Throughput QOS

2021-08-23-18-53-51

Objective

Through this test we can evaluate the throughput for given number of clients which runs the traffic with a particular Type of Service i.e BK,BE,VI,VO

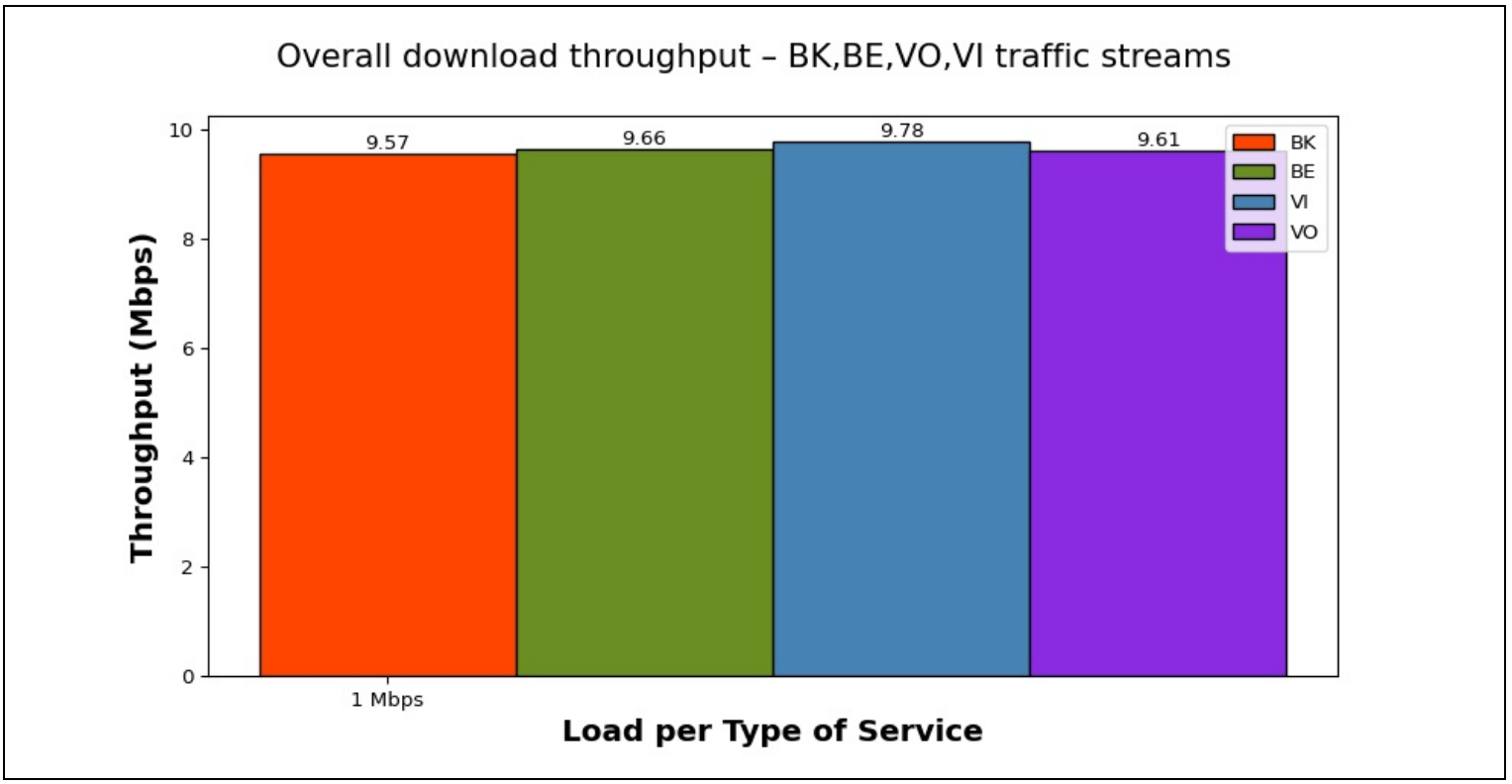
Device Under Test	AP Model	WAX610
	SSID	NETGEAR73-5G
	Test Duration	0:02:36

