

TR-398 Issue 4

WiFi Performance Test Plan

Fri Dec 29 11:36:18 PST 2023



Test Setup Information		
Device Under Test	Name	be800
	SSIDs	be800_2g be800_5g be800_6g TP-Link_F5F0_ML0
	Passwords	lanforge lanforge lanforge 91912022
	BSSIDs	40:ed:00:14:f5:f2 40:ed:00:14:f5:f3 52:ed:00:14:f5:f4
	Notes	[BLANK]
Operator	Ben Greear	
Estimated Run Time	2.533 h	
Actual Run Time	1.11 h	

Objective

The TR-398 Issue 4 WiFi Performance test plan by the Broadband forum provides a comprehensive set of tests to qualify the performance of WiFi access points (APs) designed for residential and small office environments. Radio performance, Throughput, Connection Stability, Airtime Fairness, AP Co-existence, Mu_MIMO Performance, Spatial Consistency, Long-term Stability and Mesh performance are some of the test areas covered in this test plan. The test plan is designed for service providers deploying in home WiFi APs to qualify the APs in the lab before deployment and for equipment makers to test during the development of the APs. Candela Technologies offers a fully automated TR-398 test system. The user can select from the list of tests available. Most tests can run fully automated, though some require user interaction. Measurements are made and compared to the specified PASS/FAIL criteria in the TR-398 test plan and this report will show the summary PASS/FAIL results followed by more detailed results for each test.

Summary Results

Test	Result	Candela Score	Elapsed	Info
6.4.1 Multiple STAs Performance Test	2.4Ghz FAIL 5Ghz FAIL 6Ghz PASS	75	1.106 h	N 2.4Ghz Passed 6 / 6 AC 5Ghz Passed 3 / 6 AX 2.4Ghz Passed 6 / 6 AX 5Ghz Passed 3 / 6 AX 6Ghz-160 Passed 6 / 6 BE 2.4Ghz Passed 4 / 6 BE 5Ghz Passed 2 / 6 BE 6Ghz Passed 6 / 6

6.4.1 Multiple STAs Performance Test

Summary

Multiple STAs performance test intends to measure the performance of Wi-Fi device connected with multiple STAs at different distances simultaneously. There are three sets of 3 stations, with each group at a different emulated distance.

Test Procedure

These steps are done for 2.4, 5 and 6Ghz. 6Ghz uses 160Mhz bandwidth STA.

1. Configure the system to emulate a 2-meter distance. This is the baseline '0' attenuation.
2. Establish the LAN connection, create 3 sets of 3 stations.
3. Group 1 is set to short distance, Group 2 is set to medium distance, and Group 3 is set to long distance.
The attenuations for 2.4Ghz are: 12, 30, 43
The attenuations for 5 Ghz are: 6, 24, 39
The attenuations for 6 Ghz are: 0, 15, 27
4. Measure the downlink TCP throughput to each short-distance STA, using a test time of 120 seconds. Calculate the summation of downlink TCP throughput of the three STA set to short distance. Wait for 10 seconds. Measure the uplink TCP throughput to each STA, using a test time of 120 seconds. Calculate the summation uplink TCP throughput of the three STA in short distance.
5. Enable the medium distance stations and allow them to associate with the DUT. Measure the downlink TCP throughput to each of the 6 stations, using a test time of 120 seconds. Calculate the summation of downlink TCP throughput of all STA (three short-distance STA and the three medium-distance STA). Wait for 10 seconds. Measure the uplink TCP throughput to each STA, using a test time of 120 seconds. Calculate the summation of uplink TCP throughput of all 6 stations.
6. Enable the long distance stations and allow them to associate with the DUT. Measure the downlink TCP throughput to each of the 9 stations, using a test time of 120 seconds. Calculate the summation of all STA (downlink TCP throughput of the three short-distance STA, the three medium-distance STA and the three long-distance STA). Wait for 10 seconds. Measure the uplink TCP throughput to each STA, using a test time of 120 seconds. Calculate the summation of uplink TCP throughput of all 9 stations.

When setting the attenuation for upload direction, this test takes the calibrated zero-rssi value, the requested attenuation from 2m baseline, and the Attenuation Adjustment tunable into account. In addition, 5Ghz tests request 30db txpower, and 30db txpower on 2.4. The attenuation will be adjusted if actual tx-power used is below (or above) this value. By default, LANforge will transmit at 20db power on both bands.

Pass/Fail Criteria

Each step must pass a certain amount of traffic in each direction to pass the test.

1. For N 2.4Ghz, short-distance: 70Mbps.
2. For N 2.4Ghz, short-distance and medium-distance: 60Mbps.
3. For N 2.4Ghz, short-distance, medium-distance, and long-distance: 50Mbps.
4. For AC 5Ghz, short-distance: 500Mbps.
5. For AC 5Ghz, short-distance and medium-distance: 500Mbps.
6. For AC 5Ghz, short-distance, medium-distance, and long-distance: 400Mbps.
7. For AX 2.4Ghz, short-distance: 140Mbps.
8. For AX 2.4Ghz, short-distance and medium-distance: 120Mbps.
9. For AX 2.4Ghz, short-distance, medium-distance, and long-distance: 100Mbps.
10. For AX 5Ghz, short-distance: 680Mbps DL, 600Mbps UL.
11. For AX 5Ghz, short-distance and medium-distance: 600Mbps DL, 250Mbps UL.
12. For AX 5Ghz, short-distance, medium-distance, and long-distance: 500Mbps DL, 200Mbps UL.
13. For AX 6Ghz, short-distance: 1.4Gbps DL, 1.4Gbps UL.
14. For AX 6Ghz, short-distance and medium-distance: 1.2Gbps DL, 1.2Gbps UL.
15. For AX 6Ghz, short-distance, medium-distance, and long-distance: 1Gbps DL, 1Gbps UL.

Candela Score

The Candela Score for Multi STA Test is calculated as the percentage of passing sub-tests.

6.4.1 Multiple STAs Performance Test Results

Type	Result	Value	P/F Value	Notes
6.4.1 Assumptions	INFO			You may shift the attenuation by modifying the Attenuation Adjustment setting on the 'Advanced Configuration' screen.
N 2.4Ghz DL Group 1	PASS	103	70	Requires: 70 Mbps Reported: 102.70 Mbps Group-1 Avg: STA-RSSI: -32 Rx-Rate: 144.4M Tx-Rate: 144.4M
N 2.4Ghz UL Group 1	PASS	96	70	Requires: 70 Mbps Reported: 96.41 Mbps Group-1 Avg: STA-RSSI: -31 Rx-Rate: 144.4M Tx-Rate: 144.4M
N 2.4Ghz DL Groups 1-2	PASS	103	60	Requires: 60 Mbps Reported: 103.34 Mbps Group-1 Avg: STA-RSSI: -32 Rx-Rate: 144.4M Tx-Rate: 144.4M Group-2 Avg: STA-RSSI: -49 Rx-Rate: 96.6M Tx-Rate: 139.6M
N 2.4Ghz UL Groups 1-2	PASS	89	60	Requires: 60 Mbps Reported: 88.53 Mbps Group-1 Avg: STA-RSSI: -31 Rx-Rate: 144.4M Tx-Rate: 144.4M Group-2 Avg: STA-RSSI: -48 Rx-Rate: 144.4M Tx-Rate: 135.267M
N 2.4Ghz DL Groups 1-3	PASS	104	50	Requires: 50 Mbps Reported: 103.51 Mbps Group-1 Avg: STA-RSSI: -32 Rx-Rate: 144.4M Tx-Rate: 144.4M Group-2 Avg: STA-RSSI: -49 Rx-Rate: 144.4M Tx-Rate: 130M Group-3 Avg: STA-RSSI: -62 Rx-Rate: 80.4M Tx-Rate: 6.5M
N 2.4Ghz UL Groups 1-3	PASS	86	50	Requires: 50 Mbps Reported: 85.73 Mbps Group-1 Avg: STA-RSSI: -31 Rx-Rate: 139.6M Tx-Rate: 144.4M Group-2 Avg: STA-RSSI: -48 Rx-Rate: 139.6M Tx-Rate: 139.6M Group-3 Avg: STA-RSSI: -62 Rx-Rate: 82.667M Tx-Rate: 45.5M
AC 5Ghz DL Group 1	FAIL	345	500	Requires: 500 Mbps Reported: 345.48 Mbps Group-1 Avg: STA-RSSI: -41 Rx-Rate: 628.367M Tx-Rate: 655.8M
AC 5Ghz UL Group 1	PASS	688	450	Requires: 450 Mbps Reported: 688.38 Mbps Group-1 Avg: STA-RSSI: -41 Rx-Rate: 585M Tx-Rate: 866.7M
AC 5Ghz DL Groups 1-2	FAIL	320	500	Requires: 500 Mbps Reported: 320.15 Mbps Group-1 Avg: STA-RSSI: -41 Rx-Rate: 628.367M Tx-Rate: 866.7M Group-2 Avg: STA-RSSI: -60 Rx-Rate: 355.333M Tx-Rate: 808.9M
AC 5Ghz UL Groups 1-2	PASS	663	250	Requires: 250 Mbps Reported: 662.70 Mbps Group-1 Avg: STA-RSSI: -41 Rx-Rate: 626.2M Tx-Rate: 866.7M Group-2 Avg: STA-RSSI: -60 Rx-Rate: 416M Tx-Rate: 780M
AC 5Ghz DL Groups 1-3	FAIL	255	400	Requires: 400 Mbps Reported: 255.26 Mbps Group-1 Avg: STA-RSSI: -41 Rx-Rate: 628.367M Tx-Rate: 866.7M Group-2 Avg: STA-RSSI: -60 Rx-Rate: 355.333M Tx-Rate: 780M Group-3 Avg: STA-RSSI: -76 Rx-Rate: 34.567M Tx-Rate: 115.567M
AC 5Ghz UL Groups 1-3	PASS	641	200	Requires: 200 Mbps Reported: 640.90 Mbps Group-1 Avg: STA-RSSI: -41 Rx-Rate: 667.333M Tx-Rate: 866.7M Group-2 Avg: STA-RSSI: -60 Rx-Rate: 390M Tx-Rate: 780M Group-3 Avg: STA-RSSI: -76 Rx-Rate: 68.267M Tx-Rate: 99.033M
AX 2.4Ghz DL Group 1	PASS	202	140	Requires: 140 Mbps Reported: 202.27 Mbps Group-1 Avg: STA-RSSI: -35 Rx-Rate: 286.7M Tx-Rate: 281.4M
AX 2.4Ghz UL Group 1	PASS	175	140	Requires: 140 Mbps Reported: 175.37 Mbps Group-1 Avg: STA-RSSI: -34 Rx-Rate: 286.7M Tx-Rate: 281.4M
AX 2.4Ghz DL Groups 1-2	PASS	203	120	Requires: 120 Mbps Reported: 202.93 Mbps Group-1 Avg: STA-RSSI: -35 Rx-Rate: 286.7M Tx-Rate: 244.6M Group-2 Avg: STA-RSSI: -51 Rx-Rate: 286.7M Tx-Rate: 276.1M
				Requires: 120 Mbps Reported: 165.88 Mbps Group-1 Avg: STA-RSSI: -34 Rx-Rate: 286.7M Tx-Rate:

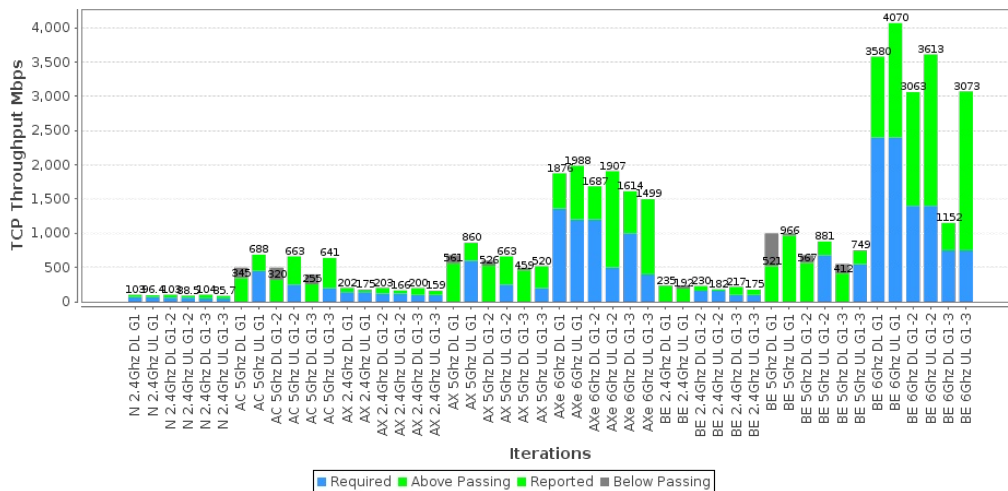
AX 2.4Ghz UL Groups 1-2	PASS	166	120	267.567M Group-2 Avg: STA-RSSI: -51 Rx-Rate: 191.467M Tx-Rate: 286.7M
AX 2.4Ghz DL Groups 1-3	PASS	200	100	Requires: 100 Mbps Reported: 199.97 Mbps Group-1 Avg: STA-RSSI: -35 Rx-Rate: 286.7M Tx-Rate: 281.4M Group-2 Avg: STA-RSSI: -51 Rx-Rate: 286.7M Tx-Rate: 276.1M Group-3 Avg: STA-RSSI: -65 Rx-Rate: 1M Tx-Rate: 7.3M
AX 2.4Ghz UL Groups 1-3	PASS	159	100	Requires: 100 Mbps Reported: 158.87 Mbps Group-1 Avg: STA-RSSI: -34 Rx-Rate: 286.7M Tx-Rate: 267.6M Group-2 Avg: STA-RSSI: -50 Rx-Rate: 286.7M Tx-Rate: 249.367M Group-3 Avg: STA-RSSI: -64 Rx-Rate: 128.067M Tx-Rate: 172M
AX 5Ghz DL Group 1	FAIL	561	680	Requires: 680 Mbps Reported: 560.55 Mbps Group-1 Avg: STA-RSSI: -41 Rx-Rate: 864.8M Tx-Rate: 1.201G
AX 5Ghz UL Group 1	PASS	860	600	Requires: 600 Mbps Reported: 859.86 Mbps Group-1 Avg: STA-RSSI: -42 Rx-Rate: 864.8M Tx-Rate: 1.156G
AX 5Ghz DL Groups 1-2	FAIL	526	600	Requires: 600 Mbps Reported: 526.00 Mbps Group-1 Avg: STA-RSSI: -41 Rx-Rate: 864.8M Tx-Rate: 1.201G Group-2 Avg: STA-RSSI: -60 Rx-Rate: 576.4M Tx-Rate: 588.533M
AX 5Ghz UL Groups 1-2	PASS	663	250	Requires: 250 Mbps Reported: 662.84 Mbps Group-1 Avg: STA-RSSI: -41 Rx-Rate: 864.8M Tx-Rate: 1.179G Group-2 Avg: STA-RSSI: -60 Rx-Rate: 528.367M Tx-Rate: 848.767M
AX 5Ghz DL Groups 1-3	FAIL	459	500	Requires: 500 Mbps Reported: 459.20 Mbps Group-1 Avg: STA-RSSI: -41 Rx-Rate: 864.8M Tx-Rate: 1.201G Group-2 Avg: STA-RSSI: -60 Rx-Rate: 600.433M Tx-Rate: 864.8M Group-3 Avg: STA-RSSI: -76 Rx-Rate: 70.933M Tx-Rate: 55.467M
AX 5Ghz UL Groups 1-3	PASS	520	200	Requires: 200 Mbps Reported: 520.19 Mbps Group-1 Avg: STA-RSSI: -41 Rx-Rate: 864.8M Tx-Rate: 1.201G Group-2 Avg: STA-RSSI: -60 Rx-Rate: 528.367M Tx-Rate: 864.8M Group-3 Avg: STA-RSSI: -77 Rx-Rate: 72M Tx-Rate: 216.1M
AXe 6Ghz DL Group 1	PASS	1,876	1,360	Requires: 1360 Mbps Reported: 1,875.94 Mbps Group-1 Avg: STA-RSSI: -36 Rx-Rate: 2.402G Tx-Rate: 2.402G
AXe 6Ghz UL Group 1	PASS	1,988	1,200	Requires: 1200 Mbps Reported: 1,988.08 Mbps Group-1 Avg: STA-RSSI: -36 Rx-Rate: 2.402G Tx-Rate: 2.402G
AXe 6Ghz DL Groups 1-2	PASS	1,687	1,200	Requires: 1200 Mbps Reported: 1,686.59 Mbps Group-1 Avg: STA-RSSI: -36 Rx-Rate: 2.402G Tx-Rate: 2.402G Group-2 Avg: STA-RSSI: -55 Rx-Rate: 1.921G Tx-Rate: 1.441G
AXe 6Ghz UL Groups 1-2	PASS	1,907	500	Requires: 500 Mbps Reported: 1,907.40 Mbps Group-1 Avg: STA-RSSI: -36 Rx-Rate: 2.402G Tx-Rate: 2.402G Group-2 Avg: STA-RSSI: -55 Rx-Rate: 1.921G Tx-Rate: 1.369G
AXe 6Ghz DL Groups 1-3	PASS	1,614	1,000	Requires: 1000 Mbps Reported: 1,614.09 Mbps Group-1 Avg: STA-RSSI: -36 Rx-Rate: 2.402G Tx-Rate: 2.402G Group-2 Avg: STA-RSSI: -55 Rx-Rate: 1.921G Tx-Rate: 1.388G Group-3 Avg: STA-RSSI: -65 Rx-Rate: 672.467M Tx-Rate: 32.333M
AXe 6Ghz UL Groups 1-3	PASS	1,499	400	Requires: 400 Mbps Reported: 1,499.35 Mbps Group-1 Avg: STA-RSSI: -36 Rx-Rate: 2.402G Tx-Rate: 2.402G Group-2 Avg: STA-RSSI: -55 Rx-Rate: 1.219G Tx-Rate: 936.167M Group-3 Avg: STA-RSSI: -68 Rx-Rate: 293.067M Tx-Rate: 107.8M
BE 2.4Ghz DL Group 1	FAIL	235	240	Requires: 240 Mbps Reported: 235.32 Mbps Group-1 Avg: STA-RSSI: -36 Rx-Rate: 344.1M Tx-Rate: 332.6M

BE 2.4Ghz UL Group 1	FAIL	192	240	Requires: 240 Mbps Reported: 191.61 Mbps Group-1 Avg: STA-RSSI: -35 Rx-Rate: 332.6M Tx-Rate: 344.1M
BE 2.4Ghz DL Groups 1-2	PASS	230	160	Requires: 160 Mbps Reported: 230.44 Mbps Group-1 Avg: STA-RSSI: -36 Rx-Rate: 344.1M Tx-Rate: 294.367M Group-2 Avg: STA-RSSI: -52 Rx-Rate: 344.1M Tx-Rate: 309.6M
BE 2.4Ghz UL Groups 1-2	PASS	182	160	Requires: 160 Mbps Reported: 181.52 Mbps Group-1 Avg: STA-RSSI: -35 Rx-Rate: 332.6M Tx-Rate: 344.1M Group-2 Avg: STA-RSSI: -51 Rx-Rate: 332.6M Tx-Rate: 236.967M
BE 2.4Ghz DL Groups 1-3	PASS	217	100	Requires: 100 Mbps Reported: 217.35 Mbps Group-1 Avg: STA-RSSI: -35 Rx-Rate: 324.967M Tx-Rate: 321.1M Group-2 Avg: STA-RSSI: -52 Rx-Rate: 344.1M Tx-Rate: 292.4M Group-3 Avg: STA-RSSI: -64 Rx-Rate: 183.5M Tx-Rate: 51.6M
BE 2.4Ghz UL Groups 1-3	PASS	175	100	Requires: 100 Mbps Reported: 175.47 Mbps Group-1 Avg: STA-RSSI: -35 Rx-Rate: 321.1M Tx-Rate: 305.867M Group-2 Avg: STA-RSSI: -51 Rx-Rate: 321.1M Tx-Rate: 301.967M Group-3 Avg: STA-RSSI: -63 Rx-Rate: 185.4M Tx-Rate: 88.867M
BE 5Ghz DL Group 1	FAIL	521	1,000	Requires: 1000 Mbps Reported: 520.87 Mbps Group-1 Avg: STA-RSSI: -43 Rx-Rate: 816.733M Tx-Rate: 1.201G
BE 5Ghz UL Group 1	FAIL	966	1,000	Requires: 1000 Mbps Reported: 966.44 Mbps Group-1 Avg: STA-RSSI: -41 Rx-Rate: 864.8M Tx-Rate: 1.201G
BE 5Ghz DL Groups 1-2	FAIL	567	680	Requires: 680 Mbps Reported: 566.82 Mbps Group-1 Avg: STA-RSSI: -43 Rx-Rate: 736.633M Tx-Rate: 1.201G Group-2 Avg: STA-RSSI: -61 Rx-Rate: 360.233M Tx-Rate: 896.767M
BE 5Ghz UL Groups 1-2	PASS	881	680	Requires: 680 Mbps Reported: 880.59 Mbps Group-1 Avg: STA-RSSI: -41 Rx-Rate: 816.733M Tx-Rate: 1.201G Group-2 Avg: STA-RSSI: -60 Rx-Rate: 528.367M Tx-Rate: 864.8M
BE 5Ghz DL Groups 1-3	FAIL	412	550	Requires: 550 Mbps Reported: 412.18 Mbps Group-1 Avg: STA-RSSI: -42 Rx-Rate: 864.8M Tx-Rate: 1.201G Group-2 Avg: STA-RSSI: -61 Rx-Rate: 288.2M Tx-Rate: 864.8M Group-3 Avg: STA-RSSI: -74 Rx-Rate: 63.067M Tx-Rate: 9.733M
BE 5Ghz UL Groups 1-3	PASS	749	550	Requires: 550 Mbps Reported: 748.67 Mbps Group-1 Avg: STA-RSSI: -41 Rx-Rate: 616.467M Tx-Rate: 1.201G Group-2 Avg: STA-RSSI: -59 Rx-Rate: 432.333M Tx-Rate: 864.8M Group-3 Avg: STA-RSSI: -75 Rx-Rate: 80.267M Tx-Rate: 26.333M
BE 6Ghz DL Group 1	PASS	3,580	2,400	Requires: 2400 Mbps Reported: 3,580.28 Mbps Group-1 Avg: STA-RSSI: -37 Rx-Rate: 5.187G Tx-Rate: 5.765G
BE 6Ghz UL Group 1	PASS	4,070	2,400	Requires: 2400 Mbps Reported: 4,070.04 Mbps Group-1 Avg: STA-RSSI: -37 Rx-Rate: 5.187G Tx-Rate: 5.187G
BE 6Ghz DL Groups 1-2	PASS	3,063	1,400	Requires: 1400 Mbps Reported: 3,063.32 Mbps Group-1 Avg: STA-RSSI: -38 Rx-Rate: 5.187G Tx-Rate: 5.252G Group-2 Avg: STA-RSSI: -53 Rx-Rate: 2.979G Tx-Rate: 1.97G
BE 6Ghz UL Groups 1-2	PASS	3,613	1,400	Requires: 1400 Mbps Reported: 3,613.09 Mbps Group-1 Avg: STA-RSSI: -37 Rx-Rate: 5.187G Tx-Rate: 5.187G Group-2 Avg: STA-RSSI: -52 Rx-Rate: 3.075G Tx-Rate: 2.786G
BE 6Ghz DL Groups				Requires: 750 Mbps Reported: 1,152.32 Mbps Group-1 Avg: STA-RSSI: -38 Rx-Rate: 5.187G Tx-Rate: 5.765G

1-3	PASS	1,152	750	Group-2 Avg: STA-RSSI: -54 Rx-Rate: 1.345G Tx-Rate: 332.633M Group-3 Avg: STA-RSSI: -62 Rx-Rate: 1.153G Tx-Rate: 57.333M
BE 6Ghz UL Groups 1-3	PASS	3,073	750	Requires: 750 Mbps Reported: 3,073.23 Mbps Group-1 Avg: STA-RSSI: -37 Rx-Rate: 4.932G Tx-Rate: 5.187G Group-2 Avg: STA-RSSI: -53 Rx-Rate: 1.924G Tx-Rate: 974.333M Group-3 Avg: STA-RSSI: -63 Rx-Rate: 389.167M Tx-Rate: 33.533M

[CSV Data for 6.4.1 Multiple STAs Performance Test](#)

6.4.1 Multiple STAs Performance Test



[Collected CSV Data: CSV: 6.4.1 Multiple STAs Performance Test 2.4Ghz N Run #0 DL](#)

Multi_Sta: Run #0 DL Snapshot 2.4Ghz N

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
1.4.14 wlan0	305.771 Kbps	24.071 Mbps	2.433	144.4 Mbps	144.4 Mbps	802.11bgn 20 2x2	6	1,540	-32	40:ED:00:14:F5:F2	192.168.0.104	e4:60:17:65:83:8f
1.4.15 wlan1	331.587 Kbps	22.394 Mbps	2.375	144.4 Mbps	144.4 Mbps	802.11bgn 20 2x2	6	1,568	-32	40:ED:00:14:F5:F2	192.168.0.101	e4:60:17:65:82:db
1.4.16 wlan2	323.306 Kbps	23.816 Mbps	3.848	144.4 Mbps	144.4 Mbps	802.11bgn 20 2x2	6	1,548	-33	40:ED:00:14:F5:F2	192.168.0.116	e4:60:17:65:82:ea

Port	Tx-Bps 1m	Rx-Bps 1m	Link-Rate	IP	MAC
1.3.2 eth2	92.936 Mbps	989.015 Kbps	10 Gbps	192.168.0.56	9c:69:b4:63:76:c4

Endpoint	Tx-Bps 1m	Rx-Bps 1m	TxPkts	RxPkts	RX Latency (ms)	Round-Trip Latency (ms)	Jitter	Rx Packet Loss %	Rx OOO %
cv_tcp-3.2-4.wlan0--1.0.0-A	0 bps	34.534 Mbps	0	4012	12,296	12,296	721	0	0
cv_tcp-3.2-4.wlan0--1.0.0-B	34.577 Mbps	0 bps	3970	0	0	12,296	0	0	0
cv_tcp-3.2-4.wlan1--1.0.5-A	0 bps	33.58 Mbps	0	3812	11,235	11,235	4,841	1,115	0
cv_tcp-3.2-4.wlan1--1.0.5-B	33.875 Mbps	0 bps	3855	0	0	11,235	0	0	0
cv_tcp-3.2-4.wlan2--1.0.10-A	0 bps	34.84 Mbps	0	4051	11,674	11,674	758	0	0
cv_tcp-3.2-4.wlan2--1.0.10-B	34.918 Mbps	0 bps	3975	0	0	11,674	0	0	0

[Collected CSV Data: CSV: 6.4.1 Multiple STAs Performance Test 2.4Ghz N Run #0 UL](#)

