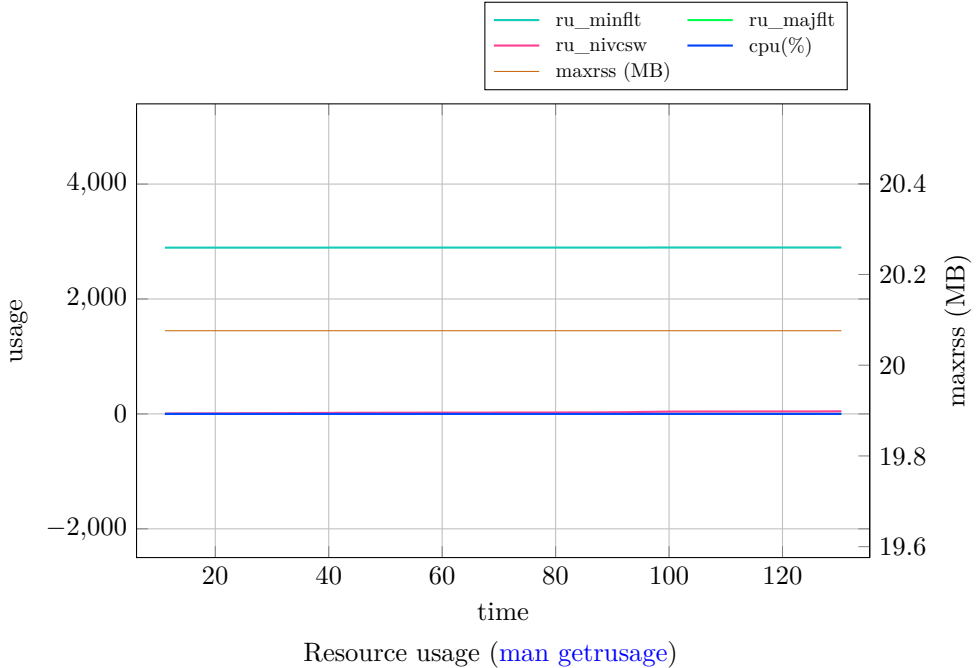
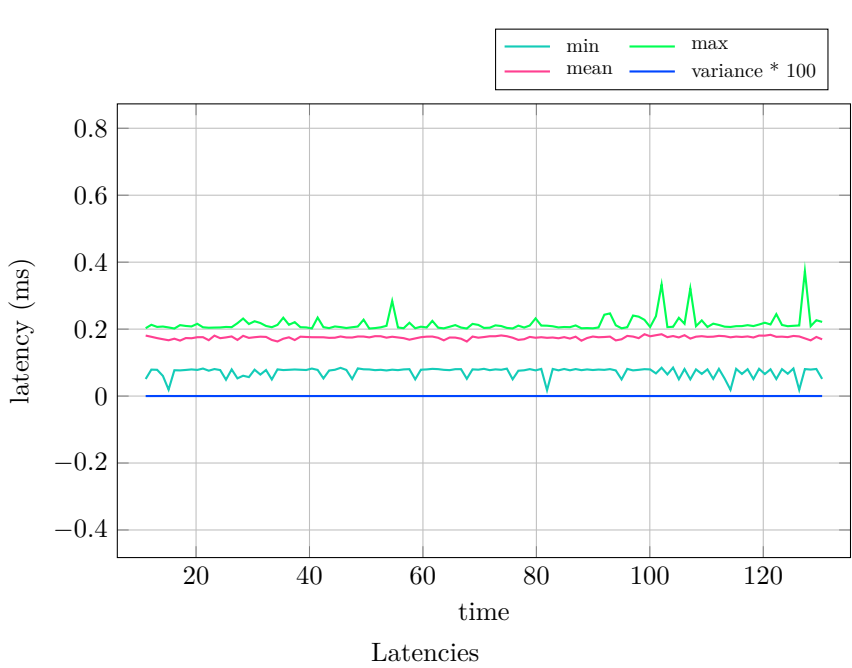


# Performance

|                    |                                      |
|--------------------|--------------------------------------|
| Logfile name       | log_test_topic_28-11-2020_22-17-25   |
| Experiment id      | 9a1dc0a0-799b-4fc9-9ded-711ce0f9a9b9 |
| Communication mean | ROS2                                 |



## 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                     | 1.0105      |
| received                   | 49.5378     |
| sent                       | 49.5378     |
| lost                       | 0.0         |
| relative_loss              | 0.0         |
| data_received              | 205665.8824 |
| latency_min (ms)           | 0.072       |
| latency_max (ms)           | 0.2158      |
| latency_mean (ms)          | 0.1751      |
| latency_variance (ms)      | 0.0         |
| pub_loop_res_min (ms)      | 19.4329     |
| pub_loop_res_max (ms)      | 19.8545     |
| pub_loop_res_mean (ms)     | 19.5345     |
| 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 (%)              | 0.2044      |

## environment

|                               |                    |
|-------------------------------|--------------------|
| Ignore seconds from beginning | 10                 |
| Memory check enabled          | 0                  |
| Msg name                      | Array4k            |
| 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                  |