

✓

Data Connection

Connection

WIFI

Connection typeWIFI

Device interfacewlan0

✓

WiFi Network

Primary signal

WIFI/IPC_24_Biuro/18:fd:74:db:b1:c9

SSIDIPC_24_Biuro

BSSID[18:fd:74:db:b1:c9](#)

AP18FD74DBB1C9

TechnologyWiFi 4/N300

Supplicant stateCOMPLETED

Supplicant capabilities[RSN-PSK-CCMP][WPA-PSK-CCMP][ESS][WPS]

SecurityWPA/WPA2-Personal

✓

WiFi Spectrum

Highest encountered ACI/OBSS

12417MHz

2.4GHz

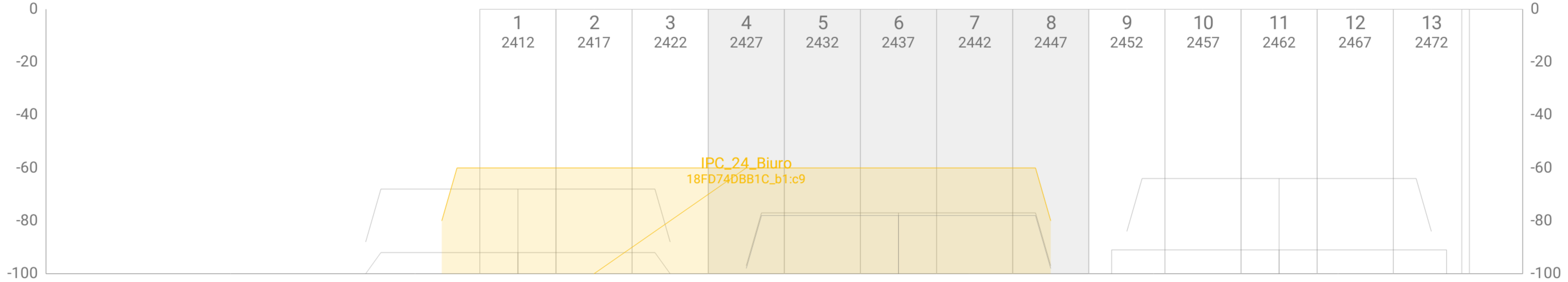
2

40MHz

0

1

0%



All Signals Overlapping the Analyzed Signal

IPC_24_Biuro	2.4:2 (40)	-60 dBm
18FD74DBB1C_b1:c9	N300	≥6 Mbps
1e614f82	2.4:1 (20)	-68 dBm
ZHUHAIEW_61:4f:82	N72	≥1 Mbps
[Hidden Network]	13.7 % 2.4:6 (20)	-77 dBm
1e:e8:29:6a:27:a7	N217	≥1 Mbps
AkselWiFi	11.0 % 2.4:6 (20)	-78 dBm
Ubiquiti_6a:27:a7	13 stas N217	≥1 Mbps

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





WiFi Signal Quality

Average RSSI

Average RSSI

Average Rx phy speed

Average Rx MCS Index

Average Tx phy speed

Average Tx MCS Index

-62dBm

-62dBm

112,7Mbps

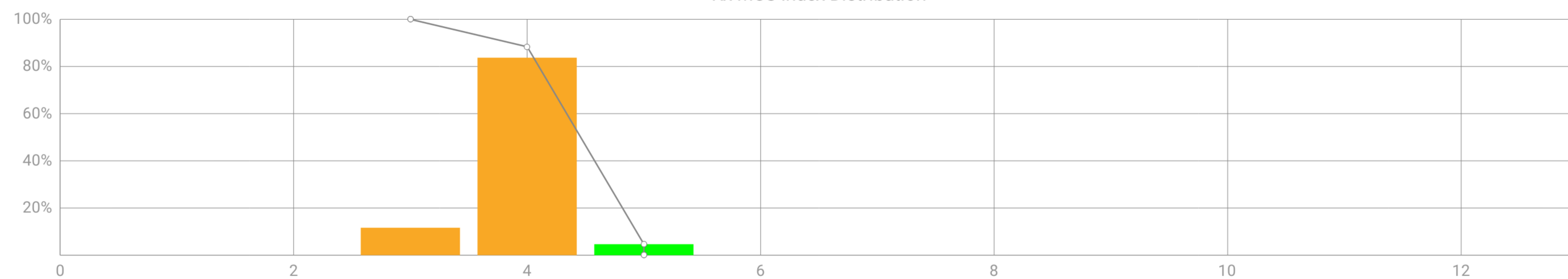
5 (16 QAM)

