

Basic-Connection Test

AP Automated Test Plan

Wed Aug 10 18:20:48 IST 2022



| Test Setup Information | |
|------------------------|---|
| Device Under Test | Ap-Auto-Test netgear5g Ap-Auto-Test netgear2g |
| Estimated Run Time | 24 m |
| Actual Run Time | 5.084 m |

Summary Results

| Test | Result | Candela Score | Elapsed | Info |
|---------------------------|---|---------------|---------|---|
| Basic Client Connectivity | <u>2.4Ghz PASS</u> <u>5Ghz PASS</u> <u>Dual-Band PASS</u> | 99 | 4.659 m | Max Stations Connected: 64 Total Connected: 192 / 192 (100.0%) Total Connected In Time: 189 / 192 (98.4%) Combinations Tested: 3 / 9 |

Basic Client Connectivity

Summary

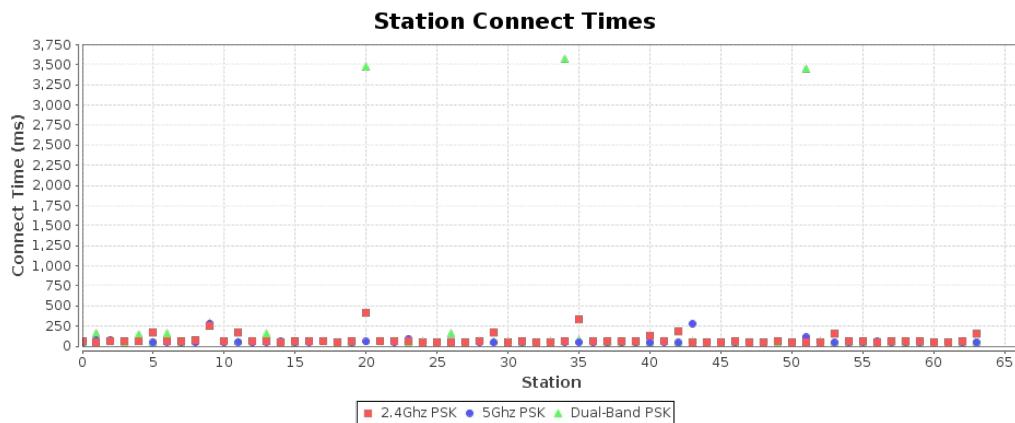
The Maximum Connection test intends to verify that the Wi-Fi AP can support many STAs simultaneously and connect them within a specific time frame. No data traffic is generated during this test. The pass/fail thresholds for connection times are below. The entire test will count as failed if the passing station percentage is below the Percent threshold (90.00%) or if any of the stations failed to connect.

| Auth Method | Threshold |
|-------------------|-----------|
| Open | 250 ms |
| PSK | 500 ms |
| 802.1x Enterprise | 120 ms |

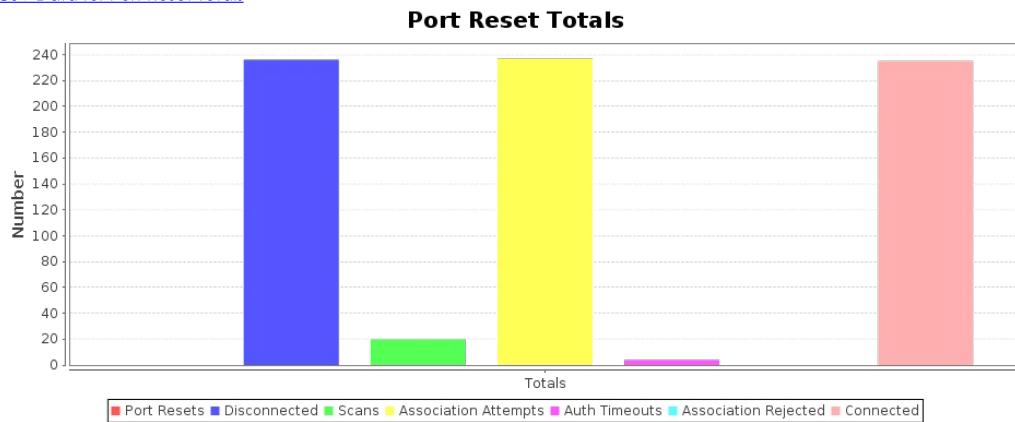
The Candela Score for the Basic Client Connectivity test is based on the percentage of stations that passed the criteria: 75% is based on the percentage of stations that connected, and 25% is based on the percentage that met the association time criteria.

Station connection times for different bands and DUT configurations.

[CSV Data for Station Connect Times](#)



[CSV Data for Port Reset Totals](#)



Basic Client Connectivity Results

| Type | Result | Notes |
|--------------------|--------|--|
| Configuration NOTE | INFO | Skipping DUT idx: 0: No 2.4Ghz DUT configured. |
| Configuration NOTE | INFO | Skipping DUT idx: 0: No 5Ghz DUT configured. |
| Configuration NOTE | INFO | Skipping DUT idx: 0: No 5Ghz DUT configured. |
| Configuration NOTE | INFO | Configured to skip 5Ghz-B band test. |
| Configuration NOTE | INFO | Configured to skip Tri band test. |
| Configuration NOTE | INFO | Configured to skip 5Ghz-B band test. |
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| Configuration NOTE | INFO | Configured to skip 5Ghz-B band test. |
| Configuration NOTE | INFO | Configured to skip Tri band test. |

