

Throughput Test

2026-01-07-15-16-40



Objective

The Candela Client Capacity test is designed to measure an Access Point's client capacity and performance when handling different amounts of Real clients like android, Linux, windows, and IOS. The test allows the user to increase the number of clients in user-defined steps for each test iteration and measure the per client and the overall throughput for this test, we aim to assess the capacity of network to handle high volumes of traffic while each trial. Along with throughput other measurements made are client connection times, Station 4-Way Handshake time, DHCP times, and more. The expected behavior is for the AP to be able to handle several stations (within the limitations of the AP specs) and make sure all Clients get a fair amount of airtime both upstream and downstream. An AP that scales well will not show a significant overall throughput decrease as more Real clients are added.

Input Parameters

The below tables provides the input parameters for the test

Test Configuration	Test name	LongRun12Hr_6thJan
	Device List	Robot_1 (Android), Samsung(Android)
	No of Devices	Total(2) Android(2)
	Selected Coordinates	28,27,26,23,31,21,20,19,18,16,15,14,13,12,11,9,30,10,29,8,1,2,3,4,5,6,7
	Increment	No Incremental values provided
	Traffic Duration in minutes	28.0
	Traffic Type	TCP
	Traffic Direction	Download
	Upload Rate(Mbps)	0.0Mbps
	Download Rate(Mbps)	10.0Mbps
	Load Type	Per Client Load
	Packet Size	1500 Bytes

Average Throughput Heatmap:

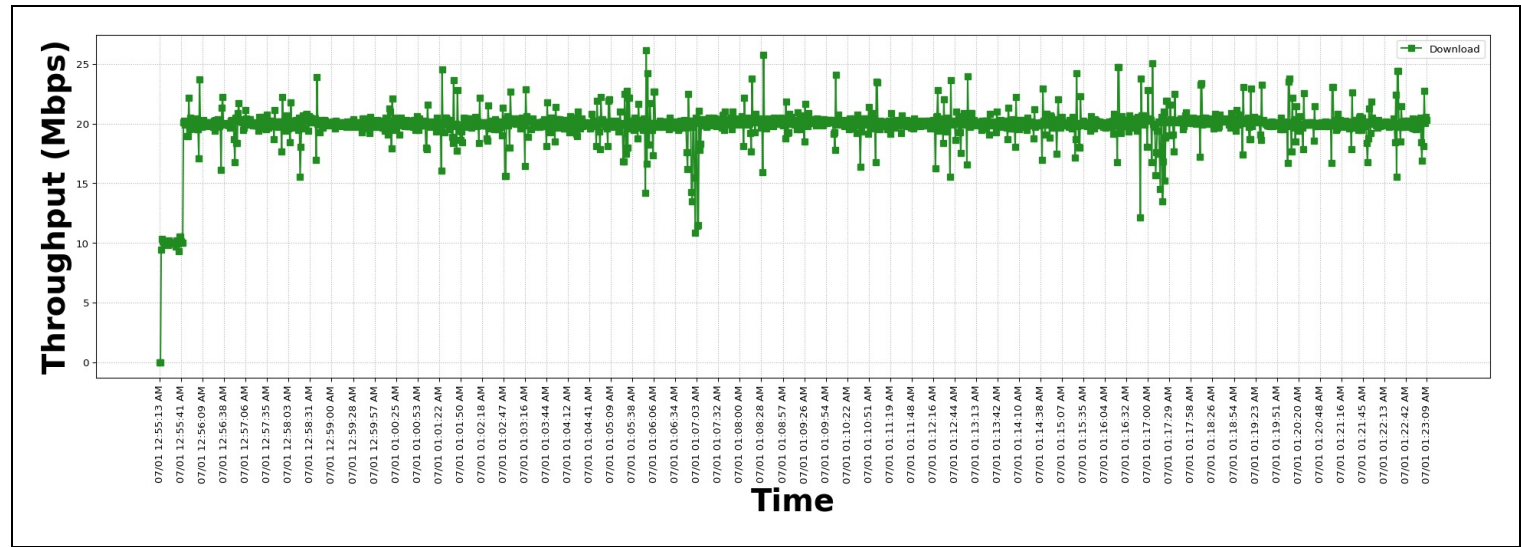


Average RSSI Heatmap:

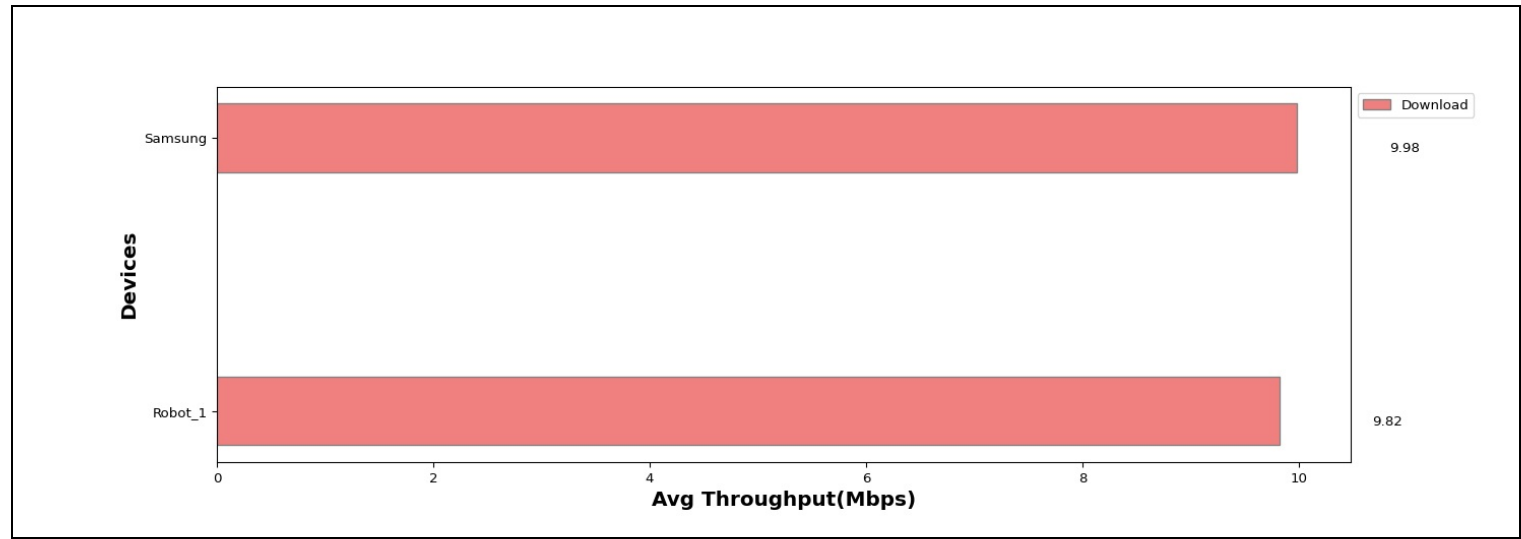


Throughput Test Details & Robot Position: Point 28

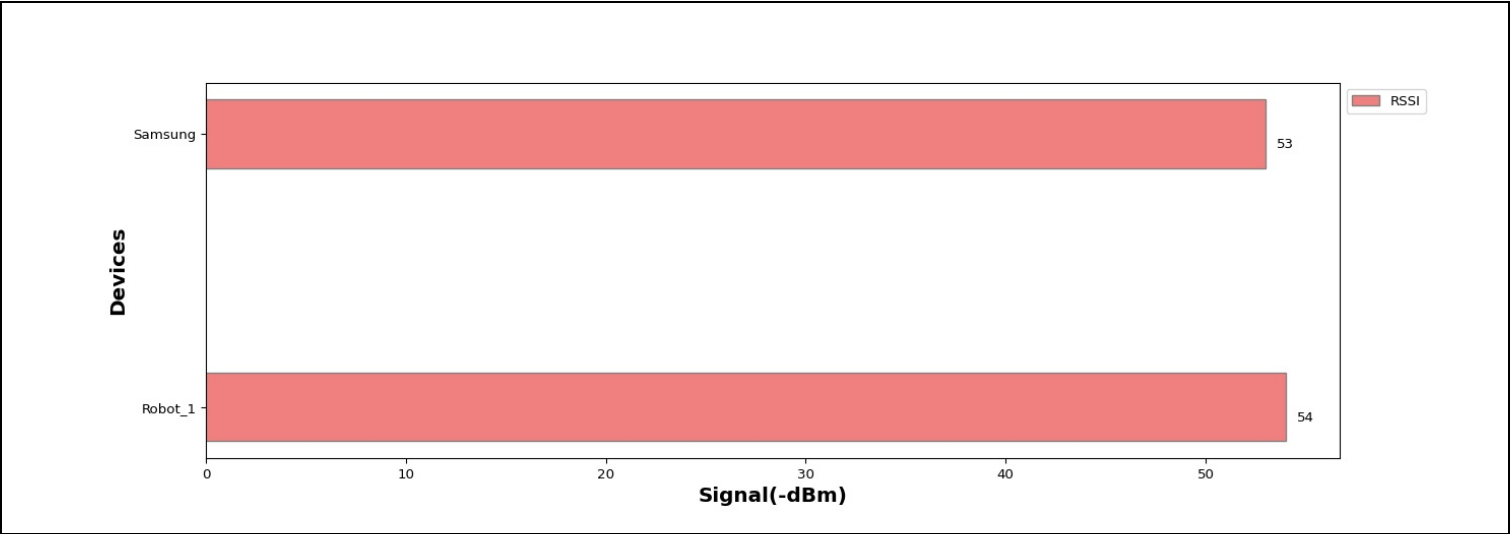
Real Time Throughput: Achieved Throughput: Download : 19.8 Mbps



Per Client Avg-Throughput



RSSI Of The Clients Connected



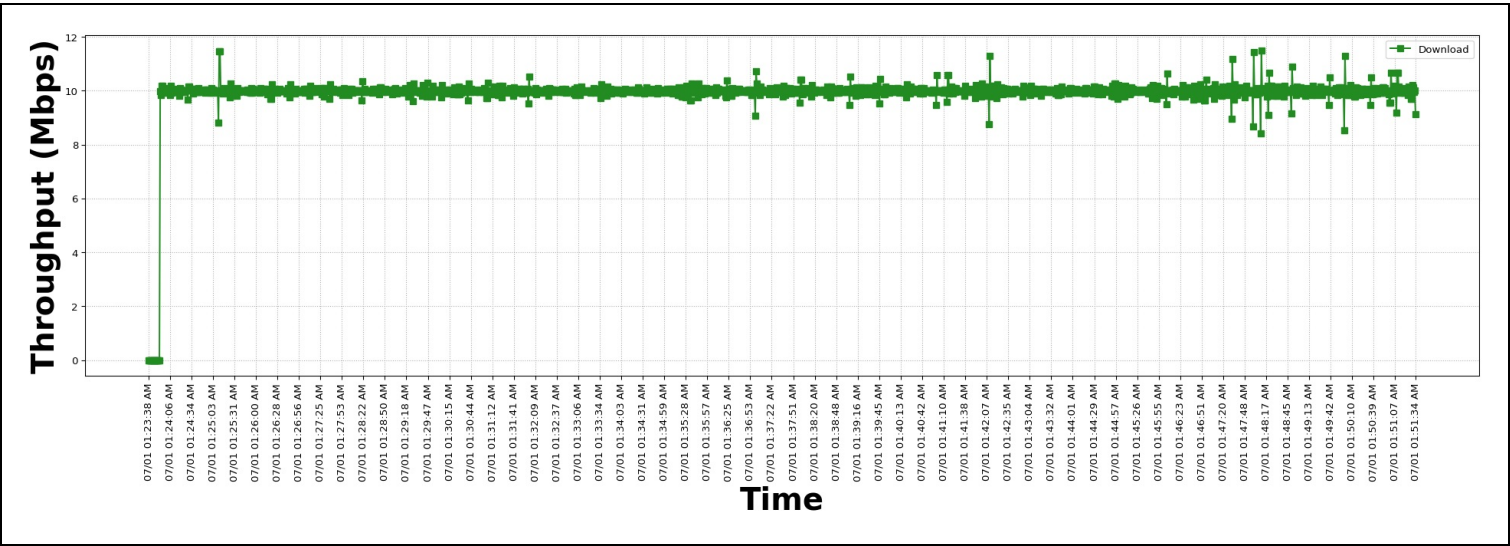
Detailed Result Table

The below tables provides detailed information for the throughput test on each device.

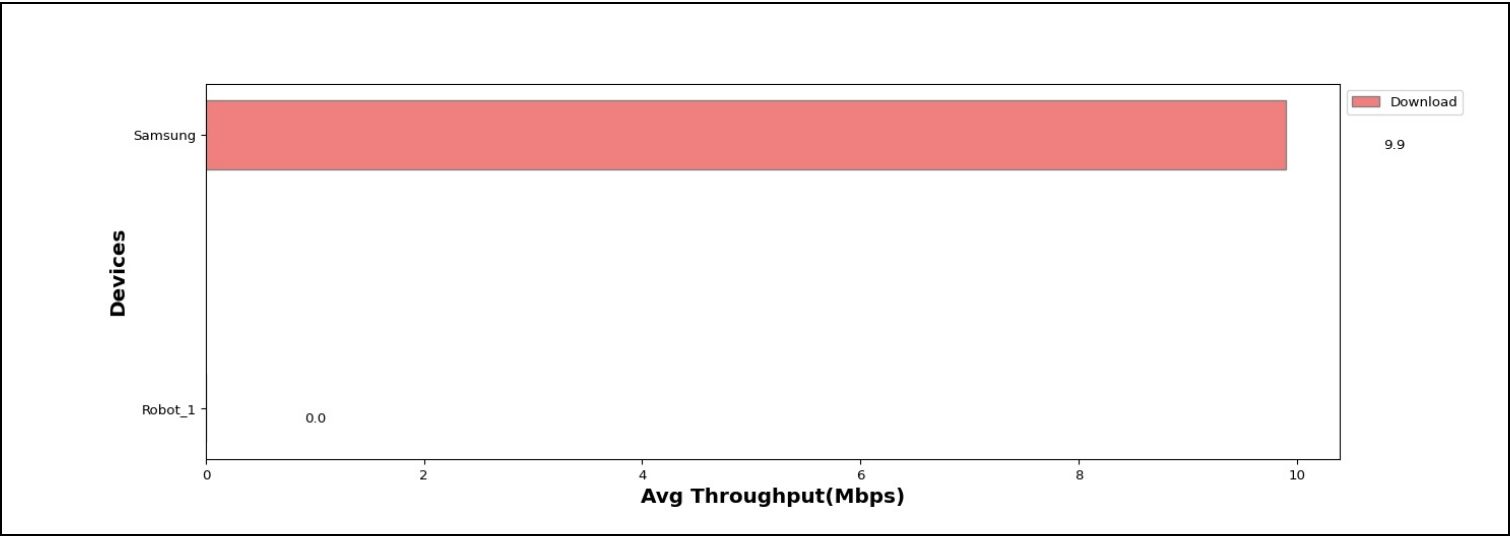
Device Type	Username	SSID	MAC	Channel	Mode	BSSID	Offered download rate	Observed Average download rate	Offered upload rate	Observed Average upload rate	RSSI	Packet Size(Bytes)	Average Rx Drop A%	Average Rx Drop B%
Android	Robot_1	NOKIA-5A20	ca:0d:ef:54:b8:0d	44	802.11abgn-AX 80	14:55:B9:6D:64:0A	10.0Mbps	9.82 Mbps	0.0Mbps	0 Mbps	-54 dbm	1500	0.0	0.0
Android	Samsung	NOKIA-5A20	8e:0a:ef:d7:48:f6	44	802.11abgn-AC 80	14:55:B9:6D:64:0A	10.0Mbps	9.98 Mbps	0.0Mbps	0 Mbps	-53 dbm	1500	0.0	0.0

Throughput Test Details ? Robot Position: Point 27

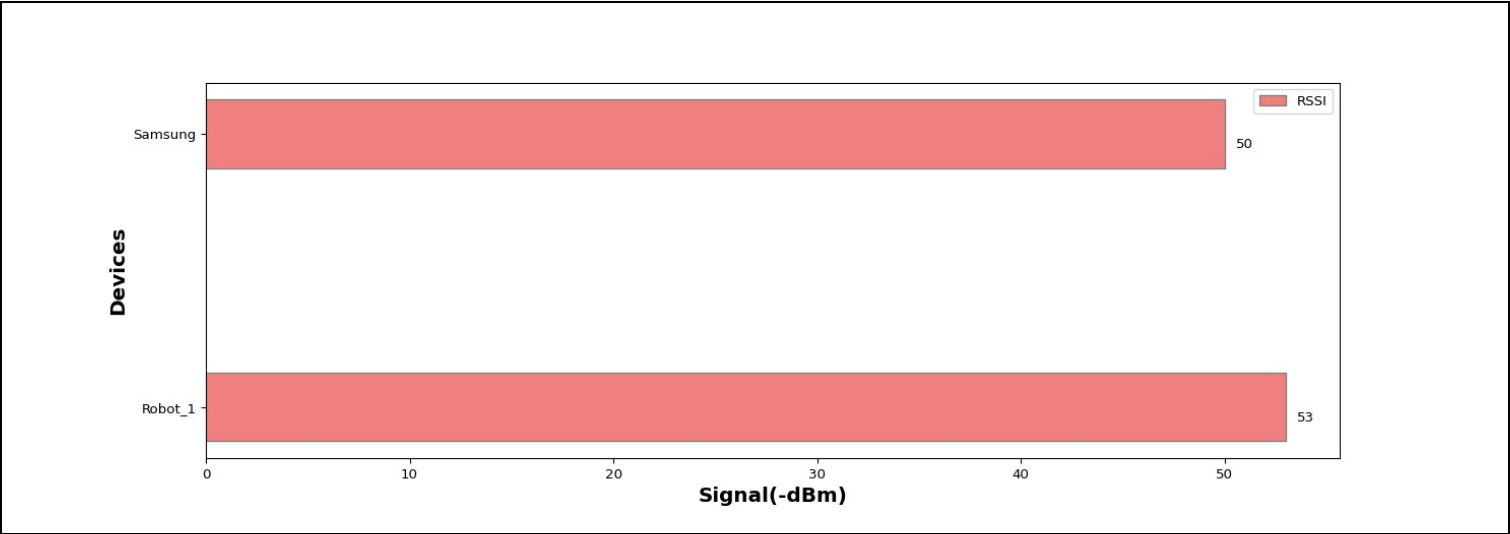
Real Time Throughput: Achieved Throughput: Download : 9.9 Mbps



Per Client Avg-Throughput



RSSI Of The Clients Connected



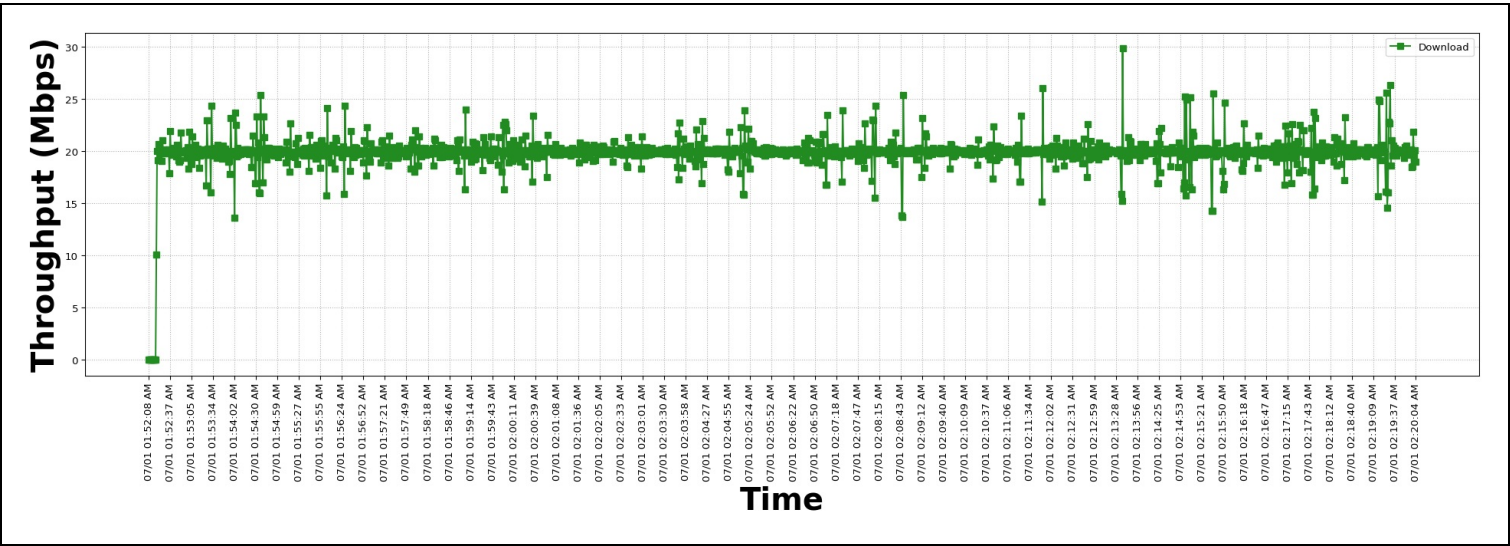
Detailed Result Table

The below tables provides detailed information for the throughput test on each device.

Device Type	Username	SSID	MAC	Channel	Mode	BSSID	Offered download rate	Observed Average download rate	Offered upload rate	Observed Average upload rate	RSSI	Packet Size(Bytes)	Average Rx Drop A%	Average Rx Drop B%
Android	Robot_1	NOKIA-5A20	ca:0d:ef:54:b8:0d	44	802.11abgn-AX 80	14:55:B9:6D:64:0A	10.0Mbps	0.0 Mbps	0.0Mbps	0 Mbps	-53 dbm	1500	0.0	0.0
Android	Samsung	NOKIA-5A20	8e:0a:ef:d7:48:f6	44	802.11abgn-AC 80	14:55:B9:6D:64:0A	10.0Mbps	9.9 Mbps	0.0Mbps	0 Mbps	-50 dbm	1500	0.0	0.0

Throughput Test Details ? Robot Position: Point 26

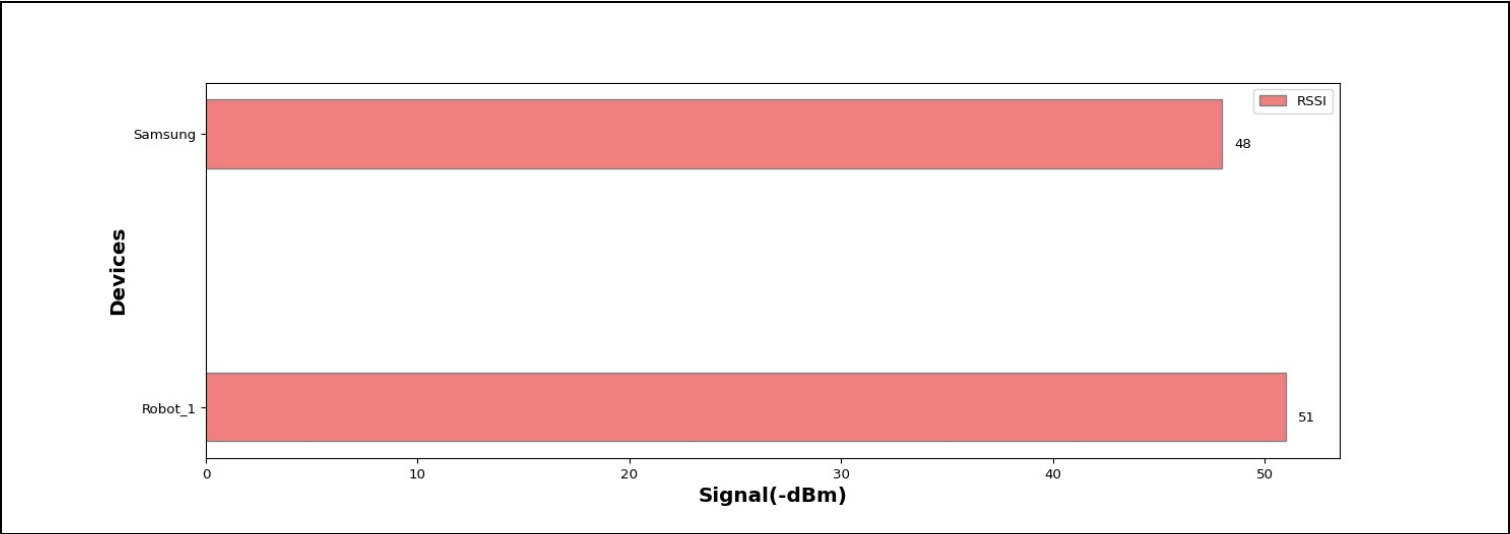
Real Time Throughput: Achieved Throughput: Download : 19.84 Mbps



Per Client Avg-Throughput



RSSI Of The Clients Connected



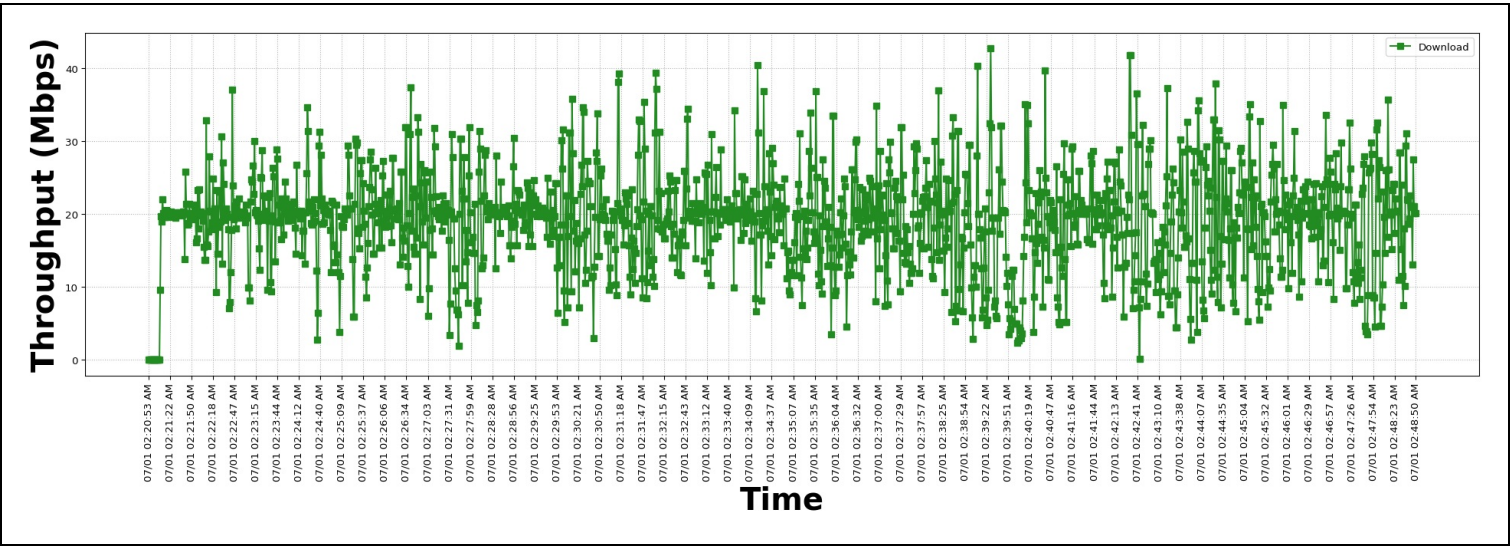
Detailed Result Table

The below tables provides detailed information for the throughput test on each device.

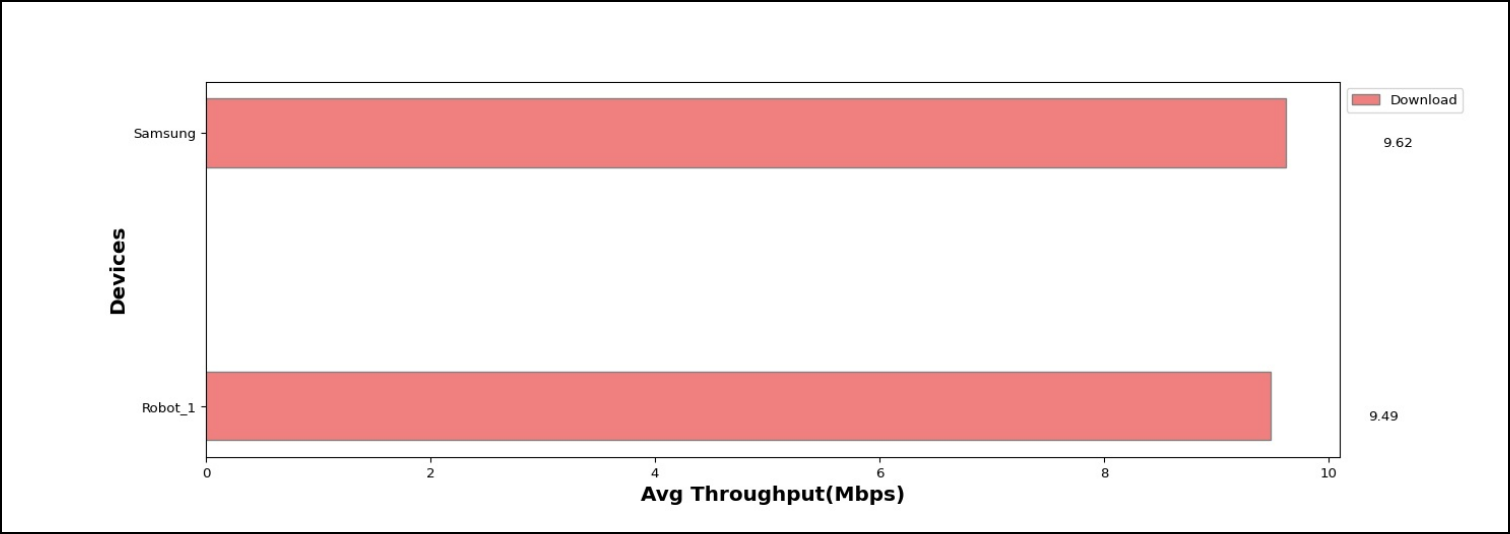
Device Type	Username	SSID	MAC	Channel	Mode	BSSID	Offered download rate	Observed Average download rate	Offered upload rate	Observed Average upload rate	RSSI	Packet Size(Bytes)	Average Rx Drop A%	Average Rx Drop B%
Android	Robot_1	NOKIA-5A20	ca:0d:ef:54:b8:0d	44	802.11abgn-AX 80	14:55:B9:6D:64:0A	10.0Mbps	9.92 Mbps	0.0Mbps	0 Mbps	-51 dbm	1500	0.0	0.0
Android	Samsung	NOKIA-5A20	8e:0a:ef:d7:48:f6	44	802.11abgn-AC 80	14:55:B9:6D:64:0A	10.0Mbps	9.92 Mbps	0.0Mbps	0 Mbps	-48 dbm	1500	0.0	0.0

Throughput Test Details ? Robot Position: Point 23

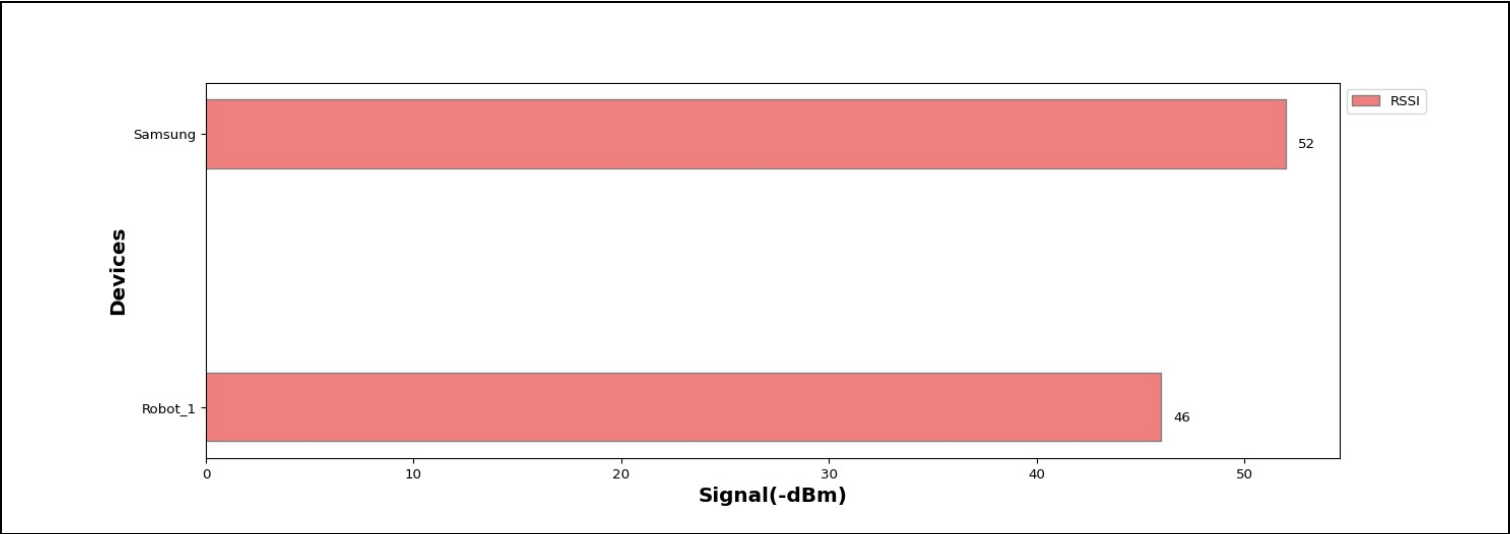
Real Time Throughput: Achieved Throughput: Download : 19.11 Mbps



Per Client Avg-Throughput



RSSI Of The Clients Connected



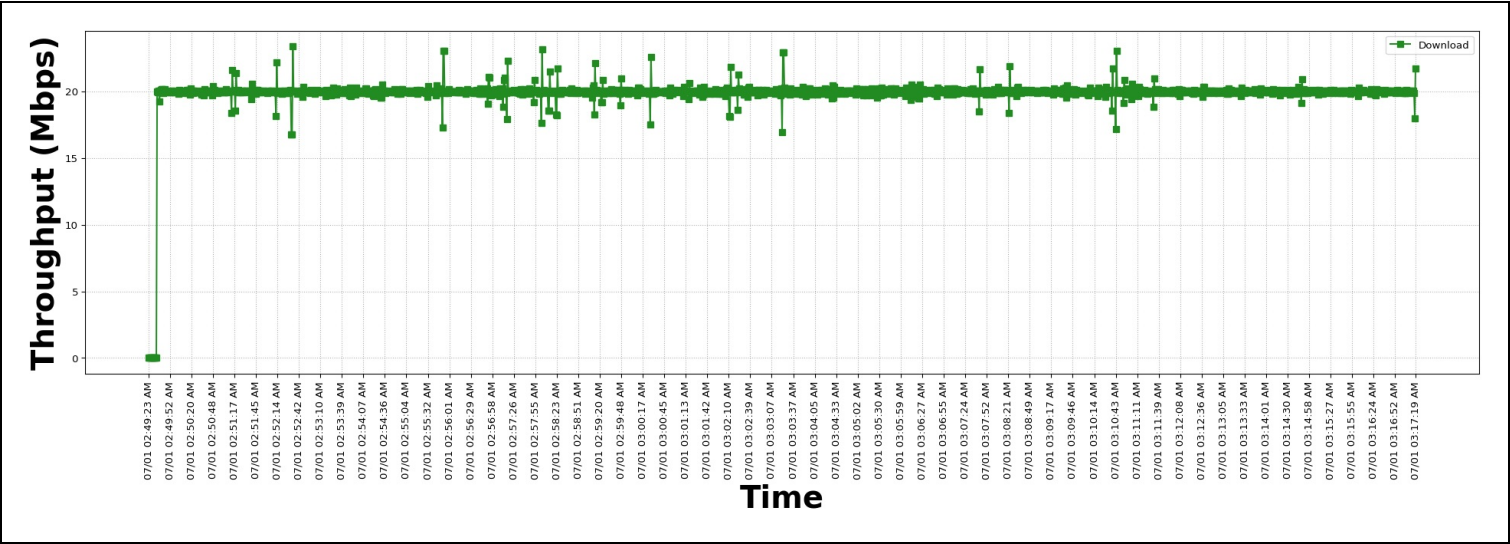
Detailed Result Table

The below tables provides detailed information for the throughput test on each device.

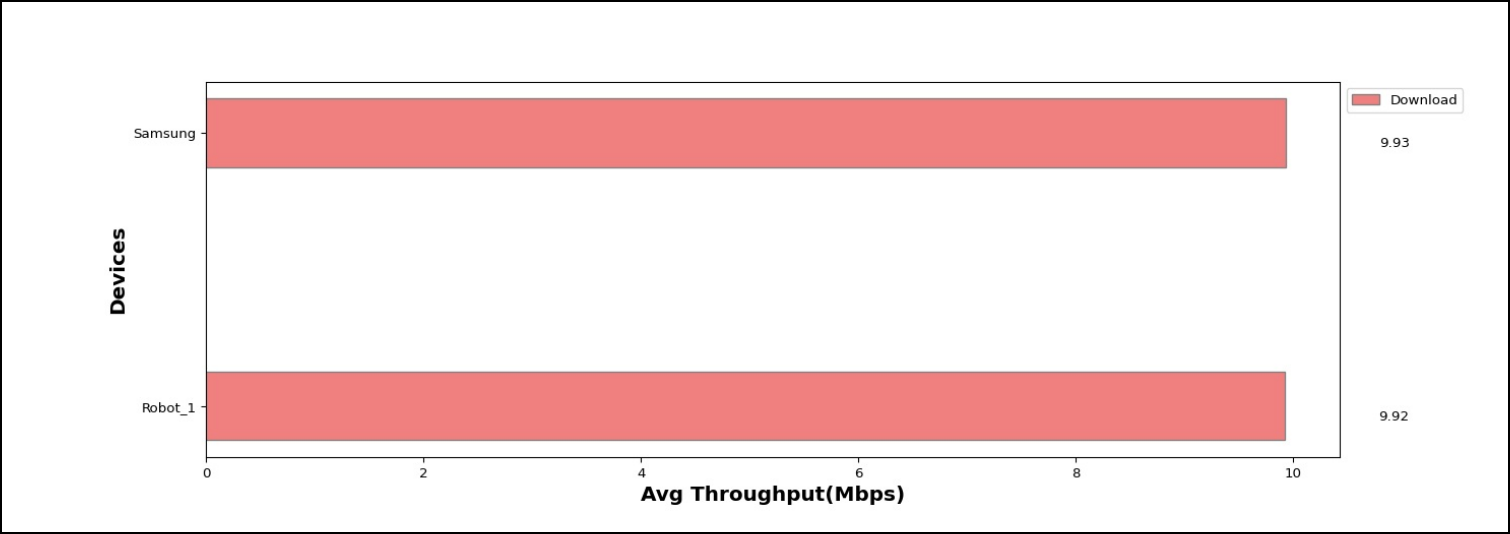
Device Type	Username	SSID	MAC	Channel	Mode	BSSID	Offered download rate	Observed Average download rate	Offered upload rate	Observed Average upload rate	RSSI	Packet Size(Bytes)	Average Rx Drop A%	Average Rx Drop B%
Android	Robot_1	NOKIA-5A20	ca:0d:ef:54:b8:0d	44	802.11abgn-AX 80	14:55:B9:6D:64:0A	10.0Mbps	9.49 Mbps	0.0Mbps	0 Mbps	-46 dbm	1500	0.06	0.0
Android	Samsung	NOKIA-5A20	8e:0a:ef:d7:48:f6	44	802.11abgn-AC 80	14:55:B9:6D:64:0A	10.0Mbps	9.62 Mbps	0.0Mbps	0 Mbps	-52 dbm	1500	0.10	0.0

Throughput Test Details ? Robot Position: Point 31

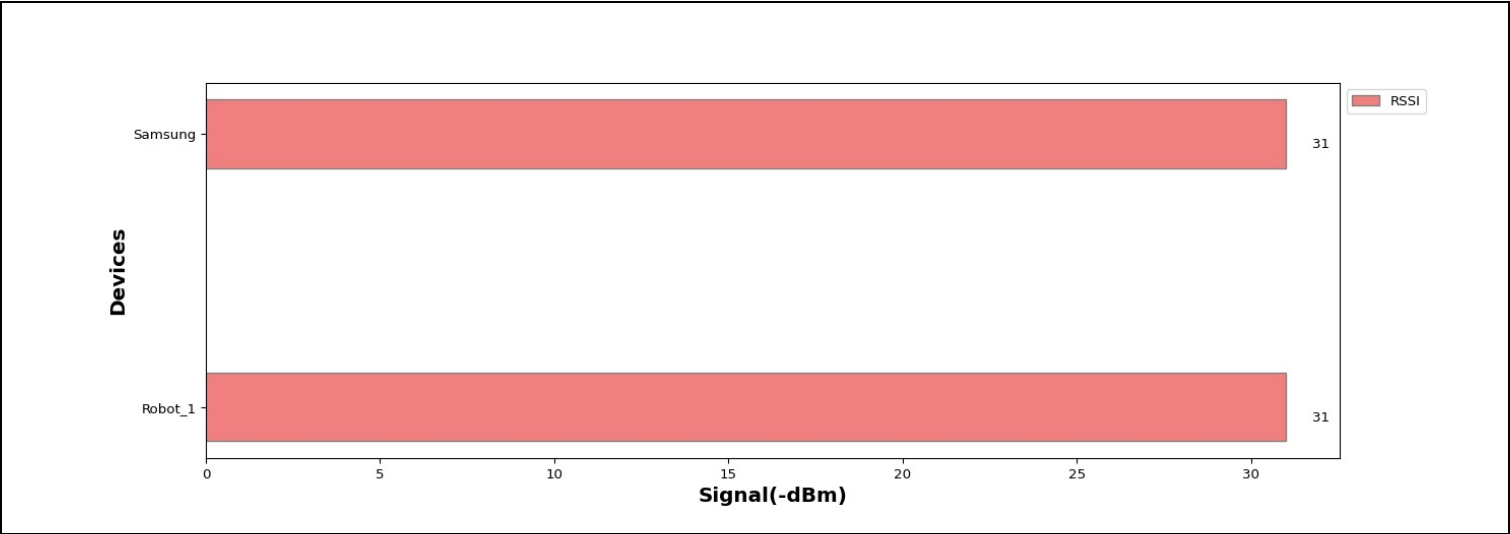
Real Time Throughput: Achieved Throughput: Download : 19.85 Mbps



Per Client Avg-Throughput



RSSI Of The Clients Connected



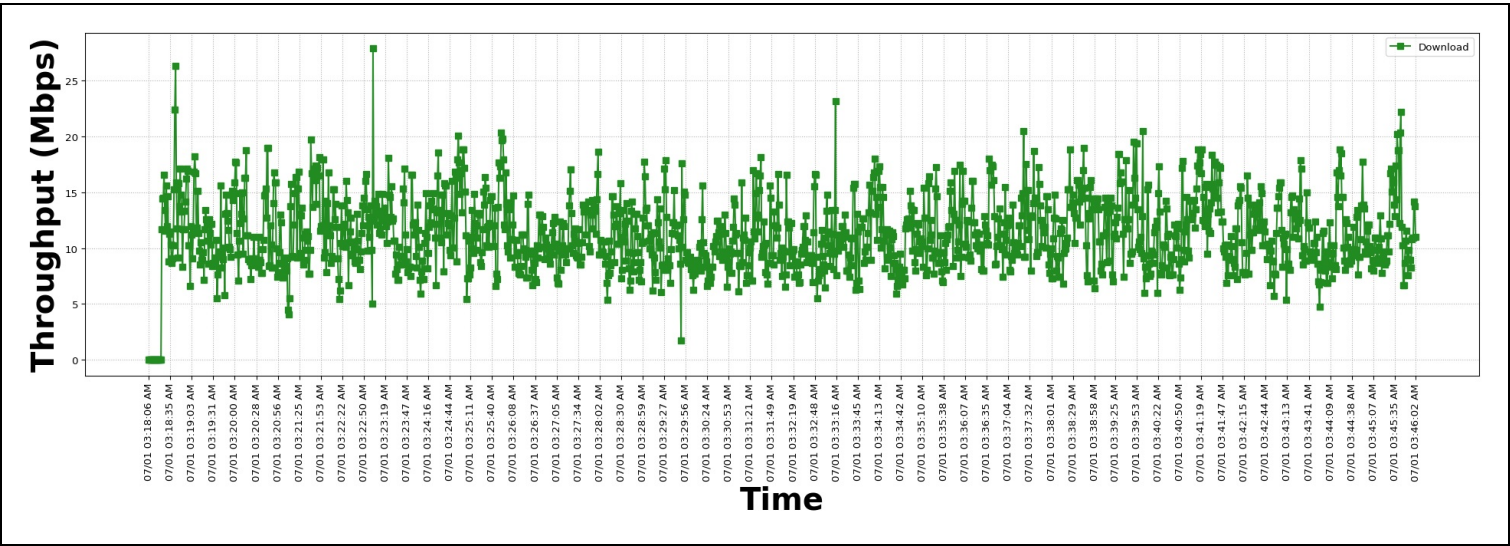
Detailed Result Table

The below tables provides detailed information for the throughput test on each device.

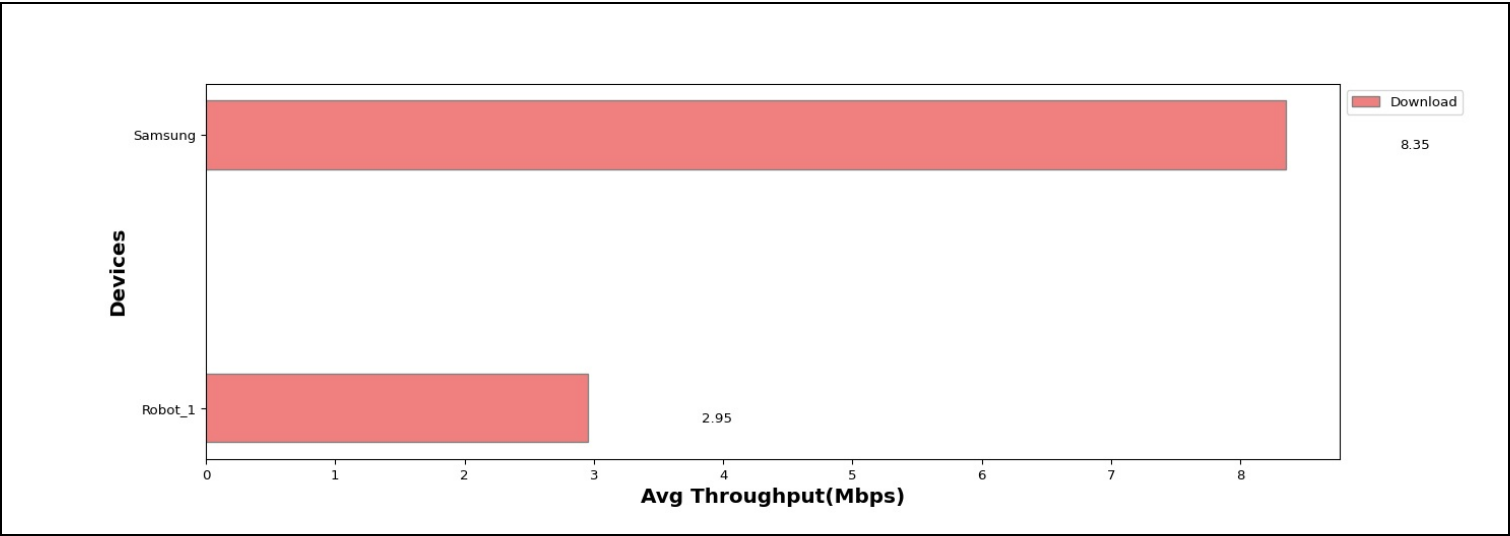
Device Type	Username	SSID	MAC	Channel	Mode	BSSID	Offered download rate	Observed Average download rate	Offered upload rate	Observed Average upload rate	RSSI	Packet Size(Bytes)	Average Rx Drop A%	Average Rx Drop B%
Android	Robot_1	NOKIA-5A20	ca:0d:ef:54:b8:0d	44	802.11abgn-AX 80	14:55:B9:6D:64:0A	10.0Mbps	9.92 Mbps	0.0Mbps	0 Mbps	-31 dbm	1500	0.0	0.0
Android	Samsung	NOKIA-5A20	8e:0a:ef:d7:48:f6	44	802.11abgn-AC 80	14:55:B9:6D:64:0A	10.0Mbps	9.93 Mbps	0.0Mbps	0 Mbps	-31 dbm	1500	0.0	0.0

Throughput Test Details ？ Robot Position: Point 21

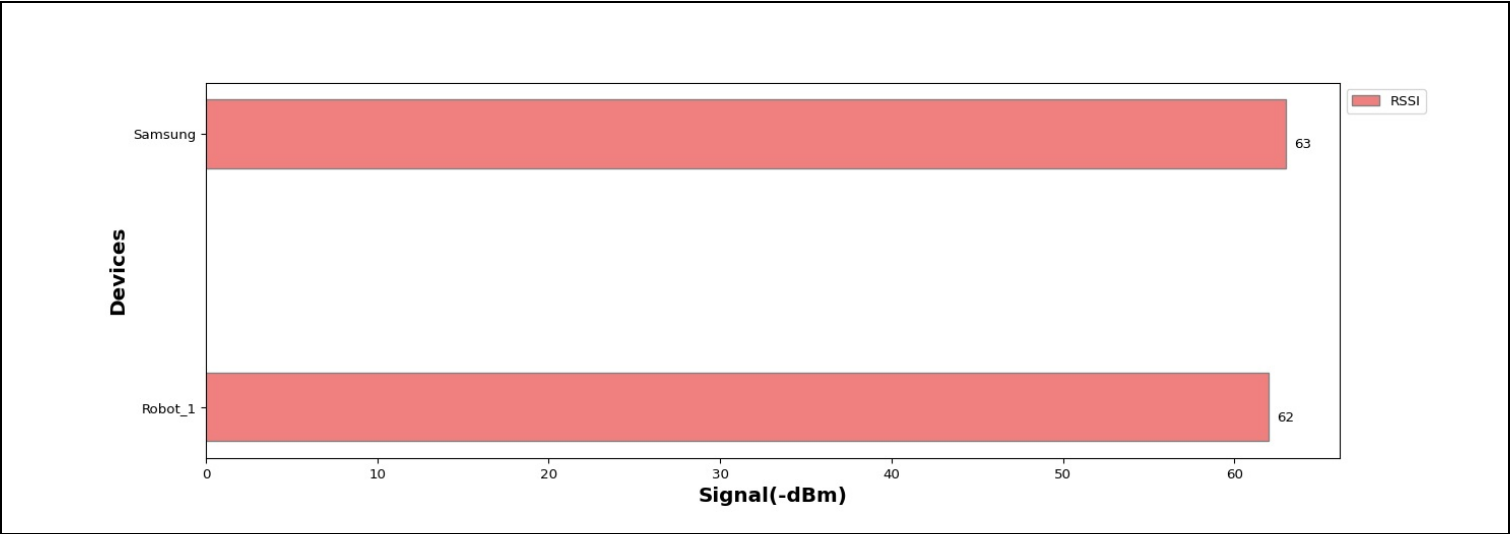
Real Time Throughput: Achieved Throughput: Download : 11.3 Mbps



Per Client Avg-Throughput



RSSI Of The Clients Connected



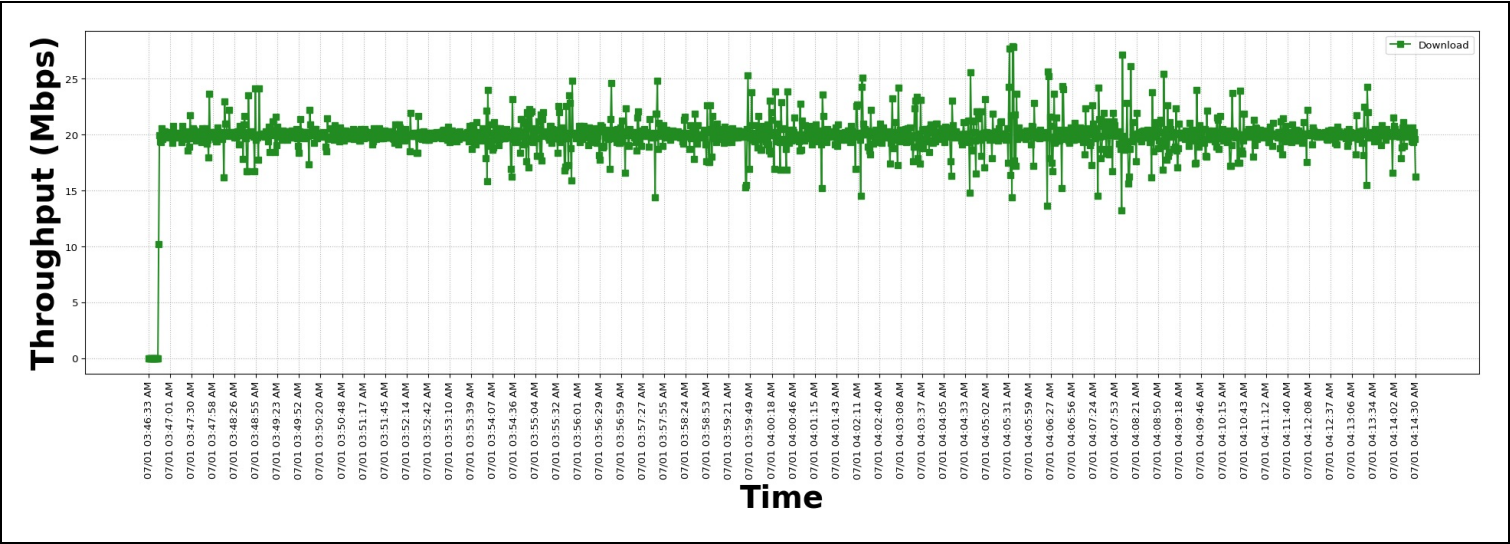
Detailed Result Table

The below tables provides detailed information for the throughput test on each device.

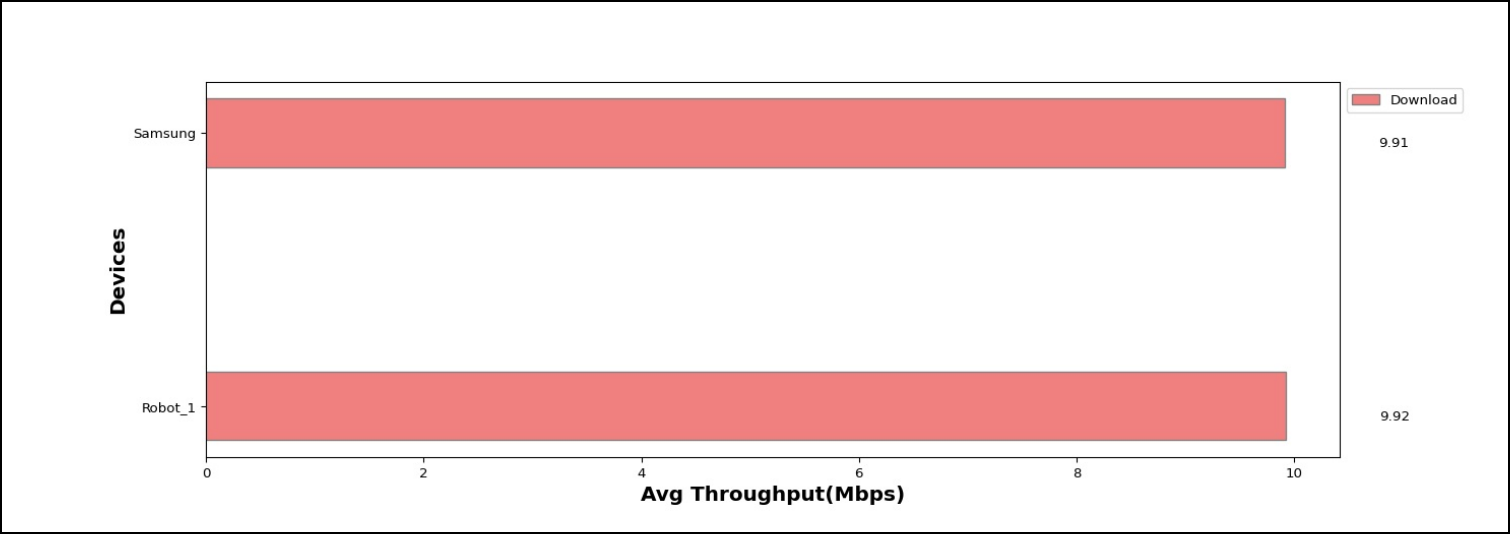
Device Type	Username	SSID	MAC	Channel	Mode	BSSID	Offered download rate	Observed Average download rate	Offered upload rate	Observed Average upload rate	RSSI	Packet Size(Bytes)	Average Rx Drop A%	Average Rx Drop B%
Android	Robot_1	NOKIA-5A20	ca:0d:ef:54:b8:0d	44	802.11abgn-AX 80	14:55:B9:6D:64:0A	10.0Mbps	2.95 Mbps	0.0Mbps	0 Mbps	-62 dbm	1500	0.96	0.0
Android	Samsung	NOKIA-5A20	8e:0a:ef:d7:48:f6	44	802.11abgn-AC 80	14:55:B9:6D:64:0A	10.0Mbps	8.35 Mbps	0.0Mbps	0 Mbps	-63 dbm	1500	3.14	0.0

Throughput Test Details ? Robot Position: Point 20

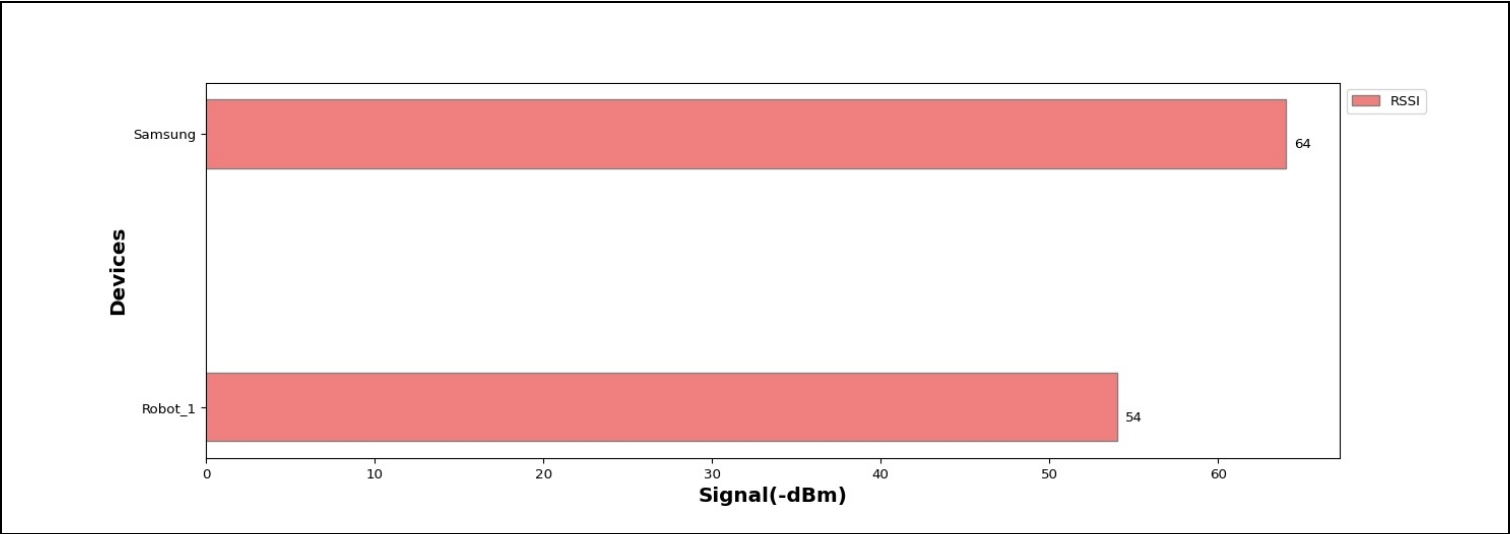
Real Time Throughput: Achieved Throughput: Download : 19.83 Mbps



Per Client Avg-Throughput



RSSI Of The Clients Connected



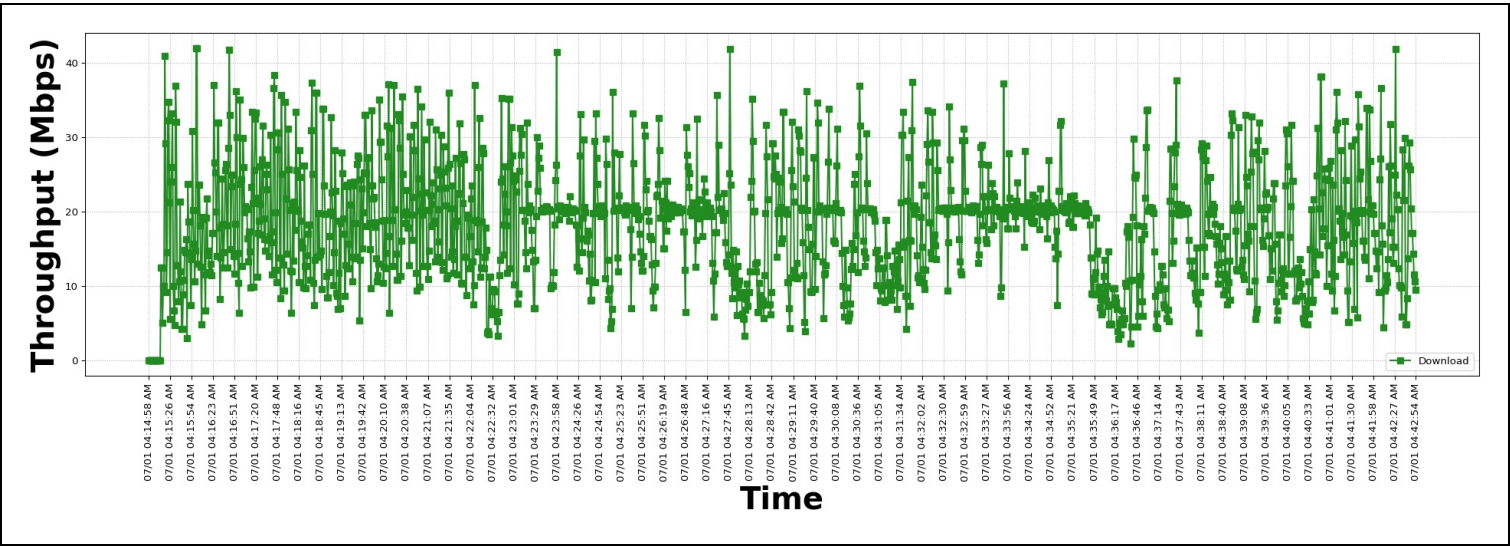
Detailed Result Table

The below tables provides detailed information for the throughput test on each device.

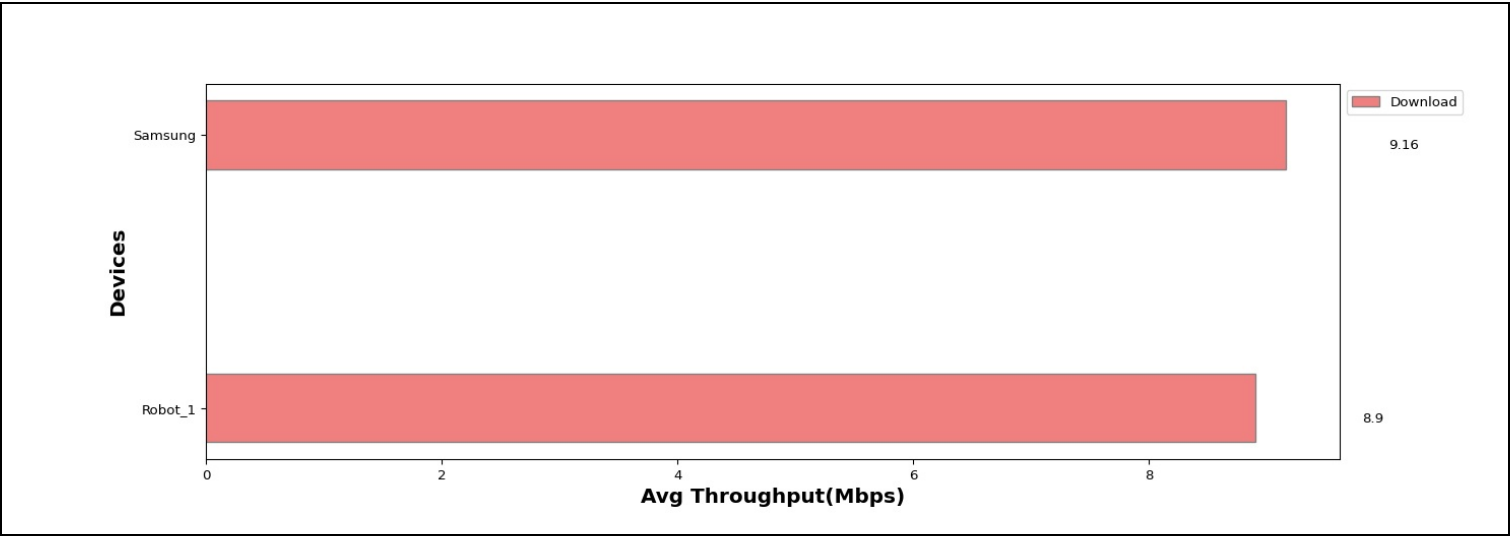
Device Type	Username	SSID	MAC	Channel	Mode	BSSID	Offered download rate	Observed Average download rate	Offered upload rate	Observed Average upload rate	RSSI	Packet Size(Bytes)	Average Rx Drop A%	Average Rx Drop B%
Android	Robot_1	NOKIA-5A20	ca:0d:ef:54:b8:0d	44	802.11abgn-AX 80	14:55:B9:6D:64:0A	10.0Mbps	9.92 Mbps	0.0Mbps	0 Mbps	-54 dbm	1500	0.00	0.0
Android	Samsung	NOKIA-5A20	8e:0a:ef:d7:48:f6	44	802.11abgn-AC 80	14:55:B9:6D:64:0A	10.0Mbps	9.91 Mbps	0.0Mbps	0 Mbps	-64 dbm	1500	0.01	0.0

Throughput Test Details ? Robot Position: Point 19

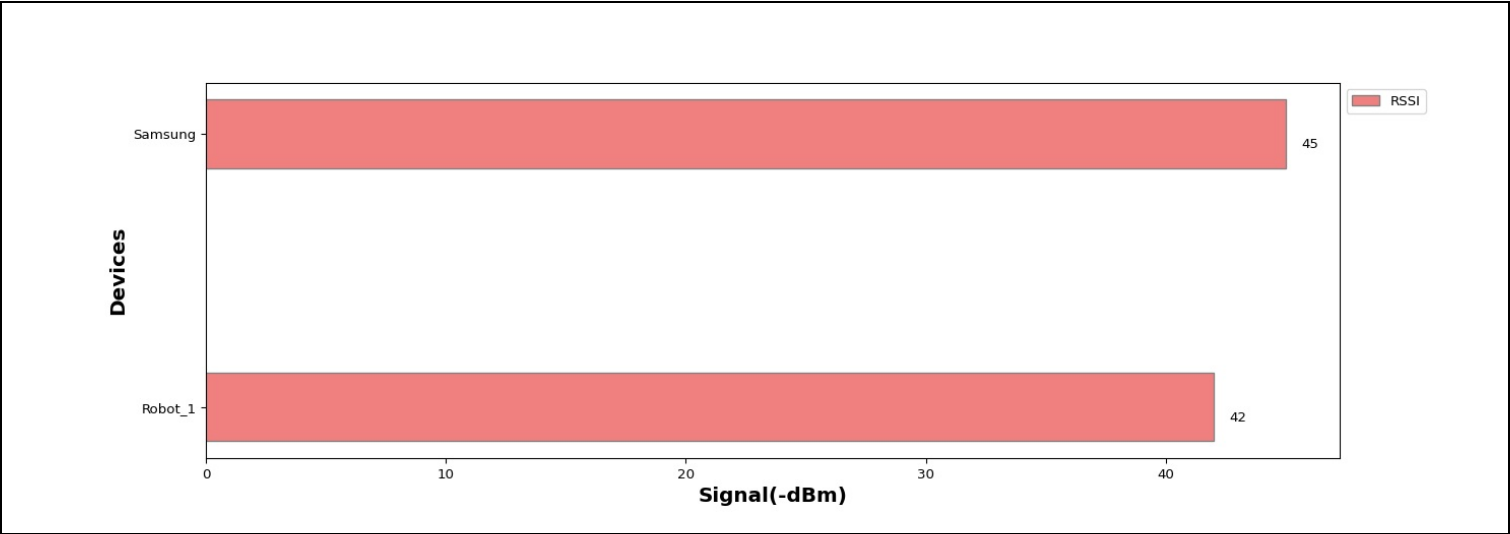
Real Time Throughput: Achieved Throughput: Download : 18.06 Mbps



Per Client Avg-Throughput



RSSI Of The Clients Connected



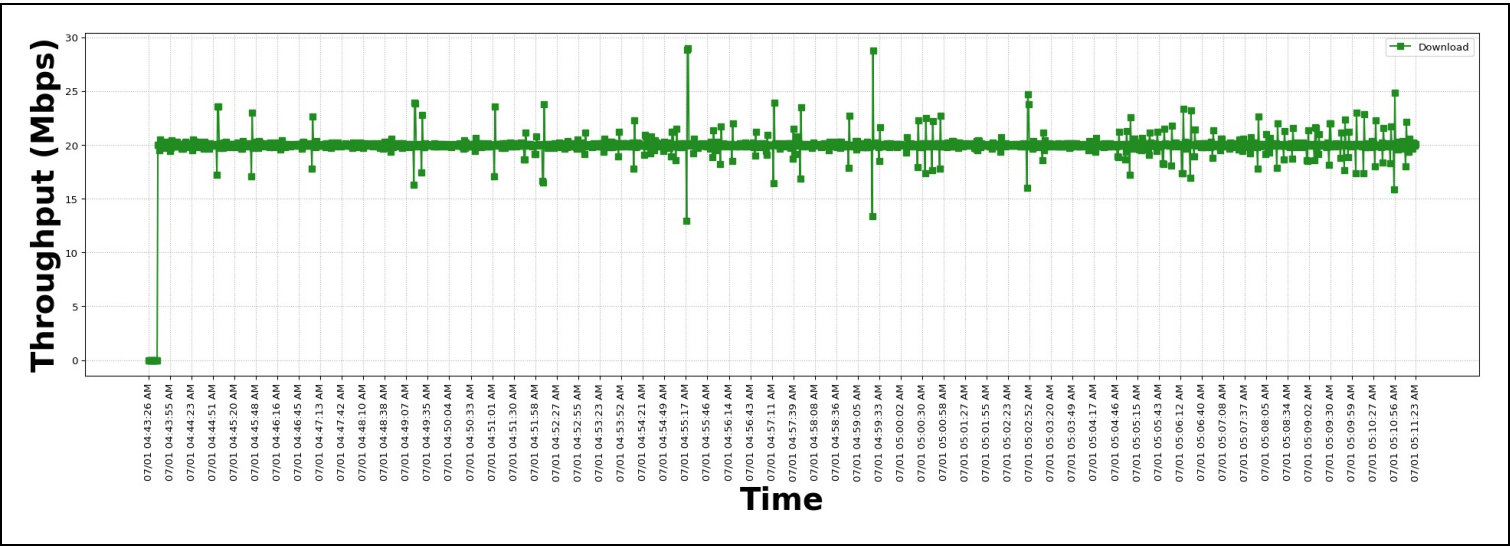
Detailed Result Table

The below tables provides detailed information for the throughput test on each device.

Device Type	Username	SSID	MAC	Channel	Mode	BSSID	Offered download rate	Observed Average download rate	Offered upload rate	Observed Average upload rate	RSSI	Packet Size(Bytes)	Average Rx Drop A%	Average Rx Drop B%
Android	Robot_1	NOKIA-5A20	ca:0d:ef:54:b8:0d	44	802.11abgn-AX 80	14:55:B9:6D:64:0A	10.0Mbps	8.9 Mbps	0.0Mbps	0 Mbps	-42 dbm	1500	0.37	0.0
Android	Samsung	NOKIA-5A20	8e:0a:ef:d7:48:f6	44	802.11abgn-AC 80	14:55:B9:6D:64:0A	10.0Mbps	9.16 Mbps	0.0Mbps	0 Mbps	-45 dbm	1500	0.12	0.0

Throughput Test Details ? Robot Position: Point 18

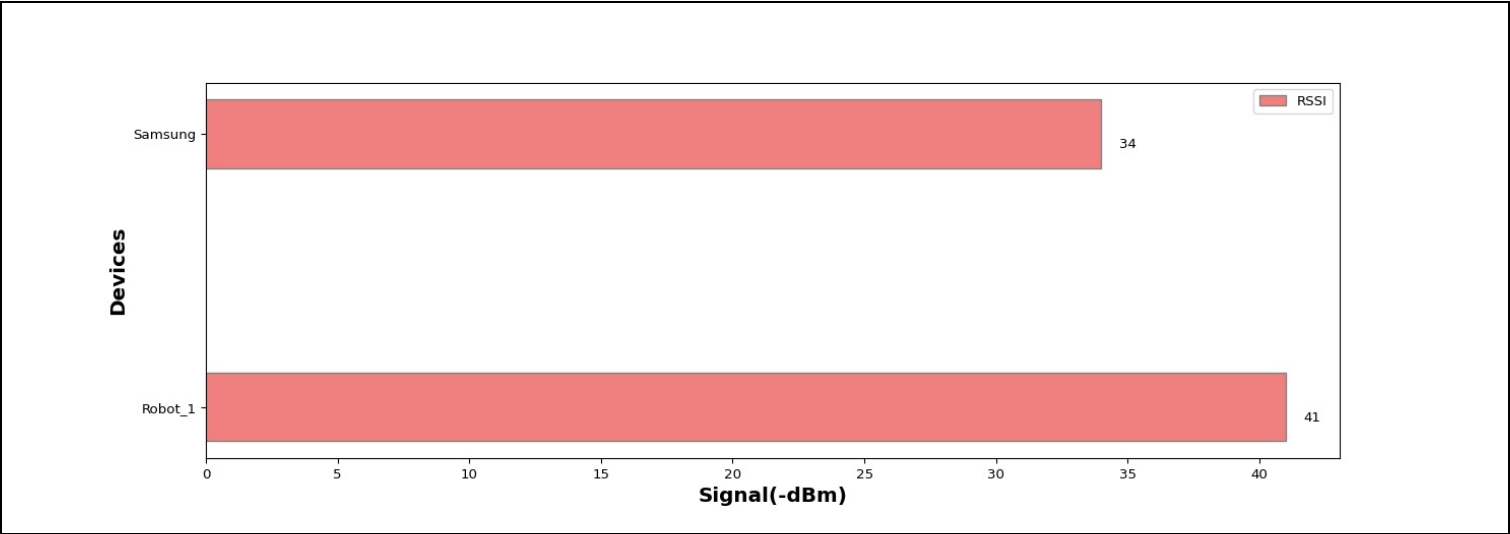
Real Time Throughput: Achieved Throughput: Download : 19.86 Mbps



Per Client Avg-Throughput



RSSI Of The Clients Connected



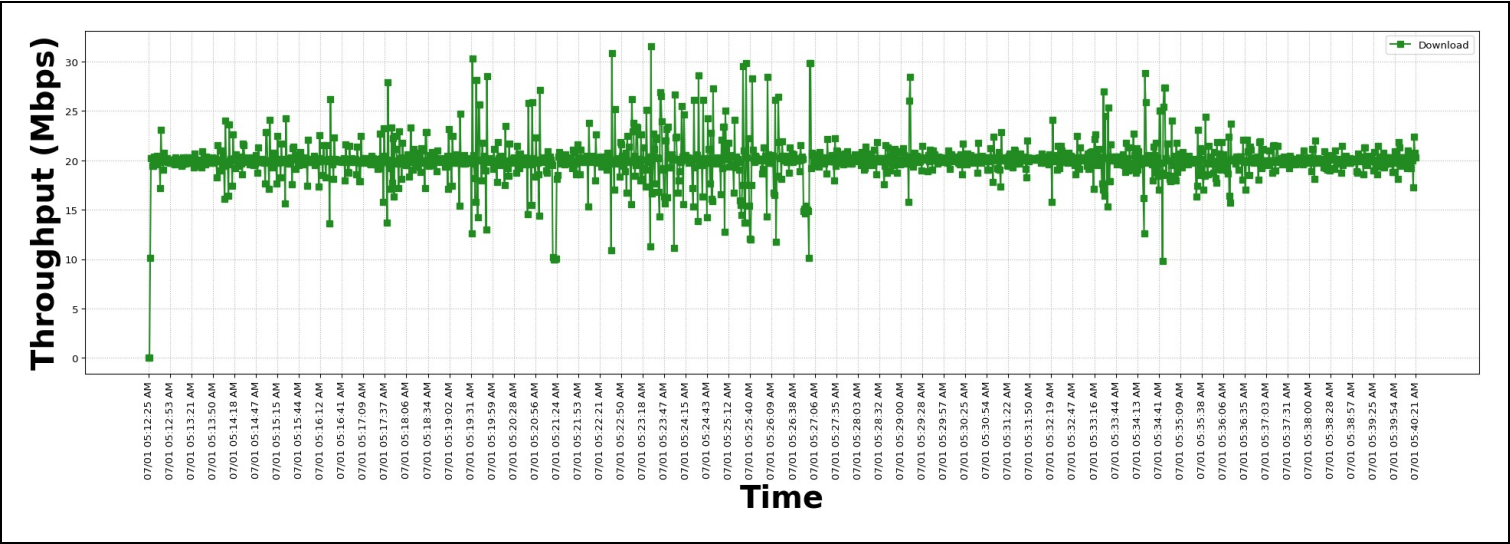
Detailed Result Table

The below tables provides detailed information for the throughput test on each device.

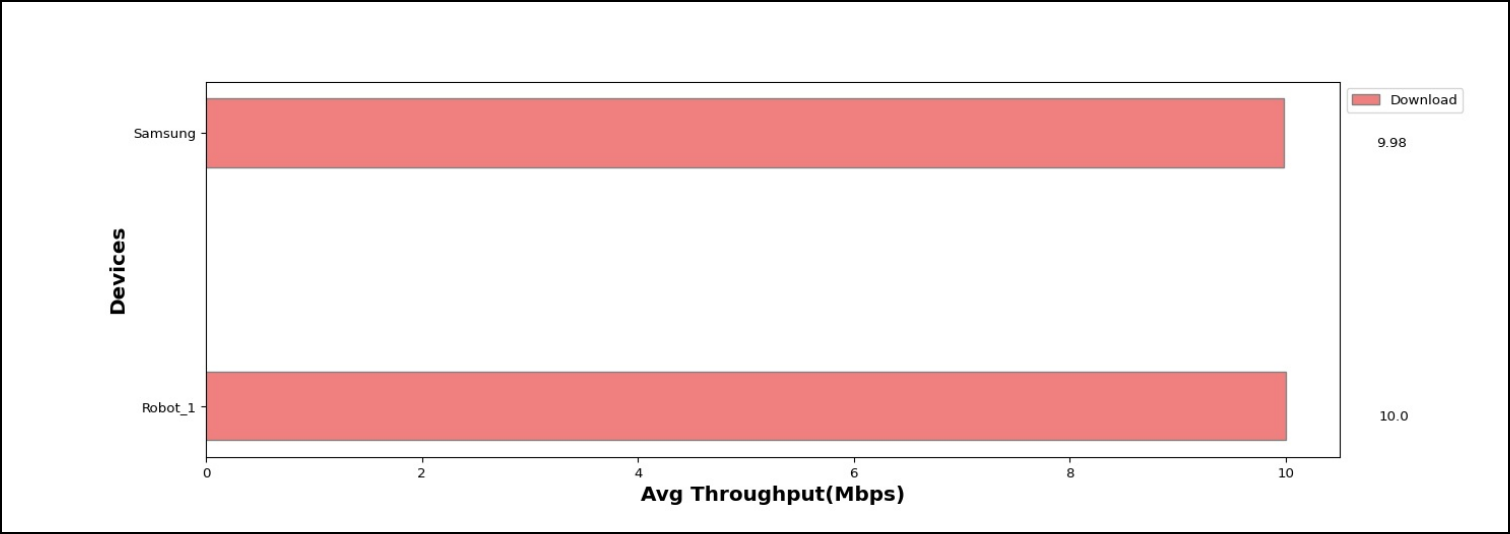
Device Type	Username	SSID	MAC	Channel	Mode	BSSID	Offered download rate	Observed Average download rate	Offered upload rate	Observed Average upload rate	RSSI	Packet Size(Bytes)	Average Rx Drop A%	Average Rx Drop B%
Android	Robot_1	NOKIA-5A20	ca:0d:ef:54:b8:0d	44	802.11abgn-AX 80	14:55:B9:6D:64:0A	10.0Mbps	9.94 Mbps	0.0Mbps	0 Mbps	-41 dbm	1500	0.0	0.0
Android	Samsung	NOKIA-5A20	8e:0a:ef:d7:48:f6	44	802.11abgn-AC 80	14:55:B9:6D:64:0A	10.0Mbps	9.92 Mbps	0.0Mbps	0 Mbps	-34 dbm	1500	0.0	0.0

Throughput Test Details ? Robot Position: Point 16

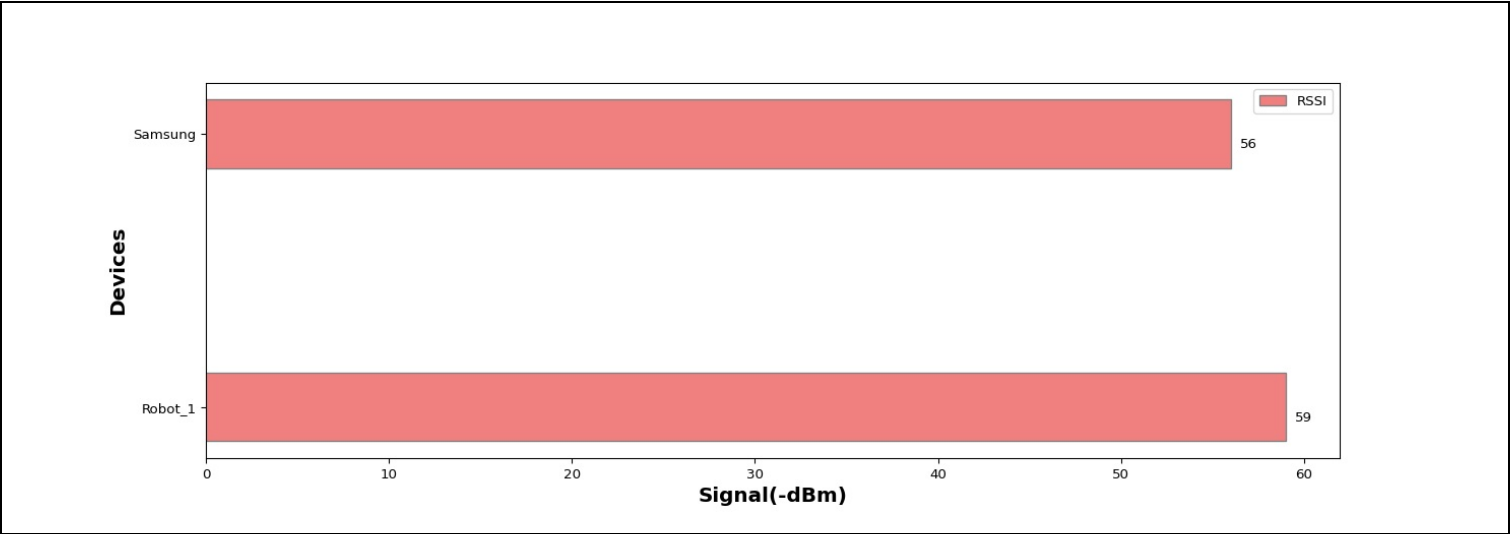
Real Time Throughput: Achieved Throughput: Download : 19.98 Mbps



Per Client Avg-Throughput



RSSI Of The Clients Connected



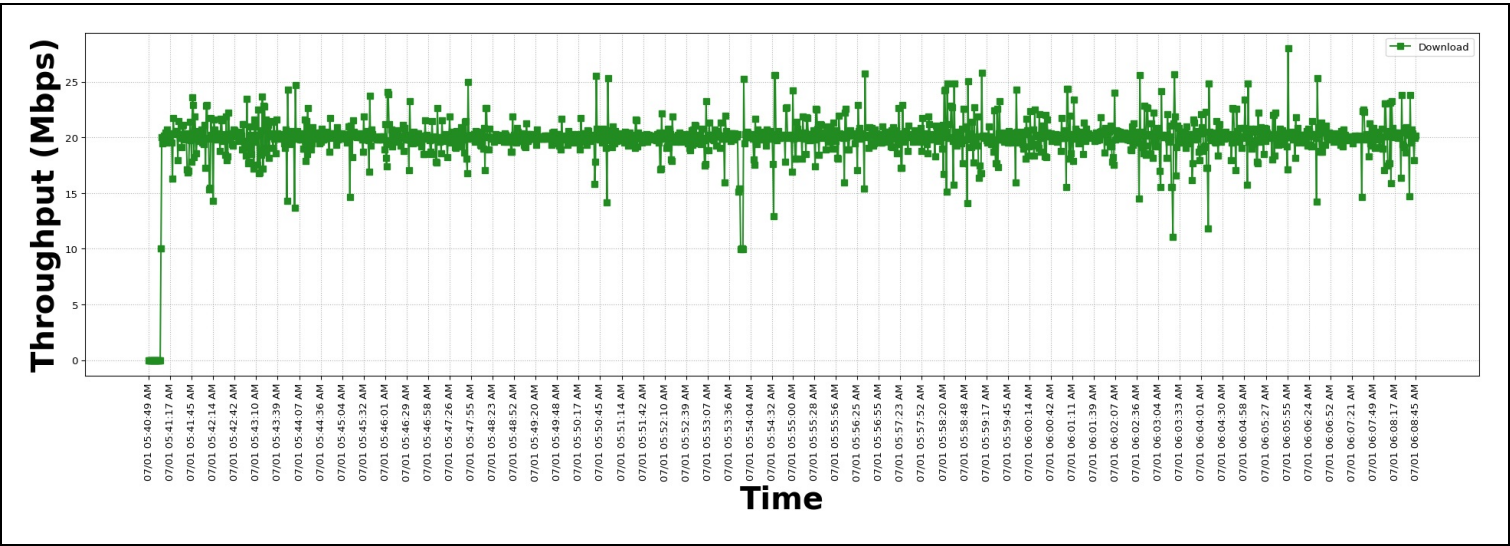
Detailed Result Table

The below tables provides detailed information for the throughput test on each device.

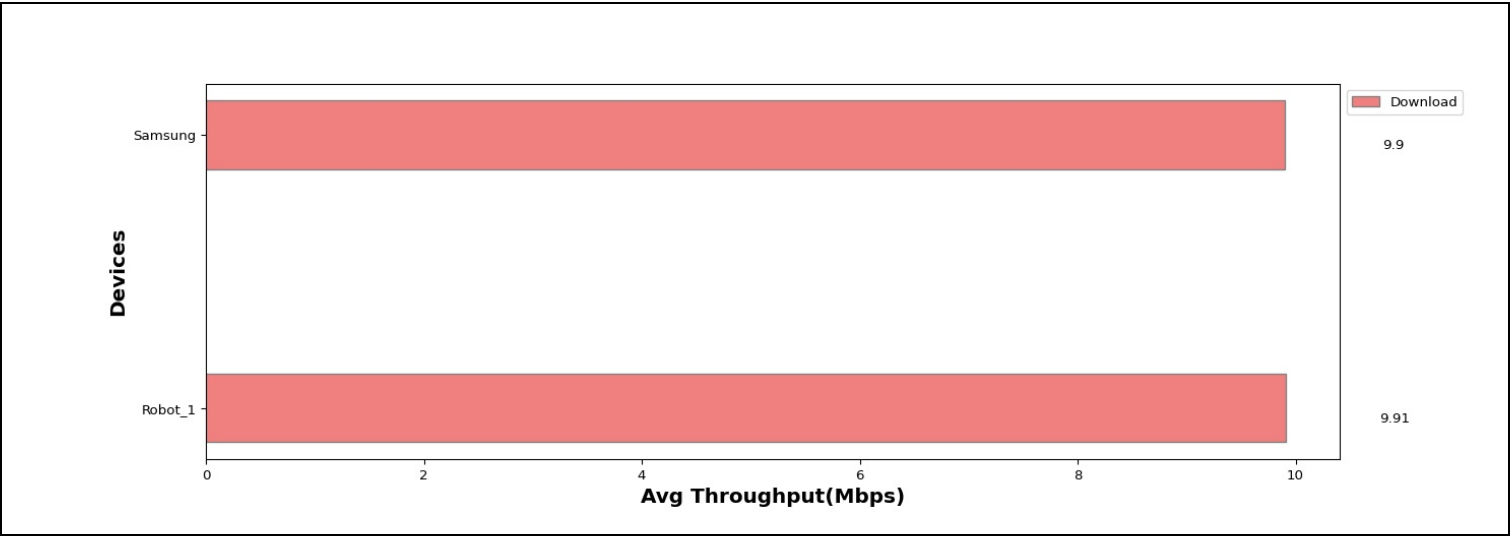
Device Type	Username	SSID	MAC	Channel	Mode	BSSID	Offered download rate	Observed Average download rate	Offered upload rate	Observed Average upload rate	RSSI	Packet Size(Bytes)	Average Rx Drop A%	Average Rx Drop B%
Android	Robot_1	NOKIA-5A20	ca:0d:ef:54:b8:0d	44	802.11abgn-AX 80	14:55:B9:6D:64:0A	10.0Mbps	10.0 Mbps	0.0Mbps	0 Mbps	-59 dbm	1500	36.44	0.0
Android	Samsung	NOKIA-5A20	8e:0a:ef:d7:48:f6	44	802.11abgn-AC 80	14:55:B9:6D:64:0A	10.0Mbps	9.98 Mbps	0.0Mbps	0 Mbps	-56 dbm	1500	0.00	0.0

Throughput Test Details ? Robot Position: Point 15

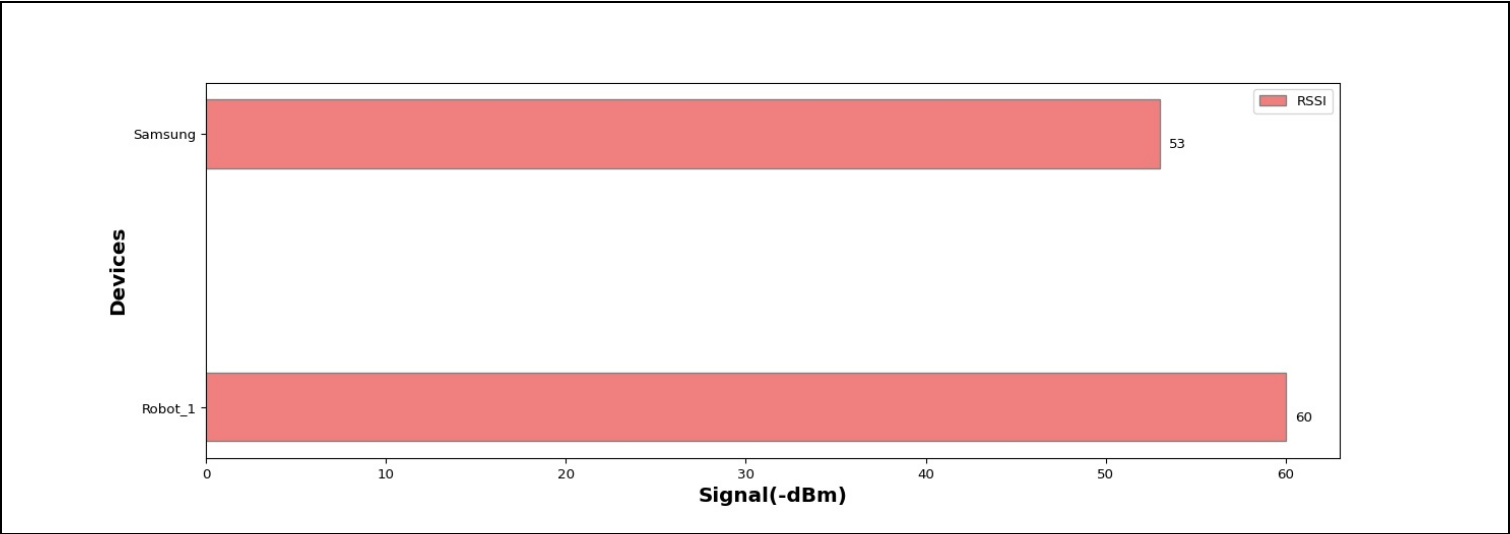
Real Time Throughput: Achieved Throughput: Download : 19.81 Mbps



Per Client Avg-Throughput



RSSI Of The Clients Connected



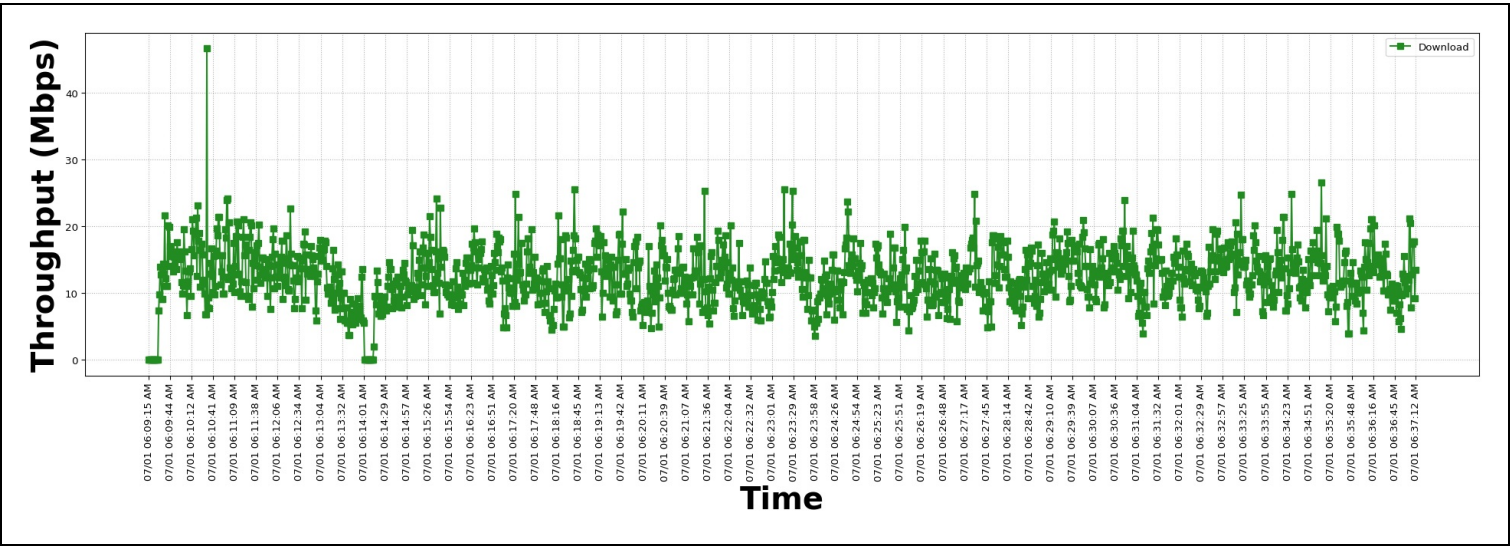
Detailed Result Table

The below tables provides detailed information for the throughput test on each device.

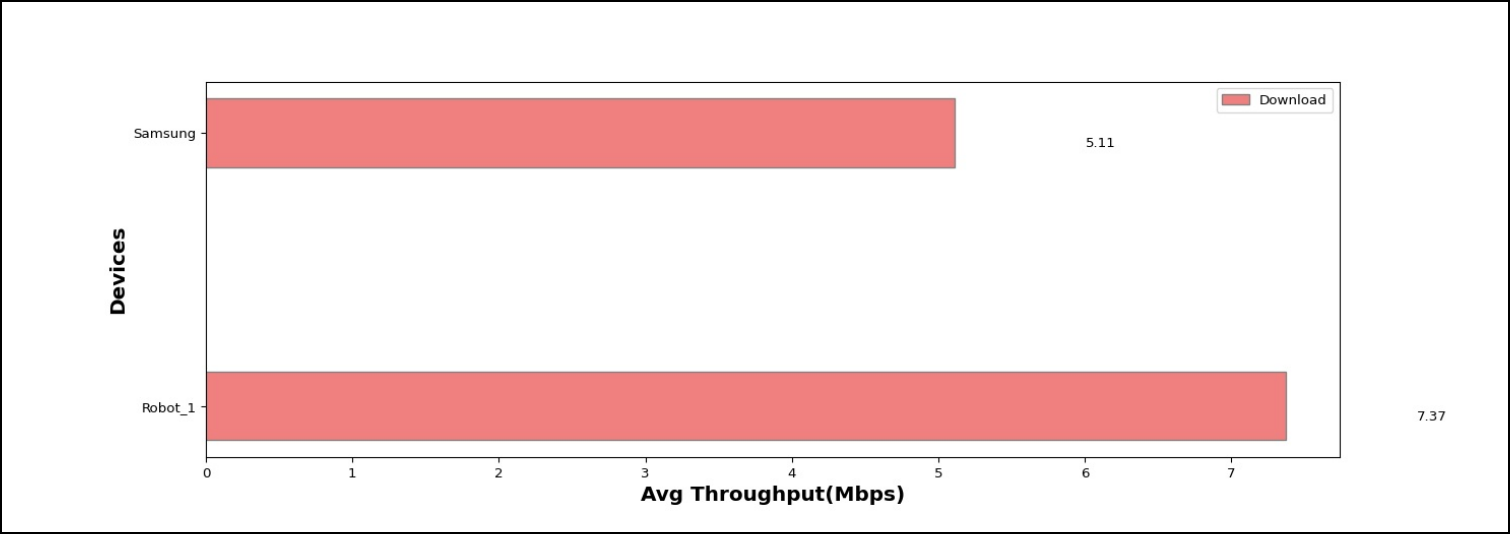
Device Type	Username	SSID	MAC	Channel	Mode	BSSID	Offered download rate	Observed Average download rate	Offered upload rate	Observed Average upload rate	RSSI	Packet Size(Bytes)	Average Rx Drop A%	Average Rx Drop B%
Android	Robot_1	NOKIA-5A20	ca:0d:ef:54:b8:0d	44	802.11abgn-AX 80	14:55:B9:6D:64:0A	10.0Mbps	9.91 Mbps	0.0Mbps	0 Mbps	-60 dbm	1500	0.01	0.0
Android	Samsung	NOKIA-5A20	8e:0a:ef:d7:48:f6	44	802.11abgn-AC 80	14:55:B9:6D:64:0A	10.0Mbps	9.9 Mbps	0.0Mbps	0 Mbps	-53 dbm	1500	0.00	0.0

Throughput Test Details ? Robot Position: Point 14

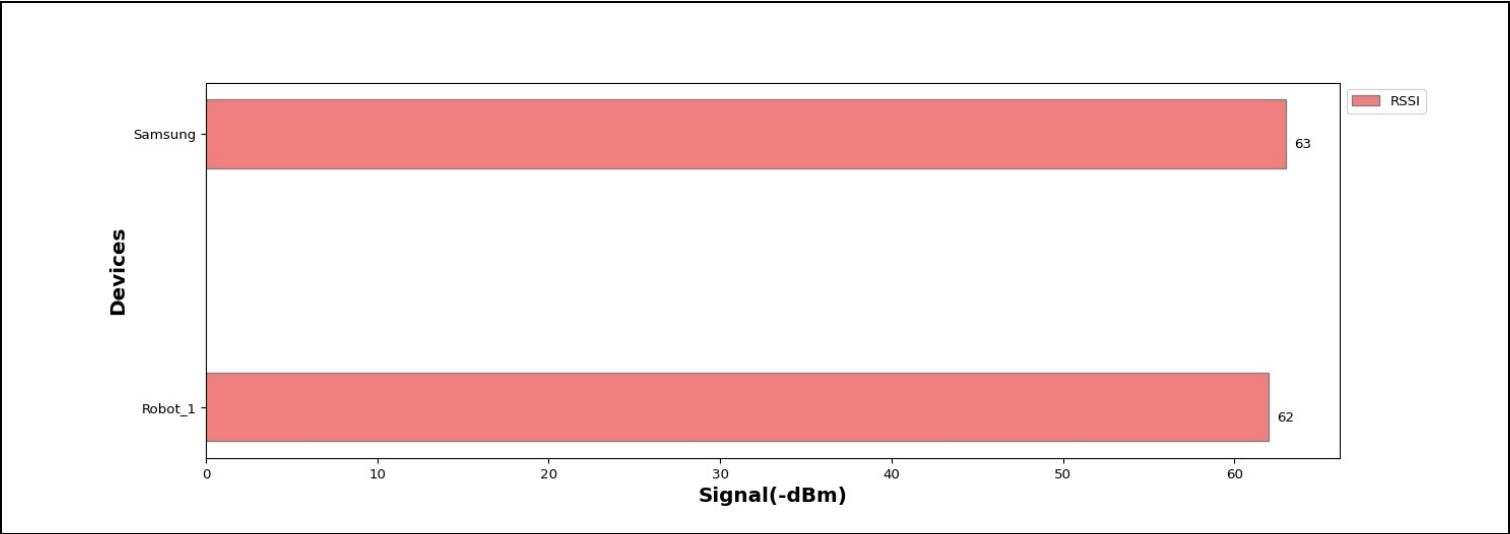
Real Time Throughput: Achieved Throughput: Download : 12.48 Mbps



Per Client Avg-Throughput



RSSI Of The Clients Connected



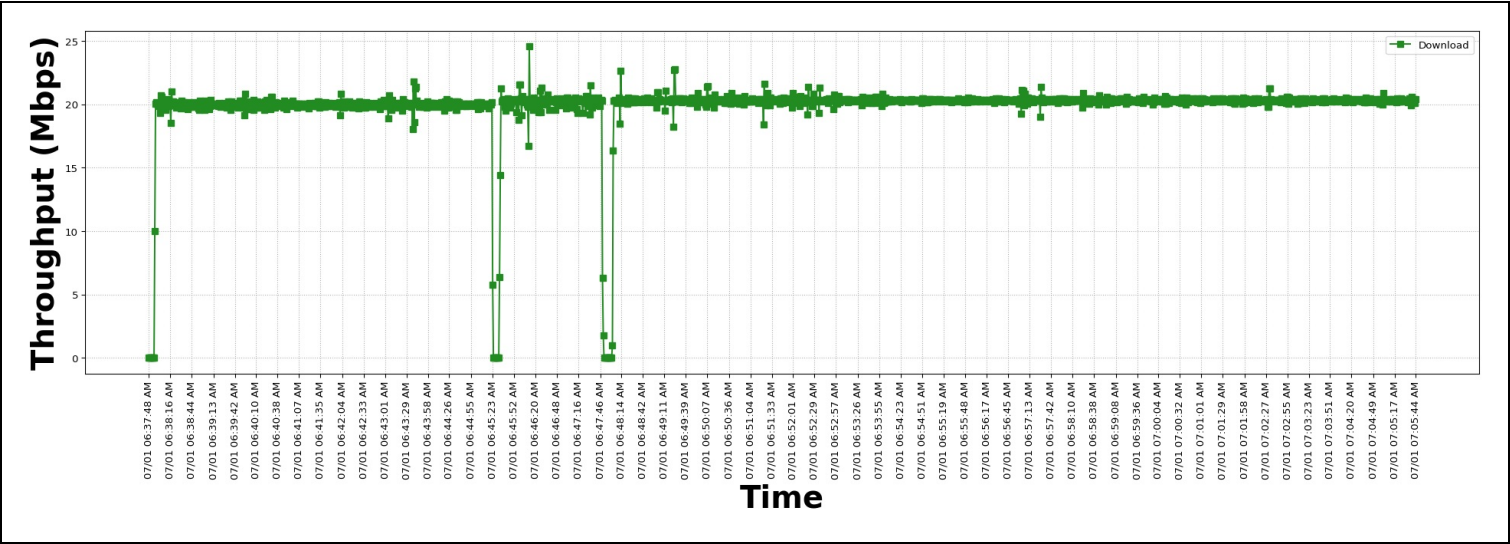
Detailed Result Table

The below tables provides detailed information for the throughput test on each device.

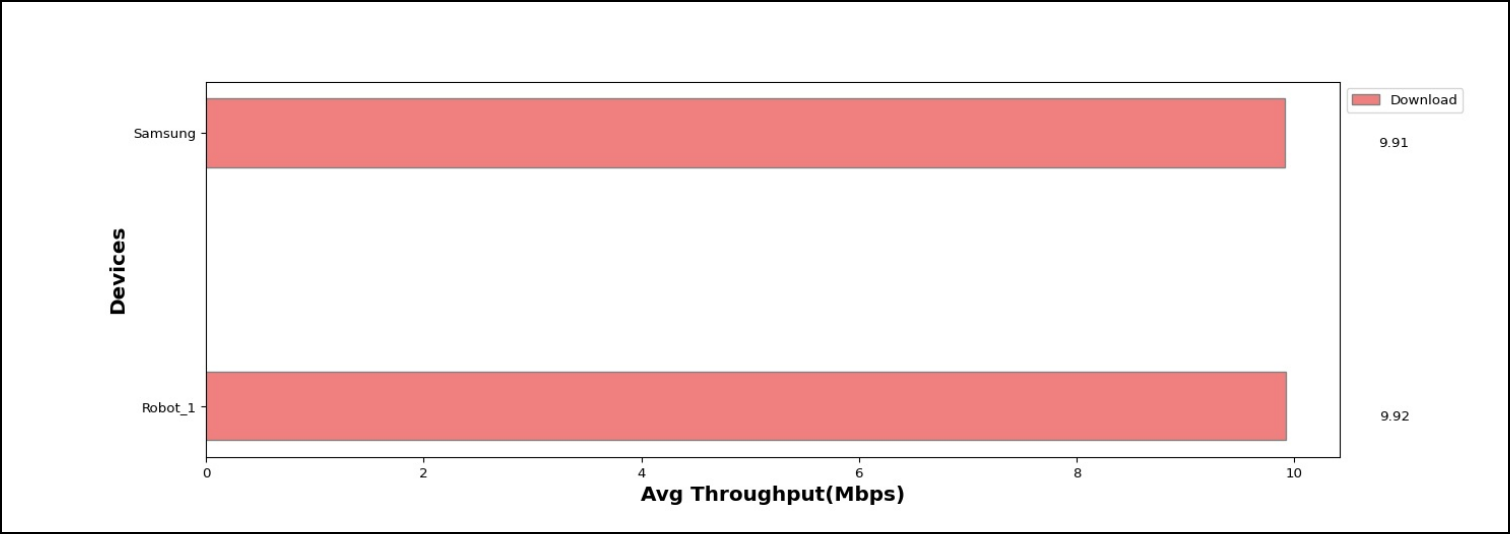
Device Type	Username	SSID	MAC	Channel	Mode	BSSID	Offered download rate	Observed Average download rate	Offered upload rate	Observed Average upload rate	RSSI	Packet Size(Bytes)	Average Rx Drop A%	Average Rx Drop B%
Android	Robot_1	NOKIA-5A20	ca:0d:ef:54:b8:0d	44	802.11abgn-AX 80	14:55:B9:6D:64:0A	10.0Mbps	7.37 Mbps	0.0Mbps	0 Mbps	-62 dbm	1500	0.27	0.0
Android	Samsung	NOKIA-5A20	8e:0a:ef:d7:48:f6	44	802.11abgn-AC 80	14:55:B9:6D:64:0A	10.0Mbps	5.11 Mbps	0.0Mbps	0 Mbps	-63 dbm	1500	4.48	0.0

Throughput Test Details ? Robot Position: Point 13

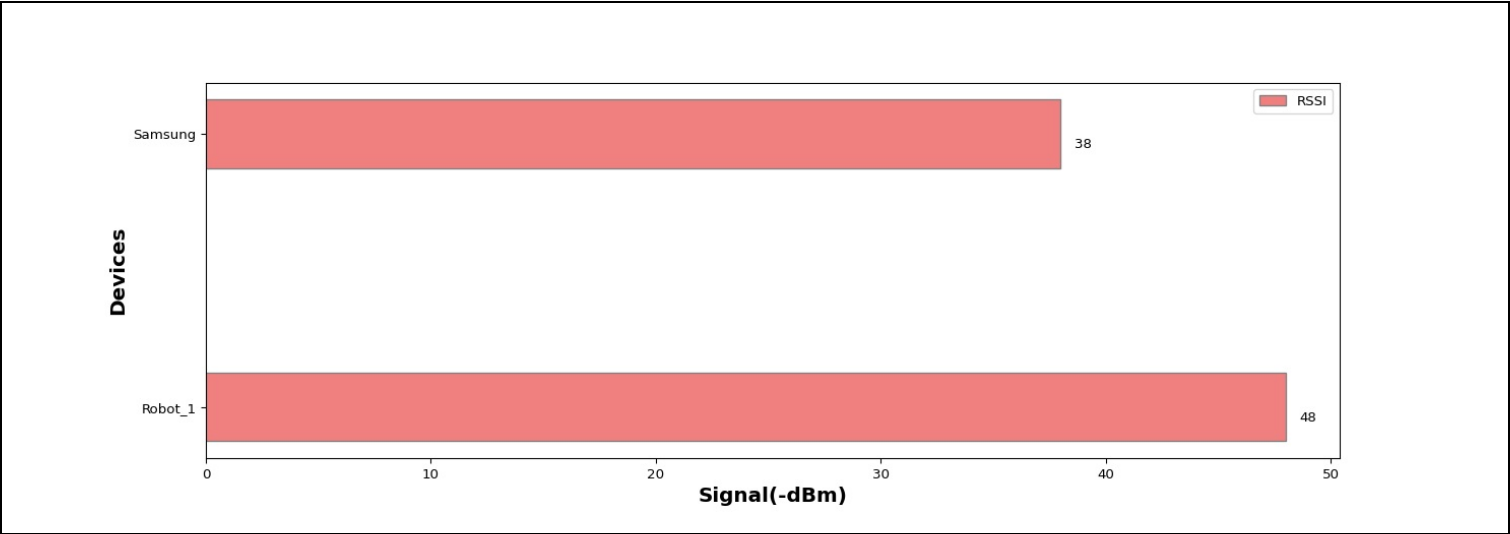
Real Time Throughput: Achieved Throughput: Download : 19.83 Mbps



Per Client Avg-Throughput



RSSI Of The Clients Connected



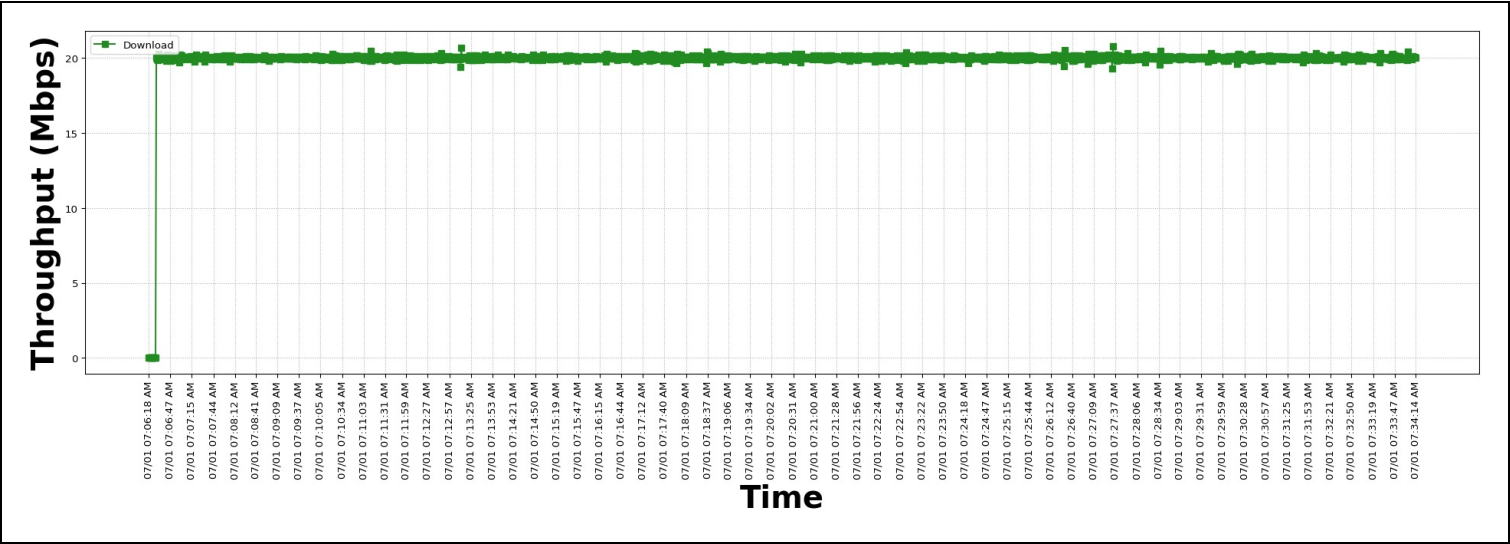
Detailed Result Table

The below tables provides detailed information for the throughput test on each device.

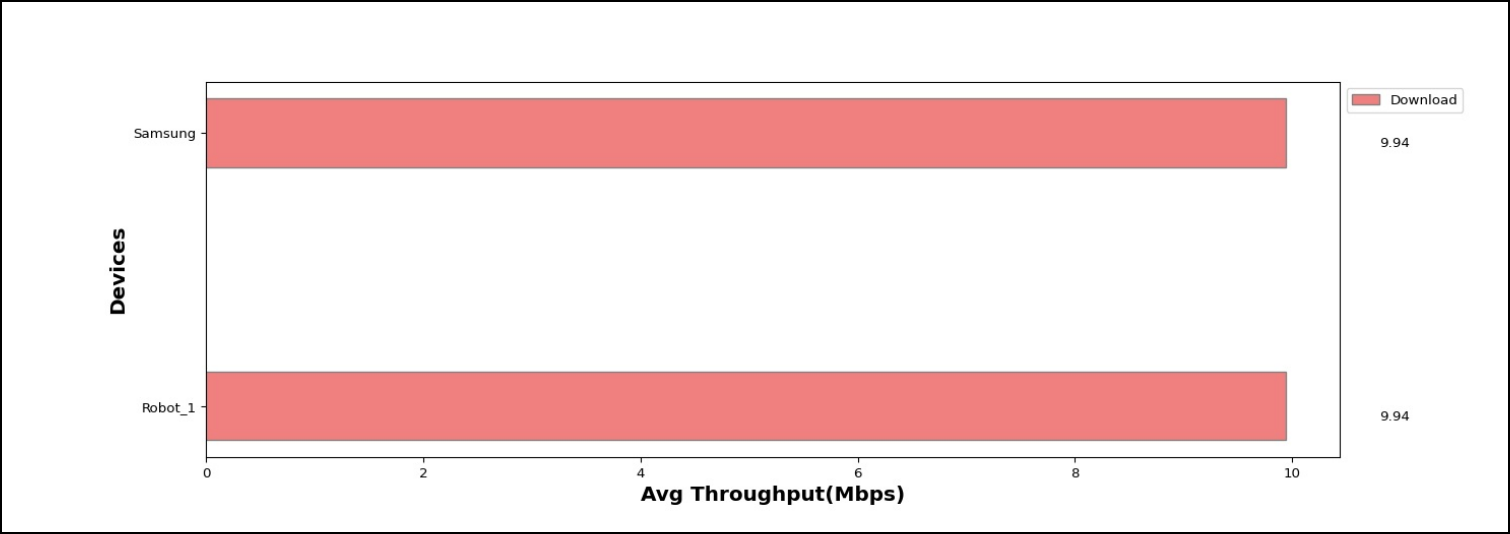
Device Type	Username	SSID	MAC	Channel	Mode	BSSID	Offered download rate	Observed Average download rate	Offered upload rate	Observed Average upload rate	RSSI	Packet Size(Bytes)	Average Rx Drop A%	Average Rx Drop B%
Android	Robot_1	NOKIA-5A20	ca:0d:ef:54:b8:0d	44	802.11abgn-AX 80	14:55:B9:6D:64:0A	10.0Mbps	9.92 Mbps	0.0Mbps	0 Mbps	-48 dbm	1500	0.0	0.0
Android	Samsung	NOKIA-5A20	8e:0a:ef:d7:48:f6	44	802.11abgn-AC 80	14:55:B9:6D:64:0A	10.0Mbps	9.91 Mbps	0.0Mbps	0 Mbps	-38 dbm	1500	0.0	0.0

Throughput Test Details ? Robot Position: Point 12

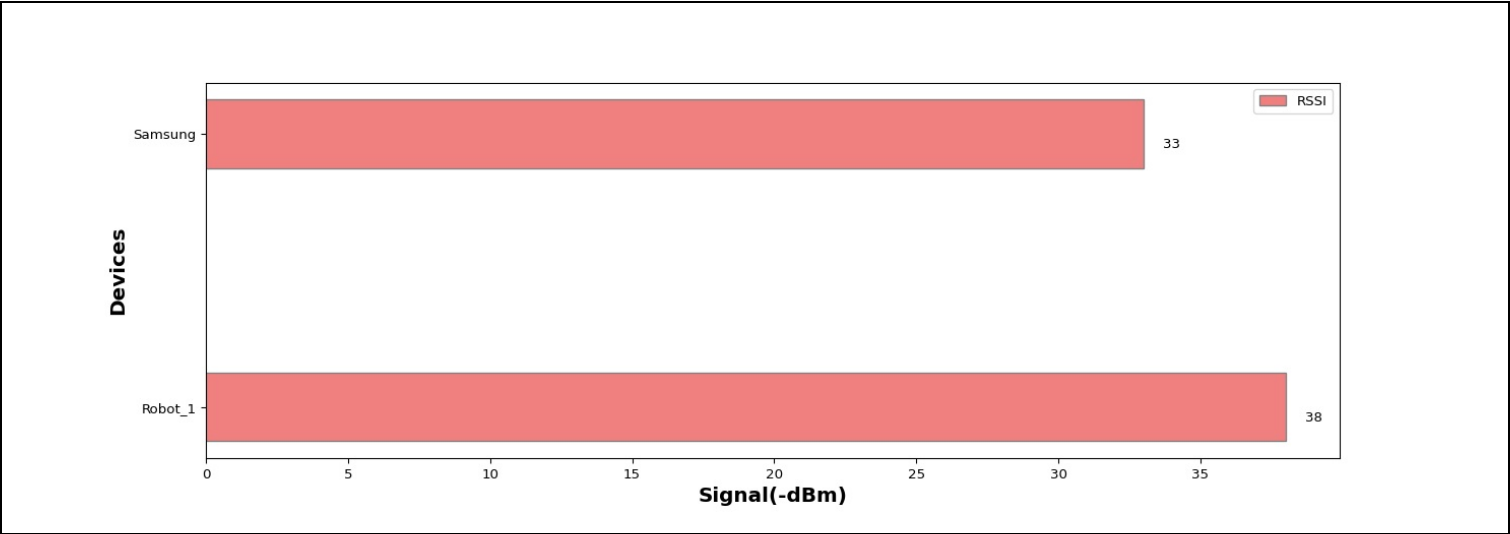
Real Time Throughput: Achieved Throughput: Download : 19.88 Mbps



Per Client Avg-Throughput



RSSI Of The Clients Connected



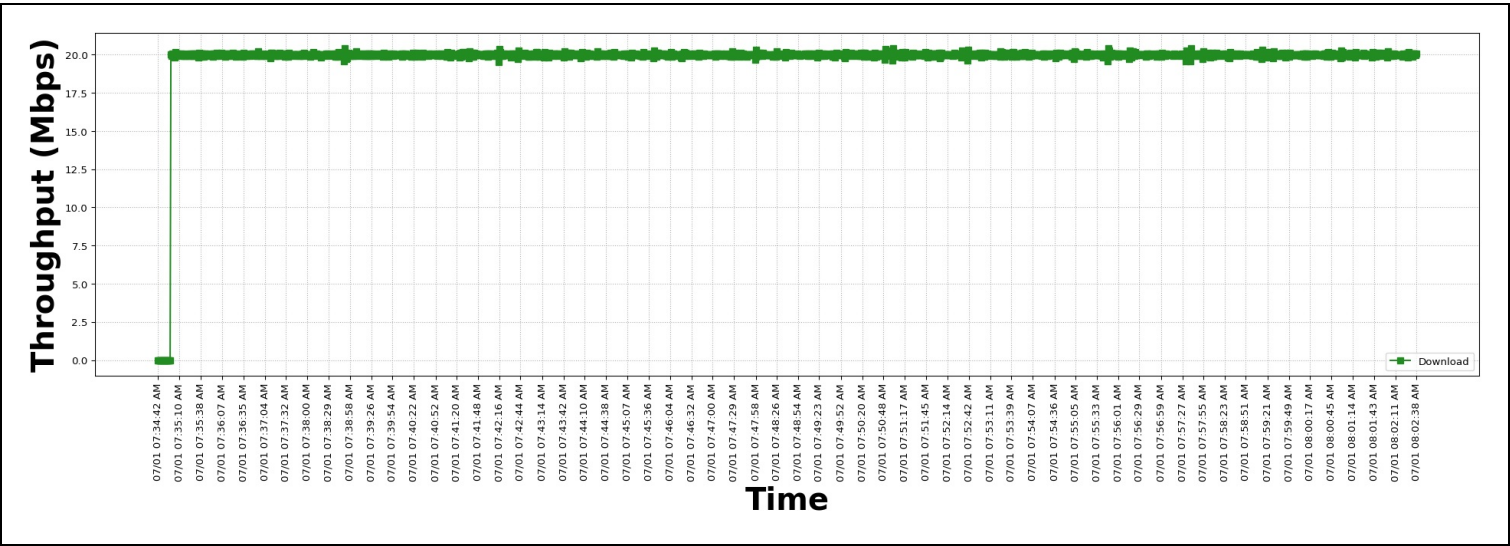
Detailed Result Table

The below tables provides detailed information for the throughput test on each device.

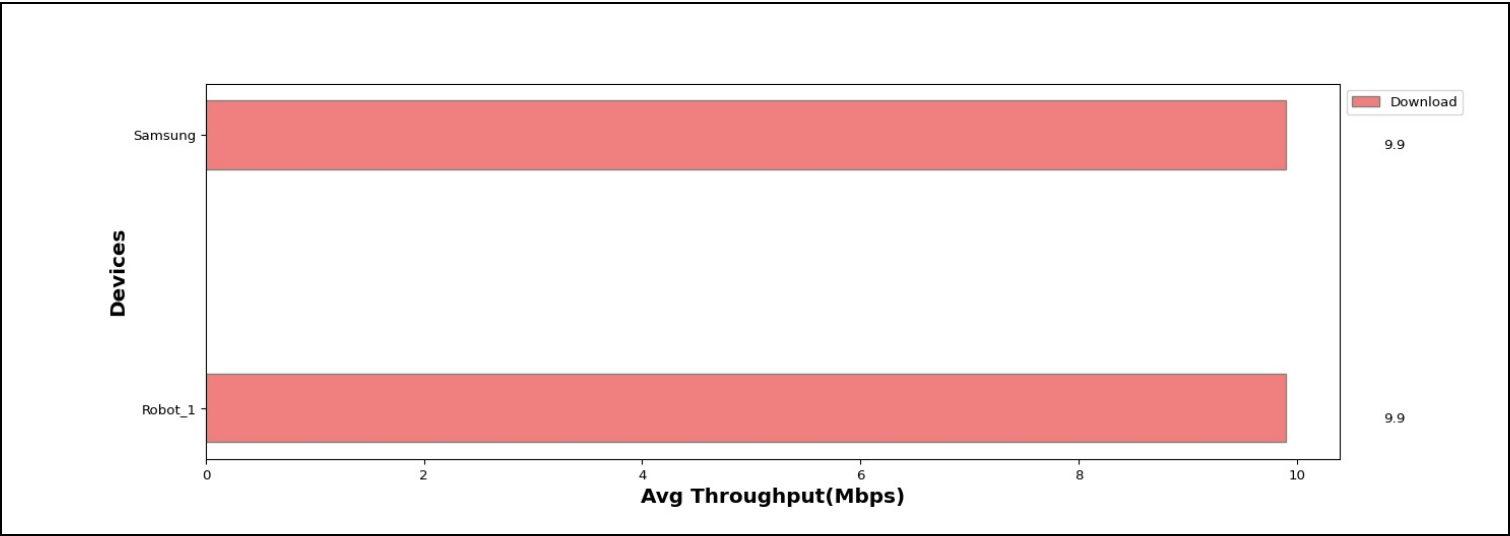
Device Type	Username	SSID	MAC	Channel	Mode	BSSID	Offered download rate	Observed Average download rate	Offered upload rate	Observed Average upload rate	RSSI	Packet Size(Bytes)	Average Rx Drop A%	Average Rx Drop B%
Android	Robot_1	NOKIA-5A20	ca:0d:ef:54:b8:0d	44	802.11abgn-AX 80	14:55:B9:6D:64:0A	10.0Mbps	9.94 Mbps	0.0Mbps	0 Mbps	-38 dbm	1500	0.0	0.0
Android	Samsung	NOKIA-5A20	8e:0a:ef:d7:48:f6	44	802.11abgn-AC 80	14:55:B9:6D:64:0A	10.0Mbps	9.94 Mbps	0.0Mbps	0 Mbps	-33 dbm	1500	0.0	0.0

Throughput Test Details ? Robot Position: Point 11

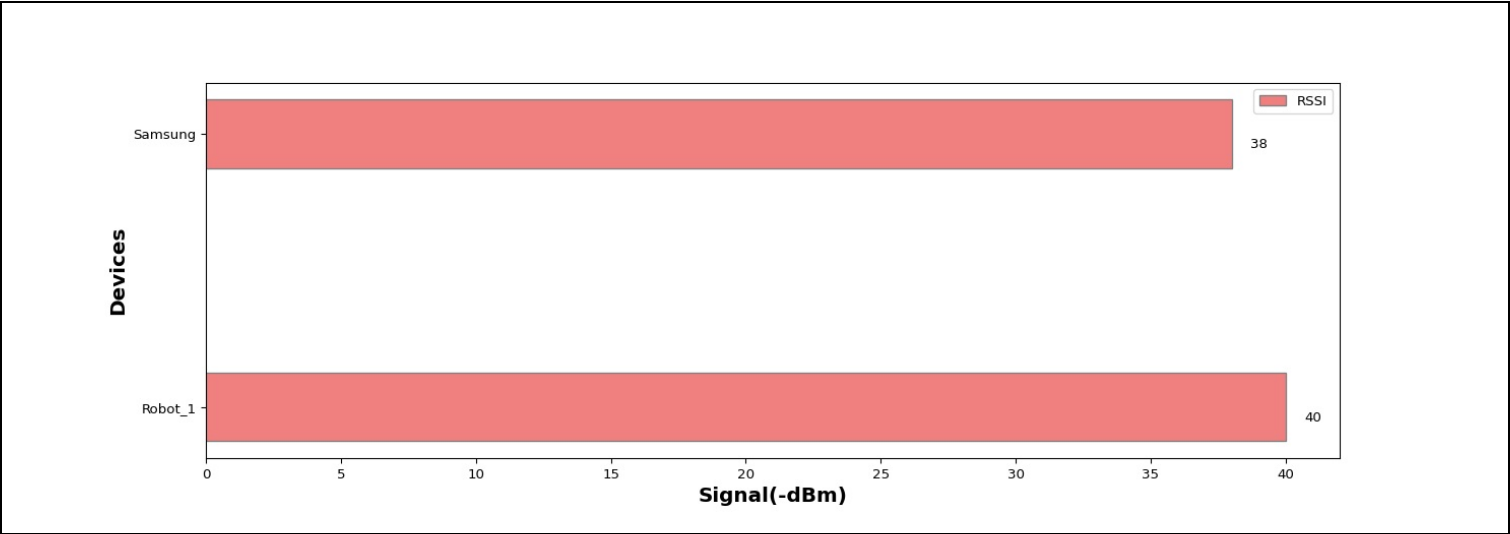
Real Time Throughput: Achieved Throughput: Download : 19.8 Mbps



Per Client Avg-Throughput



RSSI Of The Clients Connected



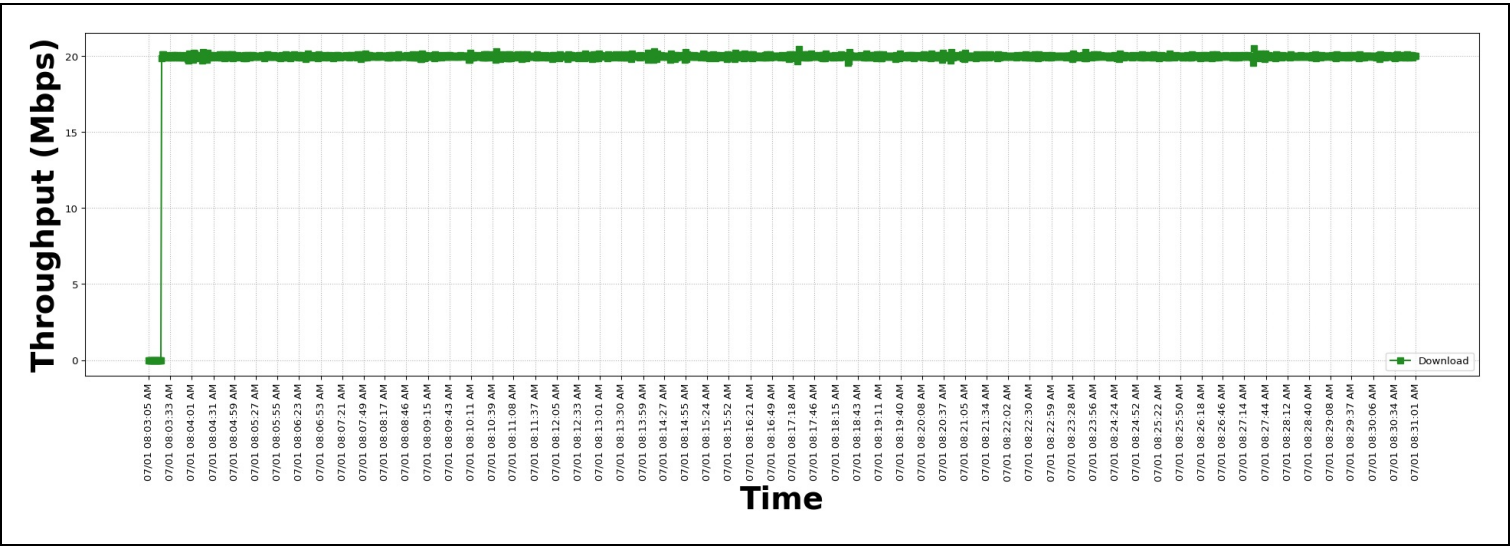
Detailed Result Table

The below tables provides detailed information for the throughput test on each device.

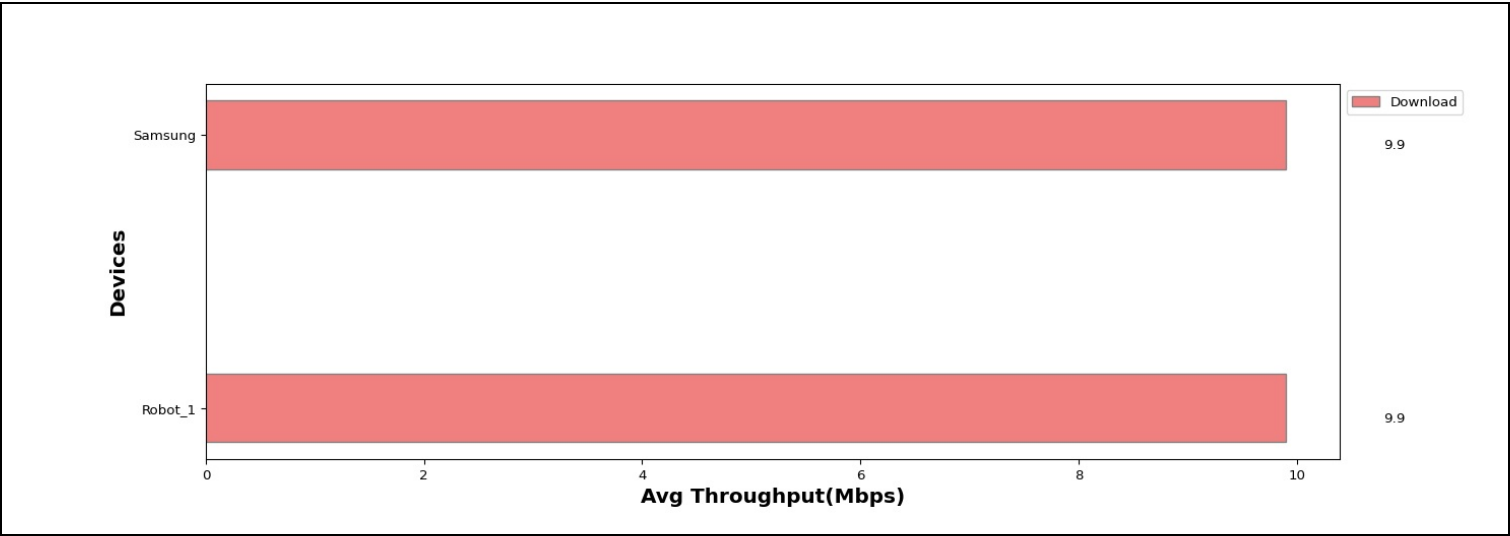
Device Type	Username	SSID	MAC	Channel	Mode	BSSID	Offered download rate	Observed Average download rate	Offered upload rate	Observed Average upload rate	RSSI	Packet Size(Bytes)	Average Rx Drop A%	Average Rx Drop B%
Android	Robot_1	NOKIA-5A20	ca:0d:ef:54:b8:0d	44	802.11abgn-AX 80	14:55:B9:6D:64:0A	10.0Mbps	9.9 Mbps	0.0Mbps	0 Mbps	-40 dbm	1500	0.0	0.0
Android	Samsung	NOKIA-5A20	8e:0a:ef:d7:48:f6	44	802.11abgn-AC 80	14:55:B9:6D:64:0A	10.0Mbps	9.9 Mbps	0.0Mbps	0 Mbps	-38 dbm	1500	0.0	0.0

Throughput Test Details ? Robot Position: Point 9

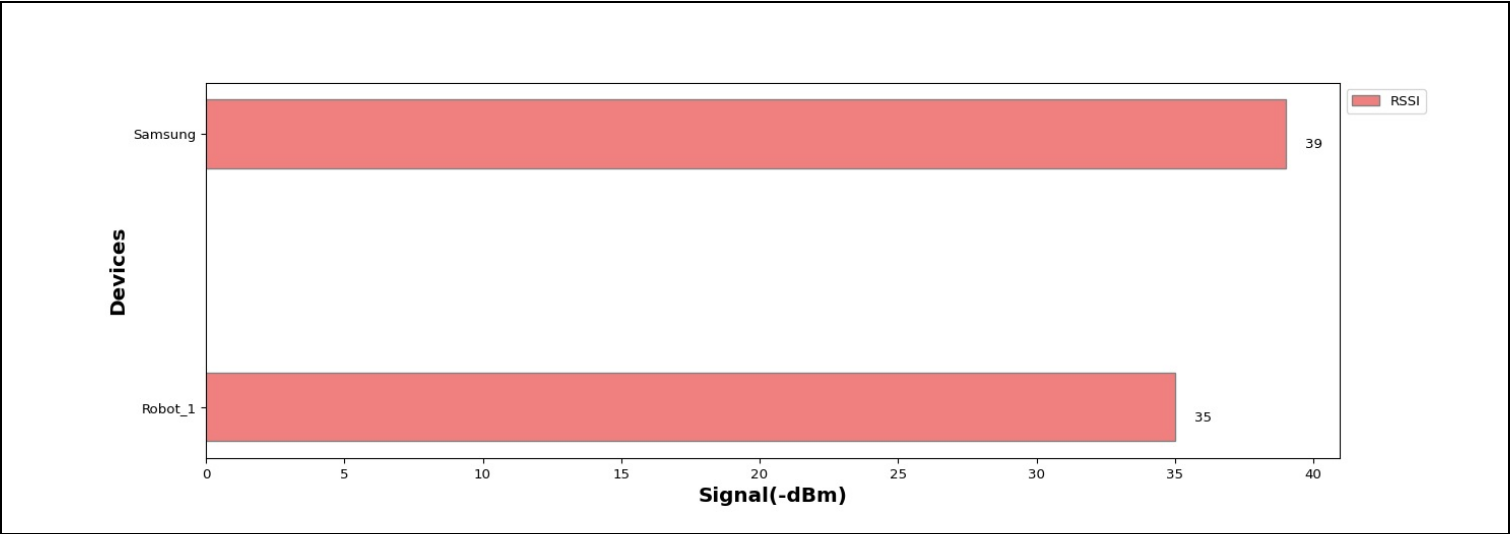
Real Time Throughput: Achieved Throughput: Download : 19.8 Mbps



Per Client Avg-Throughput



RSSI Of The Clients Connected



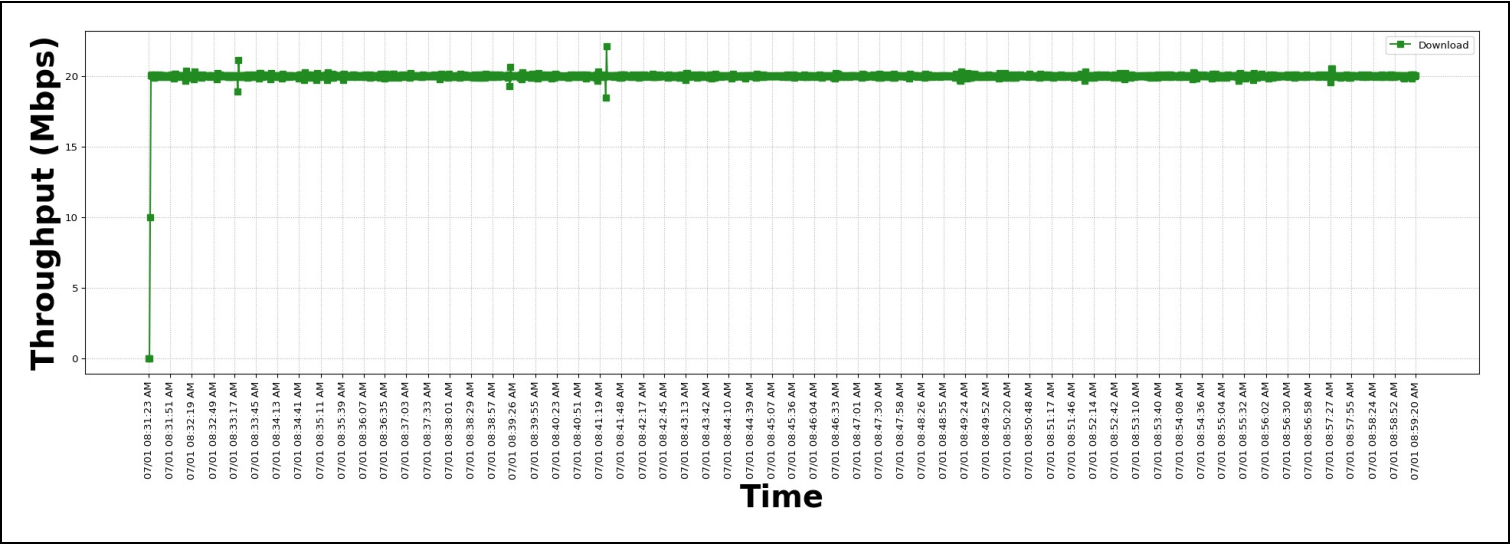
Detailed Result Table

The below tables provides detailed information for the throughput test on each device.

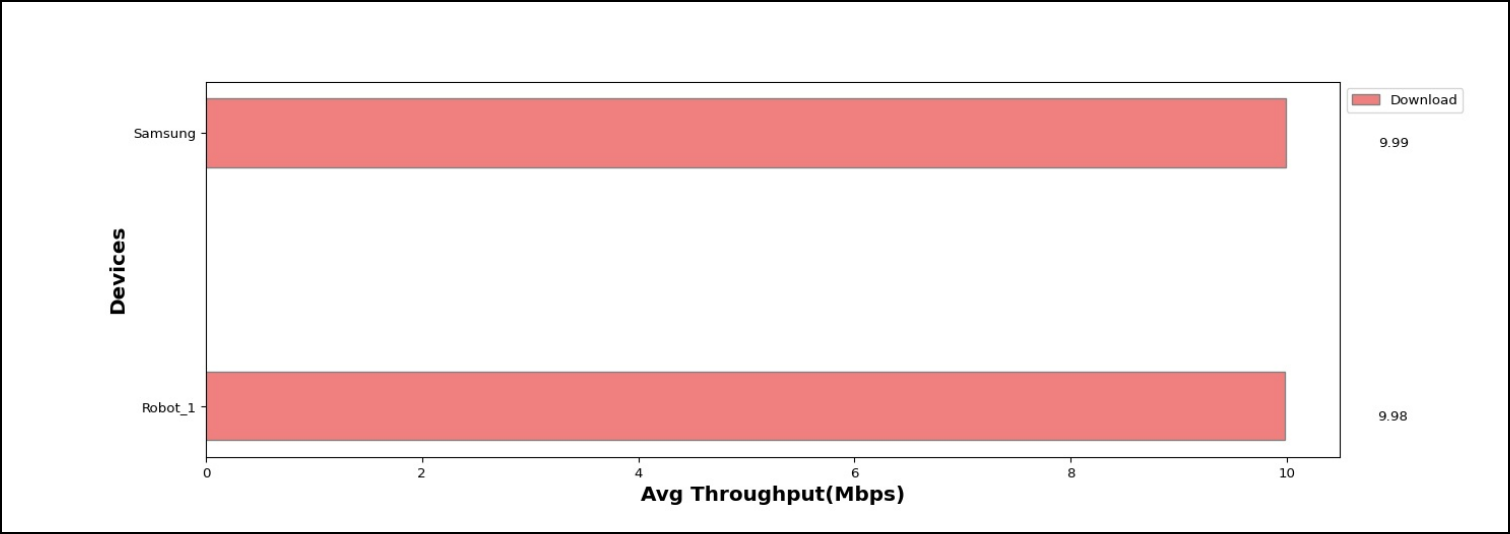
Device Type	Username	SSID	MAC	Channel	Mode	BSSID	Offered download rate	Observed Average download rate	Offered upload rate	Observed Average upload rate	RSSI	Packet Size(Bytes)	Average Rx Drop A%	Average Rx Drop B%
Android	Robot_1	NOKIA-5A20	ca:0d:ef:54:b8:0d	44	802.11abgn-AX 80	14:55:B9:6D:64:0A	10.0Mbps	9.9 Mbps	0.0Mbps	0 Mbps	-35 dbm	1500	0.0	0.0
Android	Samsung	NOKIA-5A20	8e:0a:ef:d7:48:f6	44	802.11abgn-AC 80	14:55:B9:6D:64:0A	10.0Mbps	9.9 Mbps	0.0Mbps	0 Mbps	-39 dbm	1500	0.0	0.0

Throughput Test Details ? Robot Position: Point 30

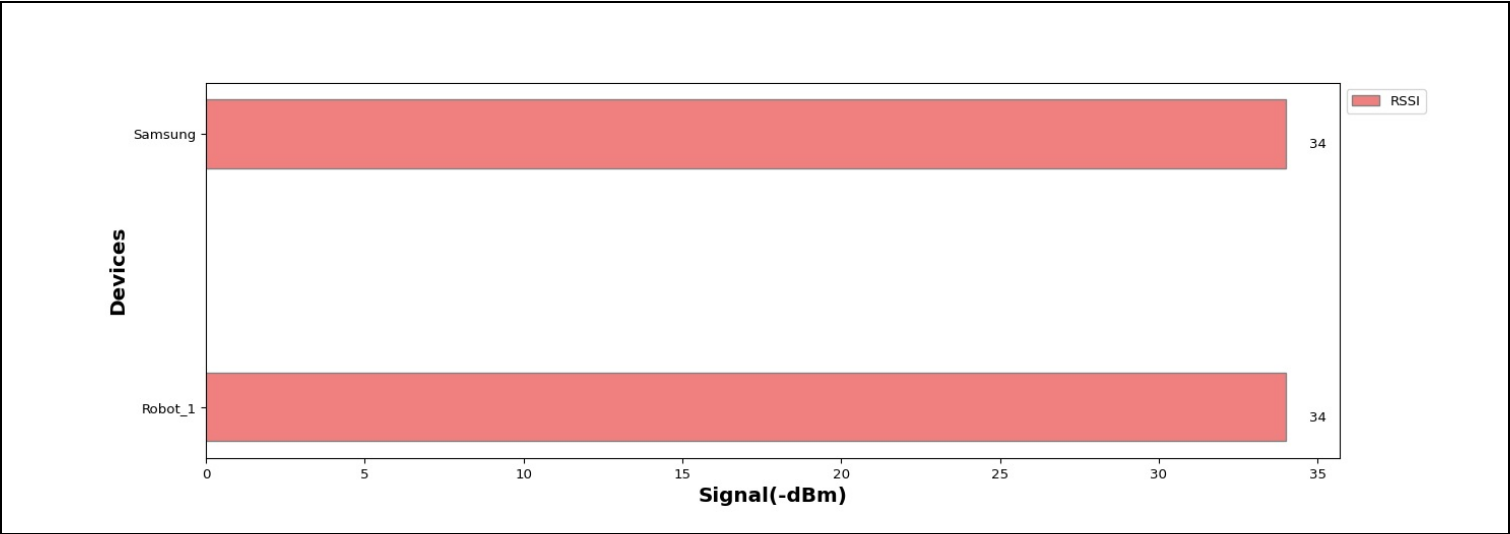
Real Time Throughput: Achieved Throughput: Download : 19.97 Mbps



Per Client Avg-Throughput



RSSI Of The Clients Connected



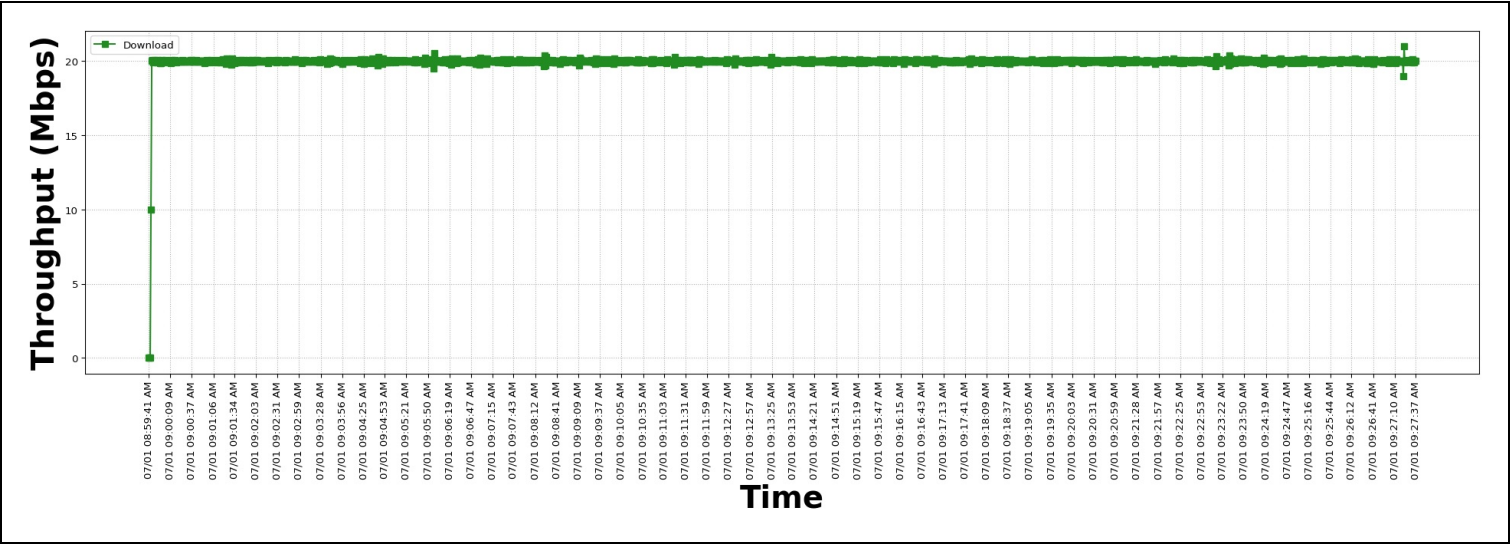
Detailed Result Table

The below tables provides detailed information for the throughput test on each device.

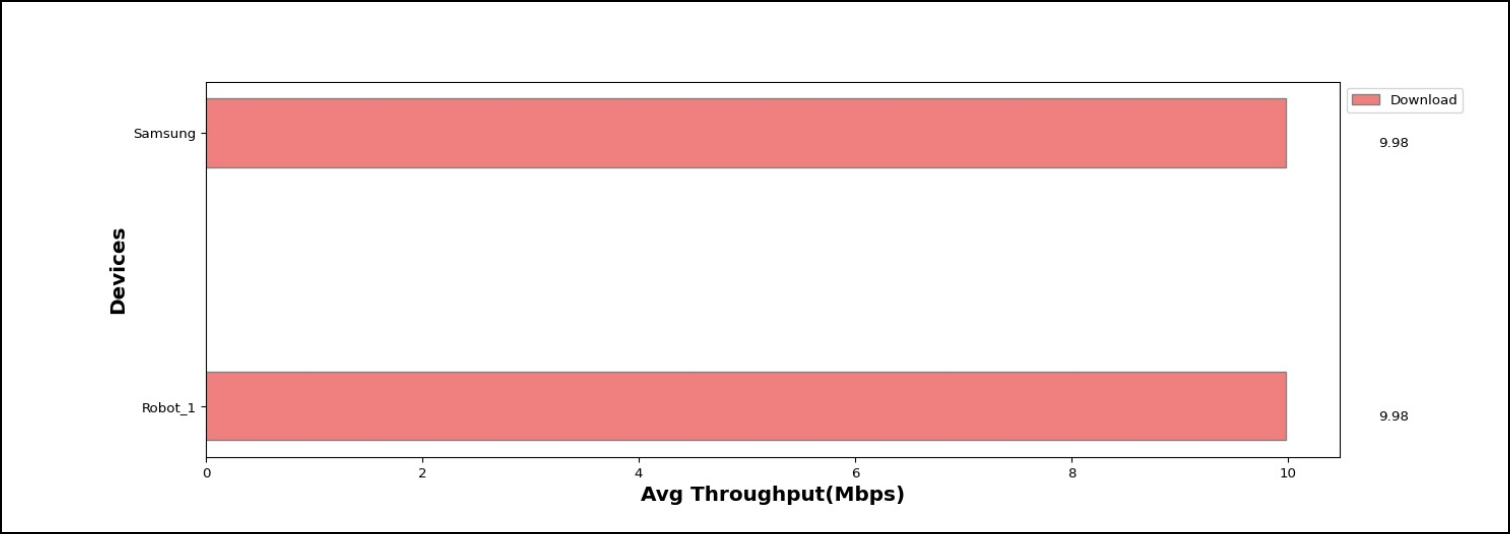
Device Type	Username	SSID	MAC	Channel	Mode	BSSID	Offered download rate	Observed Average download rate	Offered upload rate	Observed Average upload rate	RSSI	Packet Size(Bytes)	Average Rx Drop A%	Average Rx Drop B%
Android	Robot_1	NOKIA-5A20	ca:0d:ef:54:b8:0d	44	802.11abgn-AX 80	14:55:B9:6D:64:0A	10.0Mbps	9.98 Mbps	0.0Mbps	0 Mbps	-34 dbm	1500	0.0	0.0
Android	Samsung	NOKIA-5A20	8e:0a:ef:d7:48:f6	44	802.11abgn-AC 80	14:55:B9:6D:64:0A	10.0Mbps	9.99 Mbps	0.0Mbps	0 Mbps	-34 dbm	1500	0.0	0.0

Throughput Test Details ? Robot Position: Point 10

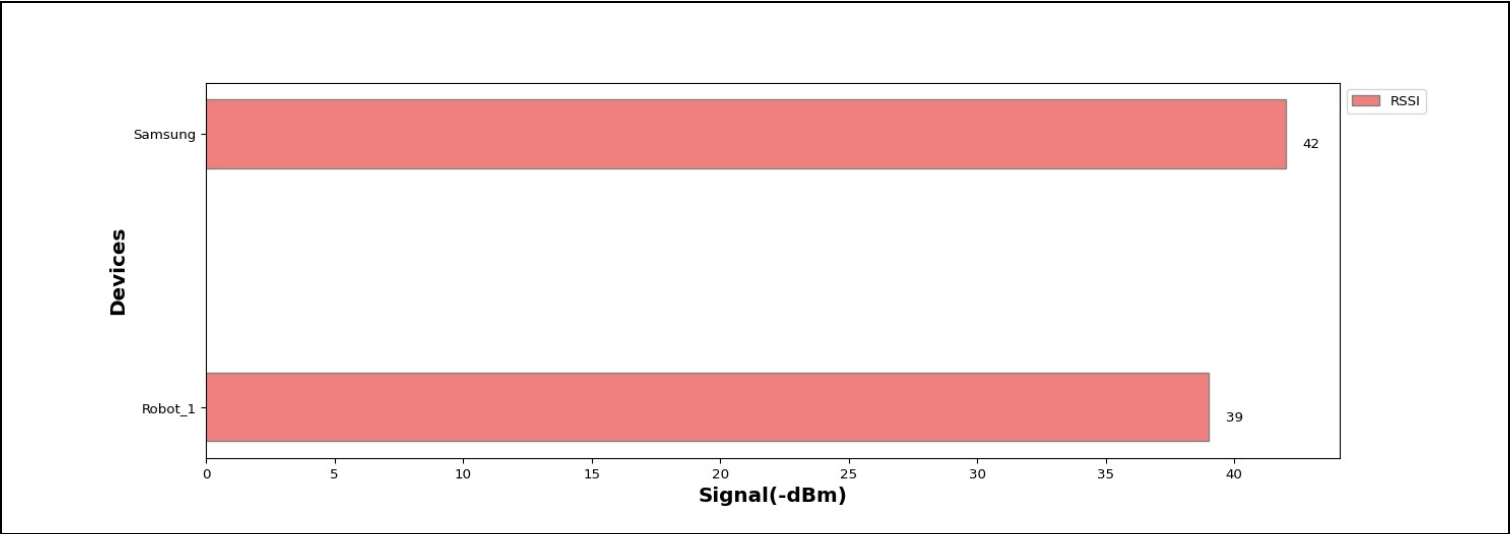
Real Time Throughput: Achieved Throughput: Download : 19.96 Mbps



Per Client Avg-Throughput



RSSI Of The Clients Connected



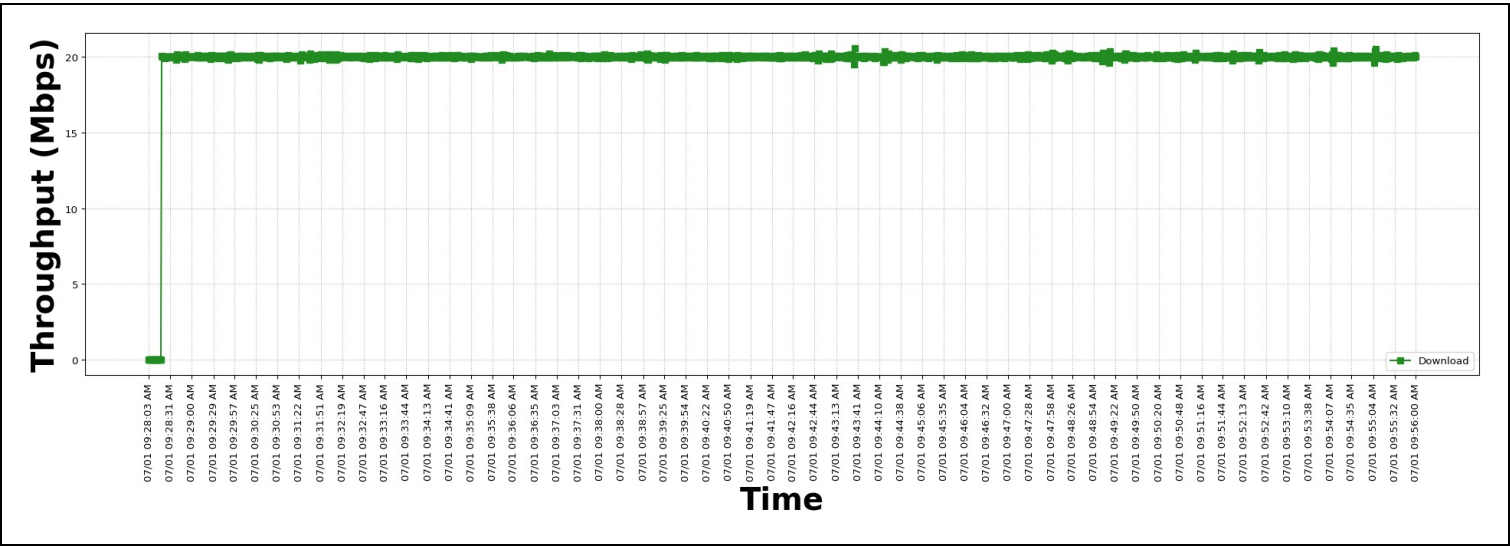
Detailed Result Table

The below tables provides detailed information for the throughput test on each device.

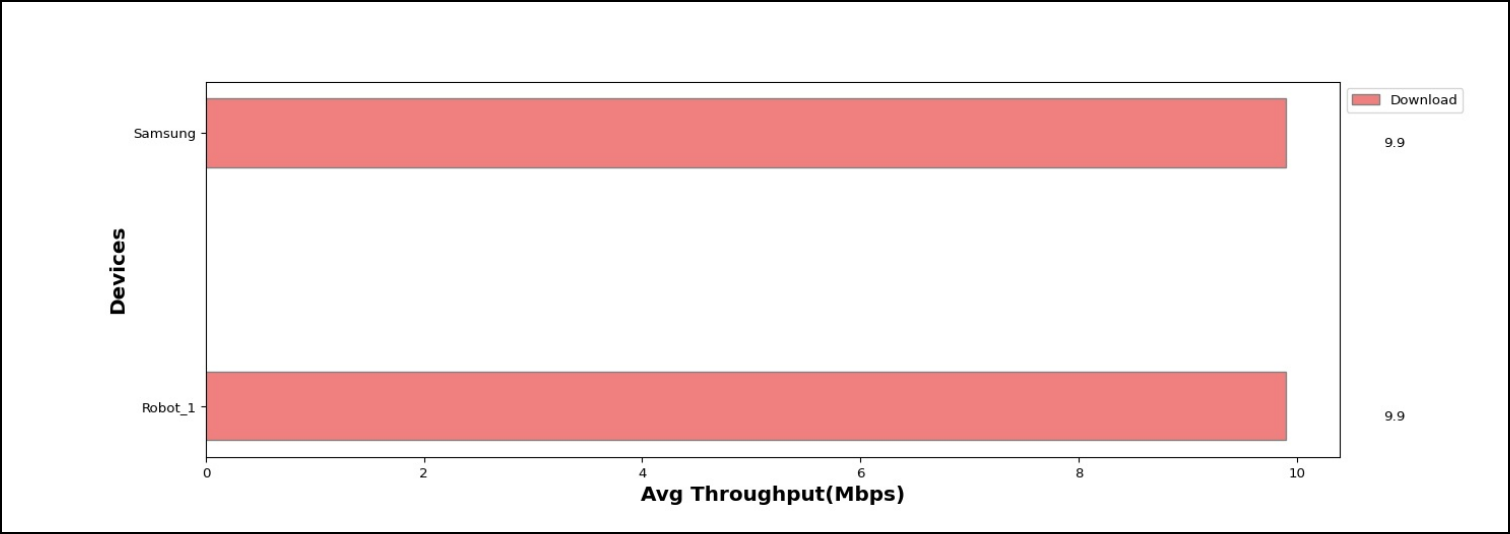
Device Type	Username	SSID	MAC	Channel	Mode	BSSID	Offered download rate	Observed Average download rate	Offered upload rate	Observed Average upload rate	RSSI	Packet Size(Bytes)	Average Rx Drop A%	Average Rx Drop B%
Android	Robot_1	NOKIA-5A20	ca:0d:ef:54:b8:0d	44	802.11abgn-AX 80	14:55:B9:6D:64:0A	10.0Mbps	9.98 Mbps	0.0Mbps	0 Mbps	-39 dbm	1500	0.0	0.0
Android	Samsung	NOKIA-5A20	8e:0a:ef:d7:48:f6	44	802.11abgn-AC 80	14:55:B9:6D:64:0A	10.0Mbps	9.98 Mbps	0.0Mbps	0 Mbps	-42 dbm	1500	0.0	0.0

Throughput Test Details ? Robot Position: Point 29

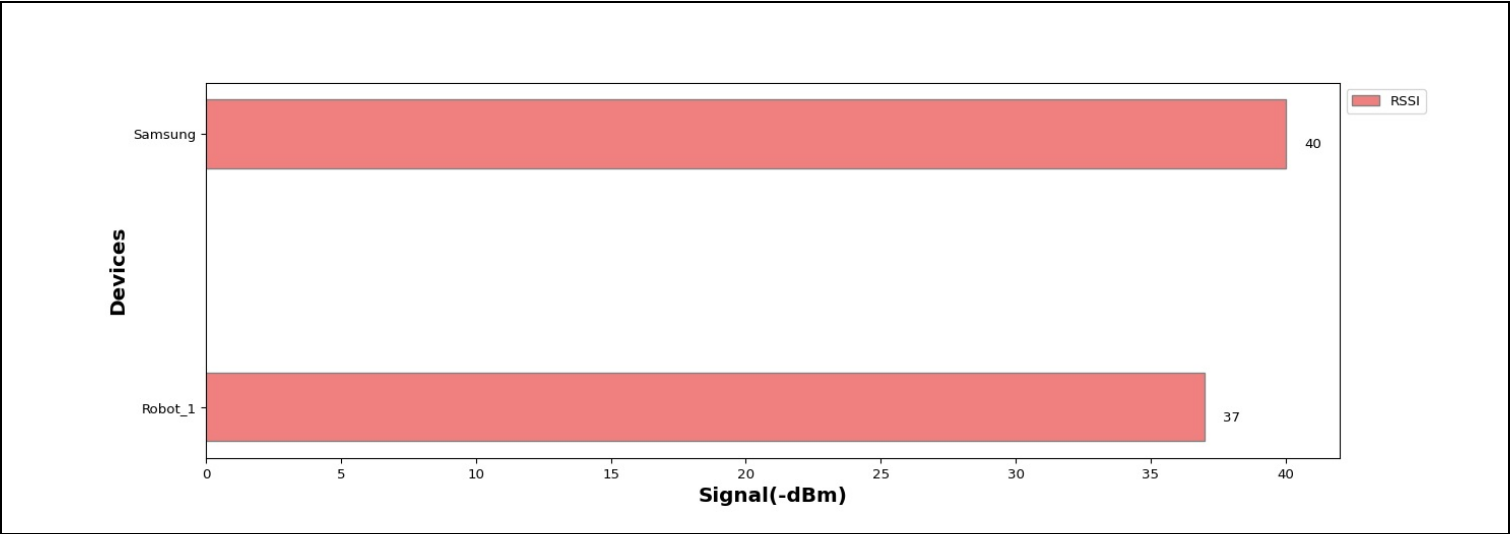
Real Time Throughput: Achieved Throughput: Download : 19.8 Mbps



Per Client Avg-Throughput



RSSI Of The Clients Connected



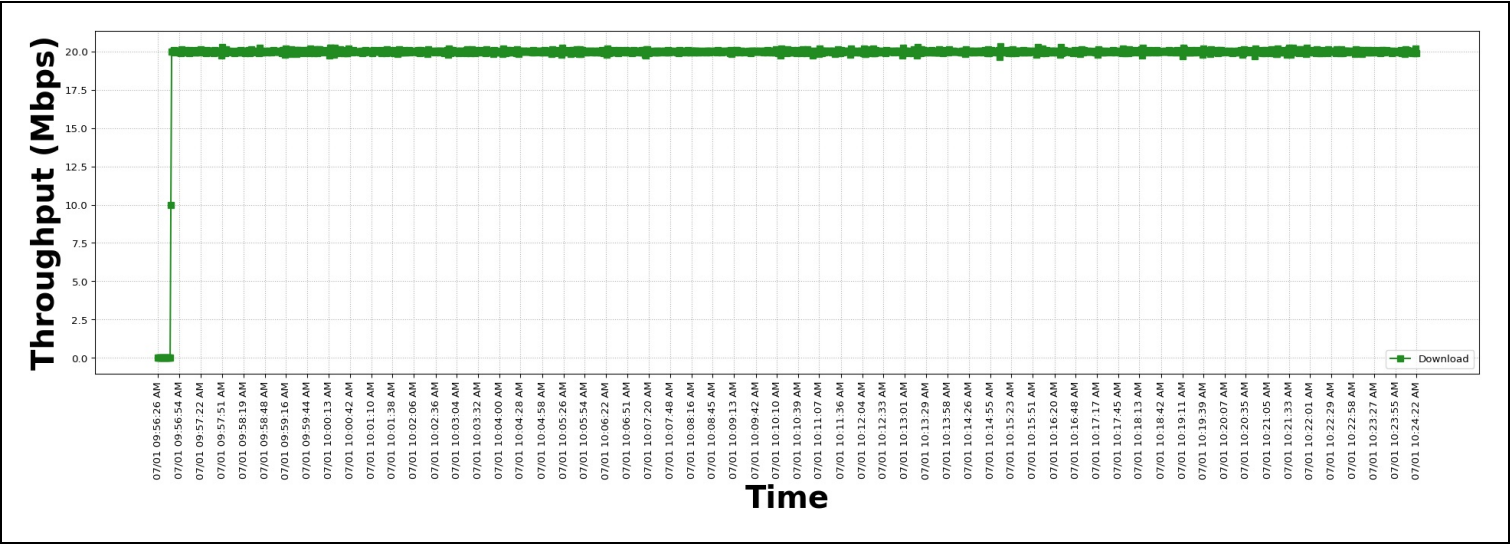
Detailed Result Table

The below tables provides detailed information for the throughput test on each device.

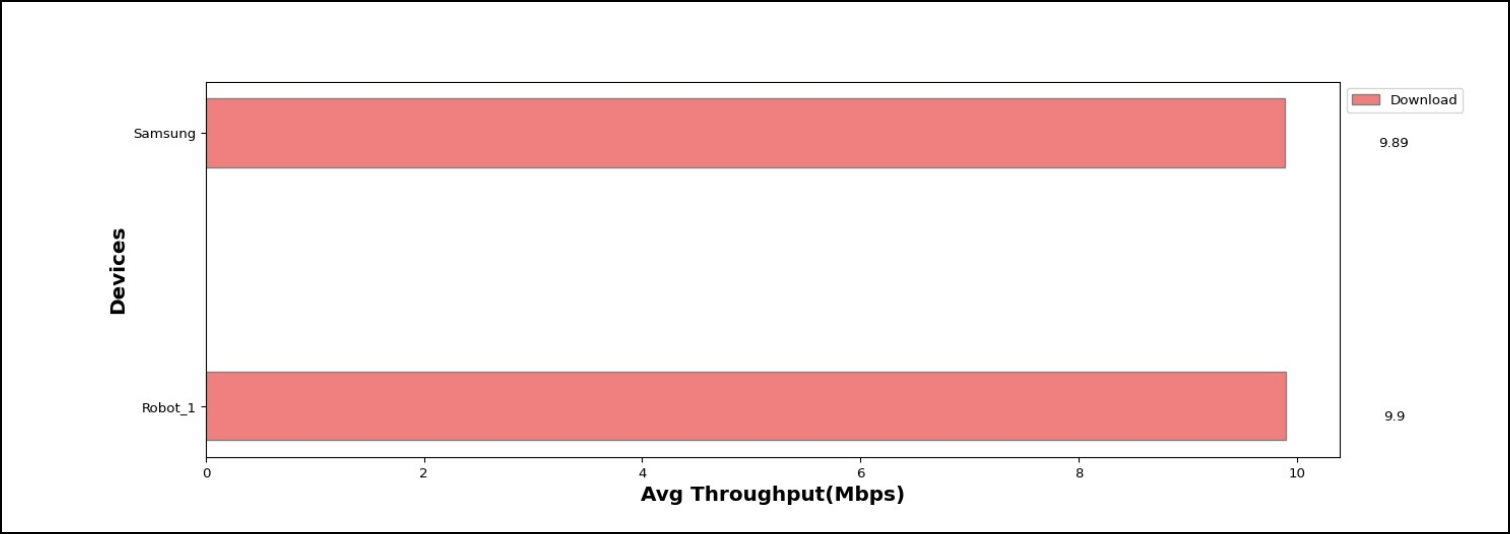
Device Type	Username	SSID	MAC	Channel	Mode	BSSID	Offered download rate	Observed Average download rate	Offered upload rate	Observed Average upload rate	RSSI	Packet Size(Bytes)	Average Rx Drop A%	Average Rx Drop B%
Android	Robot_1	NOKIA-5A20	ca:0d:ef:54:b8:0d	44	802.11abgn-AX 80	14:55:B9:6D:64:0A	10.0Mbps	9.9 Mbps	0.0Mbps	0 Mbps	-37 dbm	1500	0.0	0.0
Android	Samsung	NOKIA-5A20	8e:0a:ef:d7:48:f6	44	802.11abgn-AC 80	14:55:B9:6D:64:0A	10.0Mbps	9.9 Mbps	0.0Mbps	0 Mbps	-40 dbm	1500	0.0	0.0

Throughput Test Details ? Robot Position: Point 8

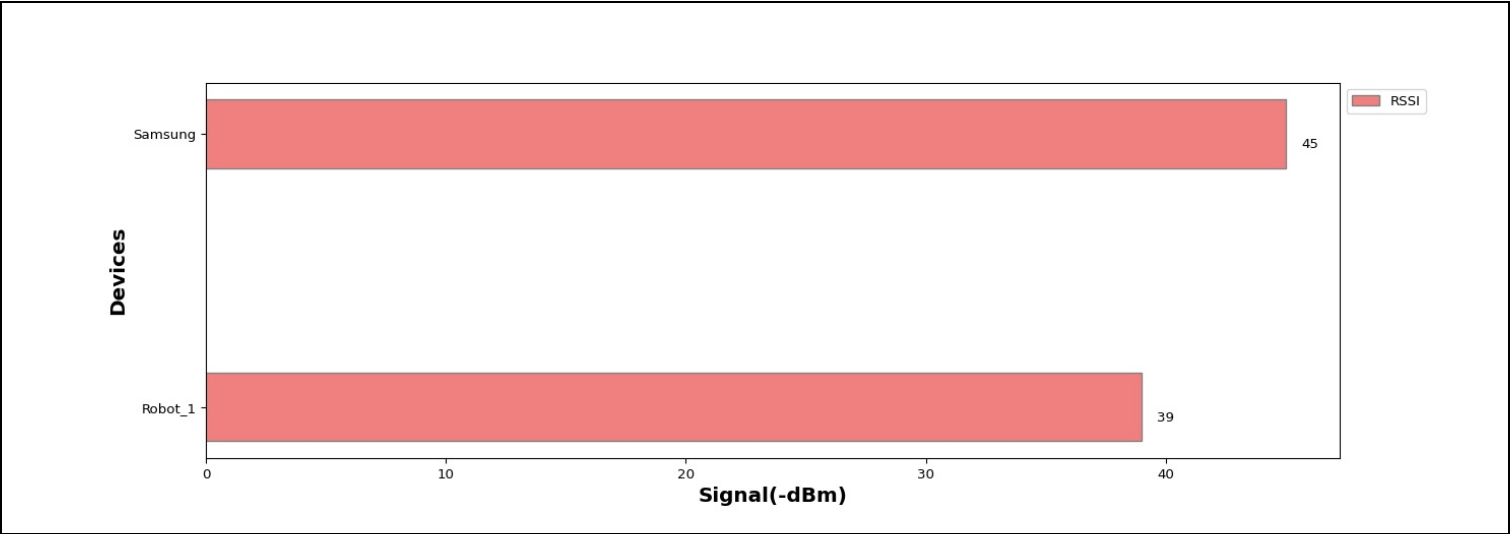
Real Time Throughput: Achieved Throughput: Download : 19.79 Mbps



Per Client Avg-Throughput



RSSI Of The Clients Connected



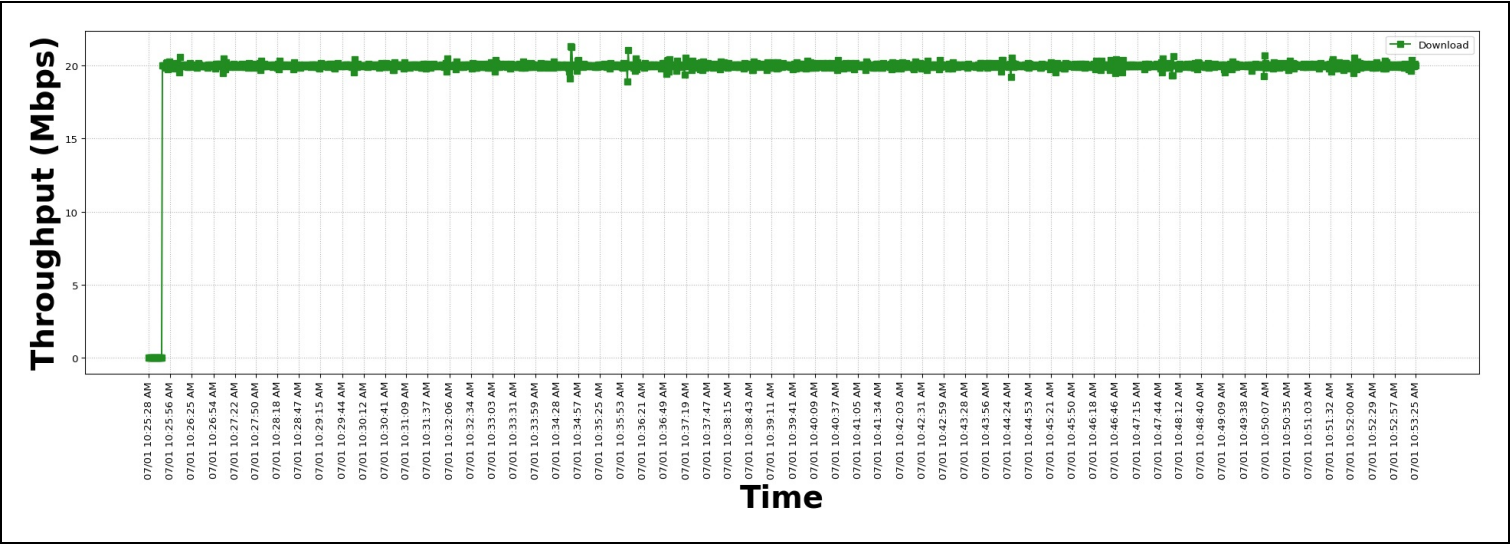
Detailed Result Table

The below tables provides detailed information for the throughput test on each device.

