

✓

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

▼

Beacon (channel width)

2.4:2 (40MHz)

Beacon frequency

2417MHz

Beacon spectrum band

2.4GHz

Beacon ch (in band)

2

Channel width

40MHz

Highest encountered CCI

0

Highest encountered ACI/OBSS

0

Average BSS load

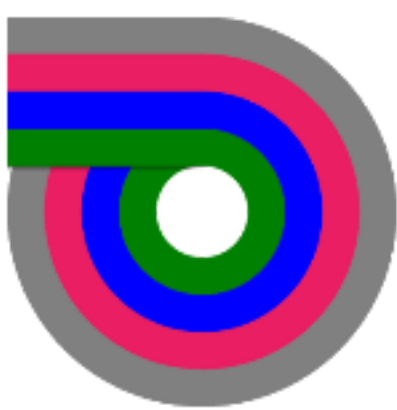
0%

Channel	Frequency (MHz)	Signal Strength (dBm)
1	2412	-41
2	2417	-41
3	2422	-41
4	2427	-41
5	2432	-41
6	2437	-41
7	2442	-41
8	2447	-41
9	2452	-41
10	2457	-41
11	2462	-41
12	2467	-41
13	2472	-41

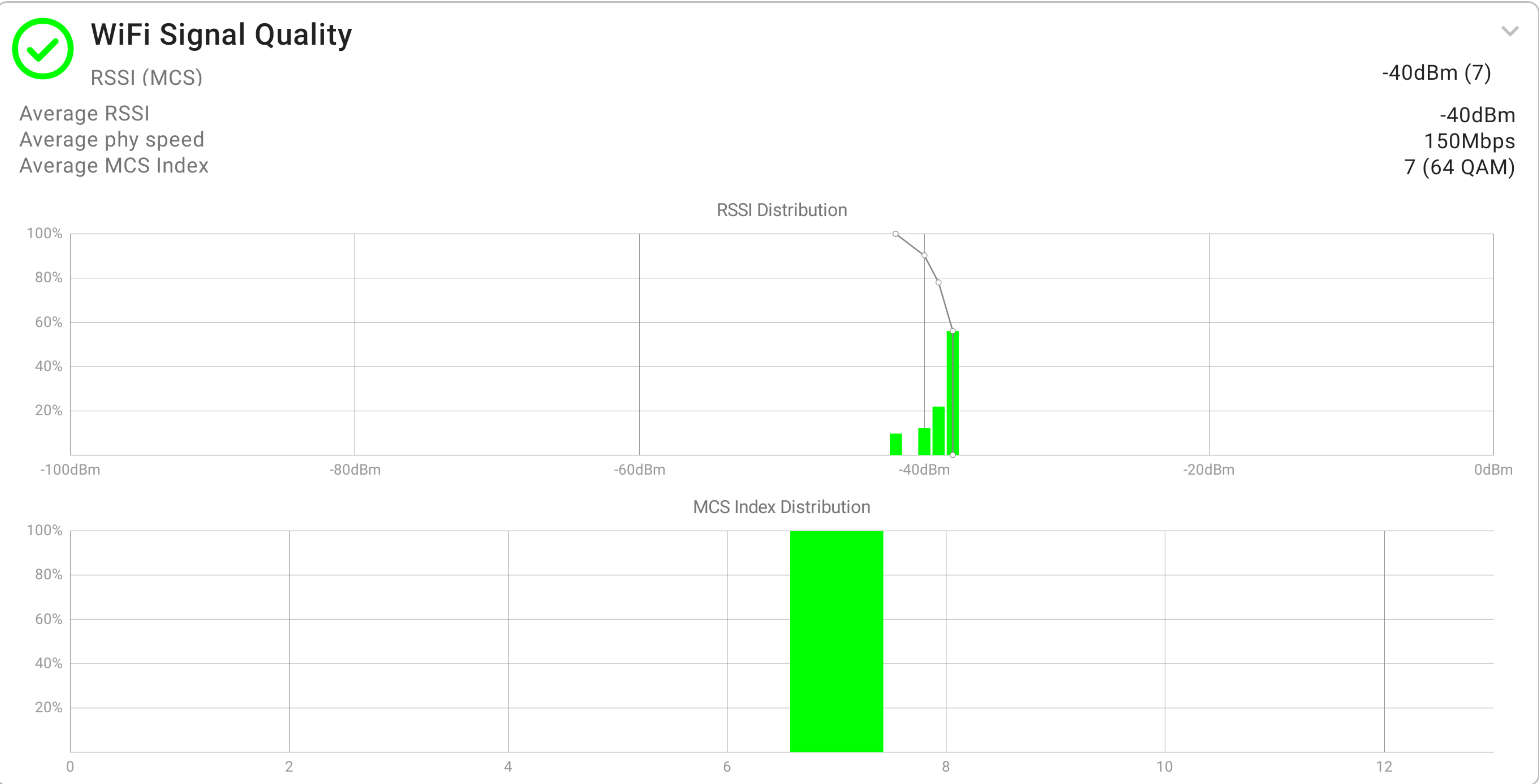
All Signals Overlapping the Analyzed Signal