Basic Client Connectivity Results for 2.4Ghz

| Type | Result | Notes |
|--|--------|--|
| DUT: Ap-Auto-Test netgear2g CH 6 1.1.6 sta00500 | PASS | PSK DHCP: 10086ms Connect: 56 / 500 ms |

| | | |
|---|------|---|
| DUT: Ap-Auto-Test netgear2g CH 6 1.1.7 sta00501 | PASS | PSK DHCP: 3831ms Connect: 54 / 500 ms |
| DUT: Ap-Auto-Test netgear2g CH 6 1.1.9 sta00502 | PASS | PSK DHCP: 6985ms Connect: 55 / 500 ms |
| DUT: Ap-Auto-Test netgear2g CH 6 1.1.10 sta00503 | PASS | PSK DHCP: 3008ms Connect: 64 / 500 ms |
| DUT: Ap-Auto-Test netgear2g CH 6 1.1.11 sta00504 | PASS | PSK DHCP: 8705ms Connect: 56 / 500 ms |
| DUT: Ap-Auto-Test netgear2g CH 6 1.1.12 sta00505 | PASS | PSK DHCP: 7435ms Connect: 165 / 500 ms |
| DUT: Ap-Auto-Test netgear2g CH 6 1.1.13 sta00506 | PASS | PSK DHCP: 5631ms Connect: 59 / 500 ms |
| DUT: Ap-Auto-Test netgear2g CH 6 1.1.14 sta00507 | PASS | PSK DHCP: 8512ms Connect: 63 / 500 ms |
| DUT: Ap-Auto-Test netgear2g CH 6 1.1.15 sta00508 | PASS | PSK DHCP: 8733ms Connect: 77 / 500 ms |
| DUT: Ap-Auto-Test netgear2g CH 6 1.1.16 sta00509 | PASS | PSK DHCP: 10358ms Connect: 255 / 500 ms |
| DUT: Ap-Auto-Test netgear2g CH 6 1.1.17 sta00510 | PASS | PSK DHCP: 8230ms Connect: 60 / 500 ms |
| DUT: Ap-Auto-Test netgear2g CH 6 1.1.18 sta00511 | PASS | PSK DHCP: 9320ms Connect: 164 / 500 ms |
| DUT: Ap-Auto-Test netgear2g CH 6 1.1.19 sta00512 | PASS | PSK DHCP: 8118ms Connect: 61 / 500 ms |
| DUT: Ap-Auto-Test netgear2g CH 6 1.1.20 sta00513 | PASS | PSK DHCP: 7994ms Connect: 60 / 500 ms |
| DUT: Ap-Auto-Test netgear2g CH 6 1.1.21 sta00514 | PASS | PSK DHCP: 10506ms Connect: 52 / 500 ms |
| DUT: Ap-Auto-Test netgear2g CH 6 1.1.22 sta00515 | PASS | PSK DHCP: 9941ms Connect: 62 / 500 ms |
| DUT: Ap-Auto-Test netgear2g CH 6 1.1.23 sta00516 | PASS | PSK DHCP: 9063ms Connect: 57 / 500 ms |
| DUT: Ap-Auto-Test netgear2g CH 6 1.1.24 sta00517 | PASS | PSK DHCP: 10374ms Connect: 60 / 500 ms |
| DUT: Ap-Auto-Test netgear2g CH 6 1.1.25 sta00518 | PASS | PSK DHCP: 8494ms Connect: 52 / 500 ms |
| DUT: Ap-Auto-Test netgear2g CH 6 1.1.26 sta00519 | PASS | PSK DHCP: 10112ms Connect: 62 / 500 ms |
| DUT: Ap-Auto-Test netgear2g CH 6 1.1.27 sta00520 | PASS | PSK DHCP: 10315ms Connect: 412 / 500 ms |
| DUT: Ap-Auto-Test netgear2g CH 6 1.1.28 sta00521 | PASS | PSK DHCP: 9856ms Connect: 55 / 500 ms |
| DUT: Ap-Auto-Test netgear2g CH 6 1.1.29 sta00522 | PASS | PSK DHCP: 9922ms Connect: 56 / 500 ms |
| DUT: Ap-Auto-Test netgear2g CH 6 1.1.30 sta00523 | PASS | PSK DHCP: 9785ms Connect: 56 / 500 ms |
| DUT: Ap-Auto-Test netgear2g CH 6 1.1.31 sta00524 | PASS | PSK DHCP: 11196ms Connect: 48 / 500 ms |
| DUT: Ap-Auto-Test netgear2g CH 6 1.1.32 sta00525 | PASS | PSK DHCP: 7509ms Connect: 54 / 500 ms |
| DUT: Ap-Auto-Test netgear2g CH 6 1.1.33 sta00526 | PASS | PSK DHCP: 8653ms Connect: 54 / 500 ms |

