

# HTTP DOWNLOAD TEST

2023-12-15-11:59:37



## Test Setup Information

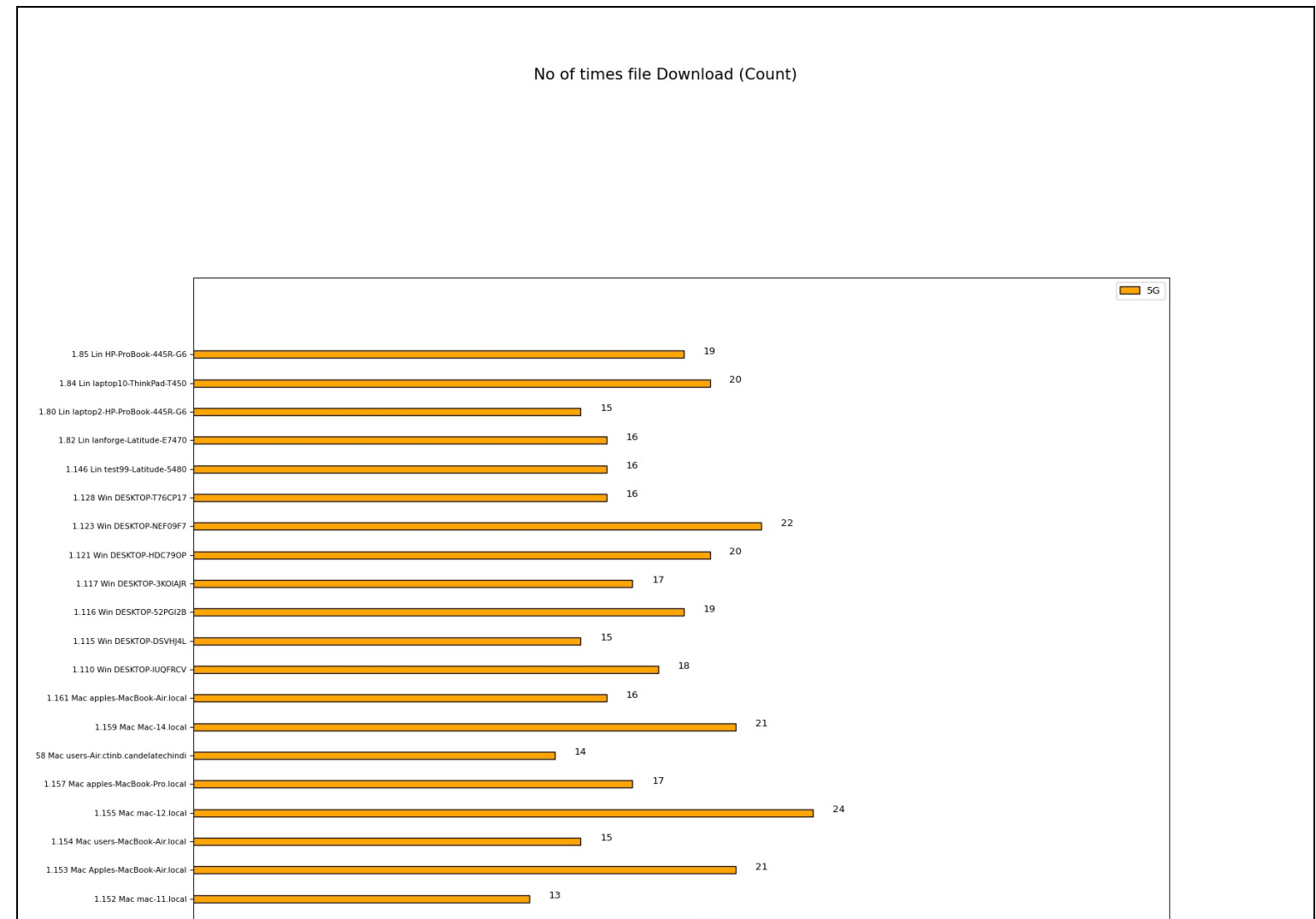
Test Setup Information	AP Name	Test DUT
	SSID	VINTRQP_wpa2
	Security	['wpa2']
	No of Devices	52
	File size	10MB
	File location	/usr/local/lanforge/nginx/html
	Traffic Direction	Download
	Traffic Duration	10.0m

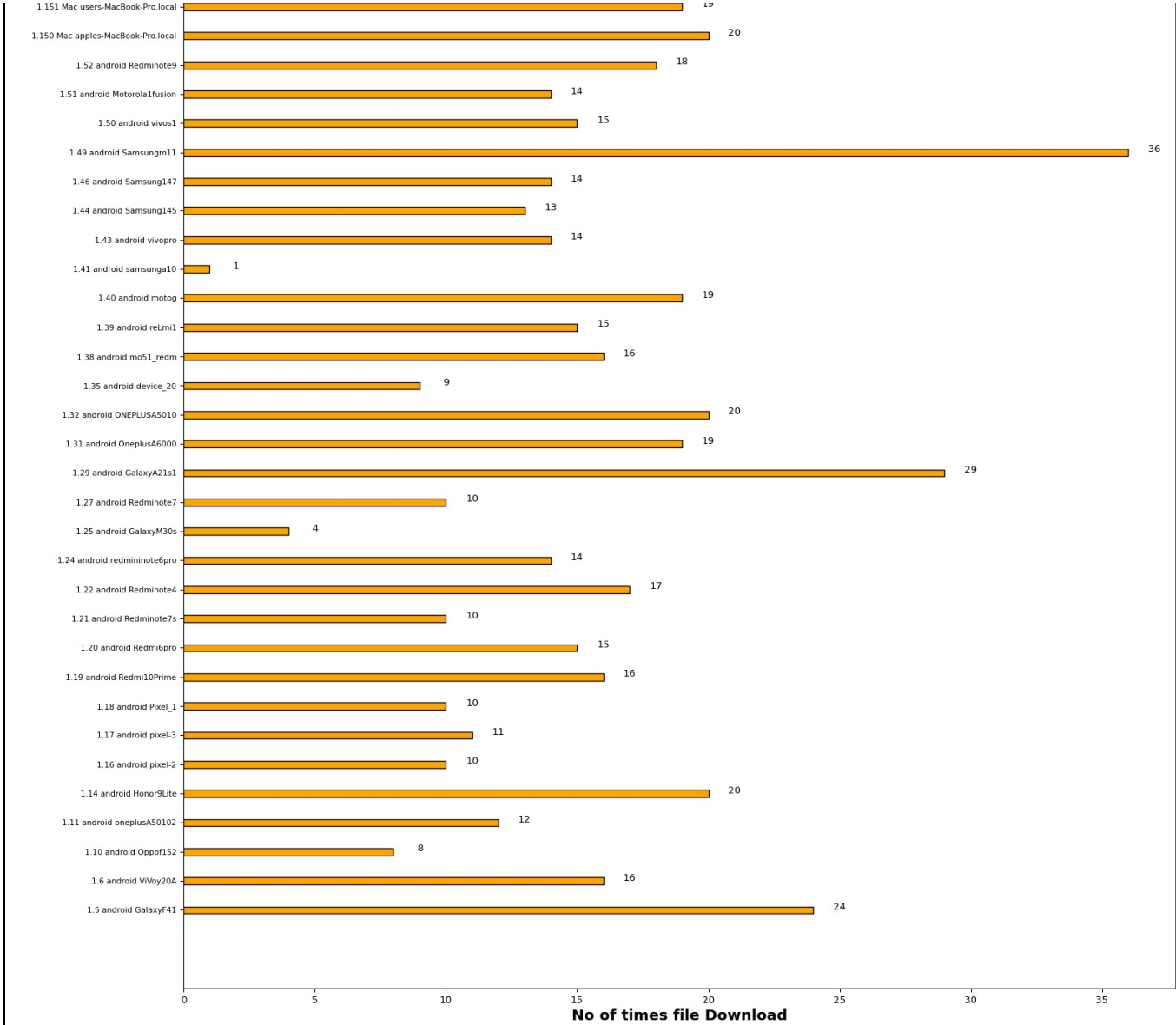
## Objective

The Webpage Download Test is designed to verify that N clients connected on specified band can download some amount of file from HTTP server and measures the time taken by the client to Download the file.

