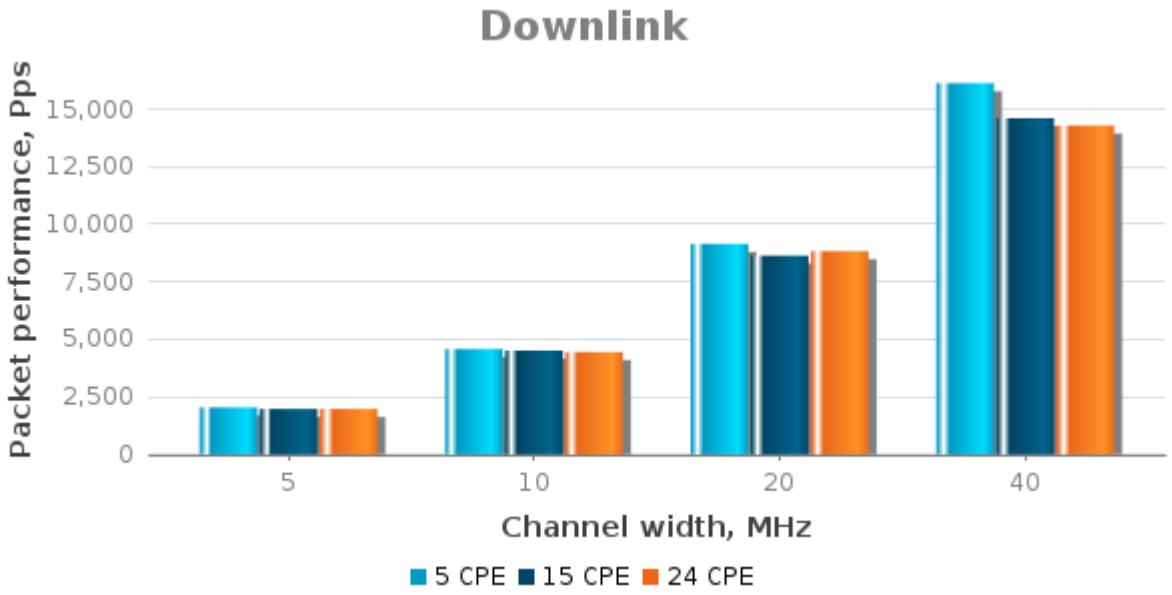
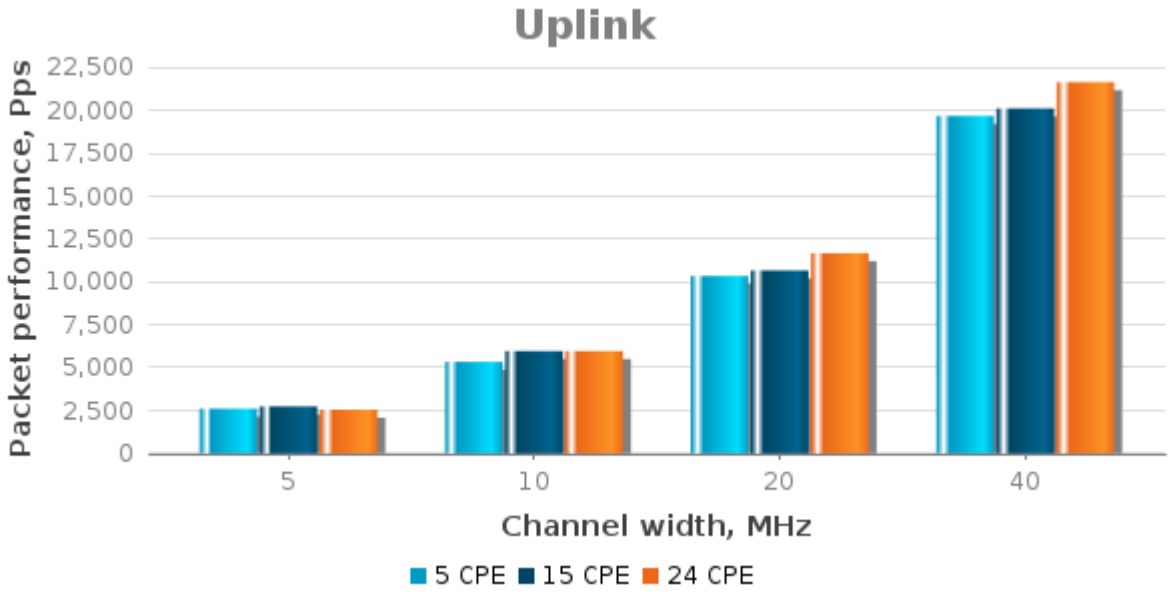
Packet performance