Multi_Sta: Run #0 UL Snapshot 2.4Ghz N

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
1.4.14						802.11bgn						

wlan0	19.459 Mbps	14.584 Mbps	3.408	144.4 Mbps	144.4 Mbps	20 2x2	6	1,540	-31	40:ED:00:14:F5:F2	192.168.0.104	e4:60:17:65:83:8f
1.4.15 wlan1	19.656 Mbps	15.063 Mbps	5.027	144.4 Mbps	144.4 Mbps	802.11bgn 20 2x2	6	1,568	-32	40:ED:00:14:F5:F2	192.168.0.101	e4:60:17:65:82:db
1.4.16 wlan2	19.079 Mbps	14.742 Mbps	4.631	144.4 Mbps	144.4 Mbps	802.11bgn 20 2x2	6	1,548	-31	40:ED:00:14:F5:F2	192.168.0.116	e4:60:17:65:82:ea

Port	Tx-Bps 1m	Rx-Bps 1m	Link-Rate	IP	MAC
1.3.2 eth2	27.533 Mbps	74.67 Mbps	10 Gbps	192.168.0.56	9c:69:b4:63:76:c4

Endpoint	Tx-Bps 1m	Rx-Bps 1m	TxPkts	RxPkts	RX Latency (ms)	Round-Trip Latency (ms)	Jitter	Rx Packet Loss %	Rx OOO %
cv_tcp-3.2-4.wlan0--1.0.0-A	31.029 Mbps	0 bps	3580	0	0	2.565	0	0	0
cv_tcp-3.2-4.wlan0--1.0.0-B	0 bps	30.966 Mbps	0	3583	2.565	2.565	547	0	0
cv_tcp-3.2-4.wlan1--1.0.5-A	33.196 Mbps	0 bps	3885	0	0	1.167	0	0	0
cv_tcp-3.2-4.wlan1--1.0.5-B	0 bps	33.343 Mbps	0	3804	1.167	1.167	216	0	0
cv_tcp-3.2-4.wlan2--1.0.10-A	32.076 Mbps	0 bps	3684	0	0	2.979	0	0	0
cv_tcp-3.2-4.wlan2--1.0.10-B	0 bps	31.907 Mbps	0	3650	2.979	2.979	627	0.109	0

Collected CSV Data: CSV: 6.4.1 Multiple STAs Performance Test 2.4Ghz N Run #1 DL

Multi_Sta: Run #1 DL Snapshot 2.4Ghz N

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
1.4.14 wlan0	13.366 Mbps	12.034 Mbps	3.176	144.4 Mbps	144.4 Mbps	802.11bgn 20 2x2	6	1,540	-32	40:ED:00:14:F5:F2	192.168.0.104	e4:60:17:65:83:8f
1.4.15 wlan1	14.929 Mbps	12.186 Mbps	4.948	144.4 Mbps	144.4 Mbps	802.11bgn 20 2x2	6	1,568	-32	40:ED:00:14:F5:F2	192.168.0.101	e4:60:17:65:82:db
1.4.16 wlan2	13.246 Mbps	12.265 Mbps	4.214	144.4 Mbps	144.4 Mbps	802.11bgn 20 2x2	6	1,548	-32	40:ED:00:14:F5:F2	192.168.0.116	e4:60:17:65:82:ea
1.4.17 wlan4	157.882 Kbps	9.168 Mbps	13.393	144.4 Mbps	144.4 Mbps	802.11bgn 20 2x2	6	793	-49	40:ED:00:14:F5:F2	192.168.0.63	e4:60:17:66:21:5f
1.4.18 wlan5	119.605 Kbps	7.034 Mbps	10.62	130 Mbps	144.4 Mbps	802.11bgn 20 2x2	6	76	-49	40:ED:00:14:F5:F2	192.168.0.169	e4:60:17:65:83:d0
1.4.19 wlan6	180.076 Kbps	9.422 Mbps	11.425	144.4 Mbps	144.4 Mbps	802.11bgn 20 2x2	6	128	-49	40:ED:00:14:F5:F2	192.168.0.221	e4:60:17:65:83:08

Port	Tx-Bps 1m	Rx-Bps 1m	Link-Rate	IP	MAC
1.3.2 eth2	76.578 Mbps	32.375 Mbps	10 Gbps	192.168.0.56	9c:69:b4:63:76:c4

Endpoint	Tx-Bps 1m	Rx-Bps 1m	TxPkts	RxPkts	RX Latency (ms)	Round-Trip Latency (ms)	Jitter	Rx Packet Loss %	Rx OOO %
cv_tcp-3.2-4.wlan0--1.0.0-A	0 bps	19.161 Mbps	0	2204	20.219	20.219	442	0	0
cv_tcp-3.2-4.wlan0--1.0.0-B	19.382 Mbps	0 bps	2225	0	0	20.219	0	0	0
cv_tcp-3.2-4.wlan1--1.0.5-A	0 bps	19.952 Mbps	0	2271	19.661	19.661	8.006	0	0
cv_tcp-3.2-4.wlan1--1.0.5-B	20.187 Mbps	0 bps	2300	0	0	19.661	0	0	0
cv_tcp-3.2-4.wlan2--1.0.10-A	0 bps	19.819 Mbps	0	2294	19.272	19.272	4.025	0	0
cv_tcp-3.2-4.wlan2--1.0.10-B	19.704 Mbps	0 bps	2275	0	0	19.272	0	0	0
cv_tcp-3.2-4.wlan4--1.0.15-A	0 bps	15.057 Mbps	0	1719	30.674	30.674	11.669	13.401	0
cv_tcp-3.2-4.wlan4--1.0.15-B	17.422 Mbps	0 bps	1985	0	0	30.674	0	0	0
cv_tcp-3.2-4.wlan5--1.0.20-A	0 bps	13.75 Mbps	0	1602	26.886	26.886	8.306	16.038	0
cv_tcp-3.2-4.wlan5--1.0.20-B	15.549 Mbps	0 bps	1908	0	0	26.886	0	0	0
cv_tcp-3.2-4.wlan6--1.0.25-A	0 bps	16.703 Mbps	0	1895	27.166	27.166	1.210	3.316	0
cv_tcp-3.2-4.wlan6--1.0.25-B	16.825 Mbps	0 bps	1960	0	0	27.166	0	0	0

Collected CSV Data: CSV: 6.4.1 Multiple STAs Performance Test 2.4Ghz N Run #1 UL

Multi_Sta: Run #1 UL Snapshot 2.4Ghz N

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
1.4.14 wlan0	11.58 Mbps	9.727 Mbps	3.355	144.4 Mbps	144.4 Mbps	802.11bgn 20 2x2	6	1,540	-31	40:ED:00:14:F5:F2	192.168.0.104	e4:60:17:65:83:8f
1.4.15 wlan1	31.45 Mbps	599.973 Kbps	14.116	144.4 Mbps	144.4 Mbps	802.11bgn 20 2x2	6	1,568	-32	40:ED:00:14:F5:F2	192.168.0.101	e4:60:17:65:82:db
1.4.16 wlan2	24.369 Mbps	485.621 Kbps	4.199	144.4 Mbps	144.4 Mbps	802.11bgn 20 2x2	6	1,548	-31	40:ED:00:14:F5:F2	192.168.0.116	e4:60:17:65:82:ea

1.4.17 wlan4	3.911 Mbps	6.998 Mbps	17.075	144.4 Mbps	144.4 Mbps	802.11bgn 20 2x2	6	793	-48	40:ED:00:14:F5:F2	192.168.0.63	e4:60:17:66:21:5f
1.4.18 wlan5	916.16 Kbps	27.169 Kbps	11.892	117 Mbps	144.4 Mbps	802.11bgn 20 2x2	6	76	-49	40:ED:00:14:F5:F2	192.168.0.169	e4:60:17:65:83:d0
1.4.19 wlan6	3.189 Mbps	7.33 Mbps	11.731	144.4 Mbps	144.4 Mbps	802.11bgn 20 2x2	6	128	-49	40:ED:00:14:F5:F2	192.168.0.221	e4:60:17:65:83:08

Port	Tx-Bps 1m	Rx-Bps 1m	Link-Rate	IP	MAC
1.3.2 eth2	43.038 Mbps	56.351 Mbps	10 Gbps	192.168.0.56	9c:c69:b4:63:76:c4

Endpoint	Tx-Bps 1m	Rx-Bps 1m	TxPkts	RxPkts	RX Latency (ms)	Round-Trip Latency (ms)	Jitter	Rx Packet Loss %	Rx OOO %
cv_tcp-3.2-4.wlan0--1.0.0-A	22.02 Mbps	0 bps	2565	0	0	4,475	0	0	0
cv_tcp-3.2-4.wlan0--1.0.0-B	0 bps	22.022 Mbps	0	2557	4,475	4,475	1,743	0.312	0
cv_tcp-3.2-4.wlan1--1.0.5-A	30.157 Mbps	0 bps	3500	0	0	1,967	0	0	0
cv_tcp-3.2-4.wlan1--1.0.5-B	0 bps	30.257 Mbps	0	3526	1,967	1,967	836	0	0
cv_tcp-3.2-4.wlan2--1.0.10-A	24.14 Mbps	0 bps	2771	0	0	2,979	0	0	0
cv_tcp-3.2-4.wlan2--1.0.10-B	0 bps	24.032 Mbps	0	2767	2,979	2,979	848	0.144	0
cv_tcp-3.2-4.wlan4--1.0.15-A	6.85 Mbps	0 bps	786	0	0	6,478	0	0	0
cv_tcp-3.2-4.wlan4--1.0.15-B	0 bps	6.819 Mbps	0	776	6,478	6,478	2,116	0	0
cv_tcp-3.2-4.wlan5--1.0.20-A	958.172 Kbps	0 bps	113	0	0	43,920	0	0	0
cv_tcp-3.2-4.wlan5--1.0.20-B	0 bps	811.632 Kbps	0	93	43,920	43,920	14,439	0	0
cv_tcp-3.2-4.wlan6--1.0.25-A	4.641 Mbps	0 bps	561	0	0	8,945	0	0	0
cv_tcp-3.2-4.wlan6--1.0.25-B	0 bps	4.952 Mbps	0	560	8,945	8,945	2,046	0	0

Collected CSV Data: CSV: 6.4.1 Multiple STAs Performance Test 2.4Ghz N Run #2 DL

Multi_Sta: Run #2 DL Snapshot 2.4Ghz N

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
1.4.14 wlan0	269.927 Kbps	19.385 Mbps	3.158	144.4 Mbps	144.4 Mbps	802.11bgn 20 2x2	6	1,540	-32	40:ED:00:14:F5:F2	192.168.0.104	e4:60:17:65:83:8f
1.4.15 wlan1	899.867 Kbps	19.147 Mbps	12.777	144.4 Mbps	144.4 Mbps	802.11bgn 20 2x2	6	1,568	-32	40:ED:00:14:F5:F2	192.168.0.101	e4:60:17:65:82:db
1.4.16 wlan2	552.193 Kbps	19.245 Mbps	3.959	144.4 Mbps	144.4 Mbps	802.11bgn 20 2x2	6	1,548	-32	40:ED:00:14:F5:F2	192.168.0.116	e4:60:17:65:82:ea
1.4.17 wlan4	249.335 Kbps	13.991 Mbps	16.273	130 Mbps	144.4 Mbps	802.11bgn 20 2x2	6	793	-49	40:ED:00:14:F5:F2	192.168.0.63	e4:60:17:66:21:5f
1.4.18 wlan5	469.677 Kbps	13.905 Mbps	12.841	130 Mbps	144.4 Mbps	802.11bgn 20 2x2	6	76	-49	40:ED:00:14:F5:F2	192.168.0.169	e4:60:17:65:83:d0
1.4.19 wlan6	319.39 Kbps	17.833 Mbps	13.156	130 Mbps	144.4 Mbps	802.11bgn 20 2x2	6	128	-49	40:ED:00:14:F5:F2	192.168.0.221	e4:60:17:65:83:08
1.4.20 wlan8	1.568 Kbps	37.814 Kbps	19.907	6.5 Mbps	72.2 Mbps	802.11bgn 20 2x2	6	132	-63	40:ED:00:14:F5:F2	192.168.0.58	e4:60:17:66:21:5a
1.4.21 wlan9	1.511 Kbps	26.344 Kbps	13.904	6.5 Mbps	52 Mbps	802.11bgn 20 2x2	6	77	-62	40:ED:00:14:F5:F2	192.168.0.129	e4:60:17:64:eb:cd
1.4.22 wlan10	1.941 Kbps	30.178 Kbps	14.76	6.5 Mbps	117 Mbps	802.11bgn 20 2x2	6	72	-63	40:ED:00:14:F5:F2	192.168.0.98	e4:60:17:65:85:e7

Port	Tx-Bps 1m	Rx-Bps 1m	Link-Rate	IP	MAC
1.3.2 eth2	110.007 Mbps	1.378 Mbps	10 Gbps	192.168.0.56	9c:c69:b4:63:76:c4

Endpoint	Tx-Bps 1m	Rx-Bps 1m	TxPkts	RxPkts	RX Latency (ms)	Round-Trip Latency (ms)	Jitter	Rx Packet Loss %	Rx OOO %
cv_tcp-3.2-4.wlan0--1.0.0-A	0 bps	18.906 Mbps	0	2206	22,054	22,054	3,058	0	0
cv_tcp-3.2-4.wlan0--1.0.0-B	19.071 Mbps	0 bps	2195	0	0	22,054	0	0	0
cv_tcp-3.2-4.wlan1--1.0.5-A	0 bps	19.159 Mbps	0	2232	21,926	21,926	7,649	0	0
cv_tcp-3.2-4.wlan1--1.0.5-B	19.6 Mbps	0 bps	2265	0	0	21,926	0	0	0
cv_tcp-3.2-4.wlan2--1.0.10-A	0 bps	18.851 Mbps	0	2194	20,858	20,858	5,548	2.467	0
cv_tcp-3.2-4.wlan2--1.0.10-B	19.115 Mbps	0 bps	2270	0	0	20,858	0	0	0
cv_tcp-3.2-4.wlan4--1.0.15-A	0 bps	14.611 Mbps	0	1660	31,598	31,598	1,981	0.587	0
cv_tcp-3.2-4.wlan4--1.0.15-B	14.931 Mbps	0 bps	1705	0	0	31,598	0	0	0
cv_tcp-3.2-4.wlan5--1.0.20-A	0 bps	14.537 Mbps	0	1709	32,891	32,891	4,887	20.139	0
cv_tcp-3.2-4.wlan5--1.0.20-B	15.856 Mbps	0 bps	2165	0	0	32,891	0	0	0
cv_tcp-3.2-4.wlan6--1.0.25-A	0 bps	17.907 Mbps	0	2064	27,493	27,493	14,105	0.769	0
cv_tcp-3.2-4.wlan6--1.0.25-B	18.102 Mbps	0 bps	2080	0	0	27,493	0	0	0

cv_tcp-3.2-4.wlan8--1.0.30-A	0 bps	39.908 Kbps	0	0	0	0	0	100.000	0
cv_tcp-3.2-4.wlan8--1.0.30-B	167.601 Kbps	0 bps	17	0	0	0	0	0	0
cv_tcp-3.2-4.wlan9--1.0.35-A	0 bps	24.239 Kbps	0	0	0	0	0	100.000	0
cv_tcp-3.2-4.wlan9--1.0.35-B	106.673 Kbps	0 bps	11	0	0	0	0	0	0
cv_tcp-3.2-4.wlan10--1.0.40-A	0 bps	31.439 Kbps	0	0	0	0	0	100.000	0
cv_tcp-3.2-4.wlan10--1.0.40-B	138.576 Kbps	0 bps	14	0	0	0	0	0	0

[Collected CSV Data: CSV: 6.4.1 Multiple STAs Performance Test 2.4Ghz N Run #2 UL](#)

Multi_Sta: Run #2 UL Snapshot 2.4Ghz N

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
1.4.14 wlan0	18.286 Mbps	2.685 Mbps	3.359	144.4 Mbps	130 Mbps	802.11bgn 20 2x2	6	1,540	-30	40:ED:00:14:F5:F2	192.168.0.104	e4:60:17:65:83:8f
1.4.15 wlan1	24.481 Mbps	3.196 Mbps	15.198	144.4 Mbps	144.4 Mbps	802.11bgn 20 2x2	6	1,568	-32	40:ED:00:14:F5:F2	192.168.0.101	e4:60:17:65:82:db
1.4.16 wlan2	23.696 Mbps	3.134 Mbps	3.945	144.4 Mbps	144.4 Mbps	802.11bgn 20 2x2	6	1,548	-31	40:ED:00:14:F5:F2	192.168.0.116	e4:60:17:65:82:ea
1.4.17 wlan4	2.379 Mbps	1.72 Mbps	16.486	144.4 Mbps	144.4 Mbps	802.11bgn 20 2x2	6	793	-48	40:ED:00:14:F5:F2	192.168.0.63	e4:60:17:66:21:5f
1.4.18 wlan5	6.332 Mbps	1.919 Mbps	14.089	144.4 Mbps	144.4 Mbps	802.11bgn 20 2x2	6	76	-48	40:ED:00:14:F5:F2	192.168.0.169	e4:60:17:65:83:d0
1.4.19 wlan6	850.055 Kbps	1.532 Mbps	12.801	130 Mbps	144.4 Mbps	802.11bgn 20 2x2	6	128	-49	40:ED:00:14:F5:F2	192.168.0.221	e4:60:17:65:83:08
1.4.20 wlan8	2.799 Kbps	31.023 Kbps	17.508	6.5 Mbps	1 Mbps	802.11bgn 20 2x2	6	132	-63	40:ED:00:14:F5:F2	192.168.0.58	e4:60:17:66:21:5a
1.4.21 wlan9	604.361 Kbps	38.425 Kbps	4.447	65 Mbps	130 Mbps	802.11bgn 20 2x2	6	77	-62	40:ED:00:14:F5:F2	192.168.0.129	e4:60:17:64:eb:cd
1.4.22 wlan10	449.829 Kbps	47.855 Kbps	2.712	65 Mbps	117 Mbps	802.11bgn 20 2x2	6	72	-62	40:ED:00:14:F5:F2	192.168.0.98	e4:60:17:65:85:e7

Port	Tx-Bps 1m	Rx-Bps 1m	Link-Rate	IP	MAC
1.3.2 eth2	9.692 Mbps	81.929 Mbps	10 Gbps	192.168.0.56	9c:69:b4:63:76:c4

Endpoint	Tx-Bps 1m	Rx-Bps 1m	TxPkts	RxPkts	RX Latency (ms)	Round-Trip Latency (ms)	Jitter	Rx Packet Loss %	Rx OOO %
cv_tcp-3.2-4.wlan0--1.0.0-A	20.954 Mbps	0 bps	2448	0	0	3,137	0	0	0
cv_tcp-3.2-4.wlan0--1.0.0-B	0 bps	20.706 Mbps	0	2386	3,137	3,137	1,454	0	0
cv_tcp-3.2-4.wlan1--1.0.5-A	27.028 Mbps	0 bps	3305	0	0	2,229	0	0	0
cv_tcp-3.2-4.wlan1--1.0.5-B	0 bps	27.036 Mbps	0	3305	2,229	2,229	566	0	0
cv_tcp-3.2-4.wlan2--1.0.10-A	28.071 Mbps	0 bps	3276	0	0	3,524	0	0	0
cv_tcp-3.2-4.wlan2--1.0.10-B	0 bps	27.983 Mbps	0	3266	3,524	3,524	1,637	0	0
cv_tcp-3.2-4.wlan4--1.0.15-A	540.412 Kbps	0 bps	120	0	0	6,431	0	0	0
cv_tcp-3.2-4.wlan4--1.0.15-B	0 bps	545.837 Kbps	0	125	6,431	6,431	2,107	0	0
cv_tcp-3.2-4.wlan5--1.0.20-A	7.227 Mbps	0 bps	834	0	0	7,091	0	0	0
cv_tcp-3.2-4.wlan5--1.0.20-B	0 bps	7.242 Mbps	0	837	7,091	7,091	1,738	0	0
cv_tcp-3.2-4.wlan6--1.0.25-A	597.138 Kbps	0 bps	77	0	0	37,390	0	0	0
cv_tcp-3.2-4.wlan6--1.0.25-B	0 bps	633.551 Kbps	0	72	37,390	37,390	4,449	0	0
cv_tcp-3.2-4.wlan8--1.0.30-A	0 bps	0 bps	0	0	0	0	0	0	0
cv_tcp-3.2-4.wlan8--1.0.30-B	0 bps	0 bps	0	0	0	0	0	0	0
cv_tcp-3.2-4.wlan9--1.0.35-A	1.647 Mbps	0 bps	184	0	0	23,959	0	0	0
cv_tcp-3.2-4.wlan9--1.0.35-B	0 bps	875.85 Kbps	0	94	23,959	23,959	4,074	48.913	0
cv_tcp-3.2-4.wlan10--1.0.40-A	1.47 Mbps	0 bps	164	0	0	12,098	0	0	0
cv_tcp-3.2-4.wlan10--1.0.40-B	0 bps	707.975 Kbps	0	75	12,098	12,098	2,025	54.268	0

[Collected CSV Data: CSV: 6.4.1 Multiple STAs Performance Test 5Ghz AC Run #0 DL](#)

Multi_Sta: Run #0 DL Snapshot 5Ghz AC

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
1.4.14	445.722 Kbps	77.729 Mbps	4.566	234 Mbps	650 Mbps	802.11ac-AC 80	36	1,535	-41	40:ED:00:14:F5:F3	192.168.0.104	e4:60:17:65:83:8f

wlan0						2x2						
1.4.15 wlan1	399.737 Kbps	58.557 Mbps	5.826	866.7 Mbps	650 Mbps	802.11an- AC 80 2x2	36	1,427	-42	40:ED:00:14:F5:F3	192.168.0.101	e4:60:17:65:82:db
1.4.16 wlan2	447.238 Kbps	63.154 Mbps	4.884	866.7 Mbps	650 Mbps	802.11an- AC 80 2x2	36	109	-42	40:ED:00:14:F5:F3	192.168.0.116	e4:60:17:65:82:ea

Port	Tx-Bps 1m	Rx-Bps 1m	Link-Rate	IP	MAC
1.3.2 eth2	274.104 Mbps	1.438 Mbps	10 Gbps	192.168.0.56	9c:69:b4:63:76:c4

Endpoint	Tx-Bps 1m	Rx-Bps 1m	TxPkts	RxPkts	RX Latency (ms)	Round-Trip Latency (ms)	Jitter	Rx Packet Loss %	Rx OOO %
cv_tcp-3.2-4.wlan0--1.0.0-A	0 bps	133.345 Mbps	0	15409	3,044	3,044	4,608	0	0
cv_tcp-3.2-4.wlan0--1.0.0-B	133.947 Mbps	0 bps	15290	0	0	3,044	0	0	0
cv_tcp-3.2-4.wlan1--1.0.5-A	0 bps	105.11 Mbps	0	12112	1,931	1,931	3,082	0	0
cv_tcp-3.2-4.wlan1--1.0.5-B	104.634 Mbps	0 bps	11960	0	0	1,931	0	0	0
cv_tcp-3.2-4.wlan2--1.0.10-A	0 bps	107.925 Mbps	0	12479	2,498	2,498	1,010	0	0
cv_tcp-3.2-4.wlan2--1.0.10-B	107.212 Mbps	0 bps	12287	0	0	2,498	0	0	0

[Collected CSV Data: CSV: 6.4.1 Multiple STAs Performance Test 5Ghz AC Run #0 UL](#)

Multi_Sta: Run #0 UL Snapshot 5Ghz AC

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
1.4.14 wlan0	125.248 Mbps	65.625 Mbps	5.441	866.7 Mbps	650 Mbps	802.11an- AC 80 2x2	36	1,535	-41	40:ED:00:14:F5:F3	192.168.0.104	e4:60:17:65:83:8f
1.4.15 wlan1	118.918 Mbps	50.186 Mbps	4.371	866.7 Mbps	520 Mbps	802.11an- AC 80 2x2	36	1,427	-42	40:ED:00:14:F5:F3	192.168.0.101	e4:60:17:65:82:db
1.4.16 wlan2	118.335 Mbps	54.707 Mbps	5.961	866.7 Mbps	650 Mbps	802.11an- AC 80 2x2	36	109	-42	40:ED:00:14:F5:F3	192.168.0.116	e4:60:17:65:82:ea

Port	Tx-Bps 1m	Rx-Bps 1m	Link-Rate	IP	MAC
1.3.2 eth2	113.375 Mbps	505.398 Mbps	10 Gbps	192.168.0.56	9c:69:b4:63:76:c4

Endpoint	Tx-Bps 1m	Rx-Bps 1m	TxPkts	RxPkts	RX Latency (ms)	Round-Trip Latency (ms)	Jitter	Rx Packet Loss %	Rx OOO %
cv_tcp-3.2-4.wlan0--1.0.0-A	245.515 Mbps	0 bps	28320	0	0	1,018	0	0	0
cv_tcp-3.2-4.wlan0--1.0.0-B	0 bps	243.913 Mbps	0	28139	1,018	1,018	322	0	0
cv_tcp-3.2-4.wlan1--1.0.5-A	222.28 Mbps	0 bps	25360	0	0	2,475	0	0	0
cv_tcp-3.2-4.wlan1--1.0.5-B	0 bps	221.491 Mbps	0	25257	2,475	2,475	2,154	0	0
cv_tcp-3.2-4.wlan2--1.0.10-A	220.621 Mbps	0 bps	25820	0	0	2,111	0	0	0
cv_tcp-3.2-4.wlan2--1.0.10-B	0 bps	223.243 Mbps	0	25705	2,111	2,111	1,329	0	0

[Collected CSV Data: CSV: 6.4.1 Multiple STAs Performance Test 5Ghz AC Run #1 DL](#)

Multi_Sta: Run #1 DL Snapshot 5Ghz AC

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
1.4.14 wlan0	512.472 Kbps	71.41 Mbps	5.331	866.7 Mbps	585.1 Mbps	802.11an- AC 80 2x2	36	1,535	-41	40:ED:00:14:F5:F3	192.168.0.104	e4:60:17:65:83:8f
1.4.15 wlan1	529.274 Kbps	73.005 Mbps	4.649	866.7 Mbps	650 Mbps	802.11an- AC 80 2x2	36	1,427	-42	40:ED:00:14:F5:F3	192.168.0.101	e4:60:17:65:82:db
1.4.16 wlan2	787.535 Kbps	85.376 Mbps	5.689	866.7 Mbps	650 Mbps	802.11an- AC 80 2x2	36	109	-42	40:ED:00:14:F5:F3	192.168.0.116	e4:60:17:65:82:ea
1.4.17 wlan4	187.556 Kbps	36.315 Mbps	5.579	780 Mbps	390 Mbps	802.11an- AC 80 2x2	36	98	-60	40:ED:00:14:F5:F3	192.168.0.63	e4:60:17:66:21:5f

1.4.18 wlan5	316.821 Kbps	29.461 Mbps	7.705	780 Mbps	351 Mbps	802.11an- AC 80 2x2	36	85	-60	40:ED:00:14:F5:F3	192.168.0.169	e4:60:17:65:83:d0
1.4.19 wlan6	338.533 Kbps	29.935 Mbps	3.023	780 Mbps	325 Mbps	802.11an- AC 80 2x2	36	75	-60	40:ED:00:14:F5:F3	192.168.0.221	e4:60:17:65:83:08

