

Throughput Test

AP Automated Test Plan

Wed Aug 10 21:12:47 IST 2022



Test Setup Information	
Device Under Test	Ap-Auto-Test netgear5g Ap-Auto-Test netgear2g
Estimated Run Time	33.333 m
Actual Run Time	1.495 h

Summary Results

Test	Result	Candela Score	Elapsed	Info
Throughput vs Pkt Size	2.4Ghz PASS 5Ghz PASS	100	1.487 h	

Throughput vs Pkt Size

Summary

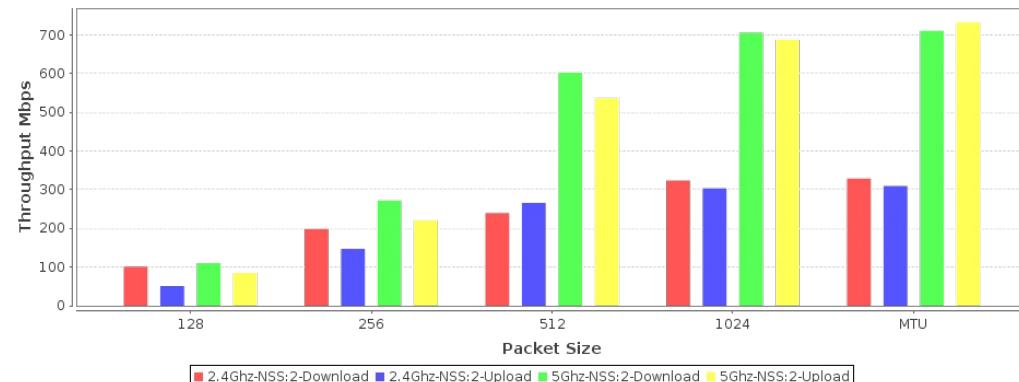
The Throughput vs Pkt Size test reports the Wi-Fi AP throughput for a single station at different frame sizes. This test will pick a starting point and then adjust rates up or down (hunt) until it finds the maximum rate that meets the packet loss criteria. This test is done with a single station. A hunt iteration is considered failed if the packet loss is above the configured value (1.00) 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 (15) 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](#)

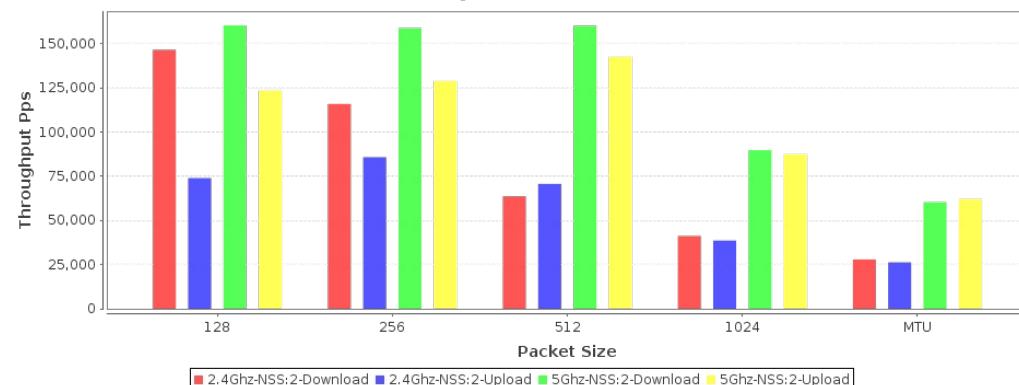
Total Throughput vs Packet Size



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

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

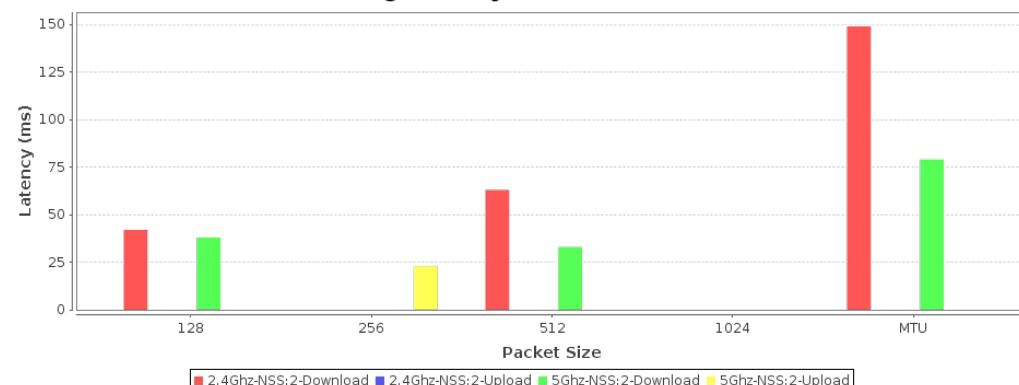
Total Pps vs Packet Size



Average Latency for each different traffic type on all bands.

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

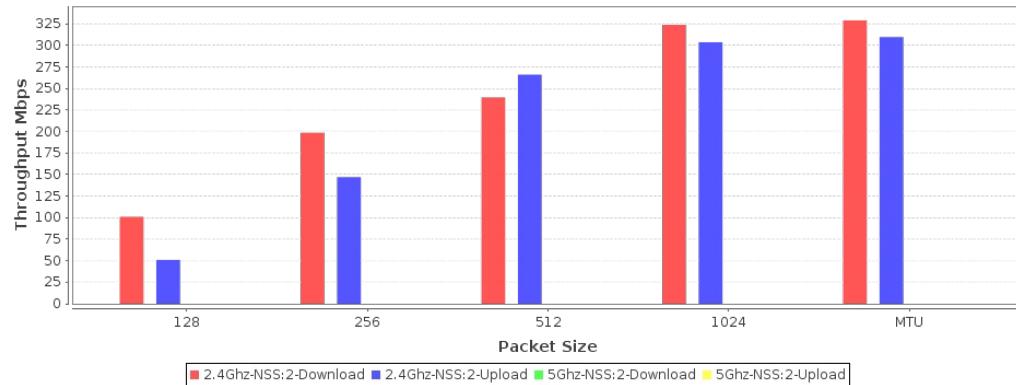
Avg Latency vs Packet Size



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

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

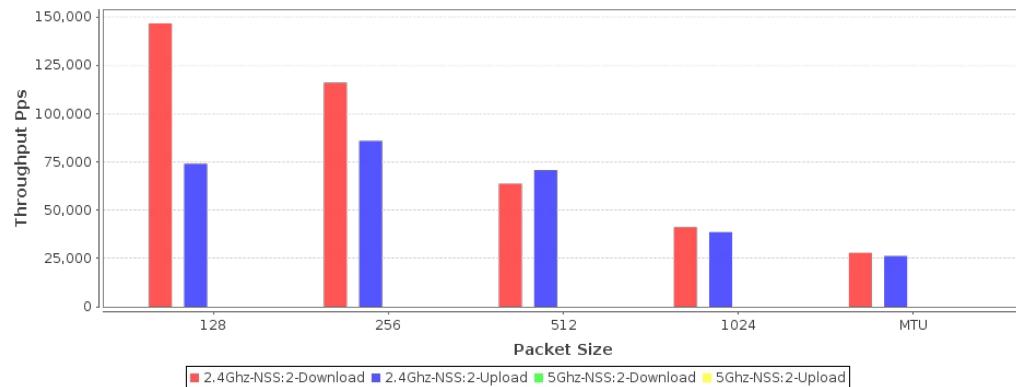
2.4Ghz Throughput vs Packet Size



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

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

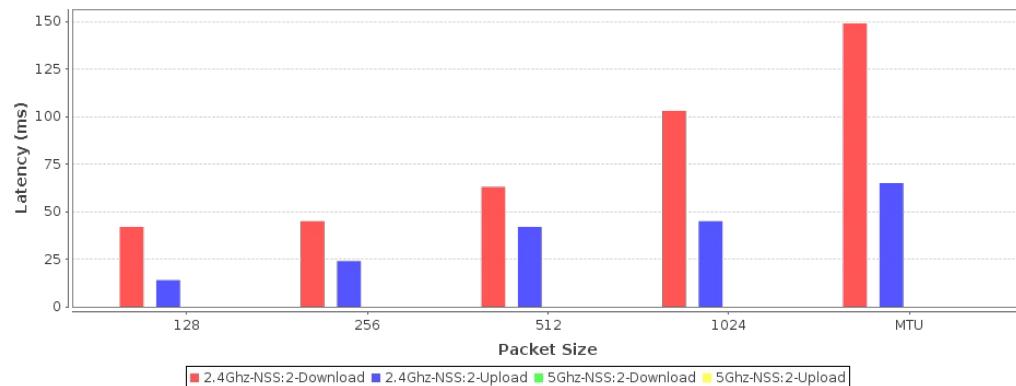
2.4Ghz Pps vs Packet Size



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

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

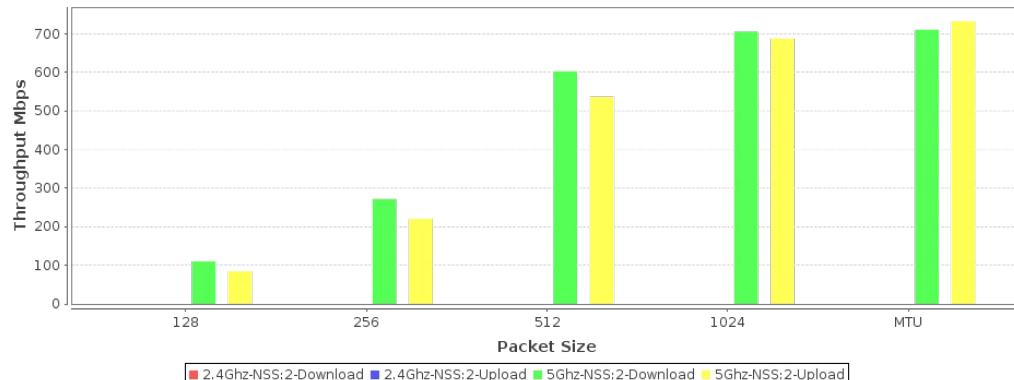
2.4Ghz Latency vs Packet Size



Throughput (goodput) for each different traffic type on the 5Ghz band.

