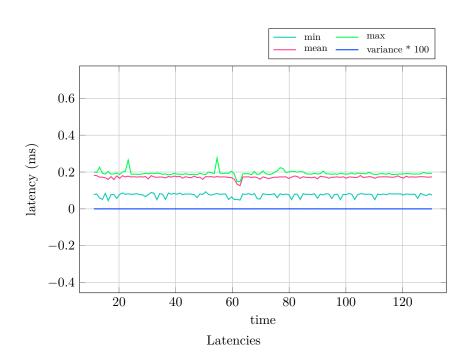
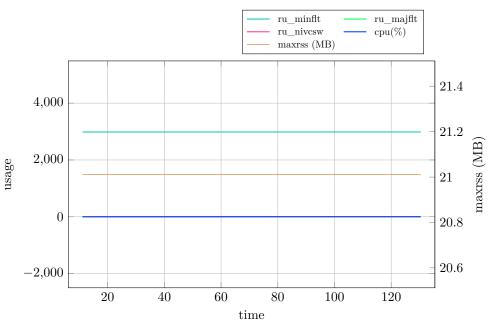
# Performance

Logfile namelog\_test\_topic\_28-11-2020\_22-33-23Experiment idb1abed76-9ec8-4f6e-8df3-2f7d0d4fd8e6Communication meanROS2





Resource usage (man getrusage)

# test setup

# Performance Test Version 80ff298 Publishing rate 50 Topic name test\_topic Number of publishers 1 Number of subscribers 1 Maximum runtime (sec) 130 DDS domain id 0 Single participant -

# average results

Experiment Status	success
T_loop	1.0107
received	49.5462
sent	49.5294
lost	0.0
relative_loss	0.0
data_received	26403.6723
latency_min (ms)	0.0748
latency_max (ms)	0.1935
latency_mean (ms)	0.1714
latency_variance (ms)	0.0
pub_loop_res_min (ms)	19.4232
pub_loop_res_max (ms)	19.8664
pub_loop_res_mean (ms)	19.539
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 (%)	0.2022

# environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	Struct256
QOS Durability	VOLATILE
QOS History depth	1000
QOS History kind	KEEP_ALL
QOS Reliability	BEST_EFFORT
QOS Sync. pub/sub	0
RMW Implementation	rmw_cyclonedds_cpp
Roundtrip Mode	NONE
With security	0