Overall download Throughput for all TOS i.e BK | BE | Video (VI) | Voice (VO)

No of Stations	Mode	Throughput for Load 1 Mbps
10	an-AC	BK : 9.57, BE : 9.66, VI: 9.78, VO: 9.61

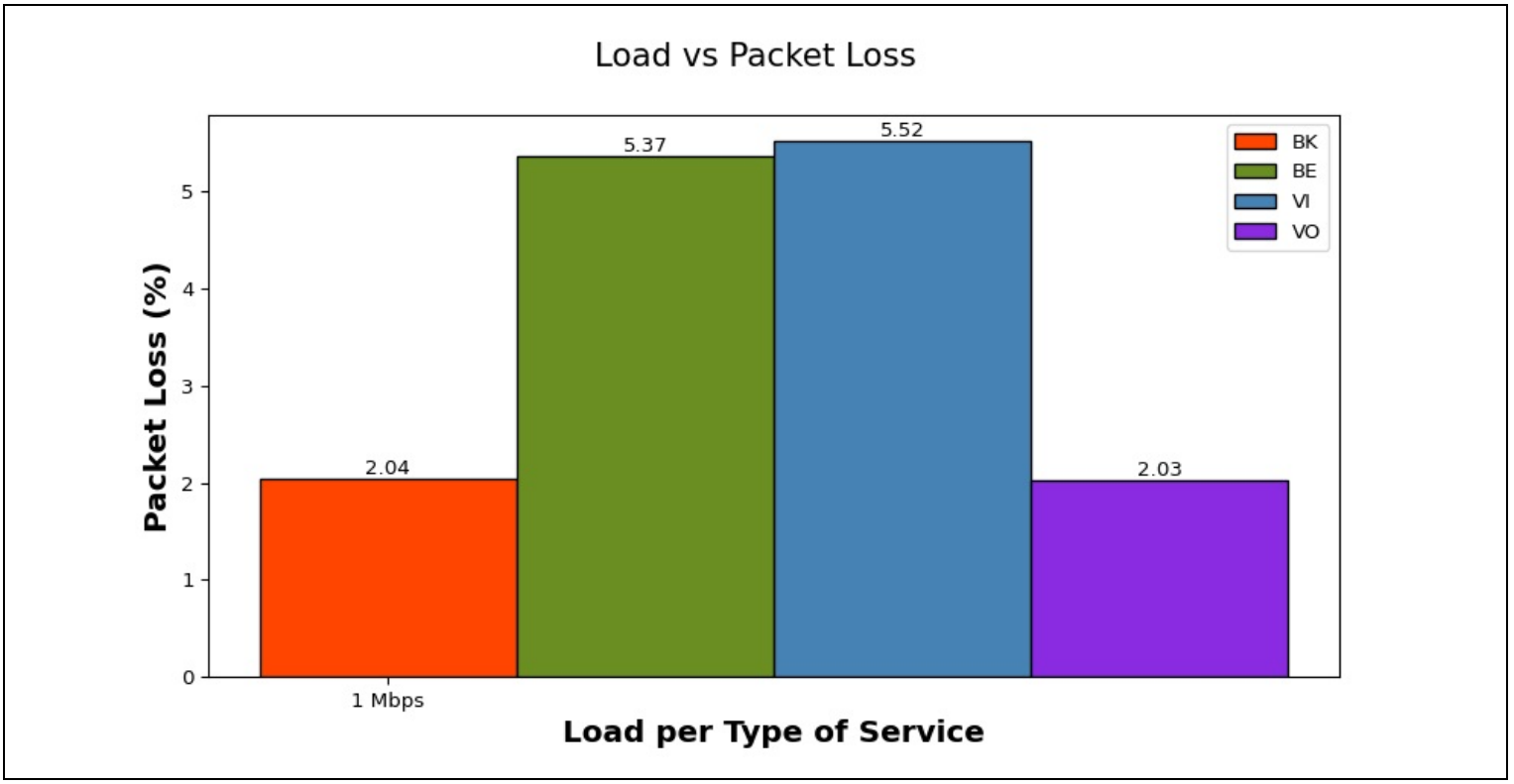
Overall Download throughput for 10 clients for 5g band with different TOS.