[CSV Data for 5Ghz Throughput vs Packet Size](#)

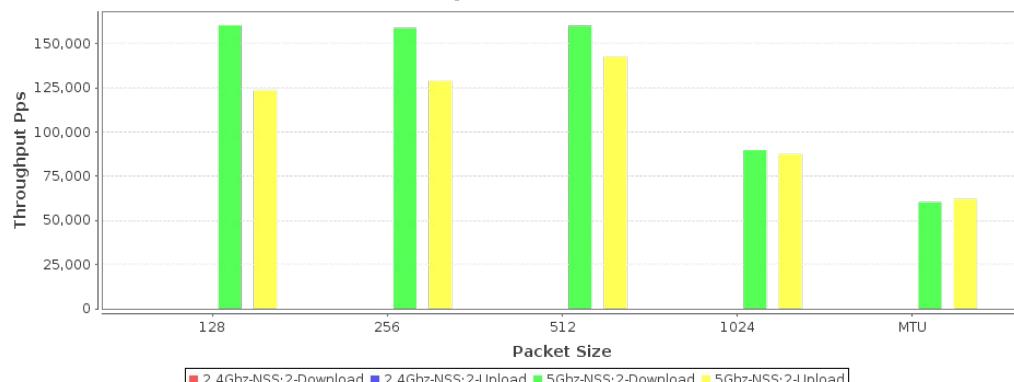
5Ghz Throughput vs Packet Size



Throughput packets-per-second for each different traffic type on the 5Ghz band.

[CSV Data for 5Ghz Pps vs Packet Size](#)

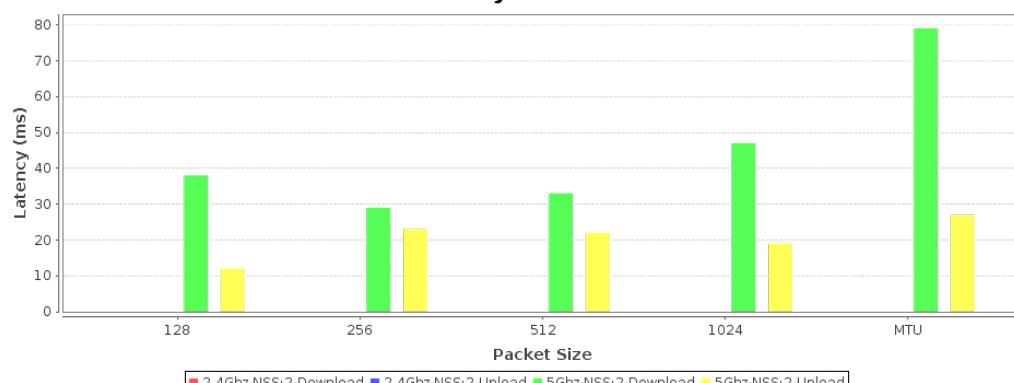
5Ghz Pps vs Packet Size



Average one-way Latency for each different traffic type on the 5Ghz band.

[CSV Data for 5Ghz Latency vs Packet Size](#)

5Ghz Latency vs Packet Size



Throughput vs Pkt Size Results

Type	Result	Notes
2.4Ghz NSS: 2 Download Sta Qty: 1 128B	Info	100.90 Mbps PER: 0.26%
2.4Ghz NSS: 2 Download Sta Qty: 1 256B	Info	198.54 Mbps PER: 0.89%
2.4Ghz NSS: 2 Download Sta Qty: 1 512B	Info	239.55 Mbps PER: 0.72%
2.4Ghz NSS: 2 Download Sta Qty: 1 1024B	Info	323.88 Mbps PER: 0.61%
2.4Ghz NSS: 2 Download Sta Qty: 1 MTU	Info	328.87 Mbps PER: 0.80%
2.4Ghz NSS: 2 Upload Sta Qty: 1 128B	Info	50.90 Mbps PER: 0%

2.4Ghz NSS: 2 Upload Sta Qty: 1 256B	Info	146.93 Mbps PER: 0%
2.4Ghz NSS: 2 Upload Sta Qty: 1 512B	Info	265.92 Mbps PER: 0.14%
2.4Ghz NSS: 2 Upload Sta Qty: 1 1024B	Info	303.50 Mbps PER: 0.56%
2.4Ghz NSS: 2 Upload Sta Qty: 1 MTU	Info	309.48 Mbps PER: 0.81%
5Ghz NSS: 2 Download Sta Qty: 1 128B	Info	110.41 Mbps PER: 0.45%
5Ghz NSS: 2 Download Sta Qty: 1 256B	Info	272.20 Mbps PER: 0%
5Ghz NSS: 2 Download Sta Qty: 1 512B	Info	602.69 Mbps PER: 0.92%
5Ghz NSS: 2 Download Sta Qty: 1 1024B	Info	705.84 Mbps PER: 0.49%
5Ghz NSS: 2 Download Sta Qty: 1 MTU	Info	710.67 Mbps PER: 0.46%
5Ghz NSS: 2 Upload Sta Qty: 1 128B	Info	85.04 Mbps PER: 0%
5Ghz NSS: 2 Upload Sta Qty: 1 256B	Info	220.87 Mbps PER: 0%
5Ghz NSS: 2 Upload Sta Qty: 1 512B	Info	536.78 Mbps PER: 0%
5Ghz NSS: 2 Upload Sta Qty: 1 1024B	Info	687.48 Mbps PER: 0%
5Ghz NSS: 2 Upload Sta Qty: 1 MTU	Info	732.52 Mbps PER: 0%
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:NOTE: In the table below, the 3 numbers in parentheses are for 2.4Ghz, 5Ghz, and 5Ghz-B bands.

Type	Result	Notes
2.4Ghz NSS: 2 Download UDP 128B Sta Qty: 1	1+	Intended: 100 Offered: 100 Tput: 99.99 Mbps PER: 0 Latency: 12.00
2.4Ghz NSS: 2 Download UDP 128B Sta Qty: 1	2-	Intended: 200 Offered: 199 Tput: 101.86 Mbps PER: 48.85 Latency: 47.00
2.4Ghz NSS: 2 Download UDP 128B Sta Qty: 1	*3-	Intended: 200 Offered: 200 Tput: 102.15 Mbps PER: 48.70 Latency: 46.00
2.4Ghz NSS: 2 Download UDP 128B Sta Qty: 1	4-	Intended: 150 Offered: 149 Tput: 101.28 Mbps PER: 32.19 Latency: 48.00
2.4Ghz NSS: 2 Download UDP 128B Sta Qty: 1	*5-	Intended: 150 Offered: 149 Tput: 101.60 Mbps PER: 31.96 Latency: 46.00
2.4Ghz NSS: 2 Download UDP 128B Sta Qty: 1	6-	Intended: 125 Offered: 124 Tput: 101.23 Mbps PER: 18.67 Latency: 45.00
2.4Ghz NSS: 2 Download UDP 128B Sta Qty: 1	*7-	Intended: 125 Offered: 124 Tput: 100.84 Mbps PER: 18.66 Latency: 44.00
2.4Ghz NSS: 2 Download UDP 128B Sta Qty: 1	8-	Intended: 112 Offered: 112 Tput: 100.66 Mbps PER: 9.80 Latency: 43.00
2.4Ghz NSS: 2 Download UDP 128B Sta Qty: 1	*9-	Intended: 112 Offered: 112 Tput: 100.92 Mbps PER: 9.91 Latency: 45.00
2.4Ghz NSS: 2 Download UDP 128B Sta Qty: 1	10-	Intended: 106 Offered: 106 Tput: 100.77 Mbps PER: 4.74 Latency: 45.00
2.4Ghz NSS: 2 Download UDP 128B Sta Qty: 1	*11-	Intended: 106 Offered: 106 Tput: 100.55 Mbps PER: 4.61 Latency: 43.00
2.4Ghz NSS: 2 Download UDP 128B	12-	Intended: 103 Offered: 103 Tput: 100.32 Mbps PER: 1.93