Port	Tx-Bps 1m	Rx-Bps 1m	Link-Rate	IP	MAC
1.3.2 eth2	219.251 Mbps	246.625 Mbps	10 Gbps	192.168.0.56	9c:69:b4:63:76:c4

Endpoint	Tx-Bps 1m	Rx-Bps 1m	TxPkts	RxPkts	RX Latency (ms)	Round-Trip Latency (ms)	Jitter	Rx Packet Loss %	Rx OOO %
cv_tcp-3.2-4.wlan0--1.0.0-A	0 bps	69.142 Mbps	0	7990	6.511	6.511	7.264	0	0
cv_tcp-3.2-4.wlan0--1.0.0-B	69.013 Mbps	0 bps	7951	0	0	6.511	0	0	0
cv_tcp-3.2-4.wlan1--1.0.5-A	0 bps	70.467 Mbps	0	8118	4.377	4.377	6.617	0	0
cv_tcp-3.2-4.wlan1--1.0.5-B	70.037 Mbps	0 bps	8074	0	0	4.377	0	0	0
cv_tcp-3.2-4.wlan2--1.0.10-A	0 bps	84.894 Mbps	0	9839	5.764	5.764	5.591	0	0
cv_tcp-3.2-4.wlan2--1.0.10-B	85.107 Mbps	0 bps	9810	0	0	5.764	0	0	0
cv_tcp-3.2-4.wlan4--1.0.15-A	0 bps	36.289 Mbps	0	4199	10.247	10.247	9.805	0	0
cv_tcp-3.2-4.wlan4--1.0.15-B	36.295 Mbps	0 bps	4174	0	0	10.247	0	0	0
cv_tcp-3.2-4.wlan5--1.0.20-A	0 bps	29.069 Mbps	0	3340	7.621	7.621	4.018	0	0
cv_tcp-3.2-4.wlan5--1.0.20-B	28.765 Mbps	0 bps	3325	0	0	7.621	0	0	0
cv_tcp-3.2-4.wlan6--1.0.25-A	0 bps	30.786 Mbps	0	3618	8.037	8.037	13.518	0	0
cv_tcp-3.2-4.wlan6--1.0.25-B	30.73 Mbps	0 bps	3585	0	0	8.037	0	0	0

[Collected CSV Data: CSV: 6.4.1 Multiple STAs Performance Test 5Ghz AC Run #1 UL](#)

Multi_Sta: Run #1 UL Snapshot 5Ghz AC

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
1.4.14 wlan0	190.67 Mbps	7.424 Mbps	5.547	866.7 Mbps	650 Mbps	802.11an- AC 80 2x2	36	1,535	-41	40:ED:00:14:F5:F3	192.168.0.104	e4:60:17:65:83:8f
1.4.15 wlan1	157.673 Mbps	4.978 Mbps	4.041	866.7 Mbps	526.6 Mbps	802.11an- AC 80 2x2	36	1,427	-42	40:ED:00:14:F5:F3	192.168.0.101	e4:60:17:65:82:db
1.4.16 wlan2	175.777 Mbps	9.192 Mbps	5.914	866.7 Mbps	702 Mbps	802.11an- AC 80 2x2	36	109	-42	40:ED:00:14:F5:F3	192.168.0.116	e4:60:17:65:82:ea
1.4.17 wlan4	23.724 Mbps	5.084 Mbps	5.325	780 Mbps	468 Mbps	802.11an- AC 80 2x2	36	98	-60	40:ED:00:14:F5:F3	192.168.0.63	e4:60:17:66:21:5f
1.4.18 wlan5	21.759 Mbps	3.756 Mbps	8.538	780 Mbps	390 Mbps	802.11an- AC 80 2x2	36	85	-60	40:ED:00:14:F5:F3	192.168.0.169	e4:60:17:65:83:d0
1.4.19 wlan6	22.097 Mbps	4.325 Mbps	8.326	780 Mbps	390 Mbps	802.11an- AC 80 2x2	36	75	-60	40:ED:00:14:F5:F3	192.168.0.221	e4:60:17:65:83:08

Port	Tx-Bps 1m	Rx-Bps 1m	Link-Rate	IP	MAC
1.3.2 eth2	138.883 Mbps	402.648 Mbps	10 Gbps	192.168.0.56	9c:69:b4:63:76:c4

Endpoint	Tx-Bps 1m	Rx-Bps 1m	TxPkts	RxPkts	RX Latency (ms)	Round-Trip Latency (ms)	Jitter	Rx Packet Loss %	Rx OOO %
cv_tcp-3.2-4.wlan0--1.0.0-A	212.466 Mbps	0 bps	24595	0	0	1.883	1.883	0	0
cv_tcp-3.2-4.wlan0--1.0.0-B	0 bps	210.596 Mbps	0	24713	1.883	1.883	1.283	0	0
cv_tcp-3.2-4.wlan1--1.0.5-A	180.294 Mbps	0 bps	20990	0	0	2.547	0	0	0
cv_tcp-3.2-4.wlan1--1.0.5-B	0 bps	180.828 Mbps	0	21152	2.547	2.547	419	0	0
cv_tcp-3.2-4.wlan2--1.0.10-A	192.5 Mbps	0 bps	22240	0	0	2.441	0	0	0
cv_tcp-3.2-4.wlan2--1.0.10-B	0 bps	192.656 Mbps	0	22281	2.441	2.441	1.274	0	0
cv_tcp-3.2-4.wlan4--1.0.15-A	25.064 Mbps	0 bps	2891	0	0	11.266	0	0	0
cv_tcp-3.2-4.wlan4--1.0.15-B	0 bps	25.071 Mbps	0	2887	11.266	11.266	9.065	0.138	0
cv_tcp-3.2-4.wlan5--1.0.20-A	26.969 Mbps	0 bps	3083	0	0	3.359	0	0	0
cv_tcp-3.2-4.wlan5--1.0.20-B	0 bps	27.02 Mbps	0	3087	3.359	3.359	1.200	0	0
cv_tcp-3.2-4.wlan6--1.0.25-A	26.357 Mbps	0 bps	2995	0	0	4.635	0	0	0
cv_tcp-3.2-4.wlan6--1.0.25-B	0 bps	25.898 Mbps	0	2959	4.635	4.635	1.865	0	0

Multi_Sta: Run #2 DL Snapshot 5Ghz AC

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
1.4.14 wlan0	35.532 Mbps	42.187 Mbps	5.478	866.7 Mbps	650 Mbps	802.11an-AC 80 2x2	36	1,535	-41	40:ED:00:14:F5:F3	192.168.0.104	e4:60:17:65:83:8f
1.4.15 wlan1	32.145 Mbps	41.008 Mbps	4.316	866.7 Mbps	585.1 Mbps	802.11an-AC 80 2x2	36	1,427	-42	40:ED:00:14:F5:F3	192.168.0.101	e4:60:17:65:82:db
1.4.16 wlan2	27.367 Mbps	48.452 Mbps	5.824	866.7 Mbps	650 Mbps	802.11an-AC 80 2x2	36	109	-42	40:ED:00:14:F5:F3	192.168.0.116	e4:60:17:65:82:ea
1.4.17 wlan4	4.593 Mbps	28.379 Mbps	5.203	780 Mbps	390 Mbps	802.11an-AC 80 2x2	36	98	-60	40:ED:00:14:F5:F3	192.168.0.63	e4:60:17:66:21:5f
1.4.18 wlan5	5.178 Mbps	22.593 Mbps	7.247	780 Mbps	351 Mbps	802.11an-AC 80 2x2	36	85	-60	40:ED:00:14:F5:F3	192.168.0.169	e4:60:17:65:83:d0
1.4.19 wlan6	6.55 Mbps	23.503 Mbps	6.51	780 Mbps	325 Mbps	802.11an-AC 80 2x2	36	75	-60	40:ED:00:14:F5:F3	192.168.0.221	e4:60:17:65:83:08
1.4.20 wlan8	54.556 Kbps	2.271 Mbps	25.321	54 Mbps	58.6 Mbps	802.11an-AC 80 2x2	36	78	-77	40:ED:00:14:F5:F3	192.168.0.58	e4:60:17:66:21:5a
1.4.21 wlan9	50.061 Kbps	1.419 Mbps	29.379	195.1 Mbps	32.6 Mbps	802.11an-AC 80 2x2	36	85	-76	40:ED:00:14:F5:F3	192.168.0.129	e4:60:17:64:eb:cd
1.4.22 wlan10	107.532 Kbps	3.913 Mbps	21.719	97.6 Mbps	6 Mbps	802.11an-AC 80 2x2	36	83	-77	40:ED:00:14:F5:F3	192.168.0.98	e4:60:17:65:85:e7

Port	Tx-Bps 1m	Rx-Bps 1m	Link-Rate	IP	MAC
1.3.2 eth2	268.649 Mbps	1.928 Mbps	10 Gbps	192.168.0.56	9c:69:b4:63:76:c4

Endpoint	Tx-Bps 1m	Rx-Bps 1m	TxPkts	RxPkts	RX Latency (ms)	Round-Trip Latency (ms)	Jitter	Rx Packet Loss %	Rx OOO %
cv_tcp-3.2-4.wlan0--1.0.0-A	0 bps	49.245 Mbps	0	5728	5.459	5.459	5.068	0	0
cv_tcp-3.2-4.wlan0--1.0.0-B	49.361 Mbps	0 bps	5790	0	0	5.459	0	0	0
cv_tcp-3.2-4.wlan1--1.0.5-A	0 bps	48.37 Mbps	0	5619	3.609	3.609	1.202	0	0
cv_tcp-3.2-4.wlan1--1.0.5-B	48.597 Mbps	0 bps	5690	0	0	3.609	0	0	0
cv_tcp-3.2-4.wlan2--1.0.10-A	0 bps	58.743 Mbps	0	6835	5.255	5.255	5.065	0	0
cv_tcp-3.2-4.wlan2--1.0.10-B	58.878 Mbps	0 bps	6893	0	0	5.255	0	0	0
cv_tcp-3.2-4.wlan4--1.0.15-A	0 bps	34.503 Mbps	0	4015	7.846	7.846	4.745	0	0
cv_tcp-3.2-4.wlan4--1.0.15-B	34.634 Mbps	0 bps	4049	0	0	7.846	0	0	0
cv_tcp-3.2-4.wlan5--1.0.20-A	0 bps	28.018 Mbps	0	3255	9.339	9.339	5.640	0	0
cv_tcp-3.2-4.wlan5--1.0.20-B	28.153 Mbps	0 bps	3250	0	0	9.339	0	0	0
cv_tcp-3.2-4.wlan6--1.0.25-A	0 bps	28.69 Mbps	0	3335	7.020	7.020	4.275	0	0
cv_tcp-3.2-4.wlan6--1.0.25-B	28.689 Mbps	0 bps	3304	0	0	7.020	0	0	0
cv_tcp-3.2-4.wlan8--1.0.30-A	0 bps	2.216 Mbps	0	265	26.610	26.610	2.081	45.808	0
cv_tcp-3.2-4.wlan8--1.0.30-B	3.515 Mbps	0 bps	489	0	0	26.610	0	0	0
cv_tcp-3.2-4.wlan9--1.0.35-A	0 bps	1.524 Mbps	0	177	26.321	26.321	3.513	27.755	0
cv_tcp-3.2-4.wlan9--1.0.35-B	2.016 Mbps	0 bps	245	0	0	26.321	0	0	0
cv_tcp-3.2-4.wlan10--1.0.40-A	0 bps	4.74 Mbps	0	551	35.321	35.321	16.008	18.851	0
cv_tcp-3.2-4.wlan10--1.0.40-B	5.958 Mbps	0 bps	679	0	0	35.321	0	0	0

Multi_Sta: Run #2 UL Snapshot 5Ghz AC

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
1.4.14 wlan0	139.134 Mbps	15.292 Mbps	5.52	866.7 Mbps	650 Mbps	802.11an-AC 80 2x2	36	1,535	-41	40:ED:00:14:F5:F3	192.168.0.104	e4:60:17:65:83:8f

1.4.15 wlan1	144.637 Mbps	14.289 Mbps	3.99	866.7 Mbps	520 Mbps	802.11an- AC 80 2x2	36	1,427	-42	40:ED:00:14:F5:F3	192.168.0.101	e4:60:17:65:82:db
1.4.16 wlan2	133.442 Mbps	18.679 Mbps	6.058	866.7 Mbps	702 Mbps	802.11an- AC 80 2x2	36	109	-42	40:ED:00:14:F5:F3	192.168.0.116	e4:60:17:65:82:ea
1.4.17 wlan4	20.481 Mbps	11.201 Mbps	5.959	780 Mbps	390 Mbps	802.11an- AC 80 2x2	36	98	-60	40:ED:00:14:F5:F3	192.168.0.63	e4:60:17:66:21:5f
1.4.18 wlan5	17.821 Mbps	8.815 Mbps	7.737	780 Mbps	390 Mbps	802.11an- AC 80 2x2	36	85	-60	40:ED:00:14:F5:F3	192.168.0.169	e4:60:17:65:83:d0
1.4.19 wlan6	14.499 Mbps	9.197 Mbps	7.234	780 Mbps	390 Mbps	802.11an- AC 80 2x2	36	75	-60	40:ED:00:14:F5:F3	192.168.0.221	e4:60:17:65:83:08
1.4.20 wlan8	9.777 Kbps	375.373 Kbps	31.543	54 Mbps	58.5 Mbps	802.11an- AC 80 2x2	36	78	-76	40:ED:00:14:F5:F3	192.168.0.58	e4:60:17:66:21:5a
1.4.21 wlan9	4.178 Kbps	73.805 Kbps	33.282	48 Mbps	58.5 Mbps	802.11an- AC 80 2x2	36	85	-76	40:ED:00:14:F5:F3	192.168.0.129	e4:60:17:64:eb:cd
1.4.22 wlan10	3.014 Mbps	1.398 Mbps	23.034	195.1 Mbps	87.8 Mbps	802.11an- AC 80 2x2	36	83	-77	40:ED:00:14:F5:F3	192.168.0.98	e4:60:17:65:85:e7

Port	Tx-Bps 1m	Rx-Bps 1m	Link-Rate	IP	MAC
1.3.2 eth2	41.996 Mbps	573.855 Mbps	10 Gbps	192.168.0.56	9c:69:b4:63:76:c4

Endpoint	Tx-Bps 1m	Rx-Bps 1m	TxPkts	RxPkts	RX Latency (ms)	Round-Trip Latency (ms)	Jitter	Rx Packet Loss %	Rx OOO %
cv_tcp-3.2-4.wlan0--1.0.0-A	178.423 Mbps	0 bps	21465	0	0	3.927	0	0	0
cv_tcp-3.2-4.wlan0--1.0.0-B	0 bps	178.947 Mbps	0	21134	3.927	3.927	633	0	0
cv_tcp-3.2-4.wlan1--1.0.5-A	203.143 Mbps	0 bps	23225	0	0	1.892	0	0	0
cv_tcp-3.2-4.wlan1--1.0.5-B	0 bps	203.412 Mbps	0	23273	1.892	1.892	840	0	0
cv_tcp-3.2-4.wlan2--1.0.10-A	186.812 Mbps	0 bps	21630	0	0	2.070	0	0	0
cv_tcp-3.2-4.wlan2--1.0.10-B	0 bps	187.255 Mbps	0	21624	2.070	2.070	855	0	0
cv_tcp-3.2-4.wlan4--1.0.15-A	27.673 Mbps	0 bps	3320	0	0	6.871	0	0	0
cv_tcp-3.2-4.wlan4--1.0.15-B	0 bps	28.092 Mbps	0	3310	6.871	6.871	968	0	0
cv_tcp-3.2-4.wlan5--1.0.20-A	21.555 Mbps	0 bps	2480	0	0	7.740	0	0	0
cv_tcp-3.2-4.wlan5--1.0.20-B	0 bps	21.627 Mbps	0	2475	7.740	7.740	3,771	0.202	0
cv_tcp-3.2-4.wlan6--1.0.25-A	20.451 Mbps	0 bps	2378	0	0	6.381	0	0	0
cv_tcp-3.2-4.wlan6--1.0.25-B	0 bps	20.326 Mbps	0	2376	6.381	6.381	3,540	0.084	0
cv_tcp-3.2-4.wlan8--1.0.30-A	37.48 Kbps	0 bps	3	0	0	0	0	0	0
cv_tcp-3.2-4.wlan8--1.0.30-B	0 bps	4.06 Kbps	0	0	0	0	0	100.000	0
cv_tcp-3.2-4.wlan9--1.0.35-A	0 bps	0 bps	0	0	0	0	0	0	0
cv_tcp-3.2-4.wlan9--1.0.35-B	0 bps	0 bps	0	0	0	0	0	0	0
cv_tcp-3.2-4.wlan10--1.0.40-A	3.809 Mbps	0 bps	437	0	0	22.606	0	0	0
cv_tcp-3.2-4.wlan10--1.0.40-B	0 bps	3.799 Mbps	0	434	22.606	22.606	21,418	0	0

Collected CSV Data: [CSV: 6.4.1 Multiple STAs Performance Test 2.4Ghz AX Run #0 DL](#)

Multi_Sta: Run #0 DL Snapshot 2.4Ghz AX

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
1.4.14 wlan0	354.897 Kbps	48.653 Mbps	15.99	270.8 Mbps	286.7 Mbps	802.11bgn- AX 20 2x2	6	161	-35	40:ED:00:14:F5:F2	192.168.0.104	e4:60:17:65:83:8f
1.4.15 wlan1	332.376 Kbps	47.126 Mbps	11.014	243.7 Mbps	286.7 Mbps	802.11bgn- AX 20 2x2	6	160	-35	40:ED:00:14:F5:F2	192.168.0.101	e4:60:17:65:82:db
1.4.16 wlan2	292.378 Kbps	42.416 Mbps	12.915	286.7 Mbps	286.7 Mbps	802.11bgn- AX 20 2x2	6	101	-35	40:ED:00:14:F5:F2	192.168.0.116	e4:60:17:65:82:ea

Port	Tx-Bps 1m	Rx-Bps 1m	Link-Rate	IP	MAC
1.3.2 eth2	193.063 Mbps	1.072 Mbps	10 Gbps	192.168.0.56	9c:69:b4:63:76:c4

Endpoint	Tx-Bps 1m	Rx-Bps 1m	TxPkts	RxPkts	RX Latency (ms)	Round-Trip Latency (ms)	Jitter	Rx Packet Loss %	Rx OOO %
cv_tcp-3.2-4.wlan0--1.0.0-A	0 bps	71.394 Mbps	0	8288	5.284	5.284	1,395	0	0
cv_tcp-3.2-4.wlan0--1.0.0-B	71.291 Mbps	0 bps	8295	0	0	5.284	0	0	0
cv_tcp-3.2-4.wlan1--1.0.5-A	0 bps	69.492 Mbps	0	8013	6.955	6.955	4,788	0	0
cv_tcp-3.2-4.wlan1--1.0.5-B	69.912 Mbps	0 bps	7945	0	0	6.955	0	0	0

cv_tcp-3.2-4.wlan2--1.0.10-A	0 bps	61.47 Mbps	0	7167	8,209	8,209	1,094	0	0
cv_tcp-3.2-4.wlan2--1.0.10-B	60.908 Mbps	0 bps	6960	0	0	8,209	0	0	0

Collected CSV Data: [CSV: 6.4.1 Multiple STAs Performance Test 2.4Ghz AX Run #0 UL](#)

Multi_Sta: Run #0 UL Snapshot 2.4Ghz AX

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
1.4.14 wlan0	31.868 Mbps	29.382 Mbps	46.903	286.7 Mbps	286.7 Mbps	802.11bgn-AX 20 2x2	6	161	-34	40:ED:00:14:F5:F2	192.168.0.104	e4:60:17:65:83:8f
1.4.15 wlan1	32.799 Mbps	29.382 Mbps	50.087	286.7 Mbps	286.7 Mbps	802.11bgn-AX 20 2x2	6	160	-34	40:ED:00:14:F5:F2	192.168.0.101	e4:60:17:65:82:db
1.4.16 wlan2	41.119 Mbps	26.824 Mbps	30.611	286.7 Mbps	286.7 Mbps	802.11bgn-AX 20 2x2	6	101	-34	40:ED:00:14:F5:F2	192.168.0.116	e4:60:17:65:82:ea

Port	Tx-Bps 1m	Rx-Bps 1m	Link-Rate	IP	MAC
1.3.2 eth2	43.439 Mbps	144.615 Mbps	10 Gbps	192.168.0.56	9c:69:b4:63:76:c4

Endpoint	Tx-Bps 1m	Rx-Bps 1m	TxPkts	RxPkts	RX Latency (ms)	Round-Trip Latency (ms)	Jitter	Rx Packet Loss %	Rx OOO %
cv_tcp-3.2-4.wlan0--1.0.0-A	52.884 Mbps	0 bps	6165	0	0	3,271	0	0	0
cv_tcp-3.2-4.wlan0--1.0.0-B	0 bps	53.007 Mbps	0	6227	3,271	3,271	1,736	0	0
cv_tcp-3.2-4.wlan1--1.0.5-A	51.363 Mbps	0 bps	6000	0	0	3,318	0	0	0
cv_tcp-3.2-4.wlan1--1.0.5-B	0 bps	51.894 Mbps	0	6059	3,318	3,318	1,538	0	0
cv_tcp-3.2-4.wlan2--1.0.10-A	70.805 Mbps	0 bps	8231	0	0	2,452	0	0	0
cv_tcp-3.2-4.wlan2--1.0.10-B	0 bps	70.771 Mbps	0	8208	2,452	2,452	1,027	0.219	0

Collected CSV Data: [CSV: 6.4.1 Multiple STAs Performance Test 2.4Ghz AX Run #1 DL](#)

Multi_Sta: Run #1 DL Snapshot 2.4Ghz AX

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
1.4.14 wlan0	23.789 Mbps	22.153 Mbps	44.877	243.7 Mbps	286.7 Mbps	802.11bgn-AX 20 2x2	6	161	-35	40:ED:00:14:F5:F2	192.168.0.104	e4:60:17:65:83:8f
1.4.15 wlan1	22.466 Mbps	20.866 Mbps	47.417	270.8 Mbps	286.7 Mbps	802.11bgn-AX 20 2x2	6	160	-35	40:ED:00:14:F5:F2	192.168.0.101	e4:60:17:65:82:db
1.4.16 wlan2	31.66 Mbps	22.312 Mbps	28.907	286.7 Mbps	286.7 Mbps	802.11bgn-AX 20 2x2	6	101	-35	40:ED:00:14:F5:F2	192.168.0.116	e4:60:17:65:82:ea
1.4.17 wlan4	214.047 Kbps	18.024 Mbps	14.808	270.8 Mbps	286.7 Mbps	802.11bgn-AX 20 2x2	6	73	-51	40:ED:00:14:F5:F2	192.168.0.63	e4:60:17:66:21:5f
1.4.18 wlan5	159.052 Kbps	17.597 Mbps	12.07	286.7 Mbps	286.7 Mbps	802.11bgn-AX 20 2x2	6	78	-51	40:ED:00:14:F5:F2	192.168.0.169	e4:60:17:65:83:d0
1.4.19 wlan6	204.521 Kbps	16.343 Mbps	18.498	270.8 Mbps	286.7 Mbps	802.11bgn-AX 20 2x2	6	75	-51	40:ED:00:14:F5:F2	192.168.0.221	e4:60:17:65:83:08

Port	Tx-Bps 1m	Rx-Bps 1m	Link-Rate	IP	MAC
1.3.2 eth2	152.55 Mbps	53.32 Mbps	10 Gbps	192.168.0.56	9c:69:b4:63:76:c4

Endpoint	Tx-Bps 1m	Rx-Bps 1m	TxPkts	RxPkts	RX Latency (ms)	Round-Trip Latency (ms)	Jitter	Rx Packet Loss %	Rx OOO %
cv_tcp-3.2-4.wlan0--1.0.0-A	0 bps	37.068 Mbps	0	4292	13,315	13,315	5,632	0	0
cv_tcp-3.2-4.wlan0--1.0.0-B	37.282 Mbps	0 bps	4290	0	0	13,315	0	0	0
cv_tcp-3.2-4.wlan1--1.0.5-A	0 bps	35.133 Mbps	0	4056	12,707	12,707	1,949	0	0
cv_tcp-3.2-4.wlan1--1.0.5-B	35.099 Mbps	0 bps	4080	0	0	12,707	0	0	0
cv_tcp-3.2-4.wlan2--1.0.10-A	0 bps	38.922 Mbps	0	4507	10,944	10,944	3,766	0	0
cv_tcp-3.2-4.wlan2--1.0.10-B	38.933 Mbps	0 bps	4500	0	0	10,944	0	0	0
cv_tcp-3.2-4.wlan4--1.0.15-A	0 bps	30.375 Mbps	0	3583	13,979	13,979	2,098	0.885	0
cv_tcp-3.2-4.wlan4--1.0.15-B	31.674 Mbps	0 bps	3615	0	0	13,979	0	0	0
cv_tcp-3.2-4.wlan5--1.0.20-A	0 bps	30.638 Mbps	0	3545	12,553	12,553	5,237	0	0
cv_tcp-3.2-4.wlan5--1.0.20-B	30.272 Mbps	0 bps	3460	0	0	12,553	0	0	0
cv_tcp-3.2-4.wlan6--1.0.25-A	0 bps	30.521 Mbps	0	3533	15,465	15,465	788	0	0
cv_tcp-3.2-4.wlan6--1.0.25-B	30.622 Mbps	0 bps	3530	0	0	15,465	0	0	0

Collected CSV Data: [CSV: 6.4.1 Multiple STAs Performance Test 2.4Ghz AX Run #1 UL](#)

Multi_Sta: Run #1 UL Snapshot 2.4Ghz AX

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
1.4.14 wlan0	19.452 Mbps	18.511 Mbps	48.658	270.8 Mbps	286.7 Mbps	802.11bgn-AX 20 2x2	6	161	-34	40:ED:00:14:F5:F2	192.168.0.104	e4:60:17:65:83:8f
1.4.15 wlan1	32.615 Mbps	446.272 Kbps	51.26	258 Mbps	286.7 Mbps	802.11bgn-AX 20 2x2	6	160	-34	40:ED:00:14:F5:F2	192.168.0.101	e4:60:17:65:82:db
1.4.16 wlan2	33.952 Mbps	470.889 Kbps	34.927	258 Mbps	286.7 Mbps	802.11bgn-AX 20 2x2	6	101	-34	40:ED:00:14:F5:F2	192.168.0.116	e4:60:17:65:82:ea
1.4.17 wlan4	13.554 Mbps	14.607 Mbps	35.383	286.7 Mbps	286.7 Mbps	802.11bgn-AX 20 2x2	6	73	-51	40:ED:00:14:F5:F2	192.168.0.63	e4:60:17:66:21:5f
1.4.18 wlan5	11.142 Mbps	15.886 Mbps	41.393	243.7 Mbps	286.7 Mbps	802.11bgn-AX 20 2x2	6	78	-51	40:ED:00:14:F5:F2	192.168.0.169	e4:60:17:65:83:d0
1.4.19 wlan6	11.679 Mbps	14.785 Mbps	40.344	270.8 Mbps	286.7 Mbps	802.11bgn-AX 20 2x2	6	75	-51	40:ED:00:14:F5:F2	192.168.0.221	e4:60:17:65:83:08

