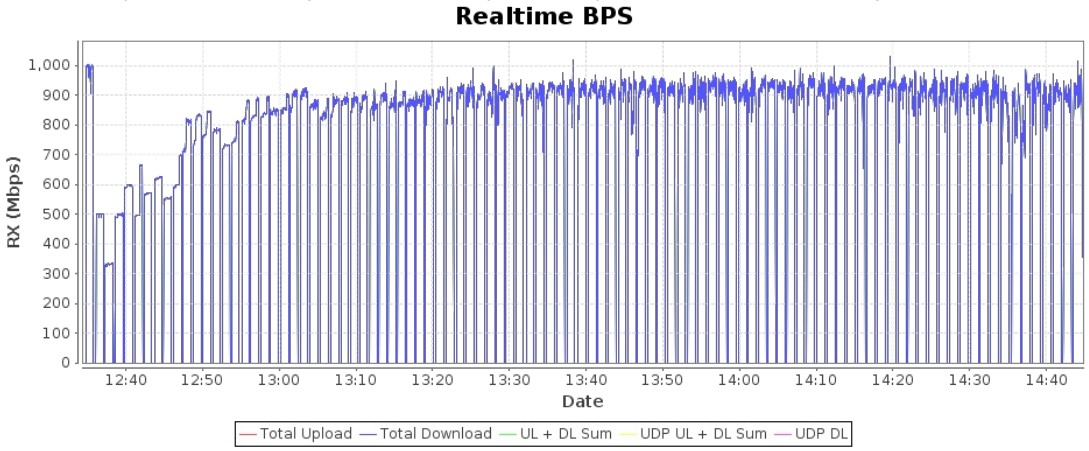
Report for: Wifi Capacity Test

Fri Apr 09 07:36:09 PDT 2021

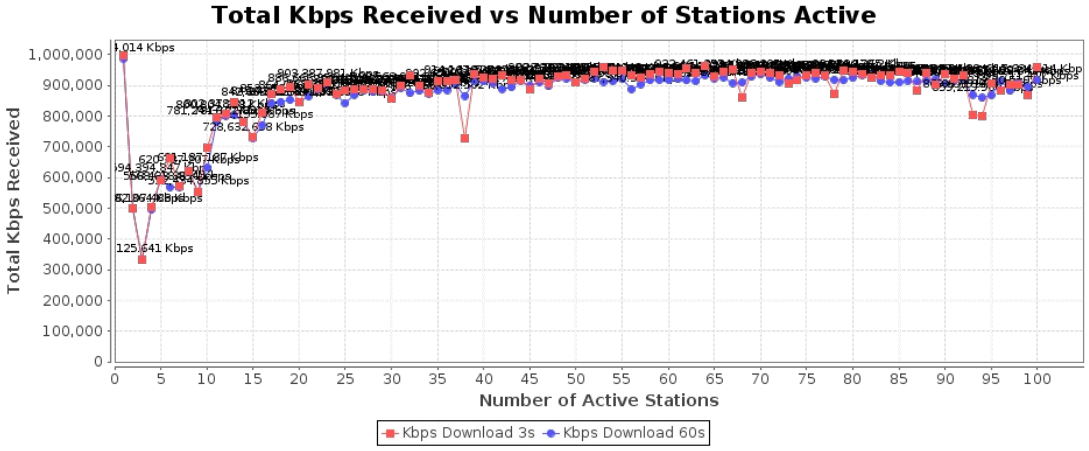
Objective

The Candela WiFi Capacity test is designed to measure performance of an Access Point when handling different amounts of WiFi Stations. The test allows the user to increase the number of stations in user defined steps for each test iteration and measure the per station and the overall throughput for each trial. Along with throughput other measurements made are client connection times, Fairness, % packet loss, DHCP times and more. The expected behavior is for the AP to be able to handle several stations (within the limitations of the AP specs) and make sure all stations get a fair amount of airtime both in the upstream and downstream. An AP that scales well will not show a significant over-all throughput decrease as more stations are added.

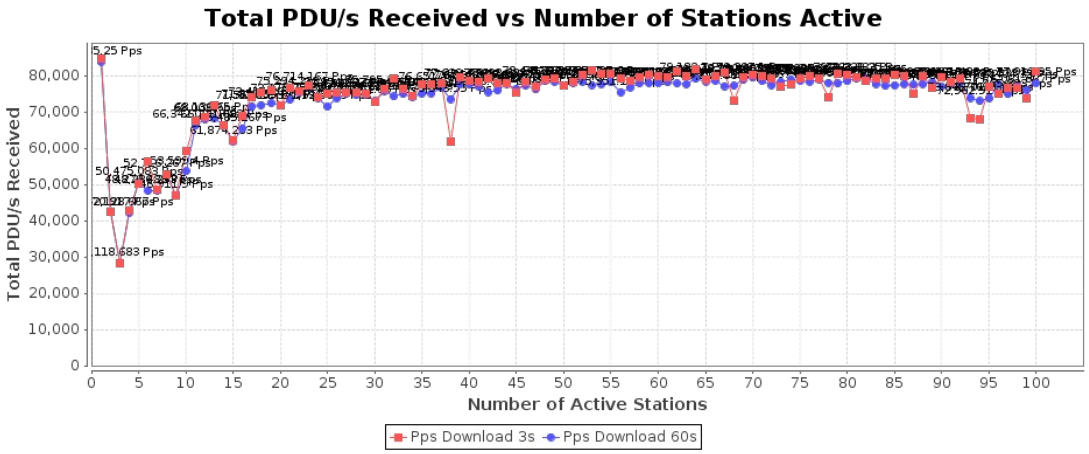
Realtime Graph shows summary download and upload RX bps of connections created by this test.



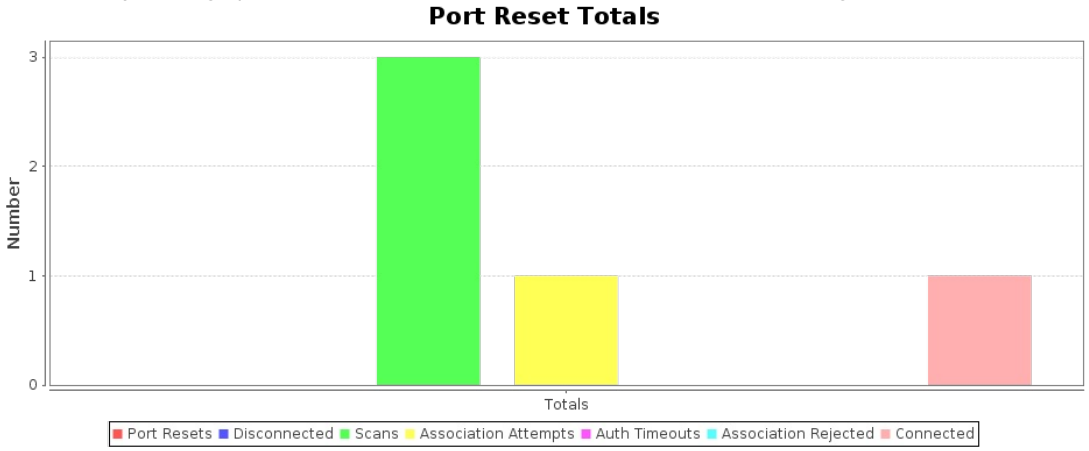
Total bits-per-second transferred. This only counts the protocol payload, so it will not count the Ethernet, IP, UDP, TCP or other header overhead. A well behaving system will show about the same rate as stations increase. If the rate decreases significantly as stations increase, then it is not scaling well.
If selected, the Golden AP comparison graphs will be added. These tests were done in an isolation chamber, open encryption, conductive connection, with LANforge CT525 wave-1 3x3 NIC as the stations.



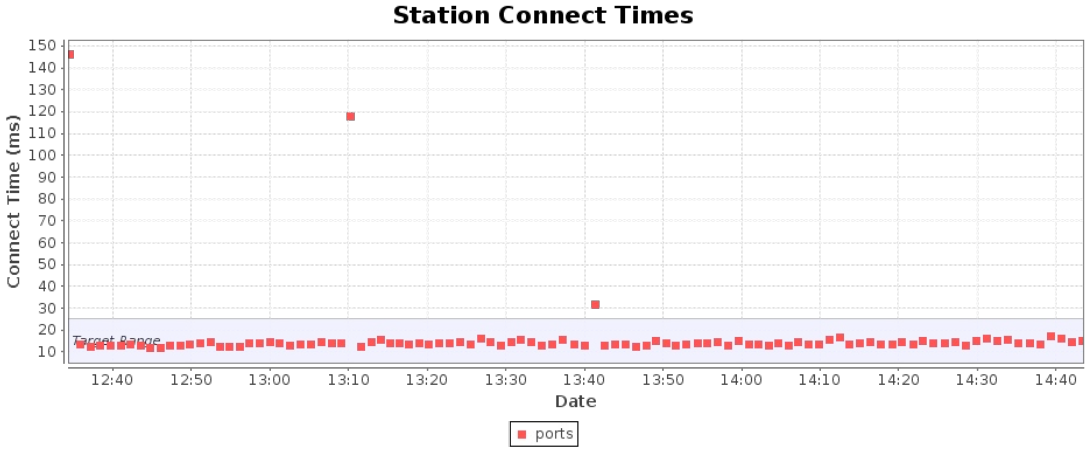
Protocol-Data-Units received. For TCP, this does not mean much, but for UDP connections, this correlates to packet size. If the PDU size is larger than what fits into a single frame, then the network stack will segment it accordingly. A well behaving system will show about the same rate as stations increase. If the rate decreases significantly as stations increase, then it is not scaling well.



Station disconnect stats. These will be only for the last iteration. If the 'Clear Reset Counters' option is selected, the stats are cleared after the initial association. Any re-connects reported indicate a potential stability issue. Can be used for long-term stability testing in cases where you bring up all stations in one iteration and then run the test for a longer duration.



Station connect time is calculated from the initial Authenticate message through the completion of Open or RSN association/authentication.



Wifi-Capacity Test requested values	
Station Increment:	1
Loop Iterations:	Single (1)
Duration:	1 min (1 m)
Protocol:	UDP-IPv4
Layer 4-7 Endpoint:	NONE
Payload Size:	AUTO

MSS	AUTO
Total Download Rate:	1G (1 Gbps)
Total Upload Rate:	Zero (0 bps)
Percentage TCP Rate:	10% (10%)
Set Bursty Minimum Speed:	Burst Mode Disabled (-1)
Randomize Rates	true
Leave Ports Up	false
Socket buffer size:	OS Default
Settle Time:	5 sec (5 s)
Rpt Timer:	fast (1 s)
IP ToS:	Best Effort (0)
Multi-Conn:	AUTO
Show-Per-Iteration-Charts	true
Show-Per-Loop-Totals	true
Hunt-Lower-Rates	false
Show Events	true
Clear Reset Counters	false
CSV Reporting Dir	- not selected -
Build Date	Tue 06 Apr 2021 06:17:31 PM PDT
Build Version	5.4.3
Git Version	5990ed1e04cad32619b4cdf12cdf31fe9fbd809b
Ports	1.1.eth2 1.1.sta02000 1.1.sta02001 1.1.sta02002 1.1.sta02003 1.1.sta02004 1.1.sta02005 1.1.sta02006 1.1.sta02007 1.1.sta02008 1.1.sta02009 1.1.sta02010 1.1.sta02011 1.1.sta02012 1.1.sta02013 1.1.sta02014 1.1.sta02015 1.1.sta02016 1.1.sta02017 1.1.sta02018 1.1.sta02019 1.1.sta02020 1.1.sta02021 1.1.sta02022 1.1.sta02023 1.1.sta02024 1.1.sta02025 1.1.sta02026 1.1.sta02027 1.1.sta02028 1.1.sta02029 1.1.sta02030 1.1.sta02031 1.1.sta02032 1.1.sta02033 1.1.sta02034 1.1.sta02035 1.1.sta02036 1.1.sta02037 1.1.sta02038 1.1.sta02039 1.1.sta02040 1.1.sta02041 1.1.sta02042 1.1.sta02043 1.1.sta02044 1.1.sta02045 1.1.sta02046 1.1.sta02047 1.1.sta02048 1.1.sta02049 1.1.sta02500 1.1.sta02501 1.1.sta02502 1.1.sta02503 1.1.sta02504 1.1.sta02505 1.1.sta02506 1.1.sta02507 1.1.sta02508 1.1.sta02509 1.1.sta02510 1.1.sta02511 1.1.sta02512 1.1.sta02513 1.1.sta02514 1.1.sta02515 1.1.sta02516 1.1.sta02517 1.1.sta02518 1.1.sta02519 1.1.sta02520 1.1.sta02521 1.1.sta02522 1.1.sta02523 1.1.sta02524 1.1.sta02525 1.1.sta02526 1.1.sta02527 1.1.sta02528 1.1.sta02529 1.1.sta02530 1.1.sta02531 1.1.sta02532 1.1.sta02533 1.1.sta02534 1.1.sta02535 1.1.sta02536 1.1.sta02537 1.1.sta02538 1.1.sta02539 1.1.sta02540 1.1.sta02541 1.1.sta02542 1.1.sta02543 1.1.sta02544 1.1.sta02545 1.1.sta02546 1.1.sta02547 1.1.sta02548 1.1.sta02549
Firmware	0x80000aef, 1.1876.0 10.4b-ct-9984-xtH-13-774502ee5
Machines	ct523c-3b7b

```
Requested Parameters:
Download Rate: Per station: 1000000000 (   1 Gbps)  All:   1000000000 (   1 Gbps)
```

```
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                                    Total:    1000000000 (   1 Gbps)
Station count: 1   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Rate:
Download Rate:     Cx Min: 987.244 Mbps  Cx Ave: 987.244 Mbps  Cx Max: 987.244 Mbps  All Cx: 987.244 Mbps
Upload Rate:       Cx Min:        0 bps  Cx Ave:        0 bps  Cx Max:        0 bps  All Cx:        0 bps
                                                                                     Total: 987.244 Mbps
Aggregated Rate:   Min:    987.244 Mbps  Avg:    987.244 Mbps  Max:    987.244 Mbps

This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
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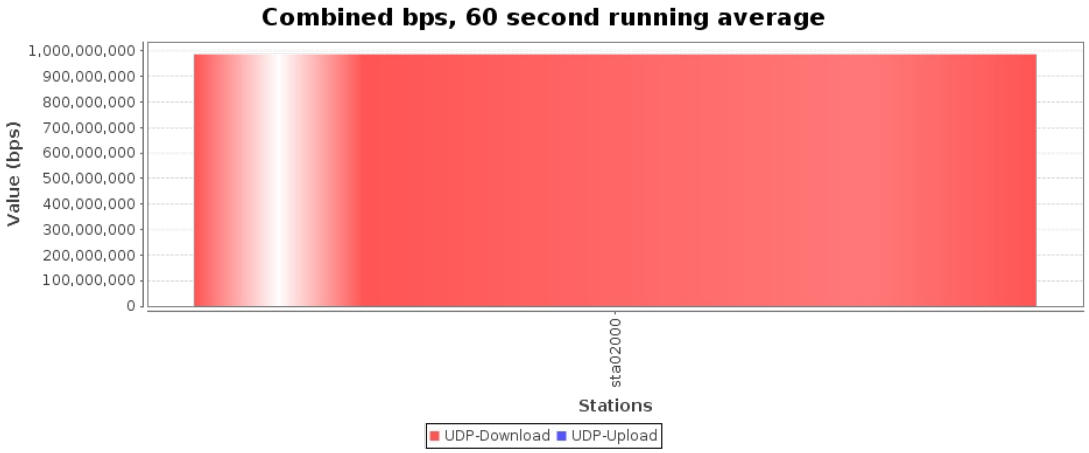


```
Requested Parameters:
Download Rate: Per station: 1000000000 (   1 Gbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                                    Total:    1000000000 (   1 Gbps)
Station count: 1   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Amount:
Download Amount:   Cx Min:     6.953 GB  Cx Ave:     6.953 GB  Cx Max:     6.953 GB  All Cx:     6.953 GB
Upload Amount:     Cx Min:          0 B  Cx Ave:          0 B  Cx Max:          0 B  All Cx:          0 B
                                                                                     Total:      6.953 GB

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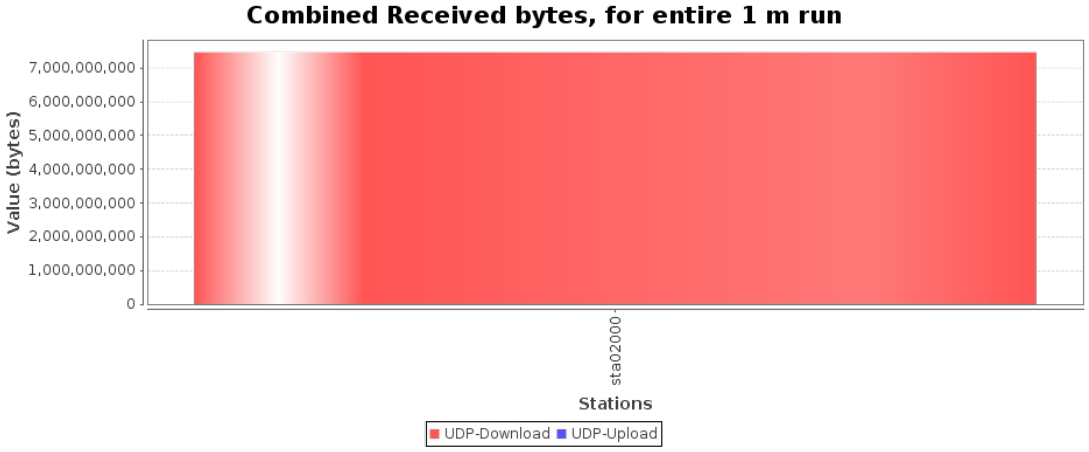


```
Requested Parameters:
Download Rate: Per station: 500000000 ( 500 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                                    Total:    1000000000 (   1 Gbps)
Station count: 2   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Rate:
Download Rate:     Cx Min:        0 bps  Cx Ave: 248.891 Mbps  Cx Max: 497.782 Mbps  All Cx: 497.782 Mbps
Upload Rate:       Cx Min:        0 bps  Cx Ave:        0 bps  Cx Max:        0 bps  All Cx:        0 bps
                                                                                     Total: 497.782 Mbps
Aggregated Rate:   Min:           0 bps  Avg:    248.891 Mbps  Max:    497.782 Mbps
Non-Transmitting endpoints: (1)  udp--1.eth2-01.sta02001-A
```

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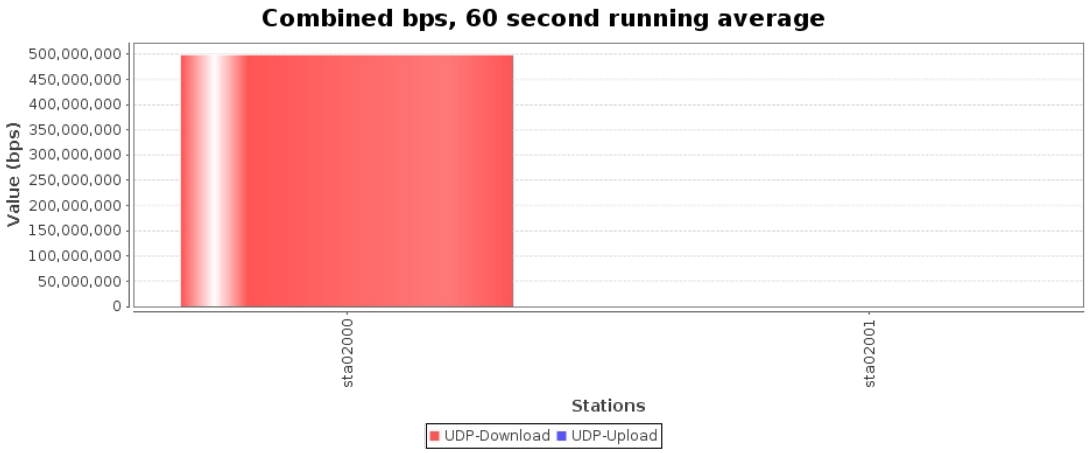

Requested Parameters:
Download Rate: Per station: 500000000 (500 Mbps) All: 1000000000 (1 Gbps)
Upload Rate: Per station: 0 (0 bps) All: 0 (0 bps)
                                              Total: 1000000000 (1 Gbps)
Station count: 2   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Amount:
Download Amount: Cx Min: 0 B Cx Ave: 1.753 GB Cx Max: 3.506 GB All Cx: 3.506 GB
Upload Amount: Cx Min: 0 B Cx Ave: 0 B Cx Max: 0 B All Cx: 0 B
                                                                                      Total: 3.506 GB
Non-Transmitting endpoints: (1) udp--1.eth2-01.sta02001-A

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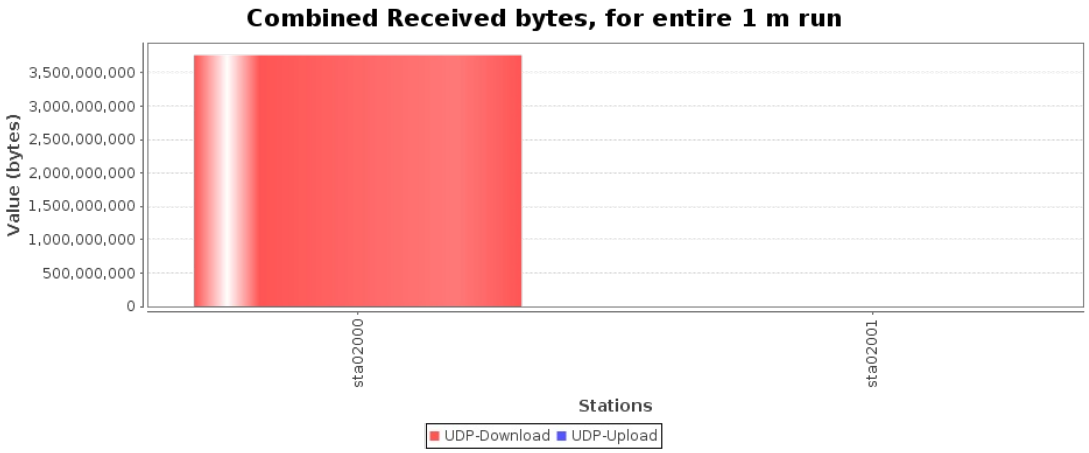

Requested Parameters:
Download Rate: Per station: 333333333 (333.333 Mbps) All: 1000000000 (1 Gbps)
Upload Rate: Per station: 0 (0 bps) All: 0 (0 bps)
                                              Total: 1000000000 (1 Gbps)
Station count: 3   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Rate:
Download Rate: Cx Min: 0 bps Cx Ave: 110.375 Mbps Cx Max: 331.126 Mbps All Cx: 331.126 Mbps
Upload Rate: Cx Min: 0 bps Cx Ave: 0 bps Cx Max: 0 bps All Cx: 0 bps
                                                                                     Total: 331.126 Mbps
Aggregated Rate: Min: 0 bps Avg: 110.375 Mbps Max: 331.126 Mbps
Non-Transmitting endpoints: (2) udp--1.eth2-01.sta02001-A udp--1.eth2-01.sta02002-A

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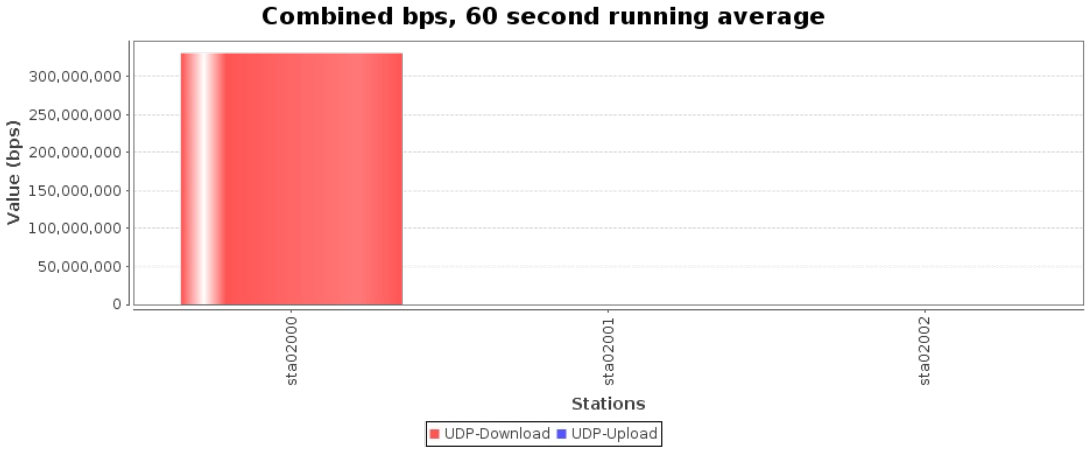


```
Requested Parameters:
Download Rate: Per station: 333333333 (333.333 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                                Total:    1000000000 (   1 Gbps)
Station count: 3   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Amount:
Download Amount:   Cx Min:          0 B  Cx Ave:   795.978 MB  Cx Max:     2.332 GB  All Cx:     2.332 GB
Upload Amount:     Cx Min:          0 B  Cx Ave:          0 B  Cx Max:          0 B  All Cx:          0 B
                                                                                      Total:      2.332 GB
Non-Transmitting endpoints: (2)  udp--1.eth2-01.sta02001-A udp--1.eth2-01.sta02002-A

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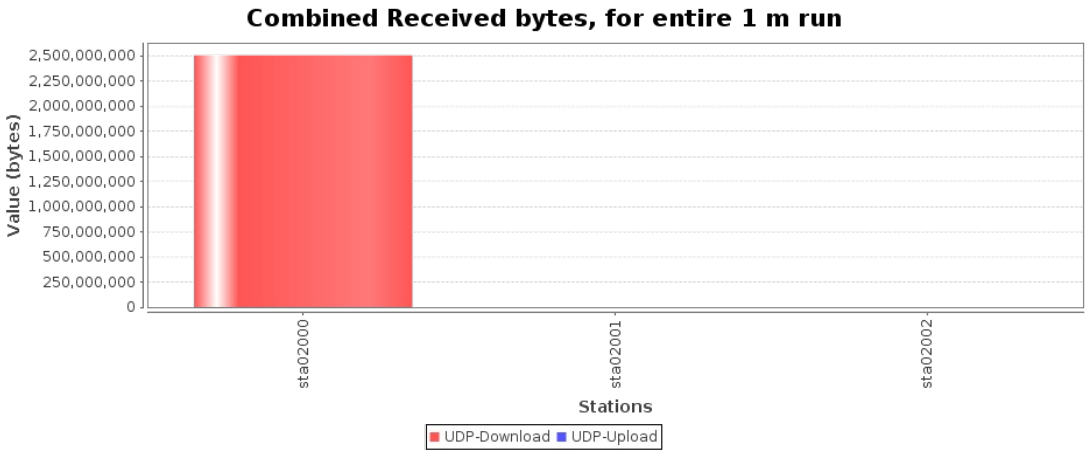


```
Requested Parameters:
Download Rate: Per station: 250000000 ( 250 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                                Total:    1000000000 (   1 Gbps)
Station count: 4   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Rate:
Download Rate:     Cx Min:        0 bps  Cx Ave: 124.027 Mbps  Cx Max: 248.512 Mbps  All Cx: 496.107 Mbps
Upload Rate:       Cx Min:        0 bps  Cx Ave:        0 bps  Cx Max:        0 bps  All Cx:        0 bps
                                                                                      Total: 496.107 Mbps
Aggregated Rate:   Min:           0 bps  Avg:    124.027 Mbps  Max:    248.512 Mbps
Non-Transmitting endpoints: (2)  udp--1.eth2-01.sta02001-A udp--1.eth2-01.sta02002-A

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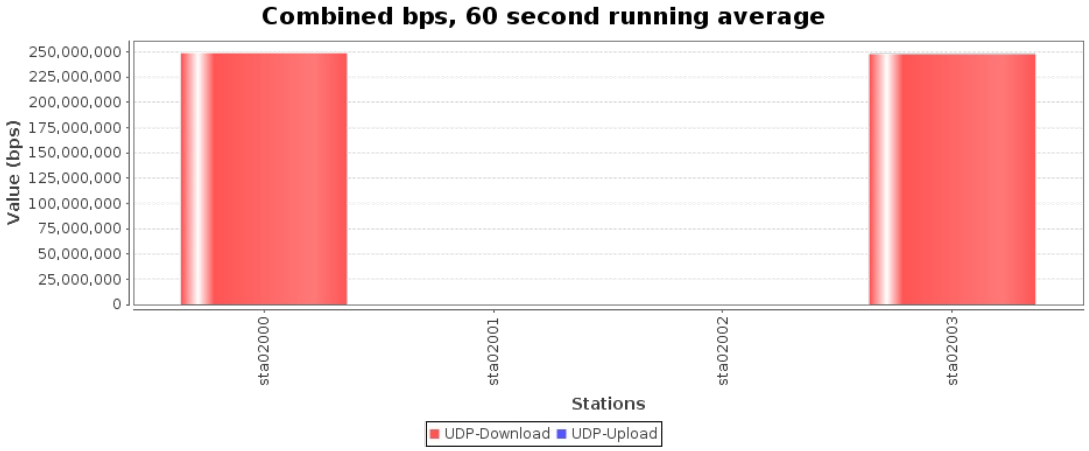


```
Requested Parameters:
Download Rate: Per station: 250000000 ( 250 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                                Total:    1000000000 (   1 Gbps)
Station count: 4   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Amount:
Download Amount:   Cx Min:          0 B  Cx Ave:   894.297 MB  Cx Max:      1.75 GB  All Cx:     3.493 GB
Upload Amount:     Cx Min:          0 B  Cx Ave:          0 B  Cx Max:          0 B  All Cx:          0 B
                                                                                      Total:      3.493 GB
Non-Transmitting endpoints: (2)  udp--1.eth2-01.sta02001-A udp--1.eth2-01.sta02002-A

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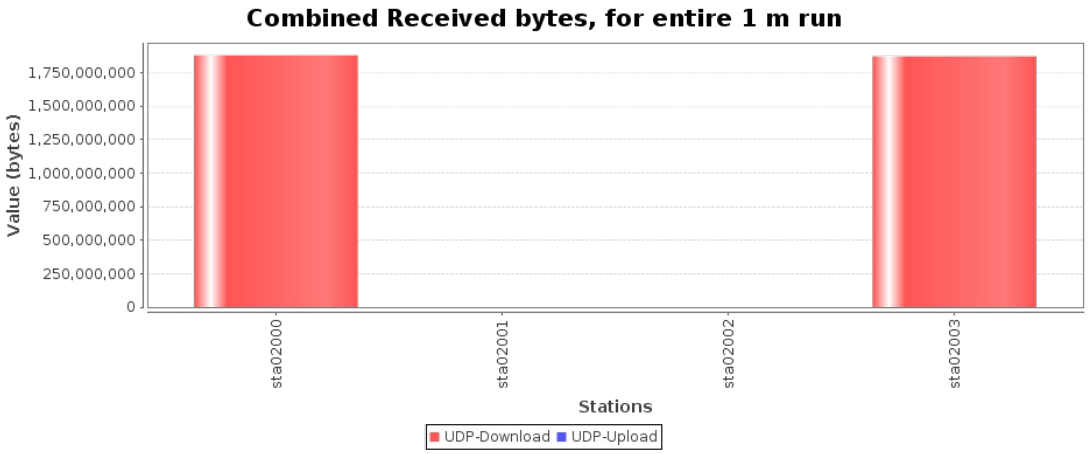


```
Requested Parameters:
Download Rate: Per station: 200000000 ( 200 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                                Total:    1000000000 (   1 Gbps)
Station count: 5   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Rate:
Download Rate:     Cx Min:        0 bps  Cx Ave: 118.879 Mbps  Cx Max: 198.855 Mbps  All Cx: 594.395 Mbps
Upload Rate:       Cx Min:        0 bps  Cx Ave:        0 bps  Cx Max:        0 bps  All Cx:        0 bps
                                                                                      Total: 594.395 Mbps
Aggregated Rate:   Min:           0 bps  Avg:    118.879 Mbps  Max:    198.855 Mbps
Non-Transmitting endpoints: (2)  udp--1.eth2-01.sta02002-A udp--1.eth2-01.sta02004-A

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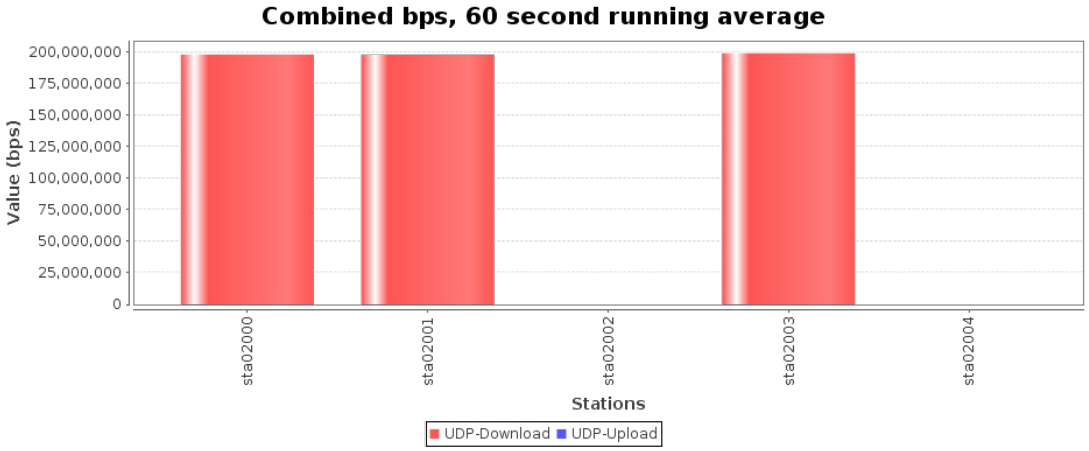


```
Requested Parameters:
Download Rate: Per station: 200000000 ( 200 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                                Total:    1000000000 (   1 Gbps)
Station count: 5   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Amount:
Download Amount:   Cx Min:          0 B  Cx Ave:   857.215 MB  Cx Max:       1.4 GB  All Cx:     4.186 GB
Upload Amount:     Cx Min:          0 B  Cx Ave:          0 B  Cx Max:          0 B  All Cx:          0 B
                                                                                     Total:      4.186 GB
Non-Transmitting endpoints: (2)  udp--1.eth2-01.sta02002-A udp--1.eth2-01.sta02004-A

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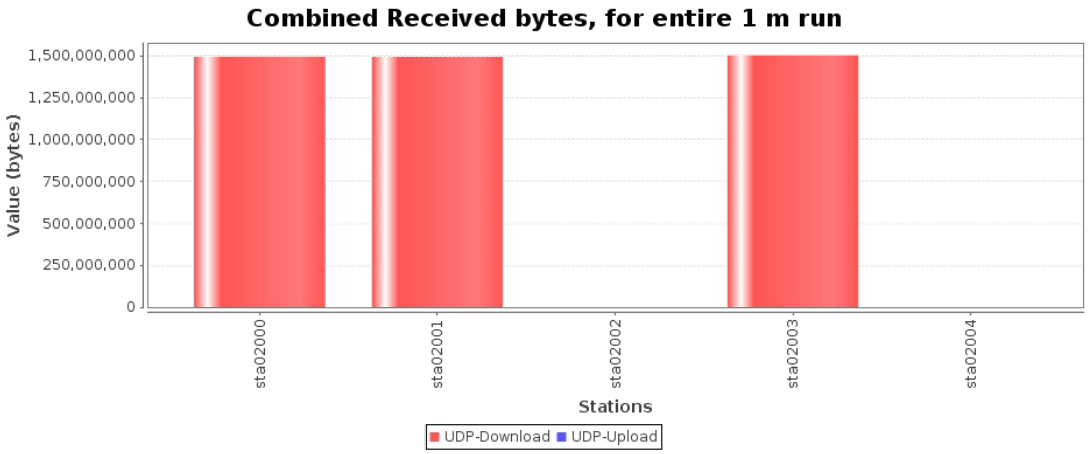


```
Requested Parameters:
Download Rate: Per station: 166666666 (166.667 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                                Total:    1000000000 (   1 Gbps)
Station count: 6   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Rate:
Download Rate:     Cx Min:        0 bps  Cx Ave:  94.739 Mbps  Cx Max: 165.372 Mbps  All Cx: 568.433 Mbps
Upload Rate:       Cx Min:        0 bps  Cx Ave:        0 bps  Cx Max:        0 bps  All Cx:        0 bps
                                                                                     Total: 568.433 Mbps
Aggregated Rate:   Min:           0 bps  Avg:     94.739 Mbps  Max:    165.372 Mbps
Non-Transmitting endpoints: (2)  udp--1.eth2-01.sta02004-A udp--1.eth2-01.sta02005-A

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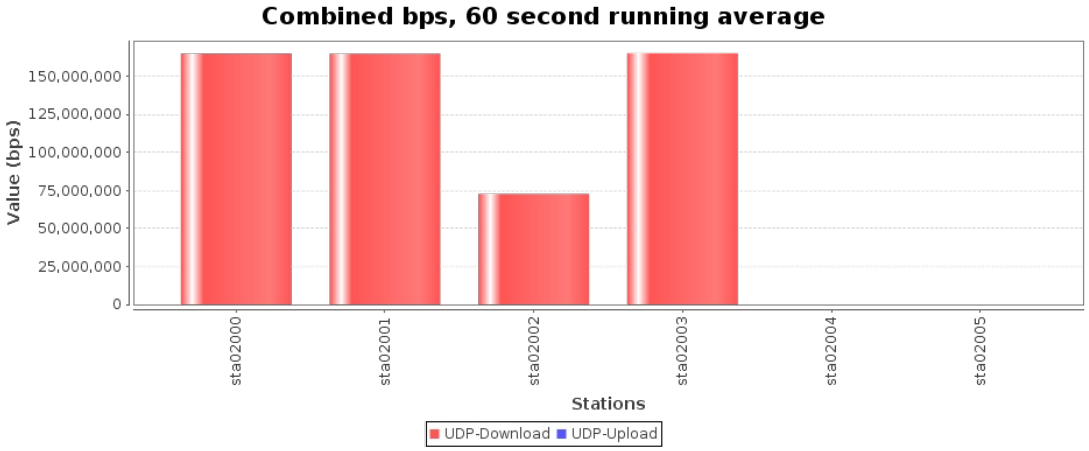


```
Requested Parameters:
Download Rate: Per station: 166666666 (166.667 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                              Total:    1000000000 (   1 Gbps)
Station count: 6   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Amount:
Download Amount:   Cx Min:          0 B  Cx Ave:    682.11 MB  Cx Max:     1.165 GB  All Cx:     3.997 GB
Upload Amount:     Cx Min:          0 B  Cx Ave:          0 B  Cx Max:          0 B  All Cx:          0 B
                                                                                     Total:      3.997 GB
Non-Transmitting endpoints: (2)  udp--1.eth2-01.sta02004-A udp--1.eth2-01.sta02005-A

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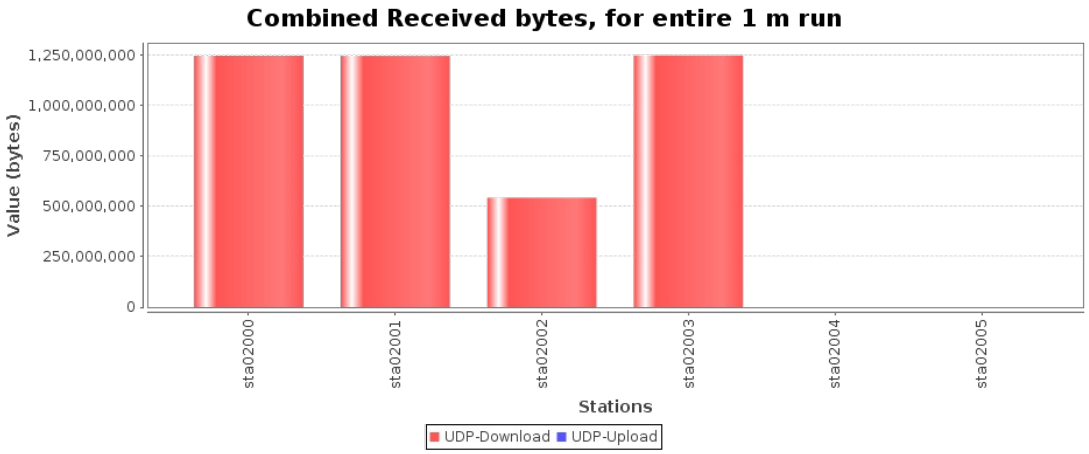


```
Requested Parameters:
Download Rate: Per station: 142857142 (142.857 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                              Total:    1000000000 (   1 Gbps)
Station count: 7   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Rate:
Download Rate:     Cx Min:        0 bps  Cx Ave:  81.231 Mbps  Cx Max: 142.372 Mbps  All Cx: 568.619 Mbps
Upload Rate:       Cx Min:        0 bps  Cx Ave:        0 bps  Cx Max:        0 bps  All Cx:        0 bps
                                                                                     Total: 568.619 Mbps
Aggregated Rate:   Min:           0 bps  Avg:     81.231 Mbps  Max:    142.372 Mbps
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02004-A udp--1.eth2-01.sta02005-A udp--1.eth2-01.sta02006-A

