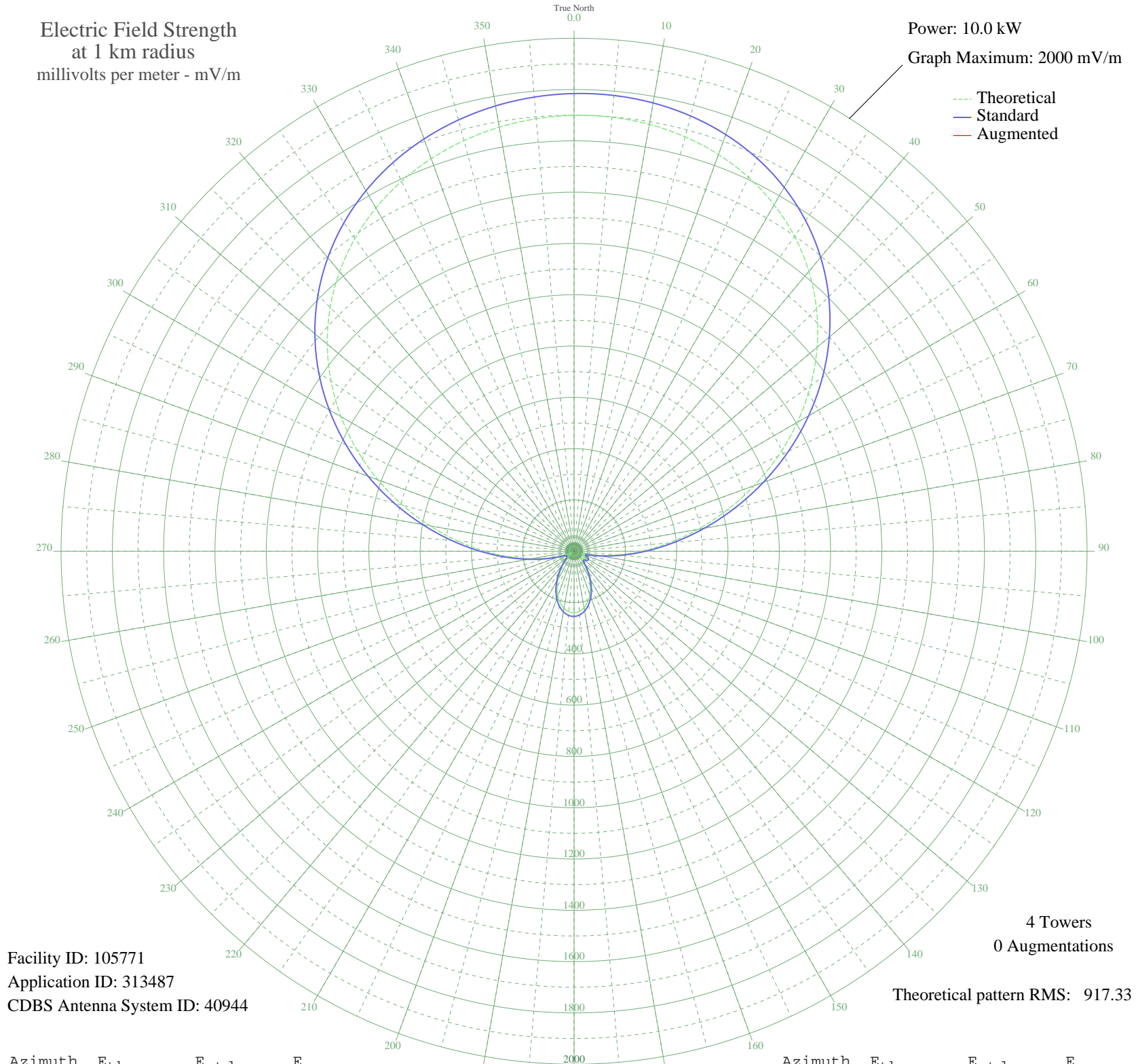


# CFLV VALLEYFIELD, QC Canada -- 1370 kHz

Daytime

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

Power: 10.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 105771  
Application ID: 313487  
CDBS Antenna System ID: 40944

4 Towers  
0 Augmentations  
Theoretical pattern RMS: 917.33

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1699.09	1784.36	
5	1698.38	1783.61	
10	1689.83	1774.63	
15	1672.68	1756.63	
20	1645.99	1728.61	
25	1608.71	1689.47	
30	1559.81	1638.14	
35	1498.45	1573.72	
40	1424.10	1495.67	
45	1336.69	1403.92	
50	1236.79	1299.05	
55	1125.60	1182.35	
60	1005.07	1055.85	
65	877.83	922.32	
70	747.10	785.16	
75	616.53	648.21	
80	489.98	515.55	
85	371.27	391.25	
90	263.97	279.15	
95	171.24	182.84	
100	96.00	106.13	
105	43.44	56.42	
110	32.04	47.27	
115	46.65	59.17	
120	53.83	65.56	
125	50.26	62.35	
130	40.25	53.74	
135	36.42	50.64	
140	52.87	64.69	
145	82.26	92.54	
150	115.61	125.85	
155	148.61	159.53	
160	178.68	190.53	
165	203.98	216.74	
170	223.18	236.68	
175	235.37	249.36	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	240.00	254.18	
185	236.90	250.95	
190	226.24	239.86	
195	208.57	221.51	
200	184.83	196.89	
205	156.34	167.48	
210	124.84	135.22	
215	92.44	102.59	
220	61.67	72.77	
225	35.45	49.88	
230	17.38	37.89	
235	10.71	35.06	
240	10.63	35.03	
245	23.08	41.11	
250	54.48	66.14	
255	103.47	113.61	
260	169.45	180.99	
265	251.32	265.97	
270	347.25	366.12	
275	454.68	478.56	
280	570.48	599.92	
285	691.23	726.55	
290	813.42	854.73	
295	933.68	980.93	
300	1049.06	1102.02	
305	1157.10	1215.41	
310	1255.98	1319.20	
315	1344.53	1412.15	
320	1422.20	1493.68	
325	1488.94	1563.74	
330	1545.15	1622.74	
335	1591.46	1671.37	
340	1628.66	1710.42	
345	1657.51	1740.70	
350	1678.64	1762.88	
355	1692.45	1777.38	

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.

---

04 Jul 2009

---

Prepared by Audio Division, Media Bureau  
Federal Communications Commission