Performance cyclonedds
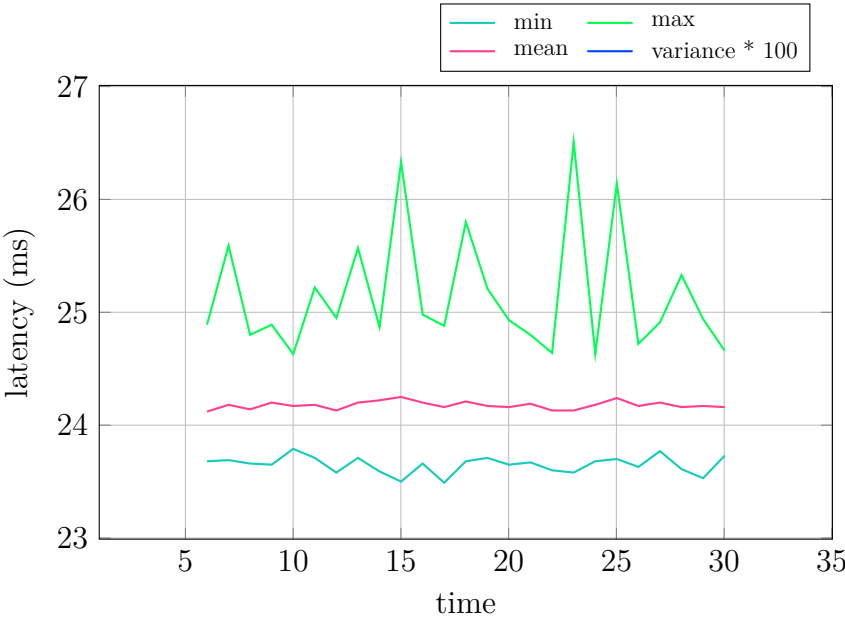
Latencies
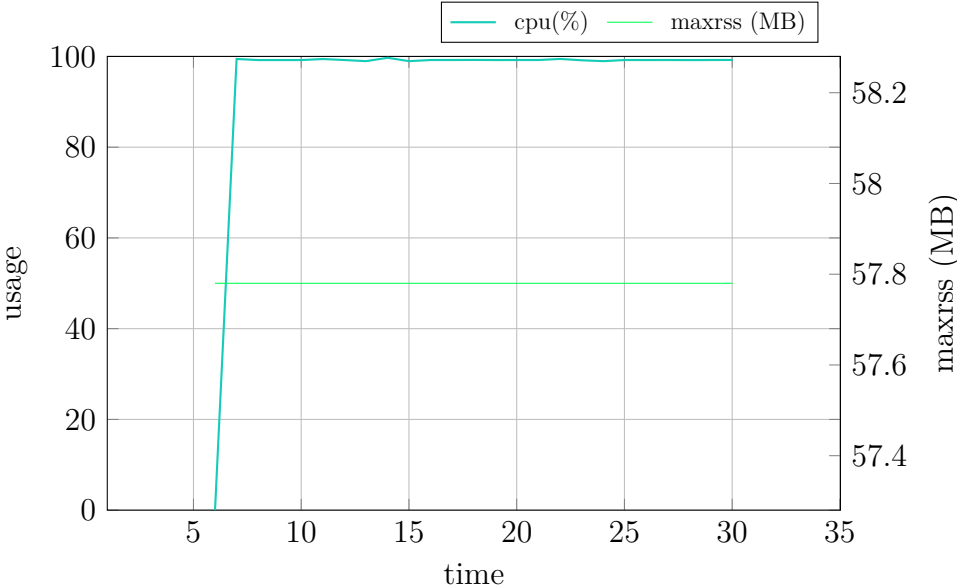
Resource usage (man getrusage)

test setup		average results		environment	
Performance Test Version	2113db4	Experiment Status	success	Ignore seconds from beginning	5
Publishing rate	500	T_loop	1.0001	Memory check enabled	0
Topic name	PointCloud4m	received	245.04	Msg name	PointCloud4m
Number of publishers	1	sent	81.68	QOS Durability	VOLATILE
Number of subscribers	3	lost	0.0	QOS History depth	100
Maximum runtime (sec)	30	relative_loss	0.0	QOS History kind	KEEP_LAST
DDS domain id	0	data_received	1039956121.0	QOS Reliability	RELIABLE
Single participant	-	latency_min (ms)	23.65	QOS Sync. pub/sub	0
		latency_max (ms)	25.1528	RMW Implementation	rmw_cyclonedds_cpp
		latency_mean (ms)	24.1768	Roundtrip Mode	NONE
		latency_variance (ms)	0.0001	With security	0
		pub_loop_res_min (ms)	-15082.0	Zero copy transfer	0
		pub_loop_res_max (ms)	-14257.12		
		pub_loop_res_mean (ms)	-14670.88		
		pub_loop_res_variance (ms)	58.038		
		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 (%)	95.2548		
		max_ram_usage (MB)	57.78		