

Video Streaming Test

Test starttime:19/07 03:27:35 PM

Test Endtime:19/07 03:39:35 PM

Objective

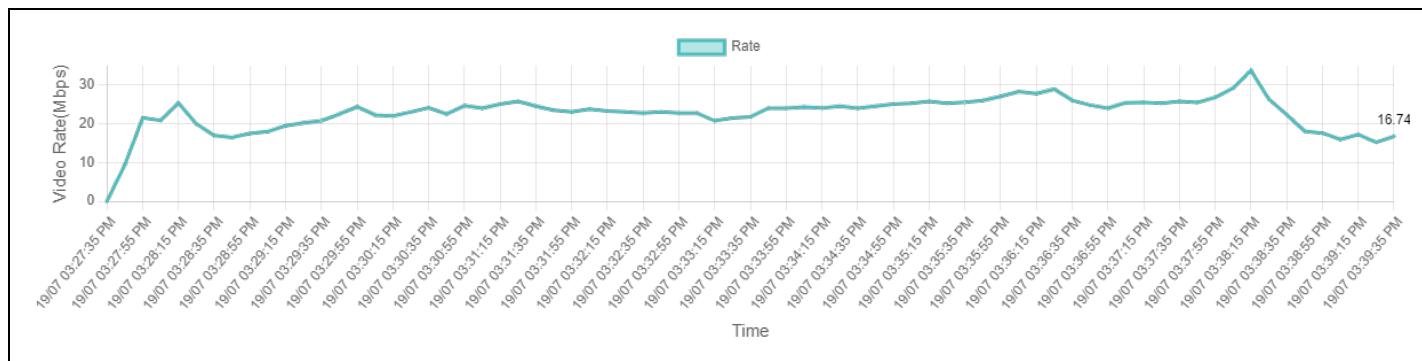
The Candela Web browser test is designed to measure the Access Point performance and stability by browsing multiple websites in real clients like android, Linux, windows, and IOS which are connected to the access point. This test allows the user to choose the options like website link, the number of times the page has to browse, and the Time taken to browse the page. Along with the performance other measurements made 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 several stations (within the limitations of the AP specs) and make sure all clients can browse the page.

Input Parameters

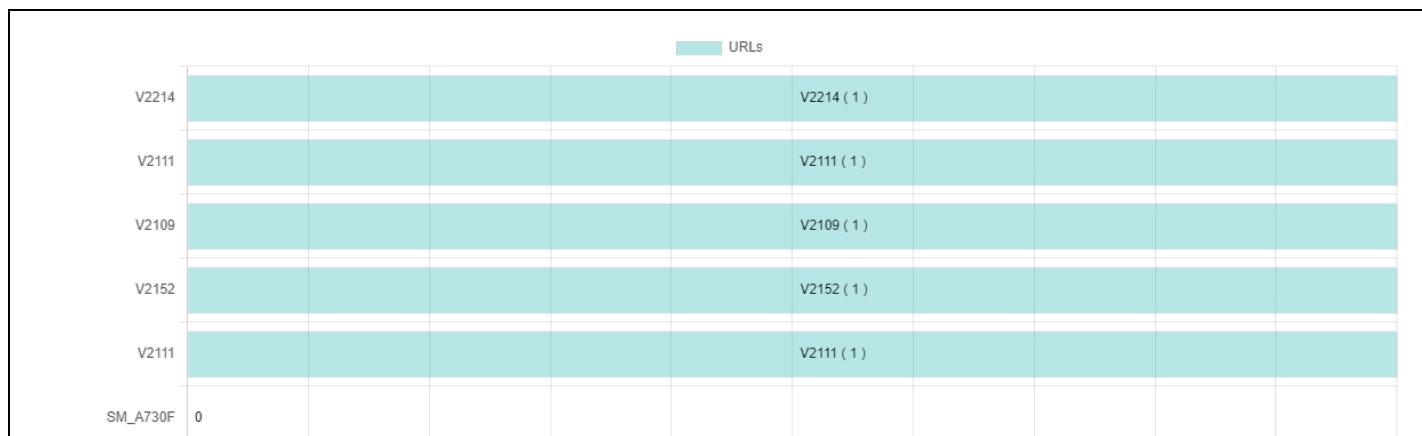
The below tables provides the input parameters for the test.

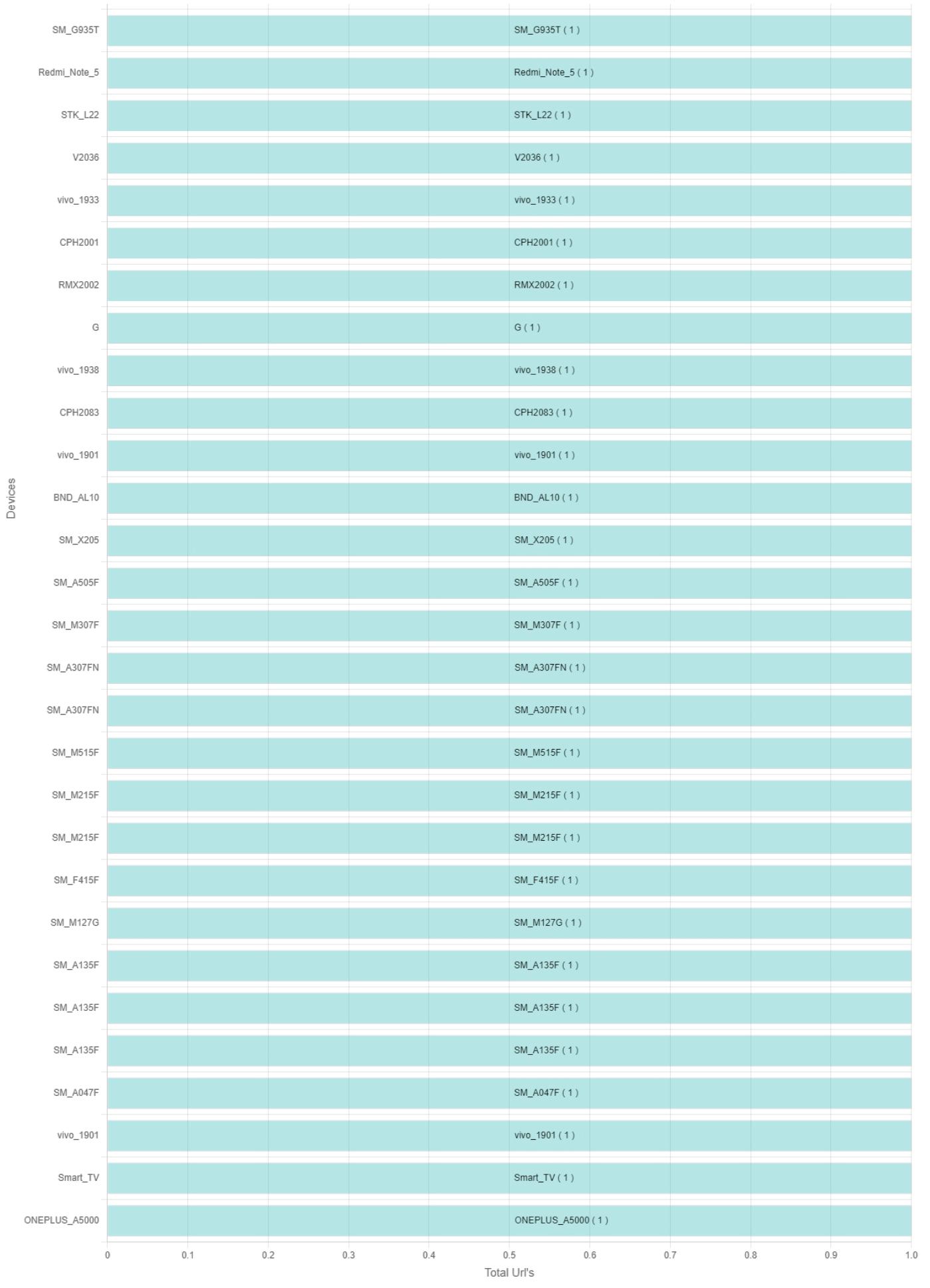
Testname	test_video_35
Device List	V2214(Android),V2111(Android),V2109(Android),V2152(Android),V2111(Android),SM_A730F(Android),SM_G935T(Android),Redmi_Note_5(Android),STK_L22(Android),V2036(Android),vivo_1933(Android),CPH2001(Android),RMX2002(Android),G(Android),vivo_1938(Android),CPH2083(Android),vivo_1901(Android),BND_AL10(Android),SM_X205(Android),SM_A505F(Android),SM_M307F(Android),SM_A307FN(Android),SM_A307FN(Android),SM_M515F(Android),SM_M215F(Android),SM_M215F(Android),SM_F415F(Android),SM_M127G(Android),SM_A135F(Android),SM_A135F(Android),SM_A135F(Android),SM_A047F(Android),vivo_1901(Android),Smart_TV(Android),ONEPLUS_A5000(Android)
No of Devices	Total(35): Android(35)
URL	https://dash.akamaized.net/akamai/bbb_30fps/bbb_30fps.mpd
Increment	no increment
Duration(min)	12
Media source	Dash
Media Quality	4K
URL Rate	100

Realtime Video Rate



Total Url's Per Device





Max/Min Video Rate Per Device

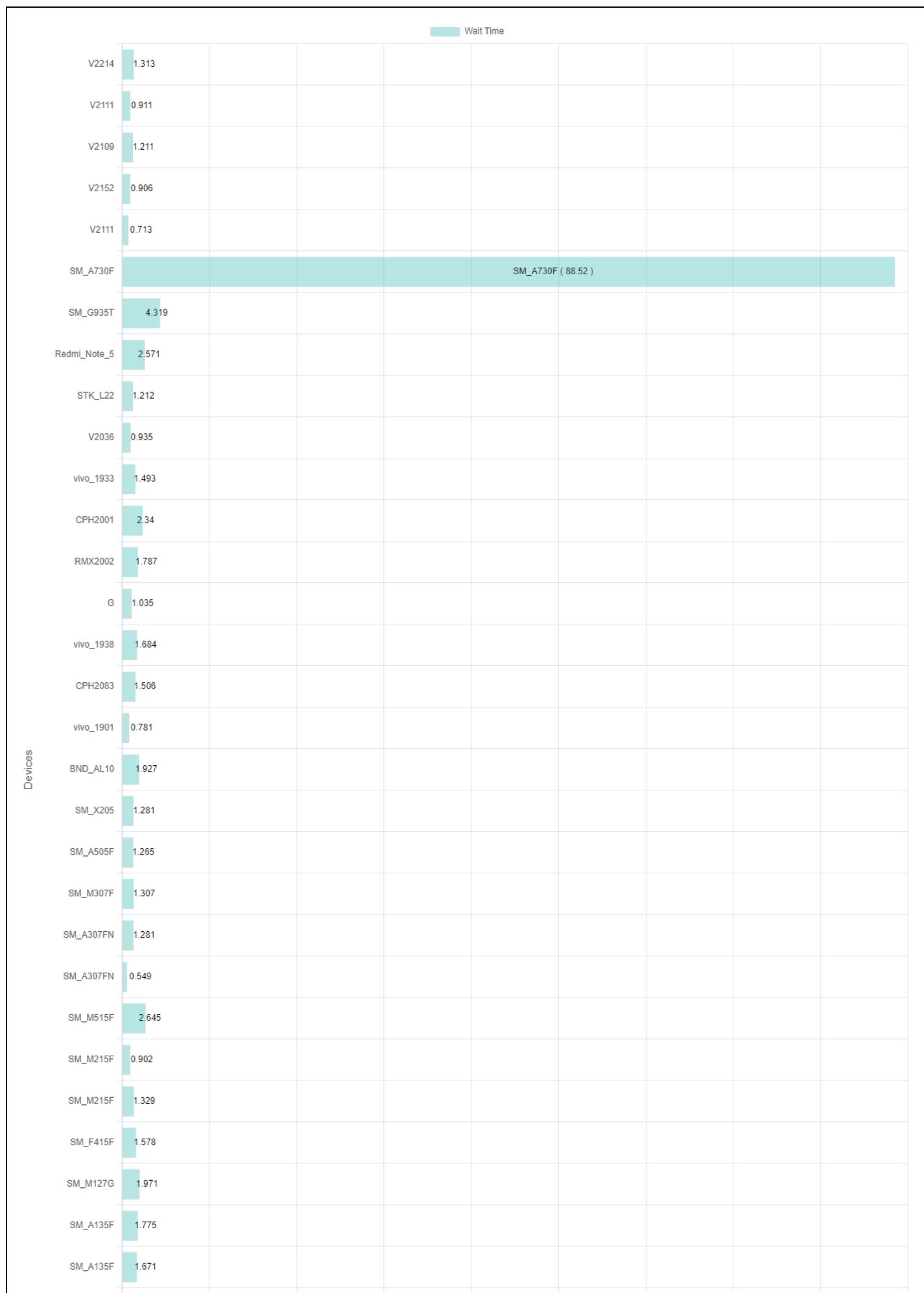


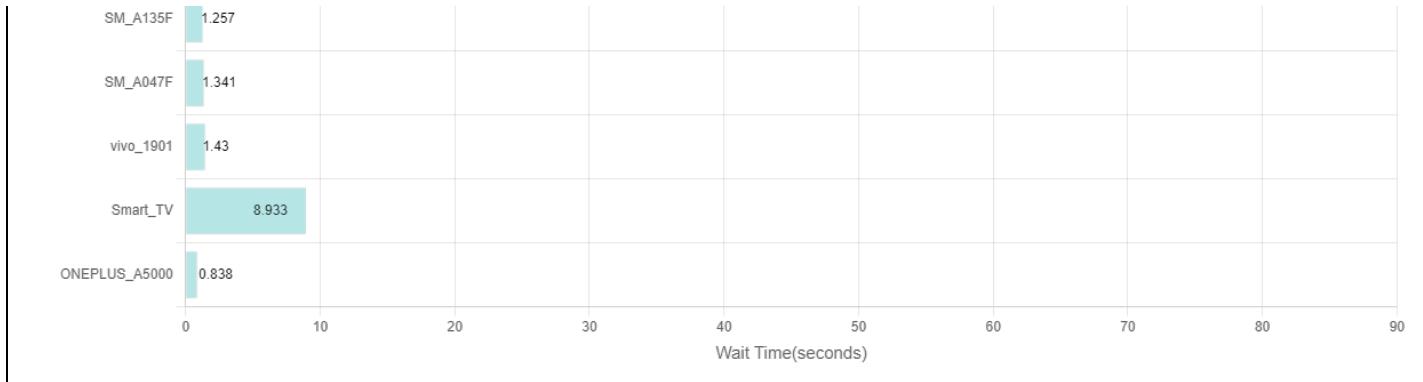


0 0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0 4.5 5.0

Max/Min Video Rate(Mbps)

Wait Time Per Device





Detailed Result Table

The below tables provides detailed information for the Video Streaming test.

Device Type	Username	SSID	MAC	Channel	Mode	Buffers	Wait-Time(Sec)	Total URLs	Failed URLs	Min Video Rate(Mbps)	Avg Video Rate(Mbps)	Max Video Rate(Mbps)	RSSI	Link Speed
Android	V2214	test_5G	62:88:b8:00:c3:5e	36	802.11abgn-AC 80	2	1.313	1	0	0.25	0.62	1.88	-30 dBm	390 Mbps
Android	V2111	test_5G	3e:35:88:12:c7:33	36	802.11abgn-AC 80	2	0.911	1	0	0.25	0.66	1.25	-34 dBm	390 Mbps
Android	V2109	test_5G	02:00:00:00:00:00	36	802.11abgn-AC 80	2	1.211	1	0	0.25	0.7	1.88	-33 dBm	390 Mbps
Android	V2152	test_5G	02:00:00:00:00:00	36	802.11abgn-AC 80	2	0.906	1	0	0.25	0.66	4.95	-33 dBm	390 Mbps
Android	V2111	test_5G	46:6f:d6:87:d4:d9	36	802.11abgn-AC 80	2	0.713	1	0	0.25	0.69	1.88	-36 dBm	390 Mbps
Android	SM_A730F	test_2G	70:5a:ac:72:63:37	6	AUTO 20	13	88.52	0	0	0.25	0.34	1.88	-19 dBm	
Android	SM_G935T	test_5G	60:f1:89:84:48:b5	36	AUTO 20	3	4.319	1	0	0.25	0.74	1.88	-40 dBm	
Android	Redmi_Note_5	test_2G	d8:32:e3:50:83:5a	6	AUTO 20	3	2.571	1	0	0.25	0.53	1.25	-24 dBm	
Android	STK_L22	test_2G	ac:bd:70:e2:e3:17	6	AUTO 20	2	1.212	1	0	0.25	1.08	3.13	-18 dBm	72 Mbps
Android	V2036	test_5G	02:00:00:00:00:00	36	802.11abgn-AC 80	2	0.935	1	0	0.25	0.48	1.01	-40 dBm	433 Mbps
Android	vivo_1933	test_5G	7e:b5:26:2d:4e:36	36	802.11abgn-AC 80	4	1.493	1	0	0.25	0.67	0.76	-39 dBm	433 Mbps
Android	CPH2001	test_5G	42:5b:55:cc:28:97	36	802.11abgn-AC 80	2	2.34	1	0	0.25	0.6	1.88	-31 dBm	433 Mbps
Android	RMX2002	test_2G	52:63:82:f6:77:ec	6	802.11abgn 20	3	1.787	1	0	0.25	0.37	1.88	-21 dBm	96 Mbps
Android	G	test_2G	d8:6c:02:b3:fa:98	6	AUTO 20	2	1.035	1	0	0.25	0.52	0.76	-22 dBm	
Android	vivo_1938	test_5G	1a:d3:a0:a7:2f:15	36	802.11abgn-AC 80	2	1.684	1	0	0	0.66	1.01	-50 dBm	390 Mbps
Android	CPH2083	test_5G	b0:b5:c3:5d:2a:3f	36	AUTO 20	2	1.506	1	0	0.25	0.82	3.13	-41 dBm	
Android	vivo_1901	test_5G	62:59:4a:22:d2:2e	36	802.11abgn-AC 80	2	0.781	1	0	0.25	0.54	1.25	-43 dBm	390 Mbps
Android	BND_AL10	test_2G	bc:3d:85:52:24:5e	6	AUTO 20	2	1.927	1	0	0.25	1.1	1.25	-27 dBm	
Android	SM_X205	test_5G	24:c6:13:99:92:3d	36	802.11abgn-AC 80	2	1.281	1	0	0.25	0.59	1.25	-33 dBm	433 Mbps
Android	SM_A505F	test_5G	ca:48:29:55:b5:d4	36	802.11abgn-AC 80	2	1.265	1	0	0.25	0.71	1.25	-37 dBm	433 Mbps
Android	SM_M307F	test_5G	36:98:78:7c:d7:dc	36	802.11abgn-AC 80	3	1.307	1	0	0.25	0.72	4.95	-31 dBm	433 Mbps
Android	SM_A307FN	test_5G	86:a3:c7:19:82:d5	36	802.11abgn-AC 80	2	1.281	1	0	0.25	0.67	1.88	-33 dBm	433 Mbps

