Performance cyclonedds
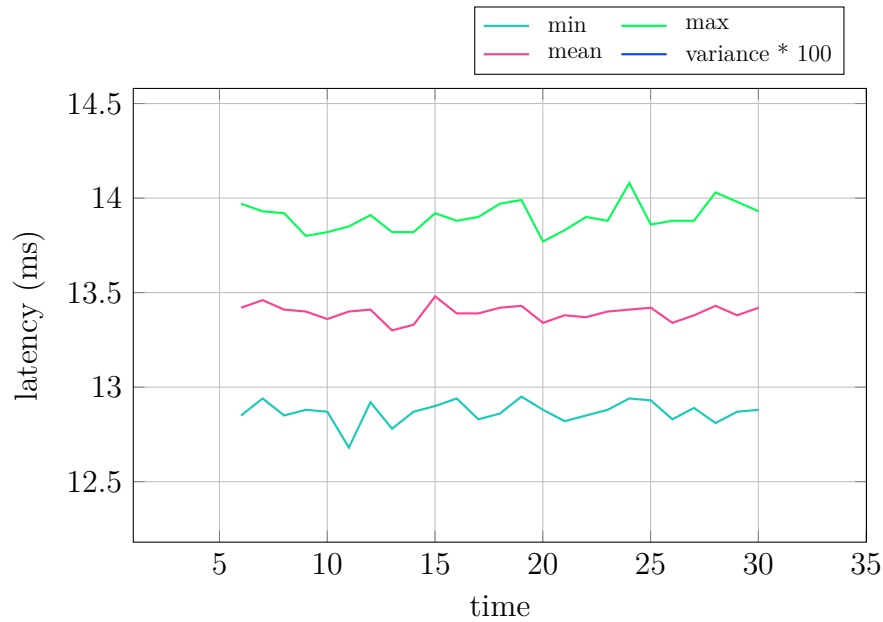
Latencies
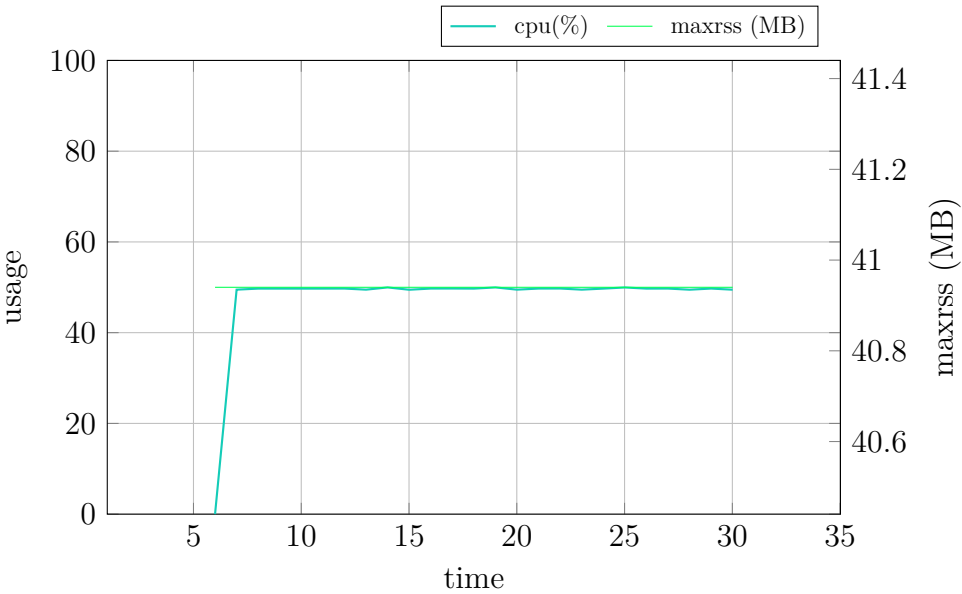
Resource usage (man getrusage)

test setup		average results		environment	
Performance Test Version	2113db4	Experiment Status	success	Ignore seconds from beginning	5
Publishing rate	500	T_loop	1.0002	Memory check enabled	0
Topic name	PointCloud4m	received	146.32	Msg name	PointCloud4m
Number of publishers	1	sent	146.32	QOS Durability	VOLATILE
Number of subscribers	1	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	617894707.92	QOS Reliability	RELIABLE
Single participant	-	latency_min (ms)	12.868	QOS Sync. pub/sub	0
		latency_max (ms)	13.9008	RMW Implementation	rmw_cyclonedds_cpp
		latency_mean (ms)	13.3948	Roundtrip Mode	NONE
		latency_variance (ms)	0.0001	With security	0
		pub_loop_res_min (ms)	-12726.84	Zero copy transfer	0
		pub_loop_res_max (ms)	-12024.68		
		pub_loop_res_mean (ms)	-12376.0		
		pub_loop_res_variance (ms)	41.52		
		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 (%)	47.69		
		max_ram_usage (MB)	40.94		