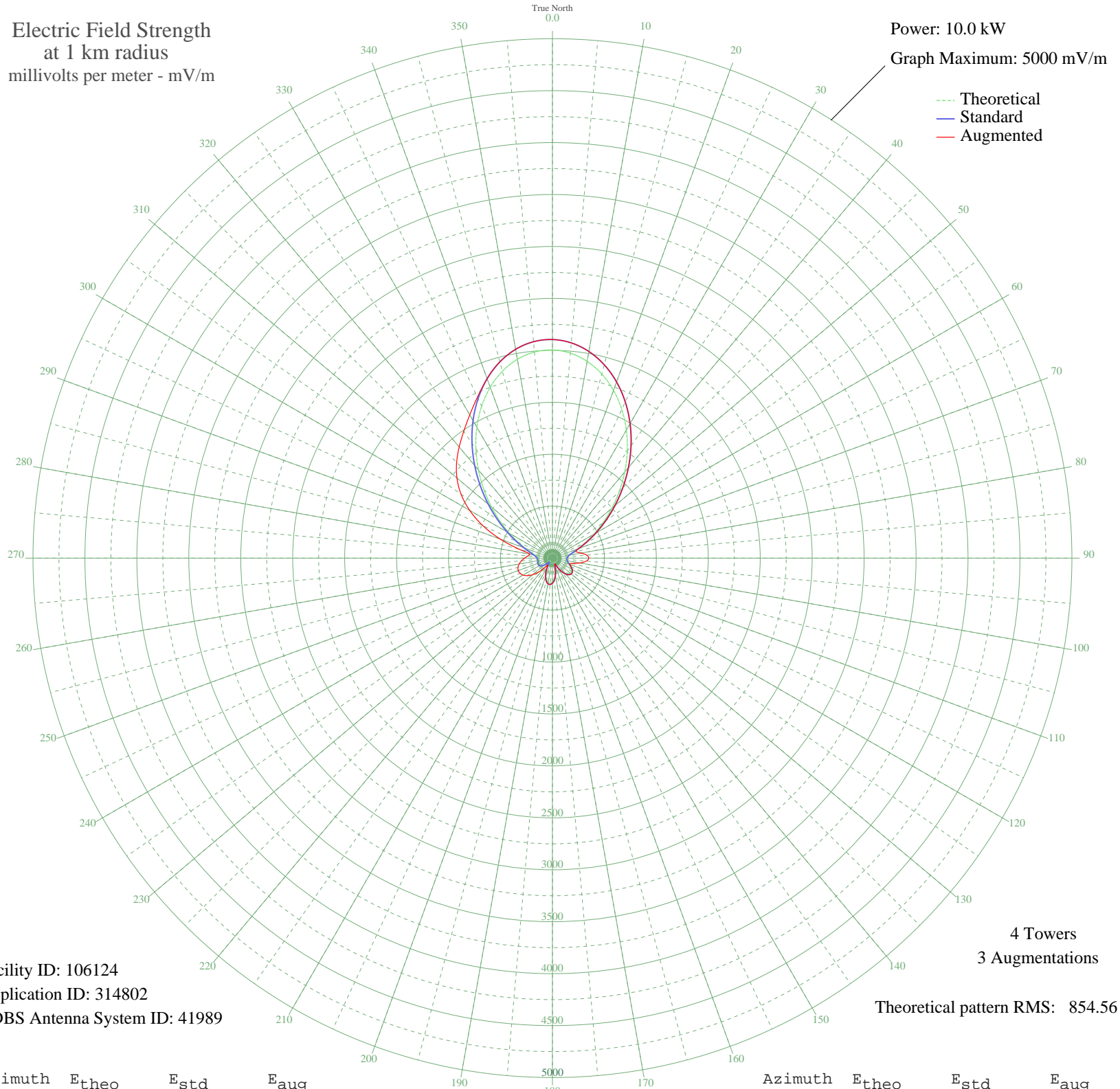


CHLT SHERBROOKE, QC Canada -- 630 kHz

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: 314802
CDBS Antenna System ID: 41989

4 Towers
3 Augmentations
Theoretical pattern RMS: 854.56

Azimuth	E _{theo}	E _{std}	E _{aug}
0	2003.74	2104.19	2104.19
5	1980.66	2079.96	2079.96
10	1923.43	2019.88	2019.88
15	1834.76	1926.79	1926.79
20	1718.52	1804.75	1804.75
25	1579.51	1658.82	1658.82
30	1423.26	1494.79	1494.79
35	1255.71	1318.92	1318.92
40	1083.03	1137.66	1137.66
45	911.30	957.44	957.44
50	746.36	784.38	784.38
55	593.60	624.16	624.16
60	457.82	481.86	481.86
65	343.27	361.96	361.96
70	253.49	268.22	268.22
75	190.81	203.08	237.19
80	154.28	165.36	280.38
85	137.30	147.94	330.78
90	130.77	141.26	350.00
95	129.51	139.99	327.30
100	133.75	144.31	268.51
105	145.46	156.30	198.61
110	164.24	175.62	175.62
115	186.40	198.51	198.51
120	206.74	219.60	219.60
125	220.29	233.67	233.67
130	223.06	236.56	236.56
135	212.53	225.61	225.61
140	187.77	199.94	199.94
145	149.76	160.72	160.72
150	101.96	112.09	112.09
155	55.01	66.63	66.63
160	54.68	66.32	66.32
165	103.60	113.73	113.73
170	155.55	166.66	166.66
175	198.54	211.10	211.10

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 _{theo}	E _{std}	E _{aug}
180	227.71	241.39	241.39
185	240.50	254.70	254.70
190	236.23	250.26	250.26
195	215.90	229.12	229.12
200	182.04	194.00	194.00
205	138.41	149.08	149.08
210	89.92	100.08	100.08
215	44.49	57.31	84.28
220	33.65	48.48	130.54
225	65.65	76.51	191.87
230	97.15	107.28	248.32
235	120.17	130.47	293.89
240	133.76	144.32	326.27
245	139.02	149.70	344.82
250	138.30	148.96	350.00
255	134.75	145.34	342.95
260	131.66	142.17	325.32
265	131.68	142.19	299.28
270	136.76	147.38	268.10
275	149.24	160.19	237.95
280	173.30	184.97	221.14
285	214.57	227.73	329.79
290	277.93	293.71	533.26
295	365.76	385.48	738.10
300	477.93	502.92	920.46
305	612.44	643.92	1074.23
310	765.76	804.73	1200.00
315	933.02	980.23	1303.91
320	1108.27	1164.16	1396.27
325	1284.75	1349.40	1488.99
330	1455.29	1528.41	1591.90
335	1612.69	1693.65	1709.25
340	1750.24	1838.06	1838.06
345	1862.08	1955.47	1955.47
350	1943.52	2040.97	2040.97
355	1991.31	2091.14	2091.14