

Mixed Traffic Test (Serial)

2026-02-24-14-53-20



Test Setup Information

Overall Setup Info For all Tests	DUT Model	Test_DUT
	DUT Firmware	NA
	SSID	NETGEAR_2G_Open
	Security	open
	No of Devices	5 (Virtual Clients: 5, Windows: 0, Linux: 0, Mac: 0, Android: 0 ,iOS: 0)
	Test Duration (HH:MM:SS)	00:13:00

Objective

The Candela mixed traffic test is designed to measure the access point performance and stability by running multiple traffic on real clients like Android, Linux, Windows, and IOS connected to the access point. This test allows the user to choose multiple types of traffic like client capacity test, web browser test, video streaming test ping test. Along with the performance measurements are client connection times, Station 4-Way Handshake time, DHCP times, and more. The expected behavior is for the AP to be able to handle all types of traffic on the several stations (within the limitations of the AP specs) and Make sure all clients can run all types of traffic.

Traffic Details

Sno	Test Cases	Test Duration	Test Status
1	Ping Test		
2	Quality Of Service(QOS) Test ['VO']		
3	FTP Test	1.0 minute	Executed
4	HTTP Test		
5	Multicast Test		

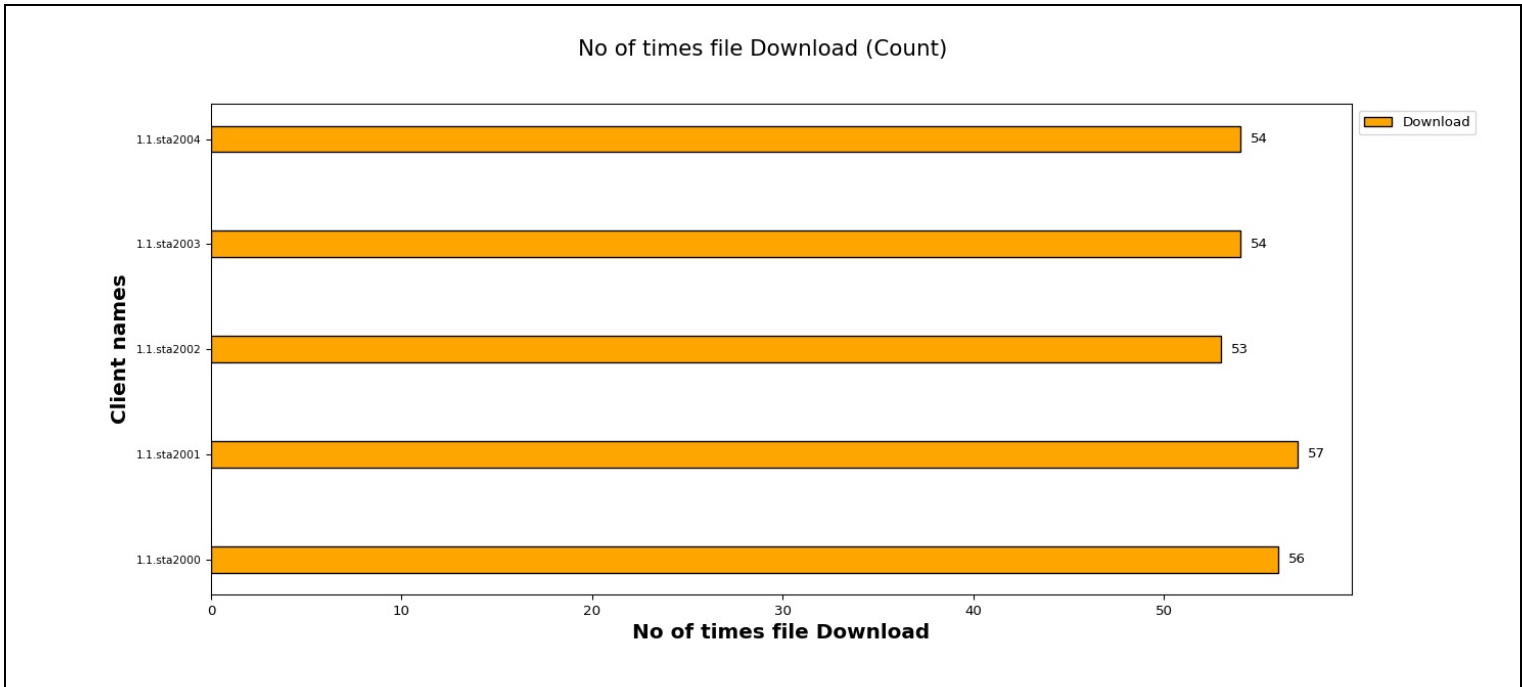
3. File Transfer Protocol (FTP) Test

Test Configuration

Test Setup Information	Traffic Direction	Download
	File Size	1MB
	File Location	/home/lanforge

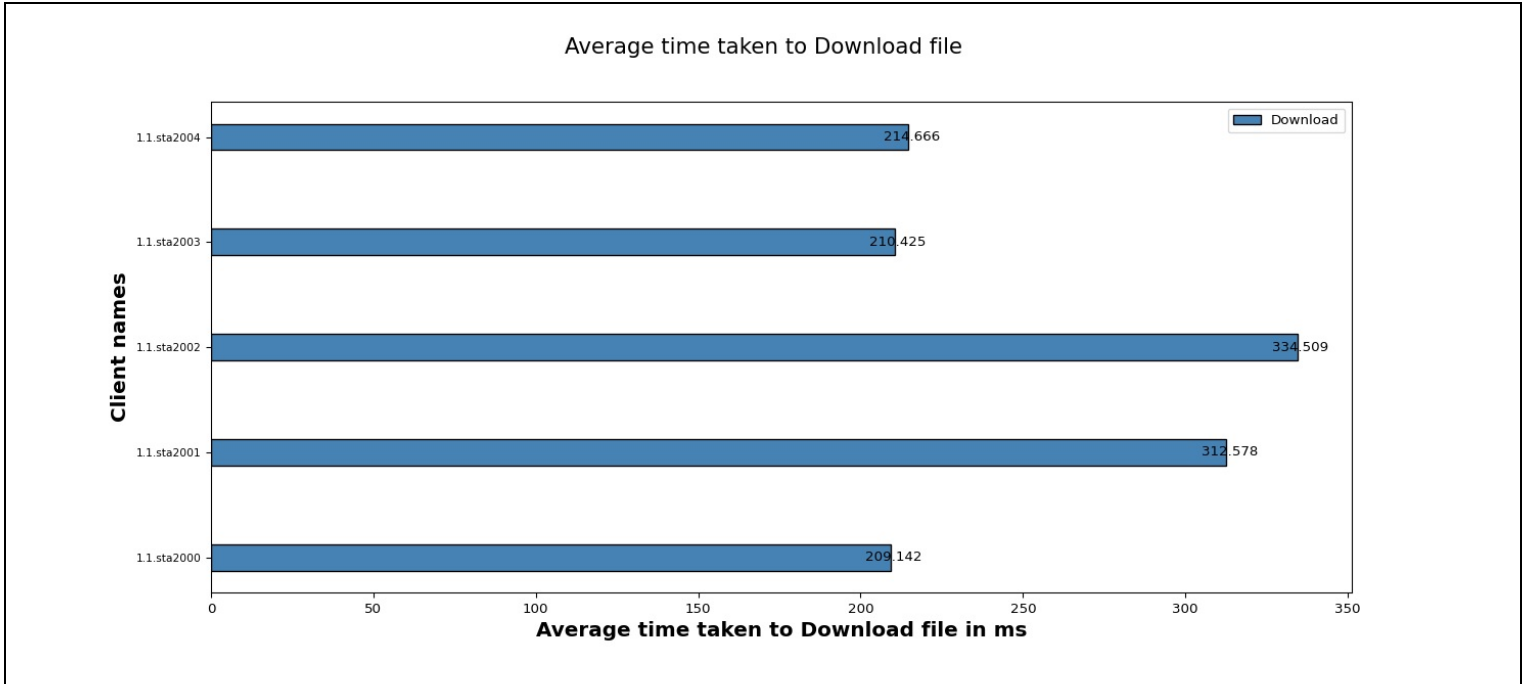
No.of times file Download

The below graph represents number of times a file Download for each client (WiFi) traffic. X-axis shows "No of times file Download" and Y-axis shows "Client names".



Average time taken to Download file

The below graph represents average time taken to Download for each client (WiFi) traffic. X-axis shows "Average time taken to Download a file " and Y-axis shows "Client names".



Overall Results

Clients	MAC	Channel	SSID	Mode	No of times File downloaded	Time Taken to Download file (ms)	Bytes-rd (Mega Bytes)	RX RATE (Mbps)
1.1.sta2000	04:f0:21:89:c1:f4	11	NETGEAR_2G_Open	802.11bgn-AC 20 2x2	56	209.142	56.0	7.7529
1.1.sta2001	04:f0:21:89:4d:f4	11	NETGEAR_2G_Open	802.11bgn-AC 20 2x2	57	312.578	57.0	7.7362
1.1.sta2002	04:f0:21:89:fd:f4	11	NETGEAR_2G_Open	802.11bgn-AC 20 2x2	53	334.509	53.0	7.9054
1.1.sta2003	04:f0:21:89:93:f4	11	NETGEAR_2G_Open	802.11bgn-AC 20 2x2	54	210.425	54.0	7.8335
1.1.sta2004	04:f0:21:89:df:f4	11	NETGEAR_2G_Open	802.11bgn-AC 20 2x2	54	214.666	54.0	7.8894

Overall Info	contact	support@candelatech.com						

