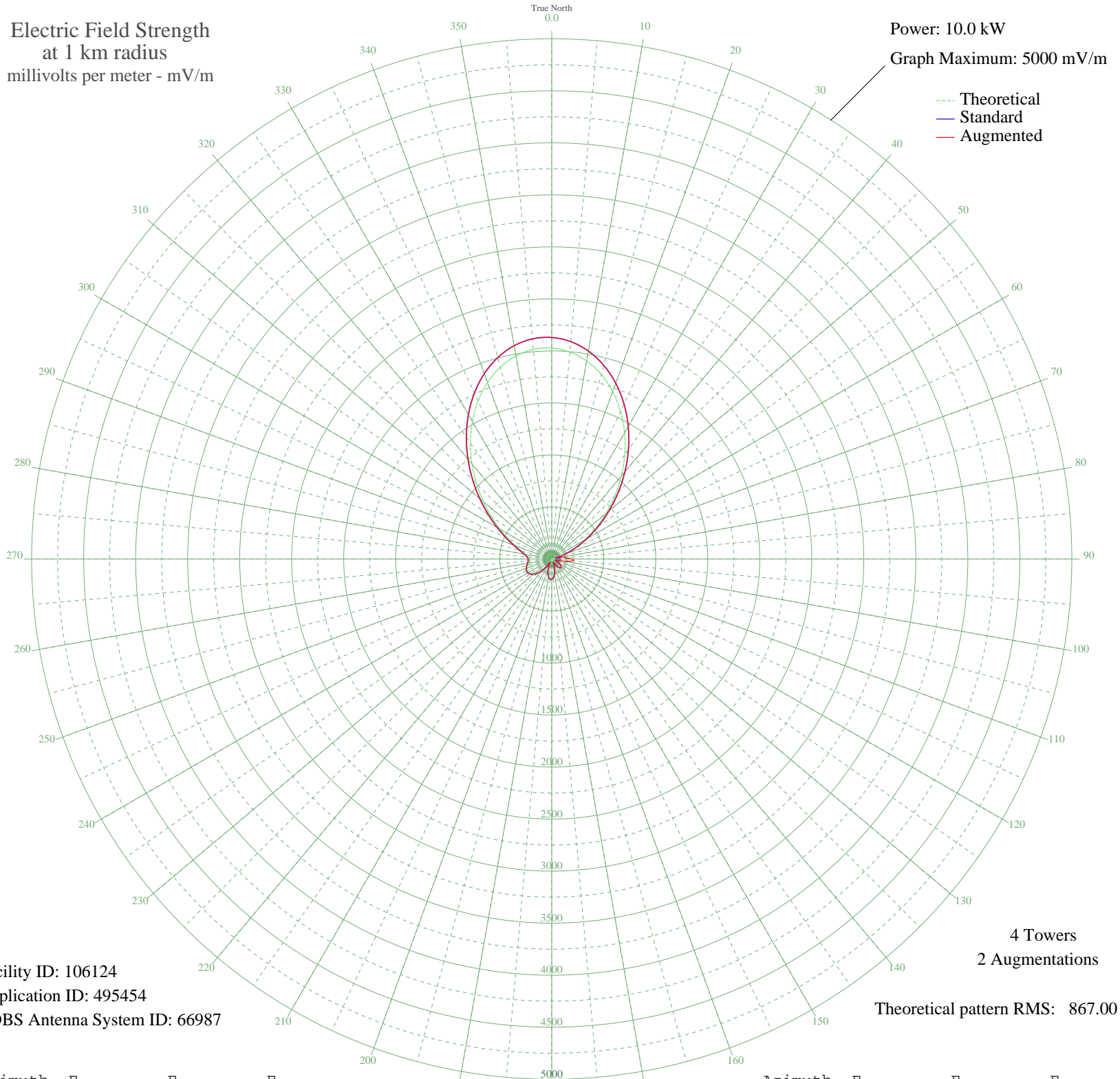


# CHLT SHERBROOKE, QC Canada -- 630 kHz

Daytime

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

Power: 10.0 kW  
Graph Maximum: 5000 mV/m



Facility ID: 106124  
Application ID: 495454  
CDBS Antenna System ID: 66987

4 Towers  
2 Augmentations  
Theoretical pattern RMS: 867.00

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	2027.25	2128.87	2128.87
5	1996.86	2096.97	2096.97
10	1932.36	2029.25	2029.25
15	1836.31	1928.41	1928.41
20	1712.43	1798.36	1798.36
25	1565.39	1643.99	1643.99
30	1400.58	1470.99	1470.99
35	1223.88	1285.51	1285.51
40	1041.38	1093.95	1093.95
45	859.12	902.68	902.68
50	682.85	717.76	717.76
55	517.79	544.70	544.70
60	368.41	388.26	388.26
65	238.29	252.39	252.39
70	129.95	140.43	140.43
75	44.86	57.63	57.63
80	16.62	37.51	104.29
85	55.25	66.84	126.42
90	72.77	83.31	195.42
95	71.87	82.45	203.88
100	56.05	67.57	124.92
105	29.40	45.34	45.34
110	3.53	33.41	33.41
115	38.04	51.94	51.94
120	69.57	80.24	80.24
125	94.01	104.15	104.15
130	108.03	118.20	118.20
135	109.41	119.58	119.58
140	97.24	107.37	107.37
145	72.09	82.66	82.66
150	35.99	50.31	50.31
155	7.75	34.19	34.19
160	54.86	66.48	66.48
165	100.50	110.62	110.62
170	139.85	150.55	150.55
175	168.61	180.13	180.13

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	183.47	195.48	195.48
185	182.48	194.46	194.46
190	165.25	176.66	176.66
195	132.98	143.52	143.52
200	88.25	98.43	98.43
205	34.74	49.33	49.33
210	23.19	41.18	41.18
215	81.04	91.34	91.34
220	134.56	145.14	145.14
225	180.24	192.14	192.14
230	215.54	228.74	228.74
235	239.20	253.34	253.34
240	251.19	265.83	265.83
245	252.78	267.49	267.49
250	246.34	260.77	260.77
255	235.15	249.13	249.13
260	223.19	236.69	236.69
265	214.80	227.98	227.98
270	214.46	227.62	227.62
275	226.45	240.08	240.08
280	254.61	269.39	269.39
285	302.06	318.89	318.89
290	370.94	390.90	390.90
295	462.23	486.48	486.48
300	575.56	605.25	605.25
305	709.11	745.31	745.31
310	859.66	903.25	903.25
315	1022.62	1074.27	1074.27
320	1192.32	1252.38	1252.38
325	1362.26	1430.75	1430.75
330	1525.51	1602.13	1602.13
335	1675.17	1759.24	1759.24
340	1804.75	1895.28	1895.28
345	1908.60	2004.30	2004.30
350	1982.17	2081.54	2081.54
355	2022.28	2123.66	2123.66

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.

10 Nov 2011

Prepared by Audio Division, Media Bureau  
Federal Communications Commission