The below graph represents overall download throughput for all connected stations running BK, BE, VO, VI traffic with different intended loads per station – 1 Mbps



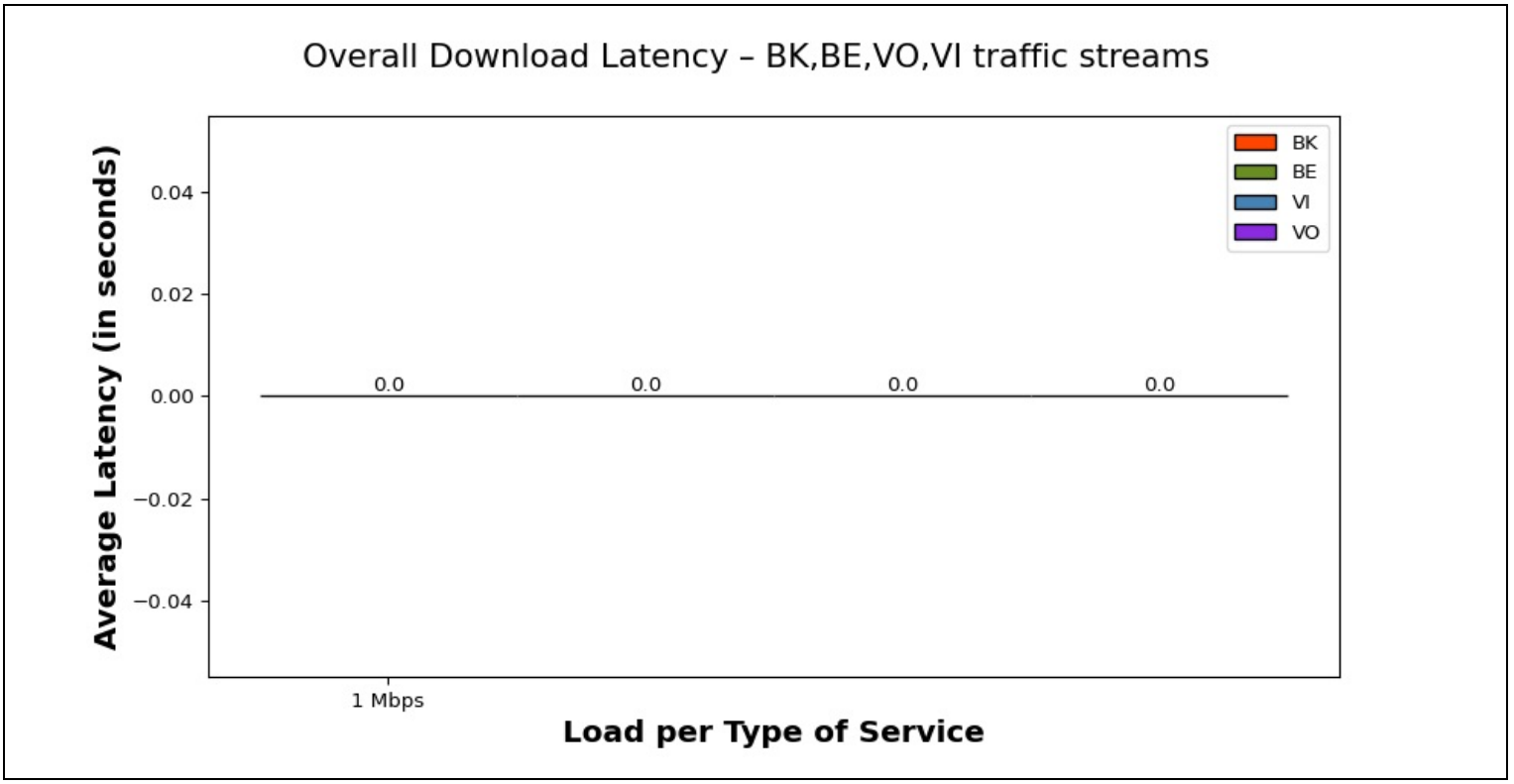
Overall Packet loss for 10 clients for 5g band with different TOS.

