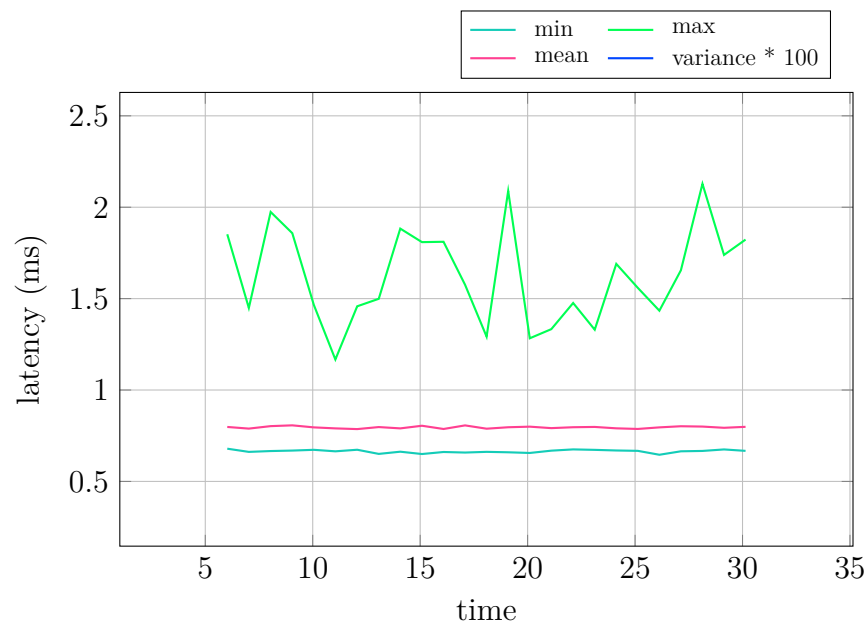
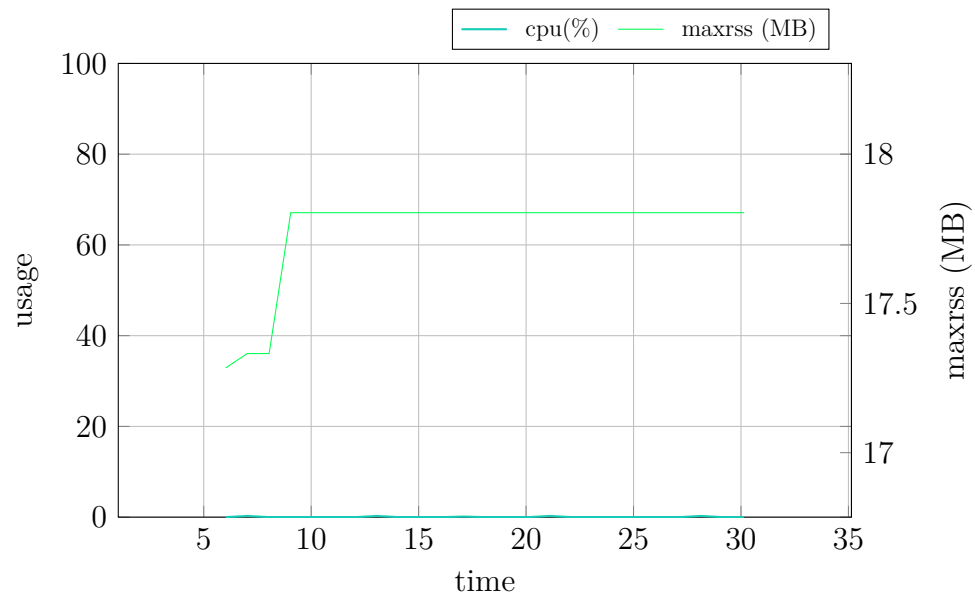


# Performance cyclonedds

Logfile name	1486c4ad-2c6a-407e-8687-a9e75a3937a2.csv
Experiment id	5328fa31-a397-40d9-b9ee-3046611cfdca
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage ([man getrusage](#))

## test setup

Performance Test Version	
Publishing rate	500
Topic name	PointCloud1m
Number of publishers	1
Number of subscribers	1
Maximum runtime (sec)	30
DDS domain id	0
Single participant	-

## average results

Experiment Status	success
T_loop	1.0047
received	499.48
sent	499.52
lost	0.0
relative_loss	0.0
data_received	525525192.12
latency_min (ms)	0.6646
latency_max (ms)	1.6253
latency_mean (ms)	0.7956
latency_variance (ms)	0.0
pub_loop_res_min (ms)	-11.55
pub_loop_res_max (ms)	1.5304
pub_loop_res_mean (ms)	-4.475
pub_loop_res_variance (ms)	0.012
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 (%)	0.0468
max_ram_usage (MB)	17.8

## environment

Ignore seconds from beginning	5
Memory check enabled	0
Msg name	PointCloud1m
QOS Durability	VOLATILE
QOS History depth	100
QOS History kind	KEEP_LAST
QOS Reliability	RELIABLE
QOS Sync. pub/sub	0
RMW Implementation	rmw_cyclonedds_cpp
Roundtrip Mode	NONE
With security	0
Zero copy transfer	0