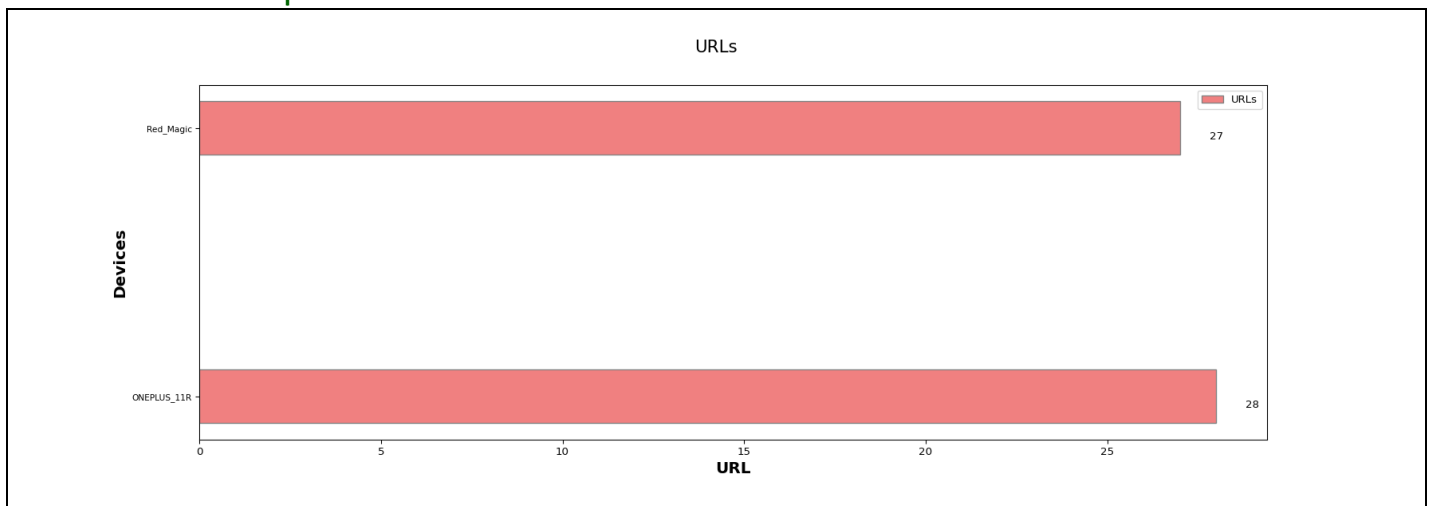# Web Browser Test

2026-02-20-01-32-50

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, Windows, and iOS which are connected to the access point. This test allows the user to choose options such as website link, the number of times the page has to be browsed, and the time taken to browse the page. The expected behavior is for the AP to handle several stations (within the limitations of the AP specs) while ensuring all clients can browse the page.
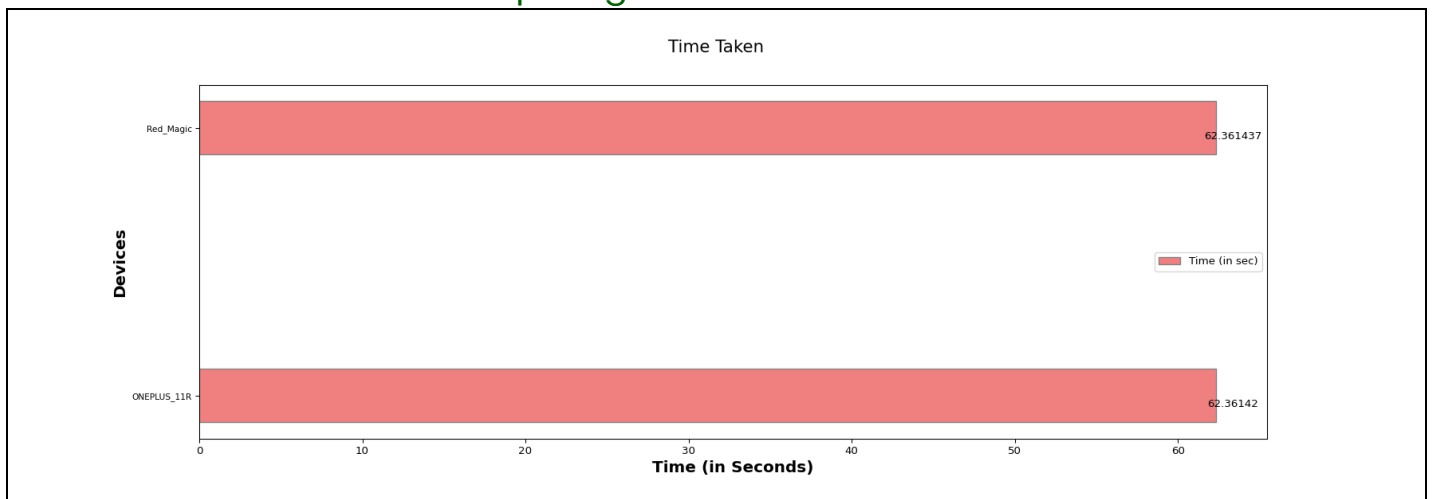
Test Parameters:

