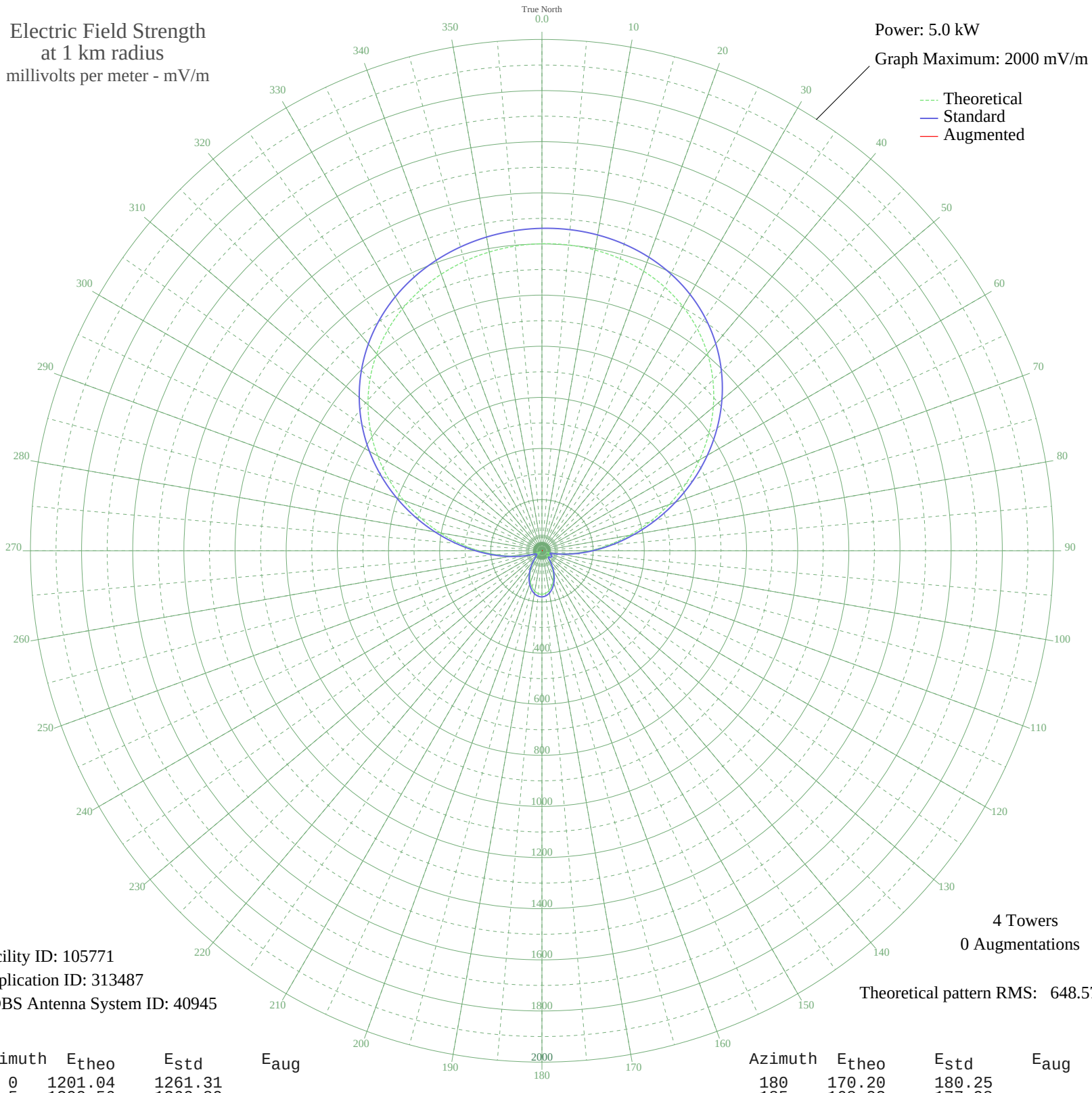
CFLV VALLEYFIELD, QC Canada -- 1370 kHz

Nighttime

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



Power: 5.0 kW

Graph Maximum: 2000 mV/m

Theoretical
Standard
Augmented

4 Towers
0 Augmentations

Facility ID: 105771
Application ID: 313487
CDBS Antenna System ID: 40945

Theoretical pattern RMS: 648.57

Azimuth	E_{theo}	E_{std}	E_{aug}
0	1201.04	1261.31	
5	1200.56	1260.80	
10	1194.53	1254.48	
15	1182.44	1241.78	
20	1163.60	1222.01	
25	1137.28	1194.38	
30	1102.76	1158.13	
35	1059.42	1112.64	
40	1006.91	1057.52	
45	945.18	992.72	
50	874.62	918.65	
55	796.08	836.21	
60	710.93	746.85	
65	621.04	652.51	
70	528.68	555.61	
75	436.42	458.84	
80	346.99	365.10	
85	263.10	277.25	
90	187.26	198.02	
95	121.68	129.91	
100	68.42	75.58	
105	30.95	40.09	
110	22.06	32.98	
115	32.22	41.18	
120	37.33	45.69	
125	34.88	43.50	
130	27.98	37.60	
135	25.72	35.78	
140	37.74	46.06	
145	58.64	65.90	
150	82.24	89.49	
155	105.58	113.32	
160	126.84	135.23	
165	144.72	153.76	
170	158.30	167.87	
175	166.92	176.83	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	170.20	180.25	
185	168.02	177.98	
190	160.50	170.15	
195	148.02	157.19	
200	131.25	139.80	
205	111.12	119.01	
210	88.84	96.19	
215	65.92	73.09	
220	44.11	51.93	
225	25.42	35.55	
230	12.23	26.76	
235	6.85	24.56	
240	7.11	24.64	
245	16.72	29.32	
250	39.11	47.30	
255	73.76	80.93	
260	120.37	128.55	
265	178.20	188.58	
270	245.96	259.32	
275	321.83	338.74	
280	403.63	424.47	
285	488.93	513.91	
290	575.24	604.46	
295	660.21	693.61	
300	741.72	779.16	
305	818.05	859.27	
310	887.91	932.60	
315	950.47	998.27	
320	1005.34	1055.87	
325	1052.50	1105.38	
330	1092.22	1147.07	
335	1124.95	1181.43	
340	1151.24	1209.03	
345	1171.63	1230.44	
350	1186.57	1246.11	
355	1196.34	1256.37	

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.

31 Aug 2008

Prepared by Audio Division, Media Bureau
Federal Communications Commission