Web Browser Test

2026-02-20-01-26-37
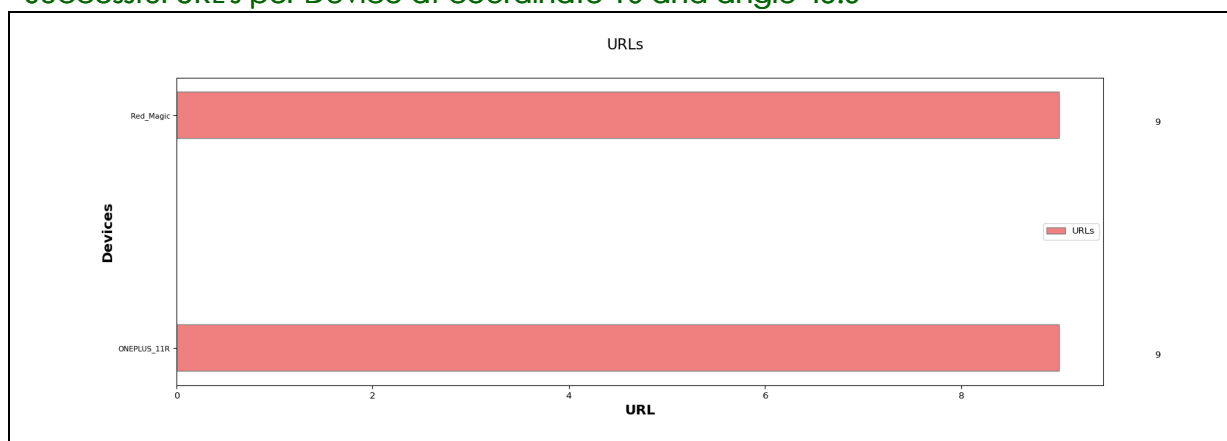
Candela
TECHNOLOGIES

Objective:

The Candela Web browser test is designed to measure the Access Point performance and stability by browsing multiple websites in real clients like android, Linux, windowsand IOS which are connected to the access point. This test allows the user to choose the options like website link,the number of times the page has to browse, and the Time taken to browse the page.The expected behavior is for the AP to be able to handle several stations(within the limitations of the AP specs) and make sure all clients can browse the page.
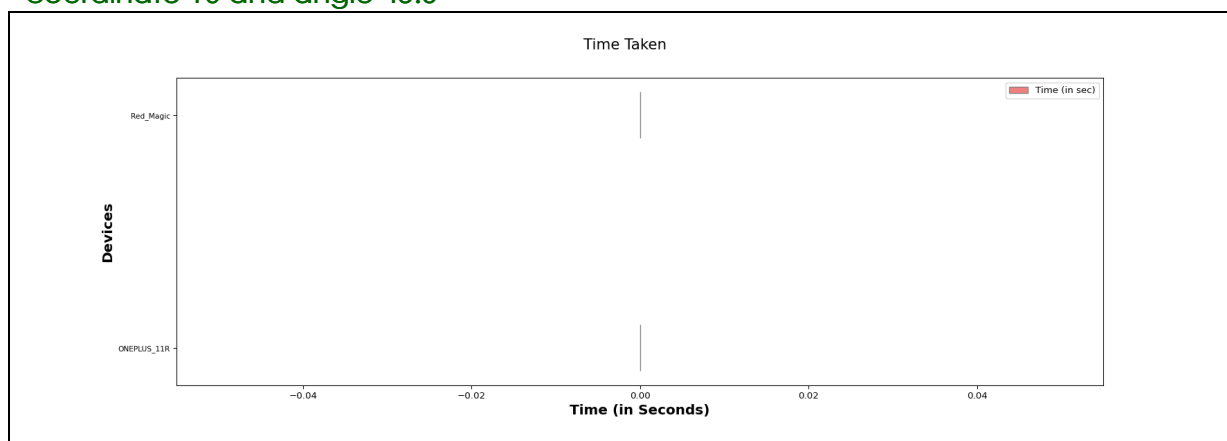
Test Parameters:

Test Parameters	Configured Devies	['ONEPLUS_11R (Android)', 'Red_Magic (Android)']
	No of Clients	W(0),L(0),M(0), A(2)
	Required URL Count	10
	URL	www.google.com
	Test Duration (min)	1

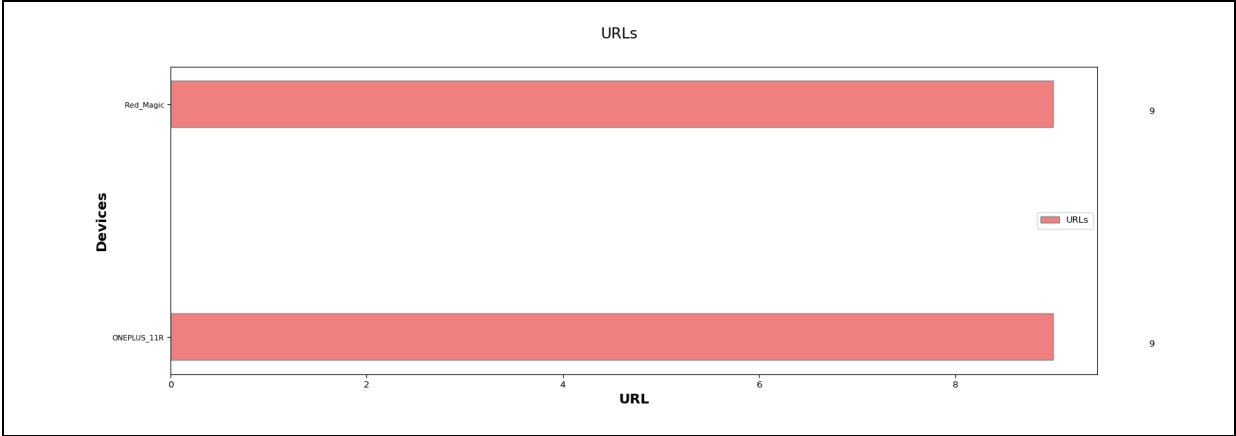## Successful URL's per Device at coordinate 10 and angle 45.0

Time Taken Vs Device For Completing 10 RealTime URLs at coordinate 10 and angle 45.0

Final Test Results at coordinate 10 and angle 45.0:

Device Type	Hostname	SSID	MAC	Channel	UC-MIN (ms)	UC-MAX (ms)	UC-AVG (ms)	Total Successful URLs	Expected URLS	Total Errors	RSSI	Link Speed	Status
Android	ONEPLUS_11R	Roaming	30:bb:7d:c7:f2:f9	56	0.433	0.784	0.509777	9	5	0	-31	2593 Mbps	PASS
Android	Red_Magic	Roaming	dc:f0:90:ed:e0:53	56	0.357	0.887	0.509444	9	5	0	-40	1729 Mbps	PASS

Successful URL's per Device at coordinate 6 and angle 45.0

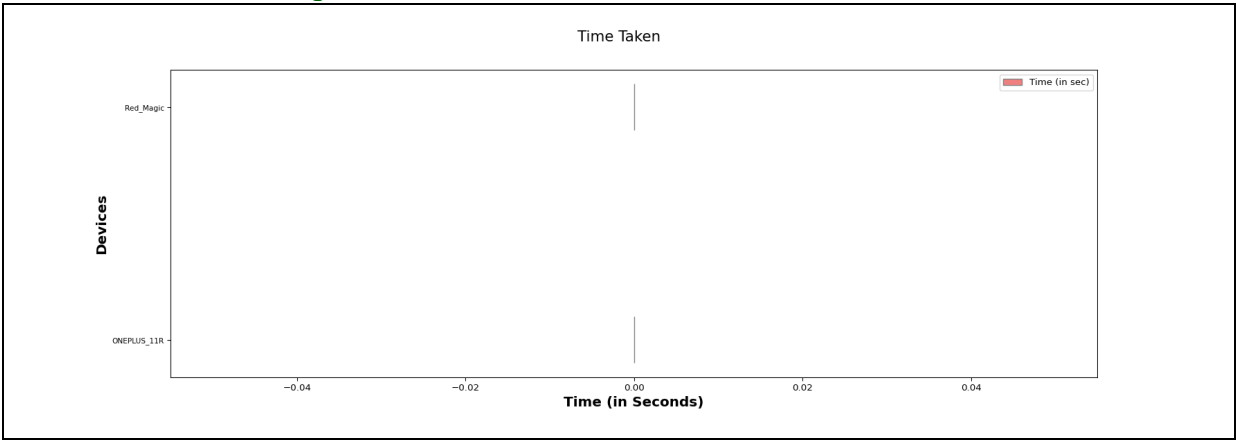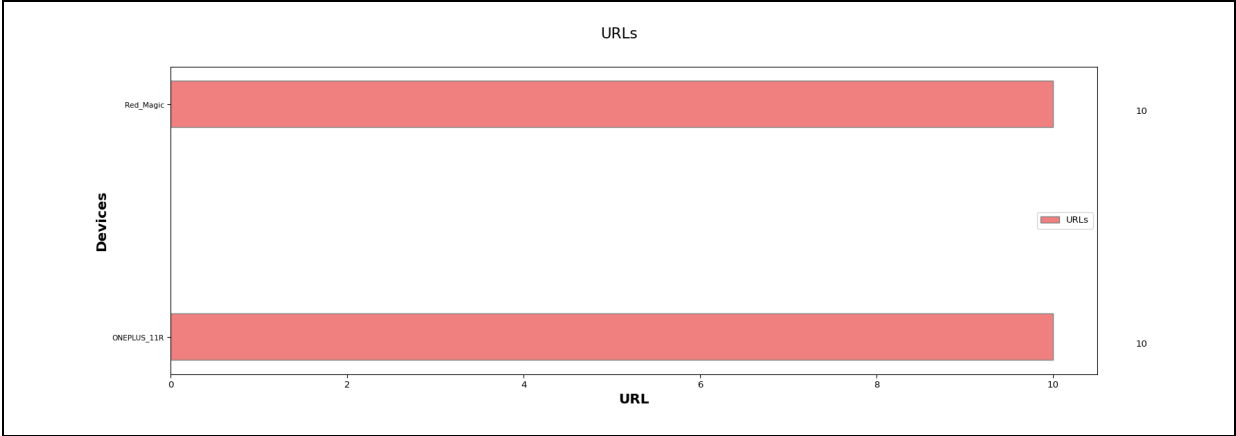## Time Taken Vs Device For Completing 10 RealTime URLs at coordinate 6 and angle 45.0

Final Test Results at coordinate 6 and angle 45.0:

Device Type	Hostname	SSID	MAC	Channel	UC-MIN (ms)	UC-MAX (ms)	UC-AVG (ms)	Total Successful URLs	Expected URLS	Total Errors	RSSI	Link Speed	Status
Android	ONEPLUS_11R	Roaming	30:bb:7d:c7:f2:f9	56	0.397	0.659	0.460333	9	5	0	-31	2593 Mbps	PASS
Android	Red_Magic	Roaming	dc:f0:90:ed:e0:53	56	0.380	0.934	0.479888	9	5	0	-40	1729 Mbps	PASS

Successful URL's per Device at coordinate 29 and angle 45.0

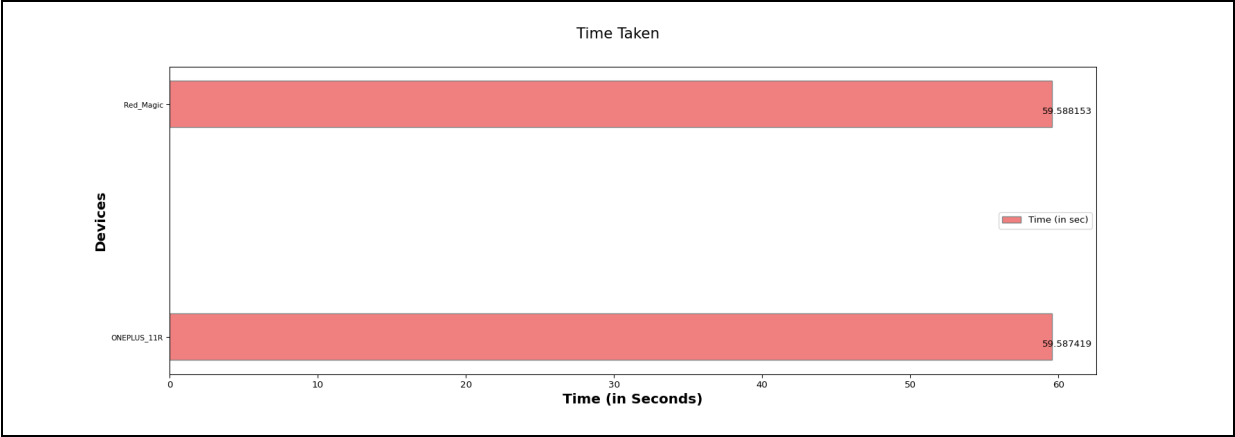## Time Taken Vs Device For Completing 10 RealTime URLs at coordinate 29 and angle 45.0

Final Test Results at coordinate 29 and angle 45.0:

Device Type	Hostname	SSID	MAC	Channel	UC-MIN (ms)	UC-MAX (ms)	UC-AVG (ms)	Total Successful URLs	Expected URLS	Total Errors	RSSI	Link Speed	Status
Android	ONEPLUS_11R	Roaming	30:bb:7d:c7:f2:f9	56	0.385	0.575	0.4423	10	5	0	-31	2593 Mbps	PASS
Android	Red_Magic	Roaming	dc:f0:90:ed:e0:53	56	0.374	0.981	0.5491	10	5	0	-40	1729 Mbps	PASS

Real Time url's Real Browser :

Floor Name: 4th_Floor