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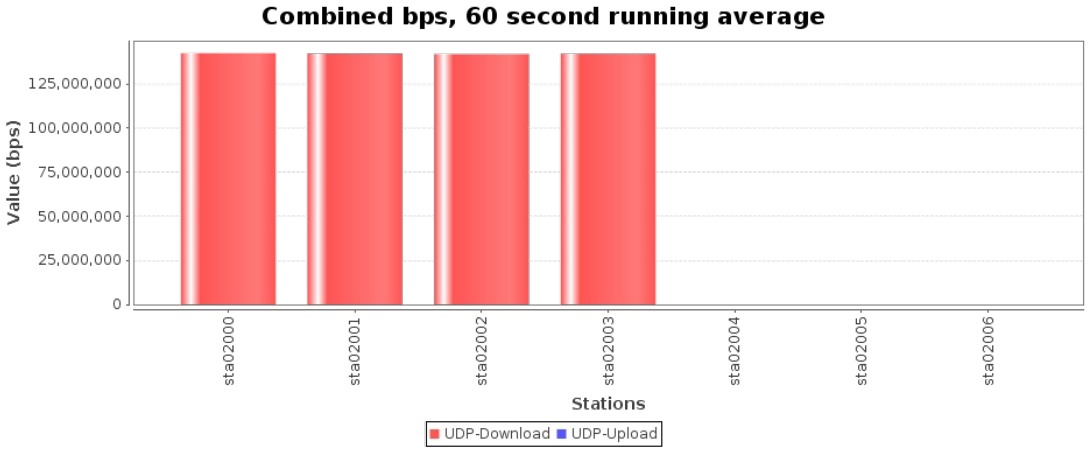
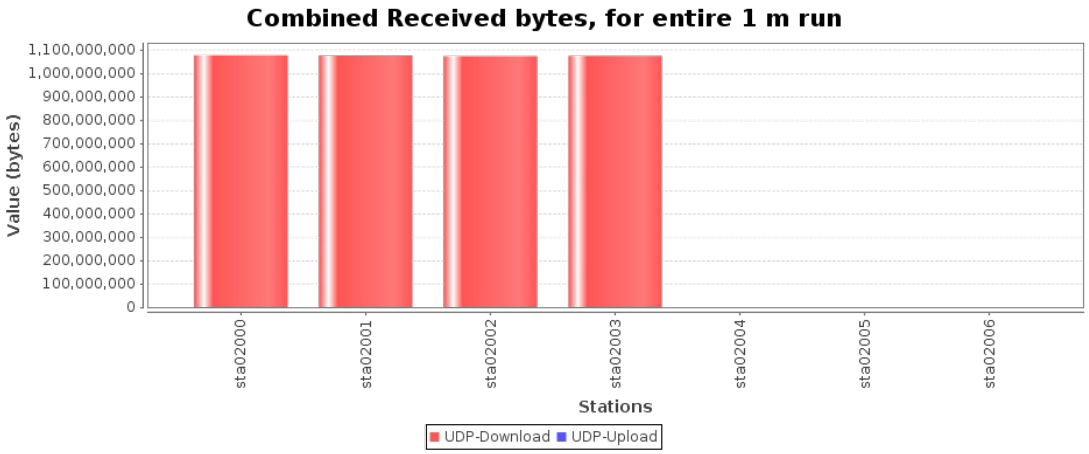
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station: 142857142 (142.857 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                              Total:    1000000000 (   1 Gbps)
Station count: 7   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Amount:
Download Amount:   Cx Min:          0 B  Cx Ave:   585.799 MB  Cx Max:     1.003 GB  All Cx:     4.004 GB
Upload Amount:     Cx Min:          0 B  Cx Ave:          0 B  Cx Max:          0 B  All Cx:          0 B
                                                                                     Total:      4.004 GB
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02004-A udp--1.eth2-01.sta02005-A udp--1.eth2-01.sta02006-A

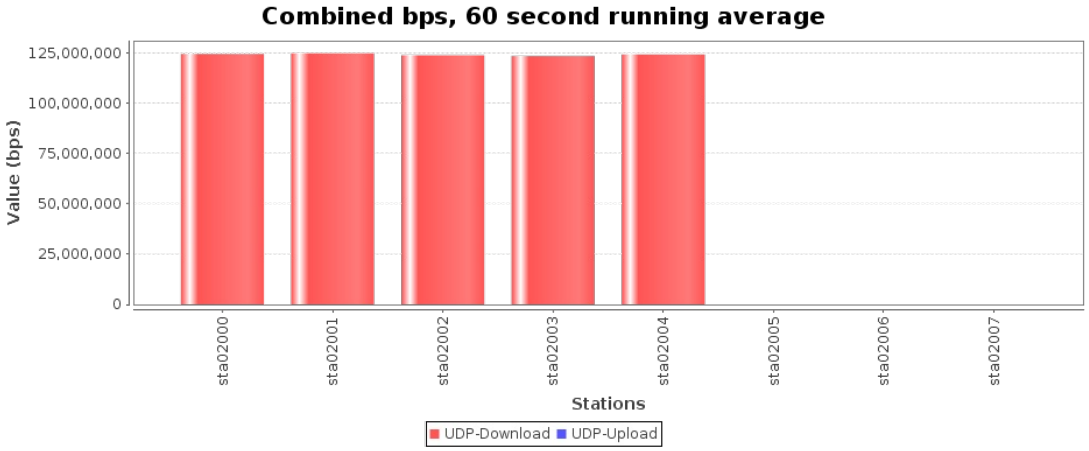
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station: 125000000 ( 125 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                              Total:    1000000000 (   1 Gbps)
Station count: 8   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Rate:
Download Rate:     Cx Min:        0 bps  Cx Ave:  77.598 Mbps  Cx Max: 124.804 Mbps  All Cx: 620.787 Mbps
Upload Rate:       Cx Min:        0 bps  Cx Ave:        0 bps  Cx Max:        0 bps  All Cx:        0 bps
                                                                                     Total: 620.787 Mbps
Aggregated Rate:   Min:           0 bps  Avg:     77.598 Mbps  Max:    124.804 Mbps
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02005-A udp--1.eth2-01.sta02006-A udp--1.eth2-01.sta02007-A

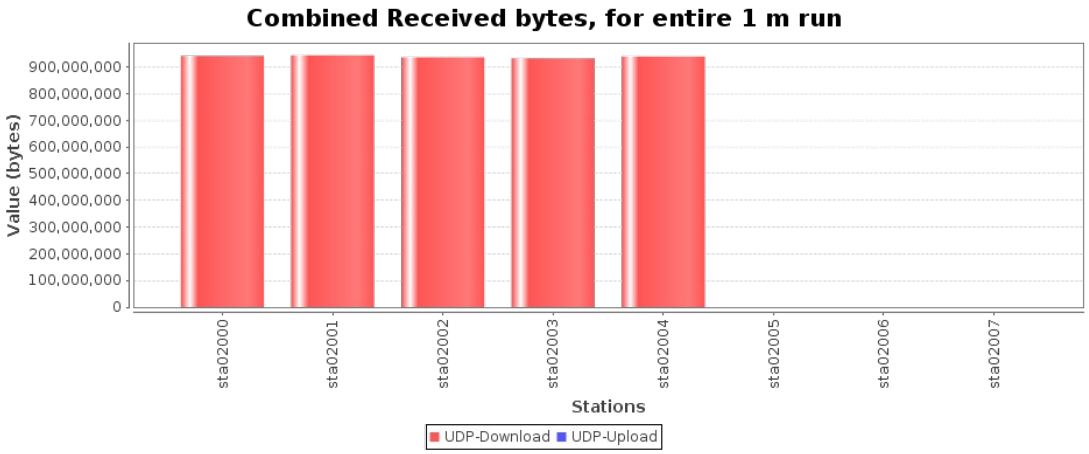
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station: 125000000 ( 125 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                              Total:    1000000000 (   1 Gbps)
Station count: 8   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Amount:
Download Amount:   Cx Min:          0 B  Cx Ave:   559.579 MB  Cx Max:   900.139 MB  All Cx:     4.372 GB
Upload Amount:     Cx Min:          0 B  Cx Ave:          0 B  Cx Max:          0 B  All Cx:          0 B
                                                                                     Total:      4.372 GB
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02005-A udp--1.eth2-01.sta02006-A udp--1.eth2-01.sta02007-A

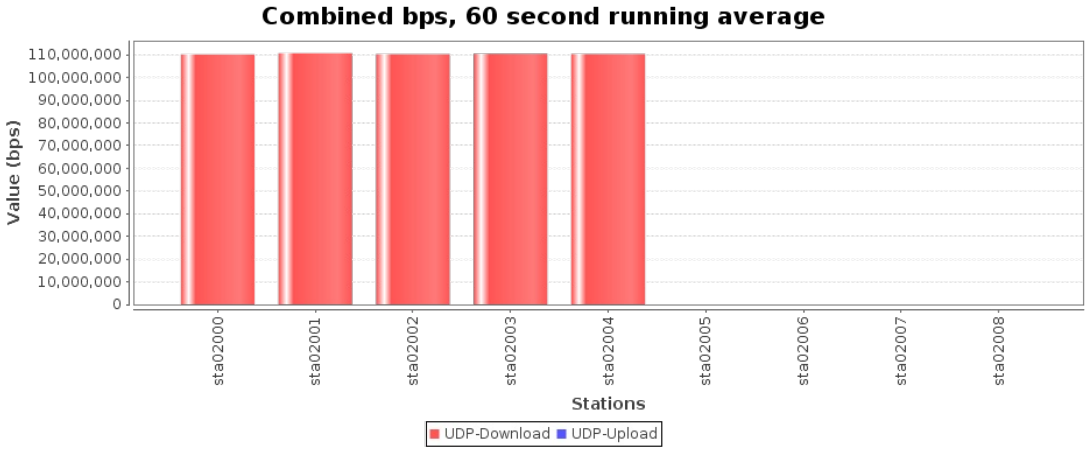
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station: 111111111 (111.111 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                              Total:    1000000000 (   1 Gbps)
Station count: 9   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Rate:
Download Rate:     Cx Min:        0 bps  Cx Ave:  61.382 Mbps  Cx Max: 110.769 Mbps  All Cx: 552.435 Mbps
Upload Rate:       Cx Min:        0 bps  Cx Ave:        0 bps  Cx Max:        0 bps  All Cx:        0 bps
                                                                                     Total: 552.435 Mbps
Aggregated Rate:   Min:           0 bps  Avg:     61.382 Mbps  Max:    110.769 Mbps
Non-Transmitting endpoints: (4)  udp--1.eth2-01.sta02005-A udp--1.eth2-01.sta02006-A udp--1.eth2-01.sta02007-A udp--1.eth2-01.sta02008-A

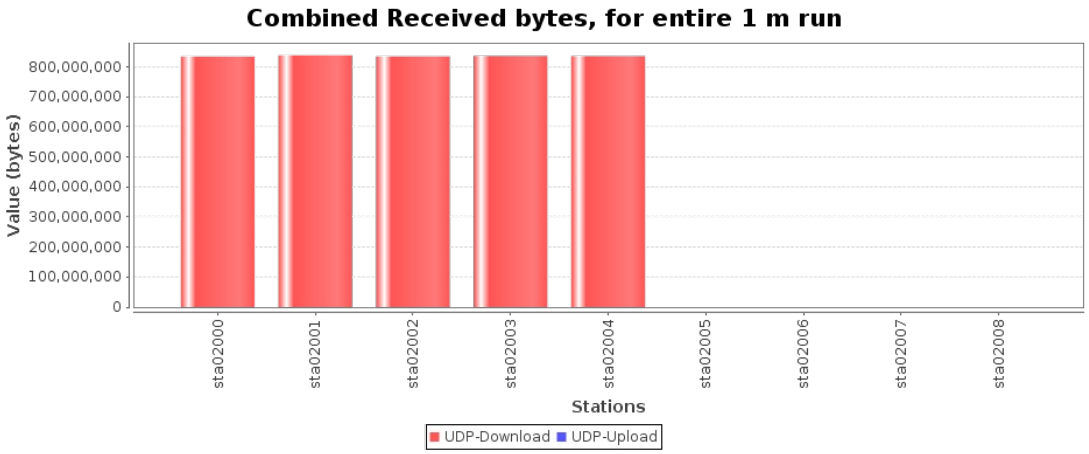
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station: 111111111 (111.111 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                              Total:    1000000000 (   1 Gbps)
Station count: 9   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Amount:
Download Amount:   Cx Min:          0 B  Cx Ave:   442.621 MB  Cx Max:   798.912 MB  All Cx:      3.89 GB
Upload Amount:     Cx Min:          0 B  Cx Ave:          0 B  Cx Max:          0 B  All Cx:         0 B
                                                                                     Total:       3.89 GB
Non-Transmitting endpoints: (4)  udp--1.eth2-01.sta02005-A udp--1.eth2-01.sta02006-A udp--1.eth2-01.sta02007-A udp--1.eth2-01.sta02008-A

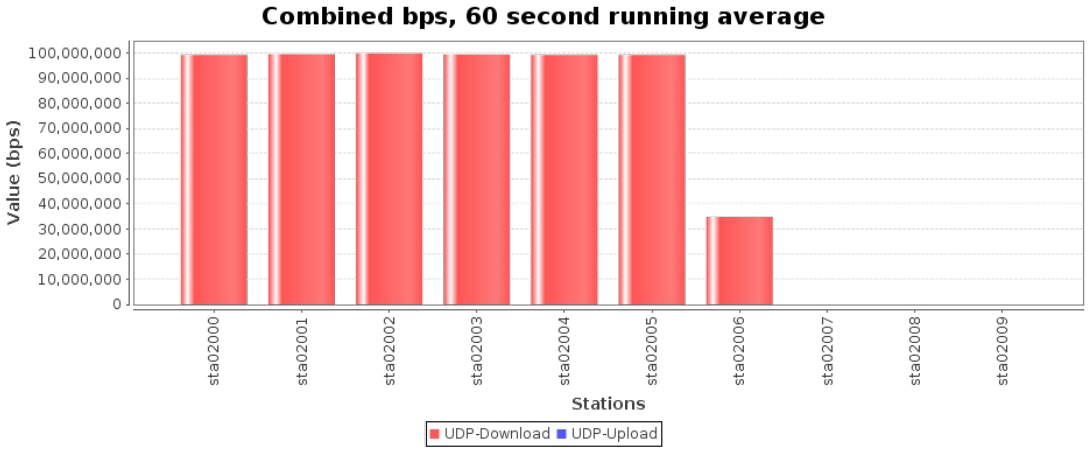
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station: 100000000 ( 100 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                              Total:    1000000000 (   1 Gbps)
Station count: 10   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Rate:
Download Rate:     Cx Min:        0 bps  Cx Ave:  63.119 Mbps  Cx Max:  99.891 Mbps  All Cx: 631.187 Mbps
Upload Rate:       Cx Min:        0 bps  Cx Ave:        0 bps  Cx Max:        0 bps  All Cx:        0 bps
                                                                                     Total: 631.187 Mbps
Aggregated Rate:   Min:           0 bps  Avg:     63.119 Mbps  Max:     99.891 Mbps
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02007-A udp--1.eth2-01.sta02008-A udp--1.eth2-01.sta02009-A

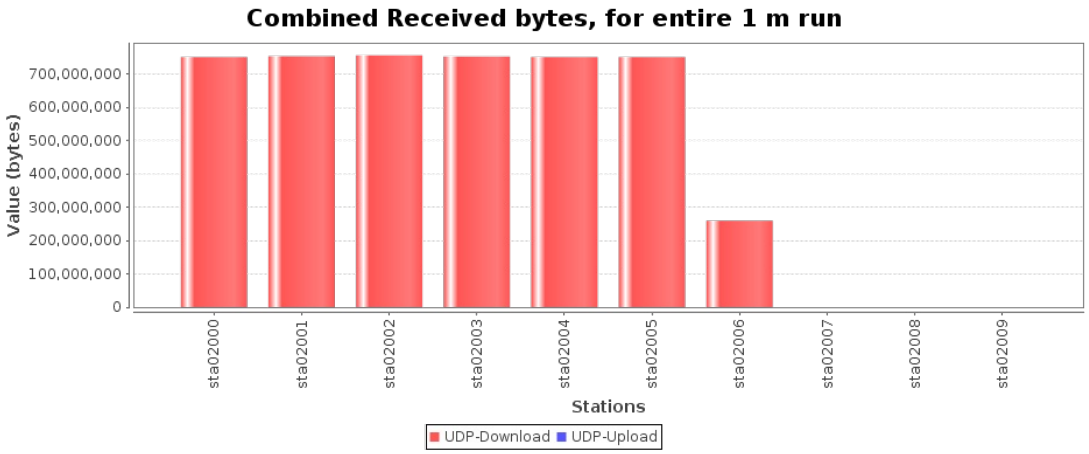
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station: 100000000 ( 100 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                                Total:    1000000000 (   1 Gbps)
Station count: 10   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Amount:
Download Amount:   Cx Min:          0 B  Cx Ave:   454.766 MB  Cx Max:   720.263 MB  All Cx:     4.441 GB
Upload Amount:     Cx Min:          0 B  Cx Ave:          0 B  Cx Max:          0 B  All Cx:          0 B
                                                                                     Total:      4.441 GB
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02007-A udp--1.eth2-01.sta02008-A udp--1.eth2-01.sta02009-A

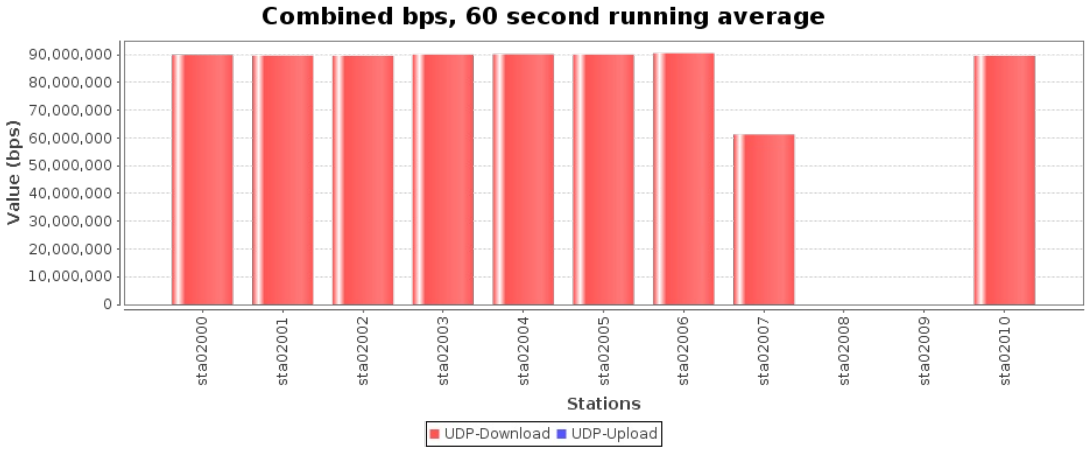
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  90909090 (90.909 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                                Total:    1000000000 (   1 Gbps)
Station count: 11   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Rate:
Download Rate:     Cx Min:        0 bps  Cx Ave:  71.022 Mbps  Cx Max:  90.549 Mbps  All Cx: 781.245 Mbps
Upload Rate:       Cx Min:        0 bps  Cx Ave:        0 bps  Cx Max:        0 bps  All Cx:        0 bps
                                                                                     Total: 781.245 Mbps
Aggregated Rate:   Min:           0 bps  Avg:     71.022 Mbps  Max:     90.549 Mbps
Non-Transmitting endpoints: (2)  udp--1.eth2-01.sta02008-A udp--1.eth2-01.sta02009-A

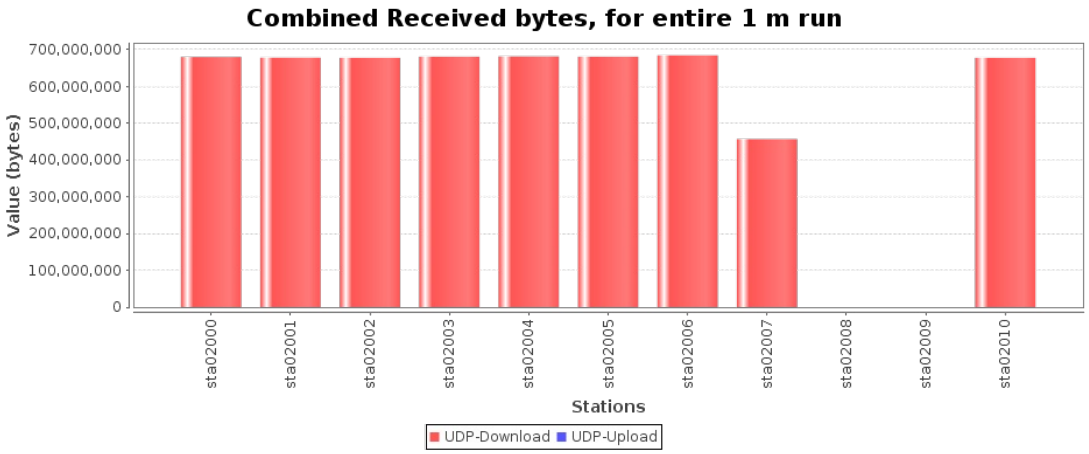
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  90909090 (90.909 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                              Total:    1000000000 (   1 Gbps)
Station count: 11   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Amount:
Download Amount:   Cx Min:          0 B  Cx Ave:   511.605 MB  Cx Max:    653.01 MB  All Cx:     5.496 GB
Upload Amount:     Cx Min:          0 B  Cx Ave:          0 B  Cx Max:          0 B  All Cx:          0 B
                                                                                     Total:      5.496 GB
Non-Transmitting endpoints: (2)  udp--1.eth2-01.sta02008-A udp--1.eth2-01.sta02009-A