- Packet performance dependence on channel width (packet size - 1518 bytes, modulation - QAM64 5/6)
- Packet performance dependence on packet size (modulation - QAM64 5/6)
  - Channel width 20 MHz
  - Channel width 40 MHz

Packet performance dependence on channel width (packet size - 1518 bytes, modulation - QAM64 5/6)

Subscribers number	Downlink				Uplink			
	5 MHz	10 MHz	20 MHz	40 MHz	5 MHz	10 MHz	20 MHz	40 MHz
5	2032	4572	9143	16128	2603	5334	10350	19684
15	1968	4508	8636	14604	2730	5969	10667	20128
24	1968	4445	8826	14287	2540	5969	11683	21652

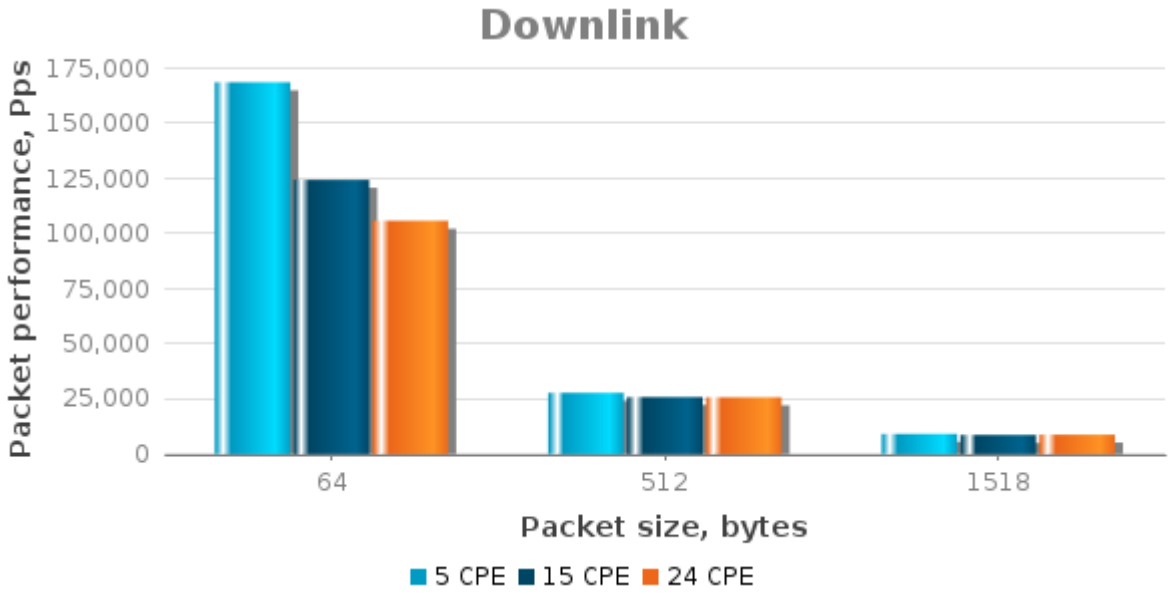


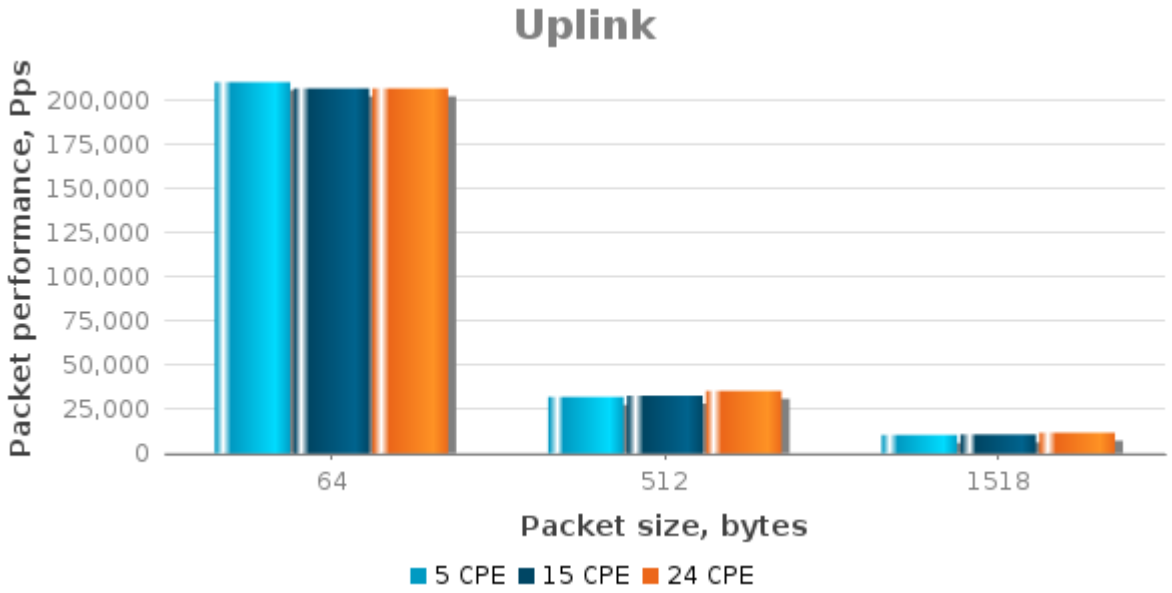


Packet performance dependence on packet size (modulation - QAM64 5/6)

Channel width	Subscribers number	Downlink			Uplink		
		64 bytes	512 bytes	1518 bytes	64 bytes	512 bytes	1518 bytes
20 MHz	5	168573	27718	9143	210426	31940	10350
	15	124395	25883	8636	206938	32675	10667
	24	105794	25699	8826	206938	35428	11683
40 MHz	5	184849	42954	16128	210426	60943	19684
	15	113932	37447	14604	208101	61494	20128
	24	96494	35061	14287	208101	66634	21652