## No of times file Downloads

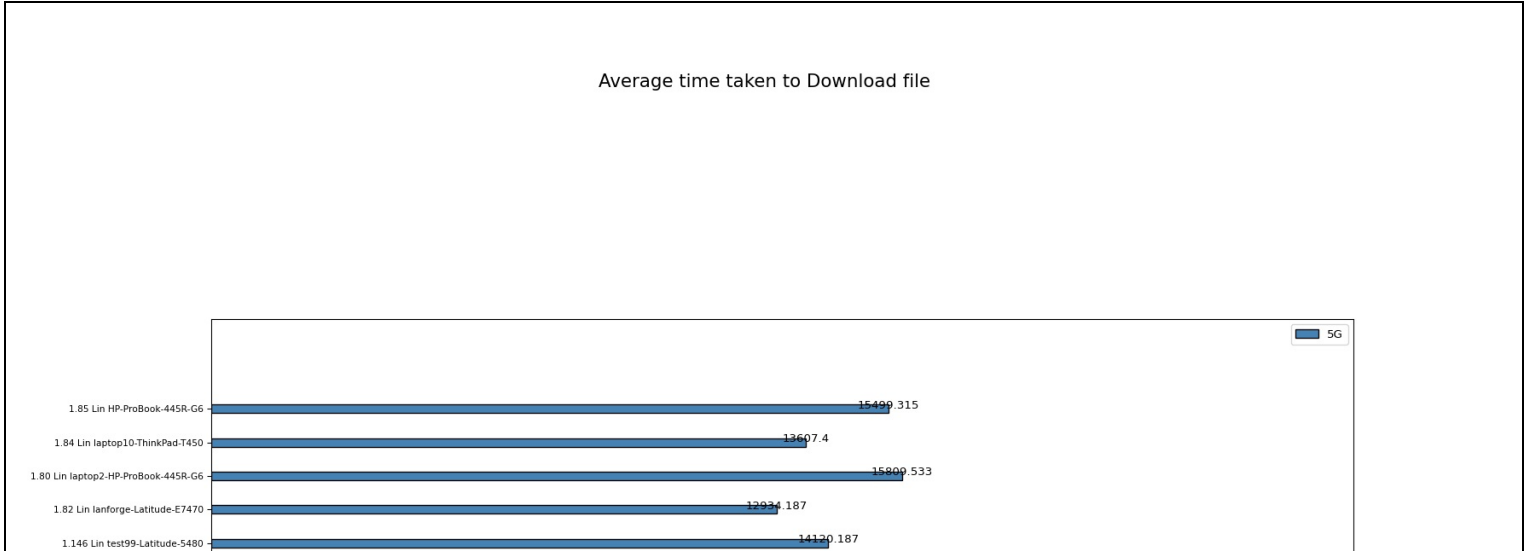
The below graph represents number of times a file downloads for each client. X- axis shows "No of times file downloads and Y-axis shows Client names.

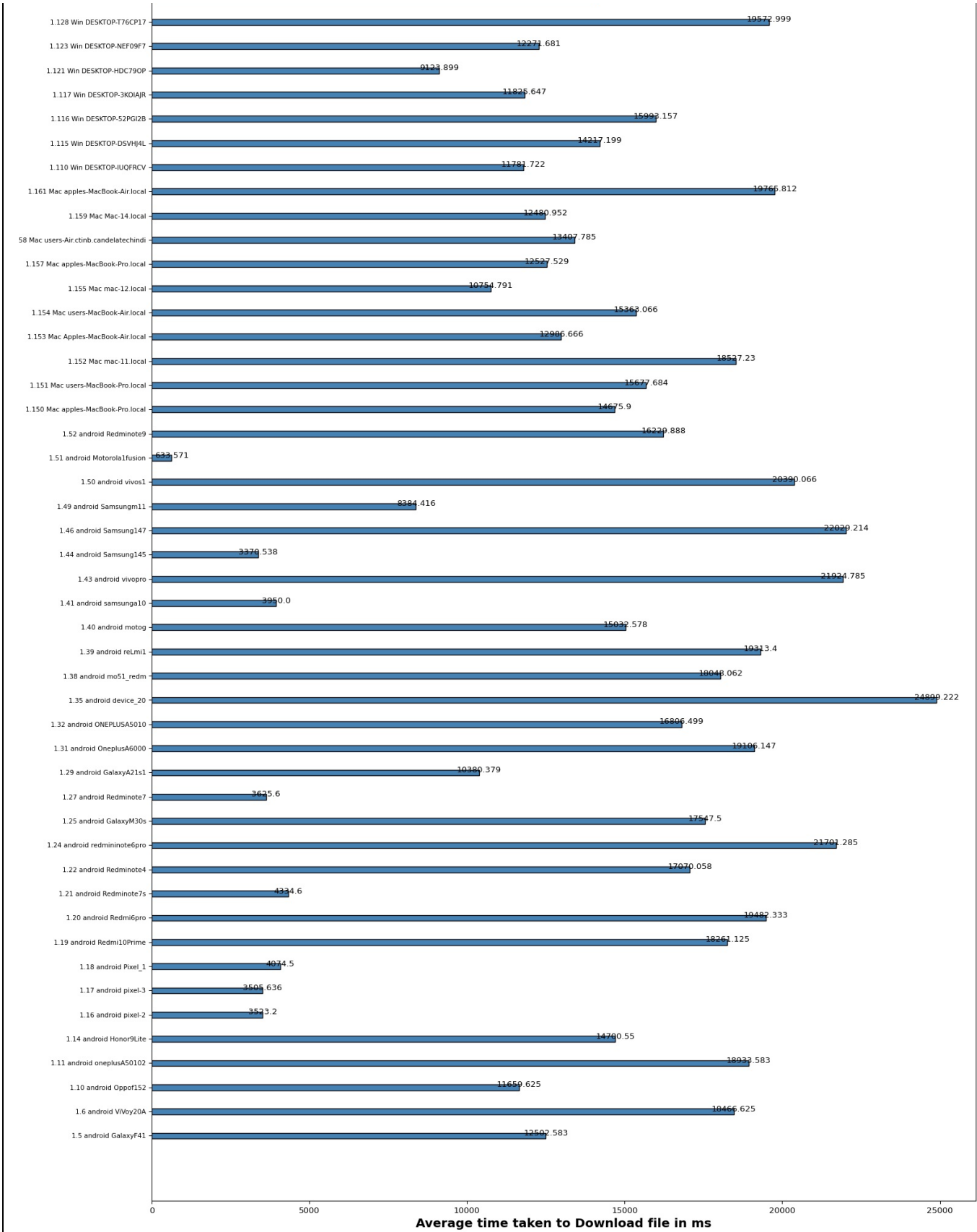




Average time taken to download file

The below graph represents average time taken to download for each client . X- axis shows “Average time taken to download a file ” and Y-axis shows Client names.





Download Time Table Description

This Table will provide you information of the minimum, maximum and the average time taken by clients to download a webpage in seconds

Band	Minimum	Maximum	Average
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5G	0.6	24.9	13.9
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Overall Results

Clients	MAC	Channel	Mode	No of times File downloaded	Average time taken to Download file (ms)
1.5 android GalaxyF41	e2:6f:8a:5a:62:cb	11	802.11abgn 20	24	12502.583
1.6 android ViVoy20A	d4:ec:ab:74:b8:dd	149	802.11abgn 40	16	18466.625
1.10 android Oppof152	6e:60:b6:99:18:8	11	802.11abgn 20	8	11659.625
1.11 android oneplusA50102	e6:d7:30:57:da:a3	149	AUTO 20	12	18933.583
1.14 android Honor9Lite	c4:9f:4c:fc:9b:f3	11	AUTO 20	20	14700.550
1.16 android pixel-2	02:00:00:00:00:00	149	802.11abgn-AC 40	10	3523.200
1.17 android pixel-3	02:00:00:00:00:00	149	802.11abgn-AC 40	11	3505.636
1.18 android Pixel_1	02:00:00:00:00:00	149	802.11abgn-AC 40	10	4074.500
1.19 android Redmi10Prime	62:f3:bf:1d:b1:93	149	802.11abgn-AC 40	16	18261.125
1.20 android Redmi6pro	:a6:0c:bd:3c:38	149	AUTO 20	15	19482.333
1.21 android Redminote7s	b4:c4:fc:9b:1f:38	149	AUTO 20	10	4334.600
1.22 android Redminote4	e4:46:da:16:78:5b	149	AUTO 20	17	17070.058
1.24 android redminote6pro	88:79:7e:bd:bc:f6	149	AUTO 20	14	21701.285
1.25 android GalaxyM30s	4e:57:a0:4c:93:0f	11	802.11abgn 20	4	17547.500
1.27 android Redminote7	0:34:fb:72:46:c5	149	AUTO 20	10	3625.600
1.29 android GalaxyA21s1	36:53:e6:90:72:5a	11	802.11abgn 20	29	10380.379
1.31 android OnePlusA6000	d6:e0:ba:45:ec:9e	149	802.11abgn-AC 40	19	19106.147
1.32 android ONEPLUSA5010	86:b9:f2:33:70:db	149	AUTO 20	20	16806.499
1.35 android device_20	c4:40:f6:ab:19:7	149	802.11abgn-AC 40	9	24899.222
1.38 android mo51_redm	dc:b7:2e:21:d7:fc	149	AUTO 20	16	18048.062
1.39 android reLmi1	7c:6b:9c:2a:d7:d	149	AUTO 20	15	19313.400
1.40 android motog	88:79:7e:72:7d:82	149	AUTO 20	19	15032.578
1.41 android samsunga10	32:a1:94:e9:69:25	11	802.11abgn 20	1	3950.000
1.43 android vivopro	26:19:c4:93:17:ce	149	802.11abgn-AC 40	14	21924.785
1.44 android Samsung145	ae:a9:eb:9e:78:c9	11	802.11abgn 20	13	3370.538
1.46 android Samsung147	ca:5e:d6:e7:82:3d	149	AUTO 20	14	22029.214
1.49 android Samsungm11	88:a3:03:da:a4:4a	11	802.11abgn 20	36	8384.416
1.50 android vivos1	26:5f:3e:90:a1:bc	149	802.11abgn-AC 40	15	20390.066
1.51 android Motorola1fusion	ea:96:a5:42:bd:b	149	802.11abgn-AC 40	14	633.571
1.52 android Redminote9	9c:28:f7:b4:4d:0	149	AUTO 20	18	16229.888
1.150 Mac apples-MacBook-Pro.local	98:01:a7:b6:7f:9	-1	802.11bgn-AC 80 2x2	20	14675.900
1.151 Mac users-MacBook-Pro.local	60:f8:1d:b6:71:70	149	802.11an-AC 80 2x2	19	15677.684
1.152 Mac mac-11.local	ac:bc:32:77:dc:99	149	802.11an-AC 80 2x2	13	18527.230
1.153 Mac Apples-MacBook-Air.local	64:76:ba:9e:71:08	149	802.11an-AC 80 2x2	21	12986.666

1.154 Mac users-MacBook-Air.local	8:bf:6b:d4:60:5a	149	AUTO 20 1x1	15	15363.066
1.155 Mac mac-12.local	84:38:35:55:58:3c	149	AUTO 20 1x1	24	10754.791
1.157 Mac apples-MacBook-Pro.local	ac:bc:32:8c:15:2d	149	AUTO 20 1x1	17	12527.529
1.158 Mac users-Air.ctinb.candelatechindi	c8:69:cd:9e:4f:6c	149	AUTO 20 1x1	14	13407.785
1.159 Mac Mac-14.local	a0:99:9b:1c:ff:6	149	AUTO 20 1x1	21	12480.952
1.161 Mac apples-MacBook-Air.local	94:f6:d6:1d:0f:12	149	AUTO 20 1x1	16	19765.812
1.110 Win DESKTOP-IUQFRCV	24:ee:9a:39:2e:6	149	AUTO 20 1x1	18	11781.722
1.115 Win DESKTOP-DSVHJ4L	34:f3:9a:eb:46:b4	-1	802.11bgn-AC 80 2x2	15	14217.199
1.116 Win DESKTOP-52PGI2B	28:cd:c4:ca:b5:a3	149	802.11abgn 20 3x3	19	15993.157
1.117 Win DESKTOP-3KIOAJR	f4:8c:50:e2:01:6	149	802.11abgn 20 3x3	17	11825.647
1.121 Win DESKTOP-HDC79OP	d8:12:65:4c:81:15	149	802.11abgn-AC 20	20	9123.899
1.123 Win DESKTOP-NEF09F7	d8:12:65:d2:27:ed	149	802.11abgn-AC 20 2x2	22	12271.681
1.128 Win DESKTOP-T76CP17	:cd:c4:9a:80:33	149	802.11abgn-AC 20 2x2	16	19572.999
1.146 Lin test99-Latitude-5480	00:24:d6:61:2c:f	149	802.11abgn-AC 20 2x2	16	14120.187
1.82 Lin lanforge-Latitude-E7470	f0:d5:bf:0f:23:	149	802.11abgn-AC 20 3x3	16	12934.187
1.80 Lin laptop2-HP-ProBook-445R-G6	28:cd:c4:e6:77:bb	149	802.11abgn-AC 20	15	15809.533
1.84 Lin laptop10-ThinkPad-T450	:45:20:4f:c9:50	149	802.11abgn-AC 20 3x3	20	13607.400
1.85 Lin HP-ProBook-445R-G6	d8:12:65:ab:4a:eb	149	802.11abgn-AC 20	19	15499.315