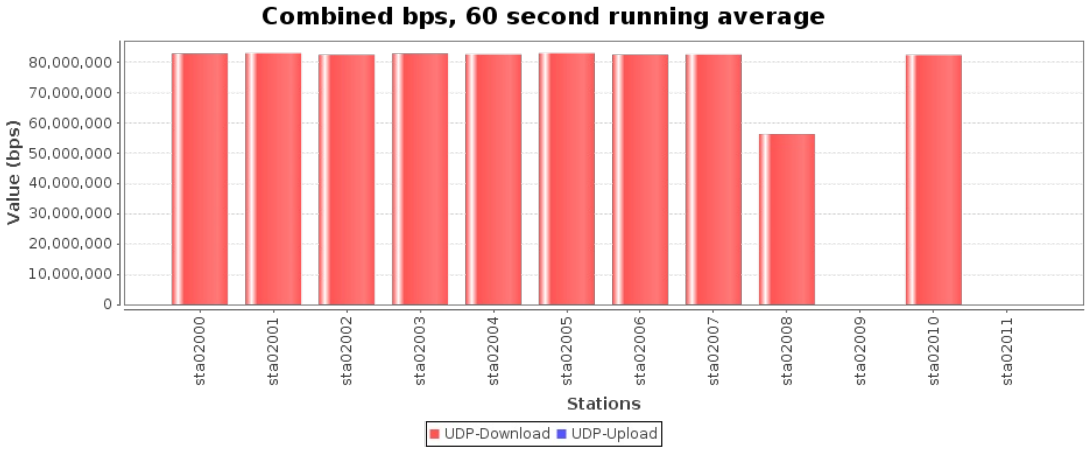
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  83333333 (83.333 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                              Total:    1000000000 (   1 Gbps)
Station count: 12   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Rate:
Download Rate:     Cx Min:        0 bps  Cx Ave:  66.734 Mbps  Cx Max:  83.016 Mbps  All Cx: 800.804 Mbps
Upload Rate:       Cx Min:        0 bps  Cx Ave:        0 bps  Cx Max:        0 bps  All Cx:        0 bps
                                                                                     Total: 800.804 Mbps
Aggregated Rate:   Min:           0 bps  Avg:     66.734 Mbps  Max:     83.016 Mbps
Non-Transmitting endpoints: (2)  udp--1.eth2-01.sta02009-A udp--1.eth2-01.sta02011-A

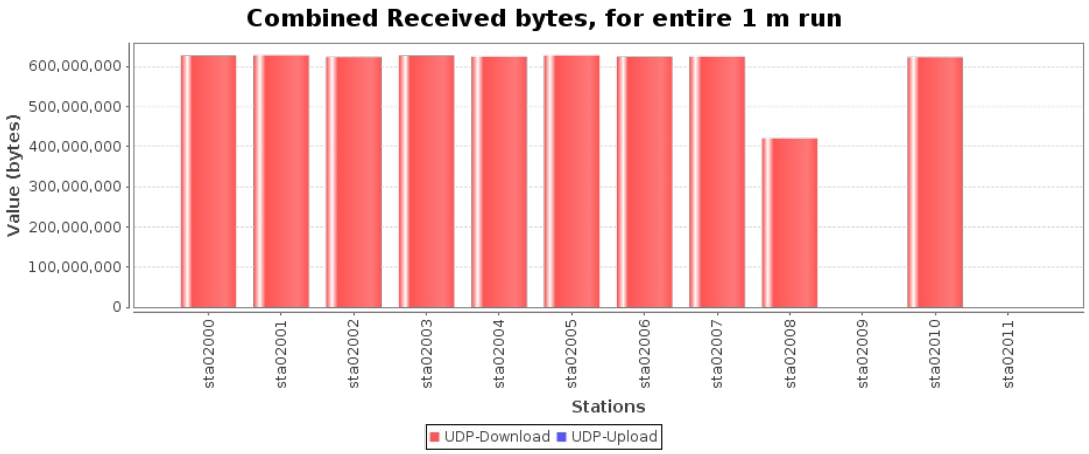
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  83333333 (83.333 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                                Total:    1000000000 (   1 Gbps)
Station count: 12   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Amount:
Download Amount:   Cx Min:          0 B  Cx Ave:   480.769 MB  Cx Max:    598.65 MB  All Cx:     5.634 GB
Upload Amount:     Cx Min:          0 B  Cx Ave:          0 B  Cx Max:          0 B  All Cx:          0 B
                                                                                     Total:      5.634 GB
Non-Transmitting endpoints: (2)  udp--1.eth2-01.sta02009-A udp--1.eth2-01.sta02011-A

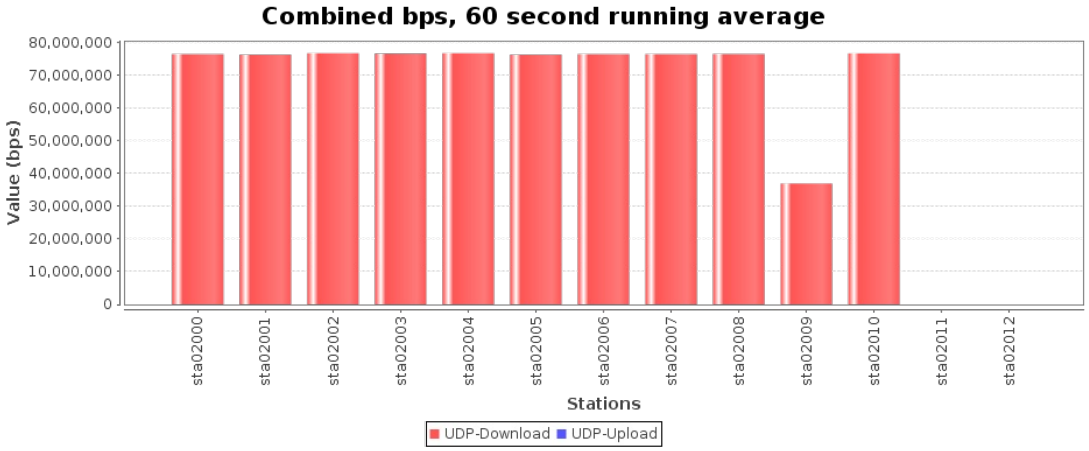
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  76923076 (76.923 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                                Total:    1000000000 (   1 Gbps)
Station count: 13   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Rate:
Download Rate:     Cx Min:        0 bps  Cx Ave:  61.721 Mbps  Cx Max:  76.743 Mbps  All Cx: 802.378 Mbps
Upload Rate:       Cx Min:        0 bps  Cx Ave:        0 bps  Cx Max:        0 bps  All Cx:        0 bps
                                                                                     Total: 802.378 Mbps
Aggregated Rate:   Min:           0 bps  Avg:     61.721 Mbps  Max:     76.743 Mbps
Non-Transmitting endpoints: (2)  udp--1.eth2-01.sta02011-A udp--1.eth2-01.sta02012-A

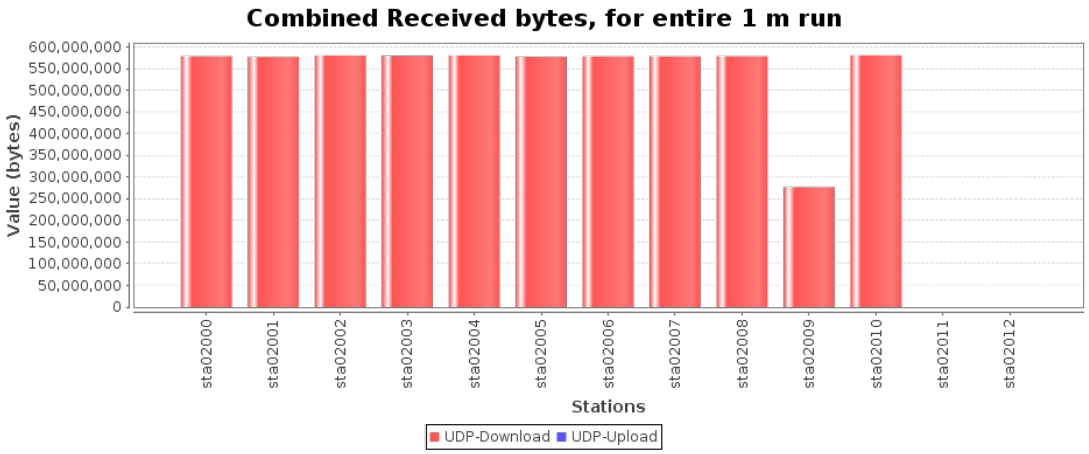
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  76923076 (76.923 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                              Total:    1000000000 (   1 Gbps)
Station count: 13   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Amount:
Download Amount:   Cx Min:          0 B  Cx Ave:   444.927 MB  Cx Max:   553.591 MB  All Cx:     5.648 GB
Upload Amount:     Cx Min:          0 B  Cx Ave:          0 B  Cx Max:          0 B  All Cx:          0 B
                                                                                     Total:      5.648 GB
Non-Transmitting endpoints: (2)  udp--1.eth2-01.sta02011-A udp--1.eth2-01.sta02012-A

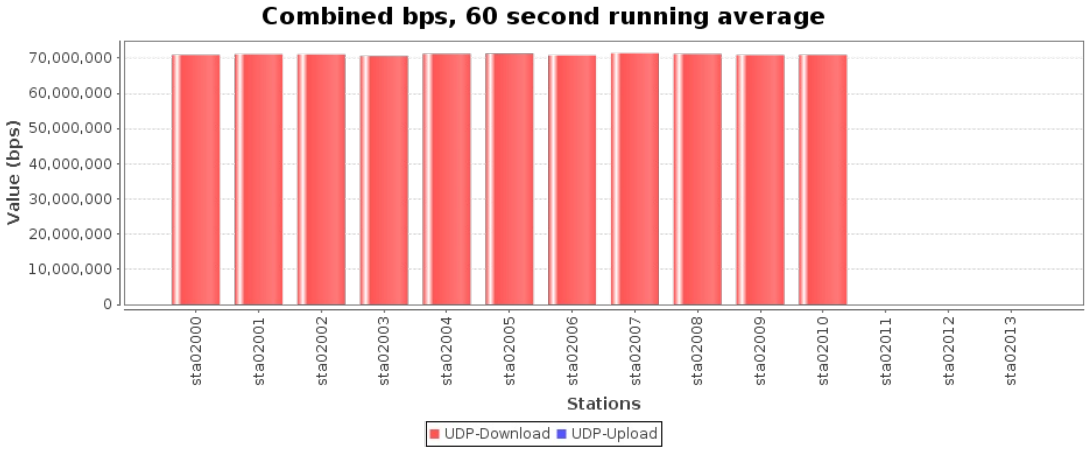
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  71428571 (71.429 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                              Total:    1000000000 (   1 Gbps)
Station count: 14   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Rate:
Download Rate:     Cx Min:        0 bps  Cx Ave:  55.794 Mbps  Cx Max:  71.372 Mbps  All Cx: 781.123 Mbps
Upload Rate:       Cx Min:        0 bps  Cx Ave:        0 bps  Cx Max:        0 bps  All Cx:        0 bps
                                                                                     Total: 781.123 Mbps
Aggregated Rate:   Min:           0 bps  Avg:     55.794 Mbps  Max:     71.372 Mbps
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02011-A udp--1.eth2-01.sta02012-A udp--1.eth2-01.sta02013-A

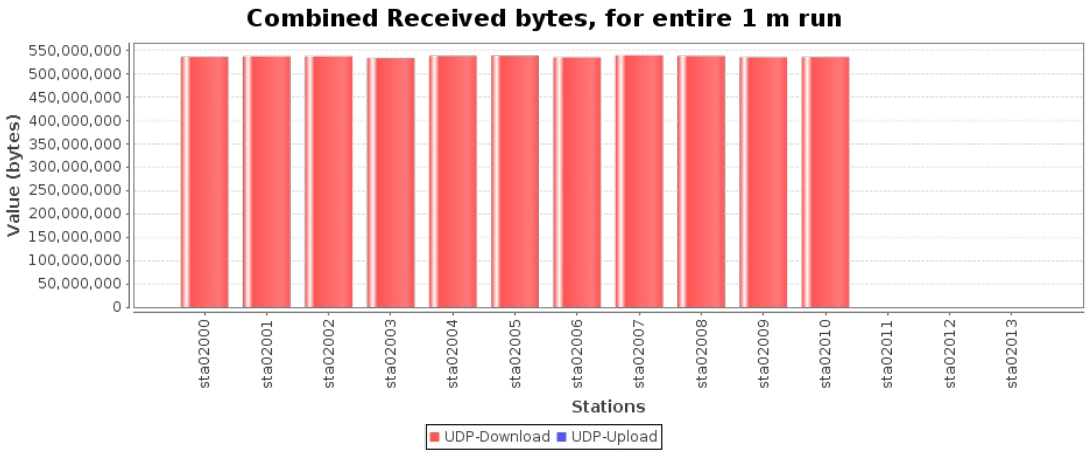
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  71428571 (71.429 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                              Total:    1000000000 (   1 Gbps)
Station count: 14   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Amount:
Download Amount:   Cx Min:          0 B  Cx Ave:   402.309 MB  Cx Max:   514.572 MB  All Cx:       5.5 GB
Upload Amount:     Cx Min:          0 B  Cx Ave:          0 B  Cx Max:          0 B  All Cx:          0 B
                                                                                     Total:        5.5 GB
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02011-A udp--1.eth2-01.sta02012-A udp--1.eth2-01.sta02013-A

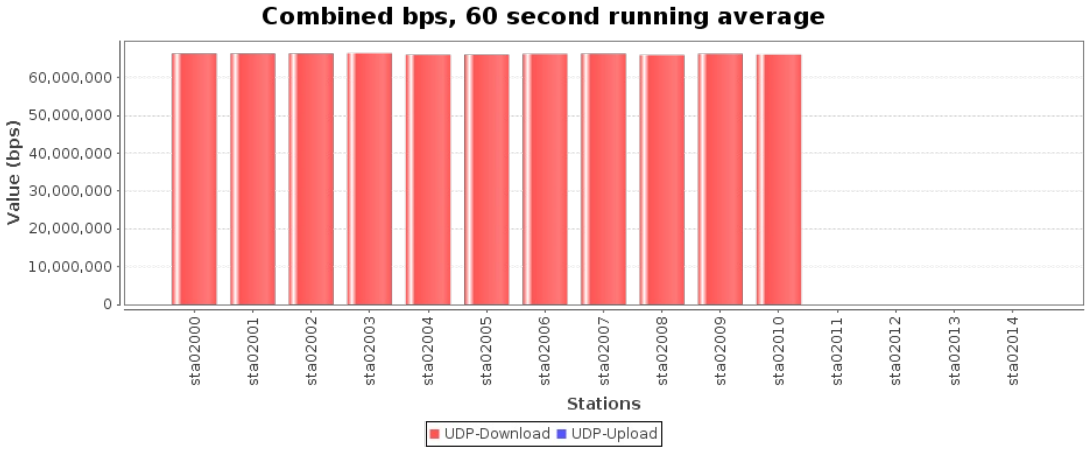
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  66666666 (66.667 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                              Total:    1000000000 (   1 Gbps)
Station count: 15   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Rate:
Download Rate:     Cx Min:        0 bps  Cx Ave:  48.576 Mbps  Cx Max:  66.446 Mbps  All Cx: 728.633 Mbps
Upload Rate:       Cx Min:        0 bps  Cx Ave:        0 bps  Cx Max:        0 bps  All Cx:        0 bps
                                                                                     Total: 728.633 Mbps
Aggregated Rate:   Min:           0 bps  Avg:     48.576 Mbps  Max:     66.446 Mbps
Non-Transmitting endpoints: (4)  udp--1.eth2-01.sta02011-A udp--1.eth2-01.sta02012-A udp--1.eth2-01.sta02013-A udp--1.eth2-01.sta02014-A

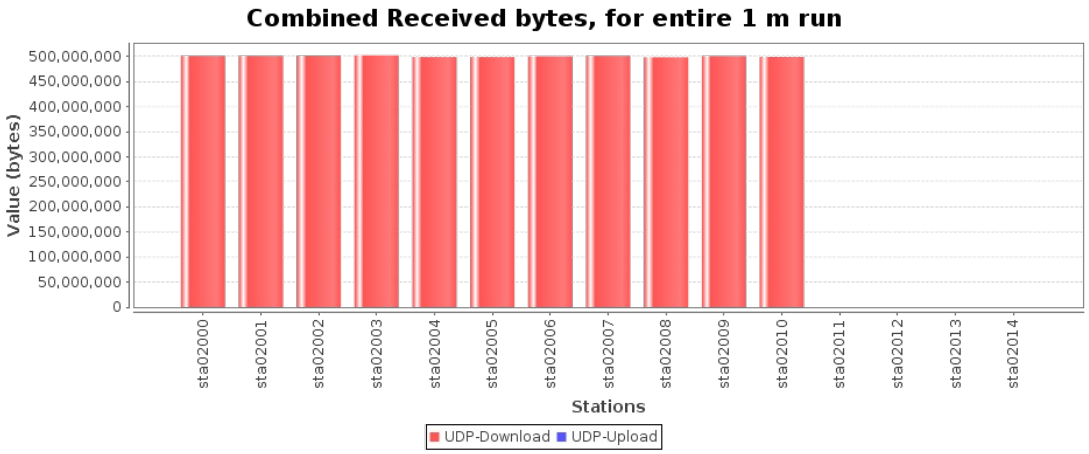
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  66666666 (66.667 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                              Total:    1000000000 (   1 Gbps)
Station count: 15   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Amount:
Download Amount:   Cx Min:          0 B  Cx Ave:   350.247 MB  Cx Max:   479.245 MB  All Cx:     5.131 GB
Upload Amount:     Cx Min:          0 B  Cx Ave:          0 B  Cx Max:          0 B  All Cx:          0 B
                                                                                      Total:      5.131 GB
Non-Transmitting endpoints: (4)  udp--1.eth2-01.sta02011-A udp--1.eth2-01.sta02012-A udp--1.eth2-01.sta02013-A udp--1.eth2-01.sta02014-A

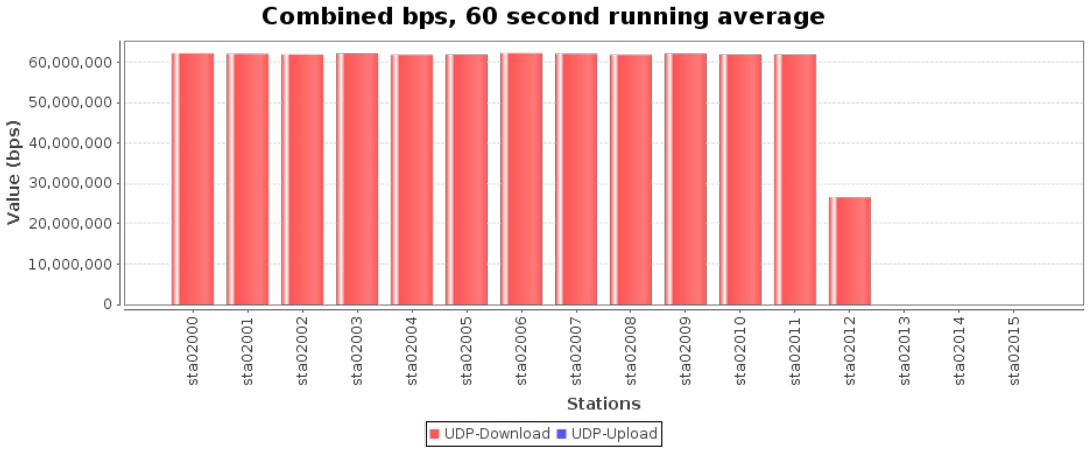
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  62500000 (62.5 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                              Total:    1000000000 (   1 Gbps)
Station count: 16   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Rate:
Download Rate:     Cx Min:        0 bps  Cx Ave:  48.197 Mbps  Cx Max:  62.285 Mbps  All Cx: 771.156 Mbps
Upload Rate:       Cx Min:        0 bps  Cx Ave:        0 bps  Cx Max:        0 bps  All Cx:        0 bps
                                                                                     Total: 771.156 Mbps
Aggregated Rate:   Min:           0 bps  Avg:     48.197 Mbps  Max:     62.285 Mbps
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02013-A udp--1.eth2-01.sta02014-A udp--1.eth2-01.sta02015-A

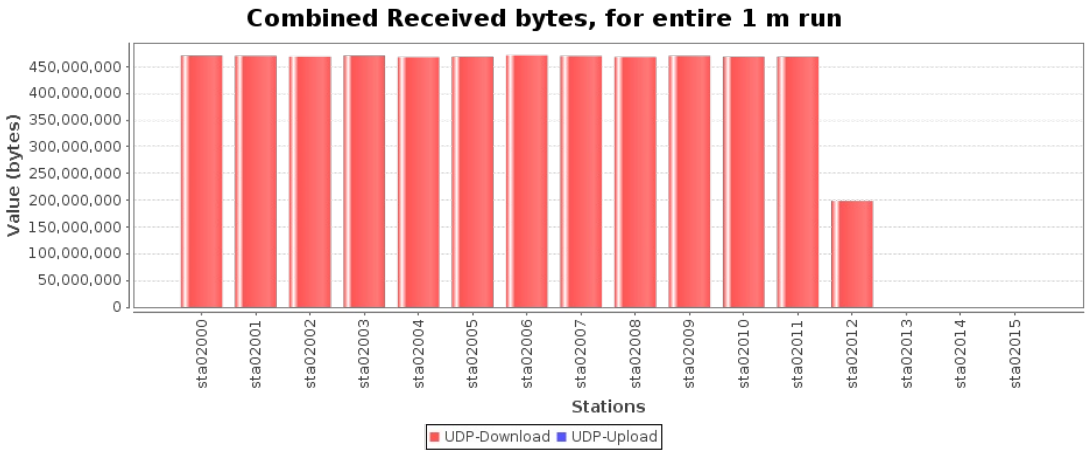
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  62500000 (62.5 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                              Total:    1000000000 (   1 Gbps)
Station count: 16   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Amount:
Download Amount:   Cx Min:          0 B  Cx Ave:   347.482 MB  Cx Max:   449.233 MB  All Cx:     5.429 GB
Upload Amount:     Cx Min:          0 B  Cx Ave:          0 B  Cx Max:          0 B  All Cx:          0 B
                                                                                     Total:      5.429 GB
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02013-A udp--1.eth2-01.sta02014-A udp--1.eth2-01.sta02015-A