Port	Tx-Bps 1m	Rx-Bps 1m	Link-Rate	IP	MAC
1.3.2 eth2	77.094 Mbps	109.936 Mbps	10 Gbps	192.168.0.56	9c:69:b4:63:76:c4

Endpoint	Tx-Bps 1m	Rx-Bps 1m	TxPkts	RxPkts	RX Latency (ms)	Round-Trip Latency (ms)	Jitter	Rx Packet Loss %	Rx OOO %
cv_tcp-3.2-4.wlan0--1.0.0-A	32.638 Mbps	0 bps	3790	0	0	5.087	0	0	0
cv_tcp-3.2-4.wlan0--1.0.0-B	0 bps	32.512 Mbps	0	3746	5.087	5.087	1.947	0	0
cv_tcp-3.2-4.wlan1--1.0.5-A	31.479 Mbps	0 bps	3630	0	0	5.778	0	0	0
cv_tcp-3.2-4.wlan1--1.0.5-B	0 bps	31.704 Mbps	0	3607	5.778	5.778	10.306	0.220	0
cv_tcp-3.2-4.wlan2--1.0.10-A	33.035 Mbps	0 bps	3890	0	0	5.112	0	0	0
cv_tcp-3.2-4.wlan2--1.0.10-B	0 bps	33.393 Mbps	0	3861	5.112	5.112	2.471	0	0
cv_tcp-3.2-4.wlan4--1.0.15-A	26.16 Mbps	0 bps	3002	0	0	3.158	0	0	0
cv_tcp-3.2-4.wlan4--1.0.15-B	0 bps	25.804 Mbps	0	2948	3.158	3.158	3.237	0	0
cv_tcp-3.2-4.wlan5--1.0.20-A	20.178 Mbps	0 bps	2335	0	0	9.306	0	0	0
cv_tcp-3.2-4.wlan5--1.0.20-B	0 bps	20.207 Mbps	0	2323	9.306	9.306	3.179	0.514	0
cv_tcp-3.2-4.wlan6--1.0.25-A	23.171 Mbps	0 bps	2685	0	0	7.097	0	0	0
cv_tcp-3.2-4.wlan6--1.0.25-B	0 bps	22.512 Mbps	0	2609	7.097	7.097	2.985	0	0

Collected CSV Data: [CSV: 6.4.1 Multiple STAs Performance Test 2.4Ghz AX Run #2 DL](#)

Multi_Sta: Run #2 DL Snapshot 2.4Ghz AX

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
1.4.14 wlan0	313.684 Kbps	43.925 Mbps	45.859	286.7 Mbps	286.7 Mbps	802.11bgn-AX 20 2x2	6	161	-35	40:ED:00:14:F5:F2	192.168.0.104	e4:60:17:65:83:8f
1.4.15 wlan1	429.673 Kbps	41.294 Mbps	48.093	270.8 Mbps	286.7 Mbps	802.11bgn-AX 20 2x2	6	160	-35	40:ED:00:14:F5:F2	192.168.0.101	e4:60:17:65:82:db
1.4.16 wlan2	585.172 Kbps	41.967 Mbps	32.669	286.7 Mbps	286.7 Mbps	802.11bgn-AX 20 2x2	6	101	-35	40:ED:00:14:F5:F2	192.168.0.116	e4:60:17:65:82:ea
1.4.17 wlan4	359.518 Kbps	34.675 Mbps	40.203	286.7 Mbps	286.7 Mbps	802.11bgn-AX 20 2x2	6	73	-51	40:ED:00:14:F5:F2	192.168.0.63	e4:60:17:66:21:5f
1.4.18 wlan5	133.033 Kbps	5.189 Mbps	40.076	270.8 Mbps	286.7 Mbps	802.11bgn-AX 20 2x2	6	78	-51	40:ED:00:14:F5:F2	192.168.0.169	e4:60:17:65:83:d0
1.4.19 wlan6	439.81 Kbps	34.118 Mbps	36.082	270.8 Mbps	286.7 Mbps	802.11bgn-AX 20 2x2	6	75	-52	40:ED:00:14:F5:F2	192.168.0.221	e4:60:17:65:83:08
1.4.20 wlan8	893 bps	2.311 Kbps	58.373	7.3 Mbps	1 Mbps	802.11bgn-AX 20 2x2	6	80	-65	40:ED:00:14:F5:F2	192.168.0.58	e4:60:17:66:21:5a
1.4.21 wlan9	914 bps	525 bps	70.318	7.3 Mbps	1 Mbps	802.11bgn-AX 20 2x2	6	1,087	-67	40:ED:00:14:F5:F2	192.168.0.129	e4:60:17:64:eb:cd
1.4.22 wlan10	1.441 Kbps	29.497 Kbps	52.349	7.3 Mbps	1 Mbps	802.11bgn-AX 20 2x2	6	1,079	-64	40:ED:00:14:F5:F2	192.168.0.98	e4:60:17:65:85:e7

Port	Tx-Bps 1m	Rx-Bps 1m	Link-Rate	IP	MAC
1.3.2 eth2	121.11 Mbps	74.555 Mbps	10 Gbps	192.168.0.56	9c:69:b4:63:76:c4

Endpoint	Tx-Bps 1m	Rx-Bps 1m	TxPkts	RxPkts	RX Latency (ms)	Round-Trip Latency (ms)	Jitter	Rx Packet Loss %	Rx OOO %
cv_tcp-3.2-4.wlan0--1.0.0-A	0 bps	41.163 Mbps	0	4810	13.974	13.974	3.338	0	0
cv_tcp-3.2-4.wlan0--1.0.0-B	40.688 Mbps	0 bps	4845	0	0	13.974	0	0	0
cv_tcp-3.2-4.wlan1--1.0.5-A	0 bps	40.782 Mbps	0	4757	10.562	10.562	2.523	0	0

cv_tcp-3.2-4.wlan1--1.0.5-B	40.688 Mbps	0 bps	4810	0	0	10,562	0	0	0
cv_tcp-3.2-4.wlan2--1.0.10-A	0 bps	41.724 Mbps	0	4832	10,883	10,883	4,123	0	0
cv_tcp-3.2-4.wlan2--1.0.10-B	41.607 Mbps	0 bps	4910	0	0	10,883	0	0	0
cv_tcp-3.2-4.wlan4--1.0.15-A	0 bps	36.027 Mbps	0	4263	14,981	14,981	4,549	2,113	0
cv_tcp-3.2-4.wlan4--1.0.15-B	37.234 Mbps	0 bps	4355	0	0	14,981	0	0	0
cv_tcp-3.2-4.wlan5--1.0.20-A	0 bps	6.09 Mbps	0	700	8,585	8,585	1,469	49.676	0
cv_tcp-3.2-4.wlan5--1.0.20-B	12.158 Mbps	0 bps	1391	0	0	8,585	0	0	0
cv_tcp-3.2-4.wlan6--1.0.25-A	0 bps	33.294 Mbps	0	3866	14,161	14,161	5,660	0	0
cv_tcp-3.2-4.wlan6--1.0.25-B	33.798 Mbps	0 bps	3860	0	0	14,161	0	0	0
cv_tcp-3.2-4.wlan8--1.0.30-A	0 bps	1.94 Kbps	0	0	0	0	0	100.000	0
cv_tcp-3.2-4.wlan8--1.0.30-B	10.681 Kbps	0 bps	1	0	0	0	0	0	0
cv_tcp-3.2-4.wlan9--1.0.35-A	0 bps	0 bps	0	0	0	0	0	100.000	0
cv_tcp-3.2-4.wlan9--1.0.35-B	21.32 Kbps	0 bps	2	0	0	0	0	0	0
cv_tcp-3.2-4.wlan10--1.0.40-A	0 bps	5.857 Kbps	0	0	0	0	0	100.000	0
cv_tcp-3.2-4.wlan10--1.0.40-B	27.226 Kbps	0 bps	5	0	0	0	0	0	0

Collected CSV Data: CSV: 6.4.1 Multiple STAs Performance Test 2.4Ghz AX Run #2 UL

Multi_Sta: Run #2 UL Snapshot 2.4Ghz AX

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
1.4.14 wlan0	27.511 Mbps	4.771 Mbps	48.031	286.7 Mbps	286.7 Mbps	802.11bgn-AX 20 2x2	6 161	-34	-34	40:ED:00:14:F5:F2	192.168.0.104	e4:60:17:65:83:8f
1.4.15 wlan1	23.721 Mbps	5.639 Mbps	46.97	286.7 Mbps	286.7 Mbps	802.11bgn-AX 20 2x2	6 160	-34	-34	40:ED:00:14:F5:F2	192.168.0.101	e4:60:17:65:82:db
1.4.16 wlan2	29.048 Mbps	5.473 Mbps	33.292	229.4 Mbps	286.7 Mbps	802.11bgn-AX 20 2x2	6 101	-34	-34	40:ED:00:14:F5:F2	192.168.0.116	e4:60:17:65:82:ea
1.4.17 wlan4	23.233 Mbps	3.354 Mbps	42.475	270.8 Mbps	286.7 Mbps	802.11bgn-AX 20 2x2	6 73	-50	-50	40:ED:00:14:F5:F2	192.168.0.63	e4:60:17:66:21:5f
1.4.18 wlan5	18.033 Mbps	2.715 Mbps	45.596	206.5 Mbps	286.7 Mbps	802.11bgn-AX 20 2x2	6 78	-51	-51	40:ED:00:14:F5:F2	192.168.0.169	e4:60:17:65:83:d0
1.4.19 wlan6	19.824 Mbps	3.831 Mbps	39.692	270.8 Mbps	286.7 Mbps	802.11bgn-AX 20 2x2	6 75	-51	-51	40:ED:00:14:F5:F2	192.168.0.221	e4:60:17:65:83:08
1.4.20 wlan8	498.288 Kbps	12.79 Kbps	77.736	172 Mbps	114.7 Mbps	802.11bgn-AX 20 2x2	6 80	-65	-65	40:ED:00:14:F5:F2	192.168.0.58	e4:60:17:66:21:5a
1.4.21 wlan9	909.19 Kbps	28.175 Kbps	38.825	172 Mbps	114.7 Mbps	802.11bgn-AX 20 2x2	6 1,087	-64	-64	40:ED:00:14:F5:F2	192.168.0.129	e4:60:17:64:eb:cd
1.4.22 wlan10	1.523 Mbps	51.376 Kbps	79.534	172 Mbps	154.8 Mbps	802.11bgn-AX 20 2x2	6 1,079	-63	-63	40:ED:00:14:F5:F2	192.168.0.98	e4:60:17:65:85:e7

Port	Tx-Bps 1m	Rx-Bps 1m	Link-Rate	IP	MAC
1.3.2 eth2	4.242 Mbps	162.308 Mbps	10 Gbps	192.168.0.56	9c:69:b4:63:76:c4

Endpoint	Tx-Bps 1m	Rx-Bps 1m	TxPkts	RxPkts	RX Latency (ms)	Round-Trip Latency (ms)	Jitter	Rx Packet Loss %	Rx OOO %
cv_tcp-3.2-4.wlan0--1.0.0-A	30.134 Mbps	0 bps	3440	0	0	5,354	0	0	0
cv_tcp-3.2-4.wlan0--1.0.0-B	0 bps	30.142 Mbps	0	3476	5,354	5,354	3,564	0	0
cv_tcp-3.2-4.wlan1--1.0.5-A	28.028 Mbps	0 bps	3205	0	0	4,151	0	0	0
cv_tcp-3.2-4.wlan1--1.0.5-B	0 bps	28.294 Mbps	0	3222	4,151	4,151	2,661	0	0
cv_tcp-3.2-4.wlan2--1.0.10-A	33.422 Mbps	0 bps	3940	0	0	7,990	0	0	0
cv_tcp-3.2-4.wlan2--1.0.10-B	0 bps	33.17 Mbps	0	3977	7,990	7,990	3,932	0	0
cv_tcp-3.2-4.wlan4--1.0.15-A	22.706 Mbps	0 bps	2650	0	0	10,644	0	0	0
cv_tcp-3.2-4.wlan4--1.0.15-B	0 bps	22.583 Mbps	0	2642	10,644	10,644	5,807	0.302	0
cv_tcp-3.2-4.wlan5--1.0.20-A	18.832 Mbps	0 bps	2288	0	0	8,379	0	0	0
cv_tcp-3.2-4.wlan5--1.0.20-B	0 bps	18.685 Mbps	0	2286	8,379	8,379	4,204	0.087	0
cv_tcp-3.2-4.wlan6--1.0.25-A	21.426 Mbps	0 bps	2565	0	0	11,278	0	0	0
cv_tcp-3.2-4.wlan6--1.0.25-B	0 bps	21.32 Mbps	0	2557	11,278	11,278	3,812	0.312	0
cv_tcp-3.2-4.wlan8--1.0.30-A	1.706 Mbps	0 bps	191	0	0	6,143	0	0	0
cv_tcp-3.2-4.wlan8--1.0.30-B	0 bps	937.43 Kbps	0	103	6,143	6,143	3,871	46.073	0
cv_tcp-3.2-4.wlan9--1.0.35-A	1.856 Mbps	0 bps	208	0	0	12,746	0	0	0
cv_tcp-3.2-4.wlan9--1.0.35-B	0 bps	1.461 Mbps	0	163	12,746	12,746	4,465	21.635	0
cv_tcp-3.2-4.wlan10--1.0.40-A	4.624 Mbps	0 bps	526	0	0	3,142	0	0	0
cv_tcp-3.2-4.wlan10--1.0.40-B	0 bps	1.552 Mbps	0	172	3,142	3,142	286	67.300	0

Collected CSV Data: CSV: 6.4.1 Multiple STAs Performance Test 5Ghz AX Run #0 DL

Multi_Sta: Run #0 DL Snapshot 5Ghz AX

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
1.4.14 wlan0	719.207 Kbps	139.119 Mbps	1.233	1200.9 Mbps	864.8 Mbps	802.11an-AX 80 2x2	36	1,135	-41	40:ED:00:14:F5:F3	192.168.0.104	e4:60:17:65:83:8f
1.4.15 wlan1	623.498 Kbps	96.167 Mbps	1.887	1200.9 Mbps	864.8 Mbps	802.11an-AX 80 2x2	36	1,144	-42	40:ED:00:14:F5:F3	192.168.0.101	e4:60:17:65:82:db
1.4.16 wlan2	550.024 Kbps	95.968 Mbps	3.904	1200.9 Mbps	864.8 Mbps	802.11an-AX 80 2x2	36	1,576	-42	40:ED:00:14:F5:F3	192.168.0.116	e4:60:17:65:82:ea

Port	Tx-Bps 1m	Rx-Bps 1m	Link-Rate	IP	MAC
1.3.2 eth2	472.15 Mbps	2.195 Mbps	10 Gbps	192.168.0.56	9c:69:b4:63:76:c4

Endpoint	Tx-Bps 1m	Rx-Bps 1m	TxPkts	RxPkts	RX Latency (ms)	Round-Trip Latency (ms)	Jitter	Rx Packet Loss %	Rx OOO %
cv_tcp-3.2-4.wlan0--1.0.0-A	0 bps	233.688 Mbps	0	27111	2,050	2,050	1,274	0	0
cv_tcp-3.2-4.wlan0--1.0.0-B	234.481 Mbps	0 bps	26870	0	0	2,050	0	0	0
cv_tcp-3.2-4.wlan1--1.0.5-A	0 bps	162.828 Mbps	0	18842	2,074	2,074	944	0	0
cv_tcp-3.2-4.wlan1--1.0.5-B	162.528 Mbps	0 bps	18550	0	0	2,074	0	0	0
cv_tcp-3.2-4.wlan2--1.0.10-A	0 bps	163.928 Mbps	0	18912	2,441	2,441	1,217	0	0
cv_tcp-3.2-4.wlan2--1.0.10-B	163.149 Mbps	0 bps	18605	0	0	2,441	0	0	0

Collected CSV Data: CSV: 6.4.1 Multiple STAs Performance Test 5Ghz AX Run #0 UL

Multi_Sta: Run #0 UL Snapshot 5Ghz AX

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
1.4.14 wlan0	240.509 Mbps	902.653 Kbps	16.917	1134.2 Mbps	864.8 Mbps	802.11an-AX 80 2x2	36	1,135	-42	40:ED:00:14:F5:F3	192.168.0.104	e4:60:17:65:83:8f
1.4.15 wlan1	286.273 Mbps	1.067 Mbps	25.474	1134.2 Mbps	864.8 Mbps	802.11an-AX 80 2x2	36	1,144	-42	40:ED:00:14:F5:F3	192.168.0.101	e4:60:17:65:82:db
1.4.16 wlan2	335.418 Mbps	1.192 Mbps	7.93	1200.9 Mbps	864.8 Mbps	802.11an-AX 80 2x2	36	1,576	-42	40:ED:00:14:F5:F3	192.168.0.116	e4:60:17:65:82:ea

Port	Tx-Bps 1m	Rx-Bps 1m	Link-Rate	IP	MAC
1.3.2 eth2	157.129 Mbps	648.801 Mbps	10 Gbps	192.168.0.56	9c:69:b4:63:76:c4

Endpoint	Tx-Bps 1m	Rx-Bps 1m	TxPkts	RxPkts	RX Latency (ms)	Round-Trip Latency (ms)	Jitter	Rx Packet Loss %	Rx OOO %
cv_tcp-3.2-4.wlan0--1.0.0-A	244.46 Mbps	0 bps	28065	0	0	2,206	0	0	0
cv_tcp-3.2-4.wlan0--1.0.0-B	0 bps	242.78 Mbps	0	27719	2,206	2,206	481	0	0
cv_tcp-3.2-4.wlan1--1.0.5-A	288.33 Mbps	0 bps	33280	0	0	4,388	0	0	0
cv_tcp-3.2-4.wlan1--1.0.5-B	0 bps	287.991 Mbps	0	33262	4,388	4,388	1,456	0	0
cv_tcp-3.2-4.wlan2--1.0.10-A	326.898 Mbps	0 bps	38040	0	0	1,026	0	0	0
cv_tcp-3.2-4.wlan2--1.0.10-B	0 bps	330.234 Mbps	0	38029	1,026	1,026	290	0	0

Collected CSV Data: CSV: 6.4.1 Multiple STAs Performance Test 5Ghz AX Run #1 DL

Multi_Sta: Run #1 DL Snapshot 5Ghz AX

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
1.4.14 wlan0	11.861 Mbps	126.465 Mbps	16.587	1200.9 Mbps	864.8 Mbps	802.11an-AX 80 2x2	36	1,135	-41	40:ED:00:14:F5:F3	192.168.0.104	e4:60:17:65:83:8f
1.4.15 wlan1	8.662 Mbps	126.815 Mbps	20.19	1200.9 Mbps	864.8 Mbps	802.11an-AX 80 2x2	36	1,144	-42	40:ED:00:14:F5:F3	192.168.0.101	e4:60:17:65:82:db
1.4.16 wlan2	1.708 Mbps	126.507 Mbps	6.797	1200.9 Mbps	864.8 Mbps	802.11an-AX 80 2x2	36	1,576	-42	40:ED:00:14:F5:F3	192.168.0.116	e4:60:17:65:82:ea
1.4.17 wlan4	13.482 Kbps	518.432 Kbps	56.733	36 Mbps	576.4 Mbps	802.11an-AX 80 2x2	36	1,472	-60	40:ED:00:14:F5:F3	192.168.0.63	e4:60:17:66:21:5f
1.4.18						802.11an-						

wlan5	638.901 Kbps	80.613 Mbps	6.788	864.8 Mbps	576.4 Mbps	AX 80 2x2	36	146	-60	40:ED:00:14:F5:F3	192.168.0.169	e4:60:17:65:83:d0
1.4.19 wlan6	564.735 Kbps	62.858 Mbps	5.507	864.8 Mbps	576.4 Mbps	802.11an-AX 80 2x2	36	139	-60	40:ED:00:14:F5:F3	192.168.0.221	e4:60:17:65:83:08

Port	Tx-Bps 1m	Rx-Bps 1m	Link-Rate	IP	MAC
1.3.2 eth2	365.708 Mbps	300.561 Mbps	10 Gbps	192.168.0.56	9c:69:b4:63:76:c4

Endpoint	Tx-Bps 1m	Rx-Bps 1m	TxPkts	RxPkts	RX Latency (ms)	Round-Trip Latency (ms)	Jitter	Rx Packet Loss %	Rx OOO %
cv_tcp-3.2-4.wlan0--1.0.0-A	0 bps	126.425 Mbps	0	14592	3,952	3,952	777	0	0
cv_tcp-3.2-4.wlan0--1.0.0-B	126.568 Mbps	0 bps	14765	0	0	3,952	0	0	0
cv_tcp-3.2-4.wlan1--1.0.5-A	0 bps	128.286 Mbps	0	14815	3,930	3,930	635	0	0
cv_tcp-3.2-4.wlan1--1.0.5-B	128.151 Mbps	0 bps	14745	0	0	3,930	0	0	0
cv_tcp-3.2-4.wlan2--1.0.10-A	0 bps	126.881 Mbps	0	14681	3,557	3,557	756	0	0
cv_tcp-3.2-4.wlan2--1.0.10-B	126.798 Mbps	0 bps	14735	0	0	3,557	0	0	0
cv_tcp-3.2-4.wlan4--1.0.15-A	0 bps	571.995 Kbps	0	65	27,389	27,389	6,873	60.843	0
cv_tcp-3.2-4.wlan4--1.0.15-B	1.44 Mbps	0 bps	166	0	0	27,389	0	0	0
cv_tcp-3.2-4.wlan5--1.0.20-A	0 bps	80.881 Mbps	0	9379	4,952	4,952	1,260	0	0
cv_tcp-3.2-4.wlan5--1.0.20-B	80.919 Mbps	0 bps	9240	0	0	4,952	0	0	0
cv_tcp-3.2-4.wlan6--1.0.25-A	0 bps	63.169 Mbps	0	7330	7,208	7,208	2,987	0	0
cv_tcp-3.2-4.wlan6--1.0.25-B	63.331 Mbps	0 bps	7190	0	0	7,208	0	0	0

Collected CSV Data: [CSV: 6.4.1 Multiple STAs Performance Test 5Ghz AX Run #1 UL](#)

Multi_Sta: Run #1 UL Snapshot 5Ghz AX

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
1.4.14 wlan0	85.882 Mbps	17.126 Mbps	24.665	1200.9 Mbps	864.8 Mbps	802.11an-AX 80 2x2	36	1,135	-41	40:ED:00:14:F5:F3	192.168.0.104	e4:60:17:65:83:8f
1.4.15 wlan1	89.619 Mbps	15.982 Mbps	24.154	1134.2 Mbps	864.8 Mbps	802.11an-AX 80 2x2	36	1,144	-42	40:ED:00:14:F5:F3	192.168.0.101	e4:60:17:65:82:db
1.4.16 wlan2	116.524 Mbps	15.394 Mbps	12.705	1200.9 Mbps	864.8 Mbps	802.11an-AX 80 2x2	36	1,576	-42	40:ED:00:14:F5:F3	192.168.0.116	e4:60:17:65:82:ea
1.4.17 wlan4	119.717 Mbps	1.08 Mbps	42.456	864.8 Mbps	576.4 Mbps	802.11an-AX 80 2x2	36	1,472	-60	40:ED:00:14:F5:F3	192.168.0.63	e4:60:17:66:21:5f
1.4.18 wlan5	89.169 Mbps	10.353 Mbps	29.352	864.8 Mbps	576.4 Mbps	802.11an-AX 80 2x2	36	146	-60	40:ED:00:14:F5:F3	192.168.0.169	e4:60:17:65:83:d0
1.4.19 wlan6	91.292 Mbps	7.634 Mbps	34.083	816.7 Mbps	432.3 Mbps	802.11an-AX 80 2x2	36	139	-60	40:ED:00:14:F5:F3	192.168.0.221	e4:60:17:65:83:08

Port	Tx-Bps 1m	Rx-Bps 1m	Link-Rate	IP	MAC
1.3.2 eth2	222.308 Mbps	416.092 Mbps	10 Gbps	192.168.0.56	9c:69:b4:63:76:c4

Endpoint	Tx-Bps 1m	Rx-Bps 1m	TxPkts	RxPkts	RX Latency (ms)	Round-Trip Latency (ms)	Jitter	Rx Packet Loss %	Rx OOO %
cv_tcp-3.2-4.wlan0--1.0.0-A	98.017 Mbps	0 bps	11344	0	0	10,583	0	0	0
cv_tcp-3.2-4.wlan0--1.0.0-B	0 bps	96.149 Mbps	0	11359	10,583	10,583	6,587	0	0
cv_tcp-3.2-4.wlan1--1.0.5-A	101.932 Mbps	0 bps	11845	0	0	4,217	0	0	0
cv_tcp-3.2-4.wlan1--1.0.5-B	0 bps	101.223 Mbps	0	11812	4,217	4,217	2,085	0.279	0
cv_tcp-3.2-4.wlan2--1.0.10-A	110.727 Mbps	0 bps	13255	0	0	19,425	0	0	0
cv_tcp-3.2-4.wlan2--1.0.10-B	0 bps	110.595 Mbps	0	13218	19,425	19,425	11,091	0.279	0
cv_tcp-3.2-4.wlan4--1.0.15-A	137.05 Mbps	0 bps	15925	0	0	7,772	0	0	0
cv_tcp-3.2-4.wlan4--1.0.15-B	0 bps	137.018 Mbps	0	15902	7,772	7,772	4,879	0.144	0
cv_tcp-3.2-4.wlan5--1.0.20-A	101.548 Mbps	0 bps	11665	0	0	4,351	0	0	0
cv_tcp-3.2-4.wlan5--1.0.20-B	0 bps	101.786 Mbps	0	11670	4,351	4,351	3,476	0	0
cv_tcp-3.2-4.wlan6--1.0.25-A	112.58 Mbps	0 bps	13035	0	0	8,699	0	0	0
cv_tcp-3.2-4.wlan6--1.0.25-B	0 bps	112.941 Mbps	0	12960	8,699	8,699	5,745	0	0