| | | |
|---|------|---|
| DUT: Ap-Auto-Test netgear2g CH 6 1.1.34 sta00527 | PASS | PSK DHCP: 7823ms Connect: 54 / 500 ms |
| DUT: Ap-Auto-Test netgear2g CH 6 1.1.35 sta00528 | PASS | PSK DHCP: 11451ms Connect: 56 / 500 ms |
| DUT: Ap-Auto-Test netgear2g CH 6 1.1.36 sta00529 | PASS | PSK DHCP: 11739ms Connect: 170 / 500 ms |
| DUT: Ap-Auto-Test netgear2g CH 6 1.1.37 sta00530 | PASS | PSK DHCP: 11960ms Connect: 54 / 500 ms |
| DUT: Ap-Auto-Test netgear2g CH 6 1.1.38 sta00531 | PASS | PSK DHCP: 11560ms Connect: 56 / 500 ms |
| DUT: Ap-Auto-Test netgear2g CH 6 1.1.39 sta00532 | PASS | PSK DHCP: 11645ms Connect: 51 / 500 ms |
| DUT: Ap-Auto-Test netgear2g CH 6 1.1.40 sta00533 | PASS | PSK DHCP: 12224ms Connect: 54 / 500 ms |
| DUT: Ap-Auto-Test netgear2g CH 6 1.1.41 sta00534 | PASS | PSK DHCP: 11662ms Connect: 59 / 500 ms |
| DUT: Ap-Auto-Test netgear2g CH 6 1.1.42 sta00535 | PASS | PSK DHCP: 11884ms Connect: 329 / 500 ms |
| DUT: Ap-Auto-Test netgear2g CH 6 1.1.43 sta00536 | PASS | PSK DHCP: 13082ms Connect: 66 / 500 ms |
| DUT: Ap-Auto-Test netgear2g CH 6 1.1.44 sta00537 | PASS | PSK DHCP: 11021ms Connect: 65 / 500 ms |
| DUT: Ap-Auto-Test netgear2g CH 6 1.1.45 sta00538 | PASS | PSK DHCP: 11013ms Connect: 61 / 500 ms |
| DUT: Ap-Auto-Test netgear2g CH 6 1.1.46 sta00539 | PASS | PSK DHCP: 12160ms Connect: 56 / 500 ms |
| DUT: Ap-Auto-Test netgear2g CH 6 1.1.47 sta00540 | PASS | PSK DHCP: 12521ms Connect: 125 / 500 ms |
| DUT: Ap-Auto-Test netgear2g CH 6 1.1.48 sta00541 | PASS | PSK DHCP: 11516ms Connect: 60 / 500 ms |
| DUT: Ap-Auto-Test netgear2g CH 6 1.1.49 sta00542 | PASS | PSK DHCP: 11907ms Connect: 185 / 500 ms |
| DUT: Ap-Auto-Test netgear2g CH 6 1.1.50 sta00543 | PASS | PSK DHCP: 19897ms Connect: 54 / 500 ms |
| DUT: Ap-Auto-Test netgear2g CH 6 1.1.51 sta00544 | PASS | PSK DHCP: 12300ms Connect: 53 / 500 ms |
| DUT: Ap-Auto-Test netgear2g CH 6 1.1.52 sta00545 | PASS | PSK DHCP: 12543ms Connect: 53 / 500 ms |
| DUT: Ap-Auto-Test netgear2g CH 6 1.1.53 sta00546 | PASS | PSK DHCP: 12399ms Connect: 58 / 500 ms |
| DUT: Ap-Auto-Test netgear2g CH 6 1.1.54 sta00547 | PASS | PSK DHCP: 12681ms Connect: 54 / 500 ms |
| DUT: Ap-Auto-Test netgear2g CH 6 1.1.55 sta00548 | PASS | PSK DHCP: 10362ms Connect: 51 / 500 ms |
| DUT: Ap-Auto-Test netgear2g CH 6 1.1.56 sta00549 | PASS | PSK DHCP: 8918ms Connect: 59 / 500 ms |
| DUT: Ap-Auto-Test netgear2g CH 6 1.1.57 sta00550 | PASS | PSK DHCP: 9983ms Connect: 51 / 500 ms |
| DUT: Ap-Auto-Test netgear2g CH 6 1.1.58 sta00551 | PASS | PSK DHCP: 9184ms Connect: 53 / 500 ms |
| DUT: Ap-Auto-Test netgear2g CH 6 1.1.59 sta00552 | PASS | PSK DHCP: 10795ms Connect: 54 / 500 ms |

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| DUT: Ap-Auto-Test netgear2g CH 6 1.1.60 sta00553 | PASS | PSK DHCP: 10268ms Connect: 161 / 500 ms |
| DUT: Ap-Auto-Test netgear2g CH 6 1.1.61 sta00554 | PASS | PSK DHCP: 9569ms Connect: 63 / 500 ms |
| DUT: Ap-Auto-Test netgear2g CH 6 1.1.62 sta00555 | PASS | PSK DHCP: 12571ms Connect: 56 / 500 ms |
| DUT: Ap-Auto-Test netgear2g CH 6 1.1.63 sta00556 | PASS | PSK DHCP: 9595ms Connect: 49 / 500 ms |
| DUT: Ap-Auto-Test netgear2g CH 6 1.1.64 sta00557 | PASS | PSK DHCP: 10439ms Connect: 59 / 500 ms |
| DUT: Ap-Auto-Test netgear2g CH 6 1.1.65 sta00558 | PASS | PSK DHCP: 9886ms Connect: 66 / 500 ms |
| DUT: Ap-Auto-Test netgear2g CH 6 1.1.66 sta00559 | PASS | PSK DHCP: 10361ms Connect: 61 / 500 ms |
| DUT: Ap-Auto-Test netgear2g CH 6 1.1.67 sta00560 | PASS | PSK DHCP: 17270ms Connect: 51 / 500 ms |
| DUT: Ap-Auto-Test netgear2g CH 6 1.1.68 sta00561 | PASS | PSK DHCP: 10816ms Connect: 53 / 500 ms |
| DUT: Ap-Auto-Test netgear2g CH 6 1.1.69 sta00562 | PASS | PSK DHCP: 12547ms Connect: 56 / 500 ms |
| DUT: Ap-Auto-Test netgear2g CH 6 1.1.70 sta00563 | PASS | PSK DHCP: 14950ms Connect: 162 / 500 ms |
| 2.4Ghz DUT: Ap-Auto-Test netgear2g | Summary | Min: 48 Max: 412 Avg: 81.36ms Passing: 100.00% |