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

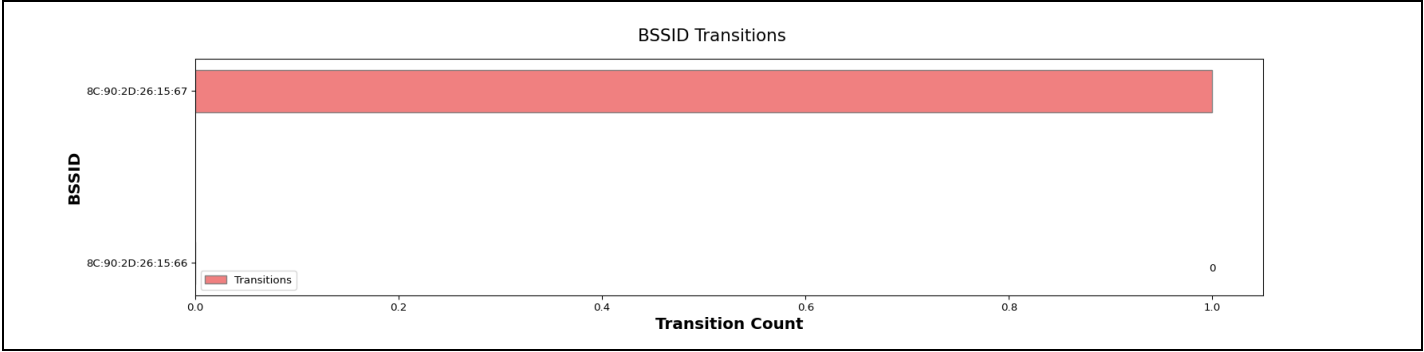## Successful URL's per Device

Time Taken Vs Device For Completing 10 RealTime URLs

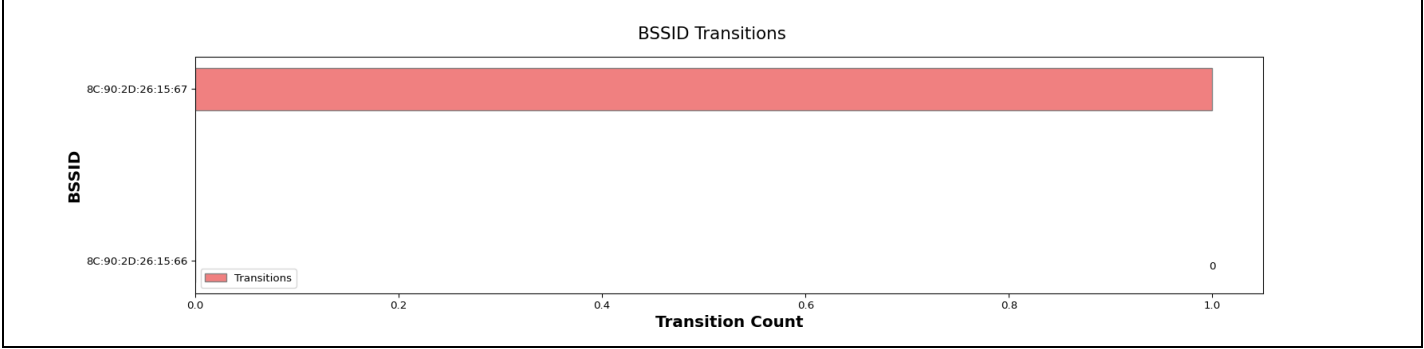Band Steering – BSSID Transition Analysis

BSSID Change Count – ONEPLUS_11R

Band Steering Results for ONEPLUS_11R

BSSID	Timestamp	From Coordinate	To Coordinate	Channel
8C:90:2D:26:15:67	2026-02-20 01:29:56	10	6	56

BSSID Change Count – Red_Magic

Band Steering Results for Red_Magic

BSSID	Timestamp	From Coordinate	To Coordinate	Channel
8C:90:2D:26:15:67	2026-02-20 01:29:56	10	6	56

Robot Charging Timestamps

Robot did not go to charge during this test

Final Test Results

Device Type	Hostname	SSID	MAC	Channel	UC-MIN (ms)	UC-MAX (ms)	UC-AVG (ms)	Total Successful URLs	Expected URLS	Total Erros	RSSI	Link Speed	Status
Android	ONEPLUS_11R	Roaming	30:bb:7d:c7:f2:f9	56	0.391	0.763	0.475892	28	5	0	-58	1441 Mbps	PASS
Android	Red_Magic	Roaming	dc:f0:90:ed:e0:53	56	0.351	0.958	0.480703	27	5	0	-66	432 Mbps	PASS