This graph shows the overall packet loss for the connected stations for BK,BE,VO,VI traffic with intended load per station – 1 Mbps



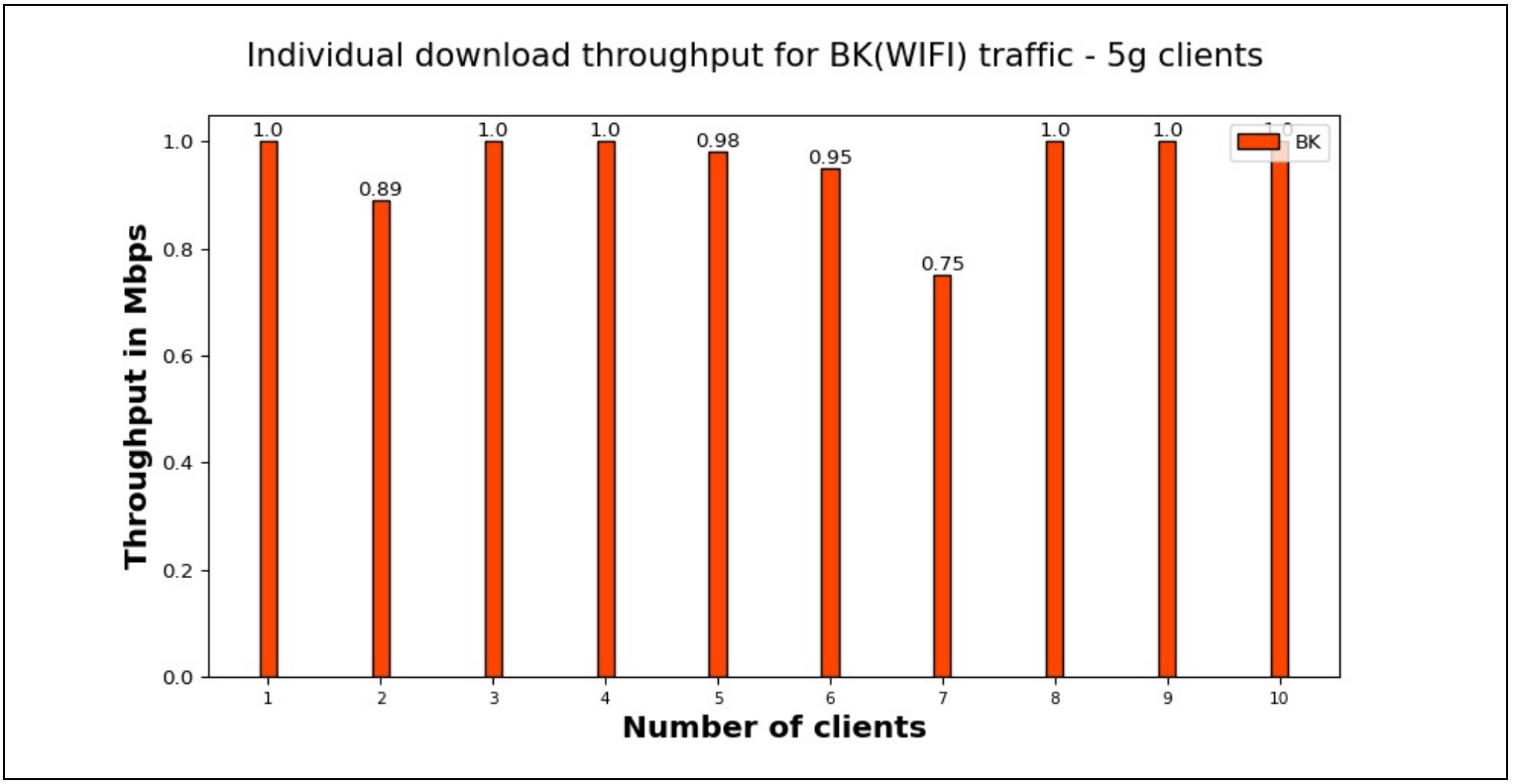
Overall Latency for 10 clients for 5g band with different TOS.