Sta Qty: 1		Latency: 42.00
2.4Ghz NSS: 2 Download UDP 128B Sta Qty: 1	*13-	Intended: 103 Offered: 103 Tput: 100.30 Mbps PER: 1.98 Latency: 39.00
2.4Ghz NSS: 2 Download UDP 128B Sta Qty: 1	14+	Intended: 102 Offered: 101 Tput: 100.90 Mbps PER: 0.26 Latency: 42.00
2.4Ghz NSS: 2 Download UDP 256B Sta Qty: 1	1+	Intended: 101 Offered: 100 Tput: 100.51 Mbps PER: 0 Latency: 2.00
2.4Ghz NSS: 2 Download UDP 256B Sta Qty: 1	2-	Intended: 202 Offered: 201 Tput: 197.14 Mbps PER: 2.01 Latency: 34.00
2.4Ghz NSS: 2 Download UDP 256B Sta Qty: 1	*3+	Intended: 202 Offered: 201 Tput: 198.54 Mbps PER: 0.89 Latency: 45.00
2.4Ghz NSS: 2 Download UDP 256B Sta Qty: 1	4-	Intended: 404 Offered: 402 Tput: 199.18 Mbps PER: 50.41 Latency: 58.00
2.4Ghz NSS: 2 Download UDP 256B Sta Qty: 1	*5-	Intended: 404 Offered: 404 Tput: 198.00 Mbps PER: 50.56 Latency: 40.00
2.4Ghz NSS: 2 Download UDP 256B Sta Qty: 1	6-	Intended: 303 Offered: 301 Tput: 199.10 Mbps PER: 33.96 Latency: 34.00
2.4Ghz NSS: 2 Download UDP 256B Sta Qty: 1	*7-	Intended: 303 Offered: 301 Tput: 198.48 Mbps PER: 33.90 Latency: 36.00
2.4Ghz NSS: 2 Download UDP 256B Sta Qty: 1	8-	Intended: 252 Offered: 252 Tput: 198.25 Mbps PER: 21.09 Latency: 38.00
2.4Ghz NSS: 2 Download UDP 256B Sta Qty: 1	*9-	Intended: 252 Offered: 251 Tput: 199.05 Mbps PER: 20.73 Latency: 50.00
2.4Ghz NSS: 2 Download UDP 256B Sta Qty: 1	10-	Intended: 227 Offered: 226 Tput: 198.20 Mbps PER: 12.35 Latency: 36.00
2.4Ghz NSS: 2 Download UDP 256B Sta Qty: 1	*11-	Intended: 227 Offered: 227 Tput: 198.75 Mbps PER: 12.10 Latency: 34.00
2.4Ghz NSS: 2 Download UDP 256B Sta Qty: 1	12-	Intended: 214 Offered: 214 Tput: 197.26 Mbps PER: 7.67 Latency: 39.00
2.4Ghz NSS: 2 Download UDP 256B Sta Qty: 1	*13-	Intended: 214 Offered: 214 Tput: 200.86 Mbps PER: 5.60 Latency: 42.00
2.4Ghz NSS: 2 Download UDP 256B Sta Qty: 1	14-	Intended: 208 Offered: 208 Tput: 198.27 Mbps PER: 3.96 Latency: 41.00
2.4Ghz NSS: 2 Download UDP 256B Sta Qty: 1	*15-	Intended: 208 Offered: 207 Tput: 197.36 Mbps PER: 4.51 Latency: 56.00
2.4Ghz NSS: 2 Download UDP 512B Sta Qty: 1	1+	Intended: 199 Offered: 198 Tput: 198.56 Mbps PER: 0 Latency: 1.00
2.4Ghz NSS: 2 Download UDP 512B Sta Qty: 1	2-	Intended: 397 Offered: 395 Tput: 234.45 Mbps PER: 40.82 Latency: 104.00
2.4Ghz NSS: 2 Download UDP 512B Sta Qty: 1	*3-	Intended: 397 Offered: 397 Tput: 225.72 Mbps PER: 43.04 Latency: 95.00
2.4Ghz NSS: 2 Download UDP 512B Sta Qty: 1	4-	Intended: 298 Offered: 297 Tput: 217.35 Mbps PER: 26.48 Latency: 137.00
2.4Ghz NSS: 2 Download UDP 512B Sta Qty: 1	*5-	Intended: 298 Offered: 297 Tput: 208.33 Mbps PER: 29.40 Latency: 69.00
2.4Ghz NSS: 2 Download UDP 512B Sta Qty: 1	6-	Intended: 248 Offered: 247 Tput: 231.78 Mbps PER: 6.00 Latency: 65.00
2.4Ghz NSS: 2 Download UDP 512B Sta Qty: 1	*7-	Intended: 248 Offered: 248 Tput: 239.66 Mbps PER: 2.86 Latency: 54.00
2.4Ghz NSS: 2 Download UDP 512B Sta Qty: 1	8+	Intended: 223 Offered: 222 Tput: 222.50 Mbps PER: 0 Latency: 2.00
2.4Ghz NSS: 2 Download UDP 512B		Intended: 236 Offered: 235 Tput: 235.49 Mbps PER: 0

Sta Qty: 1	9+	Latency: 14.00
2.4Ghz NSS: 2 Download UDP 512B Sta Qty: 1	10+	Intended: 242 Offered: 241 Tput: 237.11 Mbps PER: 0.91 Latency: 59.00
2.4Ghz NSS: 2 Download UDP 512B Sta Qty: 1	11-	Intended: 245 Offered: 245 Tput: 236.39 Mbps PER: 2.80 Latency: 72.00
2.4Ghz NSS: 2 Download UDP 512B Sta Qty: 1	*12-	Intended: 245 Offered: 244 Tput: 237.90 Mbps PER: 2.23 Latency: 77.00
2.4Ghz NSS: 2 Download UDP 512B Sta Qty: 1	13+	Intended: 244 Offered: 242 Tput: 239.55 Mbps PER: 0.72 Latency: 63.00
2.4Ghz NSS: 2 Download UDP 1024B Sta Qty: 1	1+	Intended: 240 Offered: 240 Tput: 239.38 Mbps PER: 0 Latency: 8.00
2.4Ghz NSS: 2 Download UDP 1024B Sta Qty: 1	2-	Intended: 479 Offered: 477 Tput: 251.89 Mbps PER: 46.69 Latency: 134.00
2.4Ghz NSS: 2 Download UDP 1024B Sta Qty: 1	*3-	Intended: 479 Offered: 477 Tput: 252.65 Mbps PER: 46.40 Latency: 136.00
2.4Ghz NSS: 2 Download UDP 1024B Sta Qty: 1	4-	Intended: 359 Offered: 358 Tput: 244.22 Mbps PER: 30.64 Latency: 149.00
2.4Ghz NSS: 2 Download UDP 1024B Sta Qty: 1	*5-	Intended: 359 Offered: 358 Tput: 249.97 Mbps PER: 29.05 Latency: 106.00
2.4Ghz NSS: 2 Download UDP 1024B Sta Qty: 1	6+	Intended: 299 Offered: 299 Tput: 299.40 Mbps PER: 0 Latency: 3.00
2.4Ghz NSS: 2 Download UDP 1024B Sta Qty: 1	7+	Intended: 329 Offered: 328 Tput: 323.88 Mbps PER: 0.61 Latency: 103.00
2.4Ghz NSS: 2 Download UDP 1024B Sta Qty: 1	8-	Intended: 344 Offered: 343 Tput: 321.68 Mbps PER: 5.56 Latency: 107.00
2.4Ghz NSS: 2 Download UDP 1024B Sta Qty: 1	*9-	Intended: 344 Offered: 344 Tput: 320.92 Mbps PER: 5.45 Latency: 105.00
2.4Ghz NSS: 2 Download UDP 1024B Sta Qty: 1	10-	Intended: 337 Offered: 337 Tput: 321.87 Mbps PER: 3.42 Latency: 106.00
2.4Ghz NSS: 2 Download UDP 1024B Sta Qty: 1	*11-	Intended: 337 Offered: 337 Tput: 321.74 Mbps PER: 3.09 Latency: 102.00
2.4Ghz NSS: 2 Download UDP 1024B Sta Qty: 1	12-	Intended: 333 Offered: 333 Tput: 323.74 Mbps PER: 1.73 Latency: 104.00
2.4Ghz NSS: 2 Download UDP 1024B Sta Qty: 1	*13-	Intended: 333 Offered: 332 Tput: 322.43 Mbps PER: 2.19 Latency: 107.00
2.4Ghz NSS: 2 Download UDP 1024B Sta Qty: 1	14-	Intended: 331 Offered: 330 Tput: 323.09 Mbps PER: 1.47 Latency: 110.00
2.4Ghz NSS: 2 Download UDP 1024B Sta Qty: 1	*15-	Intended: 331 Offered: 330 Tput: 322.93 Mbps PER: 1.47 Latency: 104.00
2.4Ghz NSS: 2 Download UDP MTU Sta Qty: 1	1+	Intended: 324 Offered: 324 Tput: 323.87 Mbps PER: 0 Latency: 5.00
2.4Ghz NSS: 2 Download UDP MTU Sta Qty: 1	2-	Intended: 648 Offered: 645 Tput: 328.07 Mbps PER: 48.57 Latency: 159.00
2.4Ghz NSS: 2 Download UDP MTU Sta Qty: 1	*3-	Intended: 648 Offered: 645 Tput: 327.23 Mbps PER: 48.47 Latency: 158.00
2.4Ghz NSS: 2 Download UDP MTU Sta Qty: 1	4-	Intended: 486 Offered: 484 Tput: 328.30 Mbps PER: 31.34 Latency: 156.00
2.4Ghz NSS: 2 Download UDP MTU Sta Qty: 1	*5-	Intended: 486 Offered: 486 Tput: 328.18 Mbps PER: 31.38 Latency: 161.00
2.4Ghz NSS: 2 Download UDP MTU Sta Qty: 1	6-	Intended: 405 Offered: 403 Tput: 328.37 Mbps PER: 17.64 Latency: 156.00

2.4Ghz NSS: 2 Download UDP MTU Sta Qty: 1	*7-	Intended: 405 Offered: 403 Tput: 328.10 Mbps PER: 17.36 Latency: 157.00
2.4Ghz NSS: 2 Download UDP MTU Sta Qty: 1	8-	Intended: 364 Offered: 364 Tput: 327.55 Mbps PER: 8.29 Latency: 154.00
2.4Ghz NSS: 2 Download UDP MTU Sta Qty: 1	*9-	Intended: 364 Offered: 363 Tput: 329.76 Mbps PER: 8.09 Latency: 156.00
2.4Ghz NSS: 2 Download UDP MTU Sta Qty: 1	10-	Intended: 344 Offered: 344 Tput: 329.34 Mbps PER: 2.85 Latency: 157.00
2.4Ghz NSS: 2 Download UDP MTU Sta Qty: 1	*11-	Intended: 344 Offered: 343 Tput: 329.29 Mbps PER: 2.82 Latency: 155.00
2.4Ghz NSS: 2 Download UDP MTU Sta Qty: 1	12+	Intended: 334 Offered: 334 Tput: 328.48 Mbps PER: 0.18 Latency: 153.00
2.4Ghz NSS: 2 Download UDP MTU Sta Qty: 1	13-	Intended: 339 Offered: 338 Tput: 328.90 Mbps PER: 1.52 Latency: 152.00
2.4Ghz NSS: 2 Download UDP MTU Sta Qty: 1	*14-	Intended: 339 Offered: 338 Tput: 328.15 Mbps PER: 1.71 Latency: 153.00
2.4Ghz NSS: 2 Download UDP MTU Sta Qty: 1	15+	Intended: 337 Offered: 335 Tput: 328.87 Mbps PER: 0.80 Latency: 149.00
2.4Ghz NSS: 2 Upload UDP 128B Sta Qty: 1	1-	Intended: 329 Offered: 51 Tput: 50.65 Mbps PER: 0 Latency: 55.00
2.4Ghz NSS: 2 Upload UDP 128B Sta Qty: 1	*2-	Intended: 329 Offered: 51 Tput: 50.87 Mbps PER: 0 Latency: 56.00
2.4Ghz NSS: 2 Upload UDP 128B Sta Qty: 1	3-	Intended: 164 Offered: 51 Tput: 50.67 Mbps PER: 0 Latency: 35.00
2.4Ghz NSS: 2 Upload UDP 128B Sta Qty: 1	*4-	Intended: 164 Offered: 51 Tput: 50.68 Mbps PER: 0 Latency: 36.00
2.4Ghz NSS: 2 Upload UDP 128B Sta Qty: 1	5-	Intended: 82 Offered: 51 Tput: 50.67 Mbps PER: 0 Latency: 21.00
2.4Ghz NSS: 2 Upload UDP 128B Sta Qty: 1	*6-	Intended: 82 Offered: 51 Tput: 50.67 Mbps PER: 0 Latency: 19.00
2.4Ghz NSS: 2 Upload UDP 128B Sta Qty: 1	7+	Intended: 41 Offered: 41 Tput: 41.10 Mbps PER: 0 Latency: 0
2.4Ghz NSS: 2 Upload UDP 128B Sta Qty: 1	8-	Intended: 62 Offered: 51 Tput: 50.69 Mbps PER: 0 Latency: 15.00
2.4Ghz NSS: 2 Upload UDP 128B Sta Qty: 1	*9-	Intended: 62 Offered: 51 Tput: 50.71 Mbps PER: 0 Latency: 15.00
2.4Ghz NSS: 2 Upload UDP 128B Sta Qty: 1	10+	Intended: 51 Offered: 51 Tput: 50.73 Mbps PER: 0 Latency: 12.00
2.4Ghz NSS: 2 Upload UDP 128B Sta Qty: 1	11+	Intended: 57 Offered: 51 Tput: 50.90 Mbps PER: 0 Latency: 14.00
2.4Ghz NSS: 2 Upload UDP 128B Sta Qty: 1	12-	Intended: 59 Offered: 51 Tput: 50.70 Mbps PER: 0 Latency: 15.00
2.4Ghz NSS: 2 Upload UDP 128B Sta Qty: 1	*13-	Intended: 59 Offered: 51 Tput: 50.71 Mbps PER: 0 Latency: 15.00
2.4Ghz NSS: 2 Upload UDP 128B Sta Qty: 1	14-	Intended: 58 Offered: 51 Tput: 50.68 Mbps PER: 0.01 Latency: 15.00
2.4Ghz NSS: 2 Upload UDP 128B Sta Qty: 1	*15-	Intended: 58 Offered: 51 Tput: 50.70 Mbps PER: 0 Latency: 14.00
2.4Ghz NSS: 2 Upload UDP 256B Sta Qty: 1	1+	Intended: 51 Offered: 51 Tput: 50.67 Mbps PER: 0 Latency: 0
2.4Ghz NSS: 2 Upload UDP 256B Sta Qty: 1	2+	Intended: 102 Offered: 102 Tput: 101.39 Mbps PER: 0 Latency: 1.00

2.4Ghz NSS: 2 Upload UDP 256B Sta Qty: 1	3-	Intended: 204 Offered: 146 Tput: 145.78 Mbps PER: 0 Latency: 29.00
2.4Ghz NSS: 2 Upload UDP 256B Sta Qty: 1	*4-	Intended: 204 Offered: 147 Tput: 146.06 Mbps PER: 0 Latency: 30.00
2.4Ghz NSS: 2 Upload UDP 256B Sta Qty: 1	5+	Intended: 153 Offered: 147 Tput: 146.93 Mbps PER: 0 Latency: 24.00
2.4Ghz NSS: 2 Upload UDP 256B Sta Qty: 1	6-	Intended: 178 Offered: 146 Tput: 146.48 Mbps PER: 0 Latency: 26.00
2.4Ghz NSS: 2 Upload UDP 256B Sta Qty: 1	*7-	Intended: 178 Offered: 147 Tput: 146.71 Mbps PER: 0 Latency: 26.00
2.4Ghz NSS: 2 Upload UDP 256B Sta Qty: 1	8-	Intended: 165 Offered: 146 Tput: 146.15 Mbps PER: 0 Latency: 23.00
2.4Ghz NSS: 2 Upload UDP 256B Sta Qty: 1	*9-	Intended: 165 Offered: 146 Tput: 145.86 Mbps PER: 0 Latency: 25.00
2.4Ghz NSS: 2 Upload UDP 256B Sta Qty: 1	10+	Intended: 159 Offered: 147 Tput: 146.30 Mbps PER: 0 Latency: 26.00
2.4Ghz NSS: 2 Upload UDP 256B Sta Qty: 1	11+	Intended: 162 Offered: 146 Tput: 146.18 Mbps PER: 0 Latency: 26.00
2.4Ghz NSS: 2 Upload UDP 256B Sta Qty: 1	12-	Intended: 164 Offered: 147 Tput: 146.40 Mbps PER: 0 Latency: 23.00
2.4Ghz NSS: 2 Upload UDP 256B Sta Qty: 1	*13-	Intended: 164 Offered: 146 Tput: 146.47 Mbps PER: 0 Latency: 24.00
2.4Ghz NSS: 2 Upload UDP 512B Sta Qty: 1	1+	Intended: 147 Offered: 147 Tput: 146.35 Mbps PER: 0 Latency: 1.00
2.4Ghz NSS: 2 Upload UDP 512B Sta Qty: 1	2+	Intended: 294 Offered: 267 Tput: 265.92 Mbps PER: 0.14 Latency: 42.00
2.4Ghz NSS: 2 Upload UDP 512B Sta Qty: 1	3-	Intended: 588 Offered: 267 Tput: 265.10 Mbps PER: 0.16 Latency: 44.00
2.4Ghz NSS: 2 Upload UDP 512B Sta Qty: 1	*4-	Intended: 588 Offered: 266 Tput: 264.16 Mbps PER: 0.15 Latency: 48.00
2.4Ghz NSS: 2 Upload UDP 512B Sta Qty: 1	5-	Intended: 441 Offered: 268 Tput: 266.27 Mbps PER: 0.09 Latency: 46.00
2.4Ghz NSS: 2 Upload UDP 512B Sta Qty: 1	*6-	Intended: 441 Offered: 266 Tput: 265.76 Mbps PER: 0.10 Latency: 45.00
2.4Ghz NSS: 2 Upload UDP 512B Sta Qty: 1	7-	Intended: 367 Offered: 267 Tput: 266.12 Mbps PER: 0.12 Latency: 42.00
2.4Ghz NSS: 2 Upload UDP 512B Sta Qty: 1	*8-	Intended: 367 Offered: 268 Tput: 264.84 Mbps PER: 0.14 Latency: 48.00
2.4Ghz NSS: 2 Upload UDP 512B Sta Qty: 1	9-	Intended: 331 Offered: 266 Tput: 264.20 Mbps PER: 0.10 Latency: 44.00
2.4Ghz NSS: 2 Upload UDP 512B Sta Qty: 1	*10-	Intended: 331 Offered: 267 Tput: 266.20 Mbps PER: 0.10 Latency: 45.00
2.4Ghz NSS: 2 Upload UDP 512B Sta Qty: 1	11-	Intended: 312 Offered: 265 Tput: 262.88 Mbps PER: 0.12 Latency: 45.00
2.4Ghz NSS: 2 Upload UDP 512B Sta Qty: 1	*12-	Intended: 312 Offered: 266 Tput: 264.80 Mbps PER: 0.11 Latency: 45.00
2.4Ghz NSS: 2 Upload UDP 512B Sta Qty: 1	13-	Intended: 303 Offered: 266 Tput: 265.57 Mbps PER: 0.15 Latency: 42.00
2.4Ghz NSS: 2 Upload UDP 512B Sta Qty: 1	*14-	Intended: 303 Offered: 267 Tput: 264.05 Mbps PER: 0.12 Latency: 43.00
2.4Ghz NSS: 2 Upload UDP 512B Sta Qty: 1	15-	Intended: 298 Offered: 265 Tput: 263.31 Mbps PER: 0.16 Latency: 46.00

2.4Ghz NSS: 2 Upload UDP 1024B Sta Qty: 1	1+	Intended: 266 Offered: 266 Tput: 264.70 Mbps PER: 0 Latency: 3.00
2.4Ghz NSS: 2 Upload UDP 1024B Sta Qty: 1	2-	Intended: 532 Offered: 304 Tput: 301.53 Mbps PER: 0.57 Latency: 47.00
2.4Ghz NSS: 2 Upload UDP 1024B Sta Qty: 1	*3-	Intended: 532 Offered: 307 Tput: 303.08 Mbps PER: 0.56 Latency: 45.00
2.4Ghz NSS: 2 Upload UDP 1024B Sta Qty: 1	4-	Intended: 399 Offered: 307 Tput: 303.56 Mbps PER: 0.59 Latency: 43.00
2.4Ghz NSS: 2 Upload UDP 1024B Sta Qty: 1	*5-	Intended: 399 Offered: 304 Tput: 300.65 Mbps PER: 0.59 Latency: 45.00
2.4Ghz NSS: 2 Upload UDP 1024B Sta Qty: 1	6+	Intended: 332 Offered: 307 Tput: 302.56 Mbps PER: 0.56 Latency: 44.00
2.4Ghz NSS: 2 Upload UDP 1024B Sta Qty: 1	7-	Intended: 366 Offered: 308 Tput: 303.27 Mbps PER: 0.57 Latency: 47.00
2.4Ghz NSS: 2 Upload UDP 1024B Sta Qty: 1	*8-	Intended: 366 Offered: 306 Tput: 301.58 Mbps PER: 0.60 Latency: 46.00
2.4Ghz NSS: 2 Upload UDP 1024B Sta Qty: 1	9-	Intended: 349 Offered: 307 Tput: 304.21 Mbps PER: 0.56 Latency: 43.00
2.4Ghz NSS: 2 Upload UDP 1024B Sta Qty: 1	*10-	Intended: 349 Offered: 307 Tput: 302.90 Mbps PER: 0.56 Latency: 44.00
2.4Ghz NSS: 2 Upload UDP 1024B Sta Qty: 1	11-	Intended: 341 Offered: 307 Tput: 304.07 Mbps PER: 0.58 Latency: 46.00
2.4Ghz NSS: 2 Upload UDP 1024B Sta Qty: 1	*12-	Intended: 341 Offered: 306 Tput: 303.20 Mbps PER: 0.61 Latency: 44.00
2.4Ghz NSS: 2 Upload UDP 1024B Sta Qty: 1	13-	Intended: 337 Offered: 306 Tput: 302.79 Mbps PER: 0.56 Latency: 44.00
2.4Ghz NSS: 2 Upload UDP 1024B Sta Qty: 1	*14+	Intended: 337 Offered: 307 Tput: 303.50 Mbps PER: 0.56 Latency: 45.00
2.4Ghz NSS: 2 Upload UDP 1024B Sta Qty: 1	15-	Intended: 339 Offered: 306 Tput: 301.90 Mbps PER: 0.57 Latency: 47.00
2.4Ghz NSS: 2 Upload UDP MTU Sta Qty: 1	1+	Intended: 303 Offered: 303 Tput: 302.24 Mbps PER: 0 Latency: 3.00
2.4Ghz NSS: 2 Upload UDP MTU Sta Qty: 1	2-	Intended: 607 Offered: 315 Tput: 309.31 Mbps PER: 0.83 Latency: 63.00
2.4Ghz NSS: 2 Upload UDP MTU Sta Qty: 1	*3-	Intended: 607 Offered: 316 Tput: 309.81 Mbps PER: 0.89 Latency: 64.00
2.4Ghz NSS: 2 Upload UDP MTU Sta Qty: 1	4-	Intended: 455 Offered: 316 Tput: 311.21 Mbps PER: 0.89 Latency: 67.00
2.4Ghz NSS: 2 Upload UDP MTU Sta Qty: 1	*5-	Intended: 455 Offered: 315 Tput: 310.48 Mbps PER: 0.83 Latency: 64.00
2.4Ghz NSS: 2 Upload UDP MTU Sta Qty: 1	6-	Intended: 379 Offered: 314 Tput: 309.19 Mbps PER: 0.85 Latency: 65.00
2.4Ghz NSS: 2 Upload UDP MTU Sta Qty: 1	*7-	Intended: 379 Offered: 316 Tput: 311.03 Mbps PER: 0.82 Latency: 64.00
2.4Ghz NSS: 2 Upload UDP MTU Sta Qty: 1	8+	Intended: 341 Offered: 314 Tput: 309.48 Mbps PER: 0.81 Latency: 65.00
2.4Ghz NSS: 2 Upload UDP MTU Sta Qty: 1	9-	Intended: 360 Offered: 315 Tput: 309.50 Mbps PER: 0.84 Latency: 63.00
2.4Ghz NSS: 2 Upload UDP MTU Sta Qty: 1	*10-	Intended: 360 Offered: 316 Tput: 310.42 Mbps PER: 0.84 Latency: 64.00
2.4Ghz NSS: 2 Upload UDP MTU Sta Qty: 1	11-	Intended: 351 Offered: 317 Tput: 310.78 Mbps PER: 0.84

Qty: 1		Latency: 67.00
2.4Ghz NSS: 2 Upload UDP MTU Sta Qty: 1	*12-	Intended: 351 Offered: 315 Tput: 310.24 Mbps PER: 0.83 Latency: 65.00
2.4Ghz NSS: 2 Upload UDP MTU Sta Qty: 1	13-	Intended: 346 Offered: 316 Tput: 309.48 Mbps PER: 0.84 Latency: 65.00
2.4Ghz NSS: 2 Upload UDP MTU Sta Qty: 1	*14-	Intended: 346 Offered: 314 Tput: 309.74 Mbps PER: 0.82 Latency: 66.00
2.4Ghz NSS: 2 Upload UDP MTU Sta Qty: 1	15-	Intended: 344 Offered: 312 Tput: 306.22 Mbps PER: 0.84 Latency: 68.00
5Ghz NSS: 2 Download UDP 128B Sta Qty: 1	1-	Intended: 500 Offered: 477 Tput: 110.26 Mbps PER: 76.80 Latency: 40.00
5Ghz NSS: 2 Download UDP 128B Sta Qty: 1	*2-	Intended: 500 Offered: 486 Tput: 77.90 Mbps PER: 83.92 Latency: 41.00
5Ghz NSS: 2 Download UDP 128B Sta Qty: 1	3-	Intended: 250 Offered: 249 Tput: 110.24 Mbps PER: 55.54 Latency: 40.00
5Ghz NSS: 2 Download UDP 128B Sta Qty: 1	*4-	Intended: 250 Offered: 250 Tput: 110.62 Mbps PER: 55.54 Latency: 41.00
5Ghz NSS: 2 Download UDP 128B Sta Qty: 1	5-	Intended: 125 Offered: 124 Tput: 110.68 Mbps PER: 11.10 Latency: 38.00
5Ghz NSS: 2 Download UDP 128B Sta Qty: 1	*6-	Intended: 125 Offered: 124 Tput: 110.70 Mbps PER: 11.08 Latency: 39.00
5Ghz NSS: 2 Download UDP 128B Sta Qty: 1	7+	Intended: 62 Offered: 62 Tput: 62.49 Mbps PER: 0 Latency: 1.00
5Ghz NSS: 2 Download UDP 128B Sta Qty: 1	8+	Intended: 94 Offered: 94 Tput: 93.73 Mbps PER: 0 Latency: 2.00
5Ghz NSS: 2 Download UDP 128B Sta Qty: 1	9+	Intended: 109 Offered: 109 Tput: 108.92 Mbps PER: 0 Latency: 25.00
5Ghz NSS: 2 Download UDP 128B Sta Qty: 1	10-	Intended: 117 Offered: 117 Tput: 110.64 Mbps PER: 5.21 Latency: 38.00
5Ghz NSS: 2 Download UDP 128B Sta Qty: 1	*11-	Intended: 117 Offered: 117 Tput: 110.51 Mbps PER: 5.32 Latency: 39.00
5Ghz NSS: 2 Download UDP 128B Sta Qty: 1	12-	Intended: 113 Offered: 113 Tput: 110.46 Mbps PER: 2.10 Latency: 38.00
5Ghz NSS: 2 Download UDP 128B Sta Qty: 1	*13-	Intended: 113 Offered: 113 Tput: 110.36 Mbps PER: 2.19 Latency: 38.00
5Ghz NSS: 2 Download UDP 128B Sta Qty: 1	14+	Intended: 111 Offered: 111 Tput: 110.41 Mbps PER: 0.45 Latency: 38.00
5Ghz NSS: 2 Download UDP 256B Sta Qty: 1	1+	Intended: 110 Offered: 110 Tput: 109.96 Mbps PER: 0 Latency: 1.00
5Ghz NSS: 2 Download UDP 256B Sta Qty: 1	2+	Intended: 221 Offered: 220 Tput: 219.90 Mbps PER: 0 Latency: 3.00
5Ghz NSS: 2 Download UDP 256B Sta Qty: 1	3-	Intended: 442 Offered: 440 Tput: 269.00 Mbps PER: 38.83 Latency: 41.00
5Ghz NSS: 2 Download UDP 256B Sta Qty: 1	*4-	Intended: 442 Offered: 442 Tput: 269.09 Mbps PER: 38.82 Latency: 39.00
5Ghz NSS: 2 Download UDP 256B Sta Qty: 1	5-	Intended: 331 Offered: 331 Tput: 267.92 Mbps PER: 18.47 Latency: 39.00
5Ghz NSS: 2 Download UDP 256B Sta Qty: 1	*6-	Intended: 331 Offered: 330 Tput: 269.01 Mbps PER: 18.45 Latency: 39.00
5Ghz NSS: 2 Download UDP 256B Sta Qty: 1	7-	Intended: 276 Offered: 275 Tput: 267.84 Mbps PER: 2.20 Latency: 38.00

5Ghz NSS: 2 Download UDP 256B Sta Qty: 1	*8-	Intended: 276 Offered: 275 Tput: 269.04 Mbps PER: 2.14 Latency: 39.00
5Ghz NSS: 2 Download UDP 256B Sta Qty: 1	9+	Intended: 248 Offered: 247 Tput: 247.42 Mbps PER: 0 Latency: 1.00
5Ghz NSS: 2 Download UDP 256B Sta Qty: 1	10+	Intended: 262 Offered: 262 Tput: 262.17 Mbps PER: 0 Latency: 1.00
5Ghz NSS: 2 Download UDP 256B Sta Qty: 1	11+	Intended: 269 Offered: 268 Tput: 269.10 Mbps PER: 0 Latency: 1.00
5Ghz NSS: 2 Download UDP 256B Sta Qty: 1	12+	Intended: 273 Offered: 273 Tput: 272.20 Mbps PER: 0 Latency: 29.00
5Ghz NSS: 2 Download UDP 256B Sta Qty: 1	13+	Intended: 274 Offered: 273 Tput: 270.93 Mbps PER: 0.45 Latency: 39.00
5Ghz NSS: 2 Download UDP 256B Sta Qty: 1	14-	Intended: 275 Offered: 274 Tput: 268.55 Mbps PER: 1.64 Latency: 38.00
5Ghz NSS: 2 Download UDP 512B Sta Qty: 1	1+	Intended: 272 Offered: 272 Tput: 272.19 Mbps PER: 0 Latency: 1.00
5Ghz NSS: 2 Download UDP 512B Sta Qty: 1	2+	Intended: 544 Offered: 542 Tput: 543.73 Mbps PER: 0 Latency: 14.00
5Ghz NSS: 2 Download UDP 512B Sta Qty: 1	3-	Intended: 1,089 Offered: 879 Tput: 601.35 Mbps PER: 31.58 Latency: 45.00
5Ghz NSS: 2 Download UDP 512B Sta Qty: 1	*4-	Intended: 1,089 Offered: 874 Tput: 601.66 Mbps PER: 31.17 Latency: 50.00
5Ghz NSS: 2 Download UDP 512B Sta Qty: 1	5-	Intended: 817 Offered: 816 Tput: 600.44 Mbps PER: 26.14 Latency: 40.00
5Ghz NSS: 2 Download UDP 512B Sta Qty: 1	*6-	Intended: 817 Offered: 817 Tput: 600.94 Mbps PER: 25.82 Latency: 36.00
5Ghz NSS: 2 Download UDP 512B Sta Qty: 1	7-	Intended: 681 Offered: 677 Tput: 601.55 Mbps PER: 11.27 Latency: 36.00
5Ghz NSS: 2 Download UDP 512B Sta Qty: 1	*8-	Intended: 681 Offered: 678 Tput: 603.18 Mbps PER: 11.02 Latency: 38.00
5Ghz NSS: 2 Download UDP 512B Sta Qty: 1	9-	Intended: 612 Offered: 612 Tput: 596.84 Mbps PER: 1.85 Latency: 30.00
5Ghz NSS: 2 Download UDP 512B Sta Qty: 1	*10-	Intended: 612 Offered: 612 Tput: 601.92 Mbps PER: 1.44 Latency: 27.00
5Ghz NSS: 2 Download UDP 512B Sta Qty: 1	11+	Intended: 578 Offered: 578 Tput: 578.32 Mbps PER: 0 Latency: 1.00
5Ghz NSS: 2 Download UDP 512B Sta Qty: 1	12+	Intended: 595 Offered: 595 Tput: 594.54 Mbps PER: 0 Latency: 15.00
5Ghz NSS: 2 Download UDP 512B Sta Qty: 1	13+	Intended: 604 Offered: 601 Tput: 599.56 Mbps PER: 0.05 Latency: 24.00
5Ghz NSS: 2 Download UDP 512B Sta Qty: 1	14+	Intended: 608 Offered: 608 Tput: 601.88 Mbps PER: 0.76 Latency: 27.00
5Ghz NSS: 2 Download UDP 512B Sta Qty: 1	15+	Intended: 610 Offered: 610 Tput: 602.69 Mbps PER: 0.92 Latency: 33.00
5Ghz NSS: 2 Download UDP 1024B Sta Qty: 1	1+	Intended: 603 Offered: 600 Tput: 602.54 Mbps PER: 0 Latency: 2.00
5Ghz NSS: 2 Download UDP 1024B Sta Qty: 1	2-	Intended: 1,205 Offered: 937 Tput: 702.60 Mbps PER: 24.48 Latency: 62.00
5Ghz NSS: 2 Download UDP 1024B Sta Qty: 1	*3-	Intended: 1,205 Offered: 940 Tput: 706.62 Mbps PER: 24.34 Latency: 64.00
5Ghz NSS: 2 Download UDP 1024B Sta Qty: 1	4-	Intended: 904 Offered: 900 Tput: 705.15 Mbps PER: 21.30 Latency: 48.00

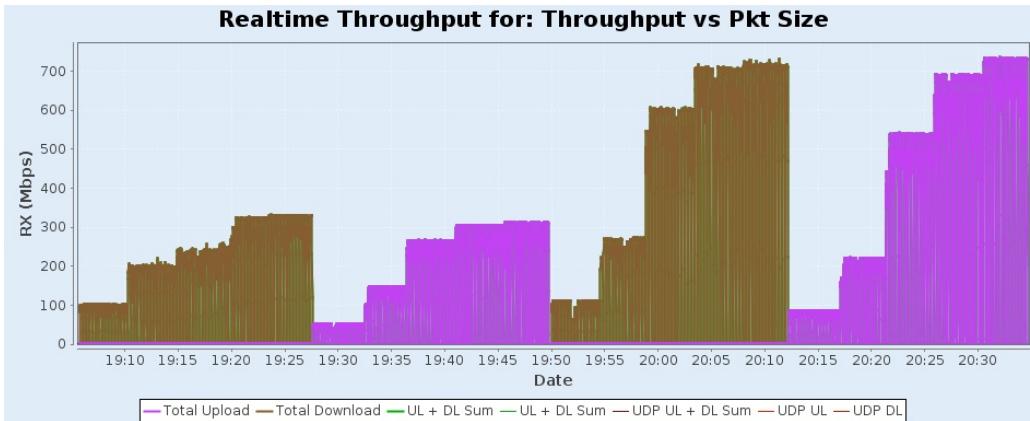
5Ghz NSS: 2 Download UDP 1024B Sta Qty: 1	*5-	Intended: 904 Offered: 900 Tput: 707.09 Mbps PER: 21.39 Latency: 47.00
5Ghz NSS: 2 Download UDP 1024B Sta Qty: 1	6-	Intended: 753 Offered: 753 Tput: 701.07 Mbps PER: 6.08 Latency: 50.00
5Ghz NSS: 2 Download UDP 1024B Sta Qty: 1	*7-	Intended: 753 Offered: 750 Tput: 701.04 Mbps PER: 6.11 Latency: 49.00
5Ghz NSS: 2 Download UDP 1024B Sta Qty: 1	8+	Intended: 678 Offered: 675 Tput: 672.97 Mbps PER: 0.23 Latency: 11.00
5Ghz NSS: 2 Download UDP 1024B Sta Qty: 1	9+	Intended: 716 Offered: 713 Tput: 705.84 Mbps PER: 0.49 Latency: 47.00
5Ghz NSS: 2 Download UDP 1024B Sta Qty: 1	10-	Intended: 735 Offered: 731 Tput: 706.62 Mbps PER: 3.34 Latency: 47.00
5Ghz NSS: 2 Download UDP 1024B Sta Qty: 1	*11-	Intended: 735 Offered: 734 Tput: 707.22 Mbps PER: 3.23 Latency: 48.00
5Ghz NSS: 2 Download UDP 1024B Sta Qty: 1	12-	Intended: 725 Offered: 722 Tput: 702.40 Mbps PER: 2.28 Latency: 50.00
5Ghz NSS: 2 Download UDP 1024B Sta Qty: 1	*13-	Intended: 725 Offered: 722 Tput: 702.01 Mbps PER: 2.71 Latency: 50.00
5Ghz NSS: 2 Download UDP 1024B Sta Qty: 1	14-	Intended: 720 Offered: 717 Tput: 702.31 Mbps PER: 2.04 Latency: 50.00
5Ghz NSS: 2 Download UDP 1024B Sta Qty: 1	*15-	Intended: 720 Offered: 717 Tput: 701.03 Mbps PER: 1.81 Latency: 49.00
5Ghz NSS: 2 Download UDP MTU Sta Qty: 1	1+	Intended: 706 Offered: 703 Tput: 702.73 Mbps PER: 0 Latency: 3.00
5Ghz NSS: 2 Download UDP MTU Sta Qty: 1	2-	Intended: 1,412 Offered: 962 Tput: 716.67 Mbps PER: 24.77 Latency: 95.00
5Ghz NSS: 2 Download UDP MTU Sta Qty: 1	*3-	Intended: 1,412 Offered: 958 Tput: 716.47 Mbps PER: 24.48 Latency: 99.00
5Ghz NSS: 2 Download UDP MTU Sta Qty: 1	4-	Intended: 1,059 Offered: 962 Tput: 712.52 Mbps PER: 25.21 Latency: 100.00
5Ghz NSS: 2 Download UDP MTU Sta Qty: 1	*5-	Intended: 1,059 Offered: 960 Tput: 710.85 Mbps PER: 25.29 Latency: 97.00
5Ghz NSS: 2 Download UDP MTU Sta Qty: 1	6-	Intended: 882 Offered: 882 Tput: 713.96 Mbps PER: 18.46 Latency: 79.00
5Ghz NSS: 2 Download UDP MTU Sta Qty: 1	*7-	Intended: 882 Offered: 879 Tput: 716.68 Mbps PER: 18.15 Latency: 75.00
5Ghz NSS: 2 Download UDP MTU Sta Qty: 1	8-	Intended: 794 Offered: 794 Tput: 714.44 Mbps PER: 9.33 Latency: 76.00
5Ghz NSS: 2 Download UDP MTU Sta Qty: 1	*9-	Intended: 794 Offered: 790 Tput: 716.33 Mbps PER: 9.11 Latency: 74.00
5Ghz NSS: 2 Download UDP MTU Sta Qty: 1	10-	Intended: 750 Offered: 747 Tput: 712.29 Mbps PER: 4.30 Latency: 79.00
5Ghz NSS: 2 Download UDP MTU Sta Qty: 1	*11-	Intended: 750 Offered: 747 Tput: 712.43 Mbps PER: 3.85 Latency: 74.00
5Ghz NSS: 2 Download UDP MTU Sta Qty: 1	12-	Intended: 728 Offered: 725 Tput: 704.39 Mbps PER: 1.97 Latency: 74.00
5Ghz NSS: 2 Download UDP MTU Sta Qty: 1	*13-	Intended: 728 Offered: 725 Tput: 710.25 Mbps PER: 1.30 Latency: 76.00
5Ghz NSS: 2 Download UDP MTU Sta Qty: 1	14+	Intended: 717 Offered: 714 Tput: 709.47 Mbps PER: 0 Latency: 74.00
5Ghz NSS: 2 Download UDP MTU Sta Qty: 1	15+	Intended: 722 Offered: 720 Tput: 710.67 Mbps PER: 0.46 Latency: 79.00

5Ghz NSS: 2 Upload UDP 128B Sta Qty: 1	1-	Intended: 711 Offered: 85 Tput: 85.29 Mbps PER: 0 Latency: 31.00
5Ghz NSS: 2 Upload UDP 128B Sta Qty: 1	*2-	Intended: 711 Offered: 85 Tput: 84.96 Mbps PER: 0 Latency: 32.00
5Ghz NSS: 2 Upload UDP 128B Sta Qty: 1	3-	Intended: 355 Offered: 85 Tput: 85.09 Mbps PER: 0 Latency: 32.00
5Ghz NSS: 2 Upload UDP 128B Sta Qty: 1	*4-	Intended: 355 Offered: 85 Tput: 84.96 Mbps PER: 0 Latency: 33.00
5Ghz NSS: 2 Upload UDP 128B Sta Qty: 1	5-	Intended: 178 Offered: 85 Tput: 85.20 Mbps PER: 0 Latency: 22.00
5Ghz NSS: 2 Upload UDP 128B Sta Qty: 1	*6-	Intended: 178 Offered: 85 Tput: 84.94 Mbps PER: 0 Latency: 22.00
5Ghz NSS: 2 Upload UDP 128B Sta Qty: 1	7+	Intended: 89 Offered: 85 Tput: 85.04 Mbps PER: 0 Latency: 12.00
5Ghz NSS: 2 Upload UDP 128B Sta Qty: 1	8-	Intended: 133 Offered: 85 Tput: 84.98 Mbps PER: 0 Latency: 17.00
5Ghz NSS: 2 Upload UDP 128B Sta Qty: 1	*9-	Intended: 133 Offered: 85 Tput: 85.35 Mbps PER: 0 Latency: 17.00
5Ghz NSS: 2 Upload UDP 128B Sta Qty: 1	10-	Intended: 111 Offered: 85 Tput: 84.99 Mbps PER: 0 Latency: 16.00
5Ghz NSS: 2 Upload UDP 128B Sta Qty: 1	*11-	Intended: 111 Offered: 85 Tput: 84.98 Mbps PER: 0 Latency: 16.00
5Ghz NSS: 2 Upload UDP 128B Sta Qty: 1	12-	Intended: 100 Offered: 85 Tput: 85.40 Mbps PER: 0 Latency: 13.00
5Ghz NSS: 2 Upload UDP 128B Sta Qty: 1	*13-	Intended: 100 Offered: 85 Tput: 85.03 Mbps PER: 0 Latency: 14.00
5Ghz NSS: 2 Upload UDP 128B Sta Qty: 1	14+	Intended: 94 Offered: 85 Tput: 85.03 Mbps PER: 0 Latency: 14.00
5Ghz NSS: 2 Upload UDP 128B Sta Qty: 1	15-	Intended: 97 Offered: 85 Tput: 85.05 Mbps PER: 0 Latency: 13.00
5Ghz NSS: 2 Upload UDP 256B Sta Qty: 1	1+	Intended: 85 Offered: 85 Tput: 85.03 Mbps PER: 0 Latency: 0
5Ghz NSS: 2 Upload UDP 256B Sta Qty: 1	2+	Intended: 170 Offered: 170 Tput: 170.08 Mbps PER: 0 Latency: 1.00
5Ghz NSS: 2 Upload UDP 256B Sta Qty: 1	3-	Intended: 340 Offered: 220 Tput: 219.79 Mbps PER: 0 Latency: 28.00
5Ghz NSS: 2 Upload UDP 256B Sta Qty: 1	*4-	Intended: 340 Offered: 220 Tput: 219.86 Mbps PER: 0 Latency: 28.00
5Ghz NSS: 2 Upload UDP 256B Sta Qty: 1	5-	Intended: 255 Offered: 221 Tput: 219.73 Mbps PER: 0 Latency: 24.00
5Ghz NSS: 2 Upload UDP 256B Sta Qty: 1	*6-	Intended: 255 Offered: 220 Tput: 219.88 Mbps PER: 0 Latency: 24.00
5Ghz NSS: 2 Upload UDP 256B Sta Qty: 1	7+	Intended: 213 Offered: 213 Tput: 212.55 Mbps PER: 0 Latency: 1.00
5Ghz NSS: 2 Upload UDP 256B Sta Qty: 1	8+	Intended: 234 Offered: 221 Tput: 219.89 Mbps PER: 0 Latency: 23.00
5Ghz NSS: 2 Upload UDP 256B Sta Qty: 1	9-	Intended: 244 Offered: 221 Tput: 219.91 Mbps PER: 0 Latency: 23.00
5Ghz NSS: 2 Upload UDP 256B Sta Qty: 1	*10-	Intended: 244 Offered: 221 Tput: 219.67 Mbps PER: 0 Latency: 23.00
5Ghz NSS: 2 Upload UDP 256B Sta Qty: 1	11+	Intended: 239 Offered: 221 Tput: 219.87 Mbps PER: 0 Latency: 22.00

