

✓

Data Connection

Connection

Connection type

Device interface

WIFI

WIFI

wlan0

✓

WiFi Network

Primary signal

SSID

BSSID

Technology

Supplicant state

Supplicant capabilities

Security

WIFI/dom_24/c0:06:c3:29:35:0f

dom_24

[c0:06:c3:29:35:0f](#)

WiFi 5/AC867

COMPLETED

[RSN-PSK-CCMP][ESS][WPS]

WPA2-Personal

✓

WiFi Spectrum

Beacon (channel width)

Beacon frequency

Beacon spectrum band

Beacon ch (in band)

Channel width

Highest encountered CCI/CCC (≥-69dBm)

Highest encountered ACI/OBSS (≥-69dBm)

Average channel utilization

5:48 (80MHz)

5240MHz

5GHz/U-NII-1

48

80MHz

1

0

0%

The graph displays signal strength (dBm) on the y-axis (from -100 to 0) against frequency channels on the x-axis (from 36 to 56). Two overlapping signals are shown: 'dom_24' (yellow) and 'TP-Link_29:35:0f' (orange). Both signals are present across channels 36, 40, 44, 48, and 52, with the strongest signal reaching approximately -43 dBm at channel 48.

Channel	Frequency (MHz)	dom_24 (dBm)	TP-Link_29:35:0f (dBm)
36	5180	-43	-43
40	5200	-43	-43
44	5220	-43	-43
48	5240	-43	-43
52	5260	-43	-43
56	5280	-43	-43

[Hidden Network]

c6:06:c3:29:35:0f

dom_24

TP-Link_:29:35:0f

5:48 (80)

AC867

5:48 (80)

AC867

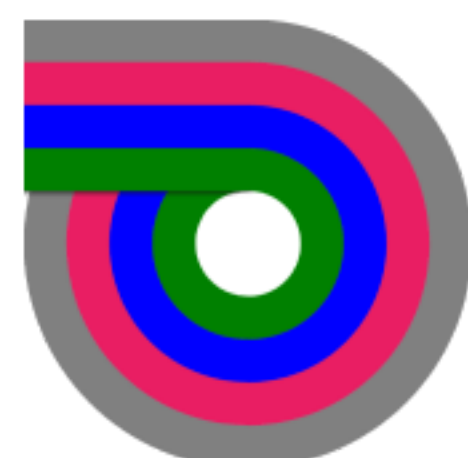
-43 dBm

≥6 Mbps

-47 dBm

≥6 Mbps

Note: use [WiFi Channels Report](#) to research all channels (and find the best channels for your needs with the least load, interfering and overlapping signals)



✓

WiFi Signal Quality

RSSI (Rx MCS/Tx MCS)

Average RSSI

Average Rx phy speed

Average Rx MCS Index

Average Tx phy speed

Average Tx MCS Index

-47dBm (9/9)

-47dBm

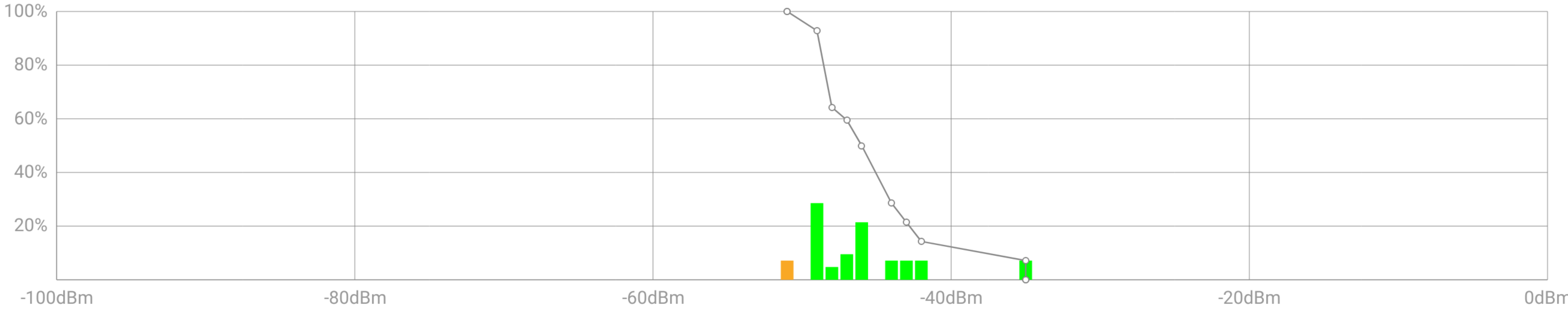
433,3Mbps

9 (256 QAM)

