

✓

Data Connection

▼

Connection

WIFI

Connection type

WIFI

Device interface

wlan0

✓

WiFi Network

▼

Primary signal

WIFI/IPC\_24\_Biuro/18:fd:74:db:b1:c9

Captive portal (detected by OS)

No

SSID

IPC\_24\_Biuro

BSSID

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

AP

18FD74DBB1C9

Technology

WiFi 4/N300

Supplicant state

CONNECTED

Supplicant capabilities

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

Security

WPA/WPA2-Personal

✓

WiFi Spectrum

▼

Highest encountered ACI/OBSS

1

Beacon frequency

2417MHz

Beacon spectrum band

2.4GHz

Beacon ch (in band)

2

Channel width

40MHz

Highest encountered CCI

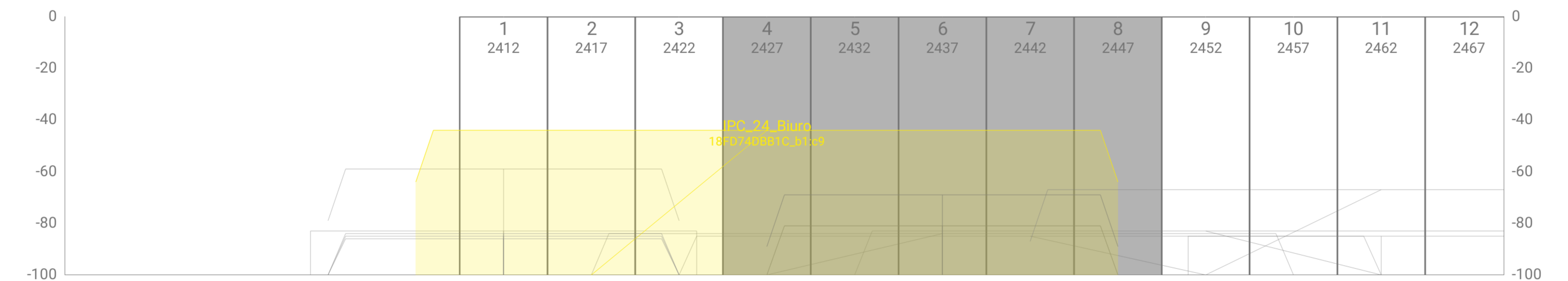
0

Highest encountered ACI/OBSS

1

Average BSS load

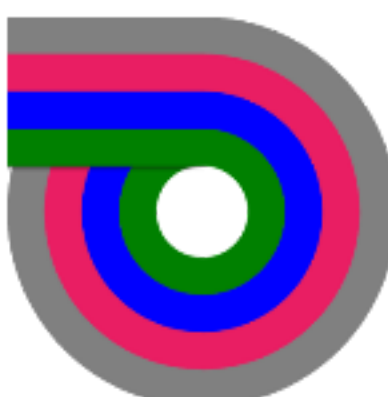
0%



All Signals Overlapping the Analyzed Signal

IPC_24_Biuro	2.4:2 (40)	-44 dBm
18FD74DBB1C_b1:c9	N300	≥6 Mbps
1e614f82	2.4:1 (20)	-59 dBm
ZHUHAIEW_61:4f:82	N72	≥1 Mbps
[Hidden Network]	0.0 %	2.4:9 (40) -67 dBm
TP-LinkC_f0:19:a6	N300	≥1 Mbps
AkselWiFi	9.0 %	2.4:6 (20) -69 dBm
Ubiquiti_6a:27:a7	12 stas	N217 ≥1 Mbps
[Hidden Network]	8.2 %	2.4:6 (20) -69 dBm
1e:e8:29:6a:27:a7	N217	≥1 Mbps
AkselWiFi	16.5 %	2.4:6 (20) -81 dBm
Ubiquiti_d7:6b:bc	14 stas	N217 ≥1 Mbps
[Hidden Network]	63.5 %	2.4:6 (20) -81 dBm
86:2a:a8:d7:6b:bc	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

▼

RSSI (MCS)

Average RSSI

Average phy speed

Average MCS Index

-43dBm (7)

-43dBm

150Mbps

7 (64 QAM)

RSSI Distribution

The chart shows the distribution of Received Signal Strength Indication (RSSI) values. The x-axis represents RSSI in dBm, ranging from -100 to 0. The y-axis represents the percentage of measurements, ranging from 0% to 100%. A single, very narrow and tall green bar is visible at -43dBm, reaching 100% on the y-axis. A line graph with circular markers follows the distribution, showing a steep decline from -43dBm to -40dBm.

MCS Index Distribution

The chart shows the distribution of Modulation and Coding Scheme (MCS) indices. The x-axis represents the MCS index, ranging from 0 to 12. The y-axis represents the percentage of measurements, ranging from 0% to 100%. A single, very tall green bar is visible at index 7, reaching 100% on the y-axis.

✓

IP Connection

▼

Device IPs

[ 172.31.0.11, fe80::f663:1fff:fea1:2ddd ]

DHCP Server

10.153.46.1

Device IPs

[ 172.31.0.11, fe80::f663:1fff:fea1:2ddd ]

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/iitter

1/1/28 ms

Target

172.31.1.1:ECHO

Sent

10

Received

10

Success

100%

Loss

0%

Min

1 ms

5th Percentile

1 ms

25th Percentile

1 ms

Median

1 ms

Mean (Average)

29.1 ms

75th Percentile

25 ms

95th Percentile

55 ms

Max

164 ms

Jitter

28 ms

The chart shows the distribution of Ping Round Trip Time (RTT) values. The x-axis represents RTT in milliseconds (ms), ranging from 0 to 150. The y-axis represents the percentage of measurements, ranging from 0% to 100%. A single, very tall green bar is visible at 1ms, reaching 100% on the y-axis. A line graph with circular markers follows the distribution, showing a steep decline from 1ms to 30ms.



✓

DNS Name Query RTT (dhcp)

▼

Min/median/jitter

2/4/3 ms

Target

10.153.46.1:DNS

Requests

10

Responses

10

Success

100%

Loss

0%

Min

2 ms

5th Percentile

2 ms

25th Percentile

3 ms

Median

4 ms

Mean (Average)

5.2 ms

75th Percentile

4 ms

95th Percentile

10 ms

Max

13 ms

Jitter

3 ms

RTT (ms)	Frequency (%)
2	10
3	30
4	30
5	10
10	10
13	10

✓

Internet Connection

▼

Public IP

91.203.248.16

ISP

AS47250 AKSEL sp. z o.o./PL

Public IP

91.203.248.16

ISP

AS47250 AKSEL sp. z o.o./PL

DNS Servers

10.153.46.1, 188.117.188.117, 89.25.182.14

✓

TCP Connection Setup RTT (www.google.com:443)

▼

Min/median/jitter

12/15/12 ms

Target

www.google.com:HTTPS

Attempts

10

Connections

10

Success

100%

Loss

0%

Min

12 ms

5th Percentile

12 ms

25th Percentile

12 ms

Median

15 ms

Mean (Average)

19.3 ms

75th Percentile

15 ms

95th Percentile

18 ms

Max

62 ms

Jitter

12 ms

RTT (ms)	Frequency (%)
12	30
13	30
14	10
15	30
16	10
17	10
62	10

