

Basic WiFi 6/7 Connection Test v0



Data Connection

Connection

Connection type
Device interface

WIFI

WIFI
wlan0



WiFi Network

Primary signal

WIFI/ING Internet/e2:cb:ac:31:4a:57

- SSID
- BSSID
- Technology
- Supplicant state
- Supplicant capabilities
- Security

ING Internet
e2:cb:ac:31:4a:57
WiFi 5/AC867
COMPLETED
[ESS]
No Security



WiFi Spectrum

Beacon (channel width)

5:112 (80MHz)

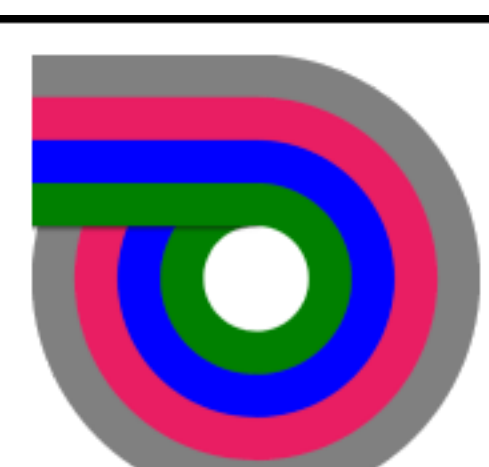
- Beacon frequency
- Beacon spectrum band
- Beacon ch (in band)
- Channel width
- Highest encountered CCI/CCC
- Highest encountered ACI/OBSS
- Average channel utilization

5560MHz
5GHz/U-NII-2C
112
80MHz
0
0
2%

All overlapping signals

ING Internet	1.6 %	5:112 (80)	-54 dBm
e2:cb:ac:31:4a:57	3 stas	AC867	≥12 Mbps

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



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WiFi Signal Quality

Average RSSI

Average RSSI

Average Rx phy speed

Average Rx MCS Index

Average Tx phy speed

Average Tx MCS Index

-51 dBm

-51 dBm

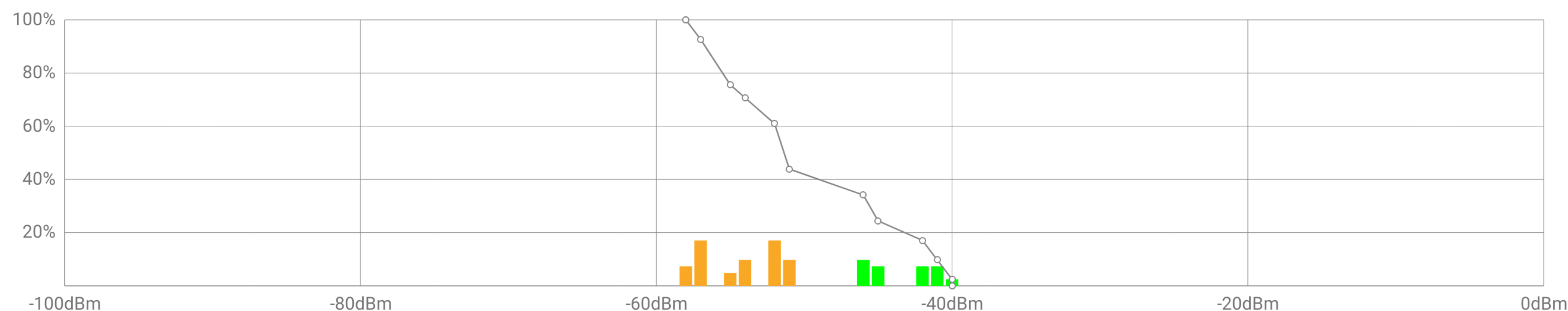
433,3Mbps

9 (256 QAM)