This graph shows the overall Latency for the connected stations for BK,BE,VO,VI traffic with intended load per station – 1 Mbps



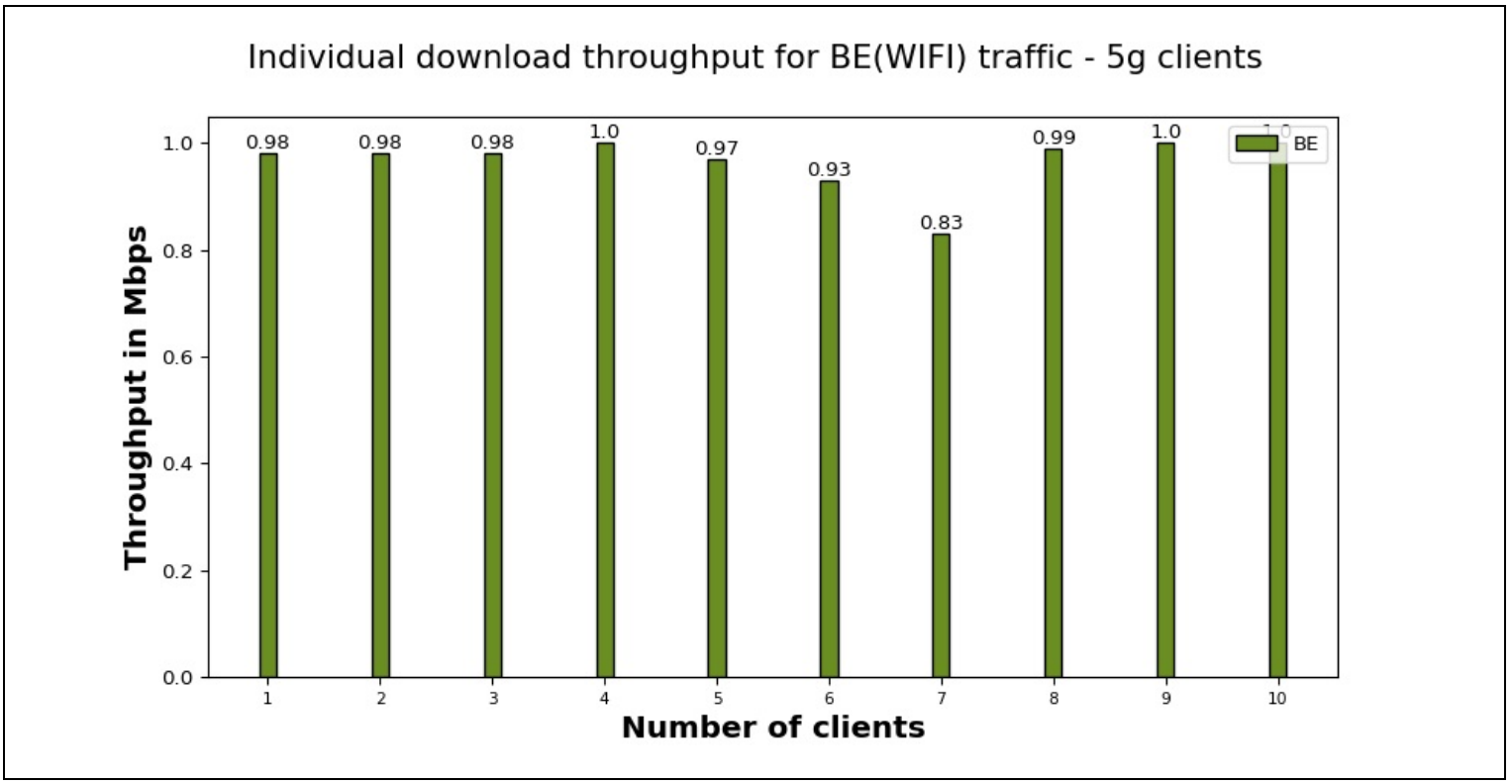
Individual download throughput with intended load 1 Mbps/station for traffic BK(WiFi).

