

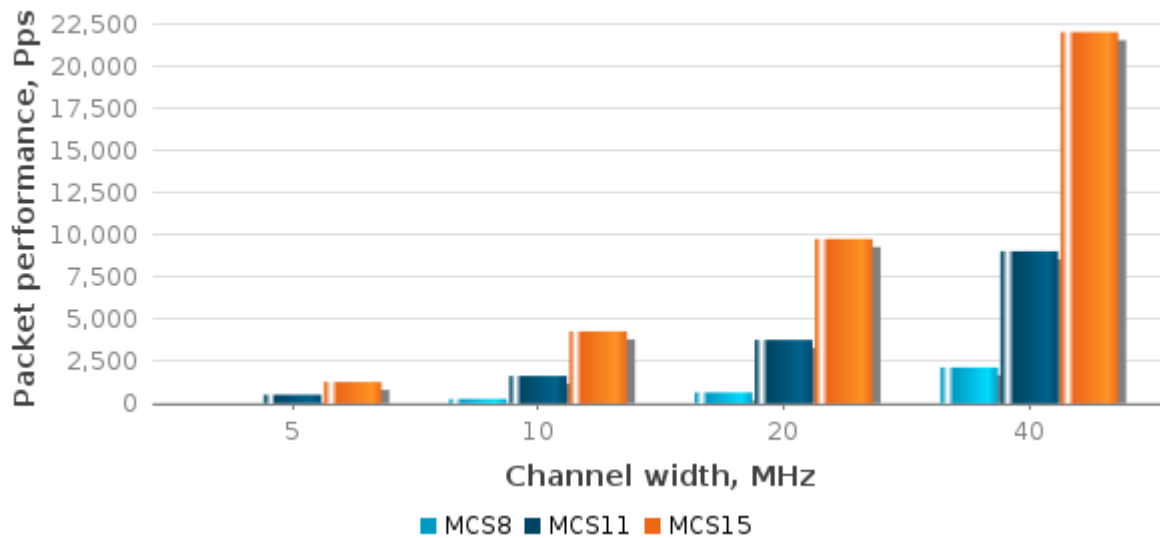
Packet performance

- Packet performance dependence on channel width (packet size - 1518 bytes, max. distance - 10km)
- Packet performance dependence on packet size (modulation - QAM64 5/6, max. distance - 10km)
- Packet performance dependence on frame period (modulation QAM64 5/6, packet size 1518 bytes)
- Packet performance dependence maximal distance (packet size 1518 bytes, frame period 5ms)

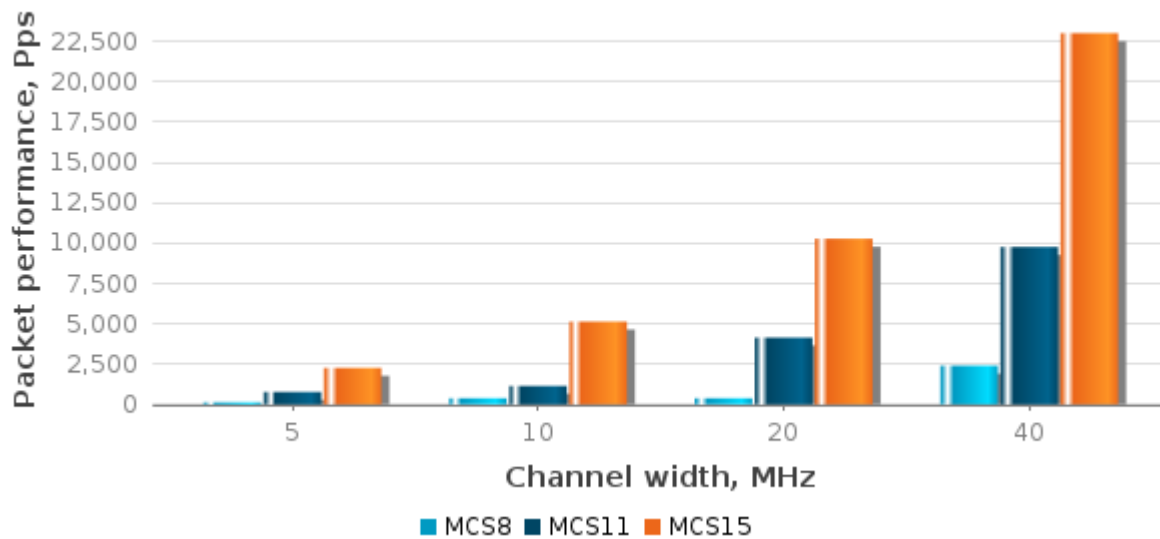
Packet performance dependence on channel width (packet size - 1518 bytes, max. distance - 10km)

Modulation scheme	Frame period 2 ms				Frame period 5 ms			
	Channel width, MHz				Channel width, MHz			
	5	10	20	40	5	10	20	40
MCS8	0	254	635	2134	127	381	381	2388
MCS11	508	1626	3759	9016	762	1143	4140	9753
MCS15	1270	4267	9753	22020	2261	5131	10261	23011

