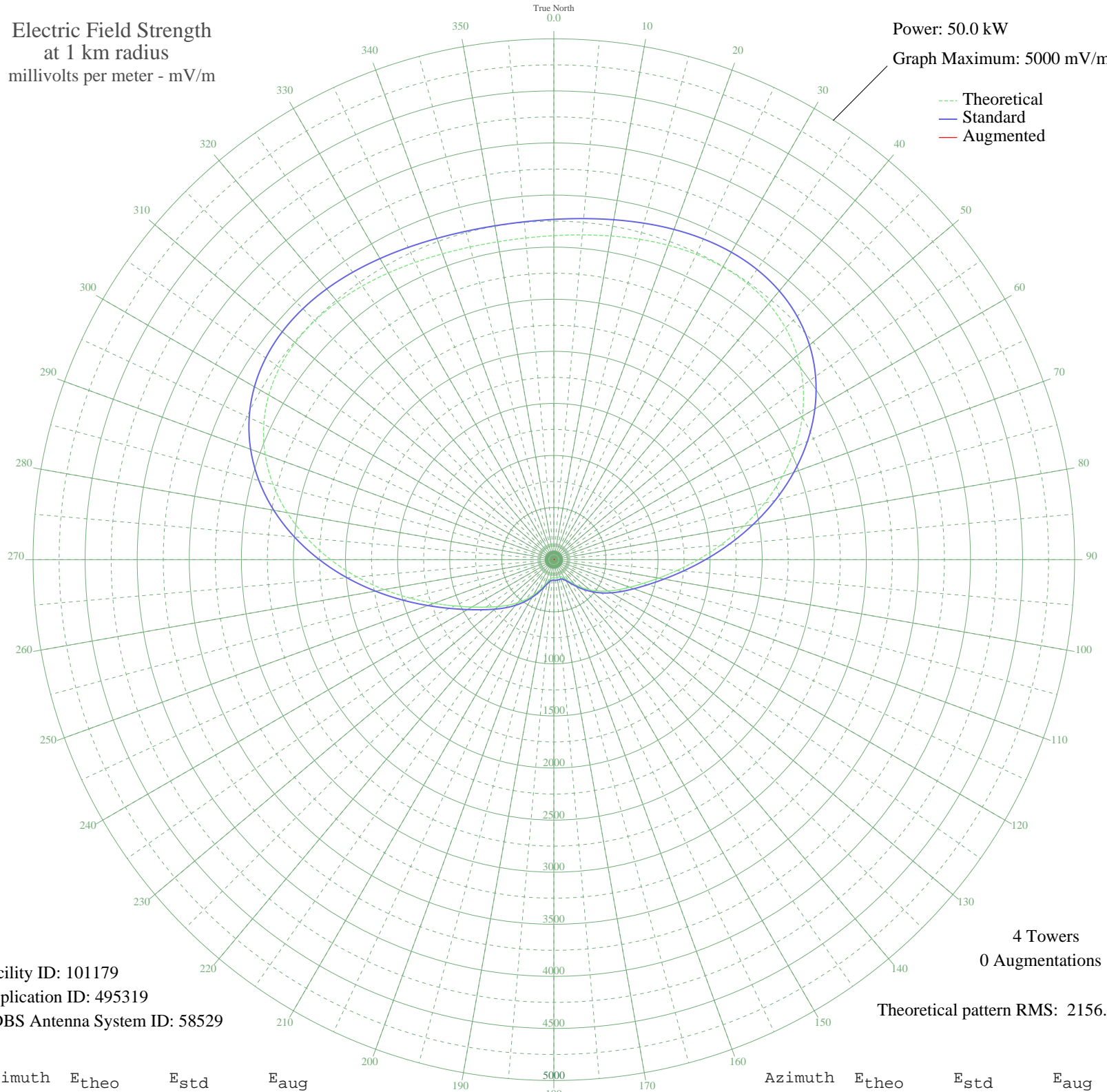


# CJRC OTTAWA, ON Canada -- 1150 kHz

Daytime

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

Power: 50.0 kW  
Graph Maximum: 5000 mV/m



Facility ID: 101179  
Application ID: 495319  
CDBS Antenna System ID: 58529

4 Towers  
0 Augmentations  
Theoretical pattern RMS: 2156.52

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	3110.24	3266.60	
5	3129.34	3286.65	
10	3154.90	3313.48	
15	3183.82	3343.84	
20	3211.98	3373.40	
25	3234.31	3396.84	
30	3244.99	3408.05	
35	3237.77	3400.47	
40	3206.49	3367.63	
45	3145.64	3303.76	
50	3051.10	3204.51	
55	2920.74	3067.68	
60	2755.04	2893.74	
65	2557.37	2686.27	
70	2334.07	2451.89	
75	2094.05	2200.01	
80	1848.15	1941.98	
85	1608.01	1690.04	
90	1384.72	1455.85	
95	1187.18	1248.74	
100	1020.44	1074.03	
105	884.55	931.74	
110	774.69	816.80	
115	683.04	721.02	
120	601.64	636.07	
125	524.75	555.97	
130	449.79	478.08	
135	377.24	403.00	
140	309.90	333.76	
145	252.19	275.01	
150	209.09	231.76	
155	183.81	206.79	
160	174.51	197.70	
165	174.31	197.51	
170	176.02	199.18	
175	175.77	198.94	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	174.00	197.21	
185	175.38	198.55	
190	187.44	210.35	
195	216.33	238.98	
200	262.72	285.67	
205	322.75	346.93	
210	391.45	417.67	
215	464.64	493.49	
220	539.94	571.78	
225	617.42	652.53	
230	700.31	739.07	
235	794.93	837.97	
240	909.43	957.78	
245	1051.24	1106.30	
250	1224.31	1287.67	
255	1427.55	1500.77	
260	1655.02	1739.36	
265	1897.24	1993.48	
270	2142.89	2251.26	
275	2380.38	2500.50	
280	2599.20	2730.17	
285	2790.88	2931.37	
290	2949.69	3098.07	
295	3072.84	3227.33	
300	3160.40	3319.25	
305	3214.95	3376.52	
310	3240.95	3403.81	
315	3244.08	3407.10	
320	3230.58	3392.92	
325	3206.64	3367.79	
330	3177.95	3337.67	
335	3149.41	3307.71	
340	3124.93	3282.01	
345	3107.40	3263.61	
350	3098.69	3254.47	
355	3099.67	3255.50	

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.

10 Nov 2011

Prepared by Audio Division, Media Bureau  
Federal Communications Commission