

ACTIVE SOLUTIONS - FTTH - GPON

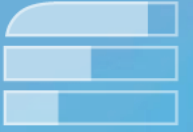


FIBRAIN 



DASAN Zhong
Solutions™

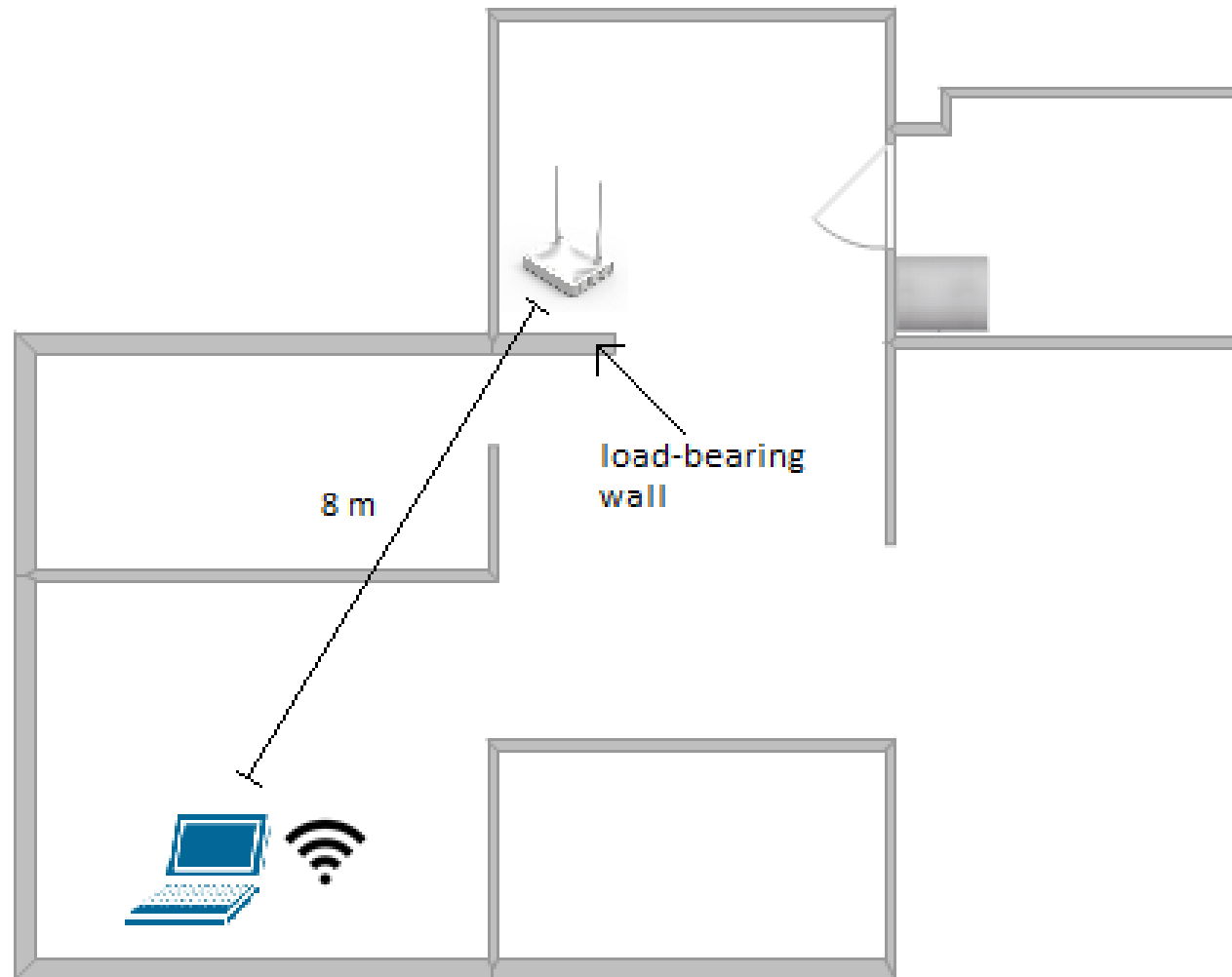
2017



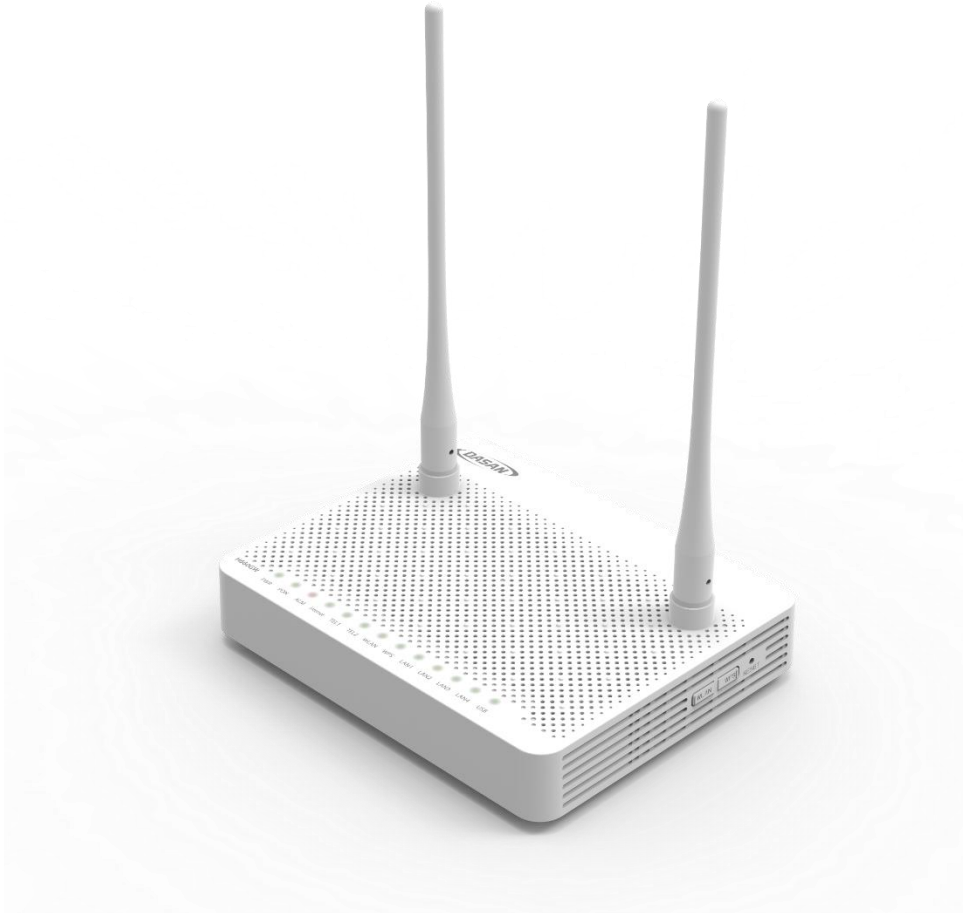
TESTY WYDAJNOŚCI NOWEGO ONT H660GW ŚRODOWISKO #2