IPC_24_Biuro	2.4:2 (40)	-41 dBm	
18FD74DBB1C_b1:c9	N300	≥6 Mbps	
[Hidden Network]	6.3 %	2.4:6 (20)	-70 dBm
1e:e8:29:6a:27:a7		N217	≥1 Mbps
AkselWiFi	9.4 %	2.4:6 (20)	-73 dBm
Ubiquiti_6a:27:a7	15 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)







✓

IP Connection

▼

Device IPs

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

DHCP Server

10.153.46.1

Device IPs

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

Default IP Gateway

[172.31.1.1](#)

ALL ROUTES

Destination specific

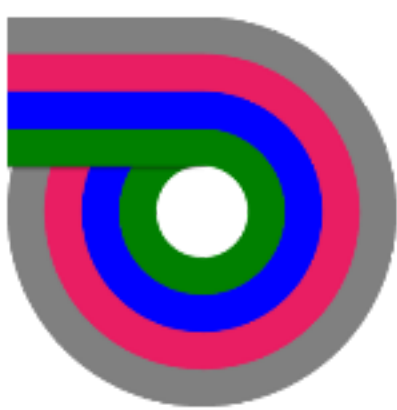
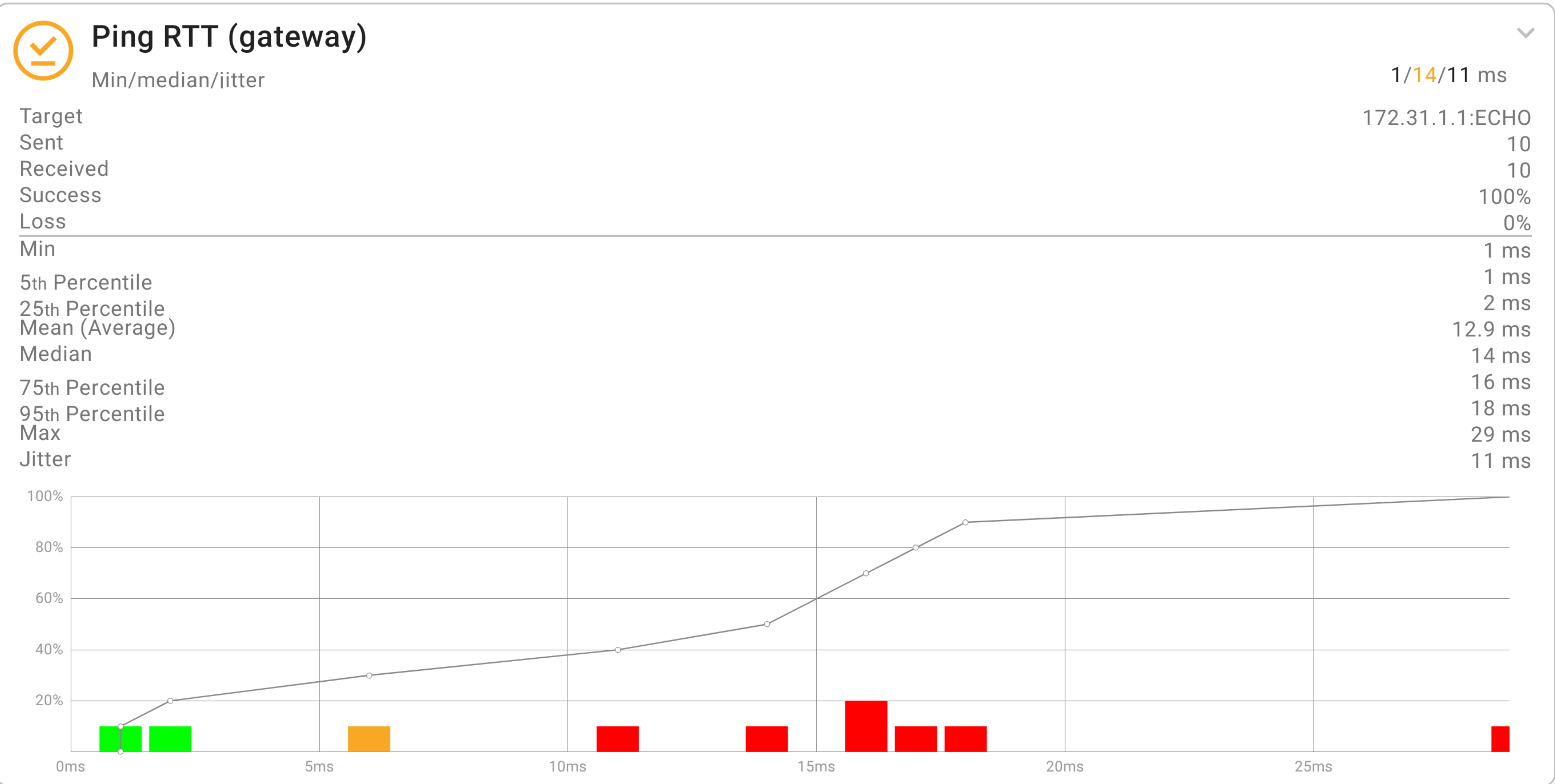
fe80::/64 → ::

