

# Basic LTE/NR Connection Test v0

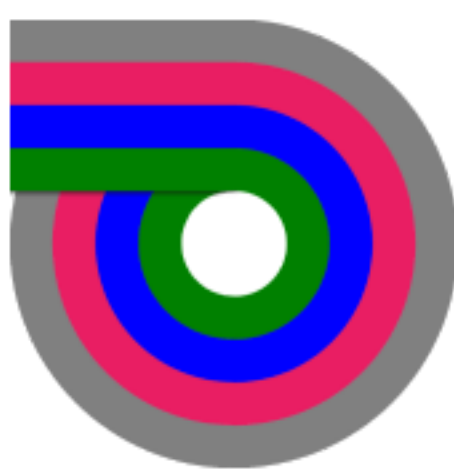
<div><div>✓</div><div>Data Connection</div></div>	Connection	MOBILE
Connection type		MOBILE
Device interface		rmnet_data2

<div><div>✓</div><div>Mobile Network</div></div>	Primary serving cell	MOBILE/LTE/26002/53591/85905953
Technology		LTE
Home network name		T-Mobile.pl
HPLMN		26002
<u>Primary serving cell</u>		
Serving network name		T-Mobile.pl
VPLMN		26002
TAC		53591
ECI		85905953
PCI		400

<div><div>✓</div><div>Mobile Spectrum</div></div>	Primary serving cell frequency	2663MHz
E-UTRA band (duplex)		7 (FDD)
<u>Primary serving cell</u>		
E-UTRA band (duplex)		7 (FDD)
EARFCN		3175
Frequency		2663MHz
Spectrum region		Mid (traditional) 1GHz ~ 2.6GHz

<div><div>⚠</div><div>Mobile Quality</div></div>	Average signal level	GOOD
Signal level		GOOD
Signal strength		45ASU
Signal strength		-95dBm
LTE Signal level		GOOD
LTE Signal strength (ASU)		45ASU
LTE Signal strength (dBm)		-95dBm
LTE RSRP		-95dBm
LTE RSRQ		-12dB
LTE RSSNR		0dB

<div><div>✓</div><div>IP Connection</div></div>	Device IP	100.118.222.76
DHCP Server		N/A
Device IP		100.118.222.76
Default IP Gateway		<a href="#">100.118.222.77</a>
ALL ROUTES		
Default		0.0.0.0/0 → 100.118.222.77
Destination specific		100.118.222.72/29 → 0.0.0.0





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## DNS Name Query RTT (dhcp)