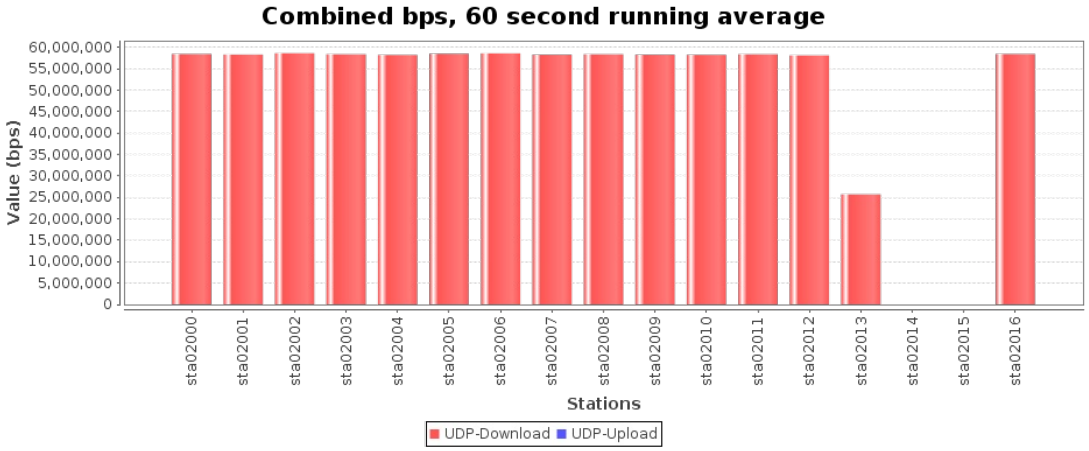
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  58823529 (58.824 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                              Total:    1000000000 (   1 Gbps)
Station count: 17   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Rate:
Download Rate:     Cx Min:        0 bps  Cx Ave:  49.569 Mbps  Cx Max:  58.607 Mbps  All Cx:  842.67 Mbps
Upload Rate:       Cx Min:        0 bps  Cx Ave:        0 bps  Cx Max:        0 bps  All Cx:        0 bps
                                                                                     Total:  842.67 Mbps
Aggregated Rate:   Min:           0 bps  Avg:     49.569 Mbps  Max:     58.607 Mbps
Non-Transmitting endpoints: (2)  udp--1.eth2-01.sta02014-A udp--1.eth2-01.sta02015-A

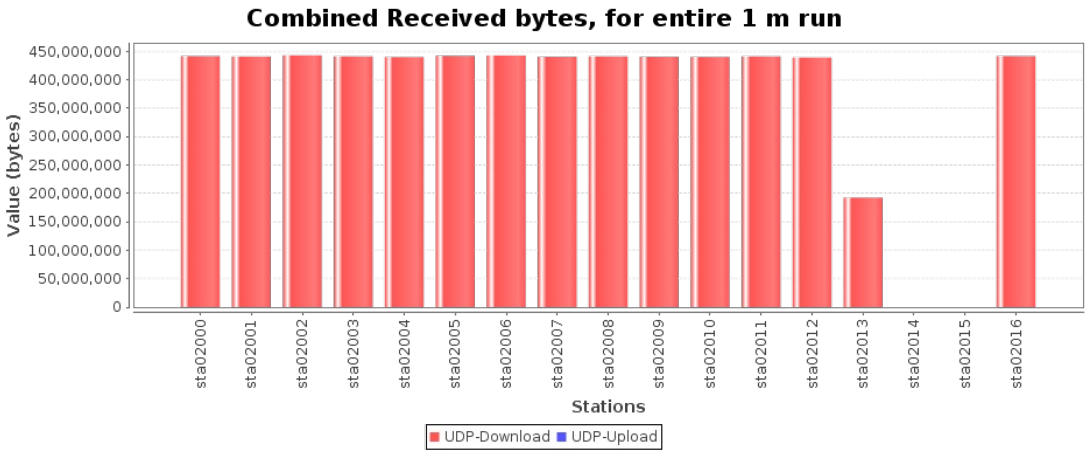
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  58823529 (58.824 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                              Total:    1000000000 (   1 Gbps)
Station count: 17   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Amount:
Download Amount:   Cx Min:          0 B  Cx Ave:   357.411 MB  Cx Max:     422.6 MB  All Cx:     5.934 GB
Upload Amount:     Cx Min:          0 B  Cx Ave:          0 B  Cx Max:          0 B  All Cx:          0 B
                                                                                     Total:      5.934 GB
Non-Transmitting endpoints: (2)  udp--1.eth2-01.sta02014-A udp--1.eth2-01.sta02015-A

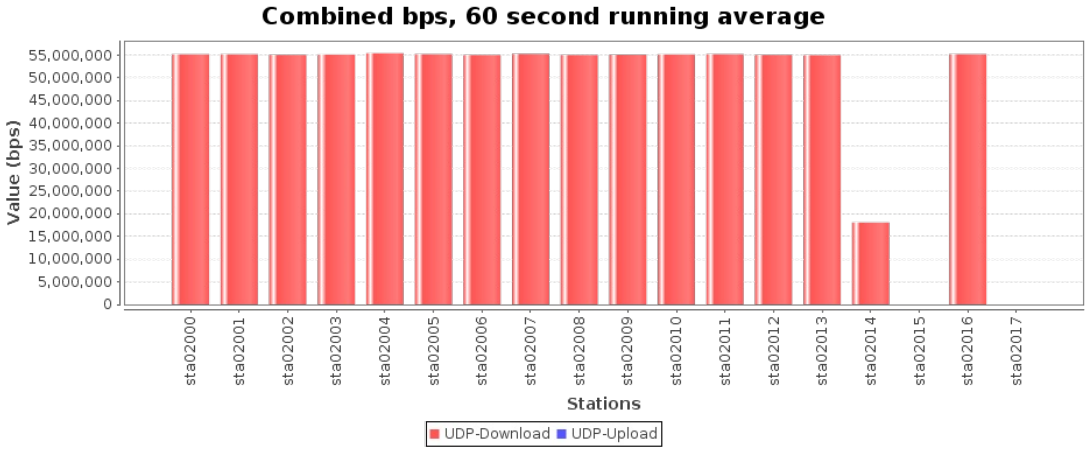
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  55555555 (55.556 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                              Total:    1000000000 (   1 Gbps)
Station count: 18   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Rate:
Download Rate:     Cx Min:        0 bps  Cx Ave:  46.985 Mbps  Cx Max:  55.434 Mbps  All Cx: 845.737 Mbps
Upload Rate:       Cx Min:        0 bps  Cx Ave:        0 bps  Cx Max:        0 bps  All Cx:        0 bps
                                                                                     Total: 845.737 Mbps
Aggregated Rate:   Min:           0 bps  Avg:     46.985 Mbps  Max:     55.434 Mbps
Non-Transmitting endpoints: (2)  udp--1.eth2-01.sta02015-A udp--1.eth2-01.sta02017-A

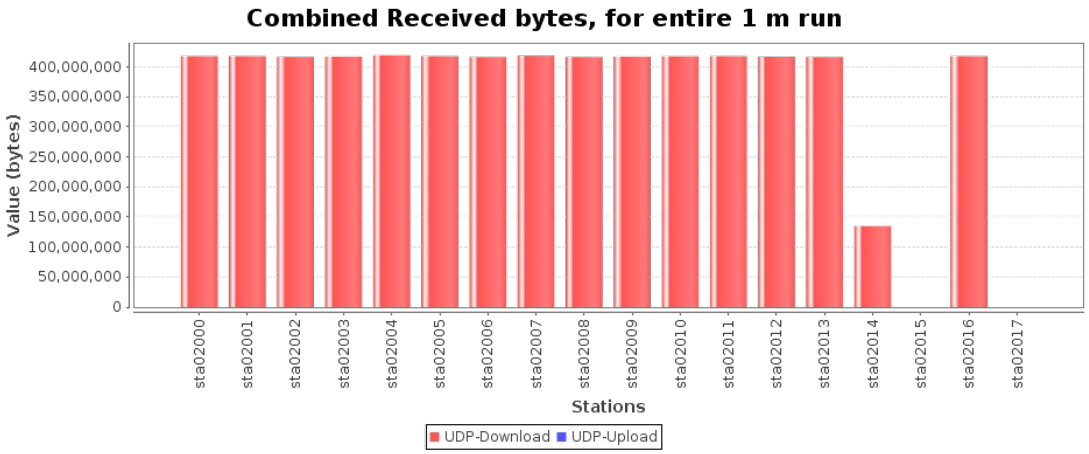
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  55555555 (55.556 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                              Total:    1000000000 (   1 Gbps)
Station count: 18   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Amount:
Download Amount:   Cx Min:          0 B  Cx Ave:   338.693 MB  Cx Max:   399.625 MB  All Cx:     5.954 GB
Upload Amount:     Cx Min:          0 B  Cx Ave:          0 B  Cx Max:          0 B  All Cx:          0 B
                                                                                     Total:      5.954 GB
Non-Transmitting endpoints: (2)  udp--1.eth2-01.sta02015-A udp--1.eth2-01.sta02017-A

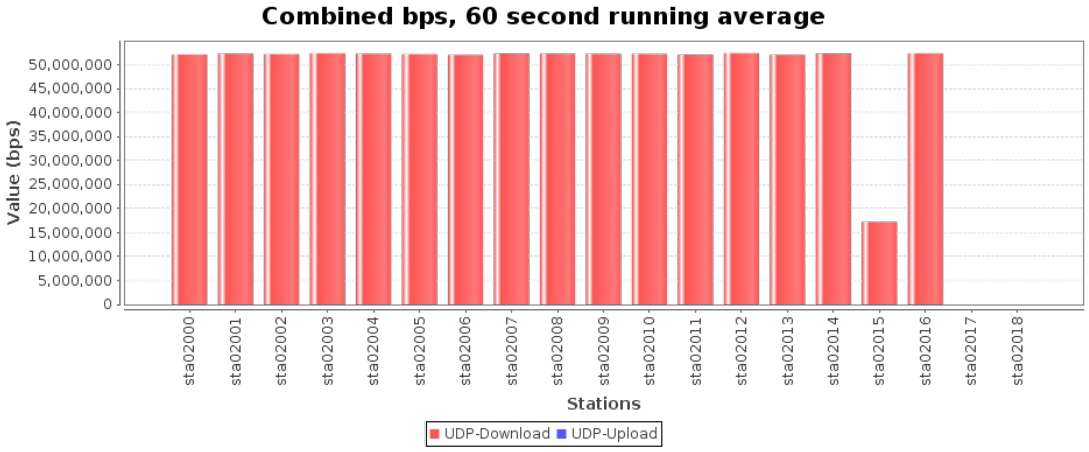
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  52631578 (52.632 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                              Total:    1000000000 (   1 Gbps)
Station count: 19   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Rate:
Download Rate:     Cx Min:        0 bps  Cx Ave:  44.882 Mbps  Cx Max:  52.373 Mbps  All Cx: 852.752 Mbps
Upload Rate:       Cx Min:        0 bps  Cx Ave:        0 bps  Cx Max:        0 bps  All Cx:        0 bps
                                                                                     Total: 852.752 Mbps
Aggregated Rate:   Min:           0 bps  Avg:     44.882 Mbps  Max:     52.373 Mbps
Non-Transmitting endpoints: (2)  udp--1.eth2-01.sta02017-A udp--1.eth2-01.sta02018-A

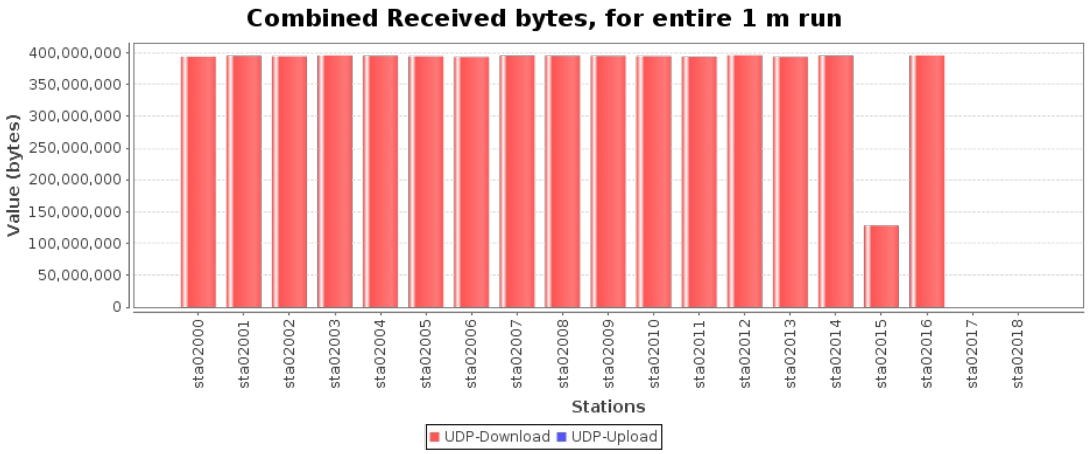
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  52631578 (52.632 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                              Total:    1000000000 (   1 Gbps)
Station count: 19   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Amount:
Download Amount:   Cx Min:          0 B  Cx Ave:   323.599 MB  Cx Max:   377.744 MB  All Cx:     6.004 GB
Upload Amount:     Cx Min:          0 B  Cx Ave:          0 B  Cx Max:          0 B  All Cx:          0 B
                                                                                     Total:      6.004 GB
Non-Transmitting endpoints: (2)  udp--1.eth2-01.sta02017-A udp--1.eth2-01.sta02018-A

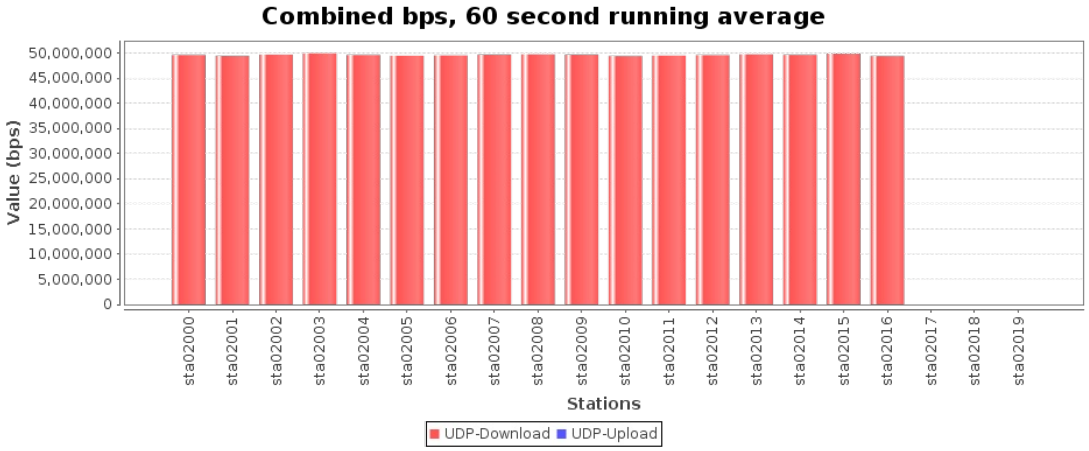
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  50000000 (  50 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                              Total:    1000000000 (   1 Gbps)
Station count: 20   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Rate:
Download Rate:     Cx Min:        0 bps  Cx Ave:  42.191 Mbps  Cx Max:  49.969 Mbps  All Cx: 843.813 Mbps
Upload Rate:       Cx Min:        0 bps  Cx Ave:        0 bps  Cx Max:        0 bps  All Cx:        0 bps
                                                                                     Total: 843.813 Mbps
Aggregated Rate:   Min:           0 bps  Avg:     42.191 Mbps  Max:     49.969 Mbps
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02017-A udp--1.eth2-01.sta02018-A udp--1.eth2-01.sta02019-A

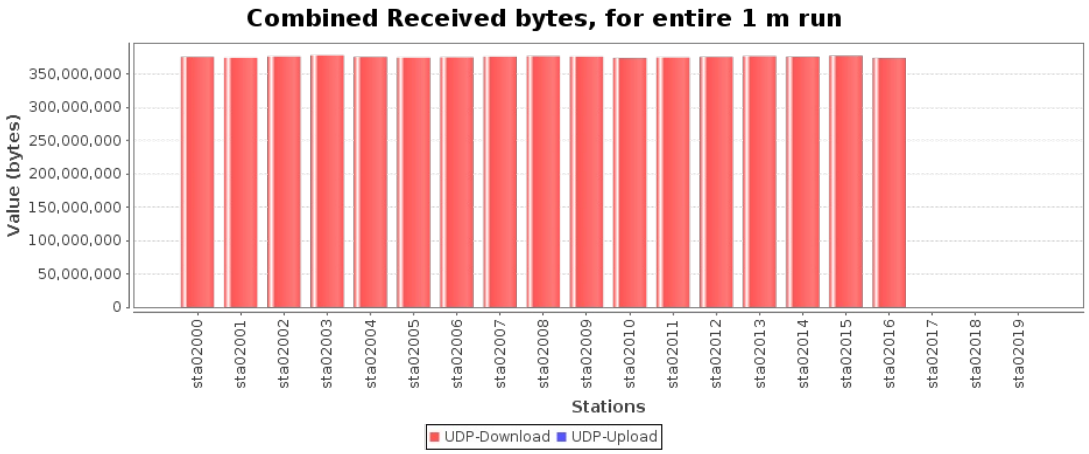
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  50000000 (  50 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                              Total:    1000000000 (   1 Gbps)
Station count: 20   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Amount:
Download Amount:   Cx Min:          0 B  Cx Ave:   304.349 MB  Cx Max:   360.271 MB  All Cx:     5.944 GB
Upload Amount:     Cx Min:          0 B  Cx Ave:          0 B  Cx Max:          0 B  All Cx:          0 B
                                                                                     Total:      5.944 GB
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02017-A udp--1.eth2-01.sta02018-A udp--1.eth2-01.sta02019-A

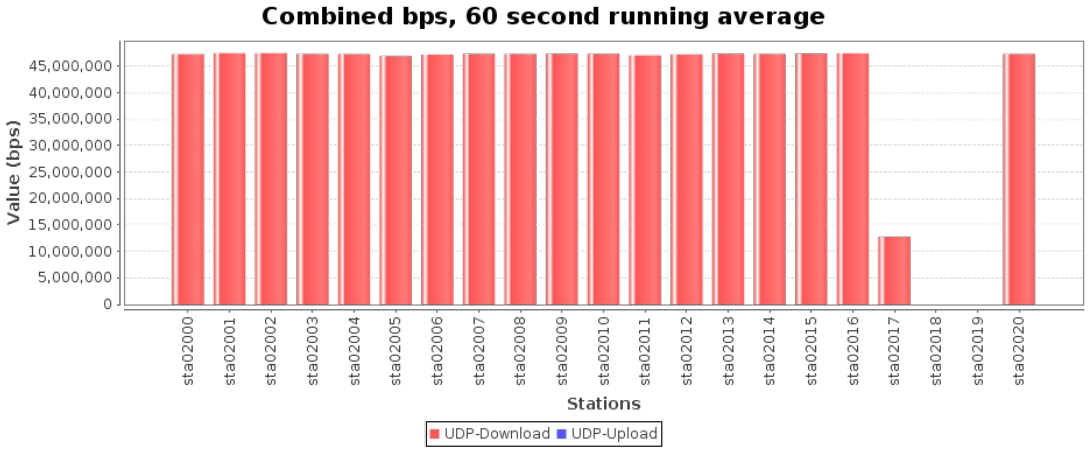
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  47619047 (47.619 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                              Total:    1000000000 (   1 Gbps)
Station count: 21   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Rate:
Download Rate:     Cx Min:        0 bps  Cx Ave:  41.147 Mbps  Cx Max:  47.448 Mbps  All Cx: 864.087 Mbps
Upload Rate:       Cx Min:        0 bps  Cx Ave:        0 bps  Cx Max:        0 bps  All Cx:        0 bps
                                                                                     Total: 864.087 Mbps
Aggregated Rate:   Min:           0 bps  Avg:     41.147 Mbps  Max:     47.448 Mbps
Non-Transmitting endpoints: (2)  udp--1.eth2-01.sta02018-A udp--1.eth2-01.sta02019-A

