

✓

Data Connection

Connection

Connection type

WiFi

Device interface

wlan0

✓

WiFi Network

Primary signal

SSID

dom_24

BSSID

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

Technology

WiFi 4/N300

Supplicant capabilities

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

Security

WPA2-Personal

✓

WiFi Spectrum

Beacon (channel width)

Beacon frequency

2427MHz

Beacon spectrum band

2.4GHz

Beacon ch (in band)

4

Channel width

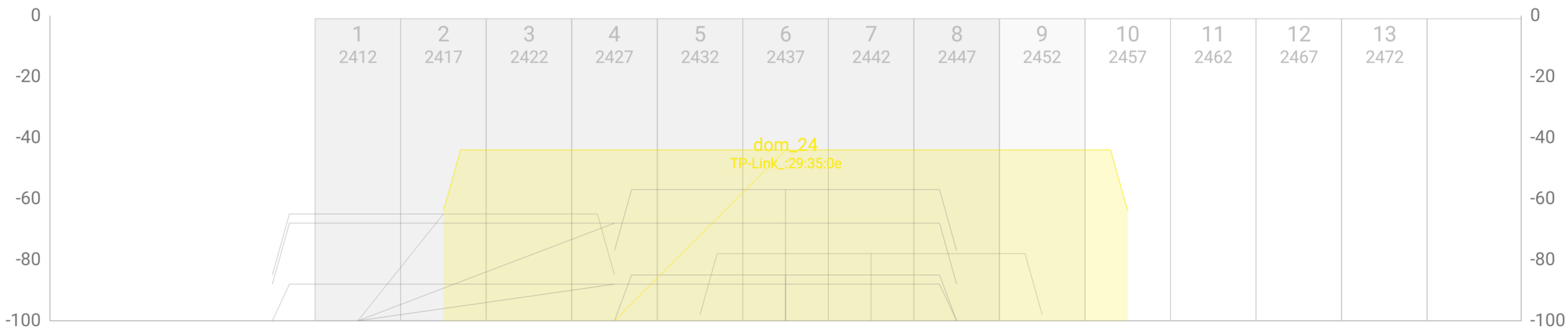
40MHz

Highest encountered CCI/CCC (≥-68dBm)

0

Average channel utilization

11%



✓

WiFi Signal Quality

RSSI (Rx MCS/Tx MCS)

Average RSSI

-49dBm

Average Rx phy speed

150,0Mbps

Average Rx MCS index

7 (64 QAM)

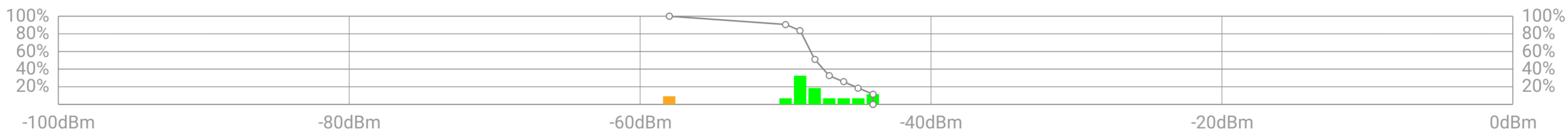
Average Tx phy speed

148,0Mbps


Average Tx MCS index

7 (64 QAM)