Multi_Sta: Run #2 DL Snapshot 5Ghz AX

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
1.4.14 wlan0	20.506 Mbps	80.654 Mbps	22.365	1200.9 Mbps	864.8 Mbps	802.11an-AX 80 2x2	36	1,135	-41	40:ED:00:14:F5:F3	192.168.0.104	e4:60:17:65:83:8f
1.4.15 wlan1	24.045 Mbps	77.054 Mbps	21.635	1200.9 Mbps	864.8 Mbps	802.11an-AX 80 2x2	36	1,144	-42	40:ED:00:14:F5:F3	192.168.0.101	e4:60:17:65:82:db
1.4.16 wlan2	23.391 Mbps	79.447 Mbps	11.541	1200.9 Mbps	864.8 Mbps	802.11an-AX 80 2x2	36	1,576	-42	40:ED:00:14:F5:F3	192.168.0.116	e4:60:17:65:82:ea
1.4.17 wlan4	19.181 Mbps	52.819 Mbps	32.934	864.8 Mbps	648.5 Mbps	802.11an-AX 80 2x2	36	1,472	-60	40:ED:00:14:F5:F3	192.168.0.63	e4:60:17:66:21:5f
1.4.18 wlan5	18.382 Mbps	53.004 Mbps	24.109	864.8 Mbps	576.4 Mbps	802.11an-AX 80 2x2	36	146	-60	40:ED:00:14:F5:F3	192.168.0.169	e4:60:17:65:83:d0
1.4.19 wlan6	19.402 Mbps	36.856 Mbps	30.658	864.8 Mbps	576.4 Mbps	802.11an-AX 80 2x2	36	139	-60	40:ED:00:14:F5:F3	192.168.0.221	e4:60:17:65:83:08
1.4.20 wlan8	50.392 Kbps	2.039 Mbps	39.347	108 Mbps	72 Mbps	802.11an-AX 80 2x2	36	216	-77	40:ED:00:14:F5:F3	192.168.0.58	e4:60:17:66:21:5a
1.4.21 wlan9	13.123 Kbps	447.114 Kbps	62.797	29.2 Mbps	68.8 Mbps	802.11an-AX 80 2x2	36	111	-76	40:ED:00:14:F5:F3	192.168.0.129	e4:60:17:64:eb:cd
1.4.22 wlan10	15.033 Kbps	592.98 Kbps	48.626	29.2 Mbps	72 Mbps	802.11an-AX 80 2x2	36	106	-77	40:ED:00:14:F5:F3	192.168.0.98	e4:60:17:65:85:e7

Port	Tx-Bps 1m	Rx-Bps 1m	Link-Rate	IP	MAC
1.3.2 eth2	485.412 Mbps	2.532 Mbps	10 Gbps	192.168.0.56	9c:c9:b4:63:76:c4

Endpoint	Tx-Bps 1m	Rx-Bps 1m	TxPkts	RxPkts	RX Latency (ms)	Round-Trip Latency (ms)	Jitter	Rx Packet Loss %	Rx OOO %
cv_tcp-3.2-4.wlan0--1.0.0-A	0 bps	94.143 Mbps	0	11138	6.368	6.368	3.037	0	0
cv_tcp-3.2-4.wlan0--1.0.0-B	94.121 Mbps	0 bps	11120	0	0	6.368	0	0	0
cv_tcp-3.2-4.wlan1--1.0.5-A	0 bps	94.585 Mbps	0	10954	5.190	5.190	1.389	0.055	0
cv_tcp-3.2-4.wlan1--1.0.5-B	94.62 Mbps	0 bps	10960	0	0	5.190	0	0	0
cv_tcp-3.2-4.wlan2--1.0.10-A	0 bps	91.804 Mbps	0	10675	5.751	5.751	1.468	0	0
cv_tcp-3.2-4.wlan2--1.0.10-B	91.731 Mbps	0 bps	10675	0	0	5.751	0	0	0
cv_tcp-3.2-4.wlan4--1.0.15-A	0 bps	65.794 Mbps	0	7631	7.072	7.072	2.307	0	0
cv_tcp-3.2-4.wlan4--1.0.15-B	65.881 Mbps	0 bps	7620	0	0	7.072	0	0	0
cv_tcp-3.2-4.wlan5--1.0.20-A	0 bps	62.681 Mbps	0	7312	7.457	7.457	2.527	0	0
cv_tcp-3.2-4.wlan5--1.0.20-B	62.666 Mbps	0 bps	7280	0	0	7.457	0	0	0
cv_tcp-3.2-4.wlan6--1.0.25-A	0 bps	45.701 Mbps	0	5332	10.410	10.410	11.751	0	0
cv_tcp-3.2-4.wlan6--1.0.25-B	45.931 Mbps	0 bps	5325	0	0	10.410	0	0	0
cv_tcp-3.2-4.wlan8--1.0.30-A	0 bps	2.465 Mbps	0	281	21.002	21.002	1.155	68.068	0
cv_tcp-3.2-4.wlan8--1.0.30-B	7.709 Mbps	0 bps	880	0	0	21.002	0	0	0
cv_tcp-3.2-4.wlan9--1.0.35-A	0 bps	664.948 Kbps	0	76	29.550	29.550	6.877	54.491	0
cv_tcp-3.2-4.wlan9--1.0.35-B	1.472 Mbps	0 bps	167	0	0	29.550	0	0	0
cv_tcp-3.2-4.wlan10--1.0.40-A	0 bps	437.52 Kbps	0	52	35.518	35.518	1.207	55.556	0
cv_tcp-3.2-4.wlan10--1.0.40-B	1.001 Mbps	0 bps	117	0	0	35.518	0	0	0

Multi_Sta: Run #2 UL Snapshot 5Ghz AX

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
1.4.14 wlan0	64.73 Mbps	27.932 Mbps	24.069	1200.9 Mbps	864.8 Mbps	802.11an-AX 80 2x2	36	1,135	-41	40:ED:00:14:F5:F3	192.168.0.104	e4:60:17:65:83:8f
1.4.15 wlan1	64.408 Mbps	27.106 Mbps	23.597	1200.9 Mbps	864.8 Mbps	802.11an-AX 80 2x2	36	1,144	-42	40:ED:00:14:F5:F3	192.168.0.101	e4:60:17:65:82:db
1.4.16 wlan2	88.306 Mbps	25.982 Mbps	14.939	1200.9 Mbps	864.8 Mbps	802.11an-AX 80 2x2	36	1,576	-42	40:ED:00:14:F5:F3	192.168.0.116	e4:60:17:65:82:ea
1.4.17 wlan4	62.339 Mbps	18.464 Mbps	34.695	864.8 Mbps	576.4 Mbps	802.11an-AX 80 2x2	36	1,472	-60	40:ED:00:14:F5:F3	192.168.0.63	e4:60:17:66:21:5f
1.4.18 wlan5	50.838 Mbps	17.492 Mbps	29.783	864.8 Mbps	576.4 Mbps	802.11an-AX 80 2x2	36	146	-60	40:ED:00:14:F5:F3	192.168.0.169	e4:60:17:65:83:d0
1.4.19	54.352 Mbps	12.279 Mbps	31.524	864.8 Mbps	432.3 Mbps	802.11an-	36	139	-60	40:ED:00:14:F5:F3	192.168.0.221	e4:60:17:65:83:08

wlan6						AX 80 2x2						
1.4.20 wlan8	7.01 Mbps	809.788 Kbps	32.848	216.1 Mbps	72 Mbps	802.11a-AX 80 2x2	36	216	-77	40:ED:00:14:F5:F3	192.168.0.58	e4:60:17:66:21:5a
1.4.21 wlan9	4.362 Mbps	433.102 Kbps	41.192	144.1 Mbps	72 Mbps	802.11a-AX 80 2x2	36	111	-76	40:ED:00:14:F5:F3	192.168.0.129	e4:60:17:64:eb:cd
1.4.22 wlan10	6.227 Mbps	514.993 Kbps	37.525	216.1 Mbps	72 Mbps	802.11a-AX 80 2x2	36	106	-77	40:ED:00:14:F5:F3	192.168.0.98	e4:60:17:65:85:e7

Port	Tx-Bps 1m	Rx-Bps 1m	Link-Rate	IP	MAC
1.3.2 eth2	41.977 Mbps	513.314 Mbps	10 Gbps	192.168.0.56	9c:69:b4:63:76:c4

Endpoint	Tx-Bps 1m	Rx-Bps 1m	TxPkts	RxPkts	RX Latency (ms)	Round-Trip Latency (ms)	Jitter	Rx Packet Loss %	Rx OOO %
cv_tcp-3.2-4.wlan0--1.0.0-A	76.885 Mbps	0 bps	9030	0	0	18,241	0	0	0
cv_tcp-3.2-4.wlan0--1.0.0-B	0 bps	76.708 Mbps	0	9037	18,241	18,241	6.686	0	0
cv_tcp-3.2-4.wlan1--1.0.5-A	83.495 Mbps	0 bps	9574	0	0	10,013	0	0	0
cv_tcp-3.2-4.wlan1--1.0.5-B	0 bps	81.754 Mbps	0	9782	10,013	10,013	9.408	0	0
cv_tcp-3.2-4.wlan2--1.0.10-A	95.155 Mbps	0 bps	10825	0	0	6.634	0	0	0
cv_tcp-3.2-4.wlan2--1.0.10-B	0 bps	95.302 Mbps	0	10889	6.634	6.634	5.272	0	0
cv_tcp-3.2-4.wlan4--1.0.15-A	89.225 Mbps	0 bps	10255	0	0	6.629	0	0	0
cv_tcp-3.2-4.wlan4--1.0.15-B	0 bps	88.281 Mbps	0	10281	6.629	6.629	2.904	0	0
cv_tcp-3.2-4.wlan5--1.0.20-A	67.391 Mbps	0 bps	7980	0	0	6.836	0	0	0
cv_tcp-3.2-4.wlan5--1.0.20-B	0 bps	66.757 Mbps	0	7982	6.836	6.836	3.697	0	0
cv_tcp-3.2-4.wlan6--1.0.25-A	86.815 Mbps	0 bps	10029	0	0	472	0	0	0
cv_tcp-3.2-4.wlan6--1.0.25-B	0 bps	85.647 Mbps	0	9942	472	472	69	0.867	0
cv_tcp-3.2-4.wlan8--1.0.30-A	10.875 Mbps	0 bps	1265	0	0	5.764	0	0	0
cv_tcp-3.2-4.wlan8--1.0.30-B	0 bps	10.46 Mbps	0	1222	5,764	5,764	5,125	3.399	0
cv_tcp-3.2-4.wlan9--1.0.35-A	6.653 Mbps	0 bps	956	0	0	21,304	0	0	0
cv_tcp-3.2-4.wlan9--1.0.35-B	0 bps	5.953 Mbps	0	718	21,304	21,304	15,097	22.908	0
cv_tcp-3.2-4.wlan10--1.0.40-A	14.58 Mbps	0 bps	1668	0	0	29,070	0	0	0
cv_tcp-3.2-4.wlan10--1.0.40-B	0 bps	10.411 Mbps	0	1177	29,070	29,070	11,215	28.537	0

Collected CSV Data: CSV: 6.4.1 Multiple STAs Performance Test 6Ghz AXe Run #0 DL

Multi_Sta: Run #0 DL Snapshot 6Ghz AXe

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
1.4.14 wlan0	772.036 Kbps	376.377 Mbps	0.744	2401.9 Mbps	2.402 Gbps	802.11a-AX 160 2x2	259	85	-36	52:ED:00:14:F5:F4	192.168.0.104	e4:60:17:65:83:8f
1.4.15 wlan1	821.628 Kbps	417.492 Mbps	0.94	2401.9 Mbps	2.402 Gbps	802.11a-AX 160 2x2	259	86	-36	52:ED:00:14:F5:F4	192.168.0.101	e4:60:17:65:82:db
1.4.16 wlan2	800.194 Kbps	410.709 Mbps	0.381	2401.9 Mbps	2.402 Gbps	802.11a-AX 160 2x2	259	84	-36	52:ED:00:14:F5:F4	192.168.0.116	e4:60:17:65:82:ea

Port	Tx-Bps 1m	Rx-Bps 1m	Link-Rate	IP	MAC
1.3.2 eth2	1.661 Gbps	2.667 Mbps	10 Gbps	192.168.0.56	9c:69:b4:63:76:c4

Endpoint	Tx-Bps 1m	Rx-Bps 1m	TxPkts	RxPkts	RX Latency (ms)	Round-Trip Latency (ms)	Jitter	Rx Packet Loss %	Rx OOO %
cv_tcp-3.2-4.wlan0--1.0.0-A	0 bps	592.323 Mbps	0	68620	1,652	1,652	674	0	0
cv_tcp-3.2-4.wlan0--1.0.0-B	593.905 Mbps	0 bps	67855	0	0	1,652	0	0	0
cv_tcp-3.2-4.wlan1--1.0.5-A	0 bps	652.613 Mbps	0	75459	1,440	1,440	450	0	0
cv_tcp-3.2-4.wlan1--1.0.5-B	653.272 Mbps	0 bps	75110	0	0	1,440	0	0	0
cv_tcp-3.2-4.wlan2--1.0.10-A	0 bps	631.273 Mbps	0	72981	1,381	1,381	325	0	0
cv_tcp-3.2-4.wlan2--1.0.10-B	631.531 Mbps	0 bps	72465	0	0	1,381	0	0	0

Collected CSV Data: CSV: 6.4.1 Multiple STAs Performance Test 6Ghz AXe Run #0 UL

Multi_Sta: Run #0 UL Snapshot 6Ghz AXe

			Tx-					Last				
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Port	Tx-Bps 1m	Rx-Bps 1m	Fail %	Tx Link-Rate	Rx Link-Rate	Mode	Channel	CX-Time (ms)	RSSI (dBm)	AP	IP	MAC
1.4.14 wlan0	355.328 Mbps	259.886 Mbps	3.468	2401.9 Mbps	2.402 Gbps	802.11a-AX 160 2x2	259	85	-36	52:ED:00:14:F5:F4	192.168.0.104	e4:60:17:65:83:8f
1.4.15 wlan1	398.919 Mbps	293.126 Mbps	3.552	2401.9 Mbps	2.402 Gbps	802.11a-AX 160 2x2	259	86	-36	52:ED:00:14:F5:F4	192.168.0.101	e4:60:17:65:82:db
1.4.16 wlan2	361.847 Mbps	284.088 Mbps	2.565	2401.9 Mbps	2.402 Gbps	802.11a-AX 160 2x2	259	84	-36	52:ED:00:14:F5:F4	192.168.0.116	e4:60:17:65:82:ea

Port	Tx-Bps 1m	Rx-Bps 1m	Link-Rate	IP	MAC
1.3.2 eth2	474.599 Mbps	1.528 Gbps	10 Gbps	192.168.0.56	9c:c69:b4:63:76:c4

Endpoint	Tx-Bps 1m	Rx-Bps 1m	TxPkts	RxPkts	RX Latency (ms)	Round-Trip Latency (ms)	Jitter	Rx Packet Loss %	Rx OOO %
cv_tcp-3.2-4.wlan0--1.0.0-A	598.859 Mbps	0 bps	69300	0	0	4,804	0	0	0
cv_tcp-3.2-4.wlan0--1.0.0-B	0 bps	599.106 Mbps	0	69306	4,804	4,804	1,405	0	0
cv_tcp-3.2-4.wlan1--1.0.5-A	721.086 Mbps	0 bps	83715	0	0	2,667	0	0	0
cv_tcp-3.2-4.wlan1--1.0.5-B	0 bps	720.437 Mbps	0	82589	2,667	2,667	294	0	0
cv_tcp-3.2-4.wlan2--1.0.10-A	668.725 Mbps	0 bps	77645	0	0	2,709	0	0	0
cv_tcp-3.2-4.wlan2--1.0.10-B	0 bps	670.512 Mbps	0	77157	2,709	2,709	367	0	0

Collected CSV Data: [CSV: 6.4.1 Multiple STAs Performance Test 6Ghz AXe Run #1 DL](#)

Multi_Sta: Run #1 DL Snapshot 6Ghz AXe

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
1.4.14 wlan0	276.734 Mbps	199.044 Mbps	2.976	2401.9 Mbps	2.402 Gbps	802.11a-AX 160 2x2	259	85	-36	52:ED:00:14:F5:F4	192.168.0.104	e4:60:17:65:83:8f
1.4.15 wlan1	731.679 Kbps	375.854 Mbps	2.826	2401.9 Mbps	2.402 Gbps	802.11a-AX 160 2x2	259	86	-36	52:ED:00:14:F5:F4	192.168.0.101	e4:60:17:65:82:db
1.4.16 wlan2	735.386 Kbps	376.616 Mbps	1.99	2401.9 Mbps	2.402 Gbps	802.11a-AX 160 2x2	259	84	-37	52:ED:00:14:F5:F4	192.168.0.116	e4:60:17:65:82:ea
1.4.17 wlan4	718.919 Kbps	225.854 Mbps	6.201	1441.3 Mbps	1.921 Gbps	802.11a-AX 160 2x2	259	88	-55	52:ED:00:14:F5:F4	192.168.0.63	e4:60:17:66:21:5f
1.4.18 wlan5	605.703 Kbps	209.578 Mbps	9.829	1441.3 Mbps	1.921 Gbps	802.11a-AX 160 2x2	259	92	-55	52:ED:00:14:F5:F4	192.168.0.169	e4:60:17:65:83:d0
1.4.19 wlan6	655.746 Kbps	200.969 Mbps	11.914	1441.3 Mbps	1.921 Gbps	802.11a-AX 160 2x2	259	87	-55	52:ED:00:14:F5:F4	192.168.0.221	e4:60:17:65:83:08

Port	Tx-Bps 1m	Rx-Bps 1m	Link-Rate	IP	MAC
1.3.2 eth2	1.179 Gbps	660.909 Mbps	10 Gbps	192.168.0.56	9c:c69:b4:63:76:c4

Endpoint	Tx-Bps 1m	Rx-Bps 1m	TxPkts	RxPkts	RX Latency (ms)	Round-Trip Latency (ms)	Jitter	Rx Packet Loss %	Rx OOO %
cv_tcp-3.2-4.wlan0--1.0.0-A	0 bps	359.12 Mbps	0	41547	1,331	1,331	417	0	0
cv_tcp-3.2-4.wlan0--1.0.0-B	358.186 Mbps	0 bps	41170	0	0	1,331	0	0	0
cv_tcp-3.2-4.wlan1--1.0.5-A	0 bps	358.999 Mbps	0	41468	1,948	1,948	221	0	0
cv_tcp-3.2-4.wlan1--1.0.5-B	356.512 Mbps	0 bps	40970	0	0	1,948	0	0	0
cv_tcp-3.2-4.wlan2--1.0.10-A	0 bps	358.461 Mbps	0	41580	1,476	1,476	764	0	0
cv_tcp-3.2-4.wlan2--1.0.10-B	356.38 Mbps	0 bps	40970	0	0	1,476	0	0	0
cv_tcp-3.2-4.wlan4--1.0.15-A	0 bps	213.115 Mbps	0	24717	3,073	3,073	2,025	0	0
cv_tcp-3.2-4.wlan4--1.0.15-B	213.587 Mbps	0 bps	24665	0	0	3,073	0	0	0
cv_tcp-3.2-4.wlan5--1.0.20-A	0 bps	202.247 Mbps	0	23535	3,554	3,554	1,706	0	0
cv_tcp-3.2-4.wlan5--1.0.20-B	200.066 Mbps	0 bps	23015	0	0	3,554	0	0	0
cv_tcp-3.2-4.wlan6--1.0.25-A	0 bps	194.876 Mbps	0	22670	3,471	3,471	1,194	0	0
cv_tcp-3.2-4.wlan6--1.0.25-B	196.104 Mbps	0 bps	22585	0	0	3,471	0	0	0

Multi_Sta: Run #1 UL Snapshot 6Ghz AXe

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
1.4.14 wlan0	590.417 Mbps	1.27 Mbps	4.195	2401.9 Mbps	2.402 Gbps	802.11a-AX 160 2x2	259	85	-36	52:ED:00:14:F5:F4	192.168.0.104	e4:60:17:65:83:8f
1.4.15 wlan1	581.372 Mbps	15.958 Mbps	4.48	2401.9 Mbps	2.402 Gbps	802.11a-AX 160 2x2	259	86	-36	52:ED:00:14:F5:F4	192.168.0.101	e4:60:17:65:82:db
1.4.16 wlan2	582.229 Mbps	17.435 Mbps	2.939	2401.9 Mbps	2.402 Gbps	802.11a-AX 160 2x2	259	84	-36	52:ED:00:14:F5:F4	192.168.0.116	e4:60:17:65:82:ea
1.4.17 wlan4	24.908 Mbps	5.746 Mbps	14.007	1441.3 Mbps	1.921 Gbps	802.11a-AX 160 2x2	259	88	-55	52:ED:00:14:F5:F4	192.168.0.63	e4:60:17:66:21:5f
1.4.18 wlan5	22.377 Mbps	7.547 Mbps	16.566	1441.3 Mbps	1.921 Gbps	802.11a-AX 160 2x2	259	92	-55	52:ED:00:14:F5:F4	192.168.0.169	e4:60:17:65:83:d0
1.4.19 wlan6	7.466 Mbps	2.217 Mbps	19.43	1225.1 Mbps	1.921 Gbps	802.11a-AX 160 2x2	259	87	-56	52:ED:00:14:F5:F4	192.168.0.221	e4:60:17:65:83:08

Port	Tx-Bps 1m	Rx-Bps 1m	Link-Rate	IP	MAC
1.3.2 eth2	691.109 Mbps	1.192 Gbps	10 Gbps	192.168.0.56	9c:69:b4:63:76:c4

Endpoint	Tx-Bps 1m	Rx-Bps 1m	TxPkts	RxPkts	RX Latency (ms)	Round-Trip Latency (ms)	Jitter	Rx Packet Loss %	Rx OOO %
cv_tcp-3.2-4.wlan0--1.0.0-A	622.118 Mbps	0 bps	73270	0	0	2.664	0	0	0
cv_tcp-3.2-4.wlan0--1.0.0-B	0 bps	621.842 Mbps	0	73138	2.664	2.664	609	0	0
cv_tcp-3.2-4.wlan1--1.0.5-A	620.649 Mbps	0 bps	72690	0	0	2.889	0	0	0
cv_tcp-3.2-4.wlan1--1.0.5-B	0 bps	620.339 Mbps	0	72449	2.889	2.889	310	0	0
cv_tcp-3.2-4.wlan2--1.0.10-A	616.297 Mbps	0 bps	71090	0	0	2.271	0	0	0
cv_tcp-3.2-4.wlan2--1.0.10-B	0 bps	616.488 Mbps	0	70922	2.271	2.271	375	0	0
cv_tcp-3.2-4.wlan4--1.0.15-A	22.623 Mbps	0 bps	2575	0	0	30.642	0	0	0
cv_tcp-3.2-4.wlan4--1.0.15-B	0 bps	22.174 Mbps	0	2529	30.642	30.642	22,507	0	0
cv_tcp-3.2-4.wlan5--1.0.20-A	19.165 Mbps	0 bps	2410	0	0	34,709	0	0	0
cv_tcp-3.2-4.wlan5--1.0.20-B	0 bps	18.944 Mbps	0	2330	34,709	34,709	27,276	0.207	0
cv_tcp-3.2-4.wlan6--1.0.25-A	4.235 Mbps	0 bps	480	0	0	17,008	0	0	0
cv_tcp-3.2-4.wlan6--1.0.25-B	0 bps	4.277 Mbps	0	484	17,008	17,008	12,574	0	0

Multi_Sta: Run #2 DL Snapshot 6Ghz AXe

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
1.4.14 wlan0	68 Mbps	311.507 Mbps	4.255	2401.9 Mbps	2.402 Gbps	802.11a-AX 160 2x2	259	85	-36	52:ED:00:14:F5:F4	192.168.0.104	e4:60:17:65:83:8f
1.4.15 wlan1	76.122 Mbps	302.157 Mbps	4.278	2401.9 Mbps	2.402 Gbps	802.11a-AX 160 2x2	259	86	-36	52:ED:00:14:F5:F4	192.168.0.101	e4:60:17:65:82:db
1.4.16 wlan2	60.242 Mbps	308.629 Mbps	2.79	2401.9 Mbps	2.402 Gbps	802.11a-AX 160 2x2	259	84	-36	52:ED:00:14:F5:F4	192.168.0.116	e4:60:17:65:82:ea
1.4.17 wlan4	5.551 Mbps	174.816 Mbps	12.441	1361.2 Mbps	1.921 Gbps	802.11a-AX 160 2x2	259	88	-55	52:ED:00:14:F5:F4	192.168.0.63	e4:60:17:66:21:5f
1.4.18						802.11a-						

wlan5	2.434 Mbps	191.012 Mbps	14.115	1361.2 Mbps	1.921 Gbps	AX 160 2x2	259	92	-55	52:ED:00:14:F5:F4	192.168.0.169	e4:60:17:65:83:d0
1.4.19 wlan6	536.918 Kbps	144.4 Mbps	16.568	1441.3 Mbps	1.921 Gbps	802.11a- AX 160 2x2	259	87	-55	52:ED:00:14:F5:F4	192.168.0.221	e4:60:17:65:83:08
1.4.20 wlan8	45.451 Kbps	3.492 Mbps	47.929	24 Mbps	576.4 Mbps	802.11a- AX 160 2x2	259	96	-65	52:ED:00:14:F5:F4	192.168.0.58	e4:60:17:66:21:5a
1.4.21 wlan9	79.359 Kbps	5.989 Mbps	37.918	43.8 Mbps	864.6 Mbps	802.11a- AX 160 2x2	259	92	-65	52:ED:00:14:F5:F4	192.168.0.129	e4:60:17:64:eb:cd
1.4.22 wlan10	5.702 Kbps	189.01 Kbps	59.889	29.2 Mbps	576.4 Mbps	802.11a- AX 160 2x2	259	100	-65	52:ED:00:14:F5:F4	192.168.0.98	e4:60:17:65:85:e7

Port	Tx-Bps 1m	Rx-Bps 1m	Link-Rate	IP	MAC
1.3.2 eth2	1.688 Gbps	3.268 Mbps	10 Gbps	192.168.0.56	9c:69:b4:63:76:c4

Endpoint	Tx-Bps 1m	Rx-Bps 1m	TxPkts	RxPkts	RX Latency (ms)	Round-Trip Latency (ms)	Jitter	Rx Packet Loss %	Rx OOO %
cv_tcp-3.2-4.wlan0--1.0.0-A	0 bps	333.824 Mbps	0	39036	2.587	2.587	565	0	0
cv_tcp-3.2-4.wlan0--1.0.0-B	334.653 Mbps	0 bps	38870	0	0	2.587	0	0	0
cv_tcp-3.2-4.wlan1--1.0.5-A	0 bps	343.179 Mbps	0	40707	1.891	1.891	585	0	0
cv_tcp-3.2-4.wlan1--1.0.5-B	343.106 Mbps	0 bps	40715	0	0	1.891	0	0	0
cv_tcp-3.2-4.wlan2--1.0.10-A	0 bps	354.735 Mbps	0	41287	2.084	2.084	591	0	0
cv_tcp-3.2-4.wlan2--1.0.10-B	354.613 Mbps	0 bps	41250	0	0	2.084	0	0	0
cv_tcp-3.2-4.wlan4--1.0.15-A	0 bps	193.544 Mbps	0	22082	3.354	3.354	1,008	0.181	0
cv_tcp-3.2-4.wlan4--1.0.15-B	193.9 Mbps	0 bps	22122	0	0	3.354	0	0	0
cv_tcp-3.2-4.wlan5--1.0.20-A	0 bps	214.385 Mbps	0	25122	2.660	2.660	787	0	0
cv_tcp-3.2-4.wlan5--1.0.20-B	213.886 Mbps	0 bps	25015	0	0	2.660	0	0	0
cv_tcp-3.2-4.wlan6--1.0.25-A	0 bps	176.122 Mbps	0	20558	2.357	2.357	736	0	0
cv_tcp-3.2-4.wlan6--1.0.25-B	176.616 Mbps	0 bps	20485	0	0	2.357	0	0	0
cv_tcp-3.2-4.wlan8--1.0.30-A	0 bps	1.344 Mbps	0	171	22.369	22.369	1,609	71.736	0
cv_tcp-3.2-4.wlan8--1.0.30-B	4.582 Mbps	0 bps	605	0	0	22.369	0	0	0
cv_tcp-3.2-4.wlan9--1.0.35-A	0 bps	1.152 Mbps	0	131	48.022	48.022	469	51.481	0
cv_tcp-3.2-4.wlan9--1.0.35-B	2.317 Mbps	0 bps	270	0	0	48.022	0	0	0
cv_tcp-3.2-4.wlan10--1.0.40-A	0 bps	197.642 Kbps	0	23	40.548	40.548	6,029	55.769	0
cv_tcp-3.2-4.wlan10--1.0.40-B	487.296 Kbps	0 bps	52	0	0	40.548	0	0	0

[Collected CSV Data: CSV: 6.4.1 Multiple STAs Performance Test 6Ghz AXe Run #2 UL](#)

Multi_Sta: Run #2 UL Snapshot 6Ghz AXe

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
1.4.14 wlan0	380.368 Mbps	63.914 Mbps	12.3	2401.9 Mbps	2.402 Gbps	802.11a- AX 160 2x2	259	85	-36	52:ED:00:14:F5:F4	192.168.0.104	e4:60:17:65:83:8f
1.4.15 wlan1	374.74 Mbps	78.489 Mbps	18.097	2401.9 Mbps	2.402 Gbps	802.11a- AX 160 2x2	259	86	-36	52:ED:00:14:F5:F4	192.168.0.101	e4:60:17:65:82:db
1.4.16 wlan2	370.889 Mbps	81.034 Mbps	13.327	2401.9 Mbps	2.402 Gbps	802.11a- AX 160 2x2	259	84	-36	52:ED:00:14:F5:F4	192.168.0.116	e4:60:17:65:82:ea
1.4.17 wlan4	30.394 Mbps	46.05 Mbps	20.852	1441.3 Mbps	1.921 Gbps	802.11a- AX 160 2x2	259	88	-55	52:ED:00:14:F5:F4	192.168.0.63	e4:60:17:66:21:5f
1.4.18 wlan5	6.927 Mbps	42.746 Mbps	21.375	1361.2 Mbps	7.3 Mbps	802.11a- AX 160 2x2	259	92	-56	52:ED:00:14:F5:F4	192.168.0.169	e4:60:17:65:83:d0
1.4.19 wlan6	4.64 Mbps	39.203 Mbps	17.942	6 Mbps	1.73 Gbps	802.11a- AX 160 2x2	259	156	-54	52:ED:00:14:F5:F4	192.168.0.221	e4:60:17:65:83:08
1.4.20 wlan8	416.513 Kbps	1.35 Mbps	48.902	288.2 Mbps	864.6 Mbps	802.11a- AX 160 2x2	259	96	-66	52:ED:00:14:F5:F4	192.168.0.58	e4:60:17:66:21:5a
1.4.21 wlan9	4.091 Mbps	968.159 Kbps	41.07	6 Mbps	7.3 Mbps	802.11a- AX 160 2x2	259	92	-68	52:ED:00:14:F5:F4	192.168.0.129	e4:60:17:64:eb:cd
1.4.22 wlan10	1.152 Mbps	285.931 Kbps	54.245	29.2 Mbps	7.3 Mbps	802.11a- AX 160 2x2	259	327	-72	52:ED:00:14:F5:F4	192.168.0.98	e4:60:17:65:85:e7

Port	Tx-Bps 1m	Rx-Bps 1m	Link-Rate	IP	MAC
1.3.2 eth2	138.536 Mbps	1.419 Gbps	10 Gbps	192.168.0.56	9c:69:b4:63:76:c4

Endpoint	Tx-Bps 1m	Rx-Bps 1m	TxPkts	RxPkts	RX Latency (ms)	Round-Trip Latency (ms)	Jitter	Rx Packet Loss %	Rx OOO %
cv_tcp-3.2-4.wlan0--1.0.0-A	485.507 Mbps	0 bps	56150	0	0	2,899	0	0	0
cv_tcp-3.2-4.wlan0--1.0.0-B	0 bps	484.264 Mbps	0	55991	2,899	2,899	374	0	0
cv_tcp-3.2-4.wlan1--1.0.5-A	489.936 Mbps	0 bps	56630	0	0	1,309	0	0	0
cv_tcp-3.2-4.wlan1--1.0.5-B	0 bps	489.319 Mbps	0	56471	1,309	1,309	624	0	0
cv_tcp-3.2-4.wlan2--1.0.10-A	485.457 Mbps	0 bps	56645	0	0	3,090	0	0	0
cv_tcp-3.2-4.wlan2--1.0.10-B	0 bps	485.246 Mbps	0	56455	3,090	3,090	1,794	0	0
cv_tcp-3.2-4.wlan4--1.0.15-A	25.136 Mbps	0 bps	3100	0	0	16,959	0	0	0
cv_tcp-3.2-4.wlan4--1.0.15-B	0 bps	25.118 Mbps	0	3096	16,959	16,959	18,494	0.129	0
cv_tcp-3.2-4.wlan5--1.0.20-A	6.238 Mbps	0 bps	740	0	0	42,569	0	0	0
cv_tcp-3.2-4.wlan5--1.0.20-B	0 bps	5.902 Mbps	0	686	42,569	42,569	16,719	0	0
cv_tcp-3.2-4.wlan6--1.0.25-A	283.427 Kbps	0 bps	64	0	0	14,076	0	0	0
cv_tcp-3.2-4.wlan6--1.0.25-B	0 bps	113.638 Kbps	0	34	14,076	14,076	0	46.875	0
cv_tcp-3.2-4.wlan8--1.0.30-A	575.467 Kbps	0 bps	63	0	0	12,525	0	0	0
cv_tcp-3.2-4.wlan8--1.0.30-B	0 bps	530.693 Kbps	0	58	12,525	12,525	7,513	7.937	0
cv_tcp-3.2-4.wlan9--1.0.35-A	5.178 Mbps	0 bps	589	0	0	2,147	0	0	0
cv_tcp-3.2-4.wlan9--1.0.35-B	0 bps	5.201 Mbps	0	590	2,147	2,147	1,009	0	0
cv_tcp-3.2-4.wlan10--1.0.40-A	1.27 Mbps	0 bps	171	0	0	6,188	0	0	0
cv_tcp-3.2-4.wlan10--1.0.40-B	0 bps	1.275 Mbps	0	169	6,188	6,188	0	1.170	0

Collected CSV Data: CSV: 6.4.1 Multiple STAs Performance Test 2.4Ghz BE Run #0 DL

Multi_Sta: Run #0 DL Snapshot 2.4Ghz BE

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
1.4.14 wlan0	434.564 Kbps	50.855 Mbps	16.617	344.1 Mbps	344.1 Mbps	802.11bgn-BE 20 2x2	6	478	-36	40:ED:00:14:F5:F2	192.168.0.104	e4:60:17:65:83:8f
1.4.15 wlan1	427.701 Kbps	53.053 Mbps	22.97	344.1 Mbps	344.1 Mbps	802.11bgn-BE 20 2x2	6	126	-36	40:ED:00:14:F5:F2	192.168.0.101	e4:60:17:65:82:db
1.4.16 wlan2	430.491 Kbps	52.677 Mbps	15.387	309.6 Mbps	344.1 Mbps	802.11bgn-BE 20 2x2	6	95	-36	40:ED:00:14:F5:F2	192.168.0.116	e4:60:17:65:82:ea

Port	Tx-Bps 1m	Rx-Bps 1m	Link-Rate	IP	MAC
1.3.2 eth2	233.714 Mbps	1.497 Mbps	10 Gbps	192.168.0.56	9c:69:b4:63:76:c4

Endpoint	Tx-Bps 1m	Rx-Bps 1m	TxPkts	RxPkts	RX Latency (ms)	Round-Trip Latency (ms)	Jitter	Rx Packet Loss %	Rx OOO %
cv_tcp-3.2-4.wlan0--1.0.0-A	0 bps	76.125 Mbps	0	8848	13,736	13,736	2,662	0	0
cv_tcp-3.2-4.wlan0--1.0.0-B	76.669 Mbps	0 bps	8840	0	0	13,736	0	0	0
cv_tcp-3.2-4.wlan1--1.0.5-A	0 bps	79.132 Mbps	0	9221	12,522	12,522	2,621	0	0
cv_tcp-3.2-4.wlan1--1.0.5-B	79.387 Mbps	0 bps	9200	0	0	12,522	0	0	0
cv_tcp-3.2-4.wlan2--1.0.10-A	0 bps	79.679 Mbps	0	9259	11,590	11,590	3,136	0.065	0
cv_tcp-3.2-4.wlan2--1.0.10-B	80.377 Mbps	0 bps	9265	0	0	11,590	0	0	0

Collected CSV Data: CSV: 6.4.1 Multiple STAs Performance Test 2.4Ghz BE Run #0 UL

Multi_Sta: Run #0 UL Snapshot 2.4Ghz BE

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
1.4.14 wlan0	37.833 Mbps	32.484 Mbps	37.217	344.1 Mbps	309.6 Mbps	802.11bgn-BE 20 2x2	6	478	-35	40:ED:00:14:F5:F2	192.168.0.104	e4:60:17:65:83:8f
1.4.15 wlan1	35.449 Mbps	34.758 Mbps	36.334	344.1 Mbps	344.1 Mbps	802.11bgn-BE 20 2x2	6	126	-35	40:ED:00:14:F5:F2	192.168.0.101	e4:60:17:65:82:db
1.4.16 wlan2	40.057 Mbps	34.764 Mbps	33.095	344.1 Mbps	344.1 Mbps	802.11bgn-BE 20 2x2	6	95	-35	40:ED:00:14:F5:F2	192.168.0.116	e4:60:17:65:82:ea

Port	Tx-Bps 1m	Rx-Bps 1m	Link-Rate	IP	MAC
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1.3.2 eth2| 45.153 Mbps| 162.03 Mbps| 10 Gbps| 192.168.0.56| 9c:69:b4:63:76:c4|

Endpoint	Tx-Bps 1m	Rx-Bps 1m	TxPkts	RxPkts	RX Latency (ms)	Round-Trip Latency (ms)	Jitter	Rx Packet Loss %	Rx OOO %
cv_tcp-3.2-4.wlan0--1.0.0-A	62.782 Mbps	0 bps	7330	0	0	4.275	0	0	0
cv_tcp-3.2-4.wlan0--1.0.0-B	0 bps	62.63 Mbps	0	7275	4.275	4.275	2.933	0	0
cv_tcp-3.2-4.wlan1--1.0.5-A	58.866 Mbps	0 bps	6875	0	0	3.461	0	0	0
cv_tcp-3.2-4.wlan1--1.0.5-B	0 bps	58.682 Mbps	0	6757	3.461	3.461	1.834	0.116	0
cv_tcp-3.2-4.wlan2--1.0.10-A	69.689 Mbps	0 bps	8120	0	0	6.803	0	0	0
cv_tcp-3.2-4.wlan2--1.0.10-B	0 bps	70.401 Mbps	0	8092	6.803	6.803	2.191	0	0

Collected CSV Data: CSV: 6.4.1 Multiple STAs Performance Test 2.4Ghz BE Run #1 DL

Multi_Sta: Run #1 DL Snapshot 2.4Ghz BE

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
1.4.14 wlan0	26.813 Mbps	27 Mbps	34.327	229.4 Mbps	344.1 Mbps	802.11bgn-BE 20 2x2	6	478	-36	40:ED:00:14:F5:F2	192.168.0.104	e4:60:17:65:83:8f
1.4.15 wlan1	26.295 Mbps	24.784 Mbps	33.176	344.1 Mbps	344.1 Mbps	802.11bgn-BE 20 2x2	6	126	-36	40:ED:00:14:F5:F2	192.168.0.101	e4:60:17:65:82:db
1.4.16 wlan2	31.427 Mbps	23.892 Mbps	30.444	309.6 Mbps	344.1 Mbps	802.11bgn-BE 20 2x2	6	95	-36	40:ED:00:14:F5:F2	192.168.0.116	e4:60:17:65:82:ea
1.4.17 wlan4	183.957 Kbps	20.699 Mbps	15.253	309.6 Mbps	344.1 Mbps	802.11bgn-BE 20 2x2	6	96	-52	40:ED:00:14:F5:F2	192.168.0.63	e4:60:17:66:21:5f
1.4.18 wlan5	190.672 Kbps	16.193 Mbps	15.182	309.6 Mbps	344.1 Mbps	802.11bgn-BE 20 2x2	6	77	-52	40:ED:00:14:F5:F2	192.168.0.169	e4:60:17:65:83:d0
1.4.19 wlan6	155.538 Kbps	16.447 Mbps	16.358	309.6 Mbps	344.1 Mbps	802.11bgn-BE 20 2x2	6	84	-52	40:ED:00:14:F5:F2	192.168.0.221	e4:60:17:65:83:08

Port	Tx-Bps 1m	Rx-Bps 1m	Link-Rate	IP	MAC
1.3.2 eth2	179.569 Mbps	53.923 Mbps	10 Gbps	192.168.0.56	9c:69:b4:63:76:c4

Endpoint	Tx-Bps 1m	Rx-Bps 1m	TxPkts	RxPkts	RX Latency (ms)	Round-Trip Latency (ms)	Jitter	Rx Packet Loss %	Rx OOO %
cv_tcp-3.2-4.wlan0--1.0.0-A	0 bps	45.33 Mbps	0	5282	25.403	25.403	525	0	0
cv_tcp-3.2-4.wlan0--1.0.0-B	45.222 Mbps	0 bps	5380	0	0	25.403	0	0	0
cv_tcp-3.2-4.wlan1--1.0.5-A	0 bps	43.779 Mbps	0	5119	23.527	23.527	2.605	0	0
cv_tcp-3.2-4.wlan1--1.0.5-B	44.342 Mbps	0 bps	5210	0	0	23.527	0	0	0
cv_tcp-3.2-4.wlan2--1.0.10-A	0 bps	41.989 Mbps	0	4891	20.584	20.584	13.885	2.860	0
cv_tcp-3.2-4.wlan2--1.0.10-B	41.975 Mbps	0 bps	5035	0	0	20.584	0	0	0
cv_tcp-3.2-4.wlan4--1.0.15-A	0 bps	37.486 Mbps	0	4367	13.529	13.529	4.169	0	0
cv_tcp-3.2-4.wlan4--1.0.15-B	37.44 Mbps	0 bps	4350	0	0	13.529	0	0	0
cv_tcp-3.2-4.wlan5--1.0.20-A	0 bps	30.028 Mbps	0	3528	7.095	7.095	5.212	0	0
cv_tcp-3.2-4.wlan5--1.0.20-B	29.913 Mbps	0 bps	3510	0	0	7.095	0	0	0
cv_tcp-3.2-4.wlan6--1.0.25-A	0 bps	31.579 Mbps	0	3590	5.712	5.712	1.492	0	0
cv_tcp-3.2-4.wlan6--1.0.25-B	31.186 Mbps	0 bps	3561	0	0	5.712	0	0	0

Collected CSV Data: CSV: 6.4.1 Multiple STAs Performance Test 2.4Ghz BE Run #1 UL

Multi_Sta: Run #1 UL Snapshot 2.4Ghz BE

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
1.4.14 wlan0	46.588 Mbps	497.53 Kbps	40.66	344.1 Mbps	344.1 Mbps	802.11bgn-BE 20 2x2	6	478	-35	40:ED:00:14:F5:F2	192.168.0.104	e4:60:17:65:83:8f
1.4.15 wlan1	51.346 Mbps	1.065 Mbps	36.781	344.1 Mbps	309.6 Mbps	802.11bgn-BE 20 2x2	6	126	-35	40:ED:00:14:F5:F2	192.168.0.101	e4:60:17:65:82:db
1.4.16 wlan2	50.573 Mbps	572.684 Kbps	53.428	344.1 Mbps	344.1 Mbps	802.11bgn-BE 20 2x2	6	95	-35	40:ED:00:14:F5:F2	192.168.0.116	e4:60:17:65:82:ea
1.4.17 wlan4	10.921 Mbps	197.752 Kbps	33.885	258 Mbps	344.1 Mbps	802.11bgn-BE 20 2x2	6	96	-51	40:ED:00:14:F5:F2	192.168.0.63	e4:60:17:66:21:5f
1.4.18 wlan5	13.492 Mbps	229.549 Kbps	28.752	143.3 Mbps	344.1 Mbps	802.11bgn-BE 20 2x2	6	77	-51	40:ED:00:14:F5:F2	192.168.0.169	e4:60:17:65:83:d0
1.4.19 wlan6	11.916 Mbps	198.426 Kbps	30.2	309.6 Mbps	309.6 Mbps	802.11bgn-BE 20 2x2	6	84	-52	40:ED:00:14:F5:F2	192.168.0.221	e4:60:17:65:83:08

Port	Tx-Bps 1m	Rx-Bps 1m	Link-Rate	IP	MAC
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1.3.2 eth2 86.671 Mbps 120.581 Mbps 10 Gbps 192.168.0.56 9c:69:b4:63:76:c4

Endpoint	Tx-Bps 1m	Rx-Bps 1m	TxPkts	RxPkts	RX Latency (ms)	Round-Trip Latency (ms)	Jitter	Rx Packet Loss %	Rx OOO %
cv_tcp-3.2-4.wlan0--1.0.0-A	46.775 Mbps	0 bps	5435	0	0	5,401	0	0	0
cv_tcp-3.2-4.wlan0--1.0.0-B	0 bps	46.565 Mbps	0	5427	5,401	5,401	1,352	0.147	0
cv_tcp-3.2-4.wlan1--1.0.5-A	49.194 Mbps	0 bps	5705	0	0	3,656	0	0	0
cv_tcp-3.2-4.wlan1--1.0.5-B	0 bps	49.063 Mbps	0	5781	3,656	3,656	1,518	0	0
cv_tcp-3.2-4.wlan2--1.0.10-A	49.632 Mbps	0 bps	5708	0	0	5,297	0	0	0
cv_tcp-3.2-4.wlan2--1.0.10-B	0 bps	48.899 Mbps	0	5610	5,297	5,297	3,225	0.315	0
cv_tcp-3.2-4.wlan4--1.0.15-A	11.833 Mbps	0 bps	1535	0	0	17,945	0	0	0
cv_tcp-3.2-4.wlan4--1.0.15-B	0 bps	11.09 Mbps	0	1342	17,945	17,945	9,883	9.642	0
cv_tcp-3.2-4.wlan5--1.0.20-A	13.824 Mbps	0 bps	1574	0	0	23,910	0	0	0
cv_tcp-3.2-4.wlan5--1.0.20-B	0 bps	13.607 Mbps	0	1550	23,910	23,910	13,057	0	0
cv_tcp-3.2-4.wlan6--1.0.25-A	12.288 Mbps	0 bps	1405	0	0	24,252	0	0	0
cv_tcp-3.2-4.wlan6--1.0.25-B	0 bps	11.677 Mbps	0	1330	24,252	24,252	14,437	1.068	0

Collected CSV Data: CSV: 6.4.1 Multiple STAs Performance Test 2.4Ghz BE Run #2 DL

Multi_Sta: Run #2 DL Snapshot 2.4Ghz BE

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
1.4.14 wlan0	768.913 Kbps	41.143 Mbps	38.612	309.6 Mbps	344.1 Mbps	802.11bgn-BE 20 2x2	6	478	-36	40:ED:00:14:F5:F2	192.168.0.104	e4:60:17:65:83:8f
1.4.15 wlan1	5.877 Mbps	37.413 Mbps	35.853	344.1 Mbps	344.1 Mbps	802.11bgn-BE 20 2x2	6	126	-36	40:ED:00:14:F5:F2	192.168.0.101	e4:60:17:65:82:db
1.4.16 wlan2	2.555 Mbps	38.085 Mbps	50.522	344.1 Mbps	286.7 Mbps	802.11bgn-BE 20 2x2	6	95	-35	40:ED:00:14:F5:F2	192.168.0.116	e4:60:17:65:82:ea
1.4.17 wlan4	1.354 Mbps	28.635 Mbps	32.571	309.6 Mbps	344.1 Mbps	802.11bgn-BE 20 2x2	6	96	-52	40:ED:00:14:F5:F2	192.168.0.63	e4:60:17:66:21:5f
1.4.18 wlan5	1.012 Mbps	25.022 Mbps	26.387	258 Mbps	344.1 Mbps	802.11bgn-BE 20 2x2	6	77	-52	40:ED:00:14:F5:F2	192.168.0.169	e4:60:17:65:83:d0
1.4.19 wlan6	2.07 Mbps	34.828 Mbps	29.273	309.6 Mbps	344.1 Mbps	802.11bgn-BE 20 2x2	6	84	-52	40:ED:00:14:F5:F2	192.168.0.221	e4:60:17:65:83:08
1.4.20 wlan8	5.623 Kbps	200.923 Kbps	9.658	34.4 Mbps	172 Mbps	802.11bgn-BE 20 2x2	6	76	-64	40:ED:00:14:F5:F2	192.168.0.58	e4:60:17:66:21:5a
1.4.21 wlan9	18.349 Kbps	719.379 Kbps	15.597	86 Mbps	206.5 Mbps	802.11bgn-BE 20 2x2	6	99	-64	40:ED:00:14:F5:F2	192.168.0.129	e4:60:17:64:eb:cd
1.4.22 wlan10	5.398 Kbps	160.794 Kbps	9.985	34.4 Mbps	172 Mbps	802.11bgn-BE 20 2x2	6	84	-64	40:ED:00:14:F5:F2	192.168.0.98	e4:60:17:65:85:e7

Port	Tx-Bps 1m	Rx-Bps 1m	Link-Rate	IP	MAC
1.3.2 eth2	136.671 Mbps	80.174 Mbps	10 Gbps	192.168.0.56	9c:69:b4:63:76:c4

Endpoint	Tx-Bps 1m	Rx-Bps 1m	TxPkts	RxPkts	RX Latency (ms)	Round-Trip Latency (ms)	Jitter	Rx Packet Loss %	Rx OOO %
cv_tcp-3.2-4.wlan0--1.0.0-A	0 bps	38.888 Mbps	0	4504	26,843	26,843	1,264	0.240	0
cv_tcp-3.2-4.wlan0--1.0.0-B	38.815 Mbps	0 bps	4575	0	0	26,843	0	0	0
cv_tcp-3.2-4.wlan1--1.0.5-A	0 bps	38.129 Mbps	0	4424	26,574	26,574	335	0	0
cv_tcp-3.2-4.wlan1--1.0.5-B	38.142 Mbps	0 bps	4490	0	0	26,574	0	0	0
cv_tcp-3.2-4.wlan2--1.0.10-A	0 bps	39.942 Mbps	0	4634	14,050	14,050	4,570	0	0
cv_tcp-3.2-4.wlan2--1.0.10-B	39.828 Mbps	0 bps	4660	0	0	14,050	0	0	0
cv_tcp-3.2-4.wlan4--1.0.15-A	0 bps	33.937 Mbps	0	3949	6,588	6,588	744	0	0
cv_tcp-3.2-4.wlan4--1.0.15-B	33.794 Mbps	0 bps	3965	0	0	6,588	0	0	0
cv_tcp-3.2-4.wlan5--1.0.20-A	0 bps	28.792 Mbps	0	3292	4,001	4,001	1,443	0	0
cv_tcp-3.2-4.wlan5--1.0.20-B	28.767 Mbps	0 bps	3330	0	0	4,001	0	0	0
cv_tcp-3.2-4.wlan6--1.0.25-A	0 bps	35.305 Mbps	0	4115	16,687	16,687	6,091	0	0
cv_tcp-3.2-4.wlan6--1.0.25-B	35.281 Mbps	0 bps	4095	0	0	16,687	0	0	0
cv_tcp-3.2-4.wlan8--1.0.30-A	0 bps	220.632 Kbps	0	23	37,379	37,379	4,643	67.143	0
cv_tcp-3.2-4.wlan8--1.0.30-B	641.049 Kbps	0 bps	70	0	0	37,379	0	0	0
cv_tcp-3.2-4.wlan9--1.0.35-A	0 bps	1.936 Mbps	0	223	12,960	12,960	775	58.365	0
cv_tcp-3.2-4.wlan9--1.0.35-B	9.117 Mbps	0 bps	1040	0	0	12,960	0	0	0
cv_tcp-3.2-4.wlan10--1.0.40-A	0 bps	181.843 Kbps	0	20	51,426	51,426	7,437	60.000	0
cv_tcp-3.2-4.wlan10--1.0.40-B	451.607 Kbps	0 bps	50	0	0	51,426	0	0	0

Collected CSV Data: CSV: 6.4.1 Multiple STAs Performance Test 2.4Ghz BE Run #2 UL

Multi_Sta: Run #2 UL Snapshot 2.4Ghz BE

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
1.4.14 wlan0	37.047 Mbps	5.176 Mbps	38.705	344.1 Mbps	309.6 Mbps	802.11bgn-BE 20 2x2	6	478	-35	40:ED:00:14:F5:F2	192.168.0.104	e4:60:17:65:83:8f
1.4.15 wlan1	40.296 Mbps	7.774 Mbps	39.234	229.4 Mbps	309.6 Mbps	802.11bgn-BE 20 2x2	6	126	-35	40:ED:00:14:F5:F2	192.168.0.101	e4:60:17:65:82:db
1.4.16 wlan2	43.458 Mbps	7.846 Mbps	48.291	344.1 Mbps	344.1 Mbps	802.11bgn-BE 20 2x2	6	95	-35	40:ED:00:14:F5:F2	192.168.0.116	e4:60:17:65:82:ea
1.4.17 wlan4	6.402 Mbps	5.709 Mbps	32.741	309.6 Mbps	309.6 Mbps	802.11bgn-BE 20 2x2	6	96	-51	40:ED:00:14:F5:F2	192.168.0.63	e4:60:17:66:21:5f
1.4.18 wlan5	6.53 Mbps	5.013 Mbps	29.767	309.6 Mbps	344.1 Mbps	802.11bgn-BE 20 2x2	6	77	-51	40:ED:00:14:F5:F2	192.168.0.169	e4:60:17:65:83:d0
1.4.19 wlan6	10.941 Mbps	5.779 Mbps	31.514	286.7 Mbps	309.6 Mbps	802.11bgn-BE 20 2x2	6	84	-52	40:ED:00:14:F5:F2	192.168.0.221	e4:60:17:65:83:08
1.4.20 wlan8	142.775 Kbps	170.211 Kbps	15.38	154.8 Mbps	229.4 Mbps	802.11bgn-BE 20 2x2	6	76	-64	40:ED:00:14:F5:F2	192.168.0.58	e4:60:17:66:21:5a
1.4.21 wlan9	646.229 Kbps	2.868 Mbps	30.581	172 Mbps	172 Mbps	802.11bgn-BE 20 2x2	6	99	-63	40:ED:00:14:F5:F2	192.168.0.129	e4:60:17:64:eb:cd
1.4.22 wlan10	5.809 Kbps	226.428 Kbps	8.11	8.6 Mbps	172 Mbps	802.11bgn-BE 20 2x2	6	84	-64	40:ED:00:14:F5:F2	192.168.0.98	e4:60:17:65:85:e7

