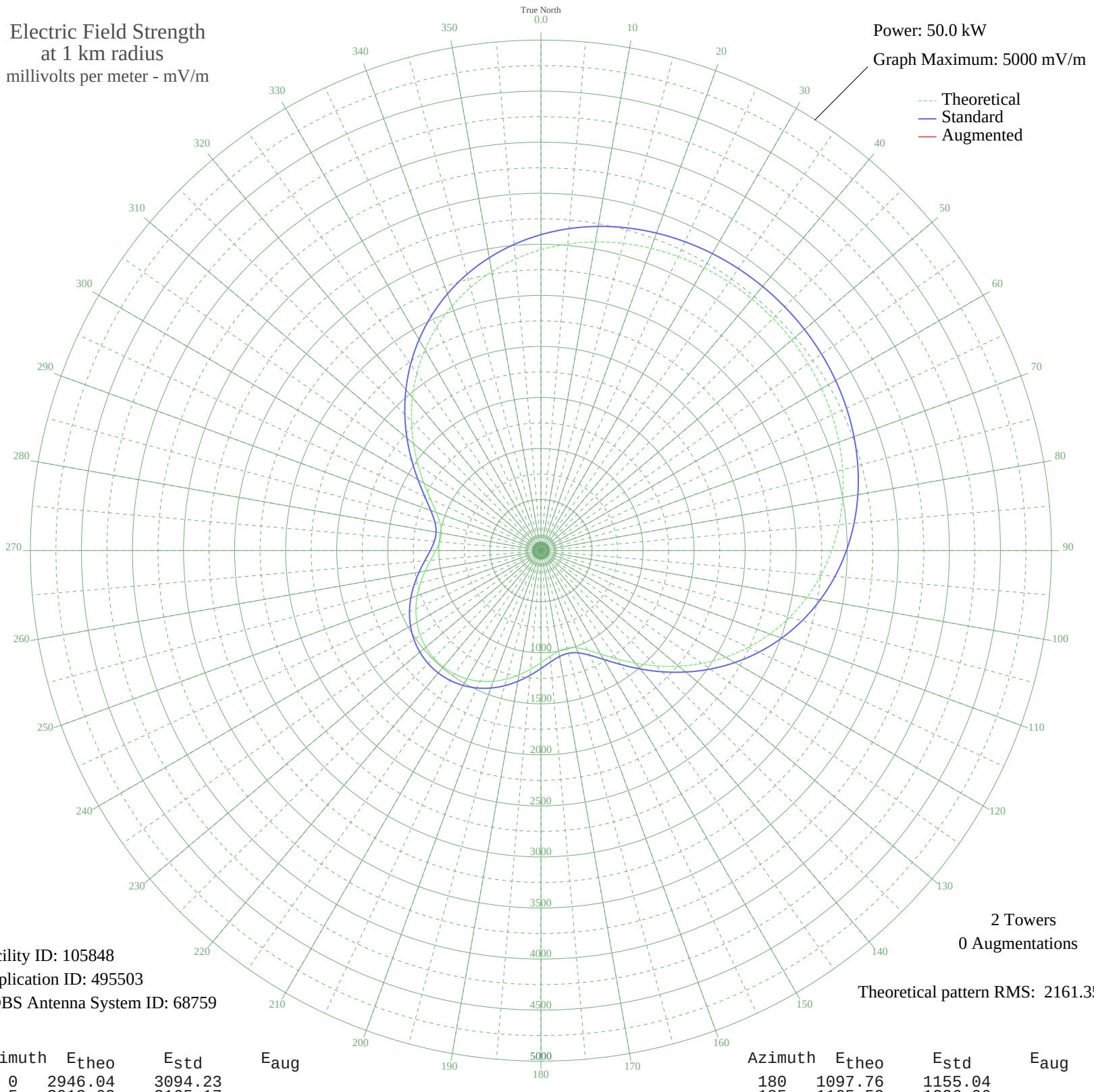
CJRS SHERBROOKE, QC Canada -- 1510 kHz

Daytime

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



Power: 50.0 kW

Graph Maximum: 5000 mV/m

Theoretical
Standard
Augmented

2 Towers
0 Augmentations

Facility ID: 105848
Application ID: 495503
CDBS Antenna System ID: 68759

Theoretical pattern RMS: 2161.35

Azimuth	E_{theo}	E_{std}	E_{aug}
0	2946.04	3094.23	
5	3013.62	3165.17	
10	3069.65	3223.98	
15	3115.08	3271.68	
20	3150.93	3309.31	
25	3178.15	3337.88	
30	3197.60	3358.30	
35	3209.96	3371.27	
40	3215.71	3377.31	
45	3215.07	3376.64	
50	3208.03	3369.25	
55	3194.29	3354.83	
60	3173.35	3332.85	
65	3144.48	3302.54	
70	3106.79	3262.98	
75	3059.32	3213.15	
80	3001.06	3151.99	
85	2931.06	3078.51	
90	2848.54	2991.89	
95	2752.93	2891.53	
100	2644.00	2777.20	
105	2521.96	2649.09	
110	2387.47	2507.94	
115	2241.80	2355.06	
120	2086.86	2192.46	
125	1925.25	2022.88	
130	1760.39	1849.90	
135	1596.58	1678.05	
140	1439.14	1512.92	
145	1294.52	1361.27	
150	1170.16	1230.90	
155	1073.90	1130.03	
160	1012.37	1065.57	
165	988.56	1040.64	
170	1000.05	1052.67	
175	1039.59	1094.09	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	1097.76	1155.04	
185	1165.53	1226.06	
190	1235.53	1299.43	
195	1302.29	1369.42	
200	1361.93	1431.95	
205	1411.79	1484.24	
210	1450.11	1524.42	
215	1475.73	1551.30	
220	1488.01	1564.17	
225	1486.64	1562.74	
230	1471.66	1547.03	
235	1443.43	1517.42	
240	1402.70	1474.70	
245	1350.71	1420.19	
250	1289.40	1355.90	
255	1221.64	1284.87	
260	1151.59	1211.45	
265	1085.09	1141.76	
270	1029.88	1083.92	
275	995.22	1047.62	
280	990.34	1042.50	
285	1021.68	1075.33	
290	1090.55	1147.48	
295	1193.03	1254.88	
300	1322.07	1390.16	
305	1469.83	1545.10	
310	1629.02	1712.08	
315	1793.43	1884.57	
320	1957.96	2057.20	
325	2118.48	2225.64	
330	2271.75	2386.49	
335	2415.31	2537.16	
340	2547.39	2675.79	
345	2666.85	2801.18	
350	2773.11	2912.72	
355	2866.08	3010.30	

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.

14 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission