

CIAM CAMBRIDGE, ON Canada -- 960 kHz

Nighttime

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

Power: 10.0 kW
Graph Maximum: 5000 mV/m



--- Theoretical
— Standard
— Augmented

Facility ID: 98955
Application ID: 495256
CDBS Antenna System ID: 54657

6 Towers
0 Augmentations

Theoretical pattern RMS: 960.00

Azimuth	E _{theo}	E _{std}	E _{aug}
0	2145.37	2252.97	
5	1950.08	2047.95	
10	1728.10	1814.91	
15	1492.08	1567.16	
20	1254.36	1317.64	
25	1026.04	1078.03	
30	816.20	857.88	
35	631.39	664.08	
40	475.38	500.64	
45	349.23	368.71	
50	251.52	266.89	
55	178.90	191.75	
60	126.73	138.53	
65	89.83	101.89	
70	63.27	76.79	
75	42.99	59.34	
80	26.80	47.70	
85	17.81	42.82	
90	24.85	46.52	
95	39.97	56.97	
100	55.07	69.48	
105	66.44	79.69	
110	71.34	84.23	
115	67.78	80.93	
120	54.99	69.41	
125	34.29	52.72	
130	17.53	42.69	
135	39.45	56.57	
140	72.70	85.50	
145	103.58	115.38	
150	127.27	139.07	
155	140.64	152.62	
160	142.14	154.14	
165	131.92	143.77	
170	111.77	123.52	
175	84.86	97.07	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	55.22	69.61	
185	27.46	48.11	
190	10.79	40.15	
195	19.16	43.46	
200	26.66	47.61	
205	27.05	47.86	
210	21.56	44.68	
215	13.19	40.93	
220	7.06	39.23	
225	8.23	39.48	
230	9.35	39.75	
235	10.32	40.01	
240	20.91	44.33	
245	40.03	57.02	
250	62.59	76.18	
255	83.41	95.68	
260	96.62	108.52	
265	96.30	108.20	
270	79.21	91.66	
275	61.69	75.36	
280	111.19	122.94	
285	227.49	241.95	
290	388.82	410.08	
295	588.31	618.92	
300	819.39	861.22	
305	1073.25	1127.57	
310	1338.75	1406.22	
315	1602.98	1683.57	
320	1852.16	1945.15	
325	2072.71	2176.69	
330	2252.32	2365.25	
335	2380.96	2500.30	
340	2451.66	2574.53	
345	2461.09	2584.43	
350	2409.78	2530.57	
355	2302.01	2417.42	

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.

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Federal Communications Commission