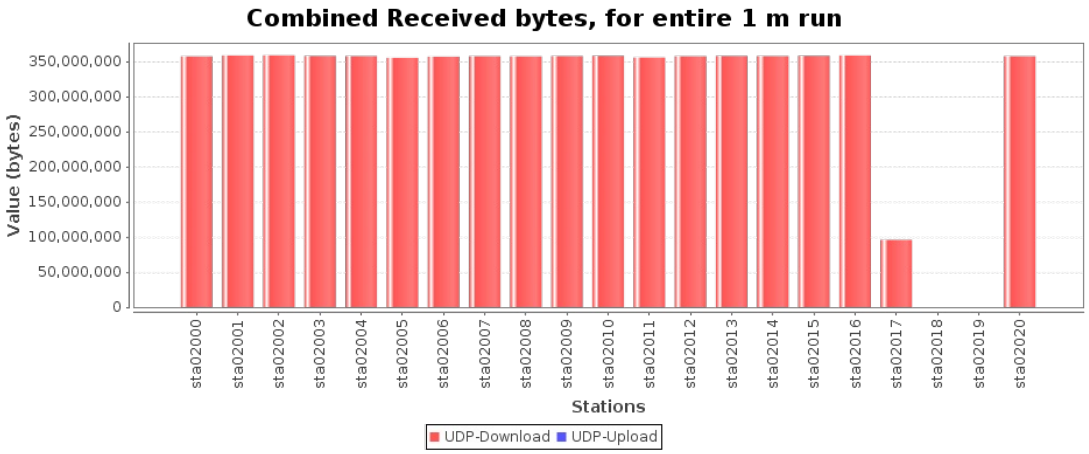
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  47619047 (47.619 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                                Total:    1000000000 (   1 Gbps)
Station count: 21   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Amount:
Download Amount:   Cx Min:          0 B  Cx Ave:   296.629 MB  Cx Max:   342.145 MB  All Cx:     6.083 GB
Upload Amount:     Cx Min:          0 B  Cx Ave:          0 B  Cx Max:          0 B  All Cx:          0 B
                                                                                     Total:      6.083 GB
Non-Transmitting endpoints: (2)  udp--1.eth2-01.sta02018-A udp--1.eth2-01.sta02019-A

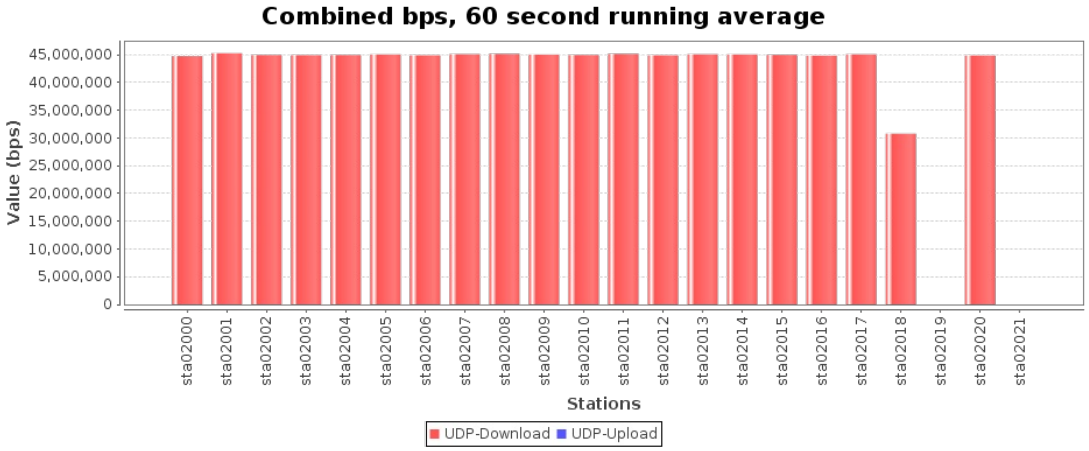
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  45454545 (45.455 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                                Total:    1000000000 (   1 Gbps)
Station count: 22   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Rate:
Download Rate:     Cx Min:        0 bps  Cx Ave:  40.303 Mbps  Cx Max:  45.309 Mbps  All Cx: 886.667 Mbps
Upload Rate:       Cx Min:        0 bps  Cx Ave:        0 bps  Cx Max:        0 bps  All Cx:        0 bps
                                                                                     Total: 886.667 Mbps
Aggregated Rate:   Min:           0 bps  Avg:     40.303 Mbps  Max:     45.309 Mbps
Non-Transmitting endpoints: (2)  udp--1.eth2-01.sta02019-A udp--1.eth2-01.sta02021-A

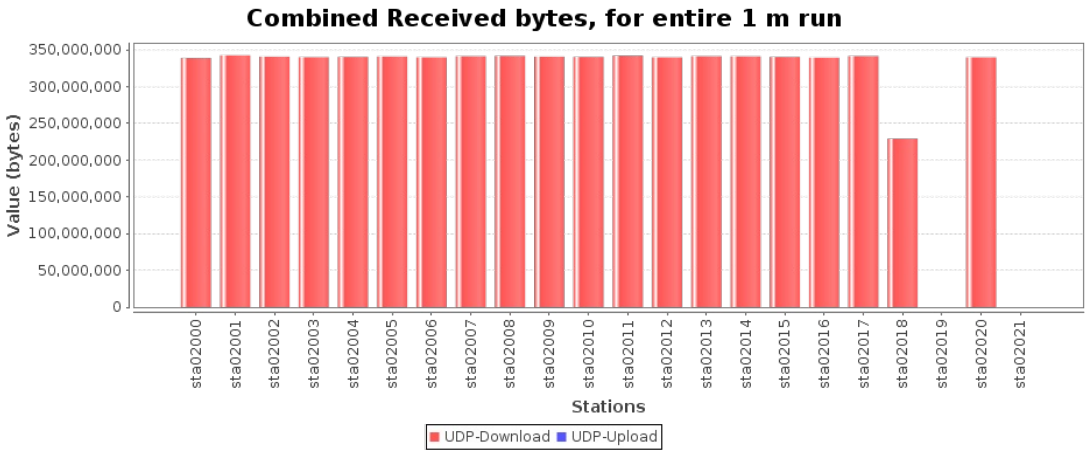
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  45454545 (45.455 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                              Total:    1000000000 (   1 Gbps)
Station count: 22   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Amount:
Download Amount:   Cx Min:          0 B  Cx Ave:   290.655 MB  Cx Max:   326.807 MB  All Cx:     6.245 GB
Upload Amount:     Cx Min:          0 B  Cx Ave:          0 B  Cx Max:          0 B  All Cx:          0 B
                                                                                     Total:      6.245 GB
Non-Transmitting endpoints: (2)  udp--1.eth2-01.sta02019-A udp--1.eth2-01.sta02021-A

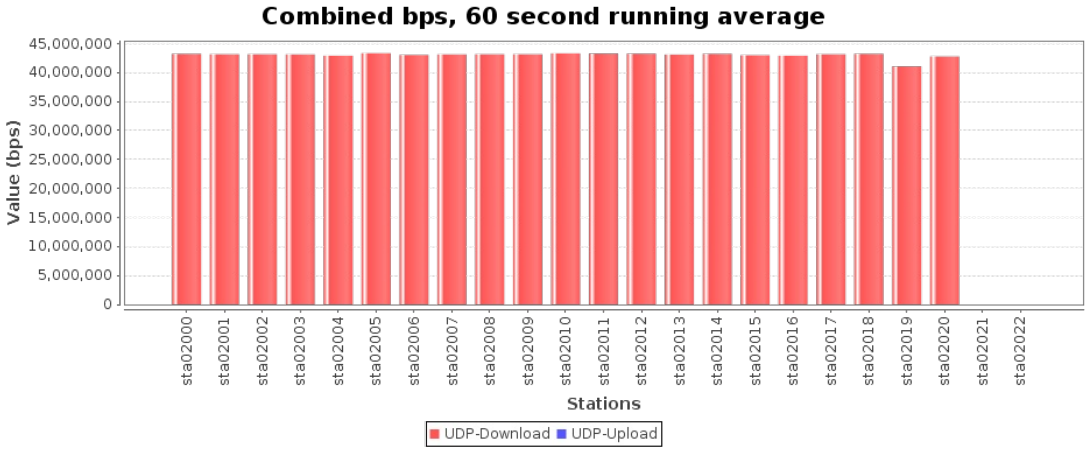
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  43478260 (43.478 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                              Total:    1000000000 (   1 Gbps)
Station count: 23   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Rate:
Download Rate:     Cx Min:        0 bps  Cx Ave:  39.278 Mbps  Cx Max:  43.313 Mbps  All Cx: 903.388 Mbps
Upload Rate:       Cx Min:        0 bps  Cx Ave:        0 bps  Cx Max:        0 bps  All Cx:        0 bps
                                                                                     Total: 903.388 Mbps
Aggregated Rate:   Min:           0 bps  Avg:     39.278 Mbps  Max:     43.313 Mbps
Non-Transmitting endpoints: (2)  udp--1.eth2-01.sta02021-A udp--1.eth2-01.sta02022-A

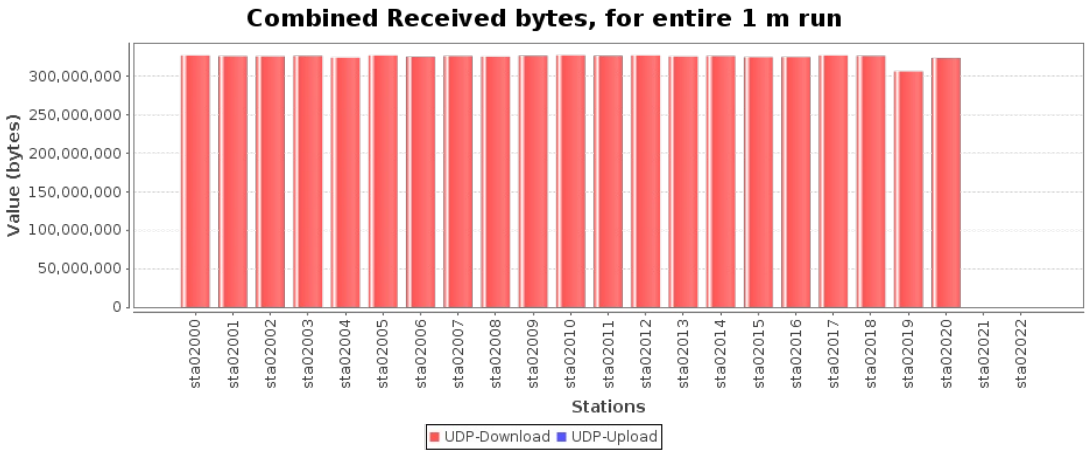
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  43478260 (43.478 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                              Total:    1000000000 (   1 Gbps)
Station count: 23   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Amount:
Download Amount:   Cx Min:          0 B  Cx Ave:   283.335 MB  Cx Max:   312.342 MB  All Cx:     6.364 GB
Upload Amount:     Cx Min:          0 B  Cx Ave:          0 B  Cx Max:          0 B  All Cx:          0 B
                                                                                     Total:      6.364 GB
Non-Transmitting endpoints: (2)  udp--1.eth2-01.sta02021-A udp--1.eth2-01.sta02022-A

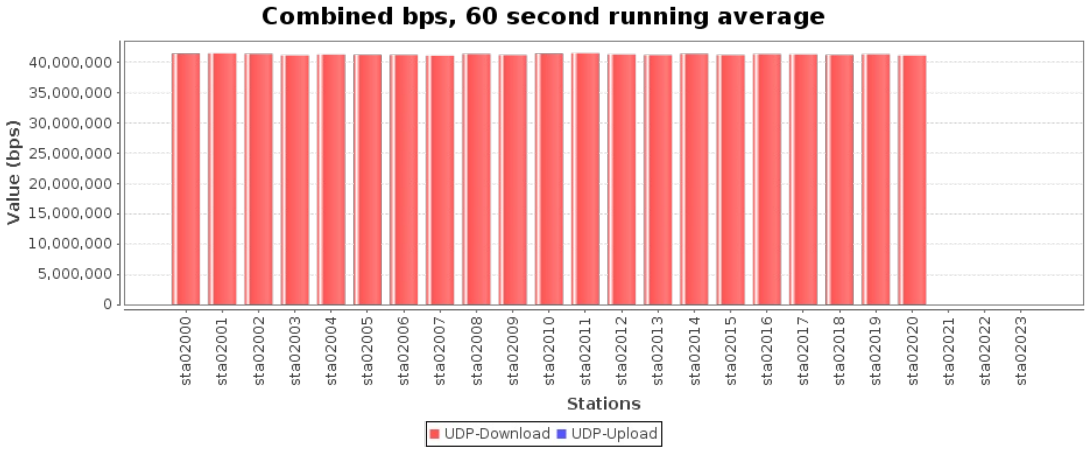
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  41666666 (41.667 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                              Total:    1000000000 (   1 Gbps)
Station count: 24   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Rate:
Download Rate:     Cx Min:        0 bps  Cx Ave:  36.177 Mbps  Cx Max:  41.547 Mbps  All Cx: 868.242 Mbps
Upload Rate:       Cx Min:        0 bps  Cx Ave:        0 bps  Cx Max:        0 bps  All Cx:        0 bps
                                                                                     Total: 868.242 Mbps
Aggregated Rate:   Min:           0 bps  Avg:     36.177 Mbps  Max:     41.547 Mbps
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02021-A udp--1.eth2-01.sta02022-A udp--1.eth2-01.sta02023-A

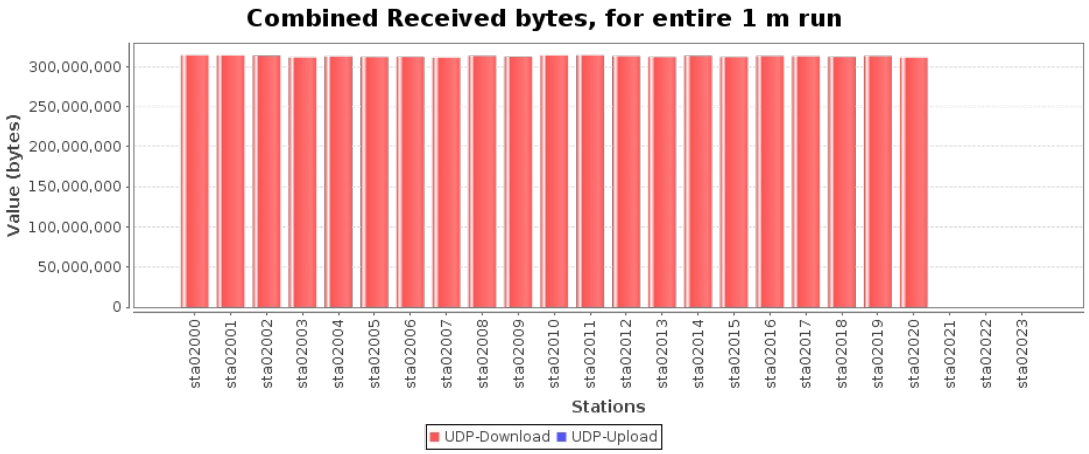
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  41666666 (41.667 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                              Total:    1000000000 (   1 Gbps)
Station count: 24   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Amount:
Download Amount:   Cx Min:          0 B  Cx Ave:   260.946 MB  Cx Max:   299.517 MB  All Cx:     6.116 GB
Upload Amount:     Cx Min:          0 B  Cx Ave:          0 B  Cx Max:          0 B  All Cx:          0 B
                                                                                     Total:      6.116 GB
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02021-A udp--1.eth2-01.sta02022-A udp--1.eth2-01.sta02023-A

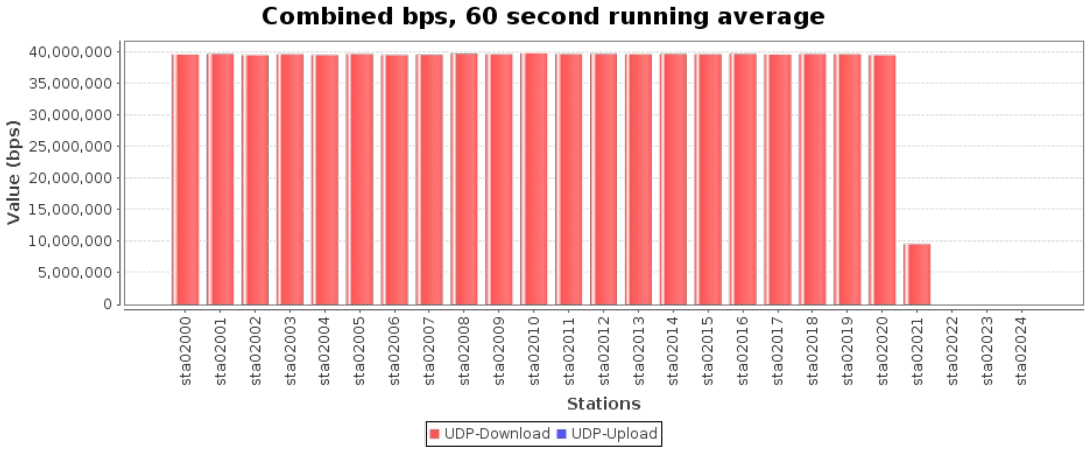
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  40000000 (  40 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                              Total:    1000000000 (   1 Gbps)
Station count: 25   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Rate:
Download Rate:     Cx Min:        0 bps  Cx Ave:  33.693 Mbps  Cx Max:  39.832 Mbps  All Cx: 842.336 Mbps
Upload Rate:       Cx Min:        0 bps  Cx Ave:        0 bps  Cx Max:        0 bps  All Cx:        0 bps
                                                                                     Total: 842.336 Mbps
Aggregated Rate:   Min:           0 bps  Avg:     33.693 Mbps  Max:     39.832 Mbps
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02022-A udp--1.eth2-01.sta02023-A udp--1.eth2-01.sta02024-A

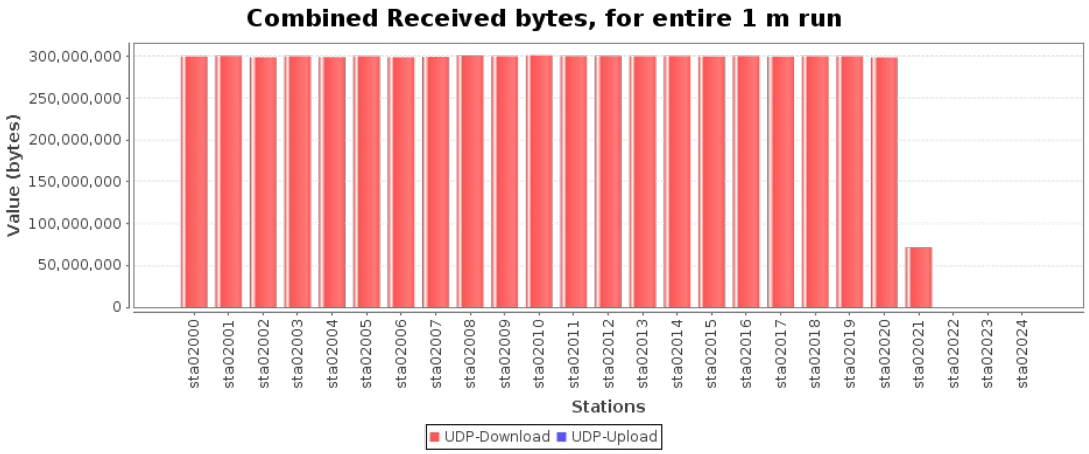
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  40000000 (  40 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                              Total:    1000000000 (   1 Gbps)
Station count: 25   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Amount:
Download Amount:   Cx Min:          0 B  Cx Ave:   243.047 MB  Cx Max:   287.249 MB  All Cx:     5.934 GB
Upload Amount:     Cx Min:          0 B  Cx Ave:          0 B  Cx Max:          0 B  All Cx:          0 B
                                                                                     Total:      5.934 GB
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02022-A udp--1.eth2-01.sta02023-A udp--1.eth2-01.sta02024-A

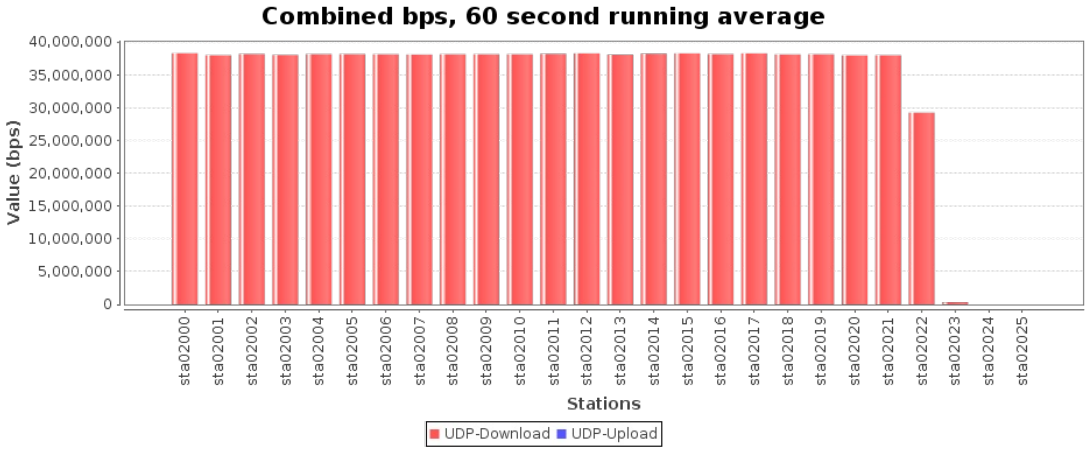
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  38461538 (38.462 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                              Total:    1000000000 (   1 Gbps)
Station count: 26   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Rate:
Download Rate:     Cx Min:        0 bps  Cx Ave:  33.435 Mbps  Cx Max:  38.316 Mbps  All Cx: 869.311 Mbps
Upload Rate:       Cx Min:        0 bps  Cx Ave:        0 bps  Cx Max:        0 bps  All Cx:        0 bps
                                                                                     Total: 869.311 Mbps
Aggregated Rate:   Min:           0 bps  Avg:     33.435 Mbps  Max:     38.316 Mbps
Non-Transmitting endpoints: (2)  udp--1.eth2-01.sta02024-A udp--1.eth2-01.sta02025-A

