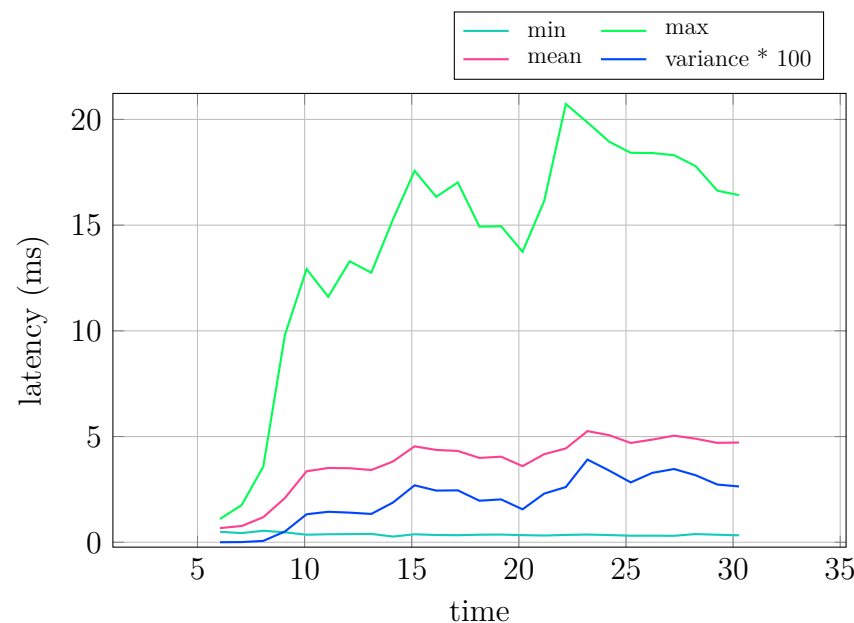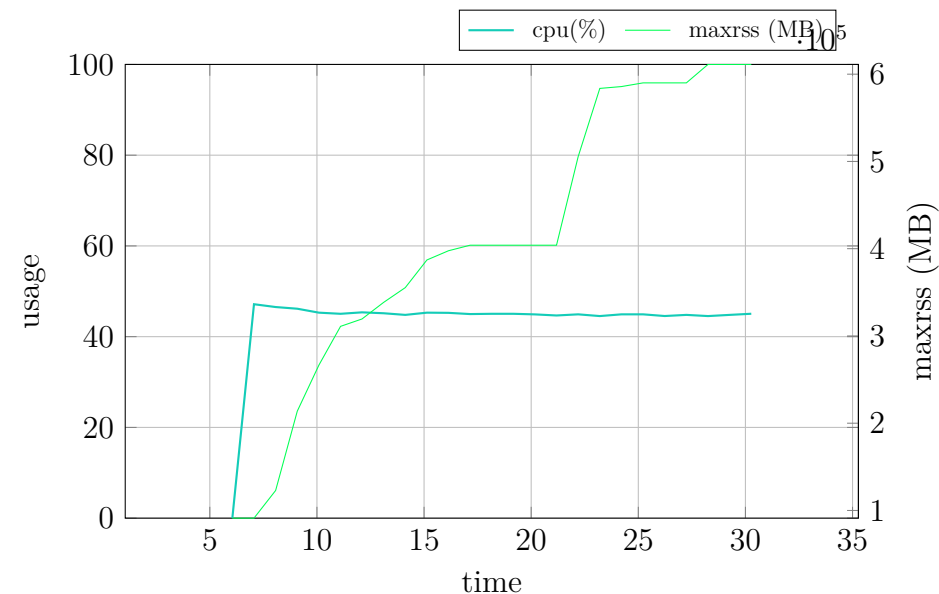# Performance cyclonedds

Logfile name	18ede834-9c17-49b8-b61a-182f87fa392c.csv
Experiment id	734c7f40-b0de-4476-bf41-bf1564861b22
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR

Latencies

Resource usage (man getrusage)

test setup			**average results**			**environment**	
Performance Test Version	2fc8cc2-dirty		Experiment Status	success		Ignore seconds from beginning	5
Publishing rate	0		T_loop	1.0092		Memory check enabled	0
Topic name	Array2m		received	9019.84		Msg name	Array2m
Number of publishers	1		sent	3007.24		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	18919360833.92		QOS Reliability	RELIABLE
Single participant	-		latency_min (ms)	0.3681		QOS Sync. pub/sub	0
			latency_max (ms)	14.3322		RMW Implementation	rmw_cyclonedds_cpp
			latency_mean (ms)	3.8008		Roundtrip Mode	NONE
			latency_variance (ms)	0.0206		With security	0
			pub_loop_res_min (ms)	-18167.56		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 (%)	43.3484			
			max_ram_usage (MB)	611155.97			