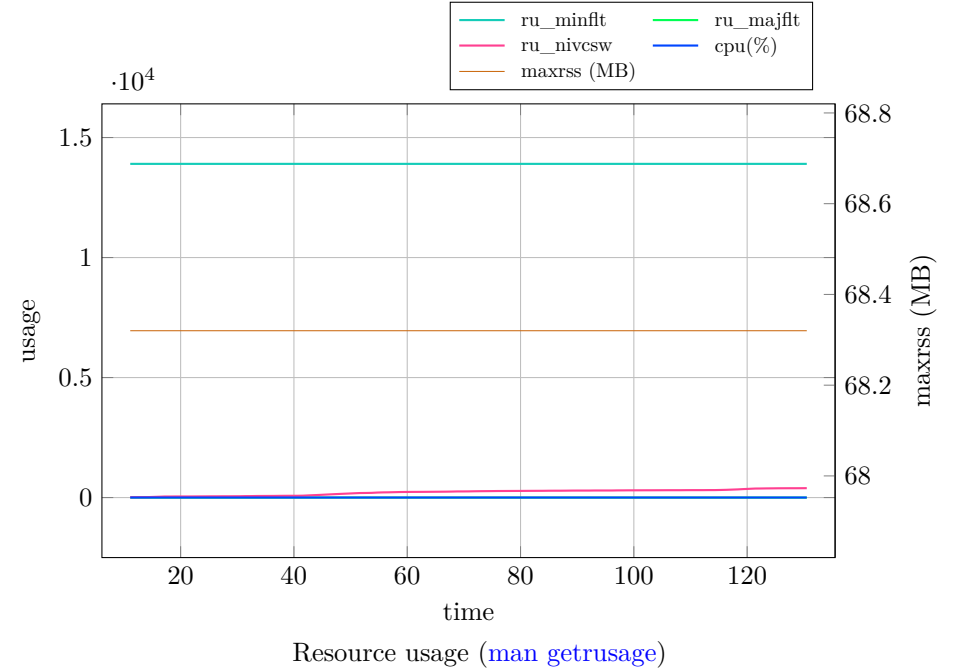
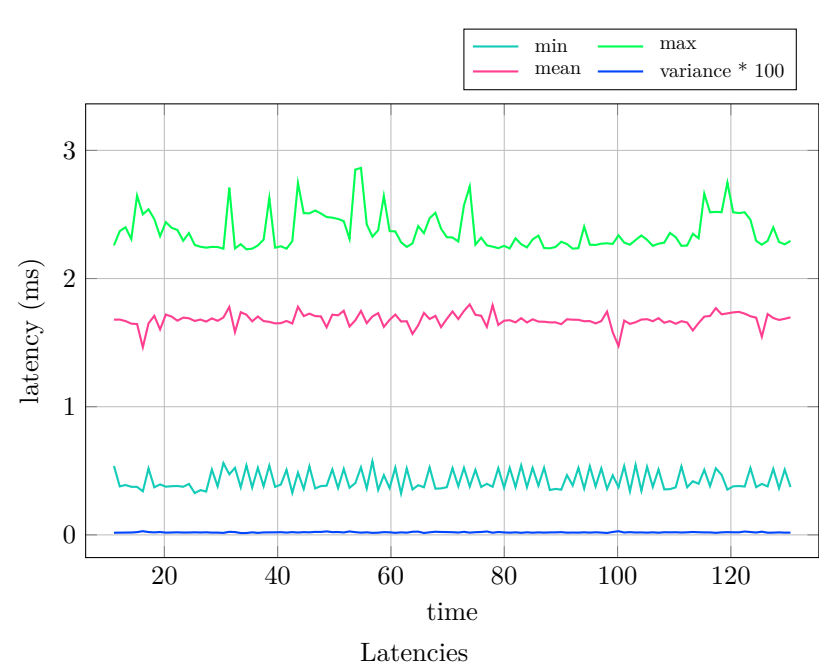


# Performance

|                    |                                      |
|--------------------|--------------------------------------|
| Logfile name       | log_test_topic_29-11-2020_11-35-54   |
| Experiment id      | f55f237c-9343-4e0f-bfa9-27874192cac5 |
| Communication mean | ROS2                                 |



## test setup

|                          |            |
|--------------------------|------------|
| Performance Test Version | 80ff298    |
| Publishing rate          | 50         |
| 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                     | 1.0117         |
| received                   | 247.5462       |
| sent                       | 49.5042        |
| lost                       | 0.0            |
| relative_loss              | 0.0            |
| data_received              | 262151865.5294 |
| latency_min (ms)           | 0.4249         |
| latency_max (ms)           | 2.3675         |
| latency_mean (ms)          | 1.6784         |
| latency_variance (ms)      | 0.0002         |
| pub_loop_res_min (ms)      | 19.1003        |
| pub_loop_res_max (ms)      | 19.761         |
| pub_loop_res_mean (ms)     | 19.2636        |
| 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 (%)              | 1.937          |

## environment

|                               |                  |
|-------------------------------|------------------|
| Ignore seconds from beginning | 10               |
| Memory check enabled          | 0                |
| Msg name                      | Array1m          |
| 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                |