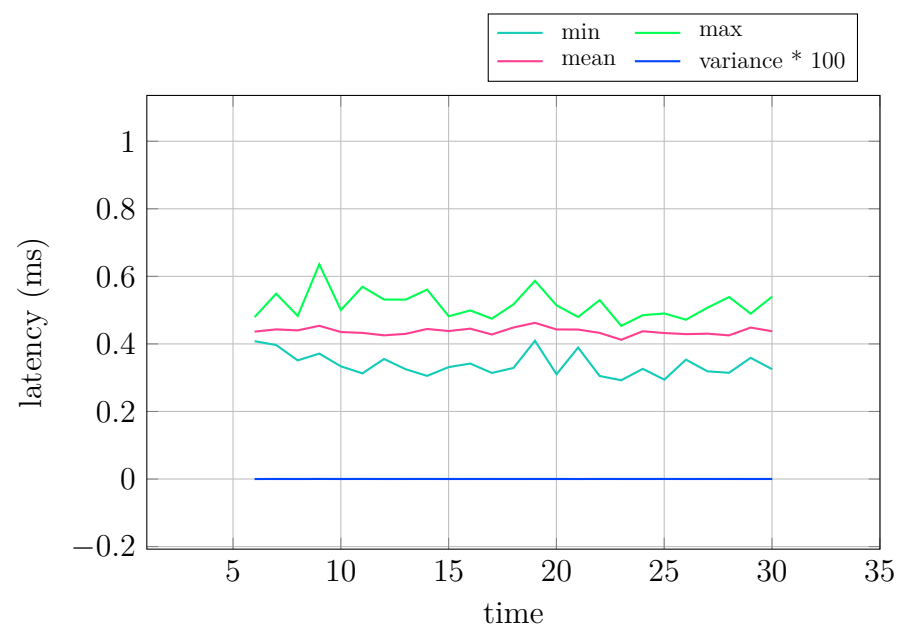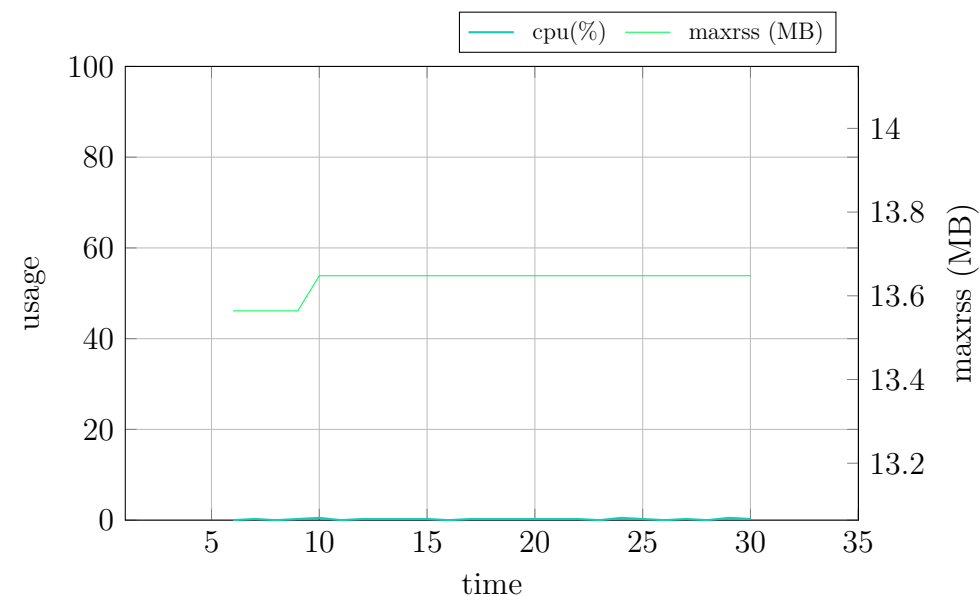# Performance cyclonedds

Logfile name	558d7343-21d0-46d8-971f-f5e44cb921e4.csv
Experiment id	df4da8a9-5c19-47ab-bc0d-fca13003621c
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR

Latencies

legend: min, max, mean, variance * 100

Resource usage (man getrusage)

legend: cpu(%), maxrss (MB)

test setup		average results		environment	
Performance Test Version	2113db4	Experiment Status	success	Ignore seconds from beginning	5
Publishing rate	20	T_loop	1.0001	Memory check enabled	0
Topic name	Array16k	received	19.04	Msg name	Array16k
Number of publishers	0	sent	0.0	QOS Durability	VOLATILE
Number of subscribers	1	lost	0.0	QOS History depth	100
Maximum runtime (sec)	30	relative_loss	nan	QOS History kind	KEEP_LAST
DDS domain id	0	data_received	328533.04	QOS Reliability	RELIABLE
Single participant	-	latency_min (ms)	0.3389	QOS Sync. pub/sub	0
		latency_max (ms)	0.5159	RMW Implementation	rmw_cyclonedds_cpp
		latency_mean (ms)	0.4373	Roundtrip Mode	NONE
		latency_variance (ms)	0.0	With security	0
		pub_loop_res_min (ms)	inf	Zero copy transfer	0
		pub_loop_res_max (ms)	-inf		
		pub_loop_res_mean (ms)	0.0		
		pub_loop_res_variance (ms)	0.0		
		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 (%)	0.2099		
		max_ram_usage (MB)	13.65		