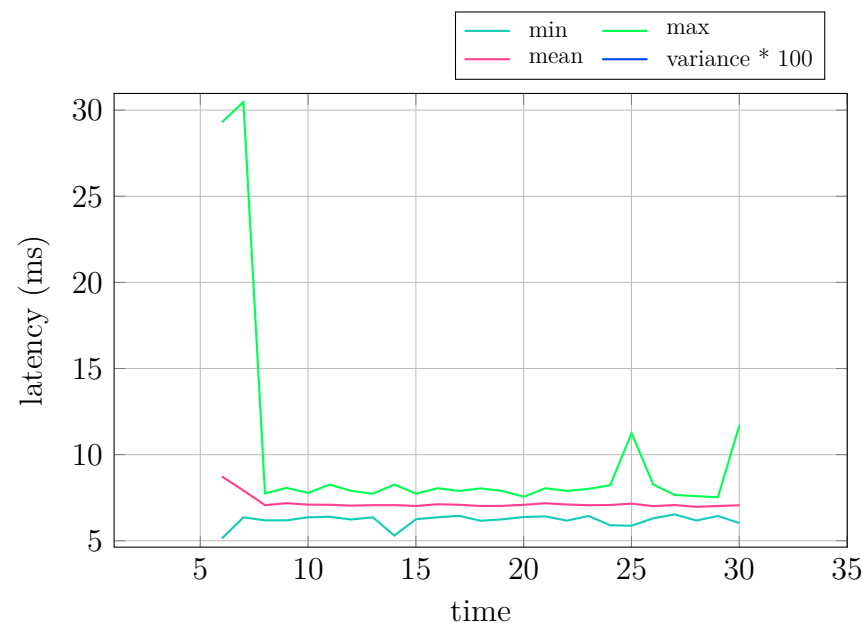
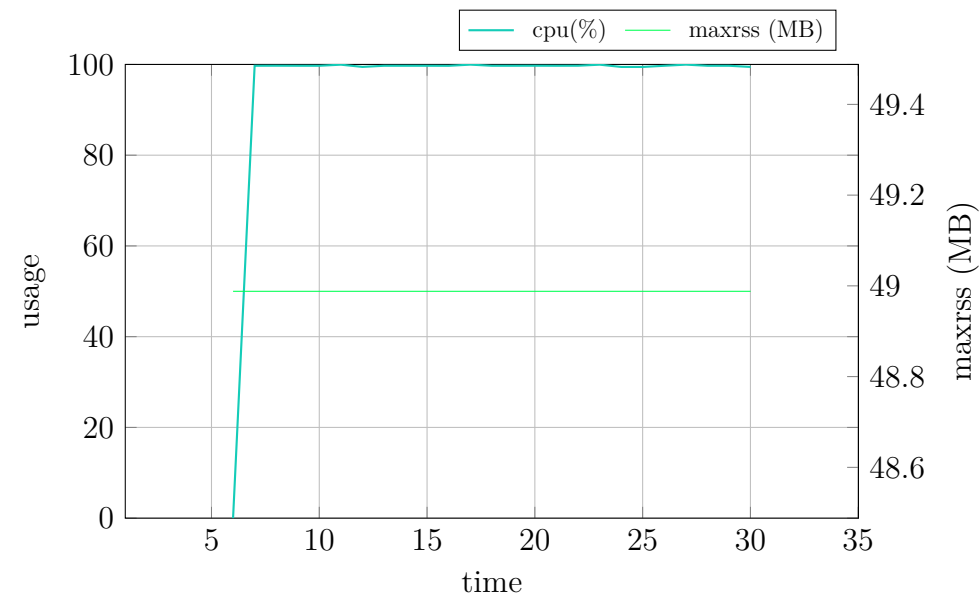


# Performance fastrtps

Logfile name	da0e8eca-ceb3-4689-a3a2-cf96399f1731.csv
Experiment id	300fe868-193c-4e39-bdd2-6d29b38edd01
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage ([man getrusage](#))

## test setup

Performance Test Version	2113db4
Publishing rate	500
Topic name	PointCloud1m
Number of publishers	1
Number of subscribers	3
Maximum runtime (sec)	30
DDS domain id	0
Single participant	-

## average results

Experiment Status	success
T_loop	1.0001
received	950.28
sent	316.76
lost	0.0
relative_loss	0.0
data_received	1001513658.28
latency_min (ms)	6.1846
latency_max (ms)	9.9533
latency_mean (ms)	7.173
latency_variance (ms)	0.0011
pub_loop_res_min (ms)	-6655.52
pub_loop_res_max (ms)	-6292.04
pub_loop_res_mean (ms)	-6474.0
pub_loop_res_variance (ms)	11.0252
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 (%)	95.7204
max_ram_usage (MB)	48.99

## 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_fastrtps_cpp
Roundtrip Mode	NONE
With security	0
Zero copy transfer	0