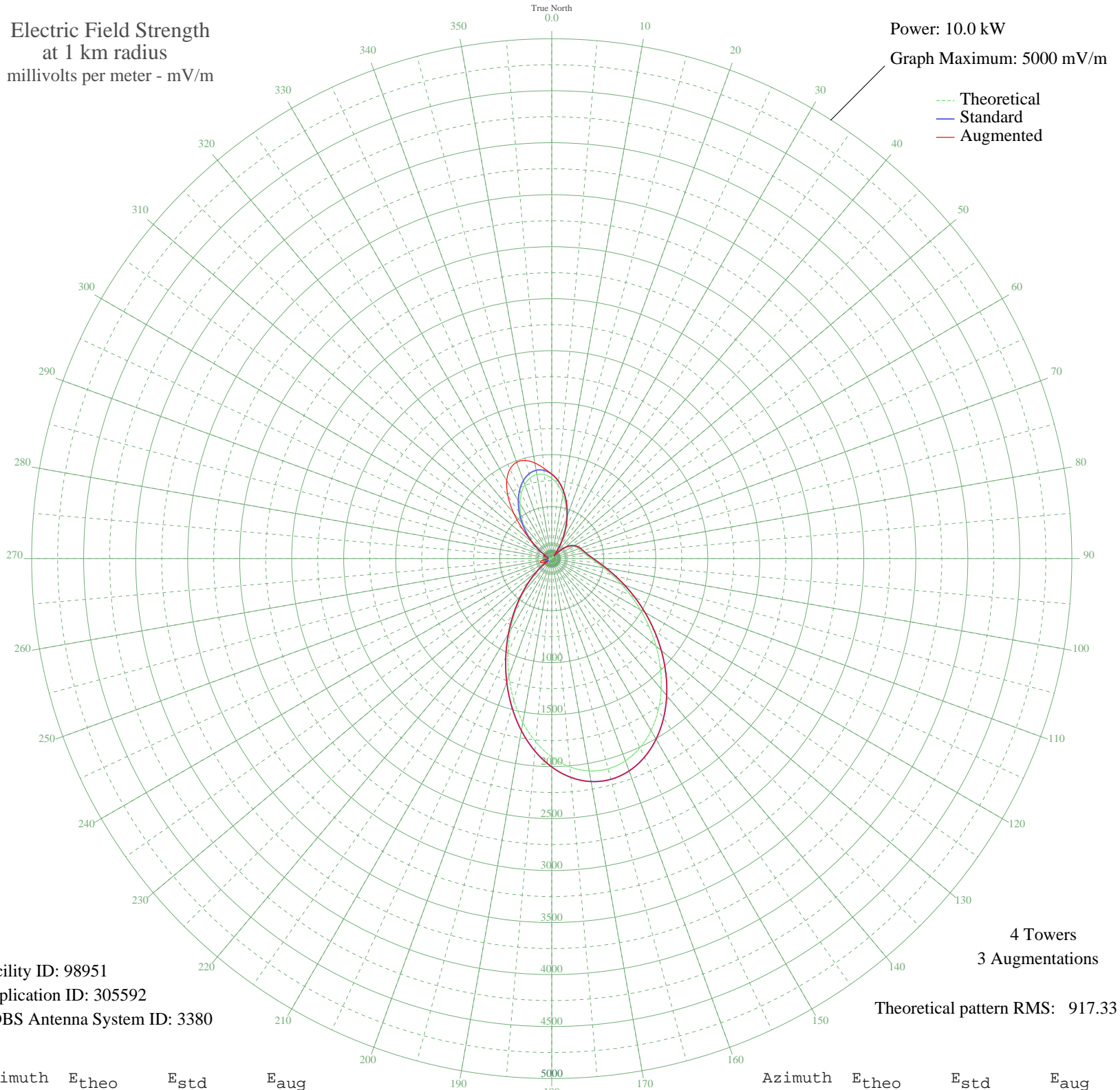


CKTS SHERBROOKE, QC Canada -- 900 kHz

Nighttime

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

Power: 10.0 kW
Graph Maximum: 5000 mV/m



--- Theoretical
— Standard
— Augmented

Facility ID: 98951
Application ID: 305592
CDBS Antenna System ID: 3380

4 Towers
3 Augmentations

Theoretical pattern RMS: 917.33

Azimuth	E _{theo}	E _{std}	E _{aug}
0	773.55	812.94	812.94
5	710.16	746.44	746.44
10	624.85	656.98	656.98
15	522.97	550.17	550.17
20	410.79	432.68	432.68
25	294.95	311.57	311.57
30	181.77	193.88	193.88
35	76.74	87.50	87.50
40	16.09	38.05	38.05
45	93.72	104.15	104.15
50	155.53	166.82	166.82
55	202.08	214.91	214.91
60	235.48	249.59	249.59
65	258.96	274.04	274.04
70	276.59	292.41	292.41
75	292.89	309.41	309.41
80	312.51	329.91	329.91
85	339.97	358.59	358.59
90	379.31	399.73	399.73
95	433.93	456.90	456.90
100	506.36	532.77	532.77
105	598.06	628.89	628.89
110	709.33	745.58	745.58
115	839.16	881.77	881.77
120	985.14	1034.96	1034.96
125	1143.52	1201.18	1201.18
130	1309.22	1375.10	1375.10
135	1476.01	1550.19	1550.19
140	1636.78	1718.96	1718.96
145	1783.91	1873.42	1873.42
150	1909.71	2005.48	2005.48
155	2006.93	2107.55	2107.55
160	2069.35	2173.08	2173.08
165	2092.26	2197.14	2197.14
170	2072.93	2176.84	2176.84
175	2010.90	2111.72	2111.72

Azimuth	E _{theo}	E _{std}	E _{aug}
180	1908.12	2003.82	2003.82
185	1768.92	1857.67	1857.67
190	1599.65	1679.98	1679.98
195	1408.31	1479.12	1479.12
200	1203.87	1264.53	1264.53
205	995.63	1045.97	1045.97
210	792.50	832.83	832.83
215	602.43	633.47	633.47
220	431.89	454.77	454.77
225	285.56	301.77	301.77
230	166.19	177.80	177.80
235	74.64	85.47	85.47
240	10.31	35.77	46.32
245	30.34	46.66	84.79
250	49.38	62.05	111.95
255	51.75	64.15	111.01
260	42.28	55.97	84.83
265	26.02	43.69	47.97
270	8.25	35.18	35.18
275	8.01	35.11	35.11
280	15.64	37.84	37.84
285	12.63	36.58	43.66
290	5.15	34.52	82.98
295	37.23	51.87	73.18
300	86.36	96.87	96.87
305	151.56	162.75	162.75
310	230.98	244.92	244.92
315	321.47	339.27	387.98
320	418.65	440.90	567.96
325	517.12	544.04	734.04
330	610.84	642.29	864.94
335	693.56	729.03	950.00
340	759.33	798.03	986.12
345	803.06	843.90	977.24
350	821.00	862.73	934.07
355	811.17	852.41	872.95

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