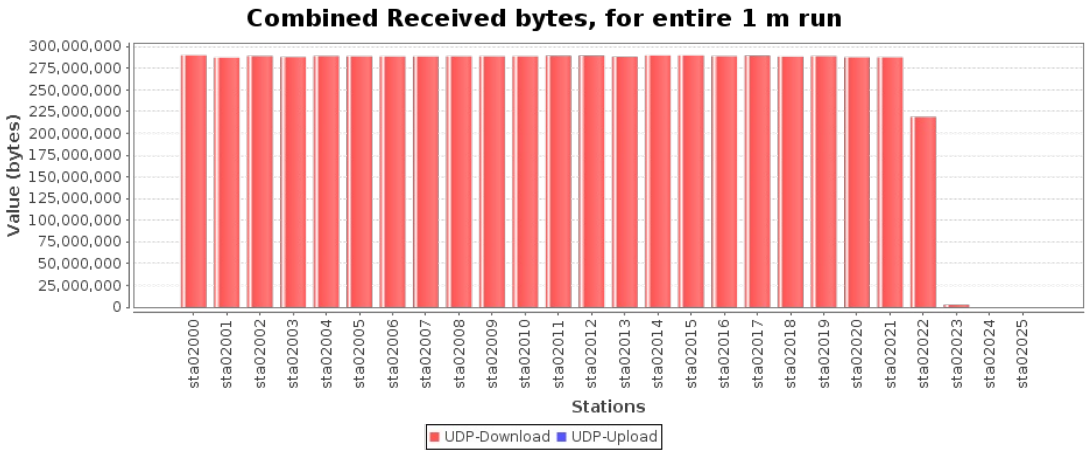
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  38461538 (38.462 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                              Total:    1000000000 (   1 Gbps)
Station count: 26   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Amount:
Download Amount:   Cx Min:          0 B  Cx Ave:   241.124 MB  Cx Max:   276.445 MB  All Cx:     6.122 GB
Upload Amount:     Cx Min:          0 B  Cx Ave:          0 B  Cx Max:          0 B  All Cx:          0 B
                                                                                     Total:      6.122 GB
Non-Transmitting endpoints: (2)  udp--1.eth2-01.sta02024-A udp--1.eth2-01.sta02025-A

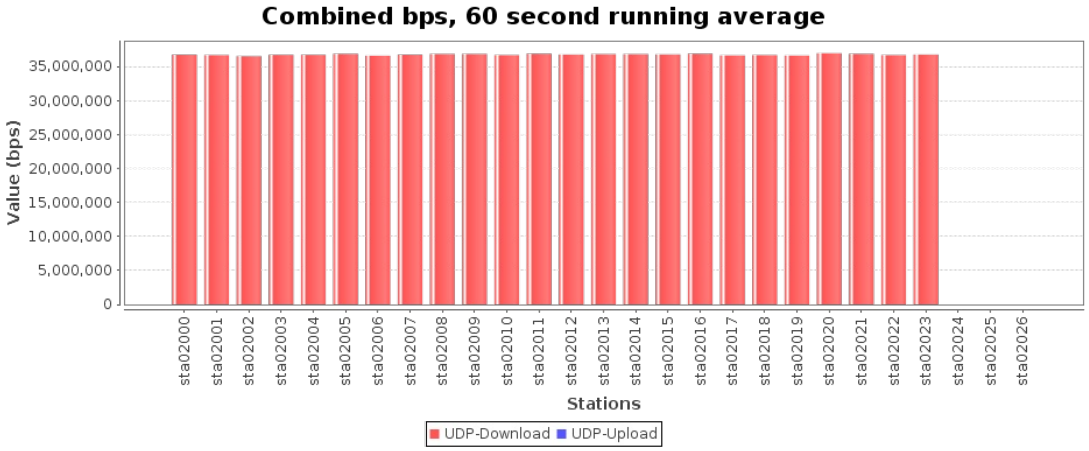
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  37037037 (37.037 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                              Total:    1000000000 (   1 Gbps)
Station count: 27   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Rate:
Download Rate:     Cx Min:        0 bps  Cx Ave:  32.691 Mbps  Cx Max:  36.978 Mbps  All Cx: 882.662 Mbps
Upload Rate:       Cx Min:        0 bps  Cx Ave:        0 bps  Cx Max:        0 bps  All Cx:        0 bps
                                                                                     Total: 882.662 Mbps
Aggregated Rate:   Min:           0 bps  Avg:     32.691 Mbps  Max:     36.978 Mbps
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02024-A udp--1.eth2-01.sta02025-A udp--1.eth2-01.sta02026-A

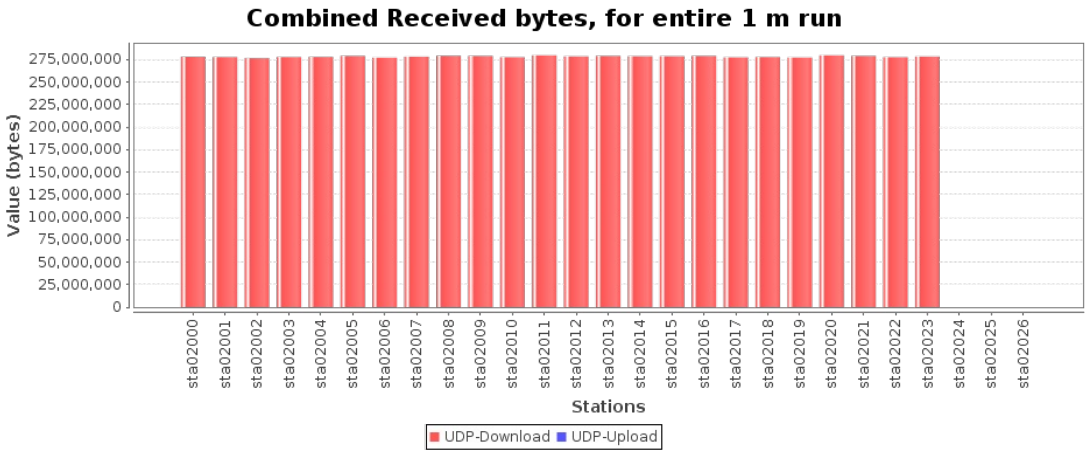
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  37037037 (37.037 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                              Total:    1000000000 (   1 Gbps)
Station count: 27   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Amount:
Download Amount:   Cx Min:          0 B  Cx Ave:   235.836 MB  Cx Max:   266.623 MB  All Cx:     6.218 GB
Upload Amount:     Cx Min:          0 B  Cx Ave:          0 B  Cx Max:          0 B  All Cx:          0 B
                                                                                     Total:      6.218 GB
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02024-A udp--1.eth2-01.sta02025-A udp--1.eth2-01.sta02026-A

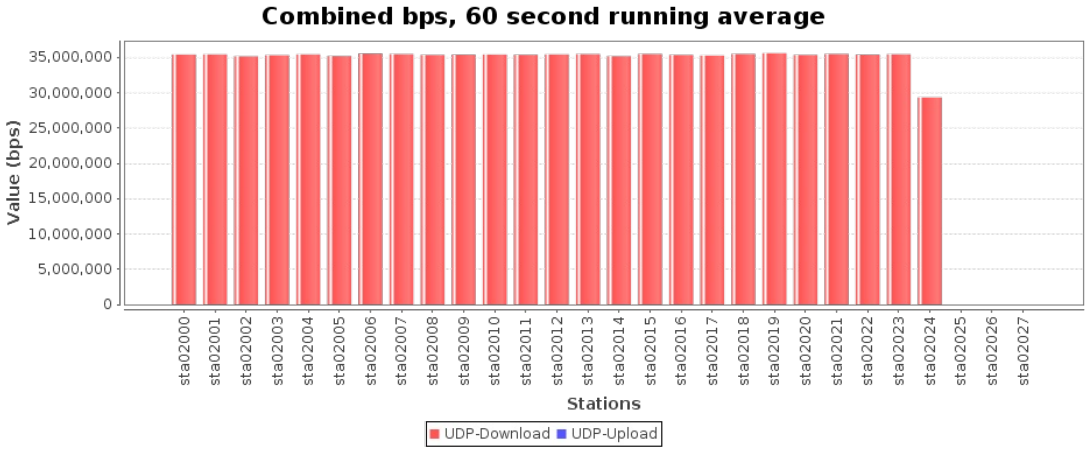
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  35714285 (35.714 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                              Total:    1000000000 (   1 Gbps)
Station count: 28   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Rate:
Download Rate:     Cx Min:        0 bps  Cx Ave:  31.373 Mbps  Cx Max:  35.581 Mbps  All Cx: 878.447 Mbps
Upload Rate:       Cx Min:        0 bps  Cx Ave:        0 bps  Cx Max:        0 bps  All Cx:        0 bps
                                                                                     Total: 878.447 Mbps
Aggregated Rate:   Min:           0 bps  Avg:     31.373 Mbps  Max:     35.581 Mbps
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02025-A udp--1.eth2-01.sta02026-A udp--1.eth2-01.sta02027-A

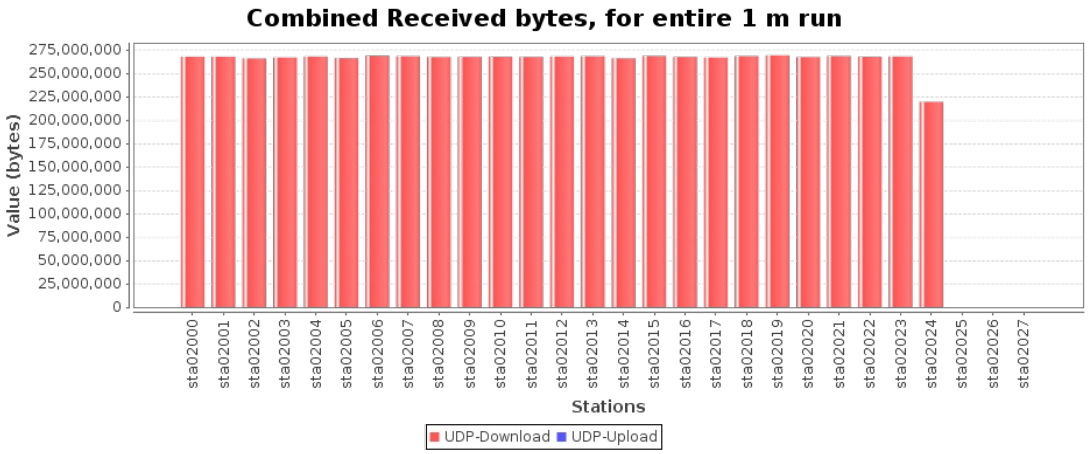
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  35714285 (35.714 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                              Total:    1000000000 (   1 Gbps)
Station count: 28   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Amount:
Download Amount:   Cx Min:          0 B  Cx Ave:   226.276 MB  Cx Max:   256.705 MB  All Cx:     6.187 GB
Upload Amount:     Cx Min:          0 B  Cx Ave:          0 B  Cx Max:          0 B  All Cx:          0 B
                                                                                     Total:      6.187 GB
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02025-A udp--1.eth2-01.sta02026-A udp--1.eth2-01.sta02027-A

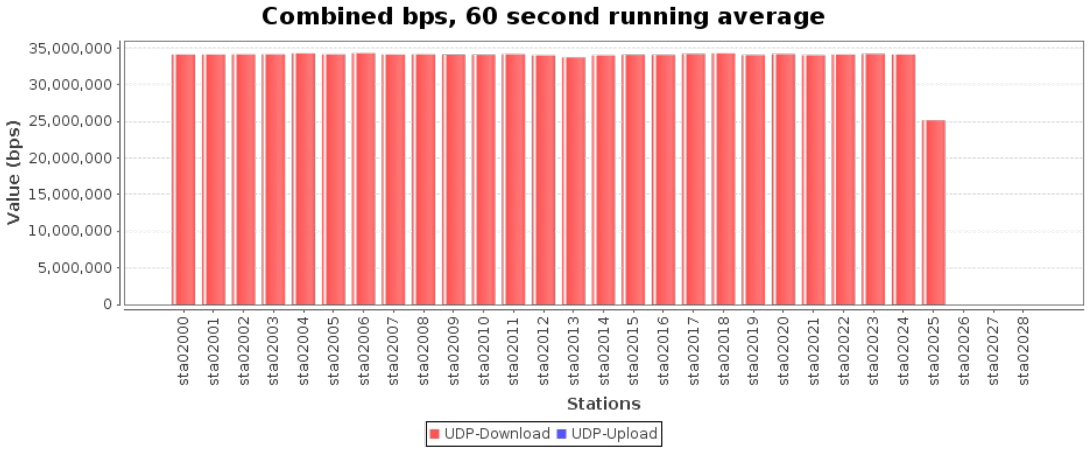
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  34482758 (34.483 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                              Total:    1000000000 (   1 Gbps)
Station count: 29   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Rate:
Download Rate:     Cx Min:        0 bps  Cx Ave:  30.315 Mbps  Cx Max:  34.343 Mbps  All Cx: 879.137 Mbps
Upload Rate:       Cx Min:        0 bps  Cx Ave:        0 bps  Cx Max:        0 bps  All Cx:        0 bps
                                                                                     Total: 879.137 Mbps
Aggregated Rate:   Min:           0 bps  Avg:     30.315 Mbps  Max:     34.343 Mbps
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02026-A udp--1.eth2-01.sta02027-A udp--1.eth2-01.sta02028-A

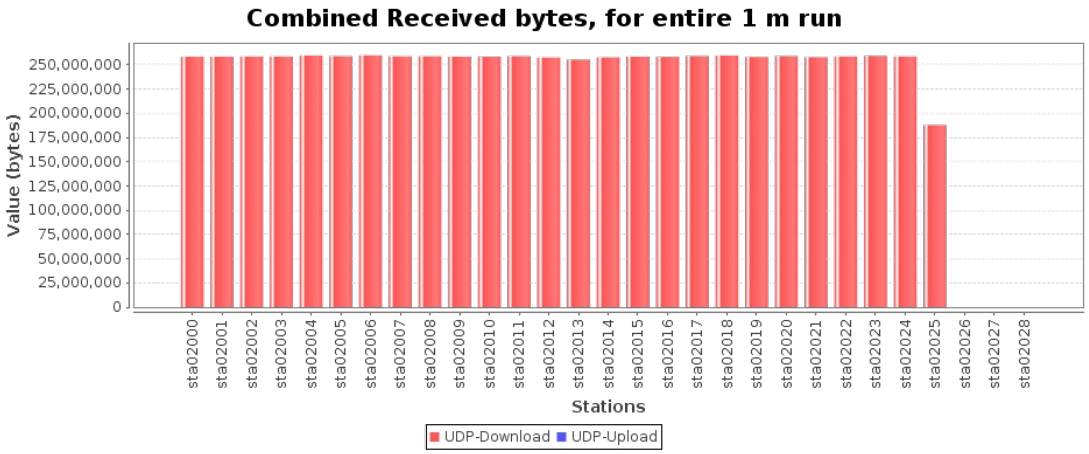
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  34482758 (34.483 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                              Total:    1000000000 (   1 Gbps)
Station count: 29   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Amount:
Download Amount:   Cx Min:          0 B  Cx Ave:    218.69 MB  Cx Max:   247.741 MB  All Cx:     6.193 GB
Upload Amount:     Cx Min:          0 B  Cx Ave:          0 B  Cx Max:          0 B  All Cx:          0 B
                                                                                     Total:      6.193 GB
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02026-A udp--1.eth2-01.sta02027-A udp--1.eth2-01.sta02028-A

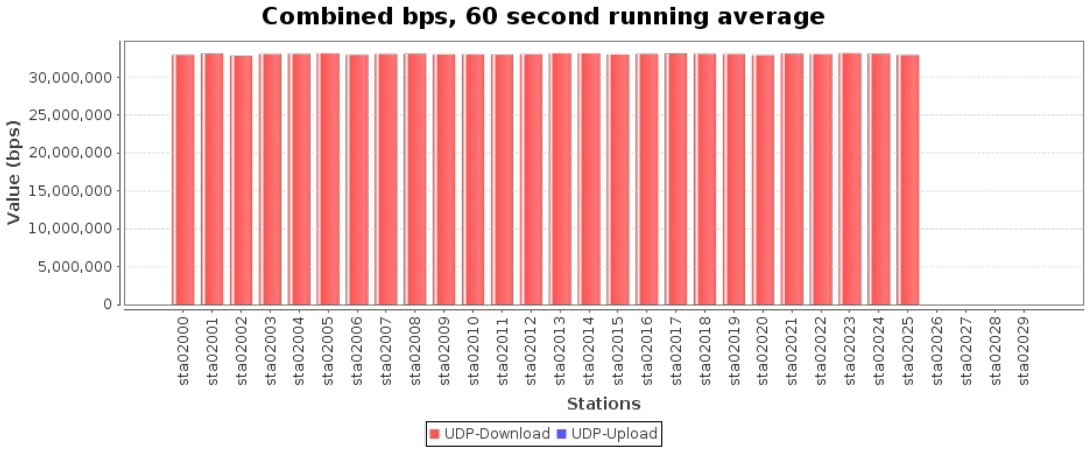
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  33333333 (33.333 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                              Total:    1000000000 (   1 Gbps)
Station count: 30   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Rate:
Download Rate:     Cx Min:        0 bps  Cx Ave:  28.644 Mbps  Cx Max:  33.178 Mbps  All Cx: 859.315 Mbps
Upload Rate:       Cx Min:        0 bps  Cx Ave:        0 bps  Cx Max:        0 bps  All Cx:        0 bps
                                                                                     Total: 859.315 Mbps
Aggregated Rate:   Min:           0 bps  Avg:     28.644 Mbps  Max:     33.178 Mbps
Non-Transmitting endpoints: (4)  udp--1.eth2-01.sta02026-A udp--1.eth2-01.sta02027-A udp--1.eth2-01.sta02028-A udp--1.eth2-01.sta02029-A

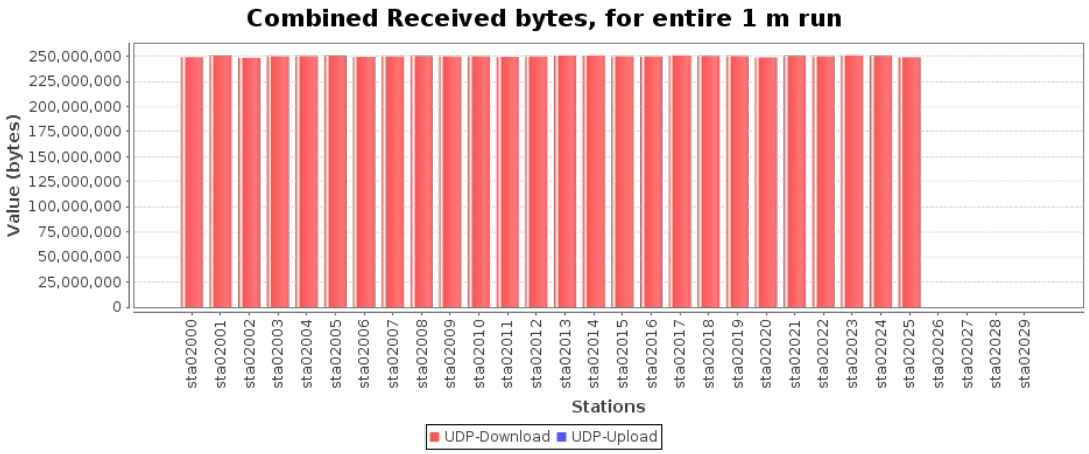
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  33333333 (33.333 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                              Total:    1000000000 (   1 Gbps)
Station count: 30   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Amount:
Download Amount:   Cx Min:          0 B  Cx Ave:   206.747 MB  Cx Max:   239.376 MB  All Cx:     6.057 GB
Upload Amount:     Cx Min:          0 B  Cx Ave:          0 B  Cx Max:          0 B  All Cx:          0 B
                                                                                     Total:      6.057 GB
Non-Transmitting endpoints: (4)  udp--1.eth2-01.sta02026-A udp--1.eth2-01.sta02027-A udp--1.eth2-01.sta02028-A udp--1.eth2-01.sta02029-A