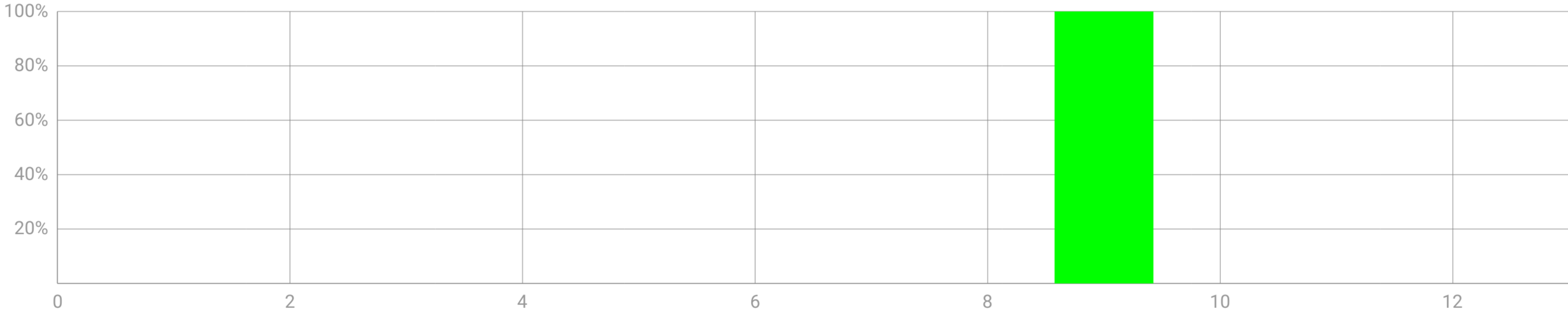
432,3Mbps

9 (256 QAM)

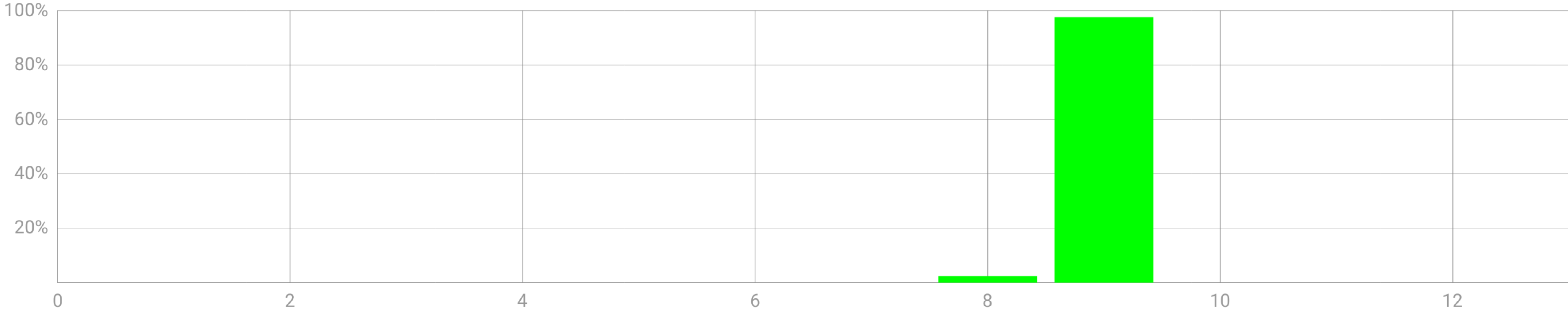
RSSI Distribution



Rx MCS Index Distribution



Tx MCS Index Distribution



✓

IP Connection

Device IPs

DHCP Server

Device IPs

Default IP Gateway

ALL ROUTES

Destination specific

Default

Destination specific

Default

[192.168.68.101, fe80::58e2:acff:fe98:c45a]

192.168.68.1

[192.168.68.101, fe80::58e2:acff:fe98:c45a]

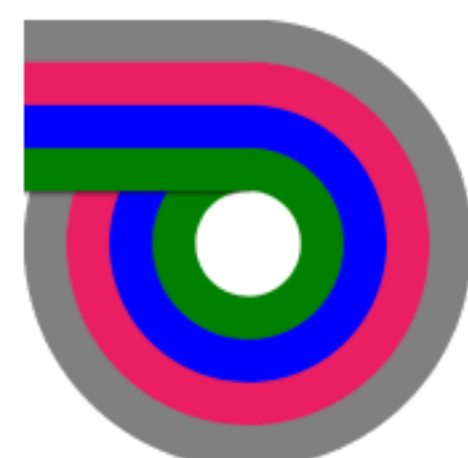
[192.168.68.1](#)

fe80::/64 → ::

::/0 → fe80::c206:c3ff:fe29:350c

192.168.68.0/24 → 0.0.0.0

0.0.0.0/0 → 192.168.68.1



✓

Ping RTT (gateway)

Min/median/jitter

1/2/1 ms

Target

192.168.68.1:ECHO

Sent

10

Received

10

Success

100%

Loss

0%

Min

1 ms

5th Percentile

1 ms

25th Percentile

1 ms

Mean (Average)

1.7 ms

Median

2 ms

75th Percentile

2 ms

95th Percentile

2 ms

Max

3 ms

Jitter

1 ms

0ms

0ms

1ms

1ms

2ms

2ms

2ms

100%

80%

60%

40%

20%

✓

DNS Name Query RTT (dhcp)

Min/median/jitter

3/4/1 ms

Target

78.31.136.10:DNS

Requests

10

Responses

10

Success

100%

Loss

0%

Min

3 ms

5th Percentile

3 ms

25th Percentile

3 ms

Median

4 ms

Mean (Average)