ŚRODOWISKO #2



Testowane ONT i ustawienia klienta

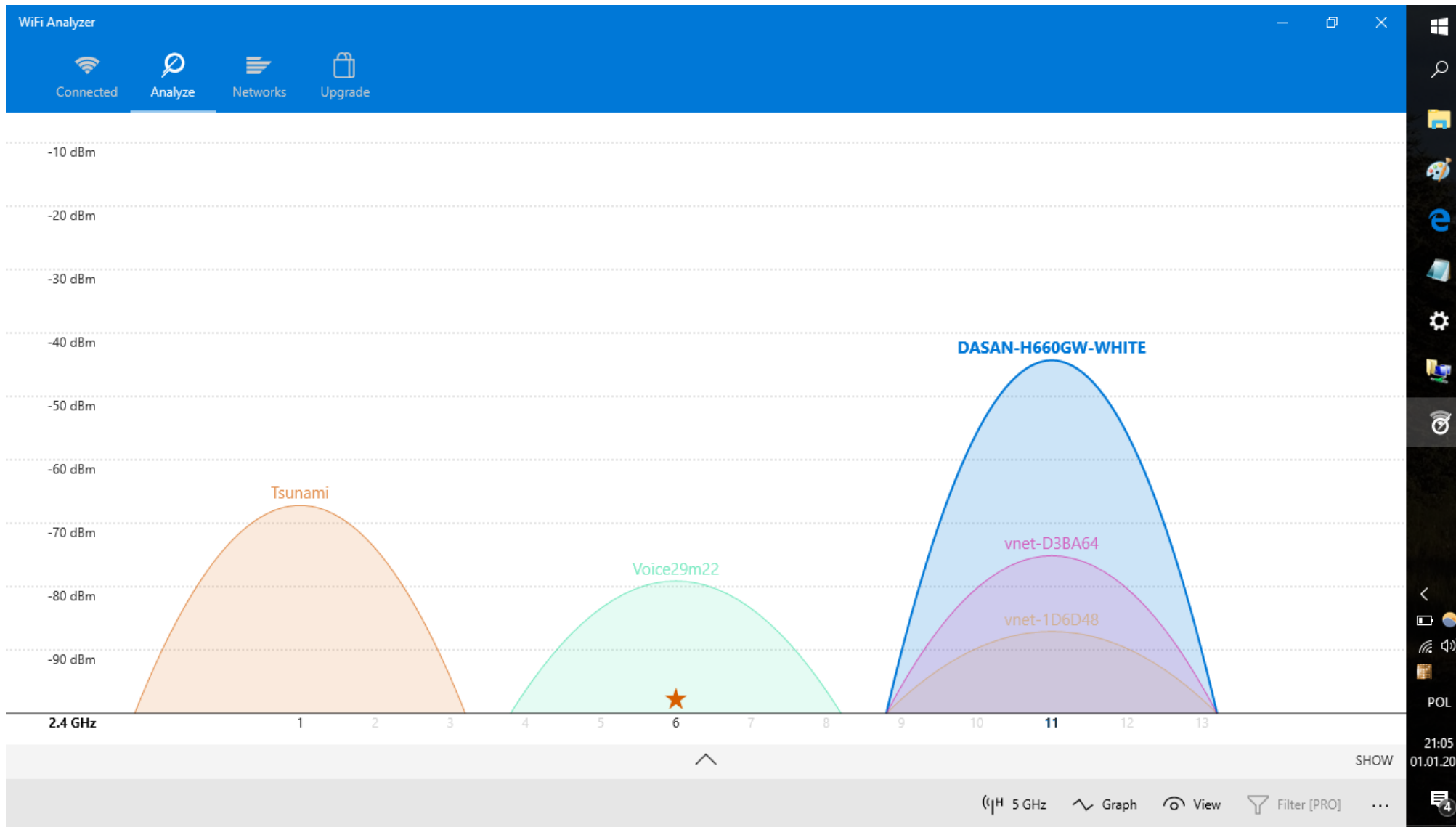


- Tryb BRIDGE/ROUTER
- 1 x GPON port (SC/APC)
- 4 x 10/100/1000Base-T port (RJ45)
- 2 x FXS port (RJ11)
- IEEE802.11b/g/n, antena dualna

Ustawienia klienta:

- Vostro 3360 z Windows 10
- Przeglądarka Edge
- Intel® Centrino Wireless N 2230

Kanał dla 20 MHz



Wydajność na 20 MHz

TEST 1: speedtest.enf.pl

The screenshot displays a Windows 10 desktop environment. In the foreground, a web browser window is open to speedtest.enf.pl, showing a speed test interface with a semi-circular gauge. The gauge indicates a download speed of 110.62 Mb/s and an upload speed of 74.42 Mb/s. A 'START' button is visible at the bottom of the gauge. To the right, a 'Wi-Fi Status' window is open, showing connection details for 'Internet'. The connection is active, with a speed of 144.0 Mbps and a signal quality of four bars. The activity section shows 202,222,908 bytes sent and 258,623,575 bytes received. The taskbar on the right shows various application icons, including the Start menu, File Explorer, and several instances of the Edge browser. The system tray at the bottom right shows the date and time as 20:35 on 01.01.2017, along with a notification icon showing 4 messages.

