

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	2.4Ghz PASS 5Ghz PASS Dual-Band PASS	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

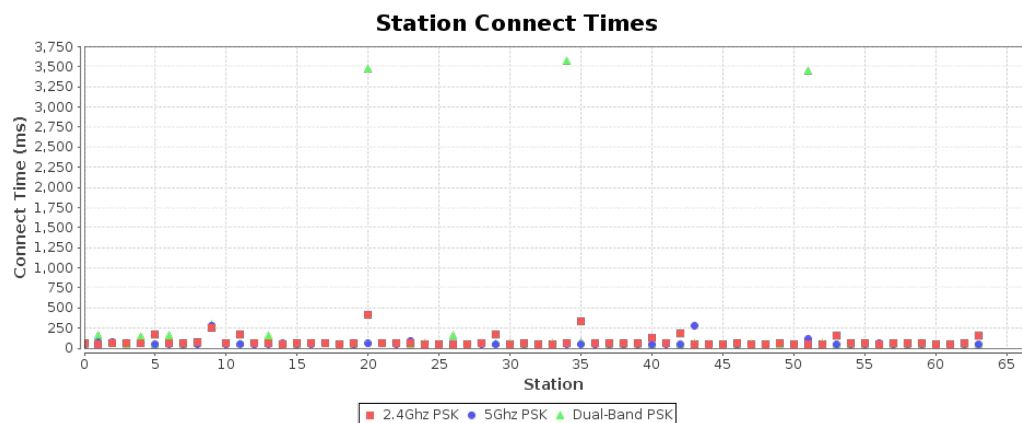
The Maximum Connection test intends to verify that the Wi-Fi AP can support many STAs simultaneously and connect them within a specific time frame. No data traffic is generated during this test. The pass/fail thresholds for connection times are below. The entire test will count as failed if the passing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

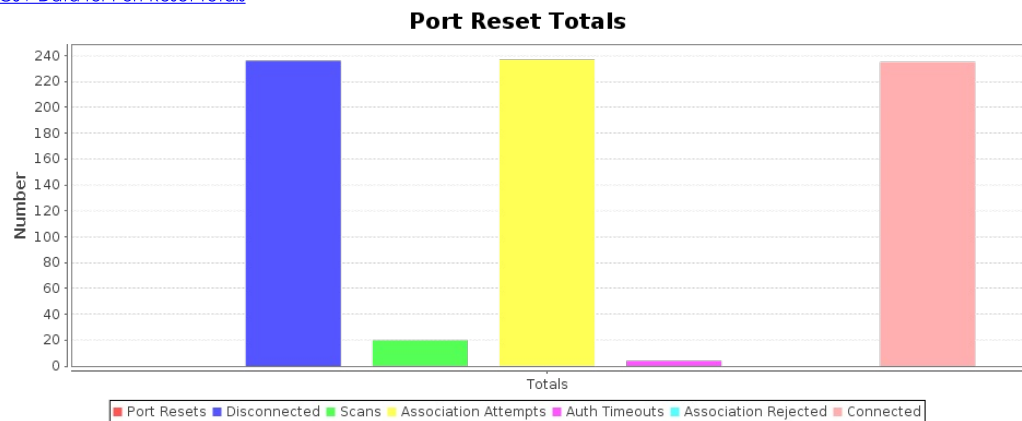
The Candela Score for the Basic Client Connectivity test is based on the percentage of stations that passed the criteria: 75% is based on the percentage of stations that connected, and 25% is based on the percentage that met the association time criteria.

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.
Configuration NOTE	INFO	Configured to skip Tri band test.
Configuration NOTE	INFO	Skipping DUT idx: 2: No 2.4Ghz DUT configured.
Configuration NOTE	INFO	Skipping DUT idx: 2: No 5Ghz DUT configured.
Configuration NOTE	INFO	Skipping DUT idx: 2: No 5Ghz DUT configured.
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

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

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		

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

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		

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

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-__xH-023-1d83261a Resource: LF-Lecturehall
WiFi Radio 0	1.1.3 wiphy2 Firmware: 10.4b-ct-9984-xH-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](#)