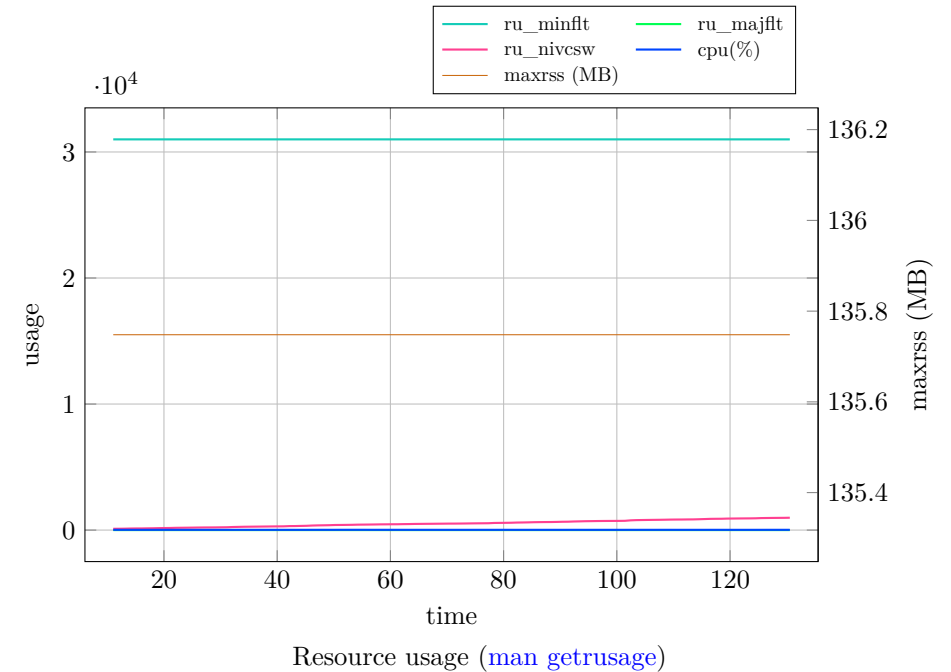
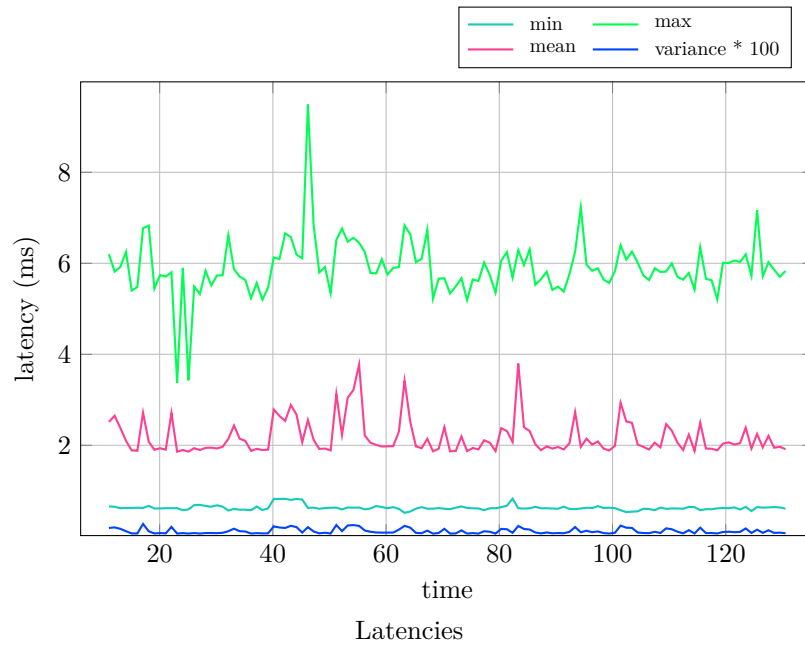


# Performance

|                    |                                      |
|--------------------|--------------------------------------|
| Logfile name       | log_test_topic_02-12-2020_06-41-19   |
| Experiment id      | fe512561-2e4e-499c-acbb-712c3a0fb5ba |
| Communication mean | ROS2                                 |



## test setup

|                          |            |
|--------------------------|------------|
| Performance Test Version | 80ff298    |
| Publishing rate          | 1000       |
| 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                     | 1.0042          |
| received                   | 3031.2583       |
| sent                       | 999.475         |
| lost                       | 6958.5833       |
| relative_loss              | 6.9622          |
| data_received              | 6368600452.5667 |
| latency_min (ms)           | 0.6283          |
| latency_max (ms)           | 5.9036          |
| latency_mean (ms)          | 2.1793          |
| latency_variance (ms)      | 0.0011          |
| pub_loop_res_min (ms)      | -6.6741         |
| pub_loop_res_max (ms)      | 0.8942          |
| pub_loop_res_mean (ms)     | -0.9362         |
| pub_loop_res_variance (ms) | 0.0026          |
| 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 (%)              | 20.1692         |

## environment

|                               |                  |
|-------------------------------|------------------|
| Ignore seconds from beginning | 10               |
| Memory check enabled          | 0                |
| Msg name                      | PointCloud2m     |
| QOS Durability                | VOLATILE         |
| QOS History depth             | 1                |
| QOS History kind              | KEEP_LAST        |
| QOS Reliability               | BEST_EFFORT      |
| QOS Sync. pub/sub             | 0                |
| RMW Implementation            | rmw_fastrtps_cpp |
| Roundtrip Mode                | NONE             |
| With security                 | 0                |