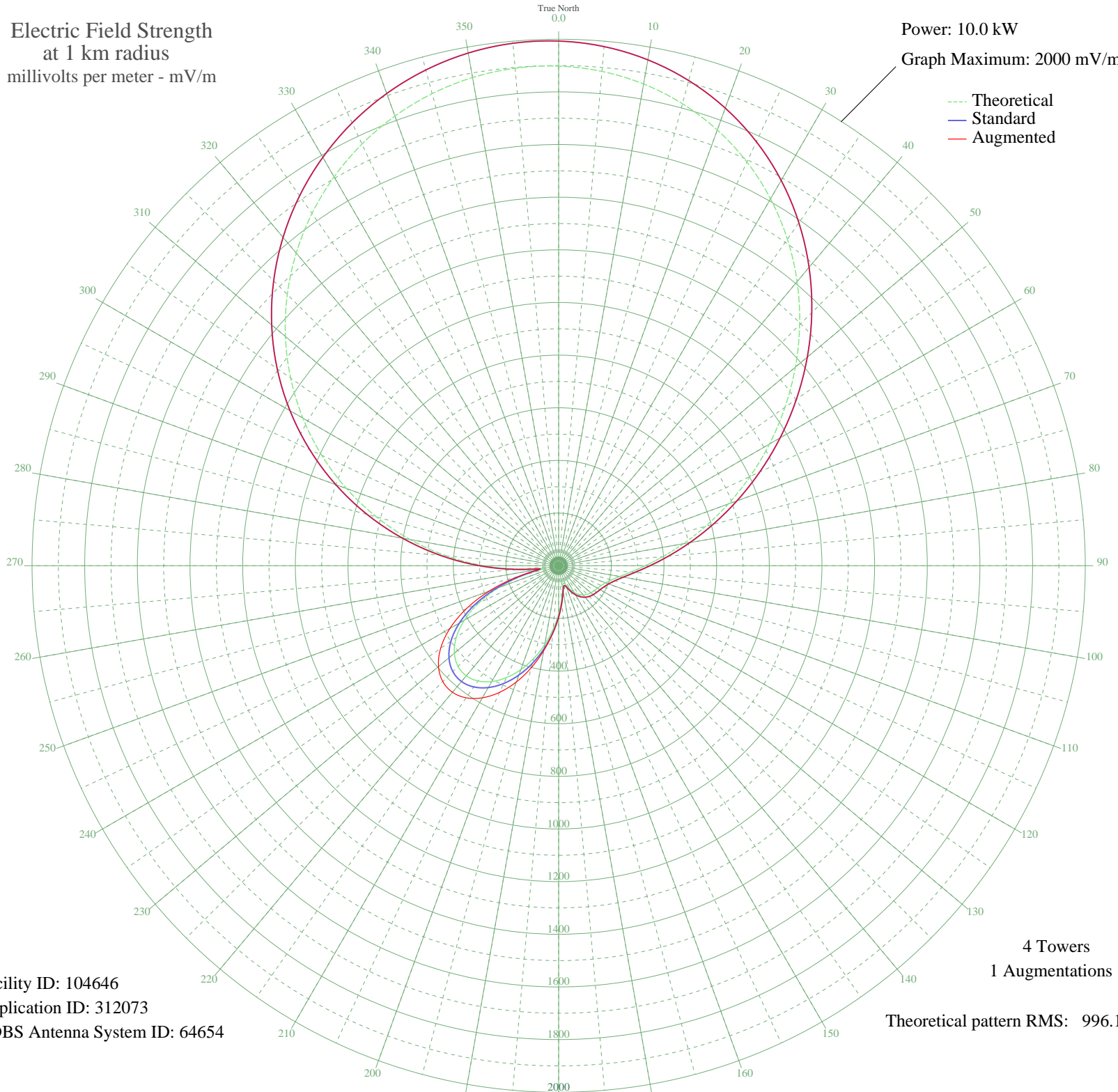


# CJME REGINA, SK Canada -- 1300 kHz

Nighttime

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

Power: 10.0 kW  
Graph Maximum: 2000 mV/m



--- Theoretical  
— Standard  
— Augmented

Facility ID: 104646  
Application ID: 312073  
CDBS Antenna System ID: 64654

4 Towers  
1 Augmentations

Theoretical pattern RMS: 996.18

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1897.91	1993.09	1993.09
5	1885.06	1979.59	1979.59
10	1858.16	1951.35	1951.35
15	1817.00	1908.14	1908.14
20	1761.57	1849.95	1849.95
25	1692.18	1777.09	1777.09
30	1609.47	1690.27	1690.27
35	1514.52	1590.60	1590.60
40	1408.86	1479.67	1479.67
45	1294.44	1359.57	1359.57
50	1173.67	1232.80	1232.80
55	1049.31	1102.28	1102.28
60	924.39	971.18	971.18
65	802.06	842.82	842.82
70	685.46	720.49	720.49
75	577.53	607.31	607.31
80	480.87	506.00	506.00
85	397.53	418.72	418.72
90	328.81	346.84	346.84
95	275.07	290.72	290.72
100	235.47	249.46	249.46
105	207.98	220.89	220.89
110	189.81	202.05	202.05
115	178.08	189.91	189.91
120	170.37	181.95	181.95
125	164.78	176.18	176.18
130	159.74	170.98	170.98
135	153.72	164.79	164.79
140	145.28	156.12	156.12
145	133.15	143.70	143.70
150	116.60	126.85	126.85
155	96.15	106.28	106.28
160	75.71	86.15	86.15
165	67.66	78.42	78.42
170	87.29	97.48	97.48
175	129.36	139.83	139.83

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	182.97	194.96	194.96
185	242.27	256.54	257.34
190	303.58	320.49	328.03
195	363.78	383.41	400.85
200	419.86	442.10	469.93
205	468.86	493.42	530.69
210	507.90	534.33	579.29
215	534.33	562.02	612.44
220	545.80	574.05	627.46
225	540.42	568.41	622.30
230	516.87	543.72	595.69
235	474.48	499.31	547.16
240	413.34	435.28	477.11
245	334.36	352.64	386.95
250	239.53	253.69	279.34
255	133.73	144.29	160.36
260	57.72	69.11	72.01
265	149.30	160.24	160.24
270	284.58	300.64	300.64
275	427.47	450.07	450.07
280	572.53	602.07	602.07
285	716.63	753.19	753.19
290	857.38	900.86	900.86
295	992.87	1043.04	1043.04
300	1121.61	1178.16	1178.16
305	1242.46	1305.01	1305.01
310	1354.59	1422.71	1422.71
315	1457.40	1530.63	1530.63
320	1550.42	1628.28	1628.28
325	1633.31	1715.30	1715.30
330	1705.73	1791.32	1791.32
335	1767.33	1856.00	1856.00
340	1817.74	1908.91	1908.91
345	1856.50	1949.61	1949.61
350	1883.13	1977.57	1977.57
355	1897.11	1992.24	1992.24

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.

14 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission