

AP-Auto

AP Automated Test Plan

Mon Oct 10 11:06:35 PDT 2022



Test Setup Information	
Device Under Test	TR-398_DUT asus-ax11000-5 f0:2f:74:57:db:b4 (2) TR-398_DUT asus-ax11000-2 f0:2f:74:57:db:b0 (1)
Estimated Run Time	23 m
Actual Run Time	35.851 m

Summary Results

Test	Result	Candela Score	Elapsed	Info
Throughput vs Pkt Size	2.4Ghz PASS	100	28.575 m	
Multi Band Performance	2.4Ghz PASS	95	1.881 m	Dual-Concurrent vs 90% of Sum: 906.26 Mbps / 1,069.81 Mbps Dual-Concurrent vs 90% of Sum: 957.02 Mbps / 908.94 Mbps
Multi-Station Throughput vs Pkt Size	2.4Ghz PASS	100	4.916 m	

Throughput vs Pkt Size

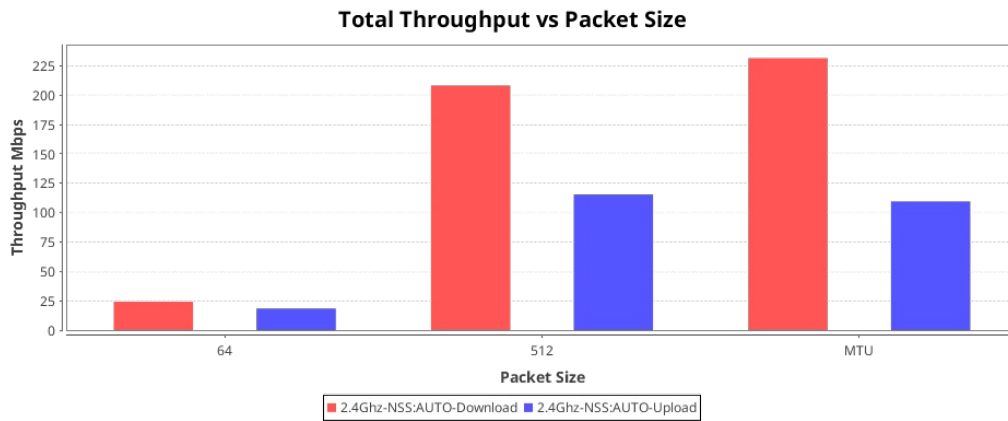
Summary

The Throughput vs Pkt Size test reports the Wi-Fi AP throughput for a single station at different frame sizes. This test will pick a starting point and then adjust rates up or down (hunt) until it finds the maximum rate that meets the packet loss criteria. This test is done with a single station. A hunt iteration is considered failed if the packet loss is above the configured value (20.00) or if the offered rate is more than 10% higher than the reported throughput. A failing iteration will be retried a configurable amount of times (1). The hunt for each packet size stops after the configured number of iterations (20) or when the calculated change in requested throughput for the next step is less than 1Mbps. The pass/fail criteria is based on the user-specified thresholds. If no threshold is defined, the value will be reported without pass/fail being calculated.

The Candela Score for the Throughput vs Pkt Size test is 50% based on the percentage of tests that passed and 50% based on total throughput vs requested throughput.

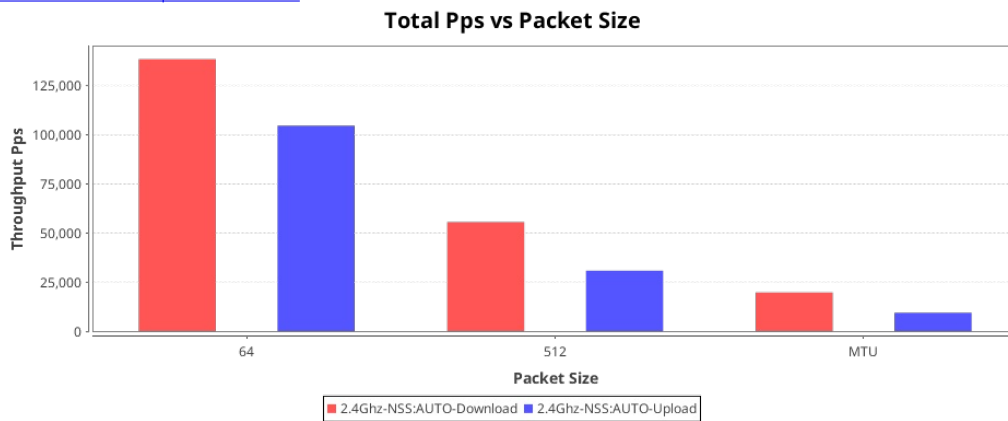
Total throughput (goodput) for each different traffic type on all bands.

[CSV Data for Total Throughput vs Packet Size](#)



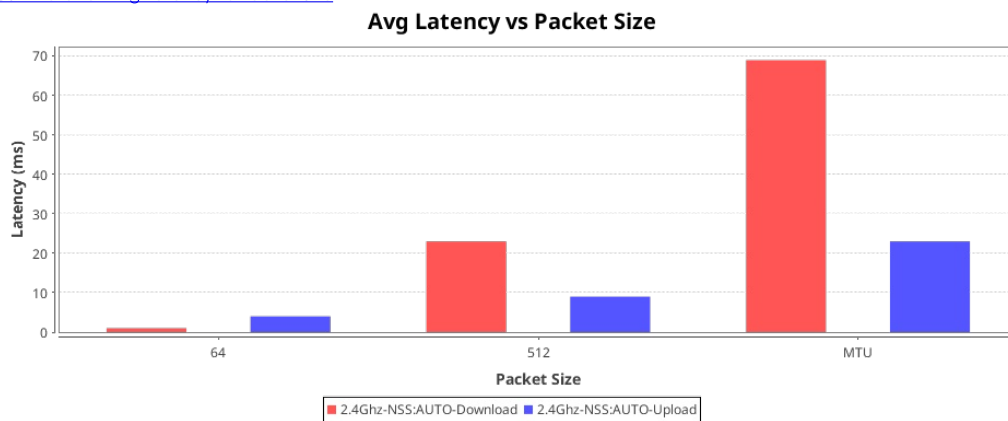
Total throughput packets-per-second for each different traffic type on all bands.

[CSV Data for Total Pps vs Packet Size](#)



Average Latency for each different traffic type on all bands.

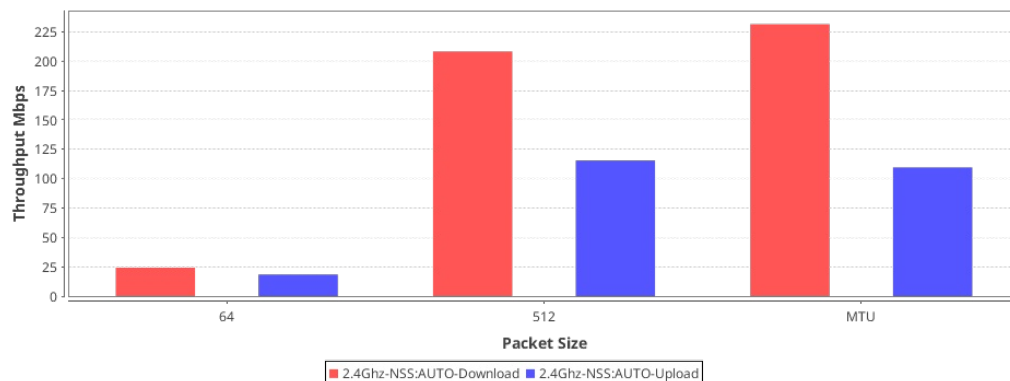
[CSV Data for Avg Latency vs Packet Size](#)



Throughput (goodput) for each different traffic type on the 2.4Ghz band.

[CSV Data for 2.4Ghz Throughput vs Packet Size](#)

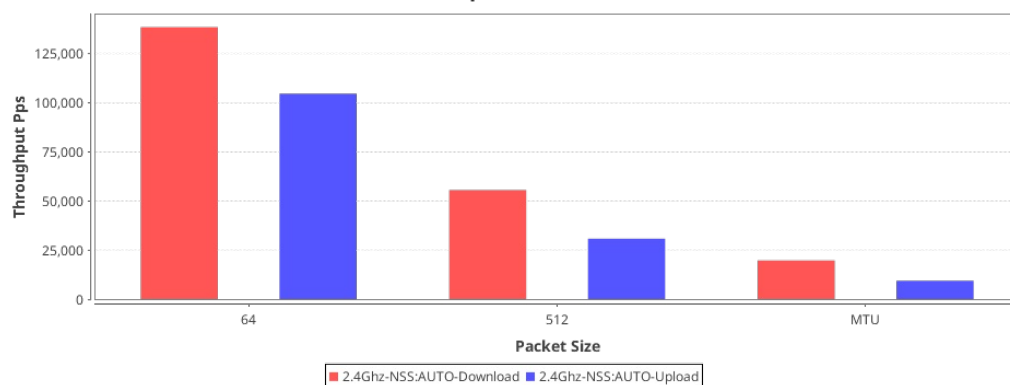
2.4Ghz Throughput vs Packet Size



Throughput packets-per-second for each different traffic type on the 2.4Ghz band.

[CSV Data for 2.4Ghz Pps vs Packet Size](#)

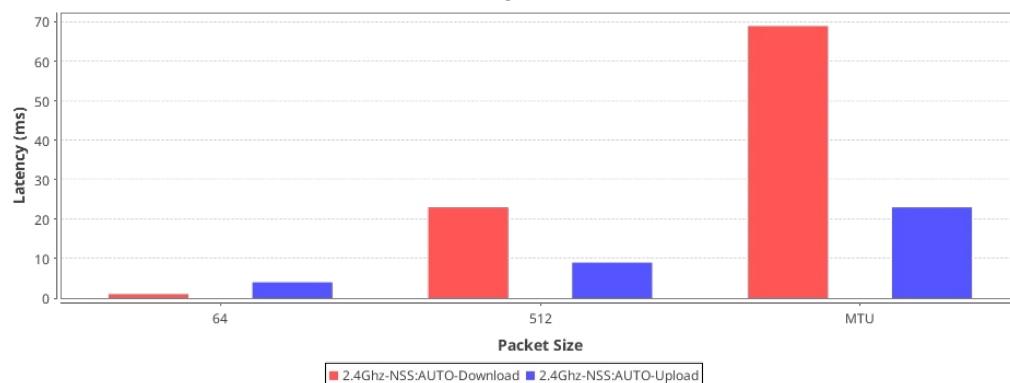
2.4Ghz Pps vs Packet Size



Average one-way Latency for each different traffic type on the 2.4Ghz band.

[CSV Data for 2.4Ghz Latency vs Packet Size](#)

2.4Ghz Latency vs Packet Size



Throughput vs Pkt Size Results

Type	Result	Notes
2.4Ghz Download Sta Qty: 1 64B	Info	24.32 Mbps PER: 8.30%
2.4Ghz Download Sta Qty: 1 512B	Info	208.36 Mbps PER: 9.47%
2.4Ghz Download Sta Qty: 1 MTU	Info	231.56 Mbps PER: 5.73%
2.4Ghz Upload Sta Qty: 1 64B	Info	18.37 Mbps PER: 0.46%
2.4Ghz Upload Sta Qty: 1 512B	Info	115.44 Mbps PER: 0.87%
2.4Ghz Upload Sta Qty: 1 MTU	Info	109.61 Mbps PER: 0.59%

Configuration NOTE	INFO	Configured to skip 5Ghz band test.
Configuration NOTE	INFO	Configured to skip Dual band test.
Configuration NOTE	INFO	Configured to skip 5Ghz-B band test.
Configuration NOTE	INFO	Configured to skip Tri band test.

Throughput vs Pkt Size Individual Steps

Notes:

(for MultiSta) In the table below, the 3 result values in parentheses are for 2.4Ghz, 5Ghz, and 5Ghz-B bands.

Type	Try #	Follow-Up	Result	Notes
2.4Ghz Download UDP 64B Sta Qty: 1	1		FAIL	Intended: 100 Offered: 100 Tput: 24.00 Mbps PER: 75.95 Latency: 10.00
2.4Ghz Download UDP 64B Sta Qty: 1	2	✓	FAIL	Intended: 100 Offered: 100 Tput: 25.43 Mbps PER: 74.55 Latency: 15.00
2.4Ghz Download UDP 64B Sta Qty: 1	3		FAIL	Intended: 50 Offered: 50 Tput: 24.92 Mbps PER: 50.03 Latency: 10.00
2.4Ghz Download UDP 64B Sta Qty: 1	4	✓	FAIL	Intended: 50 Offered: 50 Tput: 24.12 Mbps PER: 51.68 Latency: 15.00
2.4Ghz Download UDP 64B Sta Qty: 1	5		PASS	Intended: 25 Offered: 25 Tput: 23.85 Mbps PER: 4.55 Latency: 0
2.4Ghz Download UDP 64B Sta Qty: 1	6		FAIL	Intended: 38 Offered: 37 Tput: 24.60 Mbps PER: 34.33 Latency: 11.00
2.4Ghz Download UDP 64B Sta Qty: 1	7	✓	FAIL	Intended: 38 Offered: 37 Tput: 25.94 Mbps PER: 30.63 Latency: 13.00
2.4Ghz Download UDP 64B Sta Qty: 1	8		FAIL	Intended: 31 Offered: 31 Tput: 25.17 Mbps PER: 19.30 Latency: 9.00
2.4Ghz Download UDP 64B Sta Qty: 1	9	✓	FAIL	Intended: 31 Offered: 30 Tput: 24.05 Mbps PER: 23.14 Latency: 47.00
2.4Ghz Download UDP 64B Sta Qty: 1	10		FAIL	Intended: 28 Offered: 28 Tput: 25.22 Mbps PER: 10.12 Latency: 27.00
2.4Ghz Download UDP 64B Sta Qty: 1	11	✓	FAIL	Intended: 28 Offered: 28 Tput: 24.07 Mbps PER: 14.26 Latency: 7.00
2.4Ghz Download UDP 64B Sta Qty: 1	12		FAIL	Intended: 27 Offered: 27 Tput: 23.60 Mbps PER: 11.04 Latency: 17.00
2.4Ghz Download UDP 64B Sta Qty: 1	13	✓	PASS	Intended: 27 Offered: 27 Tput: 24.32 Mbps PER: 8.30 Latency: 1.00
2.4Ghz Download UDP 512B Sta Qty: 1	1		PASS	Intended: 24 Offered: 24 Tput: 24.32 Mbps PER: 0 Latency: 2.00
2.4Ghz Download UDP 512B Sta Qty: 1	2		PASS	Intended: 49 Offered: 49 Tput: 48.66 Mbps PER: 0 Latency: 1.00
2.4Ghz Download UDP 512B Sta Qty: 1	3		PASS	Intended: 97 Offered: 97 Tput: 97.27 Mbps PER: 0 Latency: 9.00
2.4Ghz Download UDP 512B Sta Qty: 1	4		PASS	Intended: 195 Offered: 194 Tput: 189.95 Mbps PER: 2.30 Latency: 1.00
2.4Ghz Download UDP 512B Sta Qty: 1	5		FAIL	Intended: 389 Offered: 389 Tput: 196.75 Mbps PER: 49.08 Latency: 30.00
2.4Ghz Download UDP 512B Sta Qty: 1	6	✓	FAIL	Intended: 389 Offered: 389 Tput: 196.62 Mbps PER: 49.23 Latency: 38.00

2.4Ghz Download UDP 512B Sta Qty: 1	7		FAIL	Intended: 292 Offered: 291 Tput: 205.34 Mbps PER: 29.51 Latency: 96.00
2.4Ghz Download UDP 512B Sta Qty: 1	8	✓	FAIL	Intended: 292 Offered: 292 Tput: 200.22 Mbps PER: 31.13 Latency: 52.00
2.4Ghz Download UDP 512B Sta Qty: 1	9		FAIL	Intended: 243 Offered: 243 Tput: 194.78 Mbps PER: 19.60 Latency: 51.00
2.4Ghz Download UDP 512B Sta Qty: 1	10	✓	FAIL	Intended: 243 Offered: 239 Tput: 206.50 Mbps PER: 14.70 Latency: 31.00
2.4Ghz Download UDP 512B Sta Qty: 1	11		PASS	Intended: 219 Offered: 219 Tput: 200.70 Mbps PER: 7.98 Latency: 21.00
2.4Ghz Download UDP 512B Sta Qty: 1	12		FAIL	Intended: 231 Offered: 230 Tput: 200.62 Mbps PER: 12.85 Latency: 35.00
2.4Ghz Download UDP 512B Sta Qty: 1	13	✓	PASS	Intended: 231 Offered: 231 Tput: 208.36 Mbps PER: 9.47 Latency: 23.00
2.4Ghz Download UDP 512B Sta Qty: 1	14		FAIL	Intended: 237 Offered: 237 Tput: 202.12 Mbps PER: 14.42 Latency: 35.00
2.4Ghz Download UDP 512B Sta Qty: 1	15	✓	FAIL	Intended: 237 Offered: 237 Tput: 206.78 Mbps PER: 12.47 Latency: 21.00
2.4Ghz Download UDP 512B Sta Qty: 1	16		FAIL	Intended: 234 Offered: 234 Tput: 205.99 Mbps PER: 11.74 Latency: 32.00
2.4Ghz Download UDP 512B Sta Qty: 1	17	✓	FAIL	Intended: 234 Offered: 234 Tput: 203.44 Mbps PER: 12.79 Latency: 42.00
2.4Ghz Download UDP 512B Sta Qty: 1	18		FAIL	Intended: 233 Offered: 233 Tput: 195.31 Mbps PER: 15.41 Latency: 24.00
2.4Ghz Download UDP 512B Sta Qty: 1	19	✓	FAIL	Intended: 233 Offered: 232 Tput: 196.92 Mbps PER: 14.97 Latency: 80.00
2.4Ghz Download UDP 512B Sta Qty: 1	20		FAIL	Intended: 232 Offered: 232 Tput: 162.73 Mbps PER: 29.38 Latency: 20.00
2.4Ghz Download UDP MTU Sta Qty: 1	1		PASS	Intended: 208 Offered: 208 Tput: 201.34 Mbps PER: 2.46 Latency: 70.00
2.4Ghz Download UDP MTU Sta Qty: 1	2		FAIL	Intended: 417 Offered: 417 Tput: 225.74 Mbps PER: 45.32 Latency: 98.00
2.4Ghz Download UDP MTU Sta Qty: 1	3	✓	FAIL	Intended: 417 Offered: 417 Tput: 217.57 Mbps PER: 47.18 Latency: 94.00
2.4Ghz Download UDP MTU Sta Qty: 1	4		FAIL	Intended: 313 Offered: 312 Tput: 219.51 Mbps PER: 29.09 Latency: 108.00
2.4Ghz Download UDP MTU Sta Qty: 1	5	✓	FAIL	Intended: 313 Offered: 304 Tput: 226.29 Mbps PER: 26.90 Latency: 128.00
2.4Ghz Download UDP MTU Sta Qty: 1	6		FAIL	Intended: 260 Offered: 260 Tput: 215.03 Mbps PER: 16.51 Latency: 82.00
2.4Ghz Download UDP MTU Sta Qty: 1	7	✓	FAIL	Intended: 260 Offered: 260 Tput: 217.64 Mbps PER: 15.62 Latency: 79.00
2.4Ghz Download UDP MTU Sta Qty: 1	8		PASS	Intended: 234 Offered: 234 Tput: 222.67 Mbps PER: 4.19 Latency: 96.00
2.4Ghz Download UDP MTU Sta Qty: 1	9		PASS	Intended: 247 Offered: 247 Tput: 231.56 Mbps PER: 5.73 Latency: 69.00
2.4Ghz Download UDP MTU Sta Qty: 1	10		FAIL	Intended: 254 Offered: 253 Tput: 223.21 Mbps PER: 11.33 Latency: 87.00
2.4Ghz Download UDP MTU Sta Qty: 1	11	✓	FAIL	Intended: 254 Offered: 244 Tput: 220.52 Mbps PER: 12.44 Latency: 89.00
2.4Ghz Download UDP MTU Sta Qty: 1	12		PASS	Intended: 251 Offered: 251 Tput: 227.03 Mbps PER: 8.59 Latency: 82.00

2.4Ghz Download UDP MTU Sta Qty: 1	13		FAIL	Intended: 252 Offered: 252 Tput: 219.91 Mbps PER: 11.95 Latency: 121.00
2.4Ghz Download UDP MTU Sta Qty: 1	14	✓	FAIL	Intended: 252 Offered: 252 Tput: 216.00 Mbps PER: 13.51 Latency: 127.00
2.4Ghz Upload UDP 64B Sta Qty: 1	1		FAIL	Intended: 232 Offered: 20 Tput: 20.30 Mbps PER: 0.28 Latency: 73.00
2.4Ghz Upload UDP 64B Sta Qty: 1	2	✓	FAIL	Intended: 232 Offered: 21 Tput: 20.36 Mbps PER: 0.19 Latency: 40.00
2.4Ghz Upload UDP 64B Sta Qty: 1	3		FAIL	Intended: 116 Offered: 19 Tput: 18.33 Mbps PER: 0.16 Latency: 18.00
2.4Ghz Upload UDP 64B Sta Qty: 1	4	✓	FAIL	Intended: 116 Offered: 20 Tput: 20.24 Mbps PER: 0.41 Latency: 55.00
2.4Ghz Upload UDP 64B Sta Qty: 1	5		FAIL	Intended: 58 Offered: 20 Tput: 19.32 Mbps PER: 0.76 Latency: 12.00
2.4Ghz Upload UDP 64B Sta Qty: 1	6	✓	FAIL	Intended: 58 Offered: 20 Tput: 19.95 Mbps PER: 0.54 Latency: 12.00
2.4Ghz Upload UDP 64B Sta Qty: 1	7		FAIL	Intended: 29 Offered: 16 Tput: 15.78 Mbps PER: 0.67 Latency: 5.00
2.4Ghz Upload UDP 64B Sta Qty: 1	8	✓	FAIL	Intended: 29 Offered: 20 Tput: 20.02 Mbps PER: 0.91 Latency: 8.00
2.4Ghz Upload UDP 64B Sta Qty: 1	9		PASS	Intended: 14 Offered: 14 Tput: 13.43 Mbps PER: 0.58 Latency: 5.00
2.4Ghz Upload UDP 64B Sta Qty: 1	10		FAIL	Intended: 22 Offered: 19 Tput: 19.19 Mbps PER: 0.77 Latency: 4.00
2.4Ghz Upload UDP 64B Sta Qty: 1	11	✓	FAIL	Intended: 22 Offered: 19 Tput: 18.94 Mbps PER: 0.76 Latency: 10.00
2.4Ghz Upload UDP 64B Sta Qty: 1	12		PASS	Intended: 18 Offered: 17 Tput: 17.13 Mbps PER: 0.51 Latency: 2.00
2.4Ghz Upload UDP 64B Sta Qty: 1	13		FAIL	Intended: 20 Offered: 18 Tput: 17.61 Mbps PER: 0.68 Latency: 8.00
2.4Ghz Upload UDP 64B Sta Qty: 1	14	✓	PASS	Intended: 20 Offered: 18 Tput: 18.37 Mbps PER: 0.46 Latency: 4.00
2.4Ghz Upload UDP 64B Sta Qty: 1	15		FAIL	Intended: 21 Offered: 19 Tput: 18.60 Mbps PER: 0.51 Latency: 7.00
2.4Ghz Upload UDP 512B Sta Qty: 1	1		PASS	Intended: 18 Offered: 18 Tput: 18.01 Mbps PER: 0.67 Latency: 1.00
2.4Ghz Upload UDP 512B Sta Qty: 1	2		PASS	Intended: 37 Offered: 36 Tput: 36.44 Mbps PER: 0.42 Latency: 1.00
2.4Ghz Upload UDP 512B Sta Qty: 1	3		PASS	Intended: 73 Offered: 73 Tput: 72.97 Mbps PER: 0.53 Latency: 7.00
2.4Ghz Upload UDP 512B Sta Qty: 1	4		FAIL	Intended: 147 Offered: 73 Tput: 75.78 Mbps PER: 1.29 Latency: 65.00
2.4Ghz Upload UDP 512B Sta Qty: 1	5	✓	FAIL	Intended: 147 Offered: 104 Tput: 98.78 Mbps PER: 0.40 Latency: 59.00
2.4Ghz Upload UDP 512B Sta Qty: 1	6		FAIL	Intended: 110 Offered: 97 Tput: 95.60 Mbps PER: 0.27 Latency: 15.00
2.4Ghz Upload UDP 512B Sta Qty: 1	7	✓	PASS	Intended: 110 Offered: 104 Tput: 102.28 Mbps PER: 0.40 Latency: 31.00
2.4Ghz Upload UDP 512B Sta Qty: 1	8		FAIL	Intended: 129 Offered: 88 Tput: 87.24 Mbps PER: 0.73 Latency: 60.00
2.4Ghz Upload UDP 512B Sta Qty: 1	9	✓	FAIL	Intended: 129 Offered: 103 Tput: 102.03 Mbps PER: 0.59 Latency: 55.00

2.4Ghz Upload UDP 512B Sta Qty: 1	10		PASS	Intended: 119 Offered: 114 Tput: 112.59 Mbps PER: 0.59 Latency: 4.00
2.4Ghz Upload UDP 512B Sta Qty: 1	11		FAIL	Intended: 124 Offered: 99 Tput: 95.77 Mbps PER: 0.73 Latency: 59.00
2.4Ghz Upload UDP 512B Sta Qty: 1	12	✓	FAIL	Intended: 124 Offered: 107 Tput: 104.98 Mbps PER: 0.73 Latency: 35.00
2.4Ghz Upload UDP 512B Sta Qty: 1	13		PASS	Intended: 122 Offered: 117 Tput: 115.44 Mbps PER: 0.87 Latency: 9.00
2.4Ghz Upload UDP 512B Sta Qty: 1	14		FAIL	Intended: 123 Offered: 102 Tput: 101.55 Mbps PER: 0.59 Latency: 62.00
2.4Ghz Upload UDP 512B Sta Qty: 1	15	✓	FAIL	Intended: 123 Offered: 103 Tput: 102.93 Mbps PER: 0.53 Latency: 75.00
2.4Ghz Upload UDP MTU Sta Qty: 1	1		PASS	Intended: 115 Offered: 111 Tput: 109.61 Mbps PER: 0.59 Latency: 23.00
2.4Ghz Upload UDP MTU Sta Qty: 1	2		FAIL	Intended: 231 Offered: 110 Tput: 106.93 Mbps PER: 2.99 Latency: 137.00
2.4Ghz Upload UDP MTU Sta Qty: 1	3	✓	FAIL	Intended: 231 Offered: 120 Tput: 110.35 Mbps PER: 2.74 Latency: 102.00
2.4Ghz Upload UDP MTU Sta Qty: 1	4		FAIL	Intended: 173 Offered: 105 Tput: 100.52 Mbps PER: 3.51 Latency: 106.00
2.4Ghz Upload UDP MTU Sta Qty: 1	5	✓	FAIL	Intended: 173 Offered: 98 Tput: 93.41 Mbps PER: 3.71 Latency: 81.00
2.4Ghz Upload UDP MTU Sta Qty: 1	6		FAIL	Intended: 144 Offered: 102 Tput: 97.15 Mbps PER: 3.77 Latency: 92.00
2.4Ghz Upload UDP MTU Sta Qty: 1	7	✓	FAIL	Intended: 144 Offered: 101 Tput: 93.02 Mbps PER: 3.92 Latency: 89.00
2.4Ghz Upload UDP MTU Sta Qty: 1	8		FAIL	Intended: 130 Offered: 100 Tput: 97.38 Mbps PER: 3.45 Latency: 98.00
2.4Ghz Upload UDP MTU Sta Qty: 1	9	✓	FAIL	Intended: 130 Offered: 84 Tput: 78.33 Mbps PER: 3.87 Latency: 58.00
2.4Ghz Upload UDP MTU Sta Qty: 1	10		FAIL	Intended: 123 Offered: 89 Tput: 83.99 Mbps PER: 1.72 Latency: 82.00
2.4Ghz Upload UDP MTU Sta Qty: 1	11	✓	FAIL	Intended: 123 Offered: 95 Tput: 93.79 Mbps PER: 1.75 Latency: 100.00
2.4Ghz Upload UDP MTU Sta Qty: 1	12		FAIL	Intended: 119 Offered: 99 Tput: 97.91 Mbps PER: 1.12 Latency: 159.00
2.4Ghz Upload UDP MTU Sta Qty: 1	13	✓	FAIL	Intended: 119 Offered: 97 Tput: 94.99 Mbps PER: 1.89 Latency: 124.00
2.4Ghz Upload UDP MTU Sta Qty: 1	14		FAIL	Intended: 117 Offered: 87 Tput: 85.05 Mbps PER: 2.25 Latency: 110.00
2.4Ghz Upload UDP MTU Sta Qty: 1	15	✓	FAIL	Intended: 117 Offered: 95 Tput: 94.76 Mbps PER: 1.00 Latency: 107.00
2.4Ghz Upload UDP MTU Sta Qty: 1	16		FAIL	Intended: 116 Offered: 78 Tput: 73.54 Mbps PER: 3.01 Latency: 72.00

Port	Tx-Bps 1m	Rx-Bps 1m	Tx-Fail %	Tx Link-Rate	Rx Link-Rate	Mode	Channel	Last CX-Time (ms)	RSSI (dBm)	AP	IP	MAC
1.1.12 wlan0	53.428 Kbps	48.573 Mbps	2.124	208 Mbps	1 Mbps	802.11bgn-AC 20 4x4	2,442	61	-35	F0:2F:74:57:DB:B0	192.168.50.151	04:f0:21:66:90:c5

Port	Tx-Bps 1m	Rx-Bps 1m	Link-Rate	IP	MAC
1.1.3 eth3	61.895 Mbps	43.996 Kbps	1 Gbps	192.168.50.42	9c:69:b4:63:16:af

Endpoint	Tx-Bps 1m	Rx-Bps 1m	TxPkts	RxPkts	RX Latency (ms)	Round-Trip Latency (ms)	Jitter	Rx Packet Loss %	Rx OOO %
cv_udp-1.3-1.wlan0--1.0.0-A	15.104 Kbps	18.409 Mbps	1144	1394370	1	11	0	8.302	0
cv_udp-1.3-1.wlan0--1.0.0-B	20.077 Mbps	14.84 Kbps	1520608	1124	10	11	6	1.748	0

Throughput Test: Snapshot 2.4Ghz Download 512

Port	Tx-Bps 1m	Rx-Bps 1m	Tx-Fail %	Tx Link-Rate	Rx Link-Rate	Mode	Channel	Last CX-Time (ms)	RSSI (dBm)	AP	IP	MAC
1.1.12 wlan0	19.875 Kbps	153.353 Mbps	1.991	78 Mbps	1 Mbps	802.11bgn-AC 20 4x4	2,442	61	-34	F0:2F:74:57:DB:B0	192.168.50.151	04:f0:21:66:90:c9

Port	Tx-Bps 1m	Rx-Bps 1m	Link-Rate	IP	MAC
1.1.3 eth3	182.663 Mbps	19.755 Kbps	1 Gbps	192.168.50.42	9c:69:b4:63:16:af

Endpoint	Tx-Bps 1m	Rx-Bps 1m	TxPkts	RxPkts	RX Latency (ms)	Round-Trip Latency (ms)	Jitter	Rx Packet Loss %	Rx OOO %
cv_udp-1.3-1.wlan0--1.0.0-A	14.685 Kbps	121.537 Mbps	53	438633	20	51	0	29.379	0
cv_udp-1.3-1.wlan0--1.0.0-B	172.093 Mbps	14.684 Kbps	621108	53	31	51	21	0	0

Throughput Test: Snapshot 2.4Ghz Download MTU

Port	Tx-Bps 1m	Rx-Bps 1m	Tx-Fail %	Tx Link-Rate	Rx Link-Rate	Mode	Channel	Last CX-Time (ms)	RSSI (dBm)	AP	IP	MAC
1.1.12 wlan0	16.301 Kbps	164.41 Mbps	1.95	104 Mbps	1 Mbps	802.11bgn-AC 20 4x4	2,442	61	-36	F0:2F:74:57:DB:B0	192.168.50.151	04:f0:21:66:90:c9

Port	Tx-Bps 1m	Rx-Bps 1m	Link-Rate	IP	MAC
1.1.3 eth3	179.748 Mbps	15.382 Kbps	1 Gbps	192.168.50.42	9c:69:b4:63:16:af

Endpoint	Tx-Bps 1m	Rx-Bps 1m	TxPkts	RxPkts	RX Latency (ms)	Round-Trip Latency (ms)	Jitter	Rx Packet Loss %	Rx OOO %
cv_udp-1.3-1.wlan0--1.0.0-A	15.037 Kbps	165.16 Mbps	17	186707	127	146	0	13.510	0
cv_udp-1.3-1.wlan0--1.0.0-B	190.956 Mbps	15.037 Kbps	215872	17	19	146	13	0	0

Throughput Test: Snapshot 2.4Ghz Upload 64

Port	Tx-Bps 1m	Rx-Bps 1m	Tx-Fail %	Tx Link-Rate	Rx Link-Rate	Mode	Channel	Last CX-Time (ms)	RSSI (dBm)	AP	IP	MAC
1.1.12 wlan0	47.718 Mbps	2.263 Kbps	0.29	173.3 Mbps	1 Mbps	802.11bgn-AC 20 4x4	2,442	61	-34	F0:2F:74:57:DB:B0	192.168.50.151	04:f0:21:66:90:c9

Port	Tx-Bps 1m	Rx-Bps 1m	Link-Rate	IP	MAC
1.1.3 eth3	767 bps	39.129 Mbps	1 Gbps	192.168.50.42	9c:69:b4:63:16:af

Endpoint	Tx-Bps 1m	Rx-Bps 1m	TxPkts	RxPkts	RX Latency (ms)	Round-Trip Latency (ms)	Jitter	Rx Packet Loss %	Rx OOO %
cv_udp-1.3-1.wlan0--1.0.0-A	14.318 Mbps	0 bps	1073279	0	0	7	0	0	0
cv_udp-1.3-1.wlan0--1.0.0-B	0 bps	14.273 Mbps	0	1069895	7	7	0	0.514	0.001

Throughput Test: Snapshot 2.4Ghz Upload 512

Port	Tx-Bps 1m	Rx-Bps 1m	Tx-Fail %	Tx Link-Rate	Rx Link-Rate	Mode	Channel	Last CX-Time (ms)	RSSI (dBm)	AP	IP	MAC
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			%					(ms)				
1.1.12 wlan0	90.355 Mbps	5.049 Kbps	0.431	130 Mbps	1 Mbps	802.11bgn-AC 20 4x4	2.442	61	-33	F0:2F:74:57:DB:B0	192.168.50.151	04:f0:21:66:90:c9

Port	Tx-Bps 1m	Rx-Bps 1m	Link-Rate	IP	MAC
1.1.3 eth3	4.626 Kbps	83.084 Mbps	1 Gbps	192.168.50.42	9c:69:b4:63:16:af

Endpoint	Tx-Bps 1m	Rx-Bps 1m	TxPkts	RxPkts	RX Latency (ms)	Round-Trip Latency (ms)	Jitter	Rx Packet Loss %	Rx OOO %
cv_udp-1.3-1.wlan0-1.0.0-A	76.993 Mbps	0 bps	275292	0	0	75	0	0	0
cv_udp-1.3-1.wlan0-1.0.0-B	0 bps	76.576 Mbps	0	273843	75	75	0	0.526	0.149

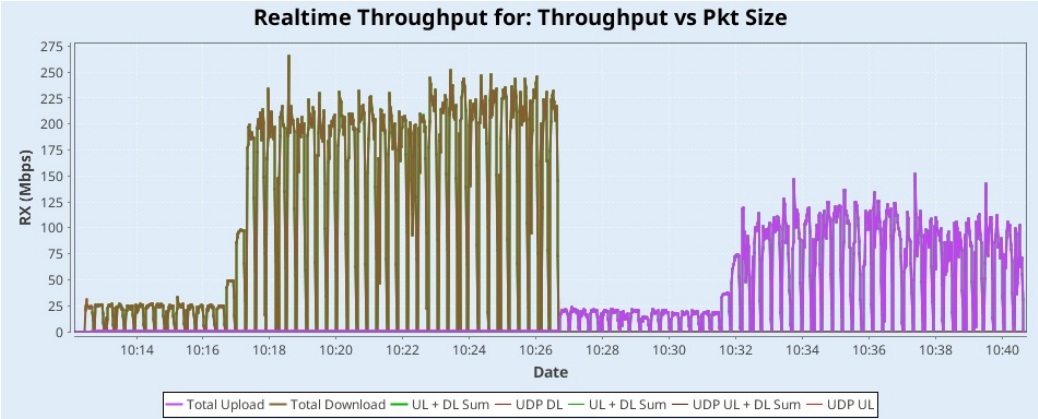
Throughput Test: Snapshot 2.4Ghz Upload MTU

Port	Tx-Bps 1m	Rx-Bps 1m	Tx-Fail %	Tx Link-Rate	Rx Link-Rate	Mode	Channel	Last CX-Time (ms)	RSSI (dBm)	AP	IP	MAC
1.1.12 wlan0	67.295 Mbps	3.883 Kbps	0.491	173.3 Mbps	1 Mbps	802.11bgn-AC 20 4x4	2.442	61	-35	F0:2F:74:57:DB:B0	192.168.50.151	04:f0:21:66:90:c9

Port	Tx-Bps 1m	Rx-Bps 1m	Link-Rate	IP	MAC
1.1.3 eth3	1.969 Kbps	62.413 Mbps	1 Gbps	192.168.50.42	9c:69:b4:63:16:af

Endpoint	Tx-Bps 1m	Rx-Bps 1m	TxPkts	RxPkts	RX Latency (ms)	Round-Trip Latency (ms)	Jitter	Rx Packet Loss %	Rx OOO %
cv_udp-1.3-1.wlan0-1.0.0-A	58.919 Mbps	0 bps	67208	0	0	72	0	0	0
cv_udp-1.3-1.wlan0-1.0.0-B	0 bps	57.139 Mbps	0	65187	72	72	0	3.007	0.354

Realtime Throughput for: Throughput vs Pkt Size



[Throughput vs Pkt Size Log](#)

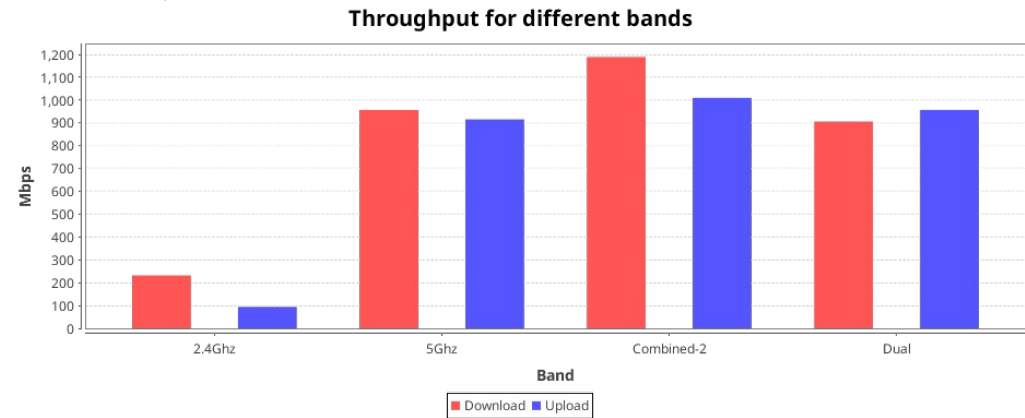
Multi Band Performance

Summary

The Multi Band Performance test intends to verify that the Wi-Fi AP gives expected throughput with multiple bands active with a single station on each band. The configured speed will be 20% higher than the passing value for MTU sized frames in the throughpu test. If the throughput test was skipped, then fixed values will be used.

A test is considered passed if the multi-band concurrent throughput is at least 90% of the sum of the individual single-band throughput tests. The score is the percentage of the throughput vs that 90% cut-off.

Throughput for different bands.



Multi Band Performance Results

Type	Result	Notes
2.4Ghz Download	PASS	231.82 Mbps PER: 5.56
5Ghz Download	PASS	956.86 Mbps PER: 0
Dual Download	FAIL	906.26 Mbps PER: 4.54 Dual-Concurrent vs 90% of Sum: 906.26 Mbps / 1,069.81 Mbps
2.4Ghz Upload	PASS	94.53 Mbps PER: 0
5Ghz Upload	PASS	1,008.67 Mbps PER: 0
Dual Upload	PASS	957.02 Mbps PER: 0 Dual-Concurrent vs 90% of Sum: 957.02 Mbps / 908.94 Mbps

Throughput Test, 2.4Ghz: Snapshot Download

Port	Tx-Bps 1m	Rx-Bps 1m	Tx-Fail %	Tx Link-Rate	Rx Link-Rate	Mode	Channel	Last CX-Time (ms)	RSSI (dBm)	AP	IP	MAC
1.1.12 wlan0	4.98 Kbps	54.45 Mbps	0	86.7 Mbps	346.7 Mbps	802.11bgn-AC 20 4x4	2,442	63	-43	F0:2F:74:57:DB:B0	192.168.50.151	04:f0:21:66:90:c9

Port	Tx-Bps 1m	Rx-Bps 1m	Link-Rate	IP	MAC
1.1.3 eth3	25.93 Mbps	39.559 Mbps	1 Gbps	192.168.50.42	9c:69:b4:63:16:af

Endpoint	Tx-Bps 1m	Rx-Bps 1m	TxPkts	RxPkts	RX Latency (ms)	Round-Trip Latency (ms)	Jitter	Rx Packet Loss %	Rx OOO %
cv_udp-1.3-1.wlan0--1.0.0-A	19.829 Kbps	233.29 Mbps	17	199995	94	127	0	10.391	0
cv_udp-1.3-1.wlan0--1.0.0-B	277.399 Mbps	19.885 Kbps	223186	16	33	127	24	0	0

Throughput Test, 5Ghz: Snapshot Download

Port	Tx-Bps 1m	Rx-Bps 1m	Tx-Fail %	Tx Link-Rate	Rx Link-Rate	Mode	Channel	Last CX-Time (ms)	RSSI (dBm)	AP	IP	MAC
1.1.13 wlan2	4.857 Kbps	227.754 Mbps	16	1633.5 Mbps	1.441 Gbps	802.11an-AX 80 4x4	5,280	36	-29	F0:2F:74:57:DB:B4	192.168.50.111	00:0a:52:07:33:c4

Port	Tx-Bps 1m	Rx-Bps 1m	Link-Rate	IP	MAC
1.1.3 eth3	216.749 Mbps	12.331 Mbps	1 Gbps	192.168.50.42	9c:69:b4:63:16:af

Endpoint	Tx-Bps 1m	Rx-Bps 1m	TxPkts	RxPkts	RX Latency (ms)	Round-Trip Latency (ms)	Jitter	Rx Packet Loss %	Rx OOO %
cv_udp-1.3-1.wlan2--1.0.0-A	19.72 Kbps	956.912 Mbps	17	824968	15	17	17	0	9.322
cv_udp-1.3-1.wlan2--1.0.0-B	917.52 Mbps	19.15 Kbps	718630	15	2	17	1	0	0

Throughput Test, Dual: Snapshot Download

Port	Tx-Bps 1m	Rx-Bps 1m	Tx-Fail %	Tx Link-Rate	Rx Link-Rate	Mode	Channel	Last CX-Time (ms)	RSSI (dBm)	AP	IP	MAC
1.1.12 wlan0	16.634 Kbps	86.409 Mbps	0	104 Mbps	346.7 Mbps	802.11bgn-AC 20 4x4	2,442	63	-44	F0:2F:74:57:DB:B0	192.168.50.151	04:f0:21:66:90:c9
1.1.13 wlan2	12.95 Kbps	285.242 Mbps	21.053	1225.1 Mbps	1.441 Gbps	802.11an-AX 80 4x4	5,280	36	-29	F0:2F:74:57:DB:B4	192.168.50.111	00:0a:52:07:33:c4

Port	Tx-Bps 1m	Rx-Bps 1m	Link-Rate	IP	MAC
1.1.3 eth3	321.335 Mbps	10.63 Mbps	1 Gbps	192.168.50.42	9c:69:b4:63:16:af

Endpoint	Tx-Bps 1m	Rx-Bps 1m	TxPkts	RxPkts	RX Latency (ms)	Round-Trip Latency (ms)	Jitter	Rx Packet Loss %	Rx OOO %
cv_udp-1.3-1.wlan0--1.0.0-A	20.699 Kbps	228.399 Mbps	18	198605	130	153	0	19.592	0.647
cv_udp-1.3-1.wlan0--1.0.0-B	271.391 Mbps	20.094 Kbps	216084	16	23	153	15	0	0
cv_udp-1.3-1.wlan2--1.0.0-A	20.552 Kbps	676.87 Mbps	18	592801	16	19	18	0	19.989
cv_udp-1.3-1.wlan2--1.0.0-B	662.408 Mbps	19.902 Kbps	532510	16	3	19	1	0	0

Throughput Test, 2.4Ghz: Snapshot Upload

Port	Tx-Bps 1m	Rx-Bps 1m	Tx-Fail %	Tx Link-Rate	Rx Link-Rate	Mode	Channel	Last CX-Time (ms)	RSSI (dBm)	AP	IP	MAC
1.1.12 wlan0	14.575 Mbps	79.734 Mbps	1.556	104 Mbps	1 Mbps	802.11bgn-AC 20 4x4	2,442	63	-31	F0:2F:74:57:DB:B0	192.168.50.151	04:f0:21:66:90:c9

Port	Tx-Bps 1m	Rx-Bps 1m	Link-Rate	IP	MAC
1.1.3 eth3	299.629 Mbps	20.801 Mbps	1 Gbps	192.168.50.42	9c:69:b4:63:16:af

Endpoint	Tx-Bps 1m	Rx-Bps 1m	TxPkts	RxPkts	RX Latency (ms)	Round-Trip Latency (ms)	Jitter	Rx Packet Loss %	Rx OOO %
cv_udp-1.3-1.wlan0--1.0.0-A	96.412 Mbps	0 bps	82909	0	0	120	0	0	0
cv_udp-1.3-1.wlan0--1.0.0-B	0 bps	94.752 Mbps	0	76283	120	120	0	0	0.388

Throughput Test, 5Ghz: Snapshot Upload

Port	Tx-Bps 1m	Rx-Bps 1m	Tx-Fail %	Tx Link-Rate	Rx Link-Rate	Mode	Channel	Last CX-Time (ms)	RSSI (dBm)	AP	IP	MAC
1.1.13 wlan2	107.728 Mbps	247.969 Mbps	14.755	1814.8 Mbps	1.361 Gbps	802.11an-AX 80 4x4	5,280	36	-31	F0:2F:74:57:DB:B4	192.168.50.111	00:0a:52:07:33:c4

Port	Tx-Bps 1m	Rx-Bps 1m	Link-Rate	IP	MAC
1.1.3 eth3	261.467 Mbps	130.792 Mbps	1 Gbps	192.168.50.42	9c:69:b4:63:16:af

Endpoint	Tx-Bps 1m	Rx-Bps 1m	TxPkts	RxPkts	RX Latency (ms)	Round-Trip Latency (ms)	Jitter	Rx Packet Loss %	Rx OOO %
cv_udp-1.3-1.wlan2--1.0.0-A	1.118 Gbps	0 bps	964150	0	0	32	0	0	0
cv_udp-1.3-1.wlan2--1.0.0-B	0 bps	922.561 Mbps	0	718661	32	32	0	7.618	0

Throughput Test, Dual: Snapshot Upload

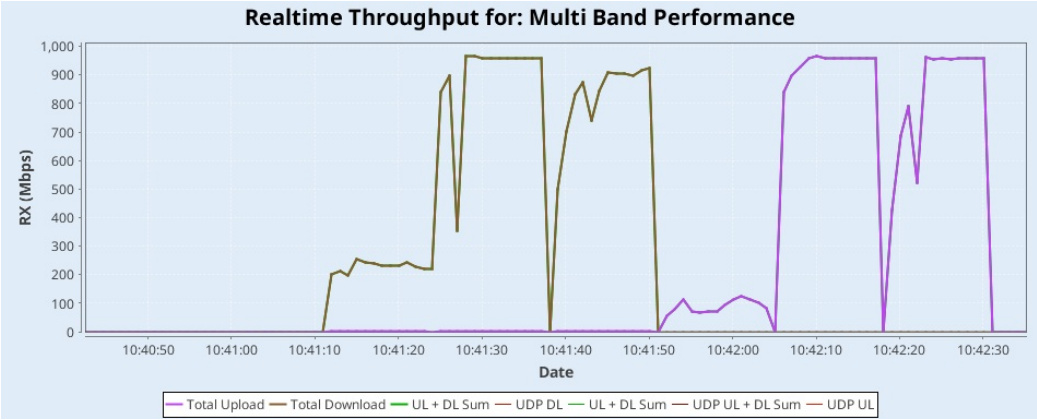
Port	Tx-Bps 1m	Rx-Bps 1m	Tx-Fail %	Tx Link-Rate	Rx Link-Rate	Mode	Channel	Last CX-Time (ms)	RSSI (dBm)	AP	IP	MAC
1.1.12 wlan0	20.556 Mbps	62.634 Mbps	1.448	156 Mbps	1 Mbps	802.11bgn-AC 20 4x4	2,442	63	-32	F0:2F:74:57:DB:B0	192.168.50.151	04:f0:21:66:90:c9
1.1.13 wlan2	247.143 Mbps	213.473 Mbps	15.381	1814.8 Mbps	1.361 Gbps	802.11an-AX 80 4x4	5,280	36	-31	F0:2F:74:57:DB:B4	192.168.50.111	00:0a:52:07:33:c4

Port	Tx-Bps 1m	Rx-Bps 1m	Link-Rate	IP	MAC

1.1.3 eth3 398.416 Mbps 393.553 Mbps 1 Gbps 192.168.50.42 9c:69:b4:63:16:af

Endpoint	Tx-Bps 1m	Rx-Bps 1m	TxPkts	RxPkts	RX Latency (ms)	Round-Trip Latency (ms)	Jitter	Rx Packet Loss %	Rx OOO %
cv_udp-1.3-1.wlan0--1.0.0-A	112.81 Mbps	0 bps	97307	0	0	102	0	0	0
cv_udp-1.3-1.wlan0--1.0.0-B	0 bps	103.407 Mbps	0	83434	102	102	0	5.611	0.569
cv_udp-1.3-1.wlan2--1.0.0-A	1.078 Gbps	0 bps	932609	0	0	34	0	0	0
cv_udp-1.3-1.wlan2--1.0.0-B	0 bps	859.878 Mbps	0	692008	34	34	0	17.601	0

Realtime Throughput for: Multi Band Performance



[Multi Band Performance Log](#)

Multi-Station Throughput vs Pkt Size

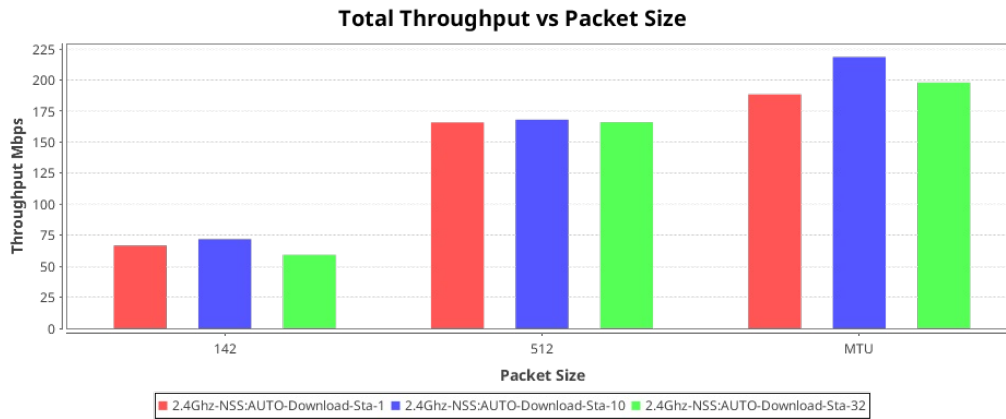
Summary

The Multi-Station Throughput vs Pkt Size test reports the Wi-Fi AP throughput at different frame sizes for different numbers of stations. This test will pick a starting point and then adjust rates up or down (hunt) until it finds the maximum rate that meets the packet loss criteria. All stations on a particular band (2.4, 5, 5b) will use the same requested rate when hunting. This normally means that a set of 5Ghz stations will hunt higher than a set of 2.4Ghz stations. A hunt iteration is considered failed if the average packet loss for a band is above the configured value (20.00) or if the offered rate is more than 10% higher than the reported throughput. A failing iteration will be retried a configurable amount of times (1) The hunt for each combination of packet size and number of stations stops after the configured number of iterations (20) or when the calculated change in requested throughput for the next step is less than 1Mbps The pass/fail criteria is based on the user-specified thresholds. If no threshold is defined, the value will be reported without pass/fail being calculated.

The Candela Score for the Multi-Station Throughput vs Pkt Size test is 50% based on the percentage of tests that passed and 50% based on total throughput vs requested throughput.

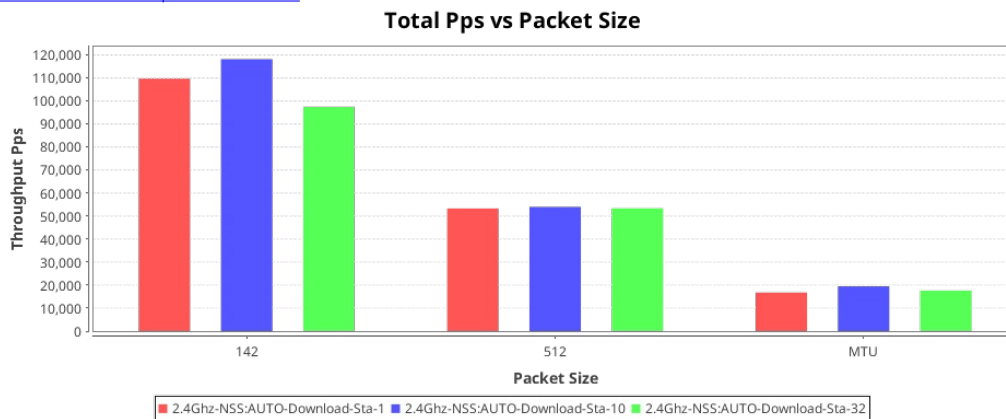
Total throughput (goodput) for each different traffic type on all bands.

[CSV Data for Total Throughput vs Packet Size](#)



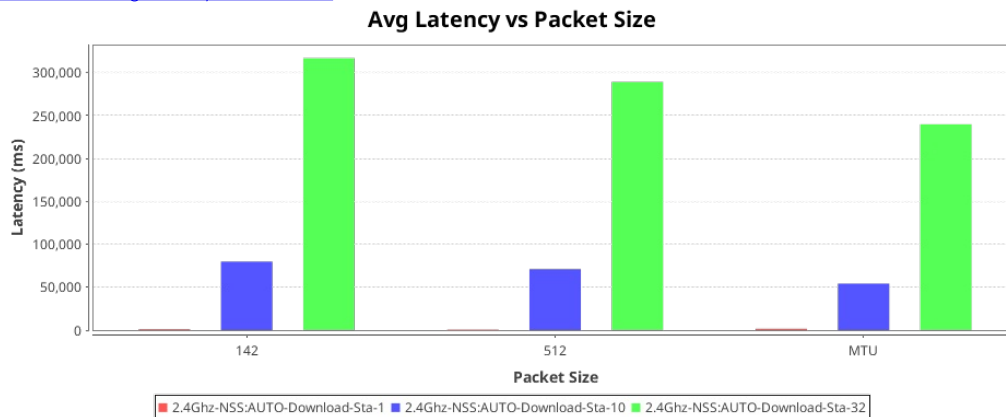
Total throughput packets-per-second for each different traffic type on all bands.

[CSV Data for Total Pps vs Packet Size](#)



Average Latency for each different traffic type on all bands.

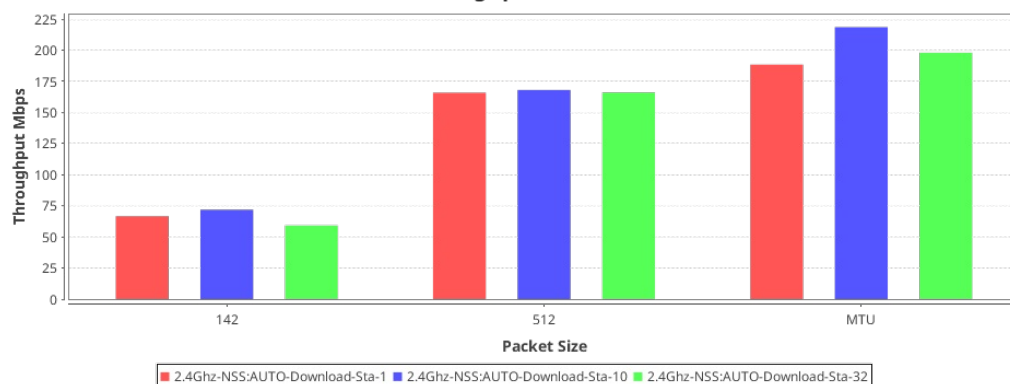
[CSV Data for Avg Latency vs Packet Size](#)



Throughput (goodput) for each different traffic type on the 2.4Ghz band.

[CSV Data for 2.4Ghz Throughput vs Packet Size](#)

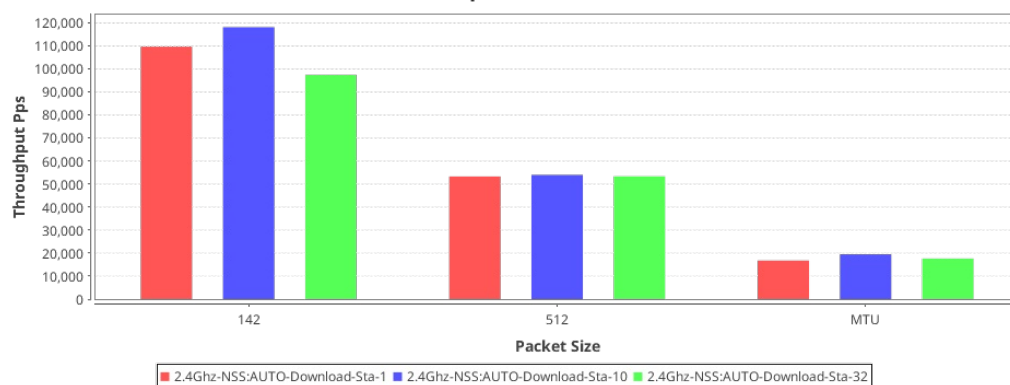
2.4Ghz Throughput vs Packet Size



Throughput packets-per-second for each different traffic type on the 2.4Ghz band.

[CSV Data for 2.4Ghz Pps vs Packet Size](#)

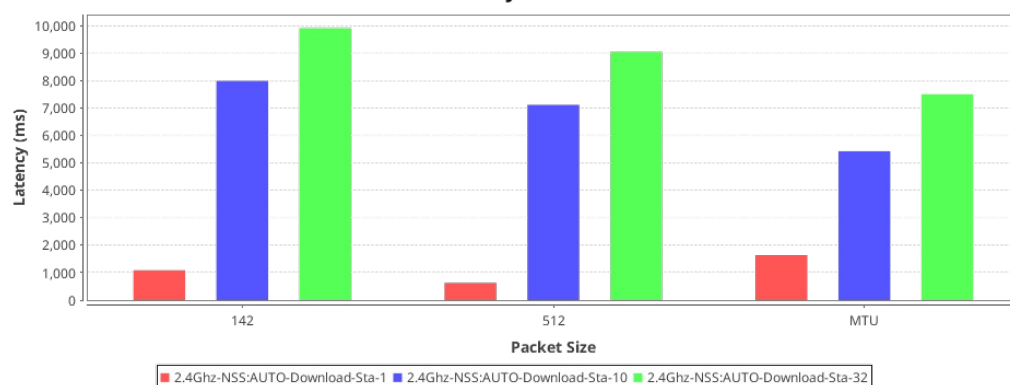
2.4Ghz Pps vs Packet Size



Average one-way Latency for each different traffic type on the 2.4Ghz band.

[CSV Data for 2.4Ghz Latency vs Packet Size](#)

2.4Ghz Latency vs Packet Size



Multi-Station Throughput vs Pkt Size Results

Type	Result	Notes
Configuration NOTE	INFO	Packet size 64 not supported by TCP, defaulting to 142
2.4Ghz Download Sta Qty: 1 142B	Info	66.67 Mbps PER: 0%
2.4Ghz Download Sta Qty: 1 512B	Info	165.88 Mbps PER: 0%
2.4Ghz Download Sta Qty: 1 MTU	Info	188.49 Mbps PER: 0%
Configuration NOTE	INFO	Packet size 64 not supported by TCP, defaulting to 142
2.4Ghz Download Sta Qty: 10 142B	Info	71.83 Mbps PER: 0%

2.4Ghz Download Sta Qty: 10 512B	Info	168.09 Mbps PER: 0%
2.4Ghz Download Sta Qty: 10 MTU	Info	218.56 Mbps PER: 0%
Configuration NOTE	INFO	Packet size 64 not supported by TCP, defaulting to 142
2.4Ghz Download Sta Qty: 32 142B	Info	59.26 Mbps PER: 21.14%
2.4Ghz Download Sta Qty: 32 512B	Info	166.06 Mbps PER: 38.23%
2.4Ghz Download Sta Qty: 32 MTU	Info	198.08 Mbps PER: 47.77%
Configuration NOTE	INFO	Configured to skip 5Ghz band test.
Configuration NOTE	INFO	Configured to skip Dual band test.
Configuration NOTE	INFO	Configured to skip 5Ghz-B band test.
Configuration NOTE	INFO	Configured to skip Tri band test.

Multi-Station Throughput vs Pkt Size Individual Steps

Notes:
(for MultiSta) In the table below, the 3 result values in parentheses are for 2.4Ghz, 5Ghz, and 5Ghz-B bands.

Type	Try #	Follow-Up	Result	Notes
2.4Ghz Download TCP 142B Sta Qty: 1	1		PASS	Intended: 10,000 Offered: 66 Tput: 66.67 Mbps PER: 0 Latency: 1,087.00
2.4Ghz Download TCP 512B Sta Qty: 1	1		PASS	Intended: 10,000 Offered: 167 Tput: 165.88 Mbps PER: 0 Latency: 627.00
2.4Ghz Download TCP MTU Sta Qty: 1	1		PASS	Intended: 10,000 Offered: 192 Tput: 188.49 Mbps PER: 0 Latency: 1,633.00
2.4Ghz Download TCP 142B Sta Qty: 10	1		(PASS/_/_)	Intended: 100,000 Offered: 72 Tput: 71.83 Mbps PER: 0 Latency: 7,984.30
2.4Ghz Download TCP 512B Sta Qty: 10	1		(PASS/_/_)	Intended: 100,000 Offered: 171 Tput: 168.09 Mbps PER: 0 Latency: 7,110.40
2.4Ghz Download TCP MTU Sta Qty: 10	1		(PASS/_/_)	Intended: 100,000 Offered: 210 Tput: 218.56 Mbps PER: 0 Latency: 5,422.10
2.4Ghz Download TCP 142B Sta Qty: 32	1		(PASS/_/_)	Intended: 320,000 Offered: 107 Tput: 59.26 Mbps PER: 21.14 Latency: 9,904.16
2.4Ghz Download TCP 512B Sta Qty: 32	1		(PASS/_/_)	Intended: 320,000 Offered: 405 Tput: 166.06 Mbps PER: 38.23 Latency: 9,039.03
2.4Ghz Download TCP MTU Sta Qty: 32	1		(PASS/_/_)	Intended: 320,000 Offered: 508 Tput: 198.08 Mbps PER: 47.77 Latency: 7,496.62

Throughput Test: Snapshot 2.4Ghz Download 142

Port	Tx-Bps 1m	Rx-Bps 1m	Tx-Fail %	Tx Link-Rate	Rx Link-Rate	Mode	Channel	Last CX-Time (ms)	RSSI (dBm)	AP	IP	MAC
1.1.12 wlan0	872.509 Kbps	52.879 Mbps	0.263	195 Mbps	346.7 Mbps	802.11bgn-AC 20 4x4	2.442	51	-43	F0:2F:74:57:DB:B0	192.168.50.151	04:f0:21:66:90:c9

Port	Tx-Bps 1m	Rx-Bps 1m	Link-Rate	IP	MAC
1.1.3 eth3	264.152 Mbps	262.371 Mbps	1 Gbps	192.168.50.42	9c:69:b4:63:16:af

Endpoint	Tx-Bps 1m	Rx-Bps 1m	TxPkts	RxPkts	RX Latency (ms)	Round-Trip Latency (ms)	Jitter	Rx Packet Loss %	Rx OOO %
cv_tcp-1.3-1.wlan0--1.0.0-A	0 bps	54.441 Mbps	0	1412	1,087	1,087	10	0	0
cv_tcp-1.3-1.wlan0--1.0.0-B	49.352 Mbps	0 bps	1280	0	0	1,087	0	0	0

Throughput Test: Snapshot 2.4Ghz Download 512

Port	Tx-Bps 1m	Rx-Bps 1m	Tx-Fail %	Tx Link-Rate	Rx Link-Rate	Mode	Channel	Last CX-Time (ms)	RSSI (dBm)	AP	IP	MAC
1.1.12 wlan0	1.037 Mbps	88.283 Mbps	0.397	86.7 Mbps	1 Mbps	802.11bgn-AC 20 4x4	2,442	51	-35	F0:2F:74:57:DB:B0	192.168.50.151	04:f0:21:66:90:c9

Port	Tx-Bps 1m	Rx-Bps 1m	Link-Rate	IP	MAC
1.1.3 eth3	71.63 Mbps	84.816 Mbps	1 Gbps	192.168.50.42	9c:69:b4:63:16:af

Endpoint	Tx-Bps 1m	Rx-Bps 1m	TxPkts	RxPkts	RX Latency (ms)	Round-Trip Latency (ms)	Jitter	Rx Packet Loss %	Rx OOO %
cv_tcp-1.3-1.wlan0--1.0.0-A	0 bps	136.437 Mbps	0	3398	627	627	4	0	0
cv_tcp-1.3-1.wlan0--1.0.0-B	128.297 Mbps	0 bps	3195	0	0	627	0	0	0

Throughput Test: Snapshot 2.4Ghz Download MTU

Port	Tx-Bps 1m	Rx-Bps 1m	Tx-Fail %	Tx Link-Rate	Rx Link-Rate	Mode	Channel	Last CX-Time (ms)	RSSI (dBm)	AP	IP	MAC
1.1.12 wlan0	925.584 Kbps	101.639 Mbps	0.527	58.5 Mbps	346.7 Mbps	802.11bgn-AC 20 4x4	2,442	51	-33	F0:2F:74:57:DB:B0	192.168.50.151	04:f0:21:66:90:c9

Port	Tx-Bps 1m	Rx-Bps 1m	Link-Rate	IP	MAC
1.1.3 eth3	92.474 Mbps	65.817 Mbps	1 Gbps	192.168.50.42	9c:69:b4:63:16:af

Endpoint	Tx-Bps 1m	Rx-Bps 1m	TxPkts	RxPkts	RX Latency (ms)	Round-Trip Latency (ms)	Jitter	Rx Packet Loss %	Rx OOO %
cv_tcp-1.3-1.wlan0--1.0.0-A	0 bps	162.803 Mbps	0	4107	1,633	1,633	4	0	0
cv_tcp-1.3-1.wlan0--1.0.0-B	143.327 Mbps	0 bps	3615	0	0	1,633	0	0	0

Throughput Test: Snapshot 2.4Ghz Download 142

Port	Tx-Bps 1m	Rx-Bps 1m	Tx-Fail %	Tx Link-Rate	Rx Link-Rate	Mode	Channel	Last CX-Time (ms)	RSSI (dBm)	AP	IP	MAC
1.1.12 wlan0	635.286 Kbps	60.834 Mbps	0.538	130 Mbps	312 Mbps	802.11bgn-AC 20 4x4	2,442	51	-43	F0:2F:74:57:DB:B0	192.168.50.151	04:f0:21:66:90:c9
1.1.14 sta01000	228.576 Kbps	5.313 Mbps	2.341	173.3 Mbps	1 Mbps	802.11bgn-AC 20 4x4	2,442	57	-37	F0:2F:74:57:DB:B0	192.168.50.27	04:f0:21:66:a7:c9
1.1.15 sta01001	126.81 Kbps	3.737 Mbps	1.903	175.5 Mbps	1 Mbps	802.11bgn-AC 20 4x4	2,442	59	-36	F0:2F:74:57:DB:B0	192.168.50.104	04:f0:21:66:8f:c9
1.1.16 sta01002	226.333 Kbps	4.127 Mbps	2.315	130 Mbps	1 Mbps	802.11bgn-AC 20 4x4	2,442	67	-36	F0:2F:74:57:DB:B0	192.168.50.74	04:f0:21:66:a8:c9
1.1.17 sta01003	240.677 Kbps	5.034 Mbps	0.828	234 Mbps	1 Mbps	802.11bgn-AC 20 4x4	2,442	52	-36	F0:2F:74:57:DB:B0	192.168.50.86	04:f0:21:66:9e:c9
1.1.18 sta01004	228.234 Kbps	4.138 Mbps	0.575	175.5 Mbps	1 Mbps	802.11bgn-AC 20 4x4	2,442	46	-36	F0:2F:74:57:DB:B0	192.168.50.121	04:f0:21:66:a9:c9
1.1.19 sta01005	245.582 Kbps	4.138 Mbps	1.786	173.3 Mbps	346.7 Mbps	802.11bgn-AC 20 4x4	2,442	65	-43	F0:2F:74:57:DB:B0	192.168.50.80	04:f0:21:66:a3:c9
1.1.23 sta01006	244.457 Kbps	5.717 Mbps	1.057	208 Mbps	346.7 Mbps	802.11bgn-AC 20 4x4	2,442	61	-43	F0:2F:74:57:DB:B0	192.168.50.204	04:f0:21:66:8c:c9
1.1.24 sta01007	237.39 Kbps	4.578 Mbps	1.074	144.4 Mbps	346.7 Mbps	802.11bgn-AC 20 4x4	2,442	53	-43	F0:2F:74:57:DB:B0	192.168.50.244	04:f0:21:66:bb:c9
1.1.25 sta01008	240.455 Kbps	5.208 Mbps	1.469	231.1 Mbps	346.7 Mbps	802.11bgn-AC 20 4x4	2,442	57	-43	F0:2F:74:57:DB:B0	192.168.50.98	04:f0:21:66:94:c9

Port	Tx-Bps 1m	Rx-Bps 1m	Link-Rate	IP	MAC
1.1.3 eth3	74.656 Mbps	1.452 Mbps	1 Gbps	192.168.50.42	9c:69:b4:63:16:af

Endpoint	Tx-Bps 1m	Rx-Bps 1m	TxPkts	RxPkts	RX Latency (ms)	Round-Trip Latency (ms)	Jitter	Rx Packet Loss %	Rx OOO %
cv_tcp-1.3-1.wlan0--1.0.0-A	0 bps	7.731 Mbps	0	202	7,801	7,801	111	0	0
cv_tcp-1.3-1.wlan0--1.0.0-B	6.119 Mbps	0 bps	160	0	0	7,801	0	0	0
cv_tcp-1.3-1.sta01000--1.0.0-A	0 bps	8.829 Mbps	0	231	8,442	8,442	78	0	0
cv_tcp-1.3-1.sta01000--1.0.0-B	6.321 Mbps	0 bps	165	0	0	8,442	0	0	0
cv_tcp-1.3-1.sta01001--1.0.0-A	0 bps	5.914 Mbps	0	155	6,678	6,678	144	0	0
cv_tcp-1.3-1.sta01001--1.0.0-B	4.597 Mbps	0 bps	120	0	0	6,678	0	0	0
cv_tcp-1.3-1.sta01002--1.0.0-A	0 bps	6.72 Mbps	0	175	8,047	8,047	114	0	0

cv_tcp-1.3-1.sta01002--1.0.0-B	4.98 Mbps	0 bps	130	0	0	8,047	0	0	0
cv_tcp-1.3-1.sta01003--1.0.0-A	0 bps	8.446 Mbps	0	221	6,549	6,549	82	0	0
cv_tcp-1.3-1.sta01003--1.0.0-B	6.513 Mbps	0 bps	170	0	0	6,549	0	0	0
cv_tcp-1.3-1.sta01004--1.0.0-A	0 bps	6.65 Mbps	0	174	7,136	7,136	114	0	0
cv_tcp-1.3-1.sta01004--1.0.0-B	5.172 Mbps	0 bps	135	0	0	7,136	0	0	0
cv_tcp-1.3-1.sta01005--1.0.0-A	0 bps	6.165 Mbps	0	176	11,083	11,083	128	0	0
cv_tcp-1.3-1.sta01005--1.0.0-B	3.685 Mbps	0 bps	105	0	0	11,083	0	0	0
cv_tcp-1.3-1.sta01006--1.0.0-A	0 bps	9.624 Mbps	0	275	9,228	9,228	89	0	0
cv_tcp-1.3-1.sta01006--1.0.0-B	6.318 Mbps	0 bps	180	0	0	9,228	0	0	0
cv_tcp-1.3-1.sta01007--1.0.0-A	0 bps	7.55 Mbps	0	215	8,443	8,443	80	0	0
cv_tcp-1.3-1.sta01007--1.0.0-B	5.089 Mbps	0 bps	145	0	0	8,443	0	0	0
cv_tcp-1.3-1.sta01008--1.0.0-A	0 bps	8.55 Mbps	0	243	6,436	6,436	78	0	0
cv_tcp-1.3-1.sta01008--1.0.0-B	5.615 Mbps	0 bps	160	0	0	6,436	0	0	0

Throughput Test: Snapshot 2.4Ghz Download 512

Port	Tx-Bps 1m	Rx-Bps 1m	Tx-Fail %	Tx Link-Rate	Rx Link-Rate	Mode	Channel	Last CX-Time (ms)	RSSI (dBm)	AP	IP	MAC
1.1.12 wlan0	343.624 Kbps	15.555 Mbps	0.679	130 Mbps	346.7 Mbps	802.11bgn-AC 20 4x4	2,442	51	-40	F0:2F:74:57:DB:B0	192.168.50.151	04:f0:21:66:90:c9
1.1.14 sta01000	317.725 Kbps	8.064 Mbps	1.766	173.3 Mbps	346.7 Mbps	802.11bgn-AC 20 4x4	2,442	57	-39	F0:2F:74:57:DB:B0	192.168.50.27	04:f0:21:66:a7:c9
1.1.15 sta01001	239.312 Kbps	6.657 Mbps	1.32	195 Mbps	1 Mbps	802.11bgn-AC 20 4x4	2,442	59	-39	F0:2F:74:57:DB:B0	192.168.50.104	04:f0:21:66:8f:c9
1.1.16 sta01002	322.001 Kbps	8.488 Mbps	1.864	173.3 Mbps	1 Mbps	802.11bgn-AC 20 4x4	2,442	67	-38	F0:2F:74:57:DB:B0	192.168.50.74	04:f0:21:66:a8:c9
1.1.17 sta01003	327.001 Kbps	8.647 Mbps	1.627	234 Mbps	1 Mbps	802.11bgn-AC 20 4x4	2,442	52	-38	F0:2F:74:57:DB:B0	192.168.50.86	04:f0:21:66:9e:c9
1.1.18 sta01004	317.936 Kbps	8.193 Mbps	1.047	208 Mbps	1 Mbps	802.11bgn-AC 20 4x4	2,442	46	-38	F0:2F:74:57:DB:B0	192.168.50.121	04:f0:21:66:a9:c9
1.1.19 sta01005	328.378 Kbps	8.569 Mbps	2.083	175.5 Mbps	1 Mbps	802.11bgn-AC 20 4x4	2,442	65	-37	F0:2F:74:57:DB:B0	192.168.50.80	04:f0:21:66:a3:c9
1.1.23 sta01006	331.678 Kbps	8.229 Mbps	0.975	208 Mbps	1 Mbps	802.11bgn-AC 20 4x4	2,442	61	-38	F0:2F:74:57:DB:B0	192.168.50.204	04:f0:21:66:8c:c9
1.1.24 sta01007	321.274 Kbps	8.053 Mbps	1.038	208 Mbps	1 Mbps	802.11bgn-AC 20 4x4	2,442	53	-38	F0:2F:74:57:DB:B0	192.168.50.244	04:f0:21:66:bb:c9
1.1.25 sta01008	308.455 Kbps	7.693 Mbps	1.26	156 Mbps	1 Mbps	802.11bgn-AC 20 4x4	2,442	57	-38	F0:2F:74:57:DB:B0	192.168.50.98	04:f0:21:66:94:c9

Port	Tx-Bps 1m	Rx-Bps 1m	Link-Rate	IP	MAC
1.1.3 eth3	96.681 Mbps	2.079 Mbps	1 Gbps	192.168.50.42	9c:c69:b4:63:16:af

Endpoint	Tx-Bps 1m	Rx-Bps 1m	TxPkts	RxPkts	RX Latency (ms)	Round-Trip Latency (ms)	Jitter	Rx Packet Loss %	Rx OOO %
cv_tcp-1.3-1.wlan0--1.0.0-A	0 bps	16.832 Mbps	0	467	3,446	3,446	55	0	0
cv_tcp-1.3-1.wlan0--1.0.0-B	12.819 Mbps	0 bps	355	0	0	3,446	0	0	0
cv_tcp-1.3-1.sta01000--1.0.0-A	0 bps	15.056 Mbps	0	415	7,255	7,255	48	0	0
cv_tcp-1.3-1.sta01000--1.0.0-B	10.87 Mbps	0 bps	300	0	0	7,255	0	0	0
cv_tcp-1.3-1.sta01001--1.0.0-A	0 bps	12.672 Mbps	0	350	9,507	9,507	59	0	0
cv_tcp-1.3-1.sta01001--1.0.0-B	10.145 Mbps	0 bps	280	0	0	9,507	0	0	0
cv_tcp-1.3-1.sta01002--1.0.0-A	0 bps	18.976 Mbps	0	523	6,869	6,869	49	0	0
cv_tcp-1.3-1.sta01002--1.0.0-B	13.949 Mbps	0 bps	385	0	0	6,869	0	0	0
cv_tcp-1.3-1.sta01003--1.0.0-A	0 bps	17.601 Mbps	0	486	7,087	7,087	50	0	0
cv_tcp-1.3-1.sta01003--1.0.0-B	13.405 Mbps	0 bps	370	0	0	7,087	0	0	0
cv_tcp-1.3-1.sta01004--1.0.0-A	0 bps	18.529 Mbps	0	511	5,653	5,653	51	0	0
cv_tcp-1.3-1.sta01004--1.0.0-B	13.405 Mbps	0 bps	370	0	0	5,653	0	0	0
cv_tcp-1.3-1.sta01005--1.0.0-A	0 bps	20.438 Mbps	0	564	8,519	8,519	48	0	0
cv_tcp-1.3-1.sta01005--1.0.0-B	15.578 Mbps	0 bps	430	0	0	8,519	0	0	0
cv_tcp-1.3-1.sta01006--1.0.0-A	0 bps	13.625 Mbps	0	376	6,225	6,225	82	0	0
cv_tcp-1.3-1.sta01006--1.0.0-B	11.05 Mbps	0 bps	305	0	0	6,225	0	0	0
cv_tcp-1.3-1.sta01007--1.0.0-A	0 bps	17.361 Mbps	0	479	6,627	6,627	50	0	0
cv_tcp-1.3-1.sta01007--1.0.0-B	13.585 Mbps	0 bps	375	0	0	6,627	0	0	0
cv_tcp-1.3-1.sta01008--1.0.0-A	0 bps	15.218 Mbps	0	420	9,916	9,916	47	0	0
cv_tcp-1.3-1.sta01008--1.0.0-B	12.136 Mbps	0 bps	335	0	0	9,916	0	0	0

Throughput Test: Snapshot 2.4Ghz Download MTU

Port	Tx-Bps 1m	Rx-Bps 1m	Tx-Fail	Tx Link-Rate	Rx Link-Rate	Mode	Channel	Last CX-Time	RSSI (dBm)	AP	IP	MAC
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			%					(ms)				
1.1.12 wlan0	344.794 Kbps	17.683 Mbps	0.669	117 Mbps	346.7 Mbps	802.11bgn- AC 20 4x4	2.442	51	-43	F0:2F:74:57:DB:B0	192.168.50.151	04:f0:21:66:90:c9
1.1.14 sta01000	334.856 Kbps	10.856 Mbps	1.76	86.7 Mbps	346.7 Mbps	802.11bgn- AC 20 4x4	2.442	57	-35	F0:2F:74:57:DB:B0	192.168.50.27	04:f0:21:66:a7:c9
1.1.15 sta01001	260.887 Kbps	9.646 Mbps	1.427	117 Mbps	346.7 Mbps	802.11bgn- AC 20 4x4	2.442	59	-34	F0:2F:74:57:DB:B0	192.168.50.104	04:f0:21:66:8f:c9
1.1.16 sta01002	334.016 Kbps	10.356 Mbps	2.225	156 Mbps	346.7 Mbps	802.11bgn- AC 20 4x4	2.442	67	-33	F0:2F:74:57:DB:B0	192.168.50.74	04:f0:21:66:a8:c9
1.1.17 sta01003	294.845 Kbps	11.135 Mbps	1.986	117 Mbps	346.7 Mbps	802.11bgn- AC 20 4x4	2.442	52	-34	F0:2F:74:57:DB:B0	192.168.50.86	04:f0:21:66:9e:c9
1.1.18 sta01004	298.874 Kbps	8.437 Mbps	1.012	104 Mbps	346.7 Mbps	802.11bgn- AC 20 4x4	2.442	46	-34	F0:2F:74:57:DB:B0	192.168.50.121	04:f0:21:66:a9:c9
1.1.19 sta01005	329.614 Kbps	11.452 Mbps	1.678	156 Mbps	346.7 Mbps	802.11bgn- AC 20 4x4	2.442	65	-34	F0:2F:74:57:DB:B0	192.168.50.80	04:f0:21:66:a3:c9
1.1.23 sta01006	338.625 Kbps	11.027 Mbps	1.84	156 Mbps	346.7 Mbps	802.11bgn- AC 20 4x4	2.442	61	-34	F0:2F:74:57:DB:B0	192.168.50.204	04:f0:21:66:8c:c9
1.1.24 sta01007	348.791 Kbps	10.854 Mbps	0.928	115.6 Mbps	1 Mbps	802.11bgn- AC 20 4x4	2.442	53	-34	F0:2F:74:57:DB:B0	192.168.50.244	04:f0:21:66:bb:c9
1.1.25 sta01008	244.977 Kbps	6.593 Mbps	1.252	156 Mbps	1 Mbps	802.11bgn- AC 20 4x4	2.442	57	-32	F0:2F:74:57:DB:B0	192.168.50.98	04:f0:21:66:94:c9

Port	Tx-Bps 1m	Rx-Bps 1m	Link-Rate	IP	MAC
1.1.3 eth3	114.798 Mbps	2.158 Mbps	1 Gbps	192.168.50.42	9c:c6:9b:b4:63:16:af

Endpoint	Tx-Bps 1m	Rx-Bps 1m	TxPkts	RxPkts	RX Latency (ms)	Round-Trip Latency (ms)	Jitter	Rx Packet Loss %	Rx OOO %
cv_tcp-1.3-1.wlan0--1.0.0-A	0 bps	29.033 Mbps	0	797	8.030	8,030	19	0	0
cv_tcp-1.3-1.wlan0--1.0.0-B	20.584 Mbps	0 bps	565	0	0	8,030	0	0	0
cv_tcp-1.3-1.sta01000--1.0.0-A	0 bps	24.849 Mbps	0	680	7.627	7,627	32	0	0
cv_tcp-1.3-1.sta01000--1.0.0-B	17.913 Mbps	0 bps	490	0	0	7,627	0	0	0
cv_tcp-1.3-1.sta01001--1.0.0-A	0 bps	23.484 Mbps	0	643	7.161	7,161	36	0	0
cv_tcp-1.3-1.sta01001--1.0.0-B	17.912 Mbps	0 bps	490	0	0	7,161	0	0	0
cv_tcp-1.3-1.sta01002--1.0.0-A	0 bps	20.518 Mbps	0	561	3.743	3,743	46	0	0
cv_tcp-1.3-1.sta01002--1.0.0-B	15.536 Mbps	0 bps	425	0	0	3,743	0	0	0
cv_tcp-1.3-1.sta01003--1.0.0-A	0 bps	24.809 Mbps	0	678	5.477	5,477	32	0	0
cv_tcp-1.3-1.sta01003--1.0.0-B	18.826 Mbps	0 bps	515	0	0	5,477	0	0	0
cv_tcp-1.3-1.sta01004--1.0.0-A	0 bps	10.608 Mbps	0	290	4.183	4,183	74	0	0
cv_tcp-1.3-1.sta01004--1.0.0-B	7.859 Mbps	0 bps	215	0	0	4,183	0	0	0
cv_tcp-1.3-1.sta01005--1.0.0-A	0 bps	25.726 Mbps	0	703	5.452	5,452	35	0	0
cv_tcp-1.3-1.sta01005--1.0.0-B	19.008 Mbps	0 bps	520	0	0	5,452	0	0	0
cv_tcp-1.3-1.sta01006--1.0.0-A	0 bps	25.314 Mbps	0	693	7.180	7,180	29	0	0
cv_tcp-1.3-1.sta01006--1.0.0-B	18.459 Mbps	0 bps	505	0	0	7,180	0	0	0
cv_tcp-1.3-1.sta01007--1.0.0-A	0 bps	26.541 Mbps	0	727	3.772	3,772	37	0	0
cv_tcp-1.3-1.sta01007--1.0.0-B	19.555 Mbps	0 bps	535	0	0	3,772	0	0	0
cv_tcp-1.3-1.sta01008--1.0.0-A	0 bps	3.655 Mbps	0	100	1.596	1,596	160	0	0
cv_tcp-1.3-1.sta01008--1.0.0-B	3.107 Mbps	0 bps	85	0	0	1,596	0	0	0

Throughput Test: Snapshot 2.4Ghz Download 142

Port	Tx-Bps 1m	Rx-Bps 1m	Tx-Fail %	Tx Link-Rate	Rx Link-Rate	Mode	Channel	Last CX-Time (ms)	RSSI (dBm)	AP	IP	MAC
1.1.12 wlan0	244.02 Kbps	9.431 Mbps	0.648	195 Mbps	1 Mbps	802.11bgn- AC 20 4x4	2.442	51	-32	F0:2F:74:57:DB:B0	192.168.50.151	04:f0:21:66:90:c9
1.1.14 sta01000	228.034 Kbps	7.414 Mbps	1.614	156 Mbps	346.7 Mbps	802.11bgn- AC 20 4x4	2.442	57	-40	F0:2F:74:57:DB:B0	192.168.50.27	04:f0:21:66:a7:c9
1.1.15 sta01001	203.46 Kbps	6.776 Mbps	1.328	173.3 Mbps	346.7 Mbps	802.11bgn- AC 20 4x4	2.442	59	-40	F0:2F:74:57:DB:B0	192.168.50.104	04:f0:21:66:8f:c9
1.1.16 sta01002	260.59 Kbps	7.096 Mbps	1.843	231.1 Mbps	346.7 Mbps	802.11bgn- AC 20 4x4	2.442	67	-43	F0:2F:74:57:DB:B0	192.168.50.74	04:f0:21:66:a8:c9
1.1.17 sta01003	216.63 Kbps	7.752 Mbps	1.661	195 Mbps	346.7 Mbps	802.11bgn- AC 20 4x4	2.442	52	-42	F0:2F:74:57:DB:B0	192.168.50.86	04:f0:21:66:9e:c9
1.1.18 sta01004	222.383 Kbps	5.386 Mbps	0.93	231.1 Mbps	346.7 Mbps	802.11bgn- AC 20 4x4	2.442	46	-42	F0:2F:74:57:DB:B0	192.168.50.121	04:f0:21:66:a9:c9
1.1.19 sta01005	210.943 Kbps	8.156 Mbps	1.645	173.3 Mbps	1 Mbps	802.11bgn- AC 20 4x4	2.442	65	-38	F0:2F:74:57:DB:B0	192.168.50.80	04:f0:21:66:a3:c9
1.1.23 sta01006	242.174 Kbps	7.632 Mbps	1.679	173.3 Mbps	346.7 Mbps	802.11bgn- AC 20 4x4	2.442	61	-42	F0:2F:74:57:DB:B0	192.168.50.204	04:f0:21:66:8c:c9
1.1.24 sta01007	262.463 Kbps	8.06 Mbps	0.948	234 Mbps	1 Mbps	802.11bgn- AC 20 4x4	2.442	53	-38	F0:2F:74:57:DB:B0	192.168.50.244	04:f0:21:66:bb:c9
1.1.25 sta01008	162.518 Kbps	3.275 Mbps	1.141	156 Mbps	1 Mbps	802.11bgn- AC 20 4x4	2.442	57	-39	F0:2F:74:57:DB:B0	192.168.50.98	04:f0:21:66:94:c9
1.1.35						802.11bgn-						

Port	Tx-Bps 1m	Rx-Bps 1m	Link-Rate	IP	MAC
1.1.3 eth3	101.06 Mbps	3.254 Mbps	1 Gbps	192.168.50.42	9c:69:b4:63:16:af

cv_tcp-1.3-1.sta01008--1.0.0-B	1.019 Mbps	0 bps	30	0	0	10,320	0	0	0
cv_tcp-1.3-1.sta01500--1.0.0-A	0 bps	1.718 Mbps	0	51	8,456	8,456	337	46.316	0
cv_tcp-1.3-1.sta01500--1.0.0-B	3.239 Mbps	0 bps	95	0	0	8,456	0	0	0
cv_tcp-1.3-1.sta01501--1.0.0-A	0 bps	1.929 Mbps	0	57	10,202	10,202	266	0	0
cv_tcp-1.3-1.sta01501--1.0.0-B	1.53 Mbps	0 bps	45	0	0	10,202	0	0	0
cv_tcp-1.3-1.sta01502--1.0.0-A	0 bps	1.48 Mbps	0	44	9,477	9,477	359	2.222	0
cv_tcp-1.3-1.sta01502--1.0.0-B	1.532 Mbps	0 bps	45	0	0	9,477	0	0	0
cv_tcp-1.3-1.sta01503--1.0.0-A	0 bps	1.566 Mbps	0	46	10,628	10,628	295	0	0
cv_tcp-1.3-1.sta01503--1.0.0-B	1.19 Mbps	0 bps	35	0	0	10,628	0	0	0
cv_tcp-1.3-1.sta01504--1.0.0-A	0 bps	1.967 Mbps	0	58	10,318	10,318	242	0	0
cv_tcp-1.3-1.sta01504--1.0.0-B	1.7 Mbps	0 bps	50	0	0	10,318	0	0	0
cv_tcp-1.3-1.sta01505--1.0.0-A	0 bps	1.923 Mbps	0	57	9,668	9,668	258	0	0
cv_tcp-1.3-1.sta01505--1.0.0-B	1.524 Mbps	0 bps	45	0	0	9,668	0	0	0
cv_tcp-1.3-1.sta01506--1.0.0-A	0 bps	2.048 Mbps	0	60	7,722	7,722	313	45.455	0
cv_tcp-1.3-1.sta01506--1.0.0-B	3.726 Mbps	0 bps	110	0	0	7,722	0	0	0
cv_tcp-1.3-1.sta01507--1.0.0-A	0 bps	2 Mbps	0	63	10,722	10,722	230	0	0
cv_tcp-1.3-1.sta01507--1.0.0-B	1.585 Mbps	0 bps	50	0	0	10,722	0	0	0
cv_tcp-1.3-1.sta01508--1.0.0-A	0 bps	348.878 Kbps	0	11	10,492	10,492	714	71.053	0
cv_tcp-1.3-1.sta01508--1.0.0-B	1.182 Mbps	0 bps	38	0	0	10,492	0	0	0
cv_tcp-1.3-1.sta01509--1.0.0-A	0 bps	335.966 Kbps	0	10	10,477	10,477	592	70.588	0
cv_tcp-1.3-1.sta01509--1.0.0-B	1.066 Mbps	0 bps	34	0	0	10,477	0	0	0
cv_tcp-1.3-1.sta01510--1.0.0-A	0 bps	2.672 Mbps	0	84	10,051	10,051	170	0	0
cv_tcp-1.3-1.sta01510--1.0.0-B	1.902 Mbps	0 bps	60	0	0	10,051	0	0	0
cv_tcp-1.3-1.sta01511--1.0.0-A	0 bps	2.683 Mbps	0	85	10,677	10,677	145	0	0
cv_tcp-1.3-1.sta01511--1.0.0-B	1.902 Mbps	0 bps	60	0	0	10,677	0	0	0
cv_tcp-1.3-1.sta01512--1.0.0-A	0 bps	3.246 Mbps	0	103	8,483	8,483	196	0	0
cv_tcp-1.3-1.sta01512--1.0.0-B	2.854 Mbps	0 bps	90	0	0	8,483	0	0	0
cv_tcp-1.3-1.sta01513--1.0.0-A	0 bps	2.36 Mbps	0	74	9,675	9,675	220	32.727	0
cv_tcp-1.3-1.sta01513--1.0.0-B	3.488 Mbps	0 bps	110	0	0	9,675	0	0	0
cv_tcp-1.3-1.sta01514--1.0.0-A	0 bps	2.799 Mbps	0	88	9,748	9,748	123	23.478	0
cv_tcp-1.3-1.sta01514--1.0.0-B	3.646 Mbps	0 bps	115	0	0	9,748	0	0	0
cv_tcp-1.3-1.sta01515--1.0.0-A	0 bps	2.074 Mbps	0	66	8,896	8,896	275	47.200	0
cv_tcp-1.3-1.sta01515--1.0.0-B	3.963 Mbps	0 bps	125	0	0	8,896	0	0	0
cv_tcp-1.3-1.sta01516--1.0.0-A	0 bps	2.015 Mbps	0	64	9,914	9,914	266	39.048	0
cv_tcp-1.3-1.sta01516--1.0.0-B	3.329 Mbps	0 bps	105	0	0	9,914	0	0	0
cv_tcp-1.3-1.sta01517--1.0.0-A	0 bps	2.451 Mbps	0	78	8,270	8,270	248	57.838	0
cv_tcp-1.3-1.sta01517--1.0.0-B	5.866 Mbps	0 bps	185	0	0	8,270	0	0	0
cv_tcp-1.3-1.sta01518--1.0.0-A	0 bps	2.056 Mbps	0	65	8,398	8,398	280	60.606	0
cv_tcp-1.3-1.sta01518--1.0.0-B	5.231 Mbps	0 bps	165	0	0	8,398	0	0	0
cv_tcp-1.3-1.sta01519--1.0.0-A	0 bps	2.294 Mbps	0	73	8,171	8,171	239	61.579	0
cv_tcp-1.3-1.sta01519--1.0.0-B	6.023 Mbps	0 bps	190	0	0	8,171	0	0	0
cv_tcp-1.3-1.sta01520--1.0.0-A	0 bps	2.238 Mbps	0	70	9,009	9,009	231	57.576	0
cv_tcp-1.3-1.sta01520--1.0.0-B	5.231 Mbps	0 bps	165	0	0	9,009	0	0	0
cv_tcp-1.3-1.sta01521--1.0.0-A	0 bps	1.66 Mbps	0	53	8,479	8,479	333	60.741	0
cv_tcp-1.3-1.sta01521--1.0.0-B	4.28 Mbps	0 bps	135	0	0	8,479	0	0	0

Throughput Test: Snapshot 2.4Ghz Download 512

Port	Tx-Bps 1m	Rx-Bps 1m	Tx-Fail %	Tx Link-Rate	Rx Link-Rate	Mode	Channel	Last CX-Time (ms)	RSSI (dBm)	AP	IP	MAC
1.1.12						802.11bgn				F0:2F:74:57:DB:B0		04:f0:21:66:90:c9

Port	Tx-Bps 1m	Rx-Bps 1m	Link-Rate	IP	MAC
1.1.3 eth3	80.791 Mbps	3.161 Mbps	1 Gbps	192.168.50.42	9c:69:b4:63:16:af

[illegible]

A	0 bps	7.858 Mbps	0	246	11,256	11,256	65	0	0
cv_tcp-1.3-1.sta01002--1.0.0-B	6.08 Mbps	0 bps	190	0	0	11,256	0	0	0
cv_tcp-1.3-1.sta01003--1.0.0-A	0 bps	4.602 Mbps	0	144	11,526	11,526	84	0	0
cv_tcp-1.3-1.sta01003--1.0.0-B	3.36 Mbps	0 bps	105	0	0	11,526	0	0	0
cv_tcp-1.3-1.sta01004--1.0.0-A	0 bps	5.379 Mbps	0	168	9,736	9,736	79	25.333	0
cv_tcp-1.3-1.sta01004--1.0.0-B	7.199 Mbps	0 bps	225	0	0	9,736	0	0	0
cv_tcp-1.3-1.sta01005--1.0.0-A	0 bps	3.513 Mbps	0	110	11,159	11,159	138	0	0
cv_tcp-1.3-1.sta01005--1.0.0-B	2.4 Mbps	0 bps	75	0	0	11,159	0	0	0
cv_tcp-1.3-1.sta01006--1.0.0-A	0 bps	6.543 Mbps	0	205	8,052	8,052	68	54.945	0
cv_tcp-1.3-1.sta01006--1.0.0-B	14.558 Mbps	0 bps	455	0	0	8,052	0	0	0
cv_tcp-1.3-1.sta01007--1.0.0-A	0 bps	4.409 Mbps	0	138	8,435	8,435	137	50.714	0
cv_tcp-1.3-1.sta01007--1.0.0-B	8.959 Mbps	0 bps	280	0	0	8,435	0	0	0
cv_tcp-1.3-1.sta01008--1.0.0-A	0 bps	5.217 Mbps	0	163	7,634	7,634	79	60.723	0
cv_tcp-1.3-1.sta01008--1.0.0-B	13.278 Mbps	0 bps	415	0	0	7,634	0	0	0
cv_tcp-1.3-1.sta01500--1.0.0-A	0 bps	4.764 Mbps	0	149	10,131	10,131	131	0	0
cv_tcp-1.3-1.sta01500--1.0.0-B	4.005 Mbps	0 bps	125	0	0	10,131	0	0	0
cv_tcp-1.3-1.sta01501--1.0.0-A	0 bps	5.154 Mbps	0	161	9,492	9,492	76	38.077	0
cv_tcp-1.3-1.sta01501--1.0.0-B	8.331 Mbps	0 bps	260	0	0	9,492	0	0	0
cv_tcp-1.3-1.sta01502--1.0.0-A	0 bps	5.205 Mbps	0	163	7,558	7,558	101	52.059	0
cv_tcp-1.3-1.sta01502--1.0.0-B	10.894 Mbps	0 bps	340	0	0	7,558	0	0	0
cv_tcp-1.3-1.sta01503--1.0.0-A	0 bps	4.867 Mbps	0	152	9,138	9,138	94	0	0
cv_tcp-1.3-1.sta01503--1.0.0-B	4.486 Mbps	0 bps	140	0	0	9,138	0	0	0
cv_tcp-1.3-1.sta01504--1.0.0-A	0 bps	8.1 Mbps	0	253	10,489	10,489	76	24.478	0
cv_tcp-1.3-1.sta01504--1.0.0-B	10.734 Mbps	0 bps	335	0	0	10,489	0	0	0
cv_tcp-1.3-1.sta01505--1.0.0-A	0 bps	8.529 Mbps	0	266	11,785	11,785	92	0	0
cv_tcp-1.3-1.sta01505--1.0.0-B	8.17 Mbps	0 bps	255	0	0	11,785	0	0	0
cv_tcp-1.3-1.sta01506--1.0.0-A	0 bps	6.136 Mbps	0	192	8,724	8,724	77	51.392	0
cv_tcp-1.3-1.sta01506--1.0.0-B	12.655 Mbps	0 bps	395	0	0	8,724	0	0	0
cv_tcp-1.3-1.sta01507--1.0.0-A	0 bps	5.727 Mbps	0	179	9,096	9,096	108	57.882	0
cv_tcp-1.3-1.sta01507--1.0.0-B	13.616 Mbps	0 bps	425	0	0	9,096	0	0	0
cv_tcp-1.3-1.sta01508--1.0.0-A	0 bps	215.035 Kbps	0	7	10,735	10,735	788	63.158	0
cv_tcp-1.3-1.sta01508--1.0.0-B	595.741 Kbps	0 bps	19	0	0	10,735	0	0	0
cv_tcp-1.3-1.sta01509--1.0.0-A	0 bps	223.847 Kbps	0	7	10,793	10,793	775	63.158	0
cv_tcp-1.3-1.sta01509--1.0.0-B	595.731 Kbps	0 bps	19	0	0	10,793	0	0	0
cv_tcp-1.3-1.sta01510--1.0.0-A	0 bps	6.028 Mbps	0	188	9,404	9,404	147	0	0
cv_tcp-1.3-1.sta01510--1.0.0-B	4.805 Mbps	0 bps	150	0	0	9,404	0	0	0
cv_tcp-1.3-1.sta01511--1.0.0-A	0 bps	6.309 Mbps	0	197	8,926	8,926	67	50.127	0
cv_tcp-1.3-1.sta01511--1.0.0-B	12.654 Mbps	0 bps	395	0	0	8,926	0	0	0
cv_tcp-1.3-1.sta01512--1.0.0-A	0 bps	6.917 Mbps	0	216	7,061	7,061	68	50.909	0
cv_tcp-1.3-1.sta01512--1.0.0-B	14.096 Mbps	0 bps	440	0	0	7,061	0	0	0
cv_tcp-1.3-1.sta01513--1.0.0-A	0 bps	5.694 Mbps	0	178	7,211	7,211	62	63.673	0
cv_tcp-1.3-1.sta01513--1.0.0-B	15.697 Mbps	0 bps	490	0	0	7,211	0	0	0
cv_tcp-1.3-1.sta01514--1.0.0-A	0 bps	5.694 Mbps	0	178	8,038	8,038	71	58.605	0
cv_tcp-1.3-1.sta01514--1.0.0-B	13.775 Mbps	0 bps	430	0	0	8,038	0	0	0
cv_tcp-1.3-1.sta01515--1.0.0-A	0 bps	5.212 Mbps	0	163	7,355	7,355	101	57.105	0
cv_tcp-1.3-1.sta01515--1.0.0-B	12.173 Mbps	0 bps	380	0	0	7,355	0	0	0
cv_tcp-1.3-1.sta01516--1.0.0-A	0 bps	5.112 Mbps	0	160	7,220	7,220	91	50.769	0
cv_tcp-1.3-1.sta01516--1.0.0-B	10.411 Mbps	0 bps	325	0	0	7,220	0	0	0
cv_tcp-1.3-1.sta01517--1.0.0-A	0 bps	5.069 Mbps	0	158	7,612	7,612	72	61.463	0
cv_tcp-1.3-1.sta01517--1.0.0-B	13.134 Mbps	0 bps	410	0	0	7,612	0	0	0
cv_tcp-1.3-1.sta01518--1.0.0-A	0 bps	5.756 Mbps	0	180	7,056	7,056	79	59.551	0

cv_tcp-1.3-1.sta01518--1.0.0-B	14.255 Mbps	0 bps	445	0	0	7,056	0	0	0
cv_tcp-1.3-1.sta01519--1.0.0-A	0 bps	4.129 Mbps	0	129	6,709	6,709	163	57.705	0
cv_tcp-1.3-1.sta01519--1.0.0-B	9.77 Mbps	0 bps	305	0	0	6,709	0	0	0
cv_tcp-1.3-1.sta01520--1.0.0-A	0 bps	4.919 Mbps	0	153	6,626	6,626	81	58.082	0
cv_tcp-1.3-1.sta01520--1.0.0-B	11.692 Mbps	0 bps	365	0	0	6,626	0	0	0
cv_tcp-1.3-1.sta01521--1.0.0-A	0 bps	4.951 Mbps	0	154	7,095	7,095	86	63.765	0
cv_tcp-1.3-1.sta01521--1.0.0-B	13.613 Mbps	0 bps	425	0	0	7,095	0	0	0

Throughput Test: Snapshot 2.4Ghz Download MTU

Port	Tx-Bps 1m	Rx-Bps 1m	Tx-Fail %	Tx Link-Rate	Rx Link-Rate	Mode	Channel	Last CX-Time (ms)	RSSI (dBm)	AP	IP	MAC
1.1.12 wlan0	142.283 Kbps	4.896 Mbps	0.638	156 Mbps	1 Mbps	802.11bgn-AC 20 4x4	2.442	51	-33	F0:2F:74:57:DB:B0	192.168.50.151	04:f0:21:66:90:c9
1.1.14 sta01000	152.973 Kbps	4.904 Mbps	1.513	115.6 Mbps	1 Mbps	802.11bgn-AC 20 4x4	2.442	57	-38	F0:2F:74:57:DB:B0	192.168.50.27	04:f0:21:66:a7:c9
1.1.15 sta01001	155.035 Kbps	5.834 Mbps	1.152	156 Mbps	346.7 Mbps	802.11bgn-AC 20 4x4	2.442	59	-41	F0:2F:74:57:DB:B0	192.168.50.104	04:f0:21:66:8f:c9
1.1.16 sta01002	215.14 Kbps	6.19 Mbps	1.899	156 Mbps	1 Mbps	802.11bgn-AC 20 4x4	2.442	67	-35	F0:2F:74:57:DB:B0	192.168.50.74	04:f0:21:66:a8:c9
1.1.17 sta01003	223.229 Kbps	6.491 Mbps	1.605	156 Mbps	1 Mbps	802.11bgn-AC 20 4x4	2.442	52	-36	F0:2F:74:57:DB:B0	192.168.50.86	04:f0:21:66:9e:c9
1.1.18 sta01004	198.82 Kbps	5.562 Mbps	0.807	156 Mbps	1 Mbps	802.11bgn-AC 20 4x4	2.442	46	-36	F0:2F:74:57:DB:B0	192.168.50.121	04:f0:21:66:a9:c9
1.1.19 sta01005	157.356 Kbps	4.686 Mbps	1.514	208 Mbps	1 Mbps	802.11bgn-AC 20 4x4	2.442	65	-34	F0:2F:74:57:DB:B0	192.168.50.80	04:f0:21:66:a3:c9
1.1.23 sta01006	134.237 Kbps	3.854 Mbps	1.553	156 Mbps	1 Mbps	802.11bgn-AC 20 4x4	2.442	61	-37	F0:2F:74:57:DB:B0	192.168.50.204	04:f0:21:66:8c:c9
1.1.24 sta01007	115.027 Kbps	2.771 Mbps	0.987	208 Mbps	1 Mbps	802.11bgn-AC 20 4x4	2.442	53	-33	F0:2F:74:57:DB:B0	192.168.50.244	04:f0:21:66:bb:c9
1.1.25 sta01008	128.414 Kbps	3.033 Mbps	1.269	156 Mbps	1 Mbps	802.11bgn-AC 20 4x4	2.442	57	-33	F0:2F:74:57:DB:B0	192.168.50.98	04:f0:21:66:94:c9
1.1.35 sta01500	93.3 Kbps	2.431 Mbps	1.344	208 Mbps	1 Mbps	802.11bgn-AC 20 4x4	2.442	66	-31	F0:2F:74:57:DB:B0	192.168.50.144	04:f0:21:66:be:c9
1.1.36 sta01501	136.945 Kbps	3.737 Mbps	2.079	156 Mbps	346.7 Mbps	802.11bgn-AC 20 4x4	2.442	61	-32	F0:2F:74:57:DB:B0	192.168.50.22	04:f0:21:66:83:c9
1.1.37 sta01502	100.024 Kbps	2.514 Mbps	1.252	115.6 Mbps	1 Mbps	802.11bgn-AC 20 4x4	2.442	59	-31	F0:2F:74:57:DB:B0	192.168.50.63	04:f0:21:66:89:c9
1.1.38 sta01503	114.283 Kbps	2.799 Mbps	1.073	208 Mbps	1 Mbps	802.11bgn-AC 20 4x4	2.442	67	-31	F0:2F:74:57:DB:B0	192.168.50.203	04:f0:21:66:b5:c9
1.1.39 sta01504	101.923 Kbps	2.562 Mbps	1.374	208 Mbps	1 Mbps	802.11bgn-AC 20 4x4	2.442	66	-31	F0:2F:74:57:DB:B0	192.168.50.133	04:f0:21:66:9f:c9
1.1.40 sta01505	129.376 Kbps	4.053 Mbps	1.688	208 Mbps	1 Mbps	802.11bgn-AC 20 4x4	2.442	55	-31	F0:2F:74:57:DB:B0	192.168.50.150	04:f0:21:66:b9:c9
1.1.41 sta01506	97.652 Kbps	2.33 Mbps	1.162	260 Mbps	1 Mbps	802.11bgn-AC 20 4x4	2.442	68	-31	F0:2F:74:57:DB:B0	192.168.50.127	04:f0:21:66:a4:c9
1.1.42 sta01507	130.731 Kbps	3.829 Mbps	1.924	115.6 Mbps	1 Mbps	802.11bgn-AC 20 4x4	2.442	47	-31	F0:2F:74:57:DB:B0	192.168.50.115	04:f0:21:66:ae:c9
1.1.43 sta01508	13.519 Kbps	270.983 Kbps	1.194	24 Mbps	1 Mbps	802.11bgn-AC 20 4x4	2.442	46	-31	F0:2F:74:57:DB:B0	192.168.50.163	04:f0:21:66:86:c9
1.1.44 sta01509	13.291 Kbps	261.002 Kbps	1.726	24 Mbps	1 Mbps	802.11bgn-AC 20 4x4	2.442	54	-31	F0:2F:74:57:DB:B0	192.168.50.39	04:f0:21:66:9d:c9
1.1.45 sta01510	119.3 Kbps	3.675 Mbps	2.013	156 Mbps	1 Mbps	802.11bgn-AC 20 4x4	2.442	64	-31	F0:2F:74:57:DB:B0	192.168.50.216	04:f0:21:66:82:c9
1.1.46 sta01511	136.919 Kbps	3.609 Mbps	0.766	173.3 Mbps	1 Mbps	802.11bgn-AC 20 4x4	2.442	60	-31	F0:2F:74:57:DB:B0	192.168.50.239	04:f0:21:66:97:c9
1.1.47 sta01512	105.213 Kbps	2.798 Mbps	1.933	175.5 Mbps	1 Mbps	802.11bgn-AC 20 4x4	2.442	61	-32	F0:2F:74:57:DB:B0	192.168.50.97	04:f0:21:66:bd:c9
1.1.48 sta01513	105.047 Kbps	2.998 Mbps	2.352	144.4 Mbps	1 Mbps	802.11bgn-AC 20 4x4	2.442	51	-32	F0:2F:74:57:DB:B0	192.168.50.51	04:f0:21:66:93:c9
1.1.49 sta01514	95.384 Kbps	2.948 Mbps	1.867	234 Mbps	1 Mbps	802.11bgn-AC 20 4x4	2.442	59	-32	F0:2F:74:57:DB:B0	192.168.50.69	04:f0:21:66:84:c9
1.1.50 sta01515	92.318 Kbps	2.534 Mbps	1.751	156 Mbps	1 Mbps	802.11bgn-AC 20 4x4	2.442	60	-32	F0:2F:74:57:DB:B0	192.168.50.191	04:f0:21:66:bf:c9
1.1.51 sta01516	100.172 Kbps	2.24 Mbps	5.008	156 Mbps	1 Mbps	802.11bgn-AC 20 4x4	2.442	54	-32	F0:2F:74:57:DB:B0	192.168.50.109	04:f0:21:66:b3:c9
1.1.52 sta01517	106.64 Kbps	2.821 Mbps	1.366	144.4 Mbps	1 Mbps	802.11bgn-AC 20 4x4	2.442	60	-32	F0:2F:74:57:DB:B0	192.168.50.57	04:f0:21:66:8e:c9
1.1.53 sta01518	99.062 Kbps	2.839 Mbps	1.099	173.3 Mbps	1 Mbps	802.11bgn-AC 20 4x4	2.442	52	-32	F0:2F:74:57:DB:B0	192.168.50.198	04:f0:21:66:91:c9
1.1.54 sta01519	98.463 Kbps	2.313 Mbps	1.117	173.3 Mbps	1 Mbps	802.11bgn-AC 20 4x4	2.442	56	-32	F0:2F:74:57:DB:B0	192.168.50.10	04:f0:21:66:8d:c9
1.1.55	99.657 Kbps	2.255 Mbps	1.959	156 Mbps	346.7 Mbps	802.11bgn-	2.442	60	-32		192.168.50.16	

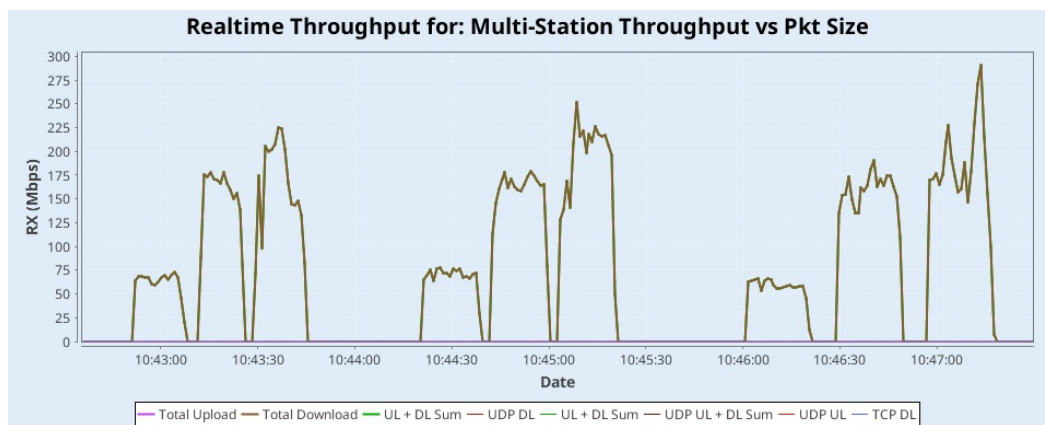
sta01520						AC 20 4x4				F0:2F:74:57:DB:B0		04:f0:21:66:88:c9
1.1.56 sta01521	90.844 Kbps	1.675 Mbps	1.28	173.3 Mbps	1 Mbps	802.11bgn- AC 20 4x4	2,442	85	-32	F0:2F:74:57:DB:B0	192.168.50.197	04:f0:21:66:ba:c9

Port	Tx-Bps 1m	Rx-Bps 1m	Link-Rate	IP	MAC
1.1.3 eth3	107.713 Mbps	2.77 Mbps	1 Gbps	192.168.50.42	9c:69:b4:63:16:af

Endpoint	Tx-Bps 1m	Rx-Bps 1m	TxPkts	RxPkts	RX Latency (ms)	Round-Trip Latency (ms)	Jitter	Rx Packet Loss %	Rx OOO %
cv_tcp-1.3-1.wlan0--1.0.0-A	0 bps	5.523 Mbps	0	162	9.796	9.796	168	0	0
cv_tcp-1.3-1.wlan0--1.0.0-B	4.602 Mbps	0 bps	135	0	0	9.796	0	0	0
cv_tcp-1.3-1.sta01000--1.0.0-A	0 bps	9.359 Mbps	0	274	8.695	8,695	111	49.259	0
cv_tcp-1.3-1.sta01000--1.0.0-B	18.437 Mbps	0 bps	540	0	0	8,695	0	0	0
cv_tcp-1.3-1.sta01001--1.0.0-A	0 bps	5.684 Mbps	0	166	12.309	12,309	114	0	0
cv_tcp-1.3-1.sta01001--1.0.0-B	4.78 Mbps	0 bps	140	0	0	12,309	0	0	0
cv_tcp-1.3-1.sta01002--1.0.0-A	0 bps	10.586 Mbps	0	310	11,158	11,158	8	42.056	0
cv_tcp-1.3-1.sta01002--1.0.0-B	18.265 Mbps	0 bps	535	0	0	11,158	0	0	0
cv_tcp-1.3-1.sta01003--1.0.0-A	0 bps	11.473 Mbps	0	336	11,637	11,637	52	0	0
cv_tcp-1.3-1.sta01003--1.0.0-B	7.511 Mbps	0 bps	220	0	0	11,637	0	0	0
cv_tcp-1.3-1.sta01004--1.0.0-A	0 bps	11.612 Mbps	0	340	9.847	9,847	31	47.287	0
cv_tcp-1.3-1.sta01004--1.0.0-B	22.02 Mbps	0 bps	645	0	0	9,847	0	0	0
cv_tcp-1.3-1.sta01005--1.0.0-A	0 bps	9.528 Mbps	0	279	10,518	10,518	33	49.730	0
cv_tcp-1.3-1.sta01005--1.0.0-B	18.947 Mbps	0 bps	555	0	0	10,518	0	0	0
cv_tcp-1.3-1.sta01006--1.0.0-A	0 bps	5.378 Mbps	0	158	8.428	8,428	248	60.000	0
cv_tcp-1.3-1.sta01006--1.0.0-B	13.485 Mbps	0 bps	395	0	0	8,428	0	0	0
cv_tcp-1.3-1.sta01007--1.0.0-A	0 bps	3.315 Mbps	0	98	4.115	4,115	263	69.846	0
cv_tcp-1.3-1.sta01007--1.0.0-B	11.095 Mbps	0 bps	325	0	0	4,115	0	0	0
cv_tcp-1.3-1.sta01008--1.0.0-A	0 bps	4.322 Mbps	0	127	5.735	5,735	40	67.848	0
cv_tcp-1.3-1.sta01008--1.0.0-B	13.484 Mbps	0 bps	395	0	0	5,735	0	0	0
cv_tcp-1.3-1.sta01500--1.0.0-A	0 bps	5.506 Mbps	0	161	7.537	7,537	35	52.647	0
cv_tcp-1.3-1.sta01500--1.0.0-B	11.625 Mbps	0 bps	340	0	0	7,537	0	0	0
cv_tcp-1.3-1.sta01501--1.0.0-A	0 bps	11.91 Mbps	0	373	9.837	9,837	63	29.623	0
cv_tcp-1.3-1.sta01501--1.0.0-B	16.95 Mbps	0 bps	530	0	0	9,837	0	0	0
cv_tcp-1.3-1.sta01502--1.0.0-A	0 bps	6.702 Mbps	0	209	7.558	7,558	60	54.565	0
cv_tcp-1.3-1.sta01502--1.0.0-B	14.711 Mbps	0 bps	460	0	0	7,558	0	0	0
cv_tcp-1.3-1.sta01503--1.0.0-A	0 bps	7.772 Mbps	0	243	8.837	8,837	29	44.773	0
cv_tcp-1.3-1.sta01503--1.0.0-B	14.071 Mbps	0 bps	440	0	0	8,837	0	0	0
cv_tcp-1.3-1.sta01504--1.0.0-A	0 bps	1.633 Mbps	0	51	5.052	5,052	434	61.069	0
cv_tcp-1.3-1.sta01504--1.0.0-B	4.166 Mbps	0 bps	131	0	0	5,052	0	0	0
cv_tcp-1.3-1.sta01505--1.0.0-A	0 bps	10.14 Mbps	0	317	8.218	8,218	63	41.835	0
cv_tcp-1.3-1.sta01505--1.0.0-B	17.428 Mbps	0 bps	545	0	0	8,218	0	0	0
cv_tcp-1.3-1.sta01506--1.0.0-A	0 bps	3.615 Mbps	0	113	7.647	7,647	100	48.636	0
cv_tcp-1.3-1.sta01506--1.0.0-B	7.035 Mbps	0 bps	220	0	0	7,647	0	0	0
cv_tcp-1.3-1.sta01507--1.0.0-A	0 bps	11.55 Mbps	0	361	9.103	9,103	68	51.544	0
cv_tcp-1.3-1.sta01507--1.0.0-B	23.822 Mbps	0 bps	745	0	0	9,103	0	0	0
cv_tcp-1.3-1.sta01508--1.0.0-A	0 bps	122.226 Kbps	0	4	8.940	8,940	931	63.636	0
cv_tcp-1.3-1.sta01508--1.0.0-B	350.41 Kbps	0 bps	11	0	0	8,940	0	0	0
cv_tcp-1.3-1.sta01509--1.0.0-A	0 bps	93.258 Kbps	0	3	9.934	9,934	826	62.500	0
cv_tcp-1.3-1.sta01509--1.0.0-B	243.443 Kbps	0 bps	8	0	0	9,934	0	0	0
cv_tcp-1.3-1.sta01510--1.0.0-A	0 bps	9.534 Mbps	0	300	7.581	7,581	47	34.066	0
cv_tcp-1.3-1.sta01510--1.0.0-B	14.548 Mbps	0 bps	455	0	0	7,581	0	0	0
cv_tcp-1.3-1.sta01511--1.0.0-A	0 bps	9.679 Mbps	0	303	6.218	6,218	106	59.868	0
cv_tcp-1.3-1.sta01511--1.0.0-B	24.14 Mbps	0 bps	755	0	0	6,218	0	0	0
cv_tcp-1.3-1.sta01512--1.0.0-A	0 bps	4.096 Mbps	0	129	6.201	6,201	94	41.629	0

cv_tcp-1.3-1.sta01512--1.0.0-B	7.064 Mbps	0 bps	221	0	0	6,201	0	0	0
cv_tcp-1.3-1.sta01513--1.0.0-A	0 bps	6.412 Mbps	0	200	5,499	5,499	31	59.596	0
cv_tcp-1.3-1.sta01513--1.0.0-B	15.826 Mbps	0 bps	495	0	0	5,499	0	0	0
cv_tcp-1.3-1.sta01514--1.0.0-A	0 bps	4.445 Mbps	0	139	3,391	3,391	53	65.679	0
cv_tcp-1.3-1.sta01514--1.0.0-B	12.948 Mbps	0 bps	405	0	0	3,391	0	0	0
cv_tcp-1.3-1.sta01515--1.0.0-A	0 bps	4.179 Mbps	0	131	3,404	3,404	142	61.584	0
cv_tcp-1.3-1.sta01515--1.0.0-B	10.886 Mbps	0 bps	341	0	0	3,404	0	0	0
cv_tcp-1.3-1.sta01516--1.0.0-A	0 bps	4.11 Mbps	0	129	5,833	5,833	124	46.473	0
cv_tcp-1.3-1.sta01516--1.0.0-B	7.68 Mbps	0 bps	241	0	0	5,833	0	0	0
cv_tcp-1.3-1.sta01517--1.0.0-A	0 bps	6.449 Mbps	0	202	6,145	6,145	65	36.875	0
cv_tcp-1.3-1.sta01517--1.0.0-B	10.231 Mbps	0 bps	320	0	0	6,145	0	0	0
cv_tcp-1.3-1.sta01518--1.0.0-A	0 bps	5.064 Mbps	0	158	3,133	3,133	37	74.098	0
cv_tcp-1.3-1.sta01518--1.0.0-B	19.501 Mbps	0 bps	610	0	0	3,133	0	0	0
cv_tcp-1.3-1.sta01519--1.0.0-A	0 bps	5.182 Mbps	0	162	6,718	6,718	86	33.878	0
cv_tcp-1.3-1.sta01519--1.0.0-B	7.832 Mbps	0 bps	245	0	0	6,718	0	0	0
cv_tcp-1.3-1.sta01520--1.0.0-A	0 bps	2.6 Mbps	0	82	5,331	5,331	232	69.630	0
cv_tcp-1.3-1.sta01520--1.0.0-B	8.632 Mbps	0 bps	270	0	0	5,331	0	0	0
cv_tcp-1.3-1.sta01521--1.0.0-A	0 bps	1.589 Mbps	0	49	5,537	5,537	132	48.421	0
cv_tcp-1.3-1.sta01521--1.0.0-B	3.028 Mbps	0 bps	95	0	0	5,537	0	0	0

Realtime Throughput for: Multi-Station Throughput vs Pkt Size



[Multi-Station Throughput vs Pkt Size Log](#) [Key Performance Indicators CSV](#)

Test configuration and LANforge software version	
Auto-Helper	true
Skip 2.4Ghz Tests	false
Skip 5Ghz Tests	true
Skip 5Gzh-B Tests	true
Skip Dual-Band Tests	true
Skip Tri-Band Tests	true
Use BSSID	true
Set Radio TxPower to Default	true
Loop Iterations:	1
2.4Ghz Station Count:	32
5Ghz Station Count:	32
Dual-Band Station Count:	10

5Ghz-B Station Count:	64
Tri-Band Station Count:	64
Duration-20	10
Hunt Retries:	1
Maximum Hunt Iterations:	20
Multi-Conn	1
ToS	0
Upstream Port	1.1.3 eth3 Firmware: 0x80000aef, 1.1876.0 Resource: ct523c-2101
Stability Duration:	1 m
Concurrent Ports to Reset:	0
Minimum Time between Resets:	10000
Maximum Time between Resets:	60000
Long-Term Station Count:	2
VOIP Call Count:	1
Percent:	1000000
Open:	25
PSK:	60
Enterprise:	120
Stability stall threshold UDP Upload:	0
Stability stall threshold UDP Download:	768000
Stability stall threshold TCP Upload:	0
Stability stall threshold TCP Download:	0
Stability stall threshold Video:	0
Stability stall threshold VOIP:	0
Stability Helper Script:	
Stability Multicast Min Download Rate:	0
Stability Multicast Max Download Rate:	0
Stability UDP Min Download Rate:	1000000000
Stability UDP Max Download Rate:	0
Stability UDP Min Upload Rate:	0
Stability UDP Max Upload Rate:	0
Stability TCP Min Download Rate:	0
Stability TCP Max Download Rate:	0
Stability TCP Min Upload Rate:	0
Stability TCP Max Upload Rate:	0

2.4Ghz Legacy%	0
2.4Ghz N%	0
2.4Ghz AC%	0
2.4Ghz AX/AUTO%	100
5Ghz Legacy%	0
5Ghz N%	0
5Ghz AC%	0
5Ghz AX/AUTO%	100
Long-Term Duration:	1 h
Long-Term Graph Interval:	30
Long-Term Download Rate:	85%
Video Emulation Rate:	500000
Video Buffer Size:	500000
Long-Term Upload Rate:	85%
Use Packet Sizes	false
Reset Radios	false
Use Packet Sizes	false
Always expect 5g	false
Spatial Streams	AUTO
Bandwidth	AUTO
Modes	Auto
WiFi Radio 0	1.1.4 wiphy0 Firmware: 10.4b-ct-9984-xtH-14-f853d52e7a Resource: ct523c-2101
WiFi Radio 0	Resource: ct523c-2101
Pass-Fail Tput Criteria	
Show Events	true
Build Date	Mon 26 Sep 2022 02:56:23 PM PDT
Build Version	5.4.5
Git Version	87350330889a86988c8816a52d097f1ebba1d625

[CSV Data](#)

[META Information for AP-Auto](#)