Destination specific

172.31.0.0/22 → 0.0.0.0

Default

0.0.0.0/0 → 172.31.1.1





✓

DNS Name Query RTT (dhcp)

▼

Min/median/jitter2/3/56 ms

Target10.153.46.1:DNS

Requests10

Responses10

Success100%

Loss0%

Min2 ms

5th Percentile2 ms

25th Percentile2 ms

Median3 ms

Mean (Average)29.8 ms

75th Percentile13 ms

95th Percentile20 ms

Max235 ms

Jitter56 ms

The graph displays the cumulative distribution of DNS Name Query RTT (dhcp) results. The x-axis represents time in milliseconds (0ms to 200ms), and the y-axis represents the percentage of successful queries (0% to 100%). A line graph shows the cumulative distribution, starting at 0% at 0ms and reaching 100% at approximately 235ms. A bar chart below the line graph shows individual query results as vertical bars. Most results are green, indicating success, with a few red bars indicating loss. The jitter is 56 ms.

✓

Internet Connection

▼

Public IP91.203.248.16

ISPAS47250 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

✓

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

▼

Min/median/jitter10/11/20 ms

Targetwww.google.com:HTTPS

Attempts10

Connections9

Success90%

Loss10%

Min10 ms

5th Percentile10 ms

25th Percentile10 ms

Median11 ms

Mean (Average)34.7 ms

75th Percentile19 ms

95th Percentile88 ms

Max99 ms

Jitter20 ms

The graph displays the cumulative distribution of TCP Connection Setup RTT (www.google.com:443) results. The x-axis represents time in milliseconds (0ms to 80ms), and the y-axis represents the percentage of successful connections (0% to 100%). A line graph shows the cumulative distribution, starting at 0% at 0ms and reaching 100% at approximately 99ms. A bar chart below the line graph shows individual connection setup results as vertical bars. Most results are green, indicating success, with a few orange bars indicating loss. The jitter is 20 ms.