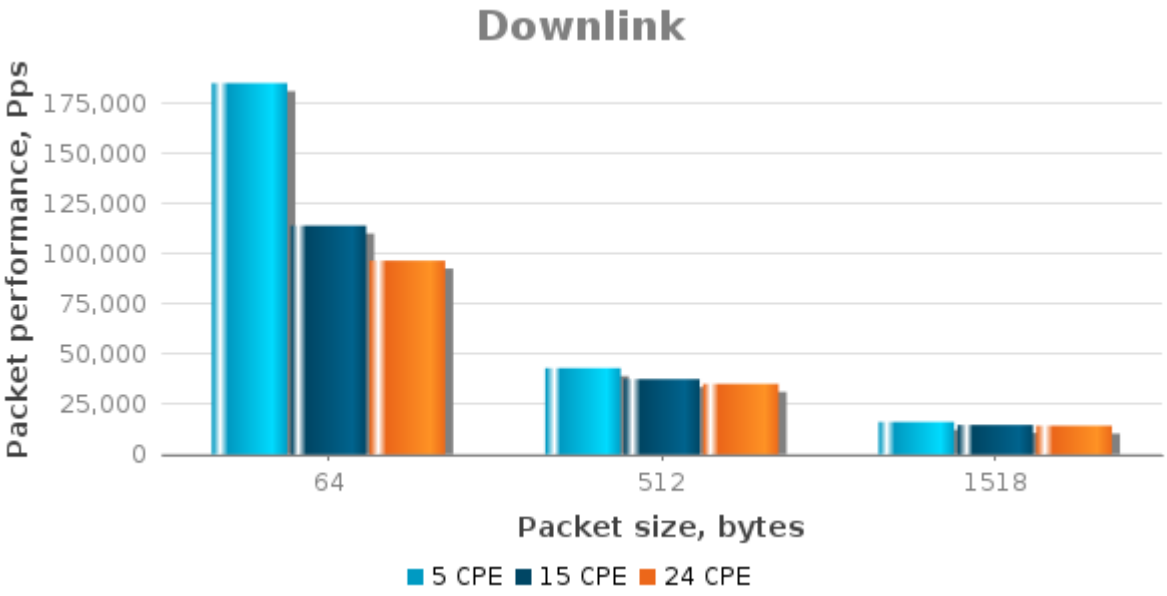
Channel width 20 MHz

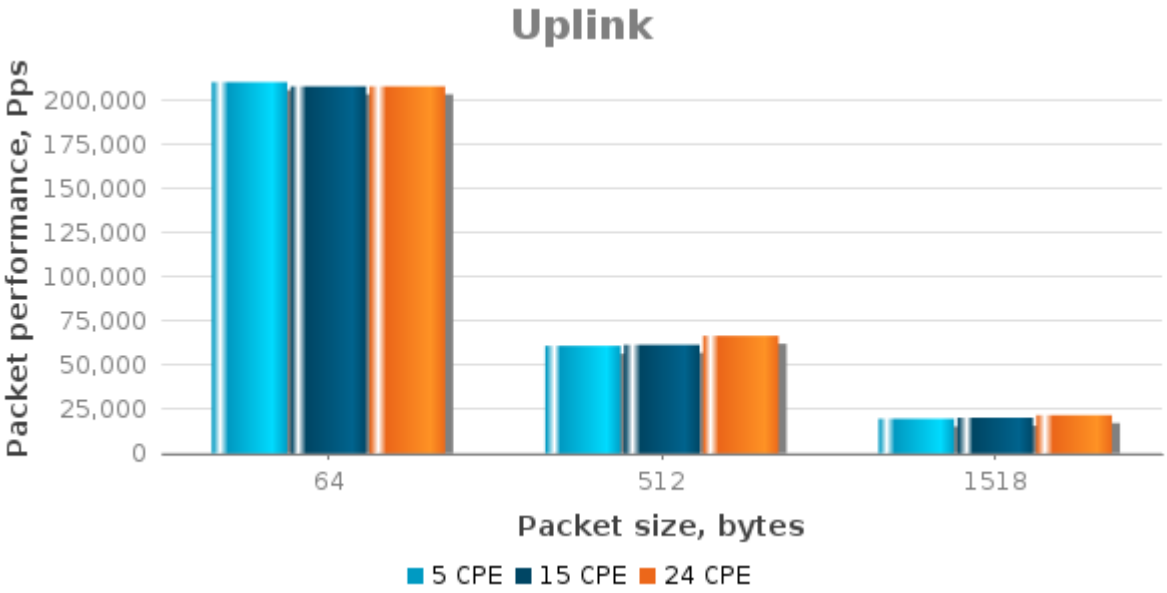




Channel width 40 MHz

Title


Downlink
Packet performance, Pps
175,000
150,000
125,000
100,000
75,000
50,000
25,000
0
64
512
1518
Packet size, bytes
5 CPE
15 CPE
24 CPE


Uplink
Packet performance, Pps
200,000
175,000
150,000
125,000
100,000
75,000
50,000
25,000
0
64
512
1518
Packet size, bytes
5 CPE
15 CPE
24 CPE