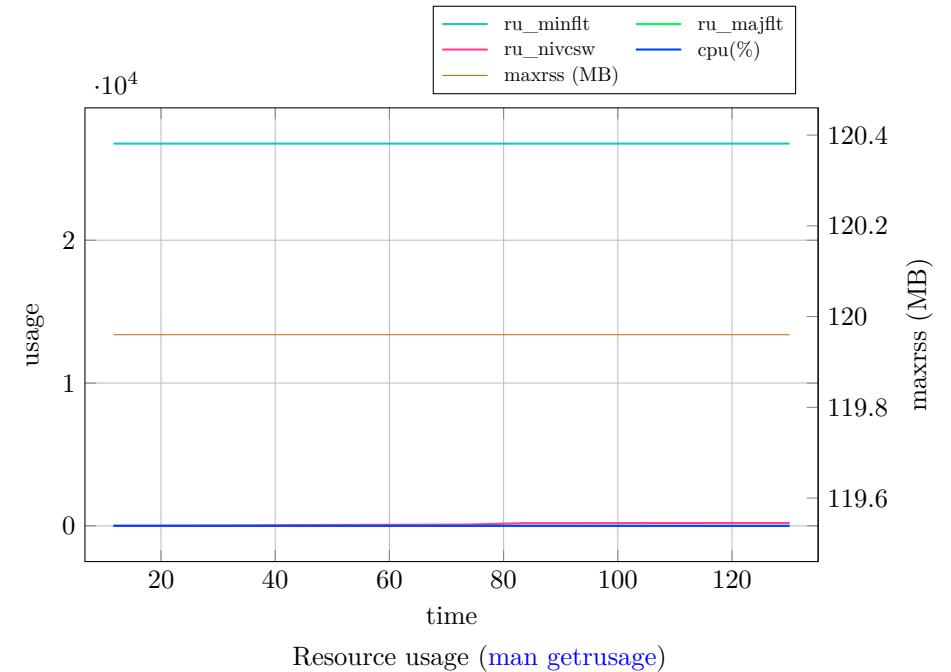
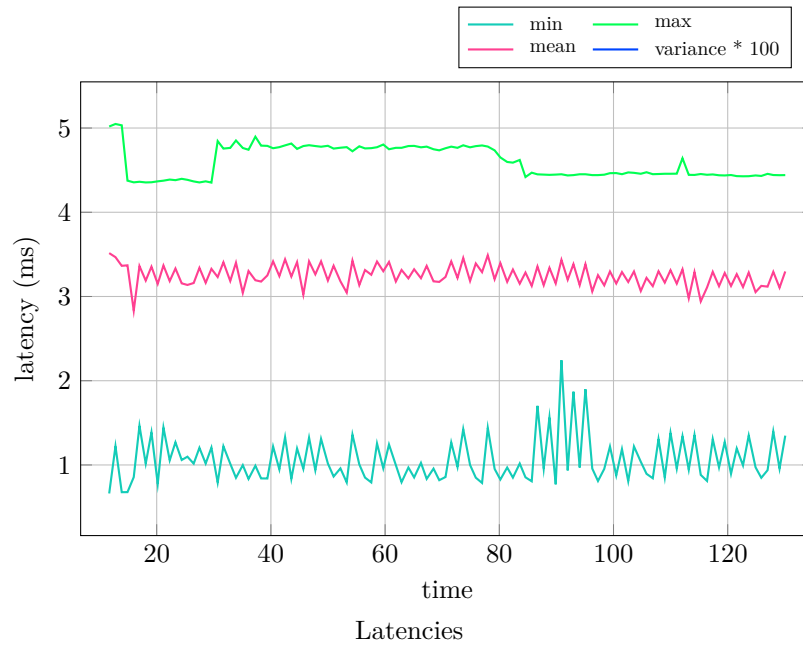


# Performance

|                    |                                       |
|--------------------|---------------------------------------|
| Logfile name       | log_test_topic_28-11-2020_12-04-17    |
| Experiment id      | d735c8a6-c56e-4837-9b19-0d84be5eachba |
| Communication mean | ROS2                                  |



## test setup

|                          |            |
|--------------------------|------------|
| Performance Test Version | 80ff298    |
| Publishing rate          | 10         |
| Topic name               | test_topic |
| Number of publishers     | 1          |
| Number of subscribers    | 5          |
| Maximum runtime (sec)    | 130        |
| DDS domain id            | 0          |
| Single participant       | -          |

## average results

|                            |                |
|----------------------------|----------------|
| Experiment Status          | success        |
| T_loop                     | 1.0667         |
| received                   | 47.5089        |
| sent                       | 9.4911         |
| lost                       | 0.0            |
| relative_loss              | 0.0            |
| data_received              | 104959109.9821 |
| latency_min (ms)           | 1.0603         |
| latency_max (ms)           | 4.596          |
| latency_mean (ms)          | 3.2481         |
| latency_variance (ms)      | 0.0009         |
| pub_loop_res_min (ms)      | 98.8504        |
| pub_loop_res_max (ms)      | 99.5089        |
| pub_loop_res_mean (ms)     | 98.9781        |
| 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 (%)              | 1.238          |

## 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                |