Frame period 2 ms

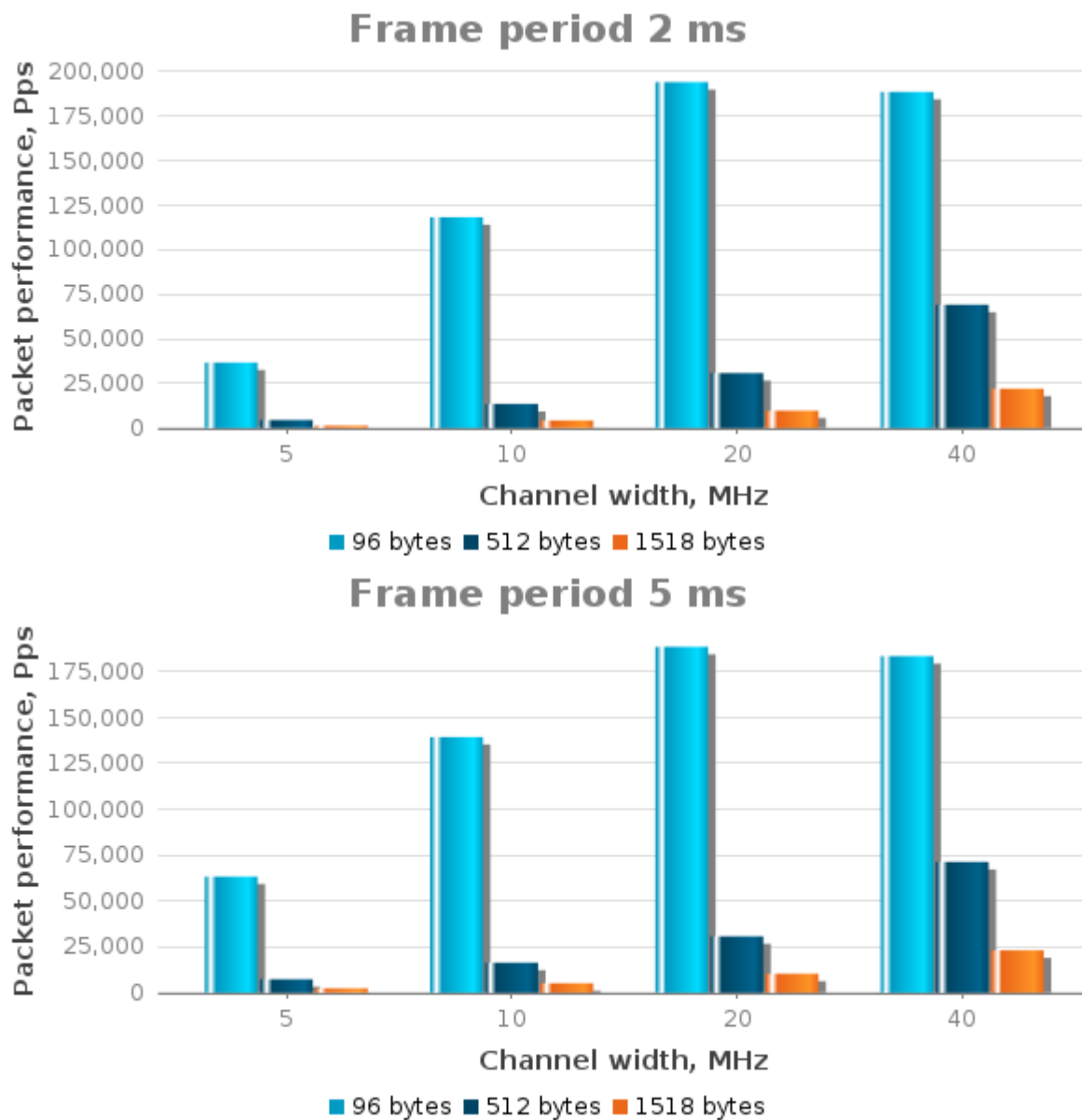


Frame period 5 ms



Packet performance dependence on packet size (modulation - QAM64 5/6, max. distance - 10km)