Android	SM_A307FN	test_5G	fe:70:2b:0f:50:67	36	AUTO 20	2	0.549	1	0	0.25	0.68	1.88	-36 dBm	433 Mbps
Android	SM_M515F	test_2G	d4:8a:39:15:9e:b6	6	802.11abgn 20	2	2.645	1	0	0.25	0.39	0.76	-28 dBm	96 Mbps
Android	SM_M215F	test_5G	6a:76:fa:dd:b7:04	36	802.11abgn-AC 80	2	0.902	1	0	0.25	0.7	1.25	-35 dBm	433 Mbps
Android	SM_M215F	test_5G	98:b8:bc:39:b6:81	36	802.11abgn-AC 80	3	1.329	1	0	0.25	0.66	0.76	-33 dBm	433 Mbps
Android	SM_F415F	test_5G	1a:7d:64:fc:80:05	36	802.11abgn-AC 80	2	1.578	1	0	0.25	0.73	1.88	-35 dBm	433 Mbps
Android	SM_M127G	test_2G	02:00:00:00:00:00	6	802.11abgn 20	3	1.971	1	0	0.25	0.48	0.76	-27 dBm	72 Mbps
Android	SM_A135F	test_5G	a4:c6:9a:f1:2b:a1	36	802.11abgn-AC 80	2	1.775	1	0	0.25	0.62	0.76	-34 dBm	433 Mbps
Android	SM_A135F	test_2G	f0:65:ae:91:ea:fe	6	802.11abgn 20	2	1.671	1	0	0.25	0.33	1.01	-21 dBm	72 Mbps
Android	SM_A135F	test_5G	5c:ed:f4:33:ec:35	36	802.11abgn-AC 80	2	1.257	1	0	0.25	0.66	1.01	-27 dBm	433 Mbps
Android	SM_A047F	test_5G	02:00:00:00:00:00	36	802.11abgn-AC 80	3	1.341	1	0	0.25	0.91	4.95	-31 dBm	433 Mbps
Android	vivo_1901	test_5G	92:92:cd:f1:b2:72	36	802.11abgn-AC 80	2	1.43	1	0	0.25	0.66	1.25	-35 dBm	390 Mbps
Android	Smart_TV	test_5G	38:c8:04:38:93:ea	36	802.11abg 20	4	8.933	1	0	0.25	0.71	1.88	-30 dBm	300 Mbps
Android	ONEPLUS_A5000	test_5G	4a:44:93:2f:3b:8b	36	AUTO 20	2	0.838	1	0	0.25	0.67	3.13	-38 dBm	866 Mbps

Error Details For Video Streaming Test

The below tables provides the error details for the Video Streaming test.

DEVICE	TOTAL ERRORS
V2214	0
V2111	0
V2109	0
V2152	0
V2111	0
SM_A730F	0
SM_G935T	0
Redmi_Note_5	0
STK_L22	0
V2036	0
vivo_1933	0
CPH2001	0
RMX2002	0
G	0
vivo_1938	0
CPH2083	0
vivo_1901	0
BND_AL10	0
SM_X205	0
SM_A505F	0
SM_M307F	0
SM_A307FN	0
SM_A307FN	0

SM_M515F	0
SM_M215F	0
SM_M215F	0
SM_F415F	0
SM_M127G	0
SM_A135F	0
SM_A135F	0
SM_A135F	0
SM_A047F	0
vivo_1901	0
Smart_TV	0
ONEPLUS_A5000	0

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