Loss  
Min/median/jitter

60%

162/292/19 ms

Target213.158.199.1:DNS

Requests10

Responses4

Success40%

Loss60%

Min162 ms

5th Percentile162 ms

25th Percentile162 ms

Median292 ms

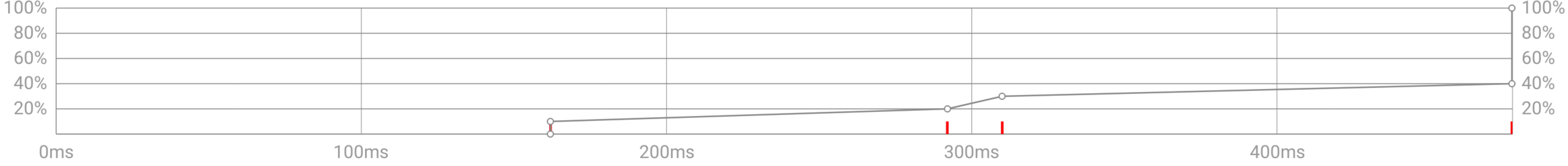
Mean (Average)310.1 ms


75th Percentile310 ms

95th Percentile310 ms

Max477 ms

Jitter19 ms





## Internet Connection

Public IP  
ISP


46.204.13.21

AS12912 T-Mobile Polska S.A./PL

Public IP46.204.13.21

ISPAS12912 T-Mobile Polska S.A./PL

DNS Servers213.158.199.1, 213.158.199.5



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

Min/median/jitter

20/31/15 ms

Targetwww.google.com:HTTPS

Attempts10

Connections10

Success100%

Loss0%

Min20 ms

5th Percentile20 ms

25th Percentile23 ms

Median31 ms

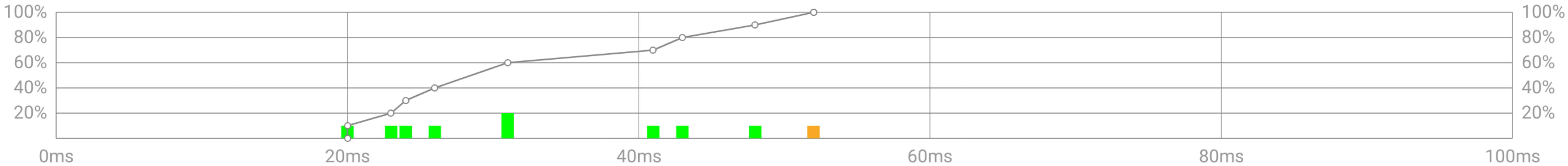
Mean (Average)33.9 ms

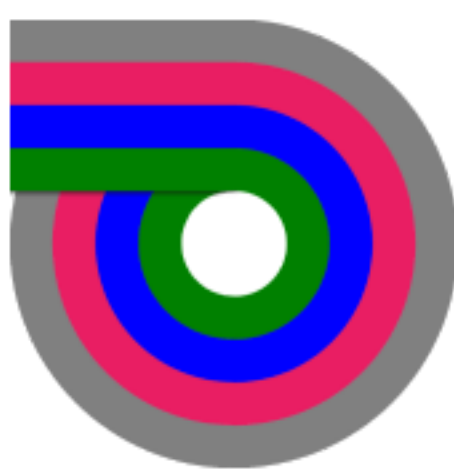
75th Percentile41 ms

95th Percentile48 ms

Max52 ms

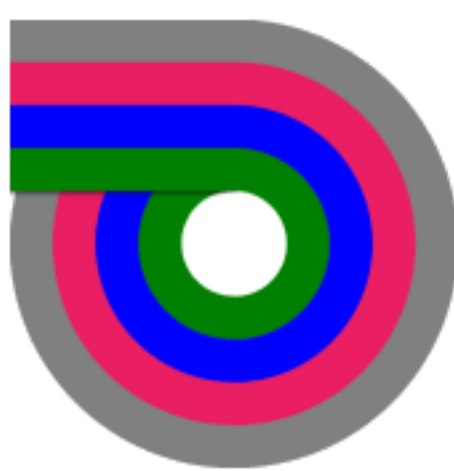
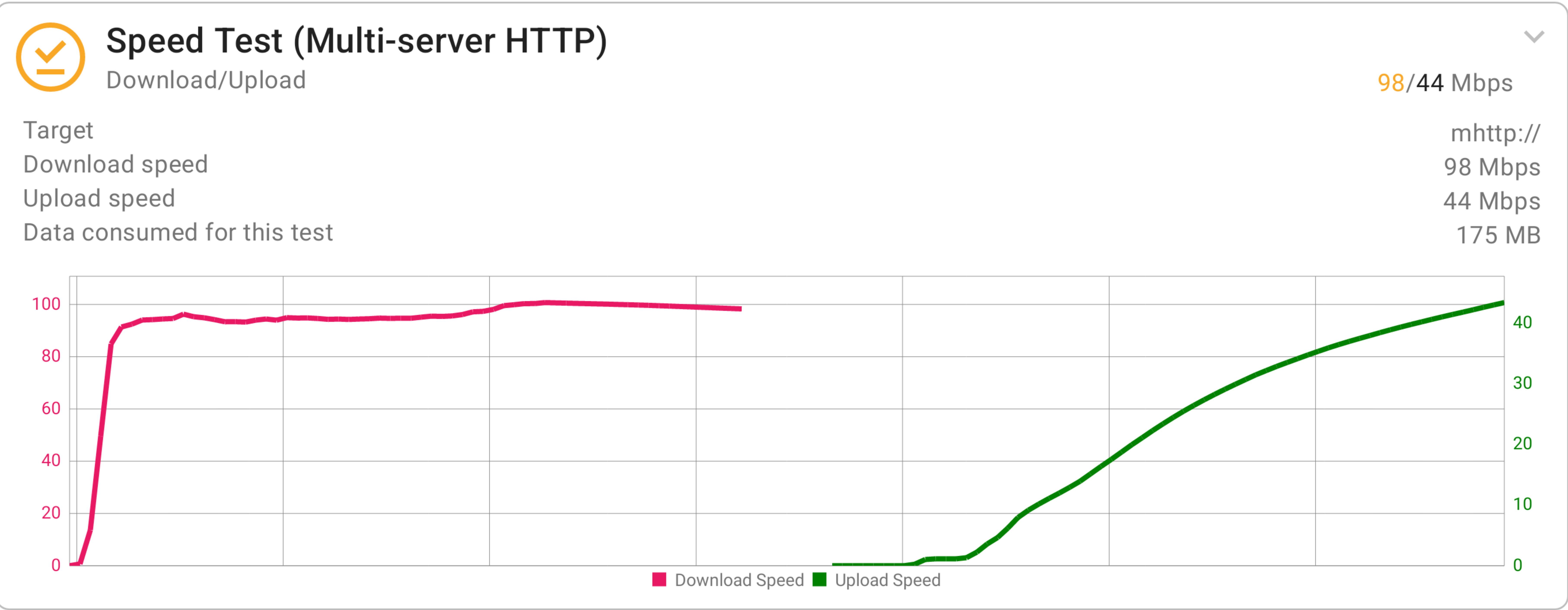
Jitter15 ms







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# Basic LTE/NR Connection Test v0

Embedded attachments (use Adobe Acrobat to extract):

- analiti Validator checklist Basic LTE/NR Connection Test 04-paź-24 10-08-53 CEST.xlsx