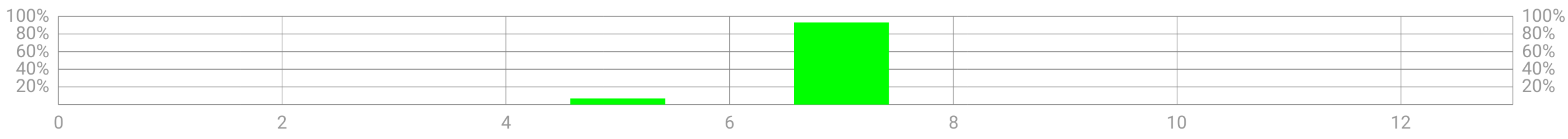
RSSI Distribution

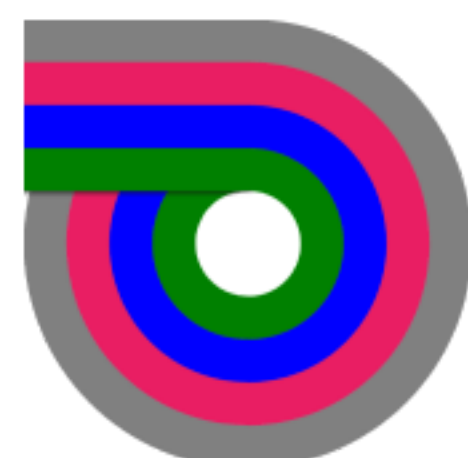


Rx MCS Index Distribution



Tx MCS Index Distribution





✓

IP Connection

▼

Device IPs

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

DHCP Server

192.168.68.1

Device IPs

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

Default IP Gateway

[192.168.68.1](#)

ALL ROUTES

Destination specific

fe80::/64 → ::

Default

::/0 → fe80::c206:c3ff:fe29:350c

Destination specific

192.168.68.0/24 → 0.0.0.0

Default

0.0.0.0/0 → 192.168.68.1

✓

Ping RTT (gateway)

▼

Min/median/jitter

2/3/3 ms

Target

192.168.68.1:ECHO

Sent

10

Received

10

Success

100%

Loss

0%

Min

2 ms

5th Percentile

2 ms

25th Percentile

2 ms

Median

3 ms

Mean (Average)

4.1 ms

75th Percentile

3 ms

95th Percentile


9 ms

Max

9 ms

Jitter

3 ms



✓

DNS Name Query RTT (dhcp)

▼

Min/median/jitter

3/5/14 ms

Target

78.31.136.10:DNS

Requests

10

Responses

10

Success

100%

Loss

0%

Min

3 ms

5th Percentile

3 ms

25th Percentile

4 ms

Median

5 ms

Mean (Average)

11.7 ms

75th Percentile

7 ms

95th Percentile


32 ms

Max

42 ms

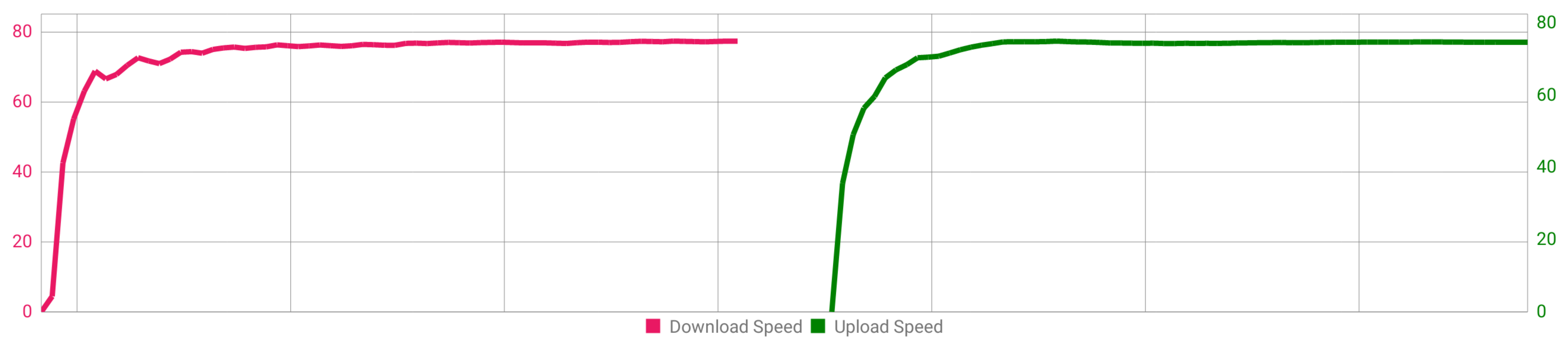
Jitter

14 ms



79.124.106.1, 78.31.136.10

186 MB



analiti Validator checklist

Basic WiFi 6/7 Connection Test

v0

Embedded attachments (use Adobe Acrobat to extract):

- analiti_validator_session_b06f2451-985a-71e2-0000-0190f4fb7eb0_1727269274345.pcapng