5Ghz NSS: 2 Upload UDP 256B Sta Qty: 1	12+	Intended: 242 Offered: 221 Tput: 219.87 Mbps PER: 0 Latency: 23.00
5Ghz NSS: 2 Upload UDP 256B Sta Qty: 1	13+	Intended: 243 Offered: 220 Tput: 220.78 Mbps PER: 0 Latency: 22.00
5Ghz NSS: 2 Upload UDP 256B Sta Qty: 1	14+	Intended: 244 Offered: 220 Tput: 220.87 Mbps PER: 0 Latency: 23.00
5Ghz NSS: 2 Upload UDP 512B Sta Qty: 1	1+	Intended: 221 Offered: 221 Tput: 220.86 Mbps PER: 0 Latency: 2.00
5Ghz NSS: 2 Upload UDP 512B Sta Qty: 1	2+	Intended: 442 Offered: 442 Tput: 439.86 Mbps PER: 0 Latency: 1.00
5Ghz NSS: 2 Upload UDP 512B Sta Qty: 1	3-	Intended: 883 Offered: 538 Tput: 538.83 Mbps PER: 0 Latency: 22.00
5Ghz NSS: 2 Upload UDP 512B Sta Qty: 1	*4-	Intended: 883 Offered: 537 Tput: 537.39 Mbps PER: 0 Latency: 22.00
5Ghz NSS: 2 Upload UDP 512B Sta Qty: 1	5-	Intended: 663 Offered: 539 Tput: 536.61 Mbps PER: 0 Latency: 23.00
5Ghz NSS: 2 Upload UDP 512B Sta Qty: 1	*6-	Intended: 663 Offered: 537 Tput: 536.68 Mbps PER: 0 Latency: 23.00
5Ghz NSS: 2 Upload UDP 512B Sta Qty: 1	7+	Intended: 552 Offered: 539 Tput: 536.48 Mbps PER: 0 Latency: 23.00
5Ghz NSS: 2 Upload UDP 512B Sta Qty: 1	8-	Intended: 607 Offered: 537 Tput: 536.83 Mbps PER: 0 Latency: 23.00
5Ghz NSS: 2 Upload UDP 512B Sta Qty: 1	*9-	Intended: 607 Offered: 539 Tput: 536.64 Mbps PER: 0 Latency: 22.00
5Ghz NSS: 2 Upload UDP 512B Sta Qty: 1	10+	Intended: 580 Offered: 536 Tput: 536.44 Mbps PER: 0 Latency: 23.00
5Ghz NSS: 2 Upload UDP 512B Sta Qty: 1	11+	Intended: 594 Offered: 537 Tput: 536.78 Mbps PER: 0 Latency: 22.00
5Ghz NSS: 2 Upload UDP 512B Sta Qty: 1	12-	Intended: 600 Offered: 539 Tput: 538.84 Mbps PER: 0 Latency: 22.00
5Ghz NSS: 2 Upload UDP 512B Sta Qty: 1	*13-	Intended: 600 Offered: 539 Tput: 538.94 Mbps PER: 0 Latency: 22.00
5Ghz NSS: 2 Upload UDP 512B Sta Qty: 1	14-	Intended: 597 Offered: 536 Tput: 536.22 Mbps PER: 0 Latency: 23.00
5Ghz NSS: 2 Upload UDP 512B Sta Qty: 1	*15-	Intended: 597 Offered: 536 Tput: 536.55 Mbps PER: 0 Latency: 23.00
5Ghz NSS: 2 Upload UDP 1024B Sta Qty: 1	1+	Intended: 537 Offered: 537 Tput: 536.73 Mbps PER: 0 Latency: 2.00
5Ghz NSS: 2 Upload UDP 1024B Sta Qty: 1	2-	Intended: 1,074 Offered: 690 Tput: 687.50 Mbps PER: 0 Latency: 20.00
5Ghz NSS: 2 Upload UDP 1024B Sta Qty: 1	*3-	Intended: 1,074 Offered: 690 Tput: 687.31 Mbps PER: 0 Latency: 20.00
5Ghz NSS: 2 Upload UDP 1024B Sta Qty: 1	4-	Intended: 805 Offered: 690 Tput: 687.11 Mbps PER: 0 Latency: 20.00
5Ghz NSS: 2 Upload UDP 1024B Sta Qty: 1	*5-	Intended: 805 Offered: 690 Tput: 690.30 Mbps PER: 0 Latency: 20.00
5Ghz NSS: 2 Upload UDP 1024B Sta Qty: 1	6+	Intended: 671 Offered: 671 Tput: 667.97 Mbps PER: 0 Latency: 3.00
5Ghz NSS: 2 Upload UDP 1024B Sta Qty: 1	7+	Intended: 738 Offered: 691 Tput: 687.47 Mbps PER: 0 Latency: 20.00
5Ghz NSS: 2 Upload UDP 1024B Sta Qty: 1	8-	Intended: 772 Offered: 690 Tput: 687.37 Mbps PER: 0 Latency: 19.00

5Ghz NSS: 2 Upload UDP 1024B Sta Qty: 1	*9-	Intended: 772 Offered: 690 Tput: 687.30 Mbps PER: 0 Latency: 20.00
5Ghz NSS: 2 Upload UDP 1024B Sta Qty: 1	10+	Intended: 755 Offered: 690 Tput: 687.48 Mbps PER: 0 Latency: 19.00
5Ghz NSS: 2 Upload UDP 1024B Sta Qty: 1	11+	Intended: 763 Offered: 687 Tput: 687.33 Mbps PER: 0 Latency: 21.00
5Ghz NSS: 2 Upload UDP 1024B Sta Qty: 1	12-	Intended: 767 Offered: 690 Tput: 690.32 Mbps PER: 0 Latency: 20.00
5Ghz NSS: 2 Upload UDP 1024B Sta Qty: 1	*13-	Intended: 767 Offered: 687 Tput: 687.08 Mbps PER: 0 Latency: 20.00
5Ghz NSS: 2 Upload UDP 1024B Sta Qty: 1	14-	Intended: 765 Offered: 688 Tput: 687.55 Mbps PER: 0 Latency: 20.00
5Ghz NSS: 2 Upload UDP 1024B Sta Qty: 1	*15-	Intended: 765 Offered: 690 Tput: 687.69 Mbps PER: 0 Latency: 19.00
5Ghz NSS: 2 Upload UDP MTU Sta Qty: 1	1+	Intended: 687 Offered: 686 Tput: 684.53 Mbps PER: 0 Latency: 3.00
5Ghz NSS: 2 Upload UDP MTU Sta Qty: 1	2-	Intended: 1,375 Offered: 730 Tput: 729.61 Mbps PER: 0 Latency: 28.00
5Ghz NSS: 2 Upload UDP MTU Sta Qty: 1	*3-	Intended: 1,375 Offered: 733 Tput: 729.52 Mbps PER: 0 Latency: 29.00
5Ghz NSS: 2 Upload UDP MTU Sta Qty: 1	4-	Intended: 1,031 Offered: 729 Tput: 729.36 Mbps PER: 0 Latency: 28.00
5Ghz NSS: 2 Upload UDP MTU Sta Qty: 1	*5-	Intended: 1,031 Offered: 733 Tput: 729.56 Mbps PER: 0 Latency: 28.00
5Ghz NSS: 2 Upload UDP MTU Sta Qty: 1	6-	Intended: 859 Offered: 732 Tput: 732.09 Mbps PER: 0 Latency: 27.00
5Ghz NSS: 2 Upload UDP MTU Sta Qty: 1	*7-	Intended: 859 Offered: 730 Tput: 732.40 Mbps PER: 0 Latency: 28.00
5Ghz NSS: 2 Upload UDP MTU Sta Qty: 1	8+	Intended: 773 Offered: 730 Tput: 729.59 Mbps PER: 0 Latency: 28.00
5Ghz NSS: 2 Upload UDP MTU Sta Qty: 1	9-	Intended: 816 Offered: 729 Tput: 729.19 Mbps PER: 0 Latency: 28.00
5Ghz NSS: 2 Upload UDP MTU Sta Qty: 1	*10-	Intended: 816 Offered: 730 Tput: 732.25 Mbps PER: 0 Latency: 27.00
5Ghz NSS: 2 Upload UDP MTU Sta Qty: 1	11+	Intended: 795 Offered: 732 Tput: 732.38 Mbps PER: 0 Latency: 29.00
5Ghz NSS: 2 Upload UDP MTU Sta Qty: 1	12+	Intended: 806 Offered: 730 Tput: 729.19 Mbps PER: 0 Latency: 29.00
5Ghz NSS: 2 Upload UDP MTU Sta Qty: 1	13+	Intended: 811 Offered: 730 Tput: 732.52 Mbps PER: 0 Latency: 27.00
5Ghz NSS: 2 Upload UDP MTU Sta Qty: 1	14-	Intended: 814 Offered: 730 Tput: 729.54 Mbps PER: 0 Latency: 28.00
5Ghz NSS: 2 Upload UDP MTU Sta Qty: 1	*15-	Intended: 814 Offered: 732 Tput: 729.10 Mbps PER: 0 Latency: 29.00

Realtime Throughput for: Throughput vs Pkt Size



[Key Performance Indicators CSV](#)

Test configuration and LANforge software version	
Auto-Helper	true
Skip 2.4Ghz Tests	false
Skip 5Ghz Tests	false
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:	1
5Ghz Station Count:	1
Dual-Band Station Count:	1
5Ghz-B Station Count:	64
Tri-Band Station Count:	64
Duration-20	10
Hunt Retries:	1
Maximum Hunt Iterations:	15
Multi-Conn	1
ToS	0
Upstream Port	1.1.1 eth1 Firmware: 0.0-0 Resource: LF-Lecturehall
Stability Duration:	1 h
Concurrent Ports to Reset:	1
Minimum Time between Resets:	10000
Maximum Time between Resets:	60000
Long-Term Station Count:	2
VOIP Call Count:	20
Percent:	900000
Open:	250
PSK:	500

Enterprise:	120
Stability stall threshold UDP Upload:	100000
Stability stall threshold UDP Download:	100000
Stability stall threshold TCP Upload:	100000
Stability stall threshold TCP Download:	100000
Stability stall threshold Video:	100000
Stability stall threshold VOIP:	20000
Stability Helper Script:	
Stability Multicast Min Download Rate:	100000
Stability Multicast Max Download Rate:	0
Stability UDP Min Download Rate:	500000
Stability UDP Max Download Rate:	0
Stability UDP Min Upload Rate:	500000
Stability UDP Max Upload Rate:	0
Stability TCP Min Download Rate:	500000
Stability TCP Max Download Rate:	0
Stability TCP Min Upload Rate:	500000
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:	20000000
Video Buffer Size:	1000000
Long-Term Upload Rate:	85%
Use Packet Sizes	false
Reset Radios	false
Use Packet Sizes	false
Always expect 5g	false

Spatial Streams	2
Bandwidth	AUTO
Modes	Auto
WiFi Radio 0	1.1.2 wiphy0 Firmware: 10.1-ct-8x-__xTH-023-1d83261a Resource: LF-Lecturehall
WiFi Radio 0	1.1.3 wiphy2 Firmware: 10.4b-ct-9984-xTH-13-b1b524c8e5 Resource: LF-Lecturehall
Pass-Fail Tput Criteria	
Show Events	true
Build Date	Thu 07 Jul 2022 08:57:05 AM PDT
Build Version	5.4.5
Git Version	69186323529a921fdcb254a9168f9e613a5a4350

[CSV Data](#)

[META Information for Throughput Test](#)

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