

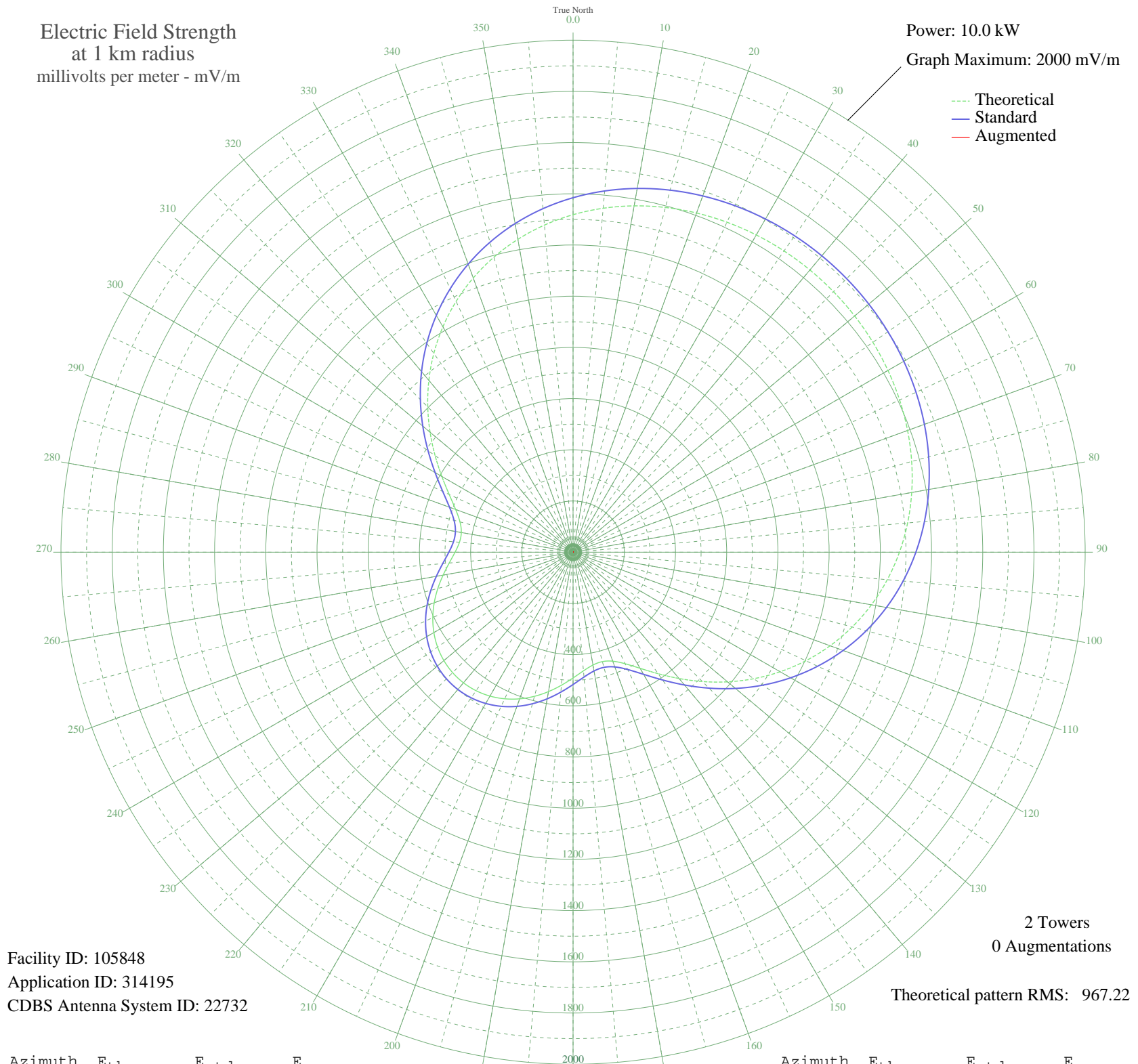
CJRS SHERBROOKE, QC Canada -- 1510 kHz

Daytime

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

Power: 10.0 kW
Graph Maximum: 2000 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 105848
Application ID: 314195
CDBS Antenna System ID: 22732

2 Towers
0 Augmentations

Theoretical pattern RMS: 967.22

Azimuth	E _{theo}	E _{std}	E _{aug}
0	1318.38	1384.69	
5	1348.62	1416.44	
10	1373.69	1442.76	
15	1394.02	1464.10	
20	1410.06	1480.94	
25	1422.24	1493.73	
30	1430.95	1502.86	
35	1436.48	1508.67	
40	1439.05	1511.37	
45	1438.77	1511.07	
50	1435.62	1507.76	
55	1429.47	1501.31	
60	1420.10	1491.47	
65	1407.18	1477.91	
70	1390.31	1460.21	
75	1369.07	1437.91	
80	1343.00	1410.54	
85	1311.67	1377.66	
90	1274.74	1338.89	
95	1231.96	1293.98	
100	1183.21	1242.82	
105	1128.59	1185.49	
110	1068.41	1122.32	
115	1003.22	1053.91	
120	933.89	981.14	
125	861.56	905.25	
130	787.79	827.84	
135	714.48	750.94	
140	644.03	677.04	
145	579.31	609.18	
150	523.65	550.84	
155	480.58	505.70	
160	453.04	476.85	
165	442.39	465.69	
170	447.53	471.08	
175	465.22	489.61	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	491.26	516.89	
185	521.58	548.67	
190	552.91	581.50	
195	582.78	612.82	
200	609.47	640.81	
205	631.79	664.21	
210	648.93	682.19	
215	660.40	694.22	
220	665.89	699.98	
225	665.28	699.33	
230	658.58	692.30	
235	645.95	679.05	
240	627.72	659.94	
245	604.45	635.54	
250	577.02	606.78	
255	546.69	574.99	
260	515.34	542.13	
265	485.59	510.95	
270	460.88	485.06	
275	445.37	468.81	
280	443.18	466.53	
285	457.21	481.22	
290	488.03	513.50	
295	533.89	561.57	
300	591.64	622.11	
305	657.76	691.45	
310	729.00	766.17	
315	802.57	843.36	
320	876.20	920.61	
325	948.03	995.99	
330	1016.63	1067.97	
335	1080.87	1135.40	
340	1139.98	1197.44	
345	1193.44	1253.55	
350	1240.99	1303.46	
355	1282.59	1347.13	

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.

17 Oct 2009

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