Basic Client Connectivity Results for 5Ghz

| Type | Result | Notes |
|--|--------|--|
| DUT: Ap-Auto-Test netgear5g CH 36 1.1.6 sta00500 | PASS | PSK DHCP: 9348ms Connect: 47 / 500 ms |
| DUT: Ap-Auto-Test netgear5g CH 36 1.1.7 sta00501 | PASS | PSK DHCP: 8665ms Connect: 72 / 500 ms |
| DUT: Ap-Auto-Test netgear5g CH 36 1.1.9 sta00502 | PASS | PSK DHCP: 1437ms Connect: 76 / 500 ms |
| DUT: Ap-Auto-Test netgear5g CH 36 1.1.10 sta00503 | PASS | PSK DHCP: 5490ms Connect: 68 / 500 ms |
| DUT: Ap-Auto-Test netgear5g CH 36 1.1.11 sta00504 | PASS | PSK DHCP: 3053ms Connect: 67 / 500 ms |
| DUT: Ap-Auto-Test netgear5g CH 36 1.1.12 sta00505 | PASS | PSK DHCP: 8570ms Connect: 50 / 500 ms |
| DUT: Ap-Auto-Test netgear5g CH 36 1.1.13 sta00506 | PASS | PSK DHCP: 7537ms Connect: 54 / 500 ms |
| DUT: Ap-Auto-Test netgear5g CH 36 1.1.14 sta00507 | PASS | PSK DHCP: 8534ms Connect: 47 / 500 ms |
| DUT: Ap-Auto-Test netgear5g CH 36 1.1.15 sta00508 | PASS | PSK DHCP: 8204ms Connect: 53 / 500 ms |
| DUT: Ap-Auto-Test netgear5g CH 36 1.1.16 sta00509 | PASS | PSK DHCP: 8235ms Connect: 280 / 500 ms |
| DUT: Ap-Auto-Test netgear5g CH 36 1.1.17 sta00510 | PASS | PSK DHCP: 7996ms Connect: 43 / 500 ms |
| DUT: Ap-Auto-Test netgear5g CH 36 1.1.18 | PASS | PSK DHCP: 9553ms Connect: 54 / 500 ms |

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|--|------|--|--|
| sta00511 | | | |
| DUT: Ap-Auto-Test netgear5g CH 36 1.1.19 sta00512 | PASS | PSK DHCP: 9344ms Connect: 41 / 500 ms | |
| DUT: Ap-Auto-Test netgear5g CH 36 1.1.20 sta00513 | PASS | PSK DHCP: 7749ms Connect: 50 / 500 ms | |
| DUT: Ap-Auto-Test netgear5g CH 36 1.1.21 sta00514 | PASS | PSK DHCP: 8852ms Connect: 56 / 500 ms | |
| DUT: Ap-Auto-Test netgear5g CH 36 1.1.22 sta00515 | PASS | PSK DHCP: 8282ms Connect: 46 / 500 ms | |
| DUT: Ap-Auto-Test netgear5g CH 36 1.1.23 sta00516 | PASS | PSK DHCP: 7955ms Connect: 50 / 500 ms | |
| DUT: Ap-Auto-Test netgear5g CH 36 1.1.24 sta00517 | PASS | PSK DHCP: 8591ms Connect: 58 / 500 ms | |
| DUT: Ap-Auto-Test netgear5g CH 36 1.1.25 sta00518 | PASS | PSK DHCP: 9615ms Connect: 46 / 500 ms | |
| DUT: Ap-Auto-Test netgear5g CH 36 1.1.26 sta00519 | PASS | PSK DHCP: 9027ms Connect: 46 / 500 ms | |
| DUT: Ap-Auto-Test netgear5g CH 36 1.1.27 sta00520 | PASS | PSK DHCP: 9795ms Connect: 55 / 500 ms | |
| DUT: Ap-Auto-Test netgear5g CH 36 1.1.28 sta00521 | PASS | PSK DHCP: 9648ms Connect: 61 / 500 ms | |
| DUT: Ap-Auto-Test netgear5g CH 36 1.1.29 sta00522 | PASS | PSK DHCP: 8223ms Connect: 46 / 500 ms | |
| DUT: Ap-Auto-Test netgear5g CH 36 1.1.30 sta00523 | PASS | PSK DHCP: 9543ms Connect: 88 / 500 ms | |
| DUT: Ap-Auto-Test netgear5g CH 36 1.1.31 sta00524 | PASS | PSK DHCP: 10745ms Connect: 42 / 500 ms | |
| DUT: Ap-Auto-Test netgear5g CH 36 1.1.32 sta00525 | PASS | PSK DHCP: 6568ms Connect: 47 / 500 ms | |
| DUT: Ap-Auto-Test netgear5g CH 36 1.1.33 sta00526 | PASS | PSK DHCP: 6425ms Connect: 46 / 500 ms | |
| DUT: Ap-Auto-Test netgear5g CH 36 1.1.34 sta00527 | PASS | PSK DHCP: 8690ms Connect: 48 / 500 ms | |
| DUT: Ap-Auto-Test netgear5g CH 36 1.1.35 sta00528 | PASS | PSK DHCP: 10653ms Connect: 45 / 500 ms | |
| DUT: Ap-Auto-Test netgear5g CH 36 1.1.36 sta00529 | PASS | PSK DHCP: 7021ms Connect: 46 / 500 ms | |
| DUT: Ap-Auto-Test netgear5g CH 36 1.1.37 sta00530 | PASS | PSK DHCP: 10127ms Connect: 44 / 500 ms | |
| DUT: Ap-Auto-Test netgear5g CH 36 1.1.38 sta00531 | PASS | PSK DHCP: 10962ms Connect: 48 / 500 ms | |
| DUT: Ap-Auto-Test netgear5g CH 36 1.1.39 sta00532 | PASS | PSK DHCP: 10489ms Connect: 53 / 500 ms | |
| DUT: Ap-Auto-Test netgear5g CH 36 1.1.40 sta00533 | PASS | PSK DHCP: 10306ms Connect: 49 / 500 ms | |
| DUT: Ap-Auto-Test netgear5g CH 36 1.1.41 sta00534 | PASS | PSK DHCP: 10673ms Connect: 47 / 500 ms | |
| DUT: Ap-Auto-Test netgear5g CH 36 1.1.42 sta00535 | PASS | PSK DHCP: 11289ms Connect: 47 / 500 ms | |
| DUT: Ap-Auto-Test netgear5g CH 36 1.1.43 sta00536 | PASS | PSK DHCP: 11200ms Connect: 41 / 500 ms | |
| DUT: Ap-Auto-Test netgear5g CH 36 1.1.44 | | | |