The below graph represents individual throughput for 10 clients running BK (WiFi) traffic. X- axis shows "number of clients" and Y-axis shows "Throughput in Mbps".



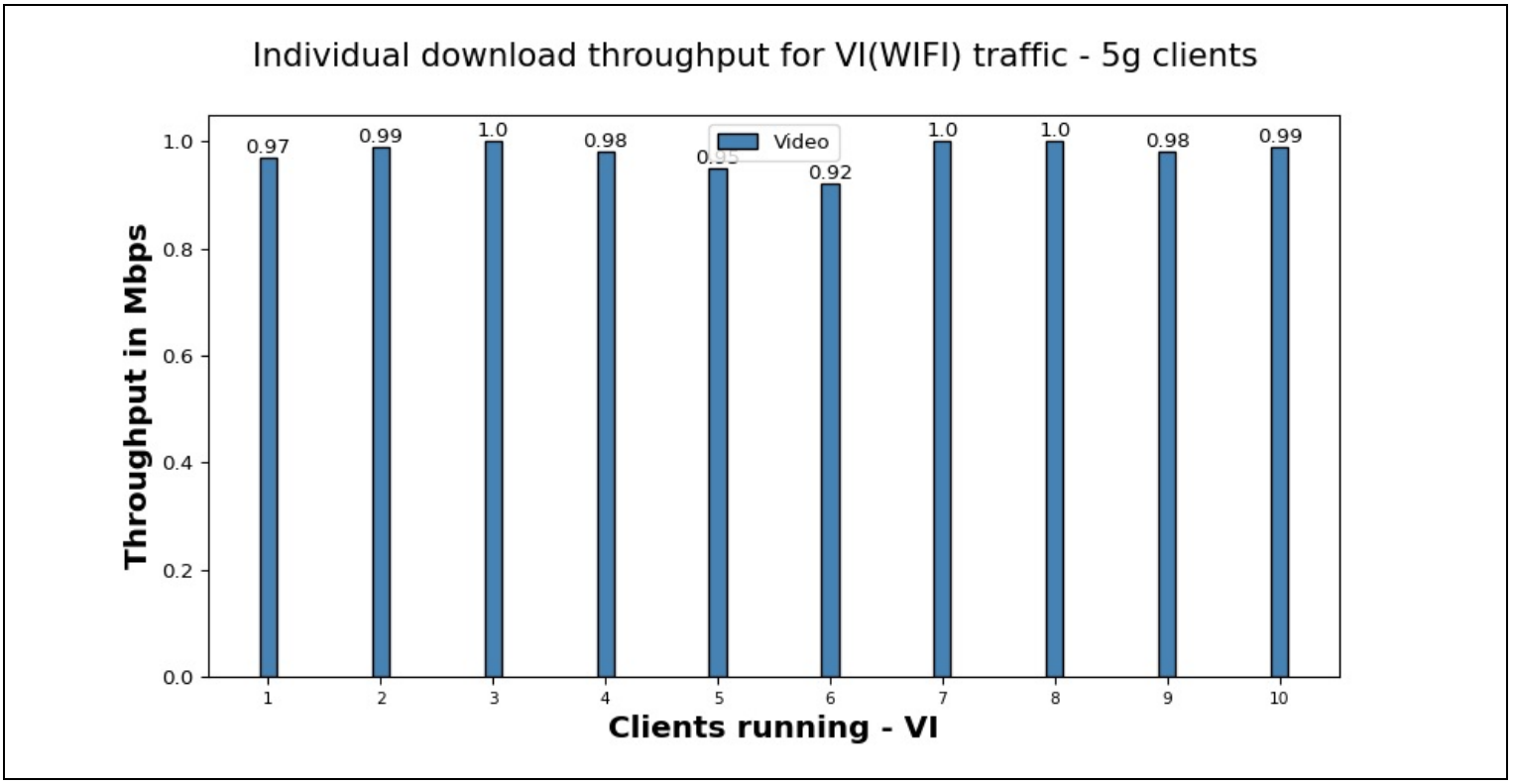
Individual download throughput with intended load 1 Mbps/station for traffic BE(WiFi).