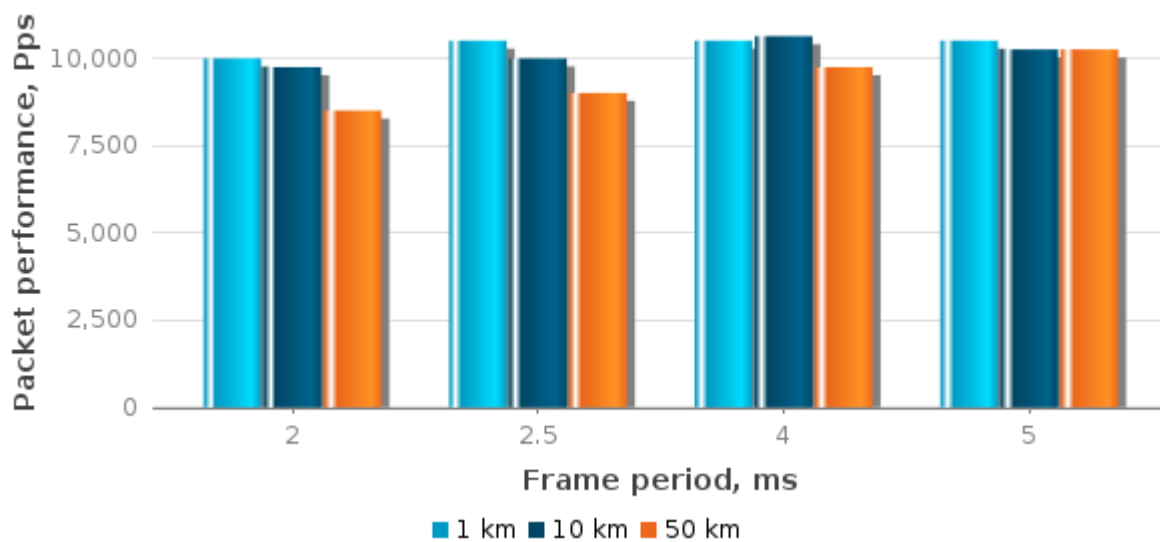
Packet size	Frame period 2 ms				Frame period 5 ms			
	Channel width, MHz				Channel width, MHz			
	5	10	20	40	5	10	20	40
96 bytes	36706	118198	193966	188578	63308	139413	188578	183526
512 bytes	4406	13437	30766	69094	7269	16301	30692	71223
1518 bytes	1270	4267	9753	22020	2261	5131	10261	23011



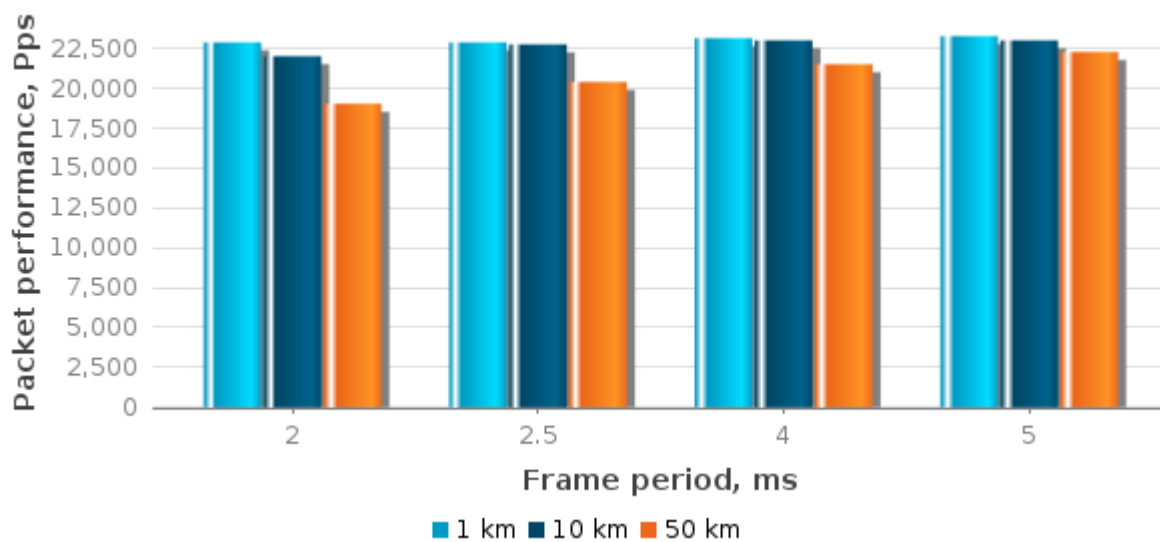
Packet performance dependence on frame period (modulation QAM64 5/6, packet size 1518 bytes)

Max. distance, km	Channel width 20 MHz				Channel width 40 MHz			
	Frame period, ms				Frame period, ms			
	2	2.5	4	5	2	2.5	4	5
1	10007	10515	10515	10515	22884	22884	23138	23265
10	9753	10007	10642	10261	22020	22757	23011	23011
50	8509	9016	9753	10261	19024	20395	21512	22274

Channel width 20 MHz



Channel width 40 MHz



Packet performance dependence maximal distance (packet size 1518 bytes, frame period 5ms)

Modulation scheme	Channel width 20 MHz				Channel width 40 MHz			
	Max. distance, km				Max. distance, km			
	1	10	25	50	1	10	25	50
MCS8	889	381	635	127	2388	2388	2261	2261
MCS11	4267	4140	3759	3378	9880	9753	9524	9398
MCS15	10515	10261	10388	10261	23265	23011	22630	22274