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|--|------|--|
| sta00537 | PASS | PSK DHCP: 9934ms Connect: 53 / 500 ms |
| DUT: Ap-Auto-Test netgear5g CH 36 1.1.45 sta00538 | PASS | PSK DHCP: 9810ms Connect: 45 / 500 ms |
| DUT: Ap-Auto-Test netgear5g CH 36 1.1.46 sta00539 | PASS | PSK DHCP: 10946ms Connect: 54 / 500 ms |
| DUT: Ap-Auto-Test netgear5g CH 36 1.1.47 sta00540 | PASS | PSK DHCP: 9642ms Connect: 43 / 500 ms |
| DUT: Ap-Auto-Test netgear5g CH 36 1.1.48 sta00541 | PASS | PSK DHCP: 10612ms Connect: 48 / 500 ms |
| DUT: Ap-Auto-Test netgear5g CH 36 1.1.49 sta00542 | PASS | PSK DHCP: 9731ms Connect: 42 / 500 ms |
| DUT: Ap-Auto-Test netgear5g CH 36 1.1.50 sta00543 | PASS | PSK DHCP: 9538ms Connect: 275 / 500 ms |
| DUT: Ap-Auto-Test netgear5g CH 36 1.1.51 sta00544 | PASS | PSK DHCP: 10078ms Connect: 48 / 500 ms |
| DUT: Ap-Auto-Test netgear5g CH 36 1.1.52 sta00545 | PASS | PSK DHCP: 9554ms Connect: 47 / 500 ms |
| DUT: Ap-Auto-Test netgear5g CH 36 1.1.53 sta00546 | PASS | PSK DHCP: 11174ms Connect: 42 / 500 ms |
| DUT: Ap-Auto-Test netgear5g CH 36 1.1.54 sta00547 | PASS | PSK DHCP: 10609ms Connect: 46 / 500 ms |
| DUT: Ap-Auto-Test netgear5g CH 36 1.1.55 sta00548 | PASS | PSK DHCP: 9455ms Connect: 42 / 500 ms |
| DUT: Ap-Auto-Test netgear5g CH 36 1.1.56 sta00549 | PASS | PSK DHCP: 10067ms Connect: 55 / 500 ms |
| DUT: Ap-Auto-Test netgear5g CH 36 1.1.57 sta00550 | PASS | PSK DHCP: 9372ms Connect: 46 / 500 ms |
| DUT: Ap-Auto-Test netgear5g CH 36 1.1.58 sta00551 | PASS | PSK DHCP: 8343ms Connect: 111 / 500 ms |
| DUT: Ap-Auto-Test netgear5g CH 36 1.1.59 sta00552 | PASS | PSK DHCP: 9133ms Connect: 51 / 500 ms |
| DUT: Ap-Auto-Test netgear5g CH 36 1.1.60 sta00553 | PASS | PSK DHCP: 8960ms Connect: 44 / 500 ms |
| DUT: Ap-Auto-Test netgear5g CH 36 1.1.61 sta00554 | PASS | PSK DHCP: 8843ms Connect: 48 / 500 ms |
| DUT: Ap-Auto-Test netgear5g CH 36 1.1.62 sta00555 | PASS | PSK DHCP: 11667ms Connect: 49 / 500 ms |
| DUT: Ap-Auto-Test netgear5g CH 36 1.1.63 sta00556 | PASS | PSK DHCP: 10032ms Connect: 56 / 500 ms |
| DUT: Ap-Auto-Test netgear5g CH 36 1.1.64 sta00557 | PASS | PSK DHCP: 8779ms Connect: 53 / 500 ms |
| DUT: Ap-Auto-Test netgear5g CH 36 1.1.65 sta00558 | PASS | PSK DHCP: 13271ms Connect: 49 / 500 ms |
| DUT: Ap-Auto-Test netgear5g CH 36 1.1.66 sta00559 | PASS | PSK DHCP: 11573ms Connect: 48 / 500 ms |
| DUT: Ap-Auto-Test netgear5g CH 36 1.1.67 sta00560 | PASS | PSK DHCP: 16800ms Connect: 47 / 500 ms |
| DUT: Ap-Auto-Test netgear5g CH 36 1.1.68 sta00561 | PASS | PSK DHCP: 13459ms Connect: 45 / 500 ms |
| DUT: Ap-Auto-Test netgear5g CH 36 1.1.69 sta00562 | PASS | PSK DHCP: 18473ms Connect: 49 / 500 ms |

| | | |
|---|---|--|
| DUT: Ap-Auto-Test netgear5g CH 36 1.1.70 sta00563 | PASS | PSK DHCP: 13406ms Connect: 48 / 500 ms |
| 5Ghz DUT: Ap-Auto-Test netgear5g | Summary | Min: 41 Max: 280 Avg: 58.45ms Passing: 100.00% |

Basic Client Connectivity Results for Dual-Band

| Type | Result | Notes |
|--|---|--|
| DUT: Ap-Auto-Test netgear2g Ap-Auto-Test netgear5g CH 6 1.1.6 sta00500 | PASS | PSK DHCP: 5958ms Connect: 54 / 500 ms |
| DUT: Ap-Auto-Test netgear2g Ap-Auto-Test netgear5g CH 6 1.1.7 sta00501 | PASS | PSK DHCP: 7845ms Connect: 162 / 500 ms |
| DUT: Ap-Auto-Test netgear2g Ap-Auto-Test netgear5g CH 6 1.1.9 sta00502 | PASS | PSK DHCP: 10594ms Connect: 62 / 500 ms |
| DUT: Ap-Auto-Test netgear2g Ap-Auto-Test netgear5g CH 6 1.1.10 sta00503 | PASS | PSK DHCP: 9127ms Connect: 51 / 500 ms |
| DUT: Ap-Auto-Test netgear2g Ap-Auto-Test netgear5g CH 6 1.1.11 sta00504 | PASS | PSK DHCP: 7902ms Connect: 149 / 500 ms |
| DUT: Ap-Auto-Test netgear2g Ap-Auto-Test netgear5g CH 6 1.1.12 sta00505 | PASS | PSK DHCP: 10963ms Connect: 47 / 500 ms |
| DUT: Ap-Auto-Test netgear2g Ap-Auto-Test netgear5g CH 6 1.1.13 sta00506 | PASS | PSK DHCP: 7849ms Connect: 154 / 500 ms |
| DUT: Ap-Auto-Test netgear2g Ap-Auto-Test netgear5g CH 6 1.1.14 sta00507 | PASS | PSK DHCP: 7462ms Connect: 47 / 500 ms |
| DUT: Ap-Auto-Test netgear2g Ap-Auto-Test netgear5g CH 6 1.1.15 sta00508 | PASS | PSK DHCP: 11625ms Connect: 56 / 500 ms |
| DUT: Ap-Auto-Test netgear2g Ap-Auto-Test netgear5g CH 6 1.1.16 sta00509 | PASS | PSK DHCP: 10613ms Connect: 292 / 500 ms |
| DUT: Ap-Auto-Test netgear2g Ap-Auto-Test netgear5g CH 6 1.1.17 sta00510 | PASS | PSK DHCP: 9911ms Connect: 66 / 500 ms |
| DUT: Ap-Auto-Test netgear2g Ap-Auto-Test netgear5g CH 6 1.1.18 sta00511 | PASS | PSK DHCP: 10212ms Connect: 56 / 500 ms |
| DUT: Ap-Auto-Test netgear2g Ap-Auto-Test netgear5g CH 6 1.1.19 sta00512 | PASS | PSK DHCP: 14204ms Connect: 66 / 500 ms |
| DUT: Ap-Auto-Test netgear2g Ap-Auto-Test netgear5g CH 6 1.1.20 sta00513 | PASS | PSK DHCP: 13947ms Connect: 154 / 500 ms |
| DUT: Ap-Auto-Test netgear2g Ap-Auto-Test netgear5g CH 6 1.1.21 sta00514 | PASS | PSK DHCP: 13738ms Connect: 54 / 500 ms |
| DUT: Ap-Auto-Test netgear2g Ap-Auto-Test netgear5g CH 6 1.1.22 sta00515 | PASS | PSK DHCP: 8874ms Connect: 52 / 500 ms |
| DUT: Ap-Auto-Test netgear2g Ap-Auto-Test netgear5g CH 6 1.1.23 sta00516 | PASS | PSK DHCP: 7931ms Connect: 57 / 500 ms |
| DUT: Ap-Auto-Test netgear2g Ap-Auto-Test netgear5g CH 6 1.1.24 sta00517 | PASS | PSK DHCP: 14070ms Connect: 57 / 500 ms |
| DUT: Ap-Auto-Test netgear2g Ap-Auto-Test netgear5g CH 6 1.1.25 sta00518 | PASS | PSK DHCP: 15478ms Connect: 53 / 500 ms |
| DUT: Ap-Auto-Test netgear2g Ap-Auto-Test netgear5g CH 6 1.1.26 sta00519 | PASS | PSK DHCP: 7914ms Connect: 51 / 500 ms |
| DUT: Ap-Auto-Test netgear2g Ap-Auto-Test netgear5g CH 6 1.1.27 sta00520 | FAIL | PSK DHCP: 13850ms Connect: 3482 / 500 ms |
| DUT: Ap-Auto-Test netgear2g | PASS | PSK DHCP: 14592ms Connect: 65 / 500 ms |

