

**CFCF MONTREAL, QC Canada -- 600 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: 106103  
Application ID: 314752  
CDBS Antenna System ID: 66949

4 Towers  
0 Augmentations  
Theoretical pattern RMS: 1029.00

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	2109.68	2215.55	
5	2137.20	2244.44	
10	2146.32	2254.02	
15	2137.20	2244.44	
20	2109.68	2215.55	
25	2063.40	2166.97	
30	1997.86	2098.16	
35	1912.62	2008.68	
40	1807.58	1898.41	
45	1683.22	1767.86	
50	1540.86	1618.43	
55	1382.94	1452.67	
60	1213.10	1274.43	
65	1036.22	1088.81	
70	858.23	902.09	
75	685.85	721.33	
80	526.11	553.97	
85	386.02	407.42	
90	272.20	288.79	
95	190.63	204.38	
100	144.11	156.86	
105	125.50	138.10	
110	118.72	131.34	
115	112.39	125.05	
120	104.04	116.80	
125	95.91	108.86	
130	90.71	103.83	
135	88.81	102.00	
140	88.28	101.50	
145	87.06	100.33	
150	84.78	98.15	
155	83.14	96.59	
160	84.98	98.34	
165	92.08	105.15	
170	103.54	116.31	
175	116.58	129.20	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	128.20	140.82	
185	136.10	148.77	
190	138.89	151.58	
195	136.10	148.77	
200	128.20	140.82	
205	116.58	129.20	
210	103.54	116.31	
215	92.08	105.15	
220	84.98	98.34	
225	83.14	96.59	
230	84.78	98.15	
235	87.06	100.33	
240	88.28	101.50	
245	88.81	102.00	
250	90.71	103.83	
255	95.91	108.86	
260	104.04	116.80	
265	112.39	125.05	
270	118.72	131.34	
275	125.50	138.10	
280	144.11	156.86	
285	190.63	204.38	
290	272.20	288.79	
295	386.02	407.42	
300	526.11	553.97	
305	685.85	721.33	
310	858.23	902.09	
315	1036.22	1088.81	
320	1213.10	1274.43	
325	1382.94	1452.67	
330	1540.86	1618.43	
335	1683.22	1767.86	
340	1807.58	1898.41	
345	1912.62	2008.68	
350	1997.86	2098.16	
355	2063.40	2166.97	

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.

06 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission