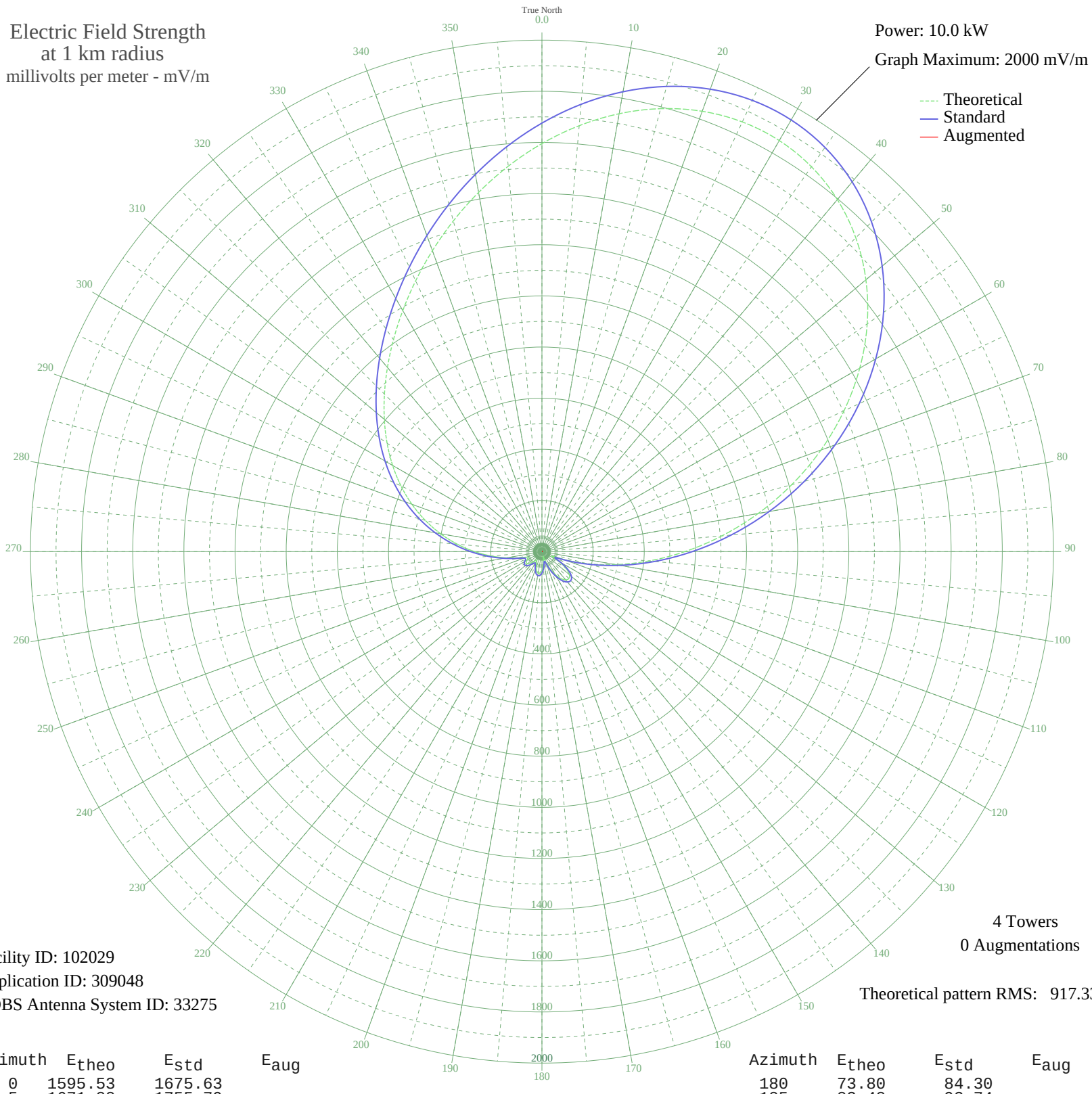
CJMR MISSISSAUGA, ON Canada -- 1190 kHz

Daytime

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



Power: 10.0 kW

Graph Maximum: 2000 mV/m

Theoretical
Standard
Augmented

4 Towers
0 Augmentations

Facility ID: 102029
Application ID: 309048
CDBS Antenna System ID: 33275

Theoretical pattern RMS: 917.33

Azimuth	E_{theo}	E_{std}	E_{aug}
0	1595.53	1675.63	
5	1671.88	1755.79	
10	1738.75	1825.99	
15	1793.16	1883.11	
20	1832.36	1924.26	
25	1853.94	1946.92	
30	1856.00	1949.08	
35	1837.25	1929.40	
40	1797.09	1887.24	
45	1735.61	1822.69	
50	1653.64	1736.64	
55	1552.71	1630.68	
60	1435.00	1507.12	
65	1303.29	1368.86	
70	1160.83	1219.33	
75	1011.26	1062.34	
80	858.44	901.97	
85	706.33	742.39	
90	558.86	587.74	
95	419.74	441.97	
100	292.41	308.82	
105	180.21	192.11	
110	87.93	98.12	
115	41.51	54.79	
120	76.51	86.93	
125	115.42	125.66	
130	139.79	150.49	
135	148.90	159.84	
140	144.24	155.05	
145	128.09	138.53	
150	103.22	113.36	
155	72.83	83.37	
160	40.87	54.26	
165	18.32	38.38	
170	33.21	48.15	
175	56.27	67.77	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	73.80	84.30	
185	83.48	93.74	
190	84.76	94.99	
195	78.18	88.55	
200	65.46	76.33	
205	50.09	62.20	
210	39.02	52.73	
215	41.13	54.48	
220	53.41	65.18	
225	66.17	77.00	
230	73.86	84.36	
235	74.12	84.62	
240	67.25	78.03	
245	58.56	69.88	
250	62.97	73.99	
255	92.15	102.30	
260	139.80	150.50	
265	198.35	210.90	
270	263.43	278.59	
275	332.12	350.30	
280	402.22	423.63	
285	472.15	496.87	
290	540.94	568.96	
295	608.20	639.47	
300	674.06	708.54	
305	739.15	776.82	
310	804.41	845.28	
315	870.94	915.09	
320	939.85	987.40	
325	1012.07	1063.19	
330	1088.20	1143.09	
335	1168.38	1227.25	
340	1252.21	1315.24	
345	1338.69	1406.01	
350	1426.22	1497.90	
355	1512.69	1588.67	

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.

23 Oct 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission