Performance cyclonedds
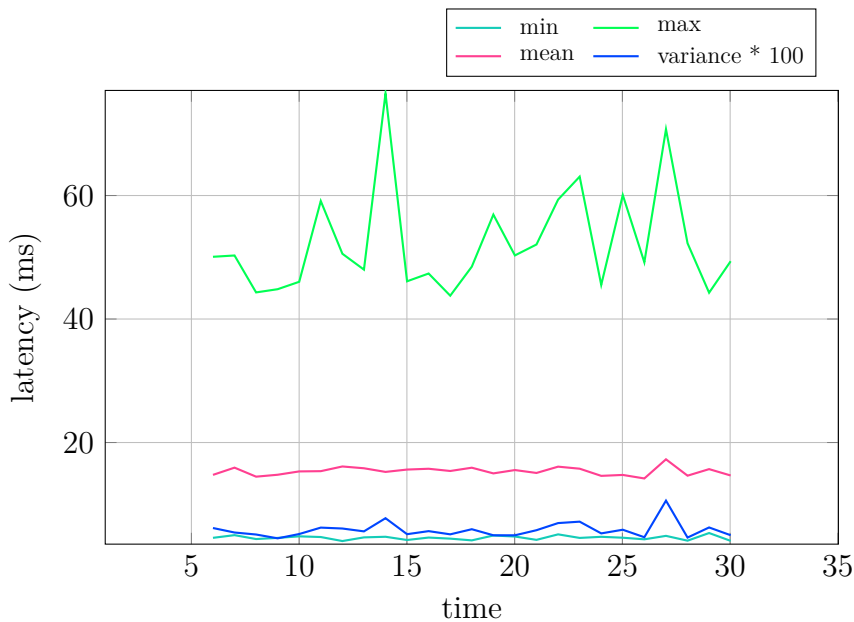
Latencies
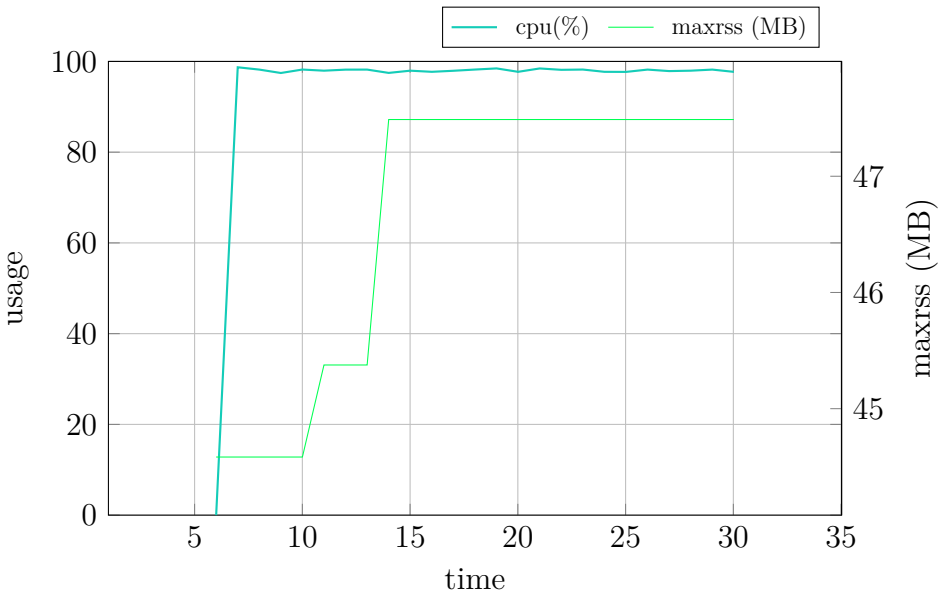
Resource usage (man getrusage)

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	PointCloud1m	received	1116.68	Msg name	PointCloud1m
Number of publishers	1	sent	111.72	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	1183079305.88	QOS Reliability	RELIABLE
Single participant	-	latency_min (ms)	4.5788	QOS Sync. pub/sub	0
		latency_max (ms)	52.3432	RMW Implementation	rmw_cyclonedds_cpp
		latency_mean (ms)	15.3496	Roundtrip Mode	NONE
		latency_variance (ms)	0.0584	With security	0
		pub_loop_res_min (ms)	-14082.2	Zero copy transfer	0
		pub_loop_res_max (ms)	-13316.36		
		pub_loop_res_mean (ms)	-13697.12		
		pub_loop_res_variance (ms)	50.2192		
		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 (%)	94.1008		
		max_ram_usage (MB)	47.49		