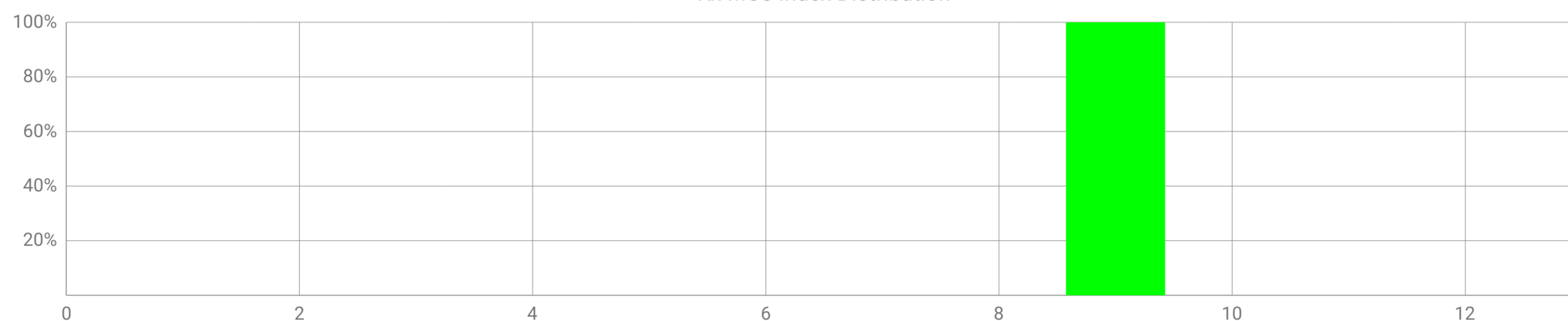
372,0Mbps

8 (256 QAM)

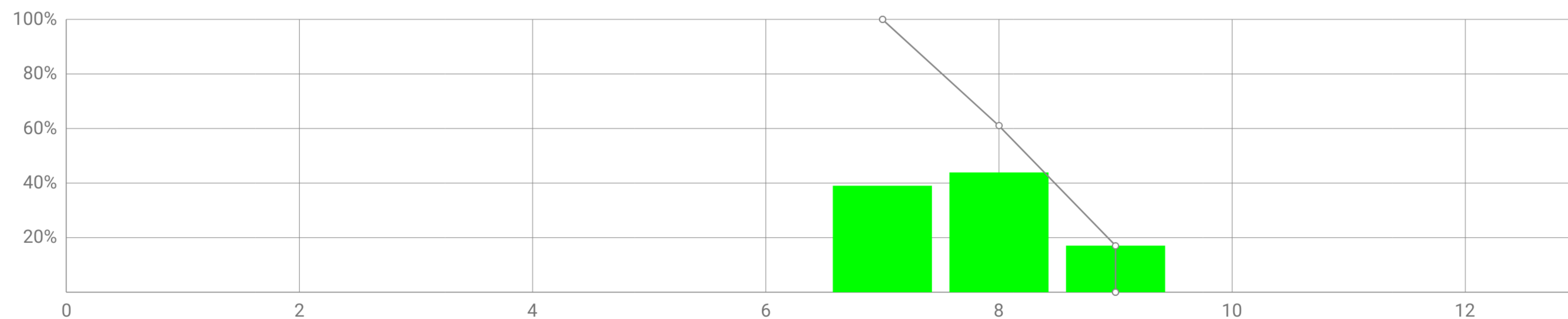
RSSI Distribution



Rx MCS Index Distribution



Tx MCS Index Distribution



IP Connection

Device IPs

```
[ 10.227.39.218, fe80::18b4:d3ff:fe38:6d8f ]
```

DHCP Server

10.128.128.128

Device IPs

```
[ 10.227.39.218, fe80::18b4:d3ff:fe38:6d8f ]
```

Default IP Gateway

10.128.128.128

ALL ROUTES

Destination specific

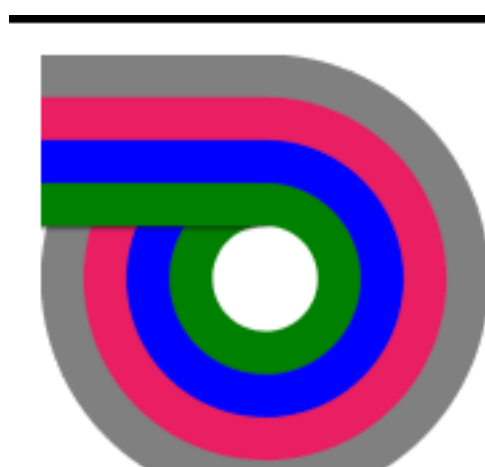
fe80::/64 → ::