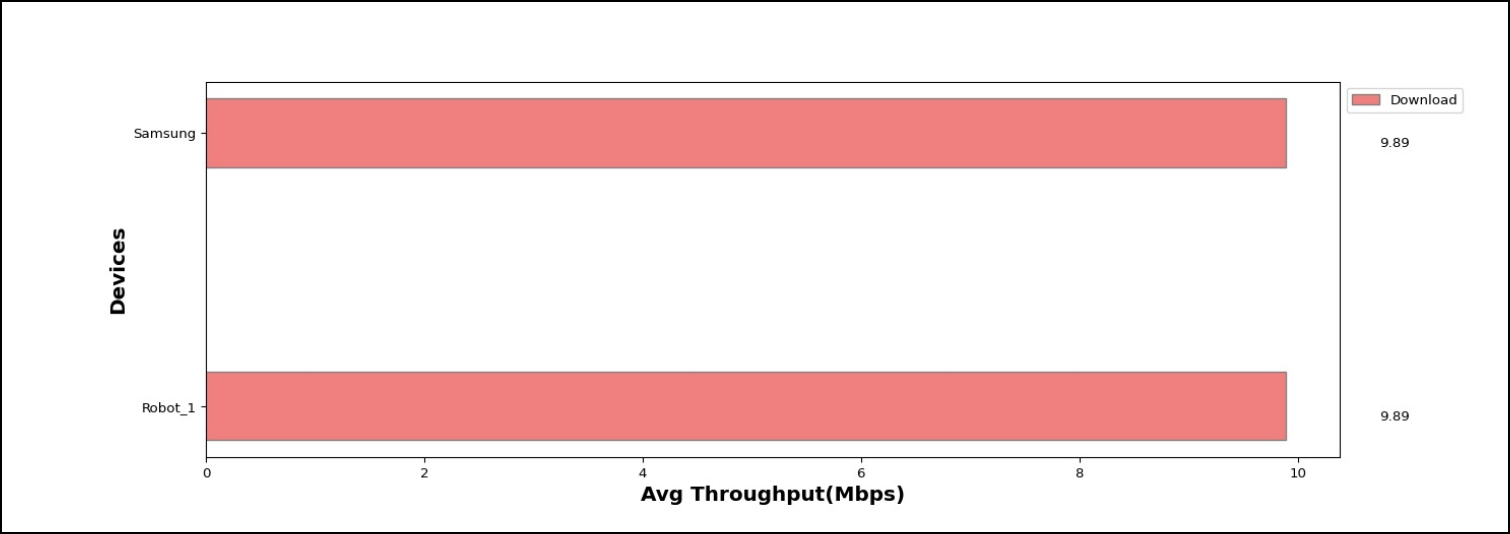
Device Type	Username	SSID	MAC	Channel	Mode	BSSID	Offered download rate	Observed Average download rate	Offered upload rate	Observed Average upload rate	RSSI	Packet Size(Bytes)	Average Rx Drop A%	Average Rx Drop B%
Android	Robot_1	NOKIA-5A20	ca:0d:ef:54:b8:0d	44	802.11abgn-AX 80	14:55:B9:6D:64:0A	10.0Mbps	9.9 Mbps	0.0Mbps	0 Mbps	-39 dbm	1500	0.0	0.0
Android	Samsung	NOKIA-5A20	8e:0a:ef:d7:48:f6	44	802.11abgn-AC 80	14:55:B9:6D:64:0A	10.0Mbps	9.89 Mbps	0.0Mbps	0 Mbps	-45 dbm	1500	0.0	0.0

Throughput Test Details ? Robot Position: Point 1

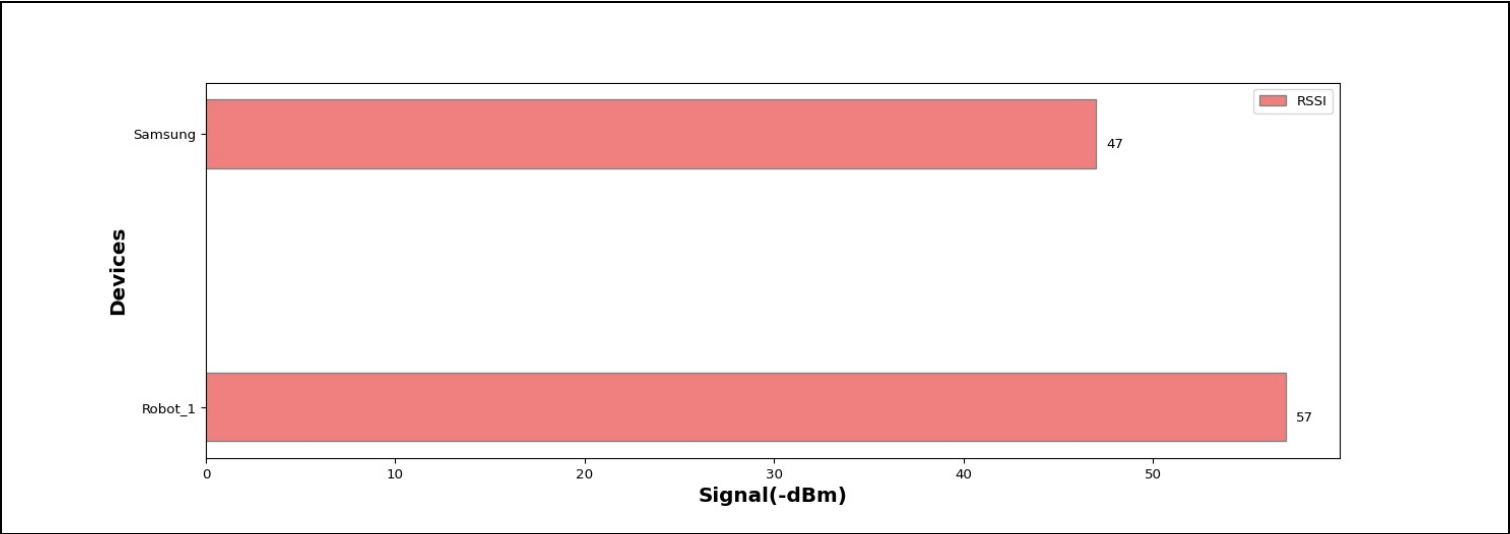
Real Time Throughput: Achieved Throughput: Download : 19.78 Mbps



Per Client Avg-Throughput



RSSI Of The Clients Connected



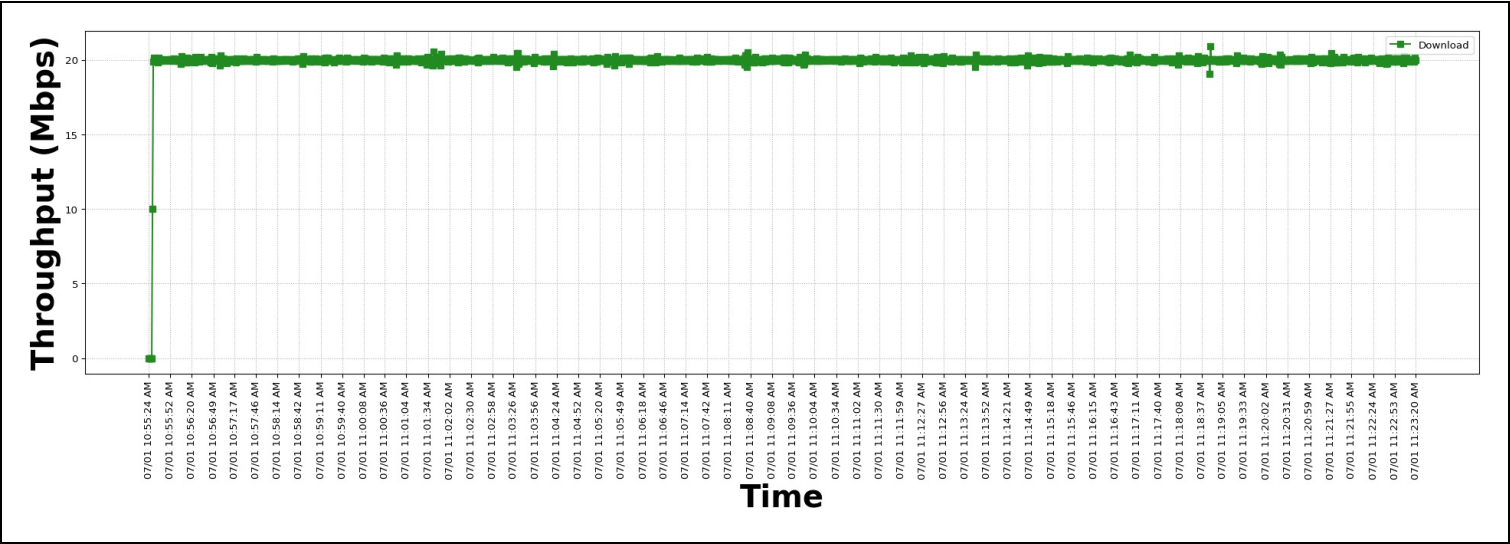
Detailed Result Table

The below tables provides detailed information for the throughput test on each device.

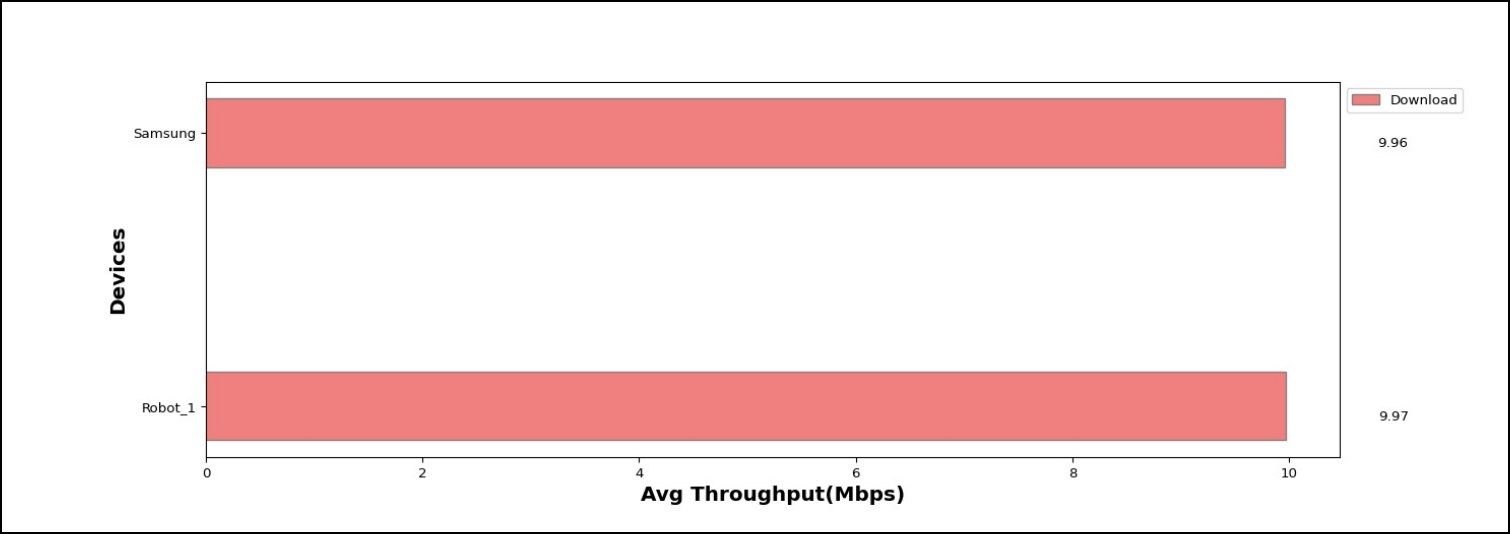
Device Type	Username	SSID	MAC	Channel	Mode	BSSID	Offered download rate	Observed Average download rate	Offered upload rate	Observed Average upload rate	RSSI	Packet Size(Bytes)	Average Rx Drop A%	Average Rx Drop B%
Android	Robot_1	NOKIA-5A20	ca:0d:ef:54:b8:0d	44	802.11abgn-AX 80	48:41:7B:68:5A:2A	10.0Mbps	9.89 Mbps	0.0Mbps	0 Mbps	-57 dbm	1500	0.0	0.0
Android	Samsung	NOKIA-5A20	8e:0a:ef:d7:48:f6	44	802.11abgn-AC 80	48:41:7B:68:5A:2A	10.0Mbps	9.89 Mbps	0.0Mbps	0 Mbps	-47 dbm	1500	0.0	0.0

Throughput Test Details ? Robot Position: Point 2

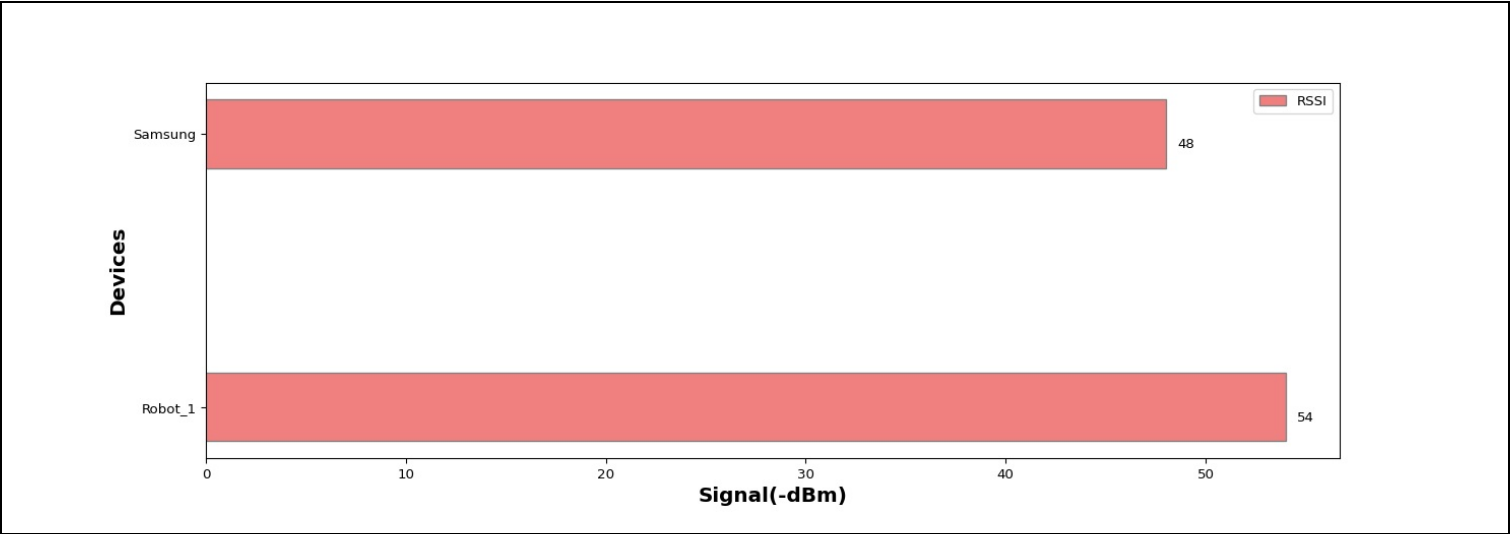
Real Time Throughput: Achieved Throughput: Download : 19.93 Mbps



Per Client Avg-Throughput



RSSI Of The Clients Connected



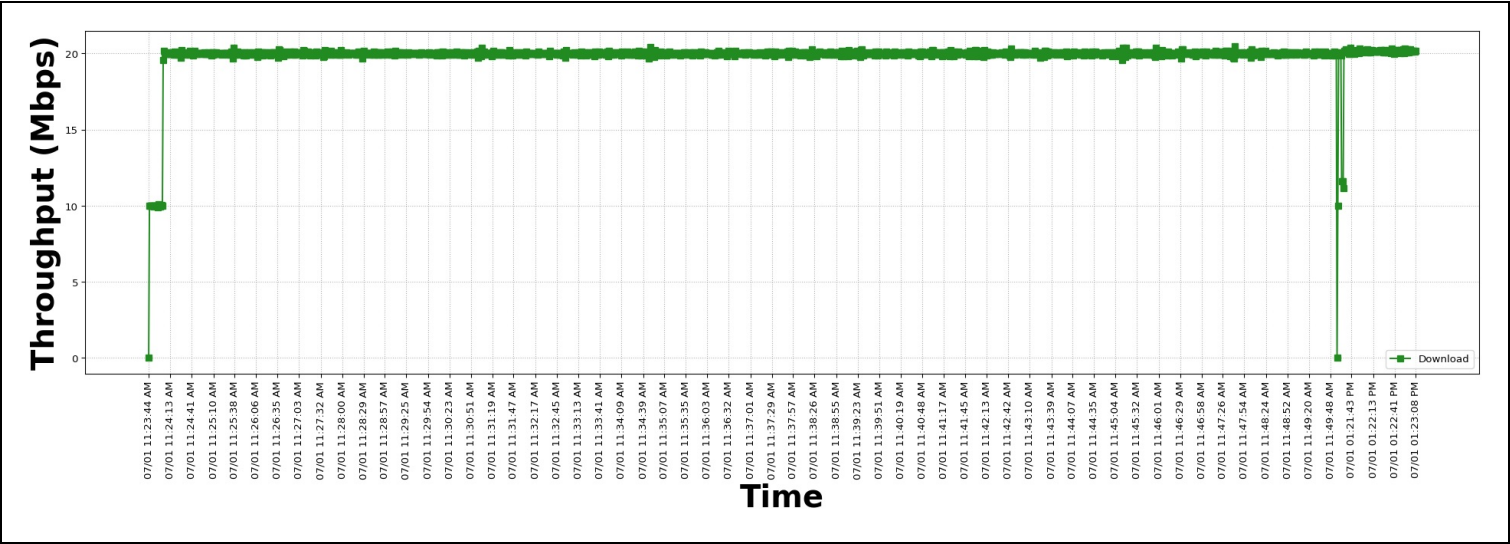
Detailed Result Table

The below tables provides detailed information for the throughput test on each device.

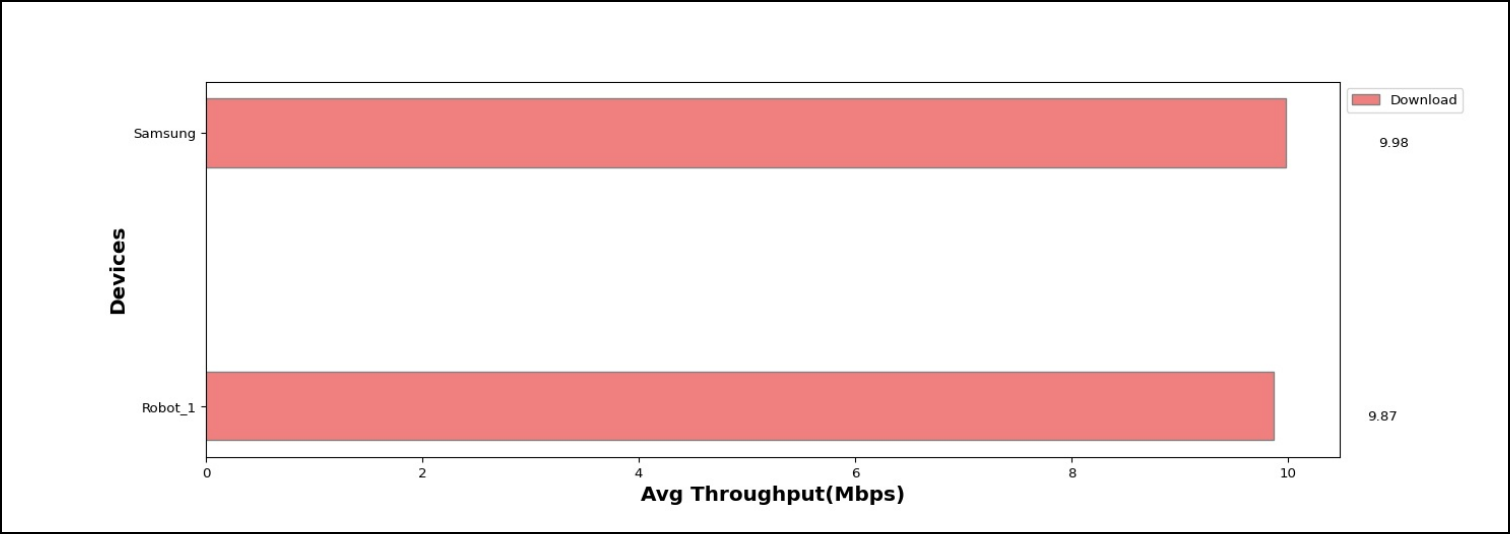
Device Type	Username	SSID	MAC	Channel	Mode	BSSID	Offered download rate	Observed Average download rate	Offered upload rate	Observed Average upload rate	RSSI	Packet Size(Bytes)	Average Rx Drop A%	Average Rx Drop B%
Android	Robot_1	NOKIA-5A20	ca:0d:ef:54:b8:0d	44	802.11abgn-AX 80	48:41:7B:68:5A:2A	10.0Mbps	9.97 Mbps	0.0Mbps	0 Mbps	-54 dbm	1500	0.0	0.0
Android	Samsung	NOKIA-5A20	8e:0a:ef:d7:48:f6	44	802.11abgn-AC 80	48:41:7B:68:5A:2A	10.0Mbps	9.96 Mbps	0.0Mbps	0 Mbps	-48 dbm	1500	0.0	0.0

Throughput Test Details ? Robot Position: Point 3

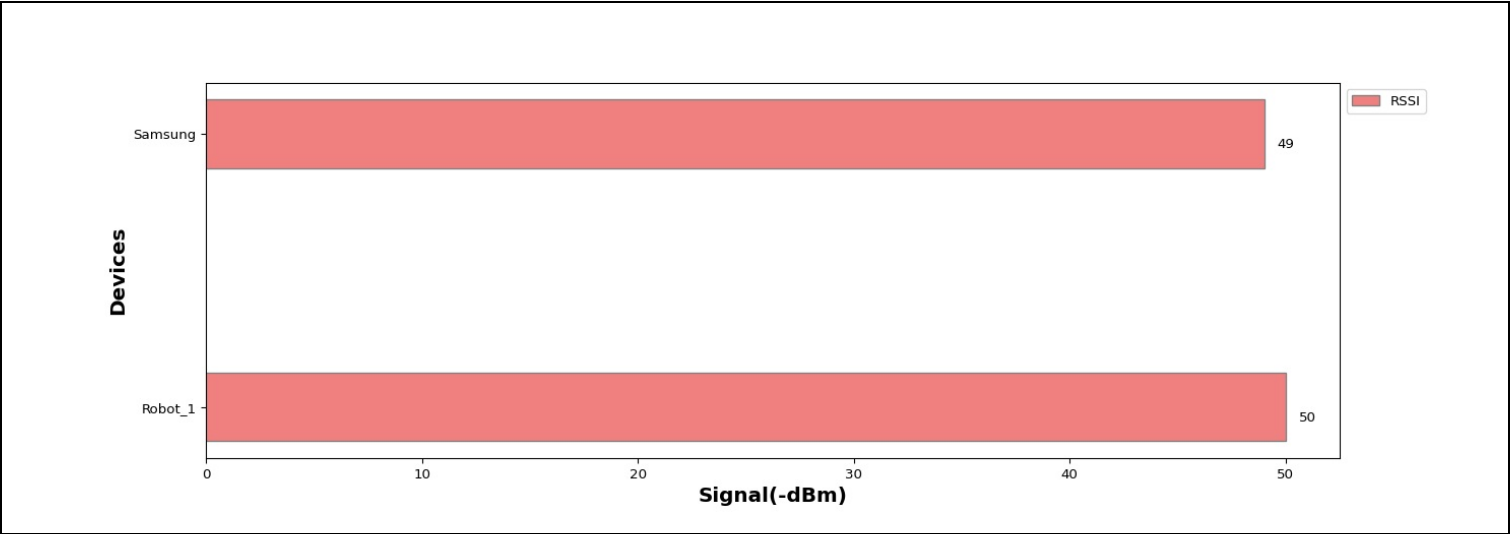
Real Time Throughput: Achieved Throughput: Download : 19.85 Mbps



Per Client Avg-Throughput



RSSI Of The Clients Connected



Detailed Result Table

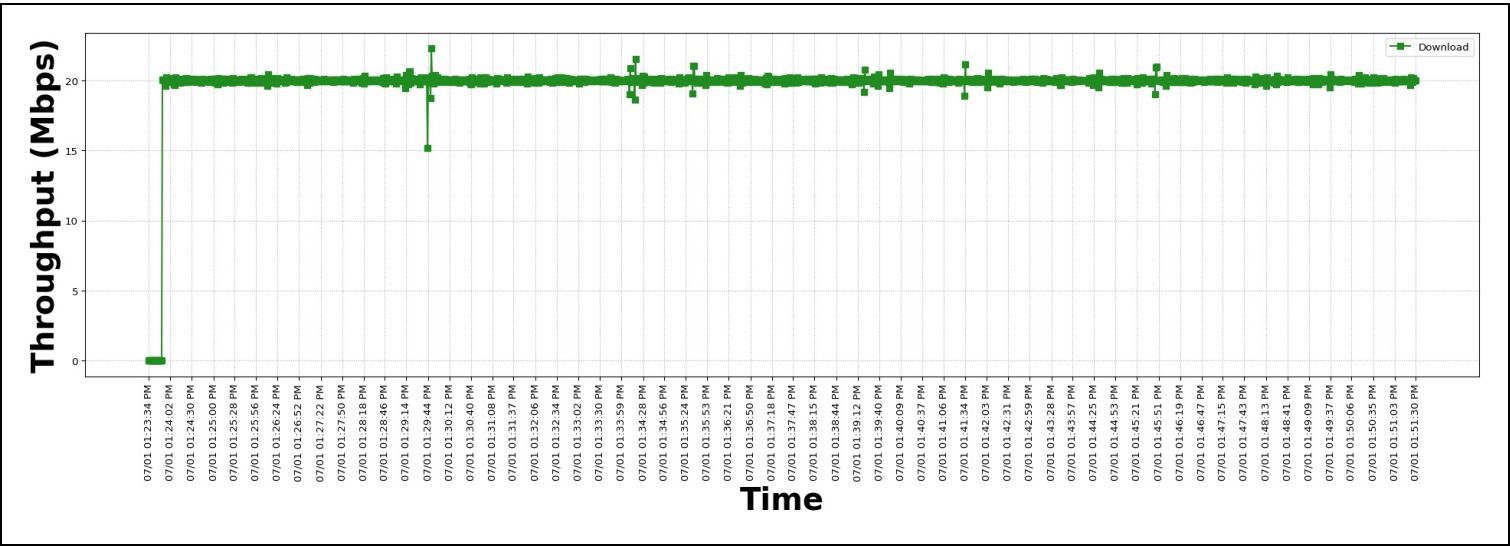
The below tables provides detailed information for the throughput test on each device.

