

# CJSL ESTEVAN, SK Canada -- 1280 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: 104378  
Application ID: 495372  
CDBS Antenna System ID: 64166

3 Towers  
0 Augmentations

Theoretical pattern RMS: 1014.00

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1908.02	2003.76	
5	1919.05	2015.34	
10	1919.78	2016.11	
15	1910.24	2006.09	
20	1890.24	1985.09	
25	1859.36	1952.67	
30	1817.08	1908.29	
35	1762.79	1851.30	
40	1695.96	1781.13	
45	1616.19	1697.39	
50	1523.40	1600.00	
55	1417.95	1489.30	
60	1300.69	1366.22	
65	1173.11	1232.32	
70	1037.31	1089.80	
75	896.00	941.52	
80	752.39	790.86	
85	610.06	641.62	
90	472.77	497.78	
95	344.23	363.31	
100	227.87	242.08	
105	126.78	138.12	
110	45.05	59.95	
115	32.93	50.51	
120	76.87	88.72	
125	106.23	117.47	
130	119.66	130.93	
135	119.15	130.42	
140	107.76	118.99	
145	89.75	101.18	
150	71.69	83.80	
155	64.02	76.65	
160	74.19	86.16	
165	95.99	107.30	
170	120.43	131.70	
175	142.47	154.06	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	159.59	171.57	
185	170.53	182.80	
190	174.93	187.33	
195	173.23	185.58	
200	166.72	178.89	
205	157.69	169.62	
210	149.49	161.23	
215	146.02	157.68	
220	150.14	161.89	
225	161.84	173.88	
230	178.09	190.58	
235	194.56	207.58	
240	207.12	220.57	
245	212.50	226.14	
250	208.88	222.39	
255	196.82	209.91	
260	181.51	194.11	
265	176.32	188.76	
270	200.61	213.83	
275	262.84	278.43	
280	356.05	375.66	
285	470.69	495.60	
290	599.46	630.51	
295	736.66	774.37	
300	877.44	922.05	
305	1017.57	1069.09	
310	1153.39	1211.62	
315	1281.86	1346.46	
320	1400.60	1471.09	
325	1507.91	1583.73	
330	1602.75	1683.29	
335	1684.63	1769.25	
340	1753.54	1841.58	
345	1809.78	1900.63	
350	1853.89	1946.93	
355	1886.45	1981.11	

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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Prepared by Audio Division, Media Bureau  
Federal Communications Commission