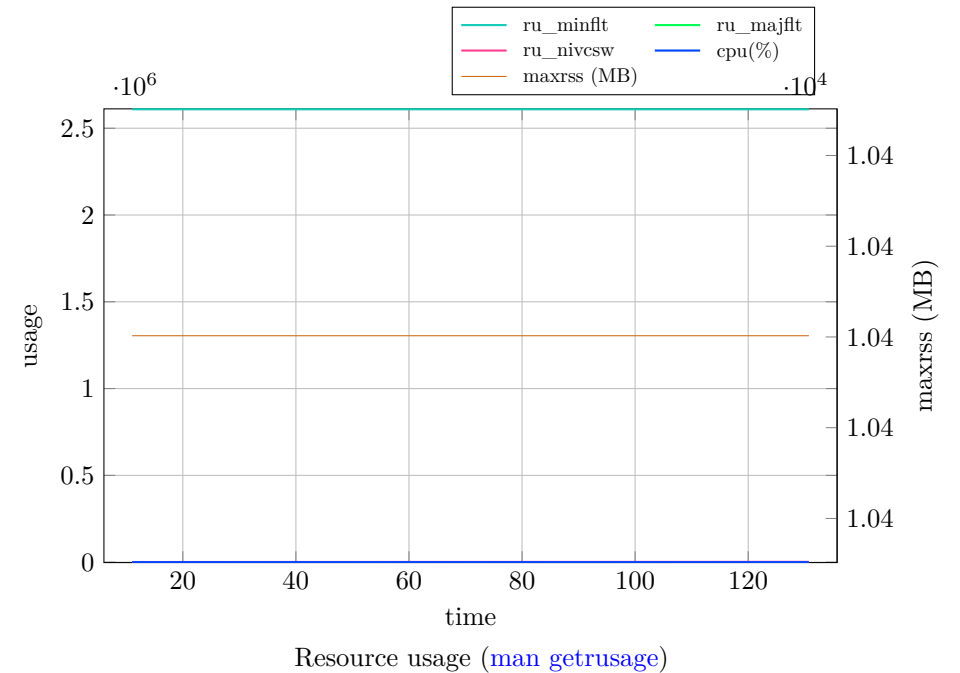
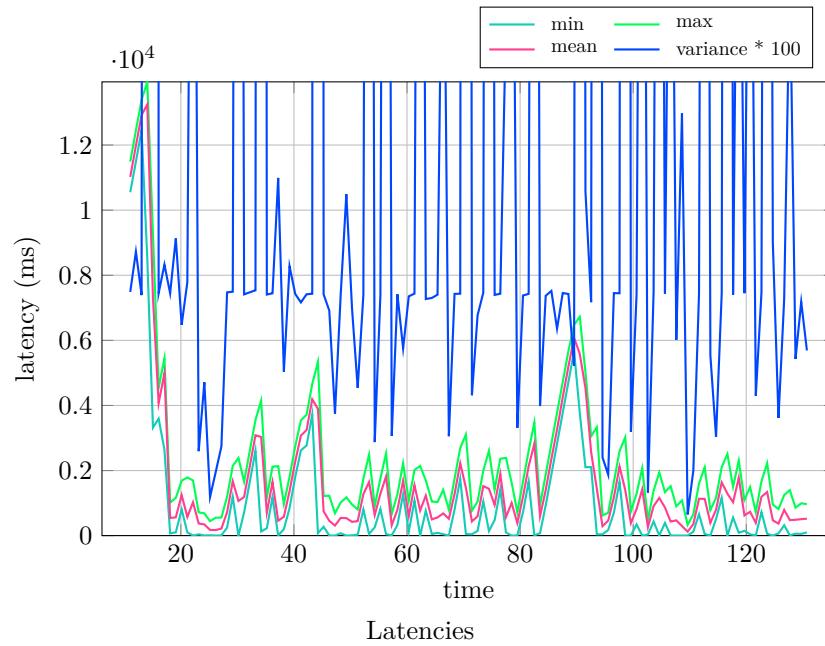


# Performance

|                    |                                      |
|--------------------|--------------------------------------|
| Logfile name       | log_test_topic_29-11-2020_22-41-48   |
| Experiment id      | e1168803-3f74-44f1-b224-1b09bb4c9993 |
| Communication mean | ROS2                                 |



## test setup

|                          |            |
|--------------------------|------------|
| Performance Test Version | 80ff298    |
| Publishing rate          | 500        |
| Topic name               | test_topic |
| Number of publishers     | 1          |
| Number of subscribers    | 10         |
| Maximum runtime (sec)    | 130        |
| DDS domain id            | 0          |
| Single participant       | -          |

## average results

|                            |                 |
|----------------------------|-----------------|
| Experiment Status          | success         |
| T_loop                     | 1.0055          |
| received                   | 3432.675        |
| sent                       | 331.9333        |
| lost                       | 0.0             |
| relative_loss              | 0.0             |
| data_received              | 7209667889.4333 |
| latency_min (ms)           | 1039.2543       |
| latency_max (ms)           | 2367.99         |
| latency_mean (ms)          | 1764.3458       |
| latency_variance (ms)      | 297.1236        |
| pub_loop_res_min (ms)      | inf             |
| pub_loop_res_max (ms)      | -inf            |
| pub_loop_res_mean (ms)     | -21456.25       |
| pub_loop_res_variance (ms) | 103.9787        |
| 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 (%)              | 20.2475         |

## environment

|                               |                  |
|-------------------------------|------------------|
| Ignore seconds from beginning | 10               |
| Memory check enabled          | 0                |
| Msg name                      | Array2m          |
| QOS Durability                | VOLATILE         |
| QOS History depth             | 1000             |
| QOS History kind              | KEEP_ALL         |
| QOS Reliability               | BEST_EFFORT      |
| QOS Sync. pub/sub             | 0                |
| RMW Implementation            | rmw_fastrtps_cpp |
| Roundtrip Mode                | NONE             |
| With security                 | 0                |