Destination specific

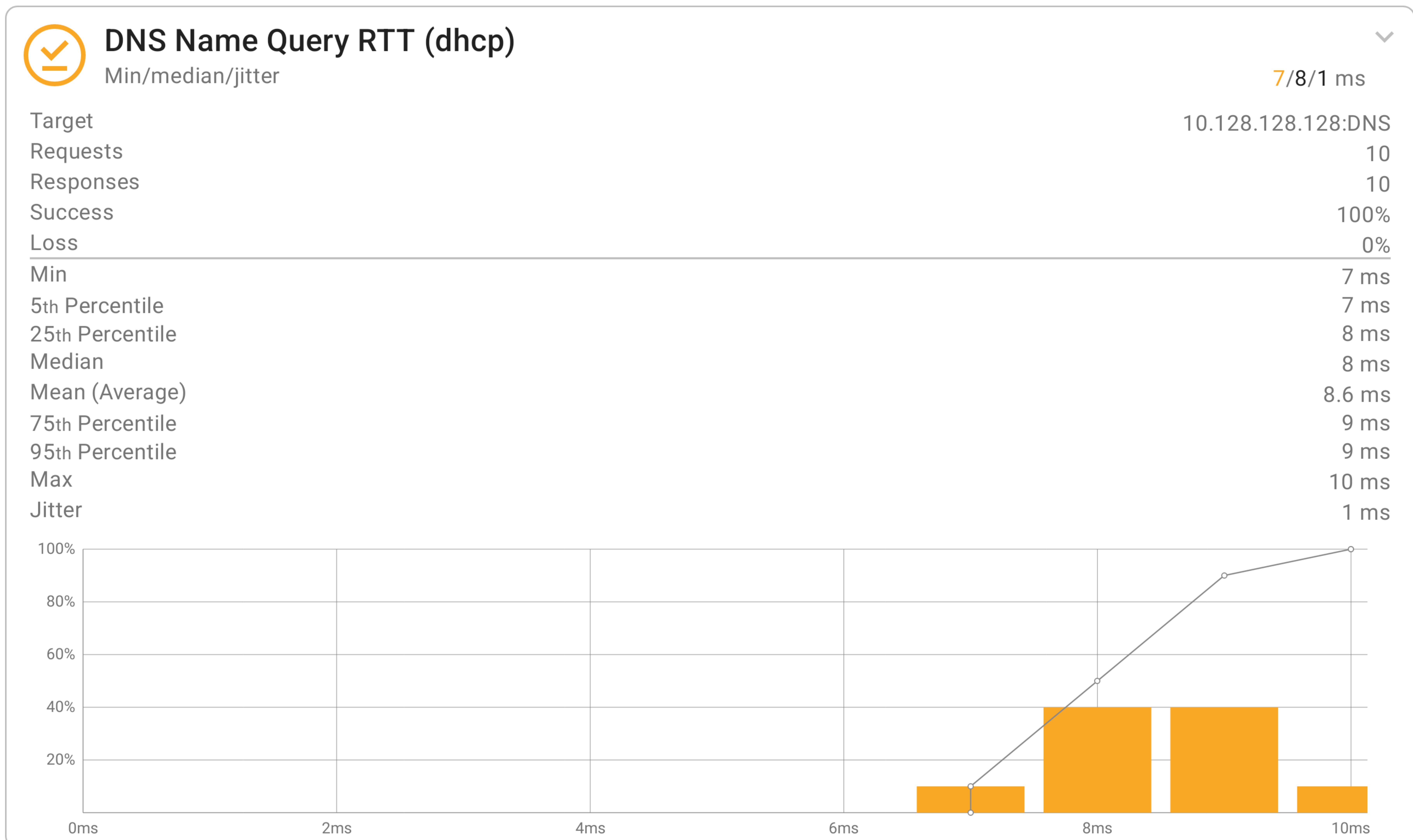
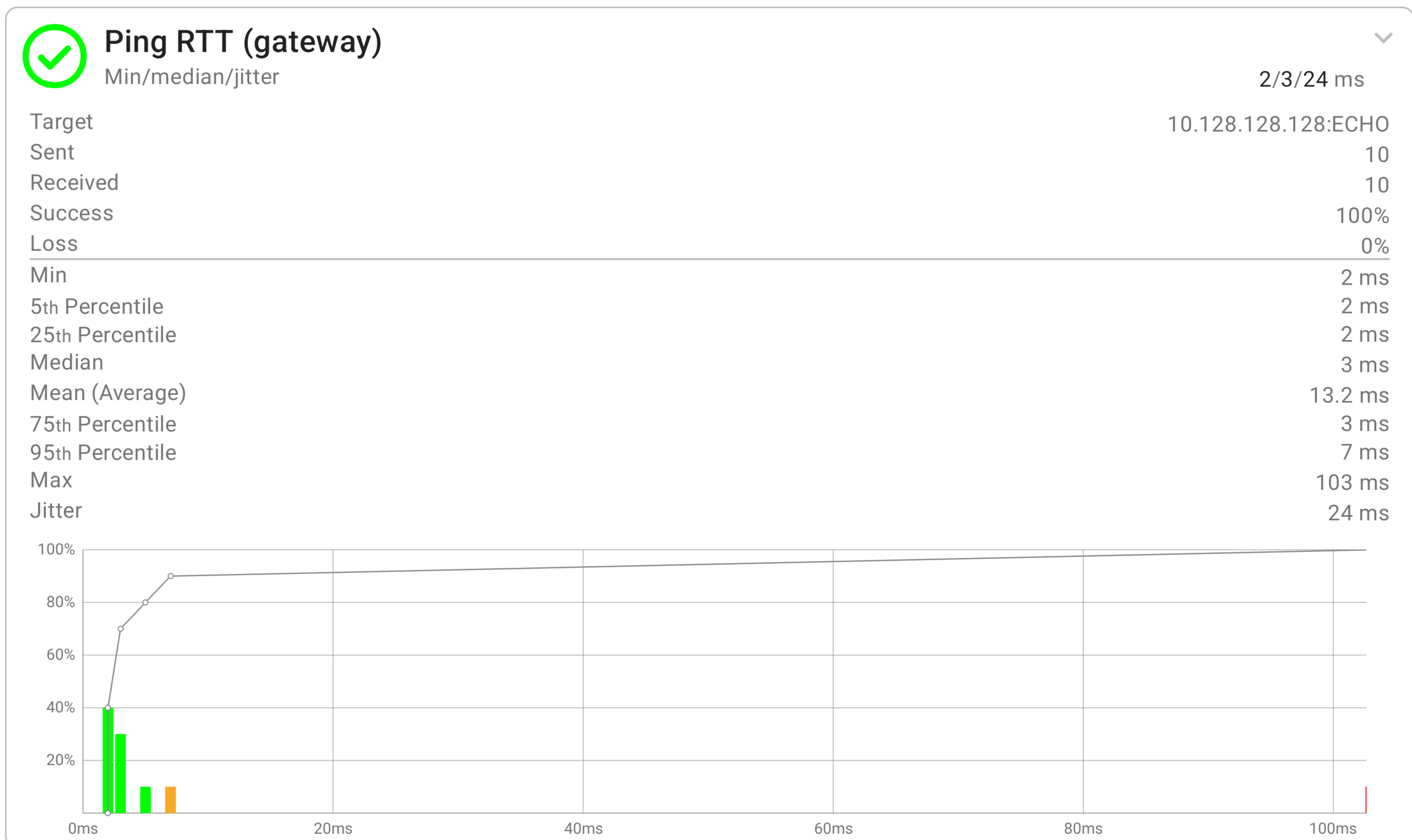
10.0.0.0/8 → 0.0.0.0