Port	Tx-Bps 1m	Rx-Bps 1m	Link-Rate	IP	MAC
1.3.2 eth2	2.764 Mbps	178.349 Mbps	10 Gbps	192.168.0.56	9c:69:b4:63:76:c4

Endpoint	Tx-Bps 1m	Rx-Bps 1m	TxPkts	RxPkts	RX Latency (ms)	Round-Trip Latency (ms)	Jitter	Rx Packet Loss %	Rx OOO %
cv_tcp-3.2-4.wlan0--1.0.0-A	41.459 Mbps	0 bps	4915	0	0	5.149	0	0	0
cv_tcp-3.2-4.wlan0--1.0.0-B	0 bps	41.628 Mbps	0	4875	5.149	5.149	3.705	0	0
cv_tcp-3.2-4.wlan1--1.0.5-A	46.5 Mbps	0 bps	5585	0	0	6.866	0	0	0
cv_tcp-3.2-4.wlan1--1.0.5-B	0 bps	46.642 Mbps	0	5550	6.866	6.866	1.714	0	0
cv_tcp-3.2-4.wlan2--1.0.10-A	54.597 Mbps	0 bps	6335	0	0	5.306	0	0	0
cv_tcp-3.2-4.wlan2--1.0.10-B	0 bps	54.429 Mbps	0	6345	5.306	5.306	1.395	0	0
cv_tcp-3.2-4.wlan4--1.0.15-A	10.666 Mbps	0 bps	1220	0	0	38.680	0	0	0
cv_tcp-3.2-4.wlan4--1.0.15-B	0 bps	8.262 Mbps	0	944	38.680	38.680	9.388	22.623	0
cv_tcp-3.2-4.wlan5--1.0.20-A	8.051 Mbps	0 bps	915	0	0	23.838	0	0	0
cv_tcp-3.2-4.wlan5--1.0.20-B	0 bps	7.963 Mbps	0	910	23.838	23.838	8.194	0.546	0
cv_tcp-3.2-4.wlan6--1.0.25-A	16.596 Mbps	0 bps	1892	0	0	8.076	0	0	0
cv_tcp-3.2-4.wlan6--1.0.25-B	0 bps	15.045 Mbps	0	1716	8.076	8.076	9.247	7.030	0
cv_tcp-3.2-4.wlan8--1.0.30-A	612.954 Kbps	0 bps	64	0	0	3.373	0	0	0
cv_tcp-3.2-4.wlan8--1.0.30-B	0 bps	97.655 Kbps	0	5	3.373	3.373	210	92.188	0
cv_tcp-3.2-4.wlan9--1.0.35-A	2.028 Mbps	0 bps	230	0	0	27.721	0	0	0
cv_tcp-3.2-4.wlan9--1.0.35-B	0 bps	924.441 Kbps	0	100	27.721	27.721	11.626	56.522	0
cv_tcp-3.2-4.wlan10--1.0.40-A	0 bps	0 bps	0	0	0	0	0	0	0
cv_tcp-3.2-4.wlan10--1.0.40-B	0 bps	0 bps	0	0	0	0	0	0	0

Collected CSV Data: [CSV: 6.4.1 Multiple STAs Performance Test 5Ghz BE Run #0 DL](#)

Multi_Sta: Run #0 DL Snapshot 5Ghz BE

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
1.4.14 wlan0	768.824 Kbps	123.24 Mbps	6.701	1200.9 Mbps	720.6 Mbps	802.11an-BE 80 2x2	36	69	-43	40:ED:00:14:F5:F3	192.168.0.104	e4:60:17:65:83:8f
1.4.15 wlan1	703.002 Kbps	106.303 Mbps	9.594	1200.9 Mbps	864.8 Mbps	802.11an-BE 80 2x2	36	1,164	-43	40:ED:00:14:F5:F3	192.168.0.101	e4:60:17:65:82:db
1.4.16 wlan2	458.072 Kbps	100.405 Mbps	7.724	1200.9 Mbps	864.8 Mbps	802.11an-BE 80 2x2	36	1,553	-43	40:ED:00:14:F5:F3	192.168.0.116	e4:60:17:65:82:ea

Port	Tx-Bps 1m	Rx-Bps 1m	Link-Rate	IP	MAC
1.3.2 eth2	503.997 Mbps	2.354 Mbps	10 Gbps	192.168.0.56	9c:69:b4:63:76:c4

Endpoint	Tx-Bps 1m	Rx-Bps 1m	TxPkts	RxPkts	RX Latency (ms)	Round-Trip Latency (ms)	Jitter	Rx Packet Loss %	Rx OOO %
cv_tcp-3.2-4.wlan0--1.0.0-A	0 bps	192.395 Mbps	0	22237	6.185	6.185	2.280	0	0
cv_tcp-3.2-4.wlan0--1.0.0-B	192.302 Mbps	0 bps	22055	0	0	6.185	0	0	0

Collected CSV Data: CSV: 6.4.1 Multiple STAs Performance Test 5Ghz BE Run #1 UL

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
1.4.14 wlan0	255.442 Mbps	1.082 Mbps	33.16	1200.9 Mbps	720.6 Mbps	802.11an-BE 80 2x2	36	69	-41	40:ED:00:14:F5:F3	192.168.0.104	e4:60:17:65:83:8f
1.4.15 wlan1	199.608 Mbps	7.306 Mbps	34.108	1200.9 Mbps	864.8 Mbps	802.11an-BE 80 2x2	36	1,164	-42	40:ED:00:14:F5:F3	192.168.0.101	e4:60:17:65:82:db
1.4.16 wlan2	233.271 Mbps	6.576 Mbps	36.587	1200.9 Mbps	864.8 Mbps	802.11an-BE 80 2x2	36	1,553	-42	40:ED:00:14:F5:F3	192.168.0.116	e4:60:17:65:82:ea
1.4.17 wlan4	52.725 Mbps	4.625 Mbps	20.373	864.8 Mbps	576.4 Mbps	802.11an-BE 80 2x2	36	1,429	-60	40:ED:00:14:F5:F3	192.168.0.63	e4:60:17:66:21:5f
1.4.18 wlan5	43.812 Mbps	2.681 Mbps	21.67	864.8 Mbps	576.4 Mbps	802.11an-BE 80 2x2	36	872	-60	40:ED:00:14:F5:F3	192.168.0.169	e4:60:17:65:83:d0
1.4.19 wlan6	59.443 Mbps	2.067 Mbps	19.101	864.8 Mbps	432.3 Mbps	802.11an-BE 80 2x2	36	110	-60	40:ED:00:14:F5:F3	192.168.0.221	e4:60:17:65:83:08

Endpoint	Tx-Bps 1m	Rx-Bps 1m	TxPkts	RxPkts	RX Latency (ms)	Round-Trip Latency (ms)	Jitter	Rx Packet Loss %	Rx OOO %
cv_tcp-3.2-4.wlan0--1.0.0-A	254.109 Mbps	0 bps	29080	0	0	2,540	0	0	0
cv_tcp-3.2-4.wlan0--1.0.0-B	0 bps	254.668 Mbps	0	29029	2,540	2,540	459	0	0
cv_tcp-3.2-4.wlan1--1.0.0-A	217.156 Mbps	0 bps	24995	0	0	2,554	0	0	0
cv_tcp-3.2-4.wlan1--1.0.0-B	0 bps	217.275 Mbps	0	25070	2,554	2,554	678	0	0
cv_tcp-3.2-4.wlan2--1.0.10-A	246.522 Mbps	0 bps	29125	0	0	3,653	0	0	0
cv_tcp-3.2-4.wlan2--1.0.10-B	0 bps	244.988 Mbps	0	29237	3,653	3,653	1,130	0	0
cv_tcp-3.2-4.wlan4--1.0.15-A	51.8 Mbps	0 bps	6012	0	0	9,493	0	0	0
cv_tcp-3.2-4.wlan4--1.0.15-B	0 bps	52.208 Mbps	0	6051	9,493	9,493	4,955	0	0
cv_tcp-3.2-4.wlan5--1.0.20-A	48.765 Mbps	0 bps	5595	0	0	7,328	0	0	0
cv_tcp-3.2-4.wlan5--1.0.20-B	0 bps	48.844 Mbps	0	5624	7,328	7,328	3,336	0	0
cv_tcp-3.2-4.wlan6--1.0.25-A	62.79 Mbps	0 bps	7410	0	0	7,481	0	0	0
cv_tcp-3.2-4.wlan6--1.0.25-B	0 bps	62.822 Mbps	0	7410	7,481	7,481	5,396	0	0

Multi_Sta: Run #2 DL Snapshot 5Ghz BE

[illegible]

1.4.21 wlan9	34.095 Kbps	1.421 Mbps	69.257	6 Mbps	51.6 Mbps	802.11an- BE 80 2x2	36	123	-75	40:ED:00:14:F5:F3	192.168.0.129	e4:60:17:64:eb:cd
1.4.22 wlan10	35.429 Kbps	1.423 Mbps	69.732	17.2 Mbps	68.8 Mbps	802.11an- BE 80 2x2	36	100	-73	40:ED:00:14:F5:F3	192.168.0.98	e4:60:17:65:85:e7

Port	Tx-Bps 1m	Rx-Bps 1m	Link-Rate	IP	MAC
1.3.2 eth2	256.281 Mbps	388.831 Mbps	10 Gbps	192.168.0.56	9c:c69:b4:63:76:c4

Endpoint	Tx-Bps 1m	Rx-Bps 1m	TxPkts	RxPkts	RX Latency (ms)	Round-Trip Latency (ms)	Jitter	Rx Packet Loss %	Rx OOO %
cv_tcp-3.2-4.wlan0--1.0.0-A	0 bps	94.562 Mbps	0	10989	11.654	11,654	7,844	0.009	0
cv_tcp-3.2-4.wlan0--1.0.0-B	94.969 Mbps	0 bps	11190	0	0	11,654	0	0	0
cv_tcp-3.2-4.wlan1--1.0.5-A	0 bps	102.204 Mbps	0	11814	9.733	9,733	11,235	0.299	0
cv_tcp-3.2-4.wlan1--1.0.5-B	102.708 Mbps	0 bps	12040	0	0	9,733	0	0	0
cv_tcp-3.2-4.wlan2--1.0.10-A	0 bps	95.361 Mbps	0	10999	5.377	5,377	2,874	0	0
cv_tcp-3.2-4.wlan2--1.0.10-B	95.406 Mbps	0 bps	11135	0	0	5,377	0	0	0
cv_tcp-3.2-4.wlan4--1.0.15-A	0 bps	56.531 Mbps	0	6580	4.689	4,689	2,125	0	0
cv_tcp-3.2-4.wlan4--1.0.15-B	56.535 Mbps	0 bps	6620	0	0	4,689	0	0	0
cv_tcp-3.2-4.wlan5--1.0.20-A	0 bps	40.757 Mbps	0	4735	5.781	5,781	2,263	0	0
cv_tcp-3.2-4.wlan5--1.0.20-B	40.754 Mbps	0 bps	4745	0	0	5,781	0	0	0
cv_tcp-3.2-4.wlan6--1.0.25-A	0 bps	17.578 Mbps	0	2072	19.702	19,702	10,029	0.624	0
cv_tcp-3.2-4.wlan6--1.0.25-B	17.665 Mbps	0 bps	2085	0	0	19,702	0	0	0
cv_tcp-3.2-4.wlan8--1.0.30-A	0 bps	2.196 Mbps	0	256	30.882	30,882	7,447	57.047	0
cv_tcp-3.2-4.wlan8--1.0.30-B	4.717 Mbps	0 bps	596	0	0	30,882	0	0	0
cv_tcp-3.2-4.wlan9--1.0.35-A	0 bps	1.696 Mbps	0	199	35.025	35,025	3,262	50.743	0
cv_tcp-3.2-4.wlan9--1.0.35-B	3.409 Mbps	0 bps	404	0	0	35,025	0	0	0
cv_tcp-3.2-4.wlan10--1.0.40-A	0 bps	1.567 Mbps	0	179	30.310	30,310	1,201	64.554	0
cv_tcp-3.2-4.wlan10--1.0.40-B	4.443 Mbps	0 bps	505	0	0	30,310	0	0	0

Collected CSV Data: [CSV: 6.4.1 Multiple STAs Performance Test 5Ghz BE Run #2 UL](#)

Multi_Sta: Run #2 UL Snapshot 5Ghz BE

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
1.4.14 wlan0	161.346 Mbps	20.176 Mbps	35.23	1200.9 Mbps	648.5 Mbps	802.11an- BE 80 2x2	36	69	-41	40:ED:00:14:F5:F3	192.168.0.104	e4:60:17:65:83:8f
1.4.15 wlan1	168.193 Mbps	25.983 Mbps	36.58	1200.9 Mbps	480.3 Mbps	802.11an- BE 80 2x2	36	1,164	-43	40:ED:00:14:F5:F3	192.168.0.101	e4:60:17:65:82:db
1.4.16 wlan2	135.591 Mbps	23.4 Mbps	38.276	1200.9 Mbps	720.6 Mbps	802.11an- BE 80 2x2	36	1,553	-41	40:ED:00:14:F5:F3	192.168.0.116	e4:60:17:65:82:ea
1.4.17 wlan4	41.375 Mbps	13.292 Mbps	22.093	864.8 Mbps	432.4 Mbps	802.11an- BE 80 2x2	36	1,429	-58	40:ED:00:14:F5:F3	192.168.0.63	e4:60:17:66:21:5f
1.4.18 wlan5	29.357 Mbps	10.505 Mbps	25.162	864.8 Mbps	576.4 Mbps	802.11an- BE 80 2x2	36	872	-60	40:ED:00:14:F5:F3	192.168.0.169	e4:60:17:65:83:d0
1.4.19 wlan6	52.035 Mbps	3.747 Mbps	20.43	864.8 Mbps	288.2 Mbps	802.11an- BE 80 2x2	36	110	-60	40:ED:00:14:F5:F3	192.168.0.221	e4:60:17:65:83:08
1.4.20 wlan8	45.056 Kbps	503.601 Kbps	66.803	36 Mbps	68.8 Mbps	802.11an- BE 80 2x2	36	119	-76	40:ED:00:14:F5:F3	192.168.0.58	e4:60:17:66:21:5a
1.4.21 wlan9	488.075 Kbps	461.011 Kbps	58.423	17.2 Mbps	68.8 Mbps	802.11an- BE 80 2x2	36	123	-75	40:ED:00:14:F5:F3	192.168.0.129	e4:60:17:64:eb:cd
1.4.22 wlan10	215.038 Kbps	675.413 Kbps	69.71	17.2 Mbps	103.2 Mbps	802.11an- BE 80 2x2	36	100	-76	40:ED:00:14:F5:F3	192.168.0.98	e4:60:17:65:85:e7

Port	Tx-Bps 1m	Rx-Bps 1m	Link-Rate	IP	MAC
1.3.2 eth2	4.643 Mbps	785.959 Mbps	10 Gbps	192.168.0.56	9c:c69:b4:63:76:c4

Endpoint	Tx-Bps 1m	Rx-Bps 1m	TxPkts	RxPkts	RX Latency (ms)	Round-Trip Latency (ms)	Jitter	Rx Packet Loss %	Rx OOO %
cv_tcp-3.2-4.wlan0--1.0.0-A	194.5 Mbps	0 bps	22500	0	0	4,844	0	0	0
cv_tcp-3.2-4.wlan0--1.0.0-B	0 bps	193.858 Mbps	0	22880	4,844	4,844	2,497	0	0
cv_tcp-3.2-4.wlan1--1.0.5-A	213.877 Mbps	0 bps	24845	0	0	3,493	0	0	0
cv_tcp-3.2-4.wlan1--1.0.5-B	0 bps	213.914 Mbps	0	24802	3,493	3,493	1,355	0.173	0
cv_tcp-3.2-4.wlan2--1.0.10-A	188.642 Mbps	0 bps	21670	0	0	1,785	0	0	0
cv_tcp-3.2-4.wlan2--1.0.10-B	0 bps	188.775 Mbps	0	21622	1,785	1,785	691	0	0
cv_tcp-3.2-4.wlan4--1.0.15-A	47.707 Mbps	0 bps	5535	0	0	11,423	0	0	0
cv_tcp-3.2-4.wlan4--1.0.15-B	0 bps	47.654 Mbps	0	5540	11,423	11,423	5,933	0	0
cv_tcp-3.2-4.wlan5--1.0.20-A	30.7 Mbps	0 bps	3690	0	0	10,605	0	0	0

cv_tcp-3.2-4.wlan5--1.0.20-B	0 bps	30.697 Mbps	0	3691	10,605	10,605	5,814	0	0
cv_tcp-3.2-4.wlan6--1.0.25-A	71.174 Mbps	0 bps	8300	0	0	3,563	0	0	0
cv_tcp-3.2-4.wlan6--1.0.25-B	0 bps	71.24 Mbps	0	8368	3,563	3,563	942	0	0
cv_tcp-3.2-4.wlan8--1.0.30-A	169.366 Kbps	0 bps	15	0	0	0	0	0	0
cv_tcp-3.2-4.wlan8--1.0.30-B	0 bps	36.879 Kbps	0	0	0	0	0	100.000	0
cv_tcp-3.2-4.wlan9--1.0.35-A	827.529 Kbps	0 bps	95	0	0	30,975	0	0	0
cv_tcp-3.2-4.wlan9--1.0.35-B	0 bps	571.929 Kbps	0	63	30,975	30,975	13,414	33.684	0
cv_tcp-3.2-4.wlan10--1.0.40-A	417.678 Kbps	0 bps	44	0	0	26,579	0	0	0
cv_tcp-3.2-4.wlan10--1.0.40-B	0 bps	224.636 Kbps	0	20	26,579	26,579	7,313	54.545	0

[Collected CSV Data: CSV: 6.4.1 Multiple STAs Performance Test 6Ghz BE Run #0 DL](#)

Multi_Sta: Run #0 DL Snapshot 6Ghz BE

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
1.4.14 wlan0	1.186 Mbps	739.036 Mbps	3.912	5764.6 Mbps	5.187 Gbps	802.11a-BE 320 2x2	259	61	-37	52:ED:00:14:F5:F4	192.168.0.104	e4:60:17:65:83:8f
1.4.15 wlan1	1.262 Mbps	825.118 Mbps	3.327	5764.6 Mbps	5.187 Gbps	802.11a-BE 320 2x2	259	55	-38	52:ED:00:14:F5:F4	192.168.0.101	e4:60:17:65:82:db
1.4.16 wlan2	1.079 Mbps	724.582 Mbps	3.546	5764.6 Mbps	5.187 Gbps	802.11a-BE 320 2x2	259	59	-37	52:ED:00:14:F5:F4	192.168.0.116	e4:60:17:65:82:ea

Port	Tx-Bps 1m	Rx-Bps 1m	Link-Rate	IP	MAC
1.3.2 eth2	3.492 Gbps	4.351 Mbps	10 Gbps	192.168.0.56	9c:69:b4:63:76:c4

Endpoint	Tx-Bps 1m	Rx-Bps 1m	TxPkts	RxPkts	RX Latency (ms)	Round-Trip Latency (ms)	Jitter	Rx Packet Loss %	Rx OOO %
cv_tcp-3.2-4.wlan0--1.0.0-A	0 bps	1.189 Gbps	0	138082	1,289	1,289	329	0	0
cv_tcp-3.2-4.wlan0--1.0.0-B	1.192 Gbps	0 bps	137270	0	0	1,289	0	0	0
cv_tcp-3.2-4.wlan1--1.0.5-A	0 bps	1.289 Gbps	0	149232	1,322	1,322	352	0	0
cv_tcp-3.2-4.wlan1--1.0.5-B	1.285 Gbps	0 bps	147910	0	0	1,322	0	0	0
cv_tcp-3.2-4.wlan2--1.0.10-A	0 bps	1.104 Gbps	0	128281	1,493	1,493	472	0	0
cv_tcp-3.2-4.wlan2--1.0.10-B	1.106 Gbps	0 bps	127320	0	0	1,493	0	0	0

[Collected CSV Data: CSV: 6.4.1 Multiple STAs Performance Test 6Ghz BE Run #0 UL](#)

Multi_Sta: Run #0 UL Snapshot 6Ghz BE

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
1.4.14 wlan0	756.961 Mbps	526.387 Mbps	10.282	5187.1 Mbps	5.187 Gbps	802.11a-BE 320 2x2	259	61	-37	52:ED:00:14:F5:F4	192.168.0.104	e4:60:17:65:83:8f
1.4.15 wlan1	664.307 Mbps	588.192 Mbps	11.161	5187.1 Mbps	5.187 Gbps	802.11a-BE 320 2x2	259	55	-37	52:ED:00:14:F5:F4	192.168.0.101	e4:60:17:65:82:db
1.4.16 wlan2	852.287 Mbps	493.728 Mbps	8.292	5187.1 Mbps	5.187 Gbps	802.11a-BE 320 2x2	259	59	-37	52:ED:00:14:F5:F4	192.168.0.116	e4:60:17:65:82:ea

Port	Tx-Bps 1m	Rx-Bps 1m	Link-Rate	IP	MAC
1.3.2 eth2	622.03 Mbps	3.478 Gbps	10 Gbps	192.168.0.56	9c:69:b4:63:76:c4

Endpoint	Tx-Bps 1m	Rx-Bps 1m	TxPkts	RxPkts	RX Latency (ms)	Round-Trip Latency (ms)	Jitter	Rx Packet Loss %	Rx OOO %
cv_tcp-3.2-4.wlan0--1.0.0-A	1.366 Gbps	0 bps	158485	0	0	1,360	0	0	0
cv_tcp-3.2-4.wlan0--1.0.0-B	0 bps	1.366 Gbps	0	158169	1,360	1,360	447	0	0
cv_tcp-3.2-4.wlan1--1.0.5-A	1.193 Gbps	0 bps	138905	0	0	1,960	0	0	0
cv_tcp-3.2-4.wlan1--1.0.5-B	0 bps	1.2 Gbps	0	138491	1,960	1,960	66	0	0
cv_tcp-3.2-4.wlan2--1.0.10-A	1.5 Gbps	0 bps	173450	0	0	1,433	0	0	0
cv_tcp-3.2-4.wlan2--1.0.10-B	0 bps	1.502 Gbps	0	172132	1,433	1,433	29	0.005	0

Multi_Sta: Run #1 DL Snapshot 6Ghz BE

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
1.4.14 wlan0	628,337 Mbps	461.261 Mbps	9.663	5187.1 Mbps	5.187 Gbps	802.11a-BE 320 2x2	259	61	-38	52:ED:00:14:F5:F4	192.168.0.104	e4:60:17:65:83:8f
1.4.15 wlan1	1.462 Mbps	912.279 Mbps	10.741	4803.8 Mbps	5.187 Gbps	802.11a-BE 320 2x2	259	55	-38	52:ED:00:14:F5:F4	192.168.0.101	e4:60:17:65:82:db
1.4.16 wlan2	1.375 Mbps	900.726 Mbps	12.546	5764.6 Mbps	5.187 Gbps	802.11a-BE 320 2x2	259	59	-39	52:ED:00:14:F5:F4	192.168.0.116	e4:60:17:65:82:ea
1.4.17 wlan4	665.826 Kbps	303.754 Mbps	29.718	2594.2 Mbps	2.883 Gbps	802.11a-BE 320 2x2	259	62	-53	52:ED:00:14:F5:F4	192.168.0.63	e4:60:17:66:21:5f
1.4.18 wlan5	360.411 Kbps	164.681 Mbps	26.125	720.6 Mbps	3.459 Gbps	802.11a-BE 320 2x2	259	69	-54	52:ED:00:14:F5:F4	192.168.0.169	e4:60:17:65:83:d0
1.4.19 wlan6	123.123 Kbps	16.23 Mbps	41.428	2594.2 Mbps	2.594 Gbps	802.11a-BE 320 2x2	259	67	-52	52:ED:00:14:F5:F4	192.168.0.221	e4:60:17:65:83:08

Port	Tx-Bps 1m	Rx-Bps 1m	Link-Rate	IP	MAC
1.3.2 eth2	2.305 Gbps	1.098 Gbps	10 Gbps	192.168.0.56	9c:69:b4:63:76:c4

Endpoint	Tx-Bps 1m	Rx-Bps 1m	TxPkts	RxPkts	RX Latency (ms)	Round-Trip Latency (ms)	Jitter	Rx Packet Loss %	Rx OOO %
cv_tcp-3.2-4.wlan0--1.0.0-A	0 bps	858.501 Mbps	0	98701	1,844	1,844	692	0	0
cv_tcp-3.2-4.wlan0--1.0.0-B	857.972 Mbps	0 bps	98730	0	0	1,844	0	0	0
cv_tcp-3.2-4.wlan1--1.0.5-A	0 bps	912.626 Mbps	0	105225	1,899	1,899	774	0	0
cv_tcp-3.2-4.wlan1--1.0.5-B	912.319 Mbps	0 bps	105170	0	0	1,899	0	0	0
cv_tcp-3.2-4.wlan2--1.0.10-A	0 bps	878.282 Mbps	0	101773	1,199	1,199	735	0	0
cv_tcp-3.2-4.wlan2--1.0.10-B	882.419 Mbps	0 bps	100965	0	0	1,199	0	0	0
cv_tcp-3.2-4.wlan4--1.0.15-A	0 bps	266.746 Mbps	0	30738	8,146	8,146	3,256	0.379	0
cv_tcp-3.2-4.wlan4--1.0.15-B	268.661 Mbps	0 bps	30855	0	0	8,146	0	0	0
cv_tcp-3.2-4.wlan5--1.0.20-A	0 bps	132.083 Mbps	0	16021	763	763	153	0	0
cv_tcp-3.2-4.wlan5--1.0.20-B	135.318 Mbps	0 bps	15440	0	0	763	0	0	0
cv_tcp-3.2-4.wlan6--1.0.25-A	0 bps	15.081 Mbps	0	1722	1,839	1,839	246	1.936	0
cv_tcp-3.2-4.wlan6--1.0.25-B	15.425 Mbps	0 bps	1756	0	0	1,839	0	0	0