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|--|------|---|
| Ap-Auto-Test netgear5g CH 6 1.1.28 sta00521 | | |
| DUT: Ap-Auto-Test netgear2g Ap-Auto-Test netgear5g CH 6 1.1.29 sta00522 | PASS | PSK DHCP: 14806ms Connect: 62 / 500 ms |
| DUT: Ap-Auto-Test netgear2g Ap-Auto-Test netgear5g CH 6 1.1.30 sta00523 | PASS | PSK DHCP: 12901ms Connect: 52 / 500 ms |
| DUT: Ap-Auto-Test netgear2g Ap-Auto-Test netgear5g CH 6 1.1.31 sta00524 | PASS | PSK DHCP: 10182ms Connect: 56 / 500 ms |
| DUT: Ap-Auto-Test netgear2g Ap-Auto-Test netgear5g CH 6 1.1.32 sta00525 | PASS | PSK DHCP: 12287ms Connect: 52 / 500 ms |
| DUT: Ap-Auto-Test netgear2g Ap-Auto-Test netgear5g CH 6 1.1.33 sta00526 | PASS | PSK DHCP: 11728ms Connect: 160 / 500 ms |
| DUT: Ap-Auto-Test netgear2g Ap-Auto-Test netgear5g CH 6 1.1.34 sta00527 | PASS | PSK DHCP: 10186ms Connect: 52 / 500 ms |
| DUT: Ap-Auto-Test netgear2g Ap-Auto-Test netgear5g CH 6 1.1.35 sta00528 | PASS | PSK DHCP: 32398ms Connect: 55 / 500 ms |
| DUT: Ap-Auto-Test netgear2g Ap-Auto-Test netgear5g CH 6 1.1.36 sta00529 | PASS | PSK DHCP: 11092ms Connect: 61 / 500 ms |
| DUT: Ap-Auto-Test netgear2g Ap-Auto-Test netgear5g CH 6 1.1.37 sta00530 | PASS | PSK DHCP: 23661ms Connect: 56 / 500 ms |
| DUT: Ap-Auto-Test netgear2g Ap-Auto-Test netgear5g CH 6 1.1.38 sta00531 | PASS | PSK DHCP: 12492ms Connect: 53 / 500 ms |
| DUT: Ap-Auto-Test netgear2g Ap-Auto-Test netgear5g CH 36 1.1.39 sta01000 | PASS | PSK DHCP: 8370ms Connect: 52 / 500 ms |
| DUT: Ap-Auto-Test netgear2g Ap-Auto-Test netgear5g CH 36 1.1.40 sta01001 | PASS | PSK DHCP: 7158ms Connect: 68 / 500 ms |
| DUT: Ap-Auto-Test netgear2g Ap-Auto-Test netgear5g CH 36 1.1.41 sta01002 | FAIL | PSK DHCP: 7880ms Connect: 3577 / 500 ms |
| DUT: Ap-Auto-Test netgear2g Ap-Auto-Test netgear5g CH 36 1.1.42 sta01003 | PASS | PSK DHCP: 7952ms Connect: 77 / 500 ms |
| DUT: Ap-Auto-Test netgear2g Ap-Auto-Test netgear5g CH 36 1.1.43 sta01004 | PASS | PSK DHCP: 7333ms Connect: 66 / 500 ms |
| DUT: Ap-Auto-Test netgear2g Ap-Auto-Test netgear5g CH 36 1.1.44 sta01005 | PASS | PSK DHCP: 10606ms Connect: 50 / 500 ms |
| DUT: Ap-Auto-Test netgear2g Ap-Auto-Test netgear5g CH 36 1.1.45 sta01006 | PASS | PSK DHCP: 8105ms Connect: 40 / 500 ms |
| DUT: Ap-Auto-Test netgear2g Ap-Auto-Test netgear5g CH 36 1.1.46 sta01007 | PASS | PSK DHCP: 10544ms Connect: 38 / 500 ms |
| DUT: Ap-Auto-Test netgear2g Ap-Auto-Test netgear5g CH 36 1.1.47 sta01008 | PASS | PSK DHCP: 9716ms Connect: 45 / 500 ms |
| DUT: Ap-Auto-Test netgear2g Ap-Auto-Test netgear5g CH 36 1.1.48 sta01009 | PASS | PSK DHCP: 7647ms Connect: 57 / 500 ms |
| DUT: Ap-Auto-Test netgear2g Ap-Auto-Test netgear5g CH 36 1.1.49 sta01010 | PASS | PSK DHCP: 10874ms Connect: 51 / 500 ms |
| DUT: Ap-Auto-Test netgear2g | | |

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|--|------|--|
| Ap-Auto-Test netgear5g CH 36 1.1.50 sta01011 | PASS | PSK DHCP: 7913ms Connect: 55 / 500 ms |
| DUT: Ap-Auto-Test netgear2g Ap-Auto-Test netgear5g CH 36 1.1.51 sta01012 | PASS | PSK DHCP: 13985ms Connect: 47 / 500 ms |
| DUT: Ap-Auto-Test netgear2g Ap-Auto-Test netgear5g CH 36 1.1.52 sta01013 | PASS | PSK DHCP: 7889ms Connect: 47 / 500 ms |
| DUT: Ap-Auto-Test netgear2g Ap-Auto-Test netgear5g CH 36 1.1.53 sta01014 | PASS | PSK DHCP: 12705ms Connect: 45 / 500 ms |
| DUT: Ap-Auto-Test netgear2g Ap-Auto-Test netgear5g CH 36 1.1.54 sta01015 | PASS | PSK DHCP: 13327ms Connect: 53 / 500 ms |
| DUT: Ap-Auto-Test netgear2g Ap-Auto-Test netgear5g CH 36 1.1.55 sta01016 | PASS | PSK DHCP: 14430ms Connect: 46 / 500 ms |
| DUT: Ap-Auto-Test netgear2g Ap-Auto-Test netgear5g CH 36 1.1.56 sta01017 | PASS | PSK DHCP: 10943ms Connect: 49 / 500 ms |
| DUT: Ap-Auto-Test netgear2g Ap-Auto-Test netgear5g CH 36 1.1.57 sta01018 | PASS | PSK DHCP: 13642ms Connect: 45 / 500 ms |
| DUT: Ap-Auto-Test netgear2g Ap-Auto-Test netgear5g CH 36 1.1.58 sta01019 | FAIL | PSK DHCP: 12143ms Connect: 3454 / 500 ms |
| DUT: Ap-Auto-Test netgear2g Ap-Auto-Test netgear5g CH 36 1.1.59 sta01020 | PASS | PSK DHCP: 13470ms Connect: 58 / 500 ms |
| DUT: Ap-Auto-Test netgear2g Ap-Auto-Test netgear5g CH 36 1.1.60 sta01021 | PASS | PSK DHCP: 14396ms Connect: 46 / 500 ms |
| DUT: Ap-Auto-Test netgear2g Ap-Auto-Test netgear5g CH 36 1.1.61 sta01022 | PASS | PSK DHCP: 13500ms Connect: 44 / 500 ms |
| DUT: Ap-Auto-Test netgear2g Ap-Auto-Test netgear5g CH 36 1.1.62 sta01023 | PASS | PSK DHCP: 14894ms Connect: 50 / 500 ms |
| DUT: Ap-Auto-Test netgear2g Ap-Auto-Test netgear5g CH 36 1.1.63 sta01024 | PASS | PSK DHCP: 10479ms Connect: 46 / 500 ms |
| DUT: Ap-Auto-Test netgear2g Ap-Auto-Test netgear5g CH 36 1.1.64 sta01025 | PASS | PSK DHCP: 11855ms Connect: 39 / 500 ms |
| DUT: Ap-Auto-Test netgear2g Ap-Auto-Test netgear5g CH 36 1.1.65 sta01026 | PASS | PSK DHCP: 9518ms Connect: 45 / 500 ms |
| DUT: Ap-Auto-Test netgear2g Ap-Auto-Test netgear5g CH 36 1.1.66 sta01027 | PASS | PSK DHCP: 15918ms Connect: 49 / 500 ms |
| DUT: Ap-Auto-Test netgear2g Ap-Auto-Test netgear5g CH 36 1.1.67 sta01028 | PASS | PSK DHCP: 19049ms Connect: 54 / 500 ms |
| DUT: Ap-Auto-Test netgear2g Ap-Auto-Test netgear5g CH 36 1.1.68 sta01029 | PASS | PSK DHCP: 18550ms Connect: 50 / 500 ms |