Default

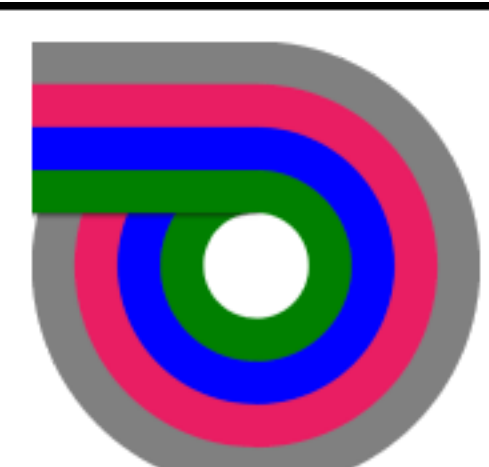
0.0.0.0/0 → 10.128.128.128



Basic WiFi 6/7 Connection Test v0



<div><div><div><div><div></div><div>Internet Connection</div></div><div><div>Public IP</div><div>ISP</div></div></div><div><div>Public IP</div><div>ISP</div><div>DNS Server</div></div></div></div>		<div><div>212.160.93.249</div><div>AS5617 Orange Polska Spolka Akcyjna/PL </div></div> <div><div>212.160.93.249</div><div>AS5617 Orange Polska Spolka Akcyjna/PL </div></div>	
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Basic WiFi 6/7 Connection Test v0



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

Min/median/jitter

30/30/1 ms

Target	www.google.com:HTTPS
Attempts	10
Connections	10
Success	100%
Loss	0%
Min	30 ms
5th Percentile	30 ms
25th Percentile	30 ms
Median	30 ms
Mean (Average)	30.9 ms
75th Percentile	31 ms
95th Percentile	32 ms
Max	33 ms
Jitter	1 ms



Speed Test (Multi-server HTTP)

Download/Upload

54/51 Mbps

Target	mhttp://
Download speed	54 Mbps
Upload speed	51 Mbps
Data consumed for this test	127 MB