Multi_Sta: Run #1 UL Snapshot 6Ghz BE

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
1.4.14 wlan0	585.248 Mbps	1.364 Mbps	12.229	5187.1 Mbps	5.187 Gbps	802.11a-BE 320 2x2	259	61	-37	52:ED:00:14:F5:F4	192.168.0.104	e4:60:17:65:83:8f
1.4.15 wlan1	1.303 Gbps	44.952 Mbps	18.453	5187.1 Mbps	5.187 Gbps	802.11a-BE 320 2x2	259	55	-37	52:ED:00:14:F5:F4	192.168.0.101	e4:60:17:65:82:db
1.4.16 wlan2	1.395 Gbps	18.123 Mbps	15.752	5187.1 Mbps	5.187 Gbps	802.11a-BE 320 2x2	259	59	-37	52:ED:00:14:F5:F4	192.168.0.116	e4:60:17:65:82:ea
1.4.17 wlan4	60.17 Mbps	1.447 Mbps	50.395	2882.6 Mbps	2.883 Gbps	802.11a-BE 320 2x2	259	62	-52	52:ED:00:14:F5:F4	192.168.0.63	e4:60:17:66:21:5f
1.4.18						802.11a-						

wlan5	35.23 Mbps	8.09 Mbps	48.126	2594.2 Mbps	2.883 Gbps	BE 320 2x2	259	69	-53	52:ED:00:14:F5:F4	192.168.0.169	e4:60:17:65:83:d0
1.4.19 wlan6	29.752 Mbps	464.885 Kbps	47.763	2882.6 Mbps	3.459 Gbps	802.11a- BE 320 2x2	259	67	-53	52:ED:00:14:F5:F4	192.168.0.221	e4:60:17:65:83:08

Port	Tx-Bps 1m	Rx-Bps 1m	Link-Rate	IP	MAC
1.3.2 eth2	1.108 Gbps	2.42 Gbps	10 Gbps	192.168.0.56	9c:69:b4:63:76:c4

Endpoint	Tx-Bps 1m	Rx-Bps 1m	TxPkts	RxPkts	RX Latency (ms)	Round-Trip Latency (ms)	Jitter	Rx Packet Loss %	Rx OOO %
cv_tcp-3.2-4.wlan0--1.0.0-A	684.661 Mbps	0 bps	78824	0	0	62	0	0	0
cv_tcp-3.2-4.wlan0--1.0.0-B	0 bps	685.652 Mbps	0	78874	62	62	1	0	0
cv_tcp-3.2-4.wlan1--1.0.5-A	1.351 Gbps	0 bps	157160	0	0	1,670	0	0	0
cv_tcp-3.2-4.wlan1--1.0.5-B	0 bps	1.35 Gbps	0	157121	1,670	1,670	54	0	0
cv_tcp-3.2-4.wlan2--1.0.10-A	1.465 Gbps	0 bps	171000	0	0	1,866	0	0	0
cv_tcp-3.2-4.wlan2--1.0.10-B	0 bps	1.468 Gbps	0	171564	1,866	1,866	35	0	0
cv_tcp-3.2-4.wlan4--1.0.15-A	49.143 Mbps	0 bps	5620	0	0	20.670	0	0	0
cv_tcp-3.2-4.wlan4--1.0.15-B	0 bps	48.778 Mbps	0	5568	20.670	20.670	7,145	0	0
cv_tcp-3.2-4.wlan5--1.0.20-A	28.027 Mbps	0 bps	3413	0	0	14.731	0	0	0
cv_tcp-3.2-4.wlan5--1.0.20-B	0 bps	29.7 Mbps	0	3389	14.731	14.731	10,329	0	0
cv_tcp-3.2-4.wlan6--1.0.25-A	32.248 Mbps	0 bps	3674	0	0	1,116	0	0	0
cv_tcp-3.2-4.wlan6--1.0.25-B	0 bps	31.689 Mbps	0	3615	1,116	1,116	829	0	0

[Collected CSV Data: CSV: 6.4.1 Multiple STAs Performance Test 6Ghz BE Run #2 DL](#)

Multi_Sta: Run #2 DL Snapshot 6Ghz BE

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
1.4.14 wlan0	79.192 Mbps	300.954 Mbps	12.528	5764.6 Mbps	5.187 Gbps	802.11a- BE 320 2x2	259	61	-38	52:ED:00:14:F5:F4	192.168.0.104	e4:60:17:65:83:8f
1.4.15 wlan1	177.658 Mbps	255.375 Mbps	17.742	5764.6 Mbps	5.187 Gbps	802.11a- BE 320 2x2	259	55	-38	52:ED:00:14:F5:F4	192.168.0.101	e4:60:17:65:82:db
1.4.16 wlan2	164.813 Mbps	181.962 Mbps	15.261	5764.6 Mbps	5.187 Gbps	802.11a- BE 320 2x2	259	59	-38	52:ED:00:14:F5:F4	192.168.0.116	e4:60:17:65:82:ea
1.4.17 wlan4	4.716 Mbps	40.607 Mbps	48.548	344.1 Mbps	1.153 Gbps	802.11a- BE 320 2x2	259	62	-56	52:ED:00:14:F5:F4	192.168.0.63	e4:60:17:66:21:5f
1.4.18 wlan5	2.356 Mbps	51.771 Mbps	43.456	344.1 Mbps	1.153 Gbps	802.11a- BE 320 2x2	259	69	-56	52:ED:00:14:F5:F4	192.168.0.169	e4:60:17:65:83:d0
1.4.19 wlan6	4.33 Mbps	26.265 Mbps	46.059	309.7 Mbps	1.729 Gbps	802.11a- BE 320 2x2	259	67	-51	52:ED:00:14:F5:F4	192.168.0.221	e4:60:17:65:83:08
1.4.20 wlan8	257.392 Kbps	77.539 Mbps	17.018	68.8 Mbps	1.153 Gbps	802.11a- BE 320 2x2	259	52	-63	52:ED:00:14:F5:F4	192.168.0.58	e4:60:17:66:21:5a
1.4.21 wlan9	253.053 Kbps	98.42 Mbps	21.264	51.6 Mbps	1.153 Gbps	802.11a- BE 320 2x2	259	77	-63	52:ED:00:14:F5:F4	192.168.0.129	e4:60:17:64:eb:cd
1.4.22 wlan10	199.203 Kbps	54.675 Mbps	24.708	51.6 Mbps	1.153 Gbps	802.11a- BE 320 2x2	259	58	-62	52:ED:00:14:F5:F4	192.168.0.98	e4:60:17:65:85:e7

Port	Tx-Bps 1m	Rx-Bps 1m	Link-Rate	IP	MAC
1.3.2 eth2	757.3 Mbps	1.501 Gbps	10 Gbps	192.168.0.56	9c:69:b4:63:76:c4

Endpoint	Tx-Bps 1m	Rx-Bps 1m	TxPkts	RxPkts	RX Latency (ms)	Round-Trip Latency (ms)	Jitter	Rx Packet Loss %	Rx OOO %
cv_tcp-3.2-4.wlan0--1.0.0-A	0 bps	303.226 Mbps	0	36034	5.832	5.832	1,538	0	0
cv_tcp-3.2-4.wlan0--1.0.0-B	302.383 Mbps	0 bps	35625	0	0	5.832	0	0	0
cv_tcp-3.2-4.wlan1--1.0.5-A	0 bps	277.518 Mbps	0	33337	1,043	1,043	969	0	0

cv_tcp-3.2-4.wlan1--1.0.5-B	276.209 Mbps	0 bps	32620	0	0	1,043	0	0	0
cv_tcp-3.2-4.wlan2--1.0.10-A	0 bps	213.371 Mbps	0	24907	867	867	516	0	0
cv_tcp-3.2-4.wlan2--1.0.10-B	214.171 Mbps	0 bps	25026	0	0	867	0	0	0
cv_tcp-3.2-4.wlan4--1.0.15-A	0 bps	8.613 Mbps	0	1188	60,323	60,323	901	1,411	0
cv_tcp-3.2-4.wlan4--1.0.15-B	8.644 Mbps	0 bps	1205	0	0	60,323	0	0	0
cv_tcp-3.2-4.wlan5--1.0.20-A	0 bps	38.11 Mbps	0	4432	18,673	18,673	12,442	0	0
cv_tcp-3.2-4.wlan5--1.0.20-B	38.172 Mbps	0 bps	4480	0	0	18,673	0	0	0
cv_tcp-3.2-4.wlan6--1.0.25-A	0 bps	24.391 Mbps	0	2785	6,793	6,793	2,801	1,066	0
cv_tcp-3.2-4.wlan6--1.0.25-B	24.44 Mbps	0 bps	2815	0	0	6,793	0	0	0
cv_tcp-3.2-4.wlan8--1.0.30-A	0 bps	106.943 Mbps	0	12260	1,188	1,188	137	1,786	0
cv_tcp-3.2-4.wlan8--1.0.30-B	108.779 Mbps	0 bps	12483	0	0	1,188	0	0	0
cv_tcp-3.2-4.wlan9--1.0.35-A	0 bps	110.619 Mbps	0	13179	2,737	2,737	1,877	0.431	0
cv_tcp-3.2-4.wlan9--1.0.35-B	111.531 Mbps	0 bps	13236	0	0	2,737	0	0	0
cv_tcp-3.2-4.wlan10--1.0.40-A	0 bps	70.145 Mbps	0	8108	1,669	1,669	155	0.222	0
cv_tcp-3.2-4.wlan10--1.0.40-B	70.677 Mbps	0 bps	8126	0	0	1,669	0	0	0

Collected CSV Data: [CSV: 6.4.1 Multiple STAs Performance Test 6Ghz BE Run #2 UL](#)

Multi_Sta: Run #2 UL Snapshot 6Ghz BE

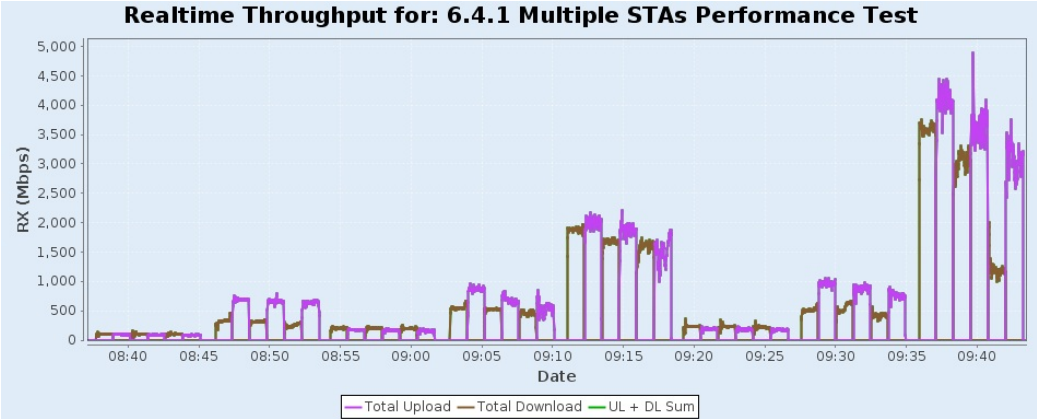
Port	Tx-Bps 1m	Rx-Bps 1m	Tx-Fail %	Tx Link-Rate	Rx Link-Rate	Mode	Channel	Last CX-Time (ms)	RSSI (dBm)	AP	IP	MAC
1.4.14 wlan0	999.158 Mbps	55.864 Mbps	25.844	5187.1 Mbps	4.804 Gbps	802.11a-BE 320 2x2	259	61	-37	52:ED:00:14:F5:F4	192.168.0.104	e4:60:17:65:83:8f
1.4.15 wlan1	631.297 Mbps	78.852 Mbps	23.971	5187.1 Mbps	5.187 Gbps	802.11a-BE 320 2x2	259	55	-37	52:ED:00:14:F5:F4	192.168.0.101	e4:60:17:65:82:db
1.4.16 wlan2	757.542 Mbps	49.889 Mbps	22.275	5187.1 Mbps	5.187 Gbps	802.11a-BE 320 2x2	259	59	-37	52:ED:00:14:F5:F4	192.168.0.116	e4:60:17:65:82:ea
1.4.17 wlan4	37.618 Mbps	1.841 Mbps	53.57	2882.6 Mbps	2.883 Gbps	802.11a-BE 320 2x2	259	62	-52	52:ED:00:14:F5:F4	192.168.0.63	e4:60:17:66:21:5f
1.4.18 wlan5	711.616 Kbps	3.548 Mbps	43.641	34.4 Mbps	7.3 Mbps	802.11a-BE 320 2x2	259	69	-58	52:ED:00:14:F5:F4	192.168.0.169	e4:60:17:65:83:d0
1.4.19 wlan6	624.503 Kbps	6.685 Mbps	47.172	6 Mbps	2.306 Gbps	802.11a-BE 320 2x2	259	67	-50	52:ED:00:14:F5:F4	192.168.0.221	e4:60:17:65:83:08
1.4.20 wlan8	379.682 Kbps	29.17 Mbps	18.795	25.8 Mbps	1.153 Gbps	802.11a-BE 320 2x2	259	52	-62	52:ED:00:14:F5:F4	192.168.0.58	e4:60:17:66:21:5a
1.4.21 wlan9	88.277 Kbps	22.01 Mbps	25.023	6 Mbps	7.3 Mbps	802.11a-BE 320 2x2	259	77	-63	52:ED:00:14:F5:F4	192.168.0.129	e4:60:17:64:eb:cd
1.4.22 wlan10	92.113 Kbps	19.054 Mbps	25.883	68.8 Mbps	7.3 Mbps	802.11a-BE 320 2x2	259	58	-63	52:ED:00:14:F5:F4	192.168.0.98	e4:60:17:65:85:e7

Port	Tx-Bps 1m	Rx-Bps 1m	Link-Rate	IP	MAC
1.3.2 eth2	6.314 Mbps	3.257 Gbps	10 Gbps	192.168.0.56	9c:69:b4:63:76:c4

Endpoint	Tx-Bps 1m	Rx-Bps 1m	TxPkts	RxPkts	RX Latency (ms)	Round-Trip Latency (ms)	Jitter	Rx Packet Loss %	Rx OOO %
cv_tcp-3.2-4.wlan0--1.0.0-A	1.326 Gbps	0 bps	154445	0	0	1,610	0	0	0
cv_tcp-3.2-4.wlan0--1.0.0-B	0 bps	1.329 Gbps	0	154996	1,610	1,610	380	0	0
cv_tcp-3.2-4.wlan1--1.0.5-A	753.684 Mbps	0 bps	89585	0	0	4,242	0	0	0
cv_tcp-3.2-4.wlan1--1.0.5-B	0 bps	769.946 Mbps	0	88546	4,242	4,242	2,819	0.244	0
cv_tcp-3.2-4.wlan2--1.0.10-A	972.296 Mbps	0 bps	114380	0	0	1,897	0	0	0
cv_tcp-3.2-4.wlan2--1.0.10-B	0 bps	972.349 Mbps	0	114042	1,897	1,897	755	0	0
cv_tcp-3.2-4.wlan4--1.0.15-A	25.28 Mbps	0 bps	3053	0	0	3,050	0	0	0
cv_tcp-3.2-4.wlan4--1.0.15-B	0 bps	24.91 Mbps	0	3020	3,050	3,050	344	0	0
cv_tcp-3.2-4.wlan5--1.0.20-A	0 bps	0 bps	0	0	0	58,143	0	0	0
cv_tcp-3.2-4.wlan5--1.0.20-B	0 bps	17.234 Kbps	0	3	58,143	58,143	3,730	0	0
cv_tcp-3.2-4.wlan6--1.0.25-A	405.816 Kbps	0 bps	47	0	0	40,840	0	0	0
cv_tcp-3.2-4.wlan6--1.0.25-B	0 bps	389.724 Kbps	0	45	40,840	40,840	4,024	4.255	0
cv_tcp-3.2-4.wlan8--1.0.30-A	365.407 Kbps	0 bps	37	0	0	32,578	0	0	0
cv_tcp-3.2-4.wlan8--1.0.30-B	0 bps	352.464 Kbps	0	37	32,578	32,578	13,957	0	0
cv_tcp-3.2-4.wlan9--1.0.35-A	8.144 Kbps	0 bps	1	0	0	0	0	0	0

cv_tcp-3.2-4.wlan9--1.0.35-B	0 bps	5.99 Kbps	0	0	0	0	0	100,000	0
cv_tcp-3.2-4.wlan10--1.0.40-A	0 bps	0 bps	0	0	0	0	0	0	0
cv_tcp-3.2-4.wlan10--1.0.40-B	0 bps	16.661 Kbps	0	0	0	0	0	0	0

Realtime Throughput for: 6.4.1 Multiple STAs Performance Test



[Key Performance Indicators CSV](#)

Test configuration and LANforge software version	
Auto-Helper	true
Allow-11w (MFP/PMF)	false
SAE-PWE	2
Disable-MLO	true
Extra TxStatus	false
Extra RxStatus	false
TXS All	false
Skip 2.4Ghz Tests	false
Skip 5Ghz Tests	false
Duration-120	20
Duration-60	20
Channel 2Ghz	6
Channel 5Ghz	36
Calibrate against LANforge AP	true
Adjust UL Atten with DUT TxPower	false
Adjust UL Atten with STA TxPower	false
Attenuation Adjustment	0
Extra Download Path-loss	0
TX Power	20
DUT TX Power 2.4G	30
DUT TX Power 5G	30
LANforge Calibration TxPower-	20

2.4G	
LANforge Calibration TxPower-5G	20
Multi-Conn	10
UDP-Burst	false
UDP-GRO	true
Multiple Endpoints:	2
ToS	0
Pld Pattern	RANDOM_FIXED
UDP Send Buffer Size:	0
UDP Receive Buffer Size:	0
TCP Send Buffer Size:	0
TCP Receive Buffer Size:	0
Upstream Port	1.3.2 eth2 Firmware: 0x80000aef, 1.1876.0 Resource: ct523c-2103
Alien Upstream Port	1.1.2 eth2 Firmware: 0x80000c67, 1.1276.0 Resource: ct523c-0b0b
Turn-Table Chamber	840B-Default-Chamber
Configured 2m 2.4Ghz RSSI	-25
Configured 2m 5Ghz RSSI	-30
Use Virtual AX Stations	false
Use AX Radios for AC tests	true
Virt-Sta Rotation 2.4Ghz	0
Virt-Sta Rotation 5Ghz	0
AX Rotation 2.4Ghz	125
AX Rotation 5Ghz	125
Opposite-Speed:	20000
1Gbps Throughput Limit:	925000000
Background Scan Module	simple
Background Short Interval	30
Background Long Interval	300
Background RSSI Threshold	-65
Mesh Settle Time:	60
Starting Low Atten:	30
Starting Max Atten:	70
Virt-Sta Radio 0	1.4.wiphy1 Firmware: 86.fb5c9aeb.0 gl-c0-fm-c0-86.uc Resource: ct523c-ccbc
Virt-Sta Radio 1	1.4.wiphy0 Firmware: 86.fb5c9aeb.0 gl-c0-fm-c0-86.uc Resource: ct523c-ccbc
AX Radio 0	1.4.wiphy0 Firmware: 86.fb5c9aeb.0 gl-c0-fm-c0-86.uc Resource: ct523c-ccbc
AX Radio 1	1.4.wiphy1 Firmware: 86.fb5c9aeb.0 gl-c0-fm-c0-86.uc Resource: ct523c-ccbc
AX Radio 2	1.4.wiphy2 Firmware: 86.fb5c9aeb.0 gl-c0-fm-c0-86.uc Resource: ct523c-ccbc
AX Radio 4	1.4.wiphy4 Firmware: 86.fb5c9aeb.0 gl-c0-fm-c0-86.uc Resource:

	ct523c-ccbc
AX Radio 5	1.4.wiphy5 Firmware: 86.fb5c9aeb.0 gl-c0-fm-c0-86.uc Resource: ct523c-ccbc
AX Radio 6	1.4.wiphy6 Firmware: 86.fb5c9aeb.0 gl-c0-fm-c0-86.uc Resource: ct523c-ccbc
AX Radio 8	1.4.wiphy8 Firmware: 86.fb5c9aeb.0 gl-c0-fm-c0-86.uc Resource: ct523c-ccbc
AX Radio 9	1.4.wiphy9 Firmware: 86.fb5c9aeb.0 gl-c0-fm-c0-86.uc Resource: ct523c-ccbc
AX Radio 10	1.4.wiphy10 Firmware: 86.fb5c9aeb.0 gl-c0-fm-c0-86.uc Resource: ct523c-ccbc
Attenuator 0	rssI-0-2.4Ghz: -26 rssi-0-5Ghz: -47 atten: 1.2.3343.0
Attenuator 1	rssI-0-2.4Ghz: -26 rssi-0-5Ghz: -47 atten: 1.2.3343.1
Attenuator 4	rssI-0-2.4Ghz: -19 rssi-0-5Ghz: -36 atten: 1.2.3342.0
Attenuator 5	rssI-0-2.4Ghz: -19 rssi-0-5Ghz: -36 atten: 1.2.3342.1
Attenuator 8	rssI-0-2.4Ghz: -23 rssi-0-5Ghz: -33 atten: 1.2.3340.0
Attenuator 9	rssI-0-2.4Ghz: -23 rssi-0-5Ghz: -33 atten: 1.2.3340.1
AX Attenuator 0	AX rssi-0-2.4Ghz: -29 rssi-0-5Ghz: -36 atten: 1.2.7.2
AX Attenuator 1	AX rssi-0-2.4Ghz: -29 rssi-0-5Ghz: -36 atten: 1.2.7.3
AX Attenuator 4	AX rssi-0-2.4Ghz: -31 rssi-0-5Ghz: -37 atten: 1.2.3300.2
AX Attenuator 5	AX rssi-0-2.4Ghz: -31 rssi-0-5Ghz: -37 atten: 1.2.3300.3
AX Attenuator 8	AX rssi-0-2.4Ghz: -29 rssi-0-5Ghz: -38 atten: 1.2.7.0
AX Attenuator 9	AX rssi-0-2.4Ghz: -29 rssi-0-5Ghz: -38 atten: 1.2.7.1
AX Attenuator 12	AX rssi-0-2.4Ghz: -35 rssi-0-5Ghz: -46 atten: 1.2.3300.0
AX Attenuator 14	AX rssi-0-2.4Ghz: -35 rssi-0-5Ghz: -46 atten: 1.2.3300.1
AX Attenuator 16	AX rssi-0-2.4Ghz: -35 rssi-0-5Ghz: -46 atten: 1.2.3300.0
AX Attenuator 18	AX rssi-0-2.4Ghz: 5 rssi-0-5Ghz: -46 atten: 1.2.3300.1
AX Attenuator 20	AX rssi-0-2.4Ghz: -35 rssi-0-5Ghz: -46 atten: 1.2.3300.0
AX Attenuator 22	AX rssi-0-2.4Ghz: -35 rssi-0-5Ghz: -46 atten: 1.2.3300.1
AX Attenuator 24	AX rssi-0-2.4Ghz: -31 rssi-0-5Ghz: -43 atten: 1.2.3348.0
AX Attenuator 26	AX rssi-0-2.4Ghz: -31 rssi-0-5Ghz: -43 atten: 1.2.3348.1
AX Attenuator 28	AX rssi-0-2.4Ghz: -26 rssi-0-5Ghz: -27 atten: 1.2.3348.2
AX Attenuator 30	AX rssi-0-2.4Ghz: -26 rssi-0-5Ghz: -27 atten: 1.2.3348.2
Mesh Attenuator 0	Mesh rssi-0-2.4Ghz: -25 rssi-0-5Ghz: -30 atten: 1.2.3340.0
Mesh Attenuator 1	Mesh rssi-0-2.4Ghz: -25 rssi-0-5Ghz: -30 atten: 1.2.3340.1
Mesh Attenuator 2	Mesh rssi-0-2.4Ghz: -25 rssi-0-5Ghz: -30 atten: 1.2.3340.2
Mesh Attenuator 3	Mesh rssi-0-2.4Ghz: -25 rssi-0-5Ghz: -30 atten: 1.2.3340.3
Mesh Attenuator 4	Mesh rssi-0-2.4Ghz: -25 rssi-0-5Ghz: -30 atten:
Mesh Attenuator 5	Mesh rssi-0-2.4Ghz: -25 rssi-0-5Ghz: -30 atten:
Mesh Attenuator 6	Mesh rssi-0-2.4Ghz: -25 rssi-0-5Ghz: -30 atten:
Mesh Attenuator 7	Mesh rssi-0-2.4Ghz: -25 rssi-0-5Ghz: -30 atten:
Mesh Attenuator 8	Mesh rssi-0-2.4Ghz: -25 rssi-0-5Ghz: -30 atten:
Mesh Attenuator 9	Mesh rssi-0-2.4Ghz: -25 rssi-0-5Ghz: -30 atten:
Mesh Attenuator 10	Mesh rssi-0-2.4Ghz: -25 rssi-0-5Ghz: -30 atten:

Mesh Attenuator 11	Mesh rssi-0-2.4Ghz: -25 rssi-0-5Ghz: -30 atten:
Mesh Attenuator 12	Mesh rssi-0-2.4Ghz: -25 rssi-0-5Ghz: -30 atten:
Mesh Attenuator 13	Mesh rssi-0-2.4Ghz: -25 rssi-0-5Ghz: -30 atten:
Mesh Attenuator 14	Mesh rssi-0-2.4Ghz: -25 rssi-0-5Ghz: -30 atten:
Mesh Attenuator 15	Mesh rssi-0-2.4Ghz: -25 rssi-0-5Ghz: -30 atten:
Mesh Attenuator 16	Mesh rssi-0-2.4Ghz: -25 rssi-0-5Ghz: -30 atten:
Mesh Attenuator 17	Mesh rssi-0-2.4Ghz: -25 rssi-0-5Ghz: -30 atten:
Mesh Attenuator 18	Mesh rssi-0-2.4Ghz: -25 rssi-0-5Ghz: -30 atten:
Mesh Attenuator 19	Mesh rssi-0-2.4Ghz: -25 rssi-0-5Ghz: -30 atten:
Mesh Attenuator 20	Mesh rssi-0-2.4Ghz: -25 rssi-0-5Ghz: -30 atten:
Mesh Attenuator 21	Mesh rssi-0-2.4Ghz: -25 rssi-0-5Ghz: -30 atten:
Mesh Attenuator 22	Mesh rssi-0-2.4Ghz: -25 rssi-0-5Ghz: -30 atten:
Mesh Attenuator 23	Mesh rssi-0-2.4Ghz: -25 rssi-0-5Ghz: -30 atten:
Details for Resource: 1.1	Hostname: ct523c-0b0b LANforge ver: 5.4.7 64bit Kernel-Version: 6.7.0-rc7+
Details for Resource: 1.3	Hostname: ct523c-2103 LANforge ver: 5.4.7 64bit Kernel-Version: 6.7.0-rc7+
Details for Resource: 1.4	Hostname: ct523c-ccbc LANforge ver: 5.4.7 64bit Kernel-Version: 6.7.0-rc7+
Show Events	true
Build Date	Thu 28 Dec 2023 12:37:01 PM PST
Git Version	3bfac91788cd971ee42c71cbe5c3926201aa5ba5

[CSV Data](#)

[META Information for TR-398 Issue 4](#)