Device Type	Username	SSID	MAC	Channel	Mode	BSSID	Offered download rate	Observed Average download rate	Offered upload rate	Observed Average upload rate	RSSI	Packet Size(Bytes)	Average Rx Drop A%	Average Rx Drop B%
Android	Robot_1	NOKIA-5A20	ca:0d:ef:54:b8:0d	44	802.11abgn-AX 80	14:55:B9:6D:64:0A	10.0Mbps	9.87 Mbps	0.0Mbps	0 Mbps	-50 dbm	1500	0.0	0.0
Android	Samsung	NOKIA-5A20	8e:0a:ef:d7:48:f6	44	802.11abgn-AC 80	14:55:B9:6D:64:0A	10.0Mbps	9.98 Mbps	0.0Mbps	0 Mbps	-49 dbm	1500	0.0	0.0

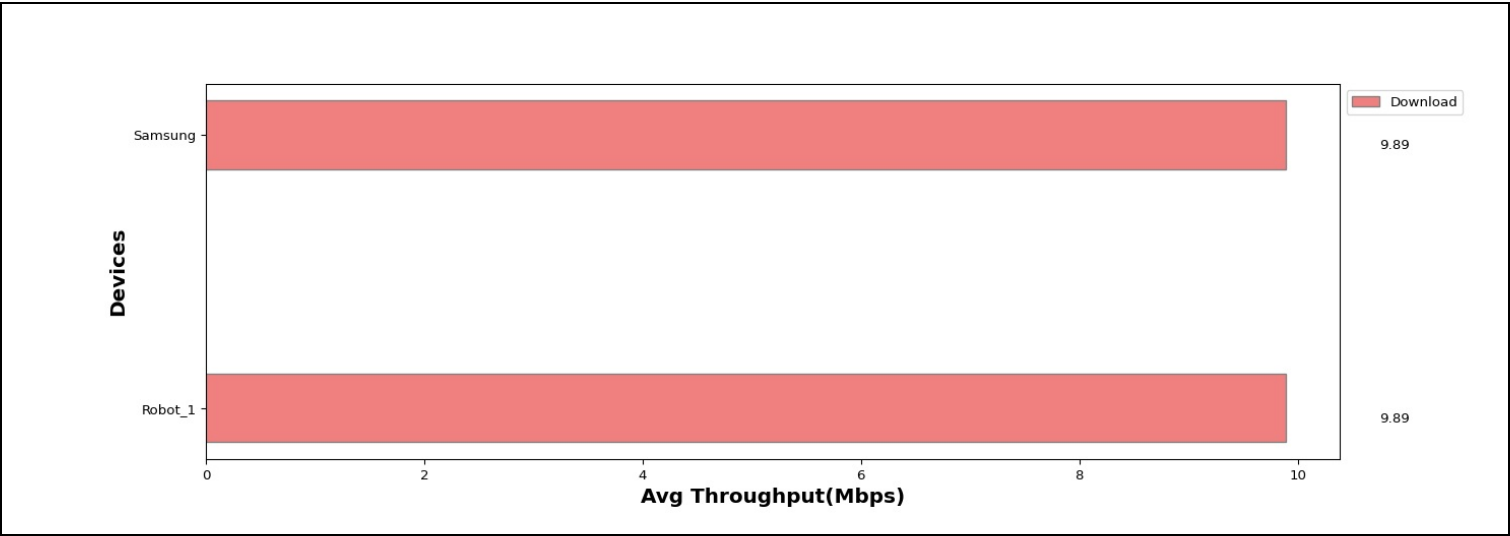
Robot went to charging Dock at 07/01 11:49:55 AM

Throughput Test Details ? Robot Position: Point 4

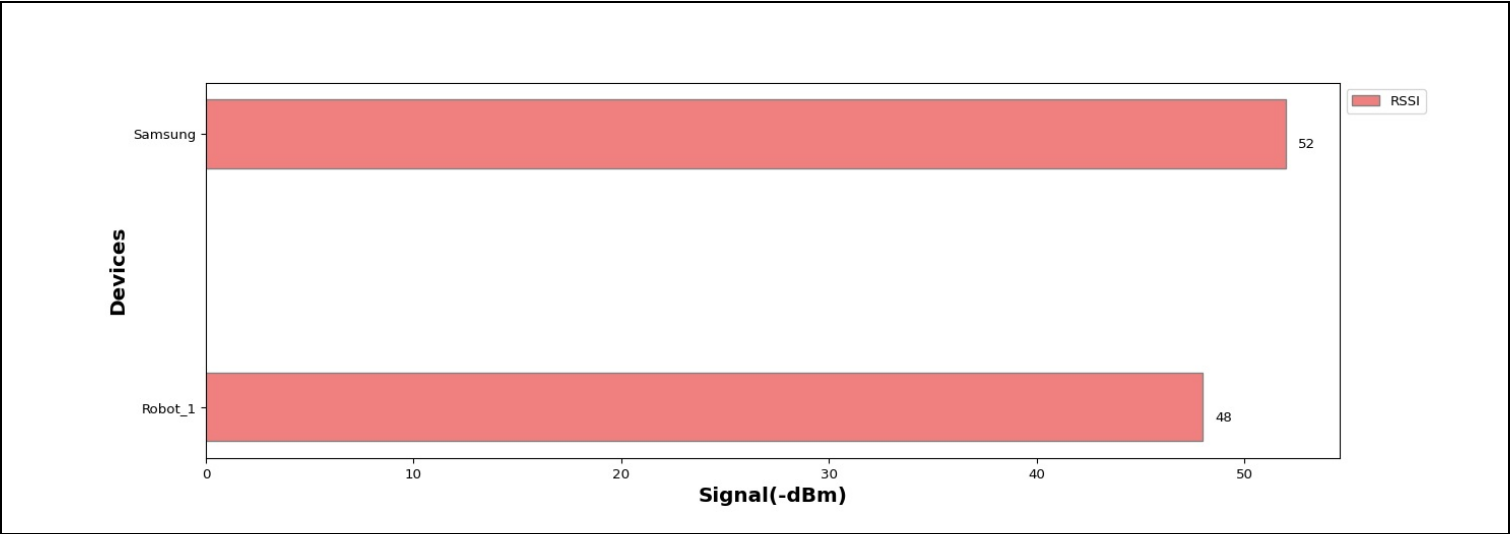
Real Time Throughput: Achieved Throughput: Download : 19.78 Mbps



Per Client Avg-Throughput



RSSI Of The Clients Connected



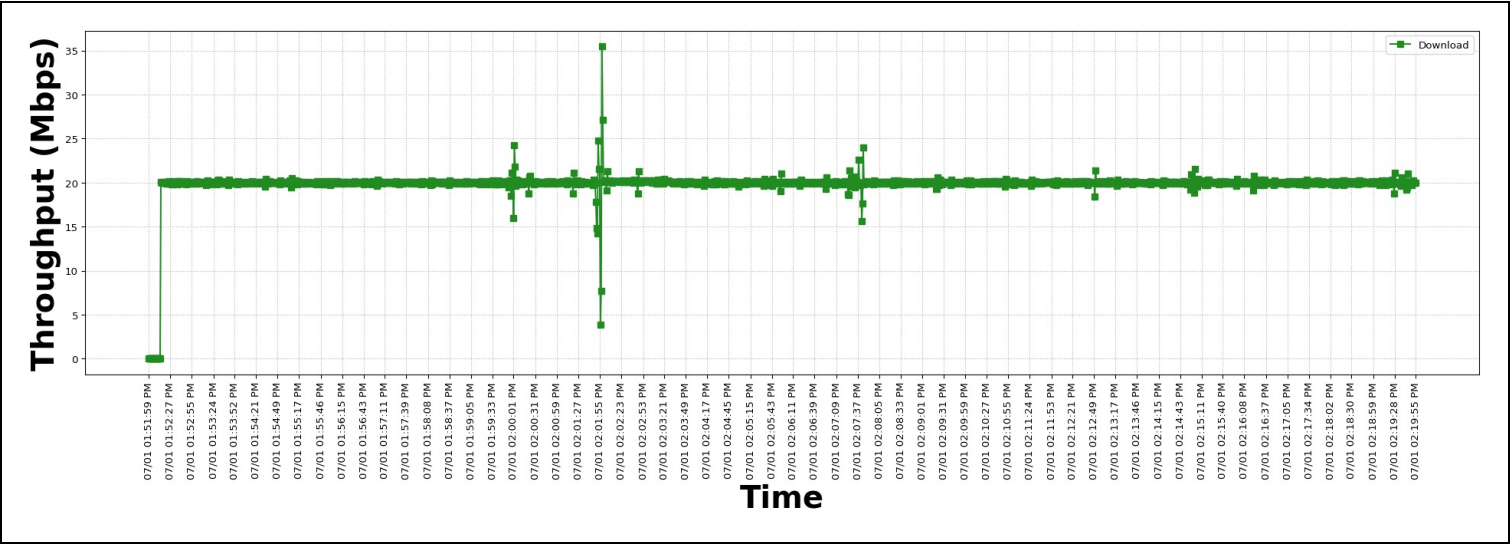
Detailed Result Table

The below tables provides detailed information for the throughput test on each device.

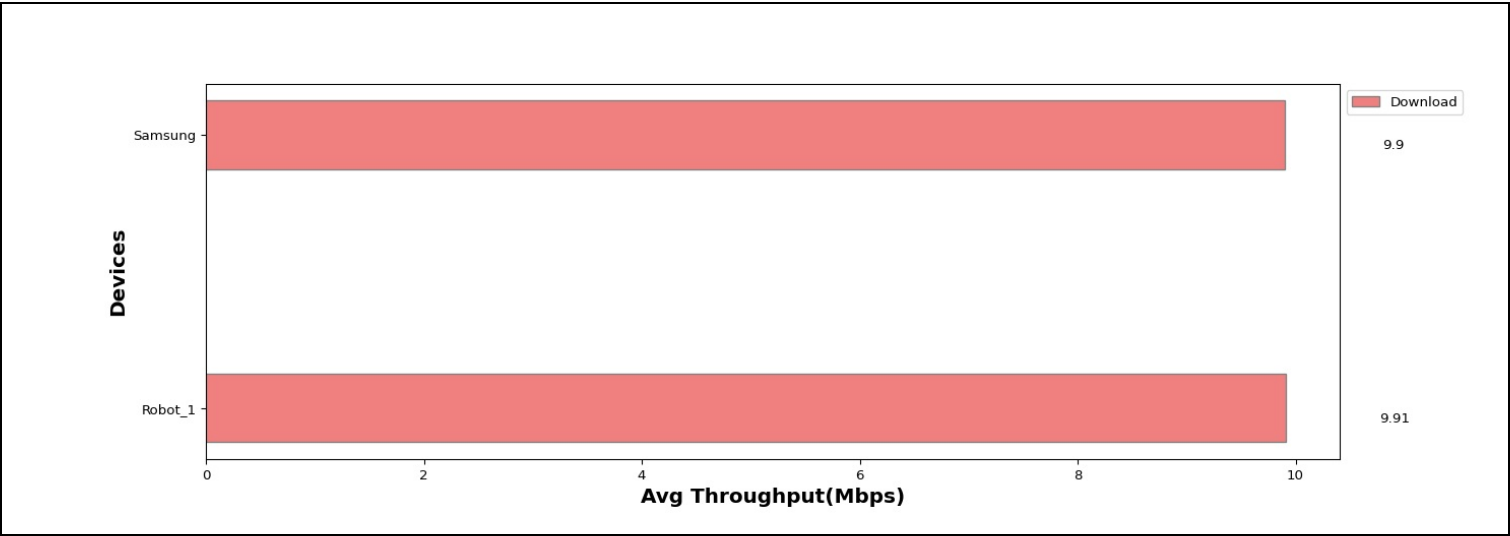
Device Type	Username	SSID	MAC	Channel	Mode	BSSID	Offered download rate	Observed Average download rate	Offered upload rate	Observed Average upload rate	RSSI	Packet Size(Bytes)	Average Rx Drop A%	Average Rx Drop B%
Android	Robot_1	NOKIA-5A20	ca:0d:ef:54:b8:0d	44	802.11abgn-AX 80	14:55:B9:6D:64:0A	10.0Mbps	9.89 Mbps	0.0Mbps	0 Mbps	-48 dbm	1500	0.0	0.0
Android	Samsung	NOKIA-5A20	8e:0a:ef:d7:48:f6	44	802.11abgn-AC 80	14:55:B9:6D:64:0A	10.0Mbps	9.89 Mbps	0.0Mbps	0 Mbps	-52 dbm	1500	0.0	0.0

Throughput Test Details ? Robot Position: Point 5

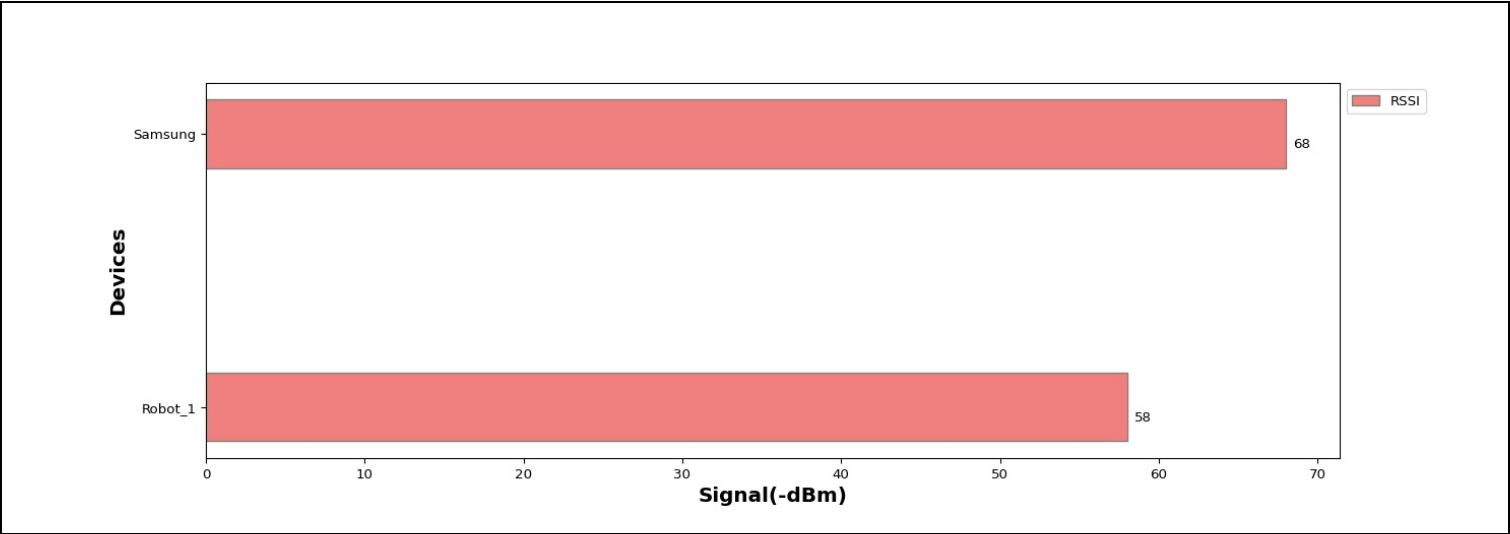
Real Time Throughput: Achieved Throughput: Download : 19.81 Mbps



Per Client Avg-Throughput



RSSI Of The Clients Connected



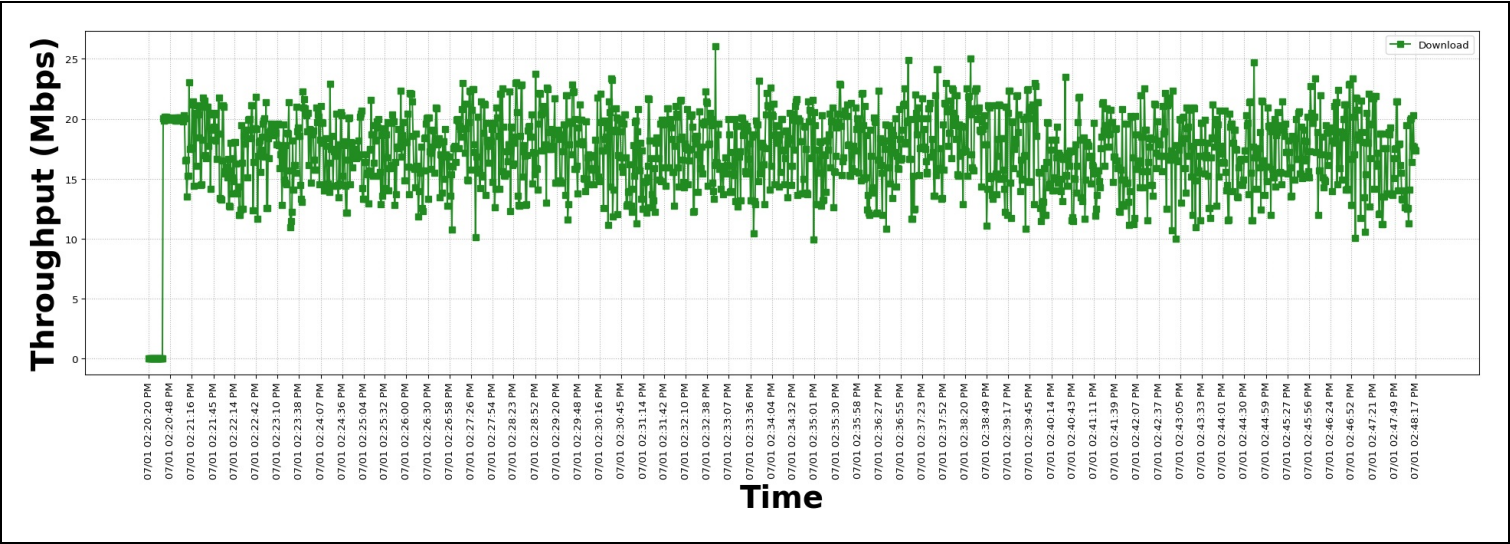
Detailed Result Table

The below tables provides detailed information for the throughput test on each device.

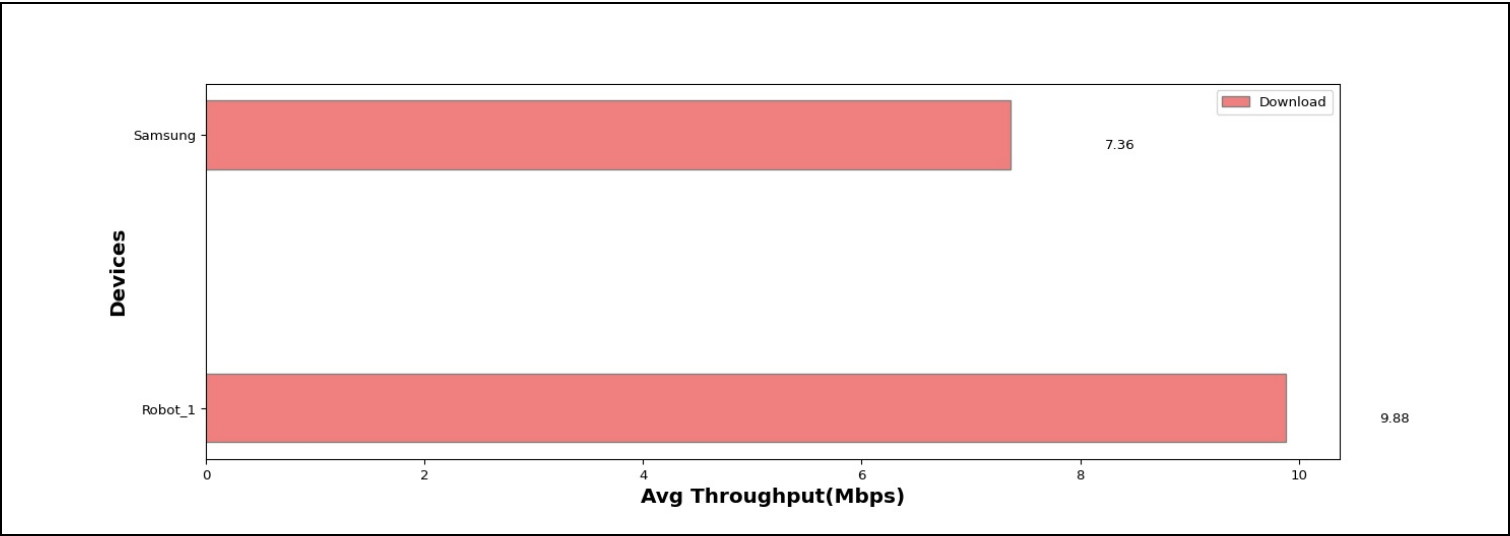
Device Type	Username	SSID	MAC	Channel	Mode	BSSID	Offered download rate	Observed Average download rate	Offered upload rate	Observed Average upload rate	RSSI	Packet Size(Bytes)	Average Rx Drop A%	Average Rx Drop B%
Android	Robot_1	NOKIA-5A20	ca:0d:ef:54:b8:0d	44	802.11abgn-AX 80	14:55:B9:6D:64:0A	10.0Mbps	9.91 Mbps	0.0Mbps	0 Mbps	-58 dbm	1500	0.0	0.0
Android	Samsung	NOKIA-5A20	8e:0a:ef:d7:48:f6	44	802.11abgn-AC 80	14:55:B9:6D:64:0A	10.0Mbps	9.9 Mbps	0.0Mbps	0 Mbps	-68 dbm	1500	0.0	0.0

Throughput Test Details ? Robot Position: Point 6

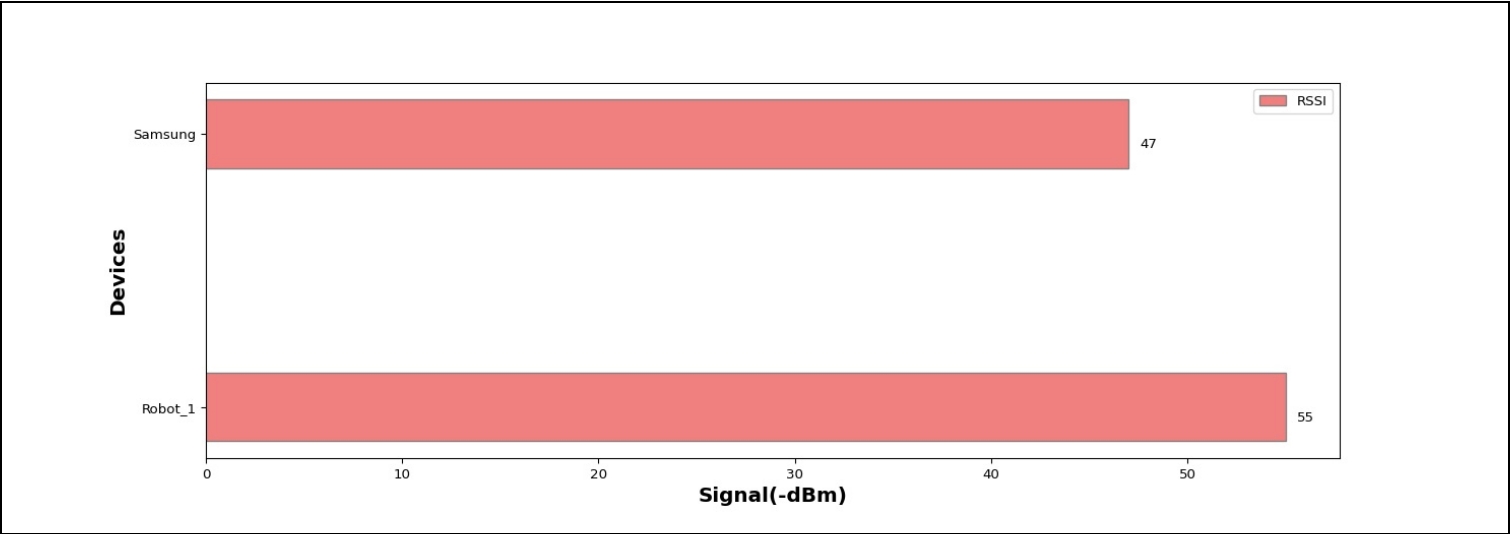
Real Time Throughput: Achieved Throughput: Download : 17.24 Mbps



Per Client Avg-Throughput



RSSI Of The Clients Connected



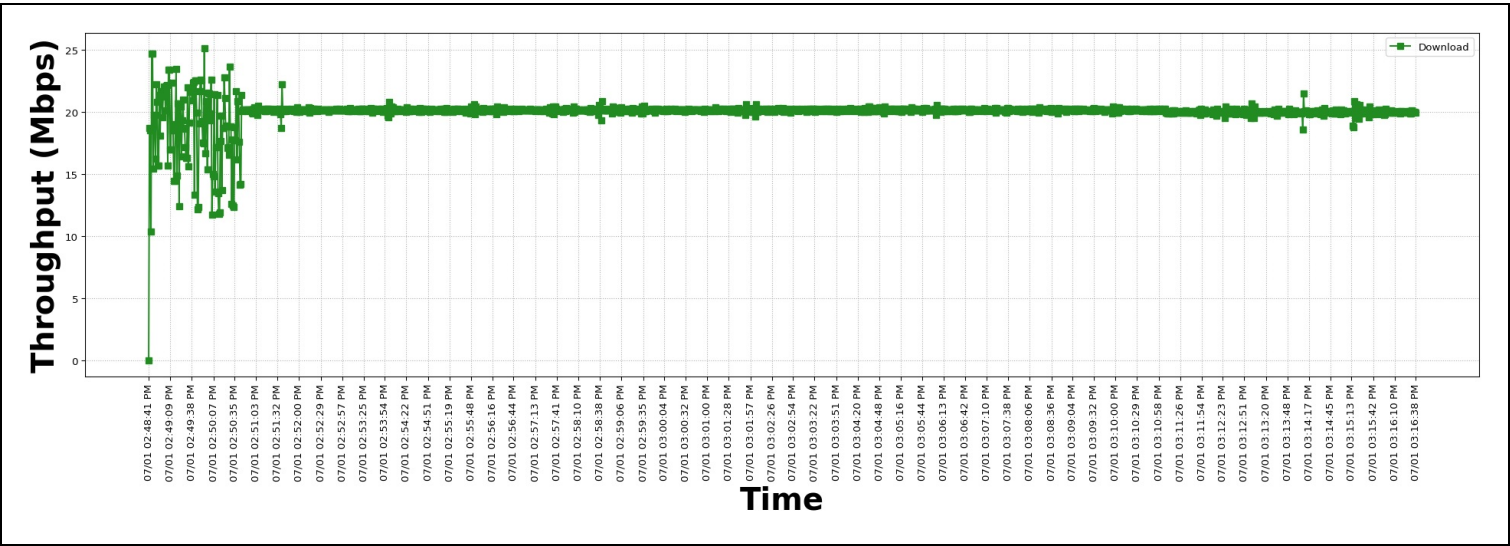
Detailed Result Table

The below tables provides detailed information for the throughput test on each device.

Device Type	Username	SSID	MAC	Channel	Mode	BSSID	Offered download rate	Observed Average download rate	Offered upload rate	Observed Average upload rate	RSSI	Packet Size(Bytes)	Average Rx Drop A%	Average Rx Drop B%
Android	Robot_1	NOKIA-5A20	ca:0d:ef:54:b8:0d	44	802.11abgn-AX 80	14:55:B9:6D:64:09	10.0Mbps	9.88 Mbps	0.0Mbps	0 Mbps	-55 dbm	1500	0.00	0.0
Android	Samsung	NOKIA-5A20	8e:0a:ef:d7:48:f6	44	802.11abgn-AC 80	14:55:B9:6D:64:09	10.0Mbps	7.36 Mbps	0.0Mbps	0 Mbps	-47 dbm	1500	0.14	0.0

Throughput Test Details ? Robot Position: Point Z

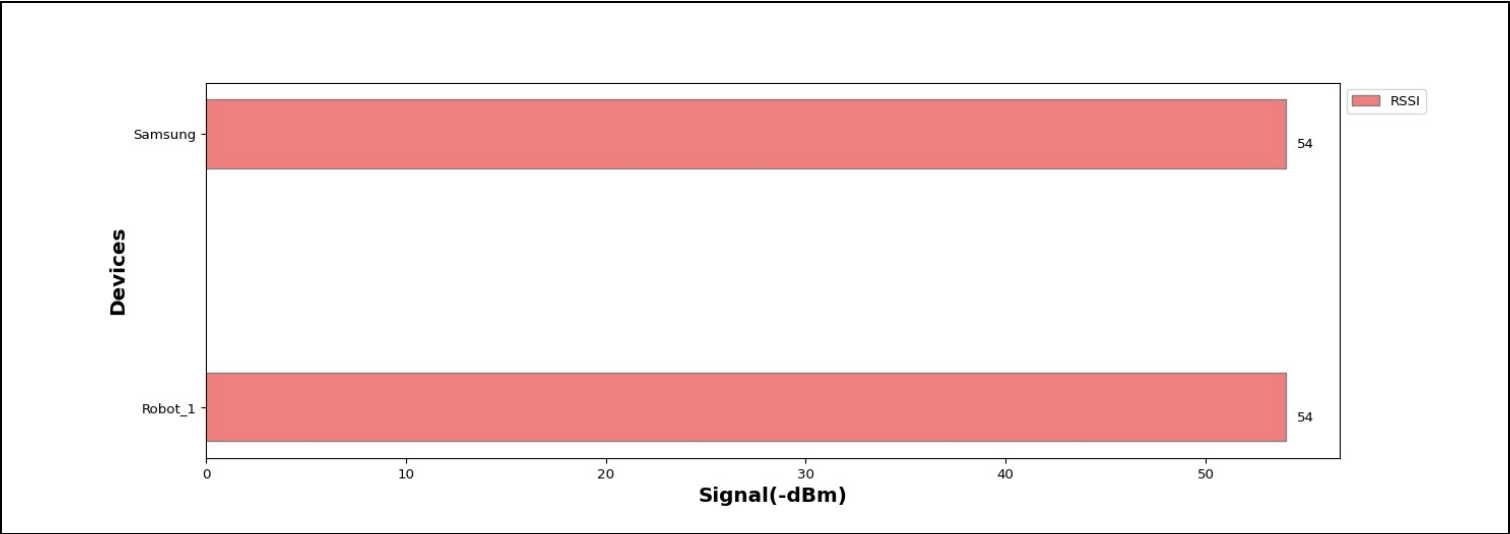
Real Time Throughput: Achieved Throughput: Download : 20.0 Mbps



Per Client Avg-Throughput



RSSI Of The Clients Connected



Detailed Result Table

The below tables provides detailed information for the throughput test on each device.

Device Type	Username	SSID	MAC	Channel	Mode	BSSID	Offered download rate	Observed Average download rate	Offered upload rate	Observed Average upload rate	RSSI	Packet Size(Bytes)	Average Rx Drop A%	Average Rx Drop B%
Android	Robot_1	NOKIA-5A20	ca:0d:ef:54:b8:0d	44	802.11abgn-AX 80	48:41:7B:68:5B:0A	10.0Mbps	9.99 Mbps	0.0Mbps	0 Mbps	-54 dbm	1500	0.00	0.0
Android	Samsung	NOKIA-5A20	8e:0a:ef:d7:48:f6	44	802.11abgn-AC 80	48:41:7B:68:5B:0A	10.0Mbps	10.01 Mbps	0.0Mbps	0 Mbps	-54 dbm	1500	0.06	0.0