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| DUT: Ap-Auto-Test netgear2g Ap-Auto-Test netgear5g CH 36 1.1.69 sta01030 | PASS | PSK DHCP: 11372ms Connect: 49 / 500 ms |
| DUT: Ap-Auto-Test netgear2g Ap-Auto-Test netgear5g CH 36 1.1.70 sta01031 | PASS | PSK DHCP: 14912ms Connect: 48 / 500 ms |
| Dual-Band DUT: Ap-Auto-Test netgear2g Ap-Auto-Test netgear5g | Summary | Min: 38 Max: 3577 Avg: 226.34ms Passing: 95.31% |

[Key Performance Indicators CSV](#)

| Test configuration and LANforge software version | |
|--|--|
| Auto-Helper | true |
| Skip 2.4Ghz Tests | false |
| Skip 5Ghz Tests | false |
| Skip 5Gzh-B Tests | true |
| Skip Dual-Band Tests | false |
| Skip Tri-Band Tests | true |
| Use BSSID | true |
| Set Radio TxPower to Default | false |
| Loop Iterations: | 1 |
| 2.4Ghz Station Count: | 64 |
| 5Ghz Station Count: | 64 |
| Dual-Band Station Count: | 64 |
| 5Ghz-B Station Count: | 64 |
| Tri-Band Station Count: | 64 |
| Duration-20 | 10 |
| Hunt Retries: | 1 |
| Maximum Hunt Iterations: | 15 |
| Multi-Conn | 1 |
| ToS | 0 |
| Upstream Port | 1.1.1 eth1 Firmware: 0. 0-0 Resource: LF-Lecturehall |
| Stability Duration: | 1 h |
| Concurrent Ports to Reset: | 1 |
| Minimum Time between Resets: | 10000 |
| Maximum Time between Resets: | 60000 |
| Long-Term Station Count: | 2 |
| VOIP Call Count: | 20 |
| Percent: | 900000 |
| Open: | 250 |
| PSK: | 500 |
| Enterprise: | 120 |
| Stability stall threshold UDP Upload: | 100000 |

| | |
|---|----------|
| Stability stall threshold UDP Download: | 100000 |
| Stability stall threshold TCP Upload: | 100000 |
| Stability stall threshold TCP Download: | 100000 |
| Stability stall threshold Video: | 100000 |
| Stability stall threshold VOIP: | 20000 |
| Stability Helper Script: | |
| Stability Multicast Min Download Rate: | 100000 |
| Stability Multicast Max Download Rate: | 0 |
| Stability UDP Min Download Rate: | 500000 |
| Stability UDP Max Download Rate: | 0 |
| Stability UDP Min Upload Rate: | 500000 |
| Stability UDP Max Upload Rate: | 0 |
| Stability TCP Min Download Rate: | 500000 |
| Stability TCP Max Download Rate: | 0 |
| Stability TCP Min Upload Rate: | 500000 |
| Stability TCP Max Upload Rate: | 0 |
| 2.4Ghz Legacy% | 0 |
| 2.4Ghz N% | 0 |
| 2.4Ghz AC% | 0 |
| 2.4Ghz AX/AUTO% | 100 |
| 5Ghz Legacy% | 0 |
| 5Ghz N% | 0 |
| 5Ghz AC% | 0 |
| 5Ghz AX/AUTO% | 100 |
| Long-Term Duration: | 1 h |
| Long-Term Graph Interval: | 30 |
| Long-Term Download Rate: | 85% |
| Video Emulation Rate: | 20000000 |
| Video Buffer Size: | 1000000 |
| Long-Term Upload Rate: | 85% |
| Use Packet Sizes | false |
| Reset Radios | false |
| Use Packet Sizes | false |
| Always expect 5g | false |
| Spatial Streams | 2 |
| Bandwidth | AUTO |

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

[META Information for Basic-Connection Test](#)

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