Browser tabs: Certificate error: Na | Speedtest.net by O... | Speedtest by Ookla | Speed Test - Test Sz | Speed result of 93.7 | 192.168.55.1 | SPEED MINI froi X

Browser address bar: speedtest.enf.pl

Speedtest Results:

- DOWNLOAD: 110.62 Mb/s
- UPLOAD: 74.42 Mb/s
- Speed: 144.0 Mbps
- Signal Quality: 4 bars

Wi-Fi Status - General

Connection

- IPv4 Connectivity: Internet
- IPv6 Connectivity: No network access
- Media State: Enabled
- SSID: DASAN-H660GW-WHITE
- Duration: 00:45:48
- Speed: 144.0 Mbps
- Signal Quality: 4 bars

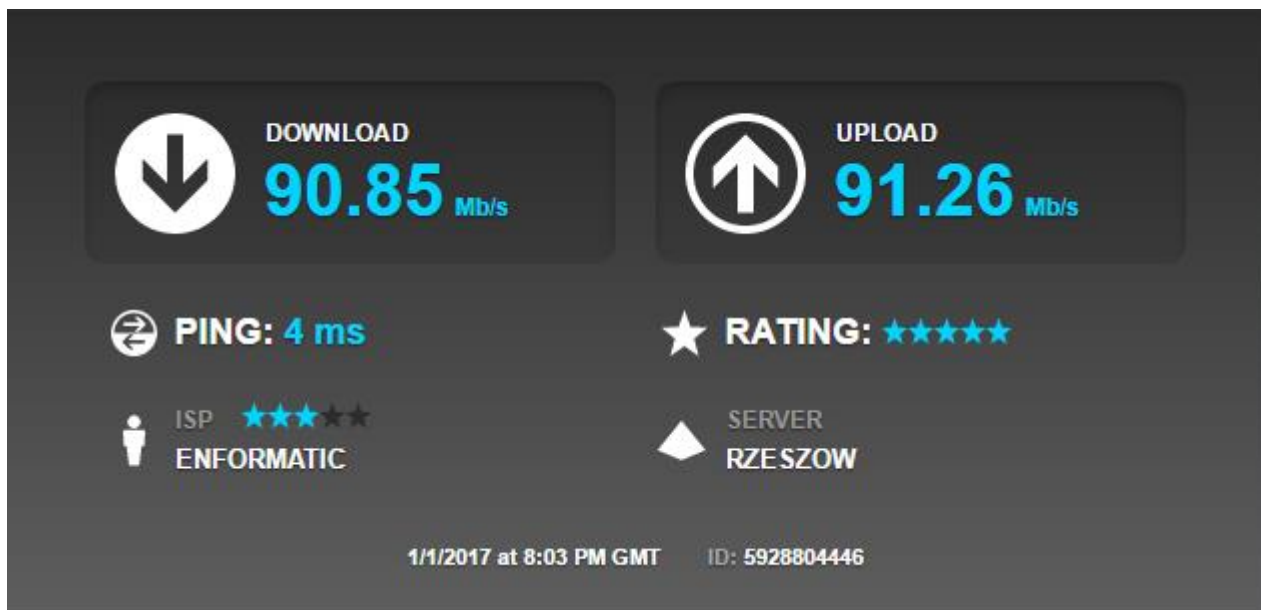
Activity

- Sent: 202 222 908 Bytes
- Received: 258 623 575 Bytes

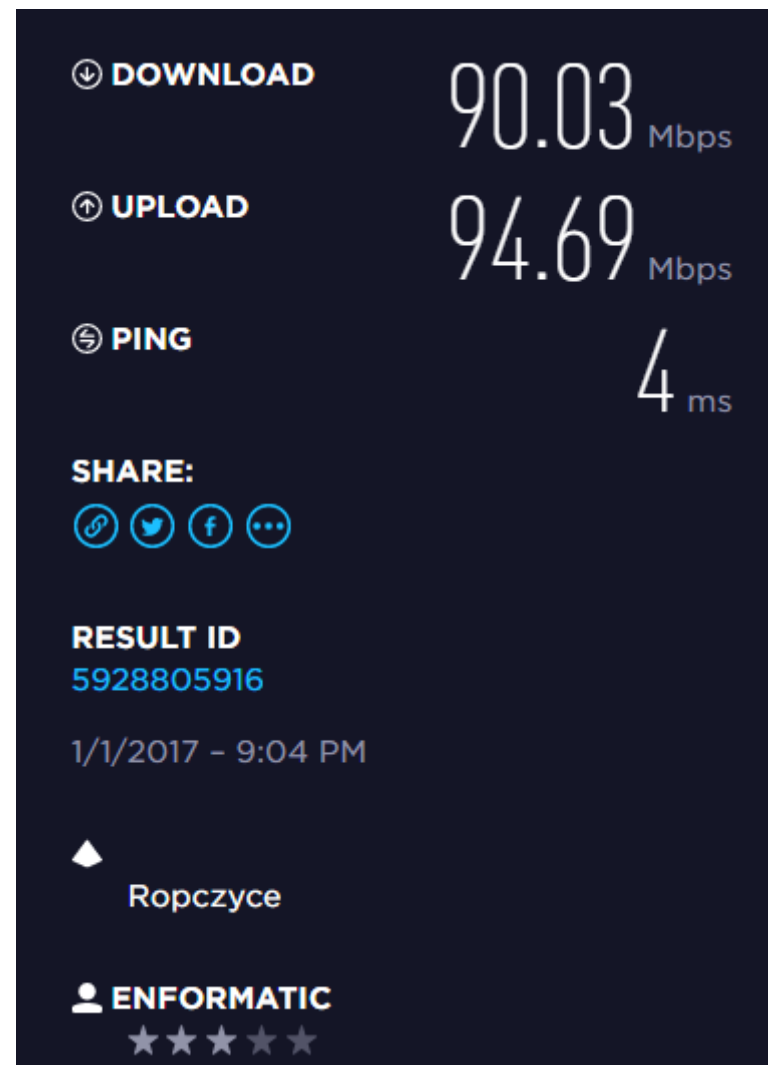
Buttons: Details..., Wireless Properties, Properties, Disable, Diagnose, Close

Wydajność na 20 MHz

TEST 2: speedtest.net



TEST 3: beta.speedtest.net



Wydajność na 20 MHz

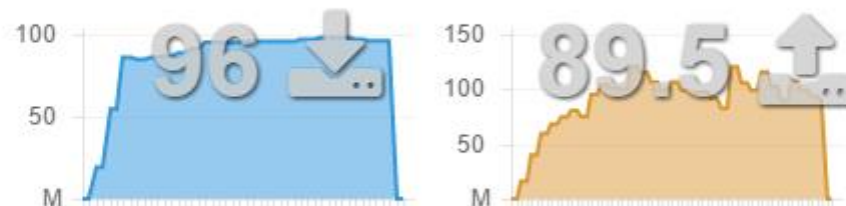


TEST 4: speedtest.pl



TEST 5: dslreports.com (DE serwer)