105,0Mbps

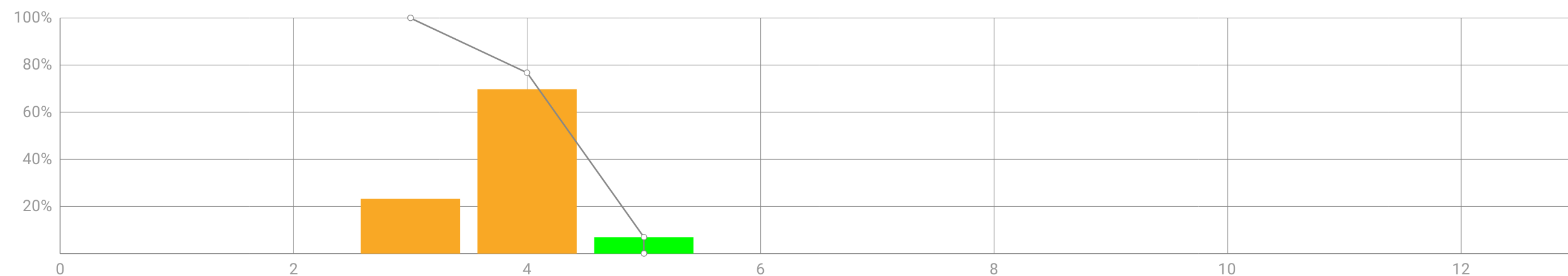
5 (16 QAM)

RSSI Distribution

Rx MCS Index Distribution



Tx MCS Index Distribution



IP Connection

Device IPs

```
[ 172.31.0.12, fe80::78d5:80ff:fed2:58b0 ]
```

DHCP Server

10.153.46.1

Device IPs

```
[ 172.31.0.12, fe80::78d5:80ff:fed2:58b0 ]
```

Default IP Gateway

172.31.1.1

ALL ROUTES

Destination specific

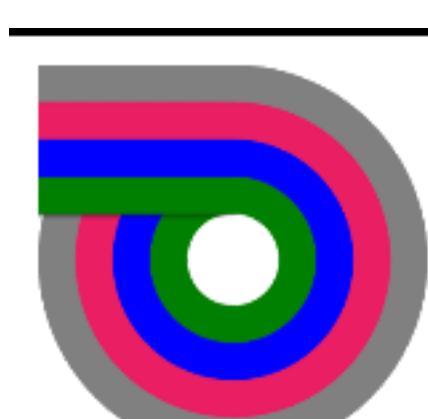
fe80::/64 → ::

Destination specific

172.31.0.0/22 → 0.0.0.0

Default

0.0.0.0/0 → 172.31.1.1



✓

Ping RTT (gateway)

Min/median/jitter

1/2/5 ms

Target172.31.1.1:ECHO
Sent10
Received10
Success100%
Loss0%
Min1 ms
5th Percentile1 ms
25th Percentile1 ms
Median2 ms
Mean (Average)4.1 ms
75th Percentile2 ms
95th Percentile5 ms
Max23 ms
Jitter5 ms

A histogram and CDF chart for Ping RTT. The x-axis represents RTT in milliseconds (0ms to 20ms), and the y-axis represents cumulative percentage (0% to 100%). The histogram shows a high concentration of values between 0ms and 4ms, with a few outliers up to 23ms. The CDF curve rises sharply from 0ms and plateaus near 100% by 8ms.

✓

DNS Name Query RTT (dhcp)

Min/median/jitter

3/7/7 ms

Target10.153.46.1:DNS
Requests10
Responses10
Success100%
Loss0%
Min3 ms
5th Percentile3 ms
25th Percentile4 ms
Median7 ms
Mean (Average)8.7 ms
75th Percentile8 ms
95th Percentile13 ms
Max23 ms
Jitter7 ms

A histogram and CDF chart for DNS Name Query RTT. The x-axis represents RTT in milliseconds (0ms to 20ms), and the y-axis represents cumulative percentage (0% to 100%). The histogram shows values primarily between 3ms and 13ms, with a few outliers up to 23ms. The CDF curve rises more gradually than the Ping RTT chart, reaching 100% around 13ms.

✓

Internet Connection

Public IP
ISP

91.203.248.16
AS47250 AKSEL sp. z o.o./PL 🇵🇱

Public IP91.203.248.16
ISPAS47250 AKSEL sp. z o.o./PL 🇵🇱
DNS Servers10.153.46.1, 188.117.188.117, 89.25.182.14



