Performance cyclonedds
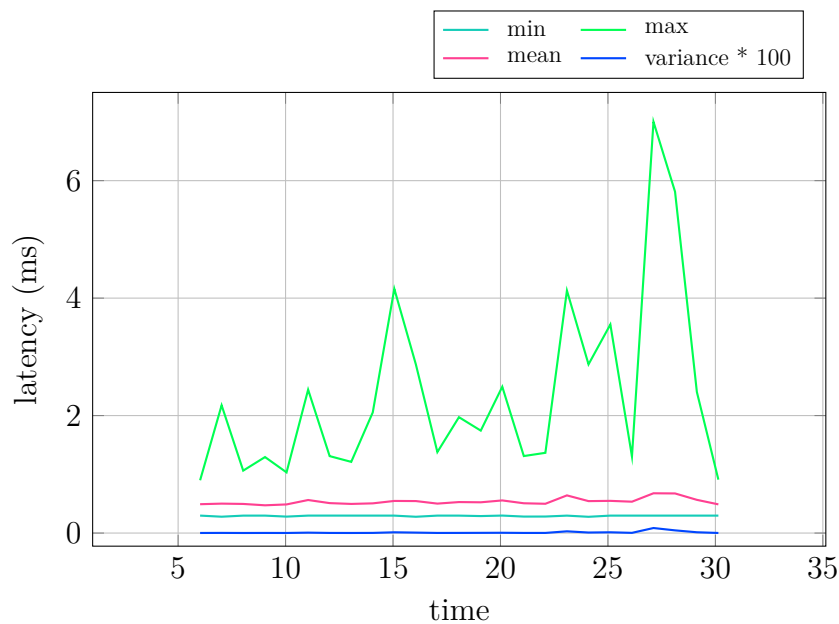
Latencies
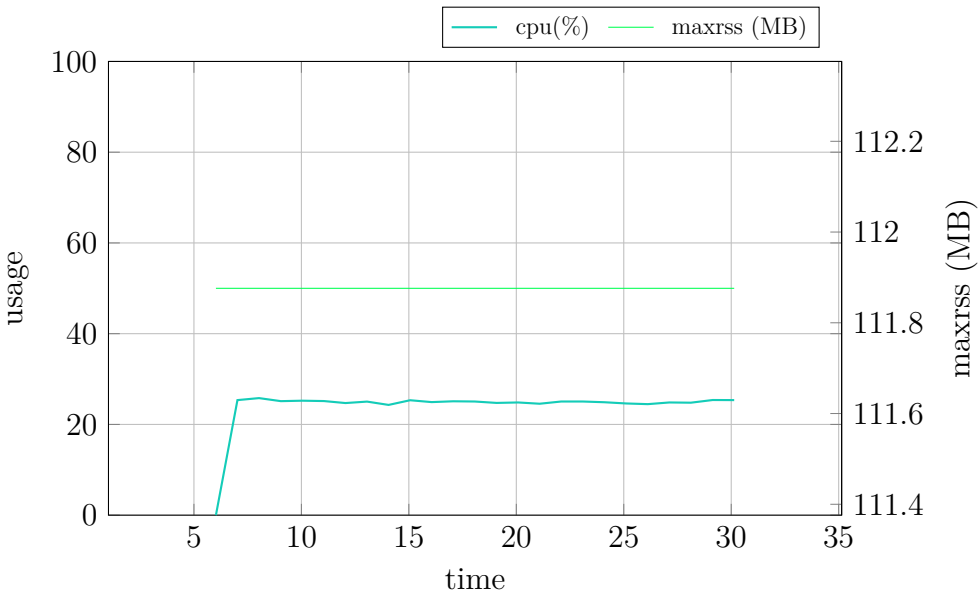
Resource usage (man getrusage)

test setup			average results			environment	
Performance Test Version			Experiment Status	success		Ignore seconds from beginning	5
Publishing rate	0		T_loop	1.0047		Memory check enabled	0
Topic name	Struct32k		received	9669.72		Msg name	Struct32k
Number of publishers	1		sent	3223.24		QOS Durability	VOLATILE
Number of subscribers	3		lost	0.0		QOS History depth	100
Maximum runtime (sec)	30		relative_loss	0.0		QOS History kind	KEEP_LAST
DDS domain id	0		data_received	654993636.12		QOS Reliability	RELIABLE
Single participant	-		latency_min (ms)	0.2924		QOS Sync. pub/sub	0
			latency_max (ms)	2.3502		RMW Implementation	rmw_cyclonedds_cpp
			latency_mean (ms)	0.536		Roundtrip Mode	NONE
			latency_variance (ms)	0.0001		With security	0
			pub_loop_res_min (ms)	-18080.24		Zero copy transfer	0
			pub_loop_res_max (ms)	9223000000000.0			
			pub_loop_res_mean (ms)	4611840000000.0			
			pub_loop_res_variance (ms)	2.127e+22			
			sub_loop_res_min (ms)	0.0			
			sub_loop_res_max (ms)	0.0			
			sub_loop_res_mean (ms)	0.0			
			sub_loop_res_variance (ms)	0.0			
			cpu_usage (%)	23.988			
			max_ram_usage (MB)	111.88			