Speed Profile Mb/s

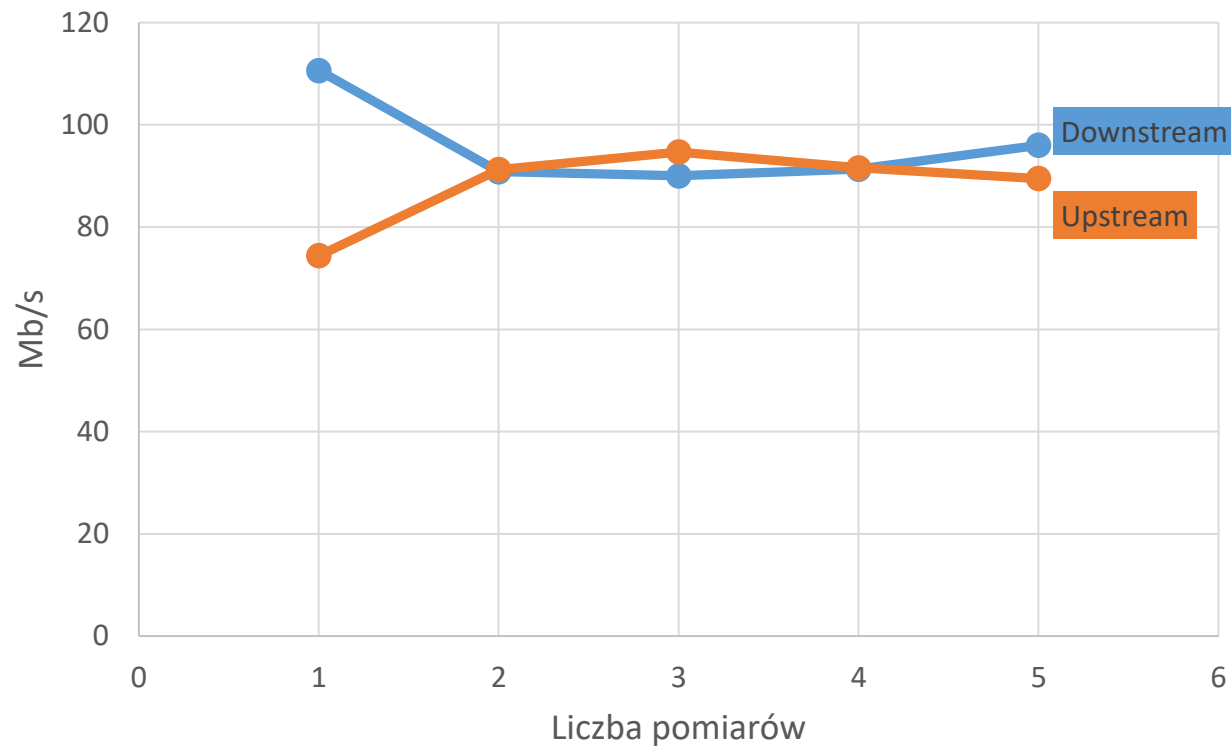


Podsumowanie wydajności na 20 MHz



Średni DL: 95,77 Mb/s

Średni UL: 88,28 Mb/s



Wydajność na 40 MHz

TEST 1: speedtest.enf.pl

The image shows a screenshot of a web browser displaying the speedtest.enf.pl website. The website features a speed test interface with a semi-circular progress indicator and a 'START' button. The test results show a download speed of 142.43 Mb/s and an upload speed of 87.24 Mb/s. The website is titled 'SPEEDTEST.PL' and 'Internet Speed Test'.

Overlaid on the right side of the browser window is the Windows 'Wi-Fi Status' window. The 'General' tab is active, showing the following information:

- Connection: Internet
- IPv4 Connectivity: Internet
- IPv6 Connectivity: No network access
- Media State: Enabled
- SSID: DASAN-H660GW-WHITE
- Duration: 01:00:31
- Speed: 300.0 Mbps
- Signal Quality: (represented by a signal strength icon)

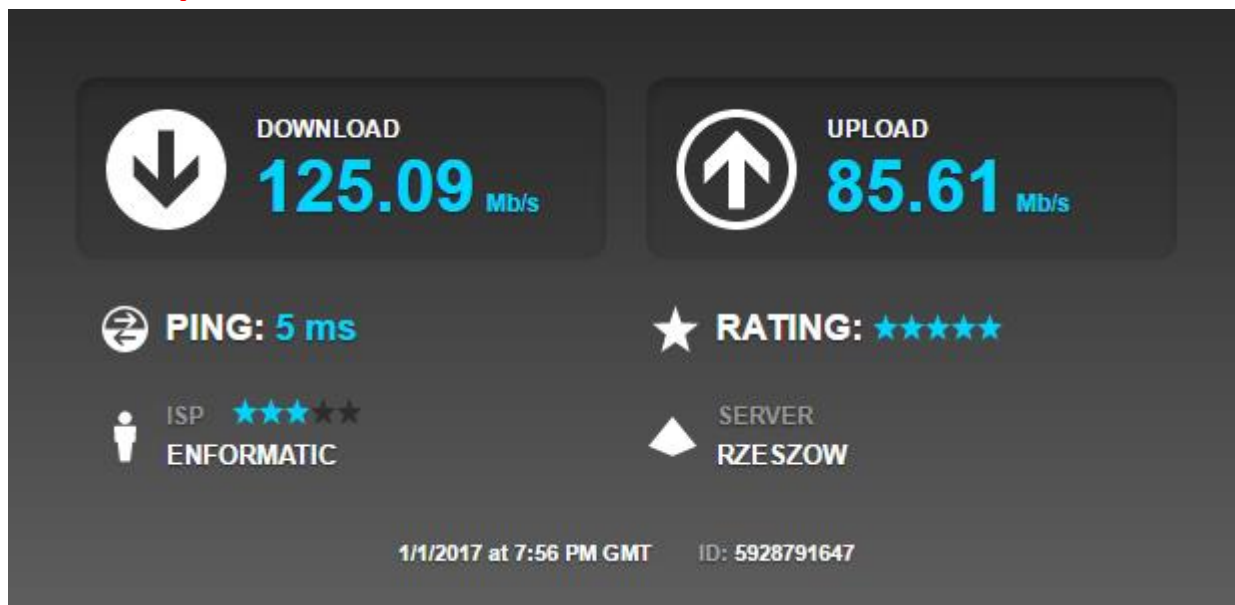
Buttons for 'Details...' and 'Wireless Properties' are visible. The 'Activity' section shows data transfer statistics:

- Sent: 952 704 386 Bytes
- Received: 997 025 311 Bytes

Buttons for 'Properties', 'Disable', and 'Diagnose' are also present. A 'Close' button is located at the bottom right of the window.

Wydajność na 40 MHz

TEST 2: [speedtest.net](https://www.speedtest.net)



TEST 3: beta.speedtest.net



Wydajność na 40 MHz

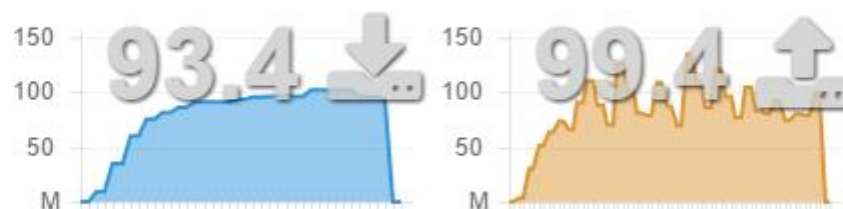


TEST 4: speedtest.pl



TEST 5: dslreports.com (DE serwer)