4.1 ms

75th Percentile

4 ms

95th Percentile

5 ms

Max

5 ms

Jitter

1 ms

0ms

1ms

2ms

3ms

4ms

5ms

5ms

100%

80%

60%

40%

20%

✓

Internet Connection

Public IP

ISP

79.124.107.1

AS44124 Rybnet Sp. z o.o. Sp. k./PL

Public IP

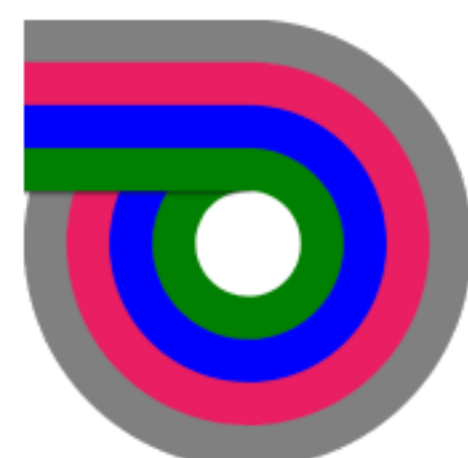
79.124.107.1

ISP

AS44124 Rybnet Sp. z o.o. Sp. k./PL

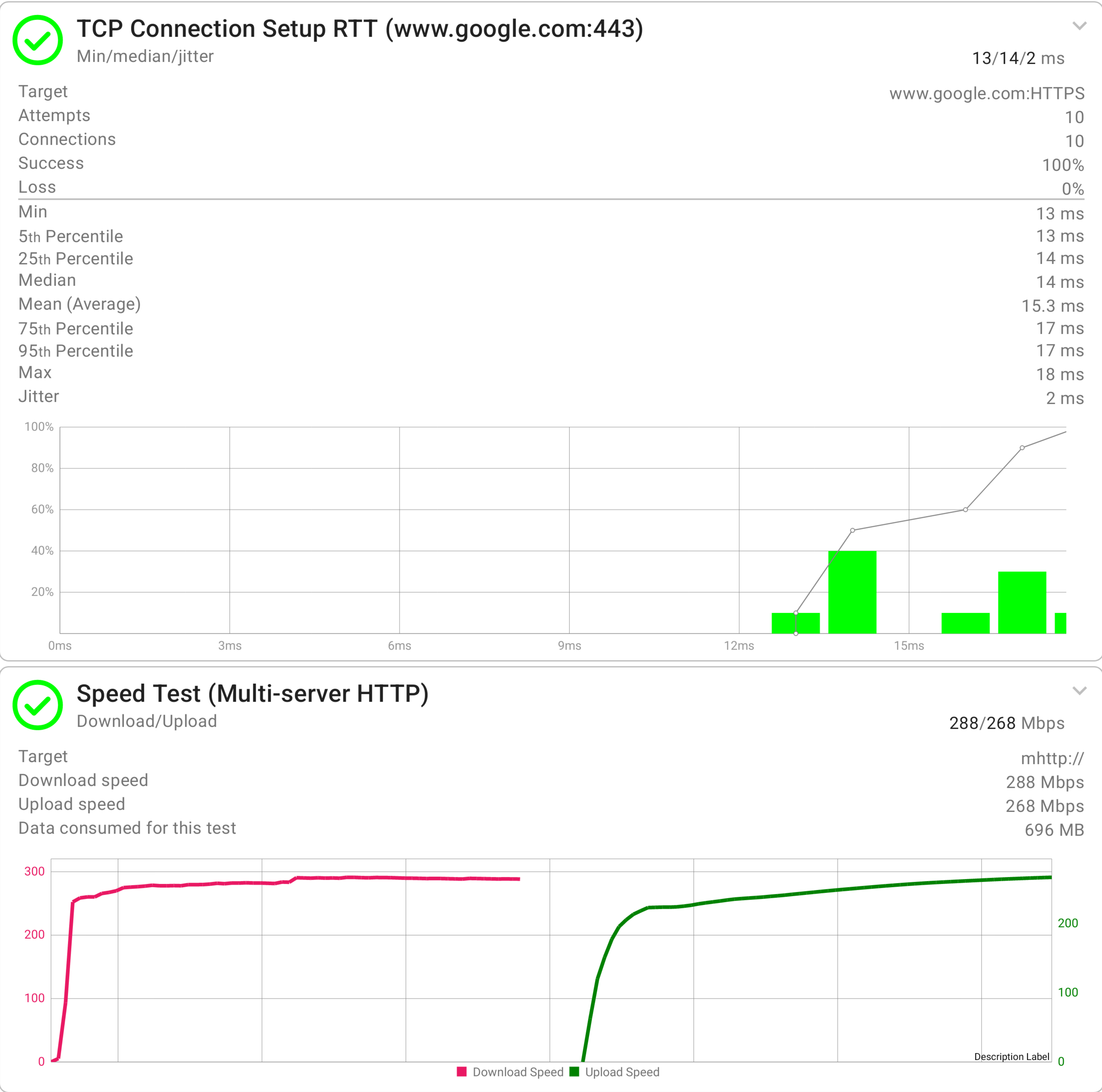
DNS Servers

79.124.106.1, 78.31.136.10



Basic WiFi 6/7 Connection Test

v0



✓

Speed Test (Multi-server HTTP)

Download/Upload

288/268 Mbps

mhttp://

Download speed288 Mbps

Upload speed268 Mbps

Data consumed for this test696 MB

Time (s)	Download Speed (Mbps)	Upload Speed (Mbps)
0	0	0
1	250	0
2	280	0
3	285	0
4	288	0
5	288	0
6	288	0
7	288	0
8	288	0
9	288	0
10	288	0
11	288	0
12	288	0
13	288	0
14	288	0
15	288	0
16	288	0
17	288	0
18	288	0
19	288	0
20	288	0
21	288	0
22	288	0
23	288	0
24	288	0
25	288	0
26	288	0
27	288	0
28	288	0
29	288	0
30	288	0
31	288	0
32	288	0
33	288	0
34	288	0
35	288	0
36	288	0
37	288	0
38	288	0
39	288	0
40	288	0
41	288	0
42	288	0
43	288	0
44	288	0
45	288	0
46	288	0
47	288	0
48	288	0
49	288	0
50	288	0
51	288	0
52	288	0
53	288	0
54	288	0
55	288	0
56	288	0
57	288	0
58	288	0
59	288	0
60	288	0
61	288	0
62	288	0
63	288	0
64	288	0
65	288	0
66	288	0
67	288	0
68	288	0
69	288	0
70	288	0
71	288	0
72	288	0
73	288	0
74	288	0
75	288	0
76	288	0
77	288	0
78	288	0
79	288	0
80	288	0
81	288	0
82	288	0
83	288	0
84	288	0
85	288	0
86	288	0
87	288	0
88	288	0
89	288	0
90	288	0
91	288	0
92	288	0
93	288	0
94	288	0
95	288	0
96	288	0
97	288	0
98	288	0
99	288	0
100	288	0

