

CKSL LONDON, ON Canada -- 1410 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: 105799
Application ID: 313722
CDBS Antenna System ID: 66618

4 Towers
0 Augmentations

Theoretical pattern RMS: 965.61

Azimuth	E _{theo}	E _{std}	E _{aug}
0	2105.50	2211.40	
5	2050.22	2153.37	
10	1968.90	2068.01	
15	1862.12	1955.93	
20	1731.05	1818.37	
25	1577.71	1657.43	
30	1405.16	1476.35	
35	1217.73	1279.70	
40	1021.03	1073.37	
45	821.88	864.57	
50	628.08	661.58	
55	448.30	473.65	
60	292.57	311.67	
65	176.05	192.18	
70	127.37	143.70	
75	146.74	162.80	
80	178.93	195.09	
85	197.94	214.39	
90	200.81	217.31	
95	190.90	207.23	
100	172.70	188.81	
105	149.66	165.71	
110	123.38	139.81	
115	94.35	112.17	
120	65.89	86.90	
125	56.23	79.07	
130	86.89	105.30	
135	139.82	155.94	
140	200.48	216.98	
145	262.37	280.47	
150	320.90	341.02	
155	372.21	394.34	
160	413.14	436.97	
165	441.26	466.30	
170	454.94	480.58	
175	453.41	478.98	

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.

24 Oct 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E _{theo}	E _{std}	E _{aug}
180	436.75	461.60	
185	405.91	429.44	
190	362.68	384.43	
195	309.66	329.36	
200	250.13	267.85	
205	188.09	204.37	
210	128.33	144.65	
215	78.23	97.53	
220	55.01	78.12	
225	71.03	91.26	
230	100.32	117.74	
235	128.87	145.17	
240	154.55	170.59	
245	176.81	192.96	
250	193.69	210.06	
255	201.40	217.92	
260	195.48	211.88	
265	173.22	189.33	
270	140.24	156.37	
275	130.34	146.62	
280	195.05	211.45	
285	321.20	341.34	
290	482.69	509.54	
295	666.01	701.29	
300	861.54	906.15	
305	1060.80	1115.08	
310	1256.15	1320.01	
315	1441.01	1513.98	
320	1610.03	1691.35	
325	1759.12	1847.83	
330	1885.46	1980.43	
335	1987.22	2087.25	
340	2063.37	2167.18	
345	2113.41	2219.70	
350	2137.13	2244.60	
355	2134.49	2241.84	