Speed Profile Mb/s

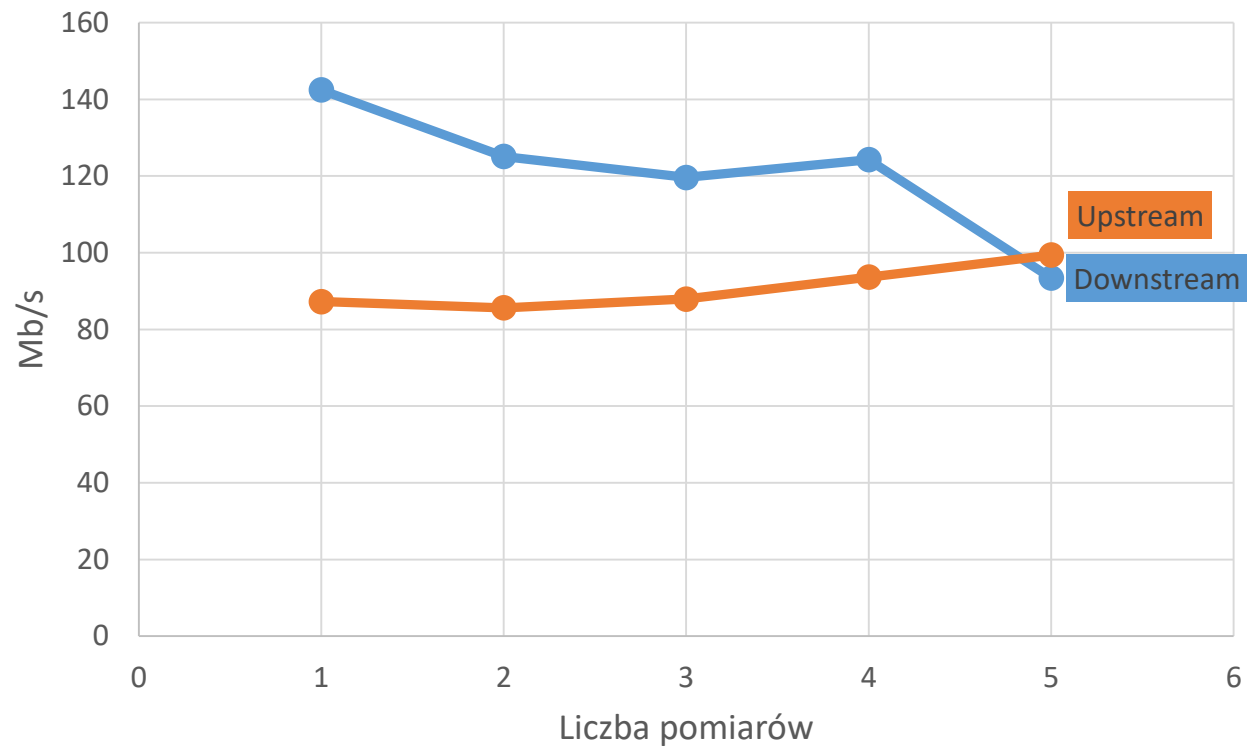


Podsumowanie wydajności na 40 MHz



Średni DL: 120,56 Mb/s

Średni UL: 90,75 Mb/s



Wyniki

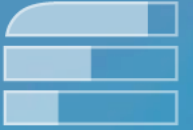


Pomiary zostały wykonane w bloku mieszkalnym:

- **Średnia wartość** w kierunku **ściągnięcia** dla 20 MHz na odległości 8 metrów z przeszkodami wyniosła: **95,77 Mb/s**
- **Średnia wartość** w kierunku **wysyłania** dla 20 MHz na odległości 8 metrów z przeszkodami wyniosła: **88,28 Mb/s**

- **Średnia wartość** w kierunku **ściągnięcia** dla 40 MHz na odległości 8 metrów z przeszkodami wyniosła: **120,56 Mb/s**
- **Średnia wartość** w kierunku **wysyłania** dla 40 MHz na odległości 8 metrów z przeszkodami wyniosła: **90,75 Mb/s**

Wszystkie pomiary zostały wykonane w oparciu dedykowane narzędzia do testów przepustowości łącza. Wybierane testowe serwery znajdowały się poza siecią ISP w związku z czym pomiary mogą być zaniżone.



Dziękujemy za uwagę

[Pełen raport .XLS](#)