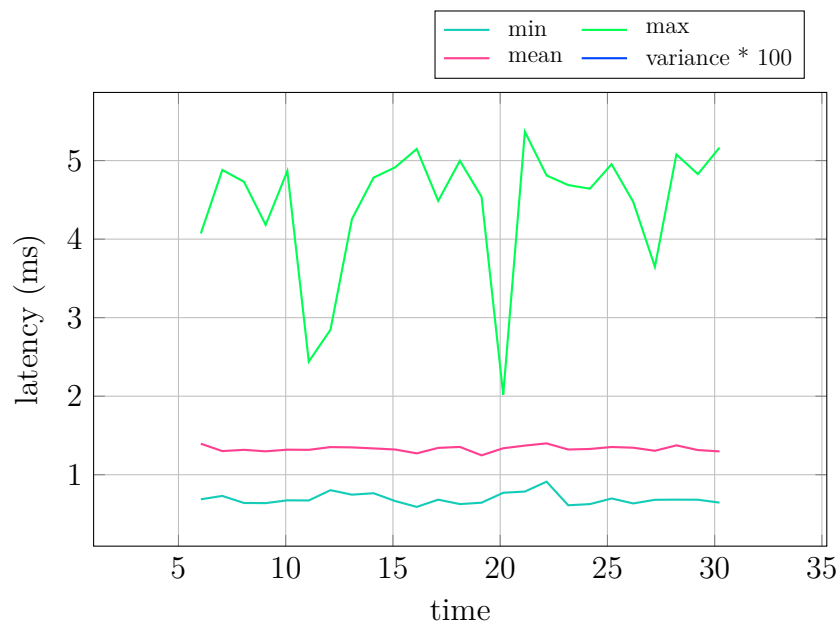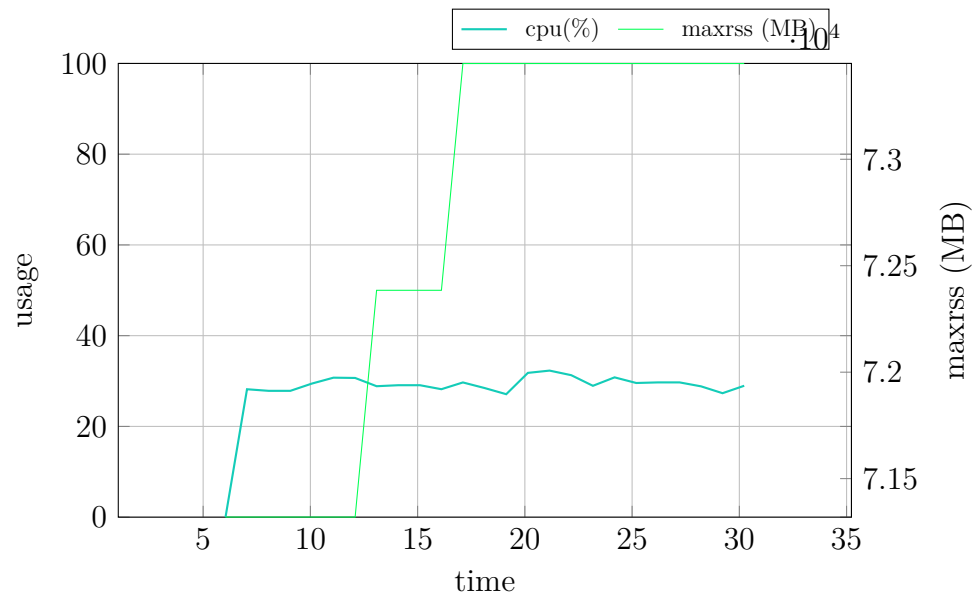# Performance cyclonedds

Logfile name	55294b77-a705-4eb8-89d3-08a74527d1c0.csv
Experiment id	773089ac-82df-400c-866f-aba167055e3c
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	500	T_loop	1.0076	Memory check enabled	0
Topic name	PointCloud1m	received	4991.6	Msg name	PointCloud1m
Number of publishers	0	sent	0.0	QOS Durability	VOLATILE
Number of subscribers	10	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	5255067827.64	QOS Reliability	RELIABLE
Single participant	-	latency_min (ms)	0.6916	QOS Sync. pub/sub	0
		latency_max (ms)	4.4328	RMW Implementation	rmw_cyclonedds_cpp
		latency_mean (ms)	1.3304	Roundtrip Mode	NONE
		latency_variance (ms)	0.0001	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 (%)	28.1776		
		max_ram_usage (MB)	73449.47		