The below graph represents individual throughput for 10 clients running BE (WiFi) traffic. X- axis shows "number of clients" and Y-axis shows "Throughput in Mbps".



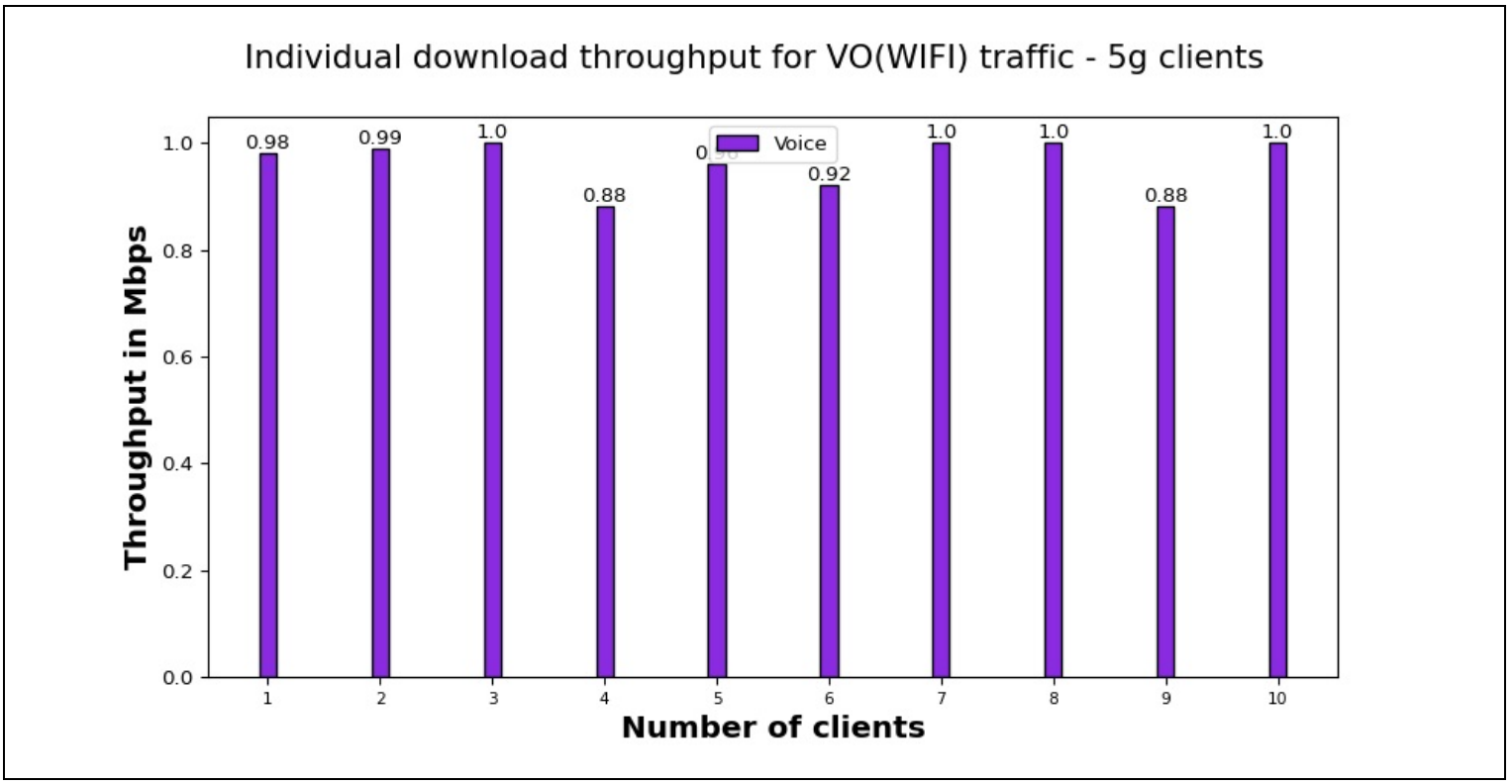
Individual download throughput with intended load 1 Mbps/station for traffic VI(WiFi).

