

CKBB BARRIE, ON Canada -- 950 kHz

Daytime

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: 98980
Application ID: 495212
CDBS Antenna System ID: 26996

3 Towers
0 Augmentations

Theoretical pattern RMS: 1055.00

Azimuth	E _{theo}	E _{std}	E _{aug}
0	1928.67	2025.38	
5	1925.54	2022.09	
10	1914.64	2010.65	
15	1894.98	1990.01	
20	1865.12	1958.66	
25	1823.32	1914.78	
30	1767.74	1856.43	
35	1696.66	1781.80	
40	1608.73	1689.49	
45	1503.30	1578.82	
50	1380.66	1450.08	
55	1242.29	1304.83	
60	1091.00	1146.03	
65	931.03	978.14	
70	767.99	807.07	
75	608.86	640.16	
80	462.04	486.27	
85	337.82	356.27	
90	248.95	263.50	
95	205.74	218.56	
100	199.56	212.16	
105	204.09	216.86	
110	199.26	211.84	
115	176.88	188.67	
120	135.71	146.31	
125	77.96	88.34	
130	11.26	35.25	
135	73.49	84.00	
140	156.43	167.57	
145	239.11	253.25	
150	317.54	335.06	
155	388.50	409.28	
160	449.50	473.14	
165	498.69	524.68	
170	534.85	562.58	
175	557.34	586.15	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	566.03	595.26	
185	561.34	590.35	
190	544.30	572.47	
195	516.64	543.49	
200	481.06	506.20	
205	441.44	464.70	
210	402.99	424.44	
215	371.94	391.95	
220	353.96	373.13	
225	351.24	370.30	
230	360.50	379.98	
235	374.16	394.27	
240	383.59	404.14	
245	381.59	402.05	
250	363.86	383.49	
255	330.37	348.48	
260	288.60	304.84	
265	260.05	275.06	
270	280.09	295.97	
275	363.99	383.63	
280	493.26	518.99	
285	646.77	679.92	
290	810.51	851.68	
295	974.98	1024.27	
300	1133.24	1190.37	
305	1280.25	1344.67	
310	1412.59	1483.59	
315	1528.33	1605.09	
320	1626.79	1708.45	
325	1708.34	1794.06	
330	1774.11	1863.12	
335	1825.71	1917.29	
340	1864.93	1958.46	
345	1893.53	1988.48	
350	1913.02	2008.94	
355	1924.52	2021.02	

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.

20 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission