Performance cyclonedds
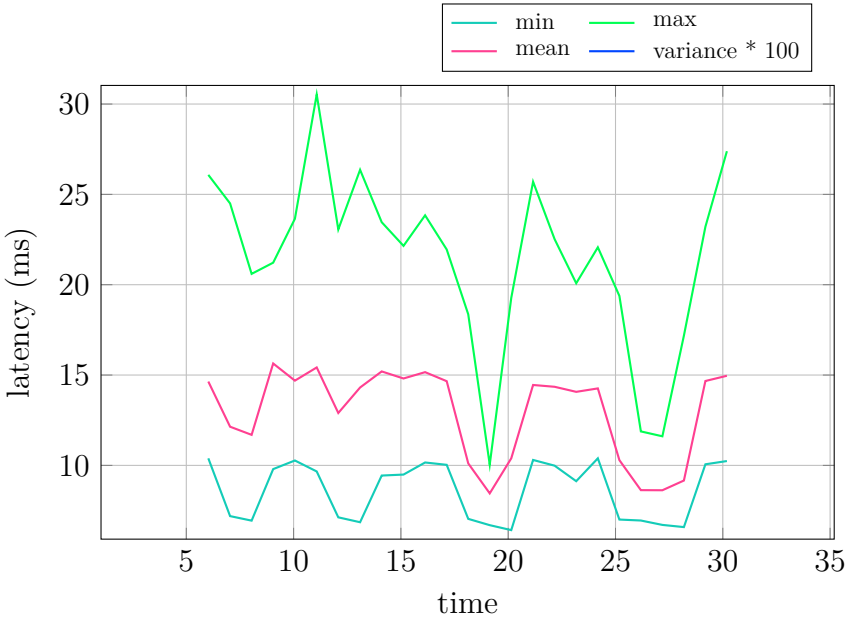
Latencies
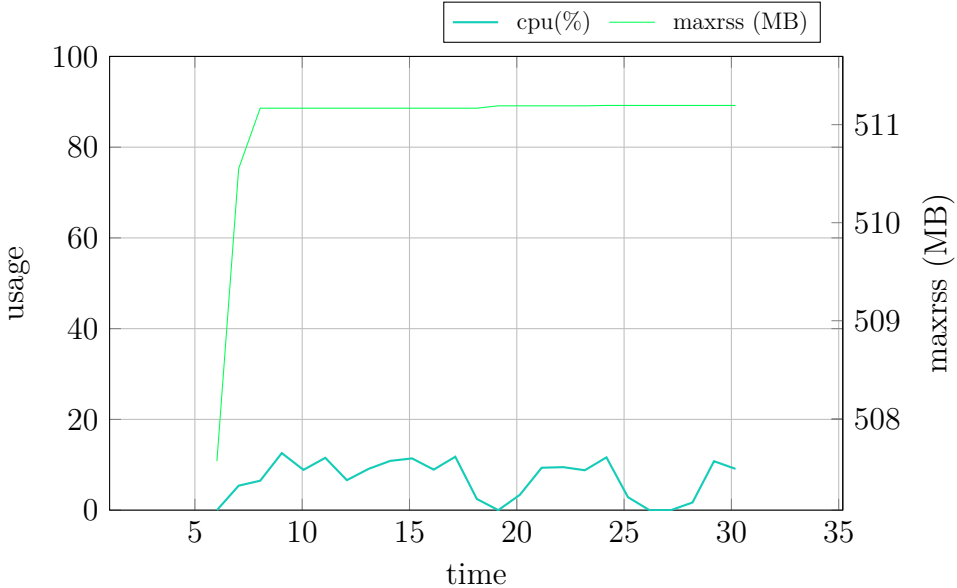
Resource usage (man getrusage)

test setup		average results		environment	
Performance Test Version		Experiment Status	success	Ignore seconds from beginning	5
Publishing rate	20	T_loop	1.0067	Memory check enabled	0
Topic name	PointCloud4m	received	191.28	Msg name	PointCloud4m
Number of publishers	1	sent	19.12	QOS Durability	VOLATILE
Number of subscribers	10	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	838963165.88	QOS Reliability	RELIABLE
Single participant	-	latency_min (ms)	8.5931	QOS Sync. pub/sub	0
		latency_max (ms)	21.4436	RMW Implementation	rmw_cyclonedds_cpp
		latency_mean (ms)	12.9469	Roundtrip Mode	NONE
		latency_variance (ms)	0.008	With security	0
		pub_loop_res_min (ms)	20.0802	Zero copy transfer	0
		pub_loop_res_max (ms)	41.556		
		pub_loop_res_mean (ms)	31.6956		
		pub_loop_res_variance (ms)	0.0337		
		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 (%)	6.9212		
		max_ram_usage (MB)	511.2		