The below graph represents individual throughput for 10 clients running VI (WiFi) traffic. X- axis shows "number of clients" and Y-axis shows "Throughput in Mbps".



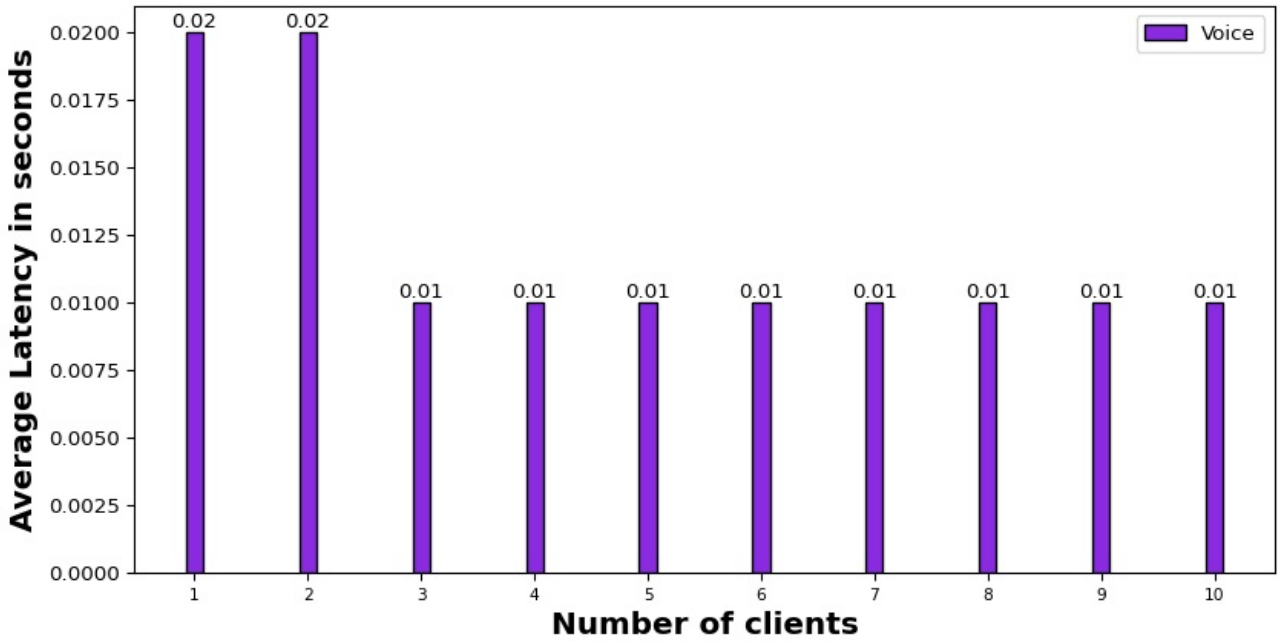
Individual download throughput with intended load 1 Mbps/station for traffic VO(WiFi).

The below graph represents individual throughput for 10 clients running VO (WiFi) traffic. X- axis shows "number of clients" and Y-axis shows "Throughput in Mbps".



Individual download average latency with intended load 1 Mbps/station for traffic VO(WiFi).

The below graph represents individual avg latency for 10 clients running VO (WiFi) traffic. X- axis shows "Number of Clients" and Y-axis shows "Avg Latency in seconds".



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