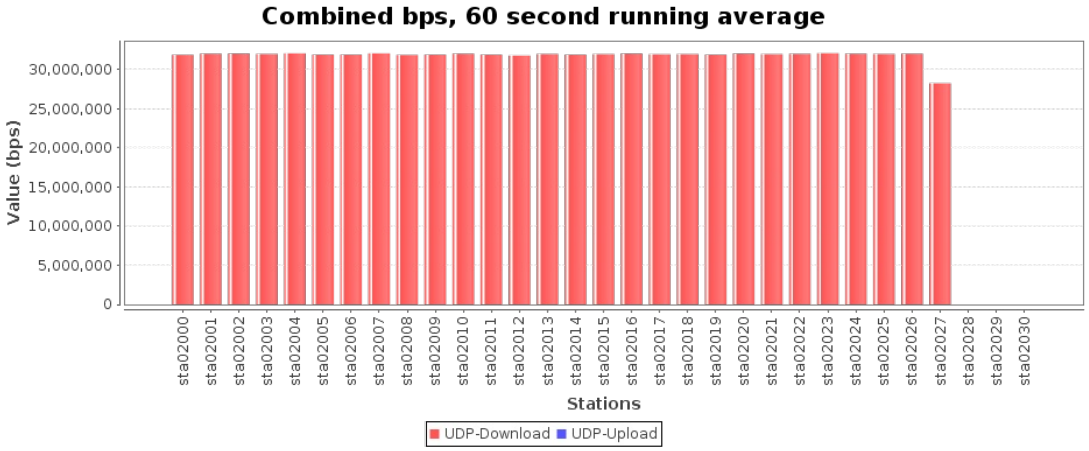
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  32258064 (32.258 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                              Total:    1000000000 (   1 Gbps)
Station count: 31   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Rate:
Download Rate:     Cx Min:        0 bps  Cx Ave:  28.793 Mbps  Cx Max:  32.123 Mbps  All Cx: 892.569 Mbps
Upload Rate:       Cx Min:        0 bps  Cx Ave:        0 bps  Cx Max:        0 bps  All Cx:        0 bps
                                                                                     Total: 892.569 Mbps
Aggregated Rate:   Min:           0 bps  Avg:     28.793 Mbps  Max:     32.123 Mbps
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02028-A udp--1.eth2-01.sta02029-A udp--1.eth2-01.sta02030-A

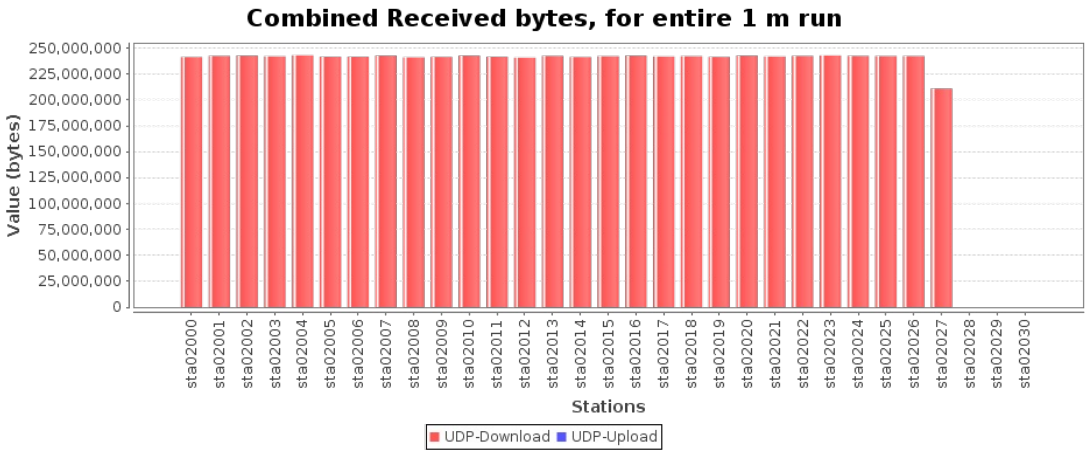
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  32258064 (32.258 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                              Total:    1000000000 (   1 Gbps)
Station count: 31   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Amount:
Download Amount:   Cx Min:          0 B  Cx Ave:   207.655 MB  Cx Max:   231.847 MB  All Cx:     6.286 GB
Upload Amount:     Cx Min:          0 B  Cx Ave:          0 B  Cx Max:          0 B  All Cx:          0 B
                                                                                     Total:      6.286 GB
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02028-A udp--1.eth2-01.sta02029-A udp--1.eth2-01.sta02030-A

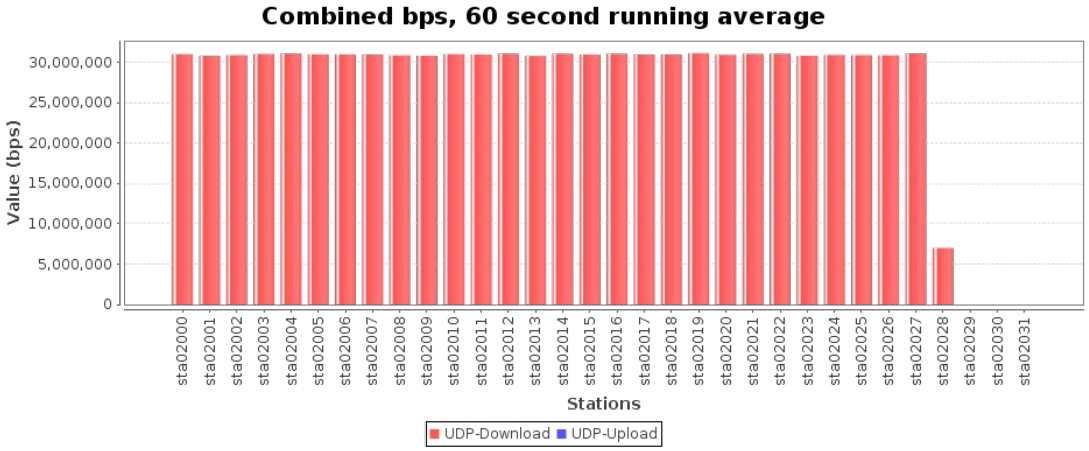
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  31250000 (31.25 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                              Total:    1000000000 (   1 Gbps)
Station count: 32   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Rate:
Download Rate:     Cx Min:        0 bps  Cx Ave:  27.314 Mbps  Cx Max:  31.135 Mbps  All Cx: 874.034 Mbps
Upload Rate:       Cx Min:        0 bps  Cx Ave:        0 bps  Cx Max:        0 bps  All Cx:        0 bps
                                                                                     Total: 874.034 Mbps
Aggregated Rate:   Min:           0 bps  Avg:     27.314 Mbps  Max:     31.135 Mbps
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02029-A udp--1.eth2-01.sta02030-A udp--1.eth2-01.sta02031-A

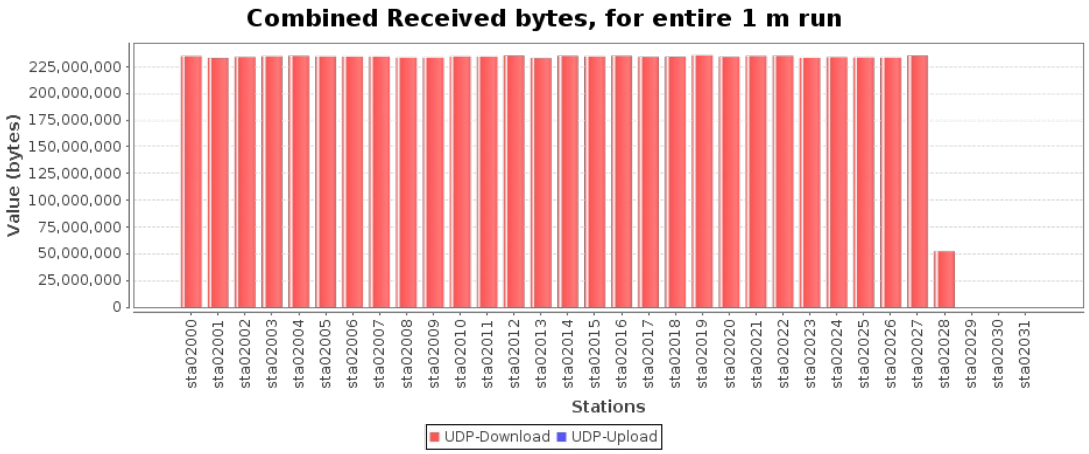
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  31250000 (31.25 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                              Total:    1000000000 (   1 Gbps)
Station count: 32   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Amount:
Download Amount:   Cx Min:          0 B  Cx Ave:   197.087 MB  Cx Max:    224.67 MB  All Cx:     6.159 GB
Upload Amount:     Cx Min:          0 B  Cx Ave:          0 B  Cx Max:          0 B  All Cx:          0 B
                                                                                     Total:      6.159 GB
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02029-A udp--1.eth2-01.sta02030-A udp--1.eth2-01.sta02031-A

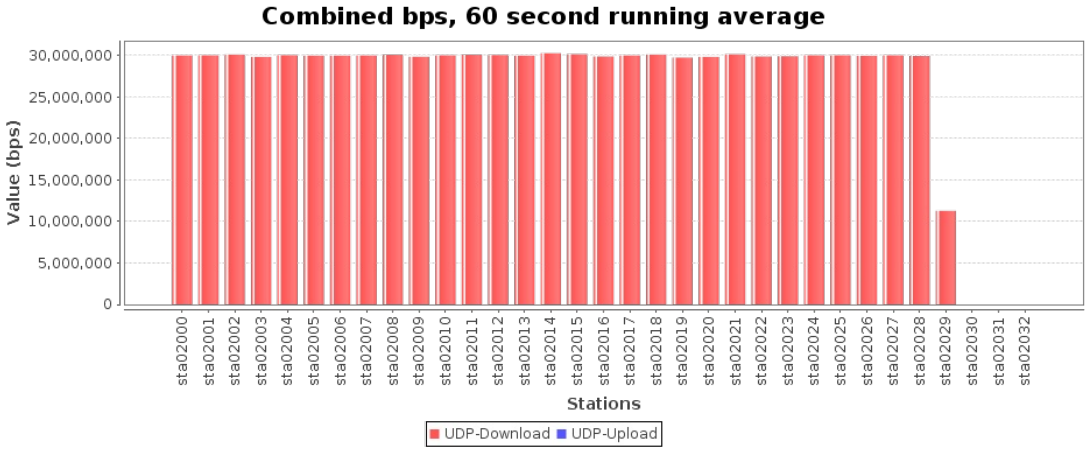
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  30303030 (30.303 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                              Total:    1000000000 (   1 Gbps)
Station count: 33   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Rate:
Download Rate:     Cx Min:        0 bps  Cx Ave:  26.743 Mbps  Cx Max:  30.308 Mbps  All Cx: 882.524 Mbps
Upload Rate:       Cx Min:        0 bps  Cx Ave:        0 bps  Cx Max:        0 bps  All Cx:        0 bps
                                                                                     Total: 882.524 Mbps
Aggregated Rate:   Min:           0 bps  Avg:     26.743 Mbps  Max:     30.308 Mbps
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02030-A udp--1.eth2-01.sta02031-A udp--1.eth2-01.sta02032-A

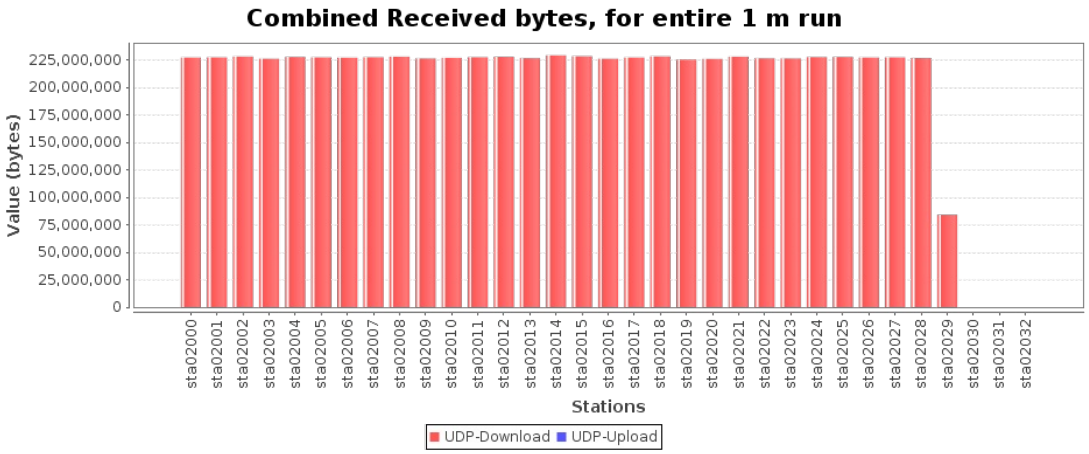
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  30303030 (30.303 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                              Total:    1000000000 (   1 Gbps)
Station count: 33   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Amount:
Download Amount:   Cx Min:          0 B  Cx Ave:    192.86 MB  Cx Max:   218.546 MB  All Cx:     6.215 GB
Upload Amount:     Cx Min:          0 B  Cx Ave:          0 B  Cx Max:          0 B  All Cx:          0 B
                                                                                     Total:      6.215 GB
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02030-A udp--1.eth2-01.sta02031-A udp--1.eth2-01.sta02032-A

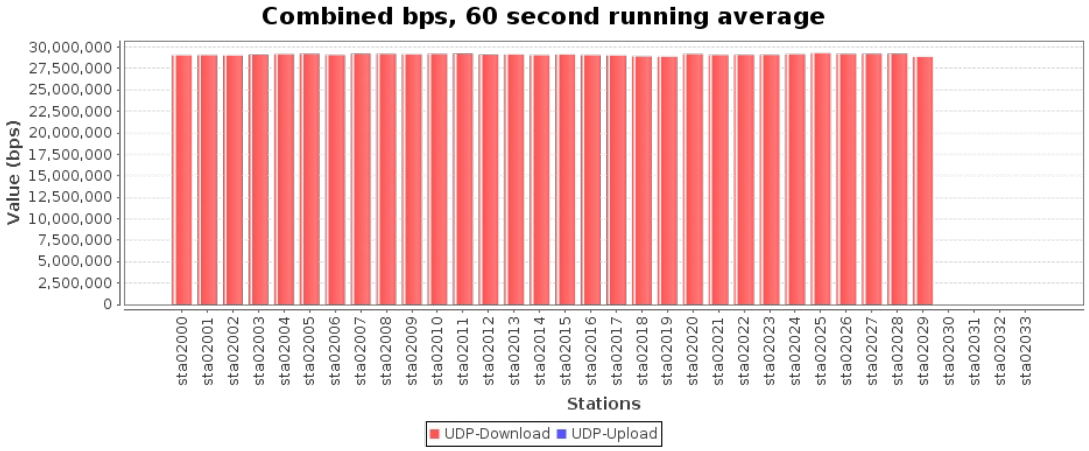
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  29411764 (29.412 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                              Total:    1000000000 (   1 Gbps)
Station count: 34   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Rate:
Download Rate:     Cx Min:        0 bps  Cx Ave:  25.693 Mbps  Cx Max:  29.291 Mbps  All Cx: 873.546 Mbps
Upload Rate:       Cx Min:        0 bps  Cx Ave:        0 bps  Cx Max:        0 bps  All Cx:        0 bps
                                                                                     Total: 873.546 Mbps
Aggregated Rate:   Min:           0 bps  Avg:     25.693 Mbps  Max:     29.291 Mbps
Non-Transmitting endpoints: (4)  udp--1.eth2-01.sta02030-A udp--1.eth2-01.sta02031-A udp--1.eth2-01.sta02032-A udp--1.eth2-01.sta02033-A

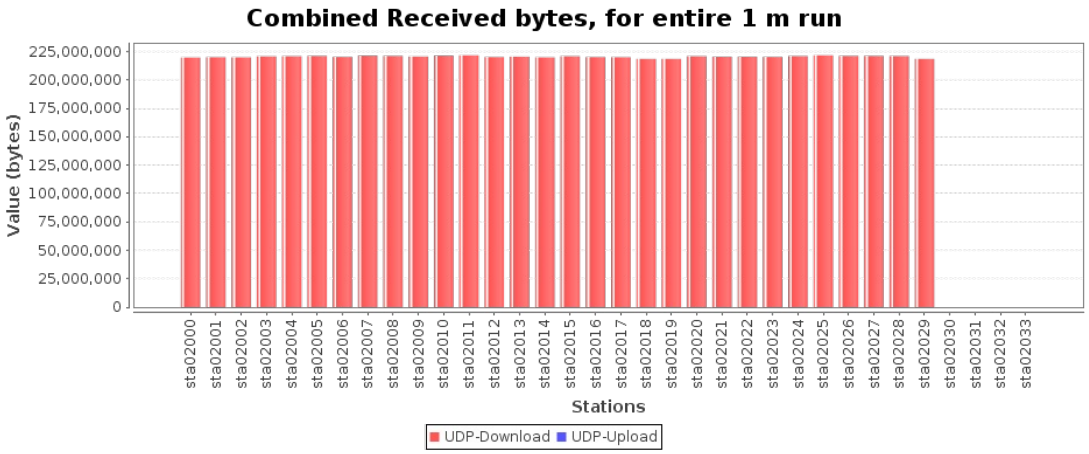
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  29411764 (29.412 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                                Total:    1000000000 (   1 Gbps)
Station count: 34   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Amount:
Download Amount:   Cx Min:          0 B  Cx Ave:   185.487 MB  Cx Max:   211.359 MB  All Cx:     6.159 GB
Upload Amount:     Cx Min:          0 B  Cx Ave:          0 B  Cx Max:          0 B  All Cx:          0 B
                                                                                     Total:      6.159 GB
Non-Transmitting endpoints: (4)  udp--1.eth2-01.sta02030-A udp--1.eth2-01.sta02031-A udp--1.eth2-01.sta02032-A udp--1.eth2-01.sta02033-A

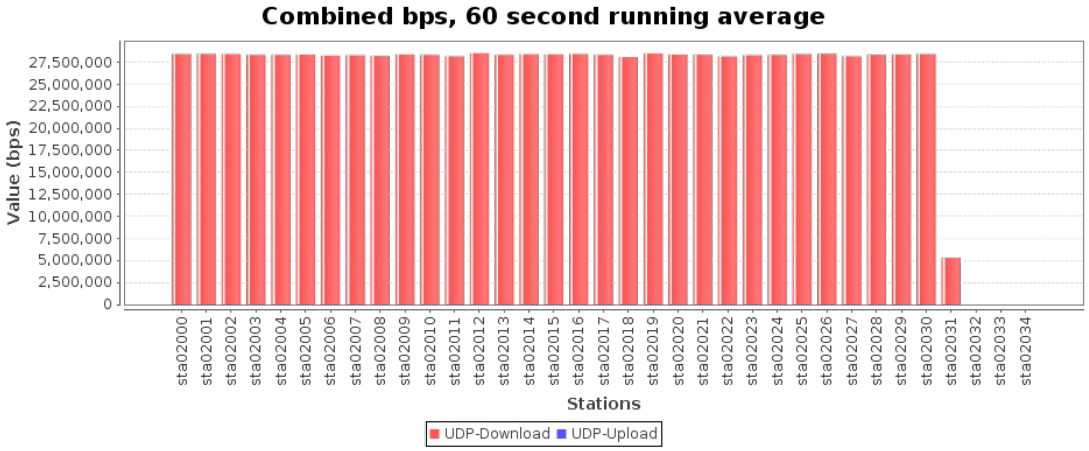
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  28571428 (28.571 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                                Total:    1000000000 (   1 Gbps)
Station count: 35   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Rate:
Download Rate:     Cx Min:        0 bps  Cx Ave:  25.263 Mbps  Cx Max:   28.53 Mbps  All Cx: 884.216 Mbps
Upload Rate:       Cx Min:        0 bps  Cx Ave:        0 bps  Cx Max:        0 bps  All Cx:        0 bps
                                                                                     Total: 884.216 Mbps
Aggregated Rate:   Min:           0 bps  Avg:     25.263 Mbps  Max:      28.53 Mbps
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02032-A udp--1.eth2-01.sta02033-A udp--1.eth2-01.sta02034-A

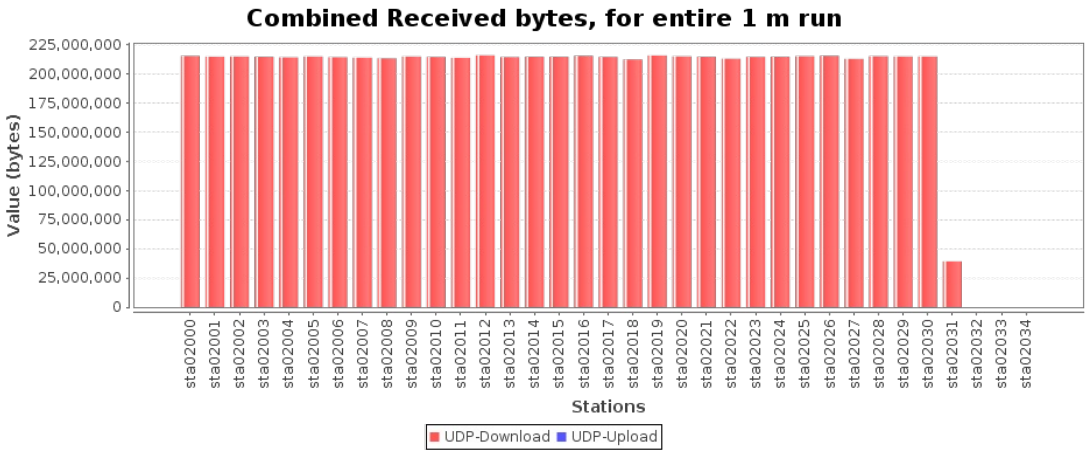
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  28571428 (28.571 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                              Total:    1000000000 (   1 Gbps)
Station count: 35   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Amount:
Download Amount:   Cx Min:          0 B  Cx Ave:   182.479 MB  Cx Max:   206.076 MB  All Cx:     6.237 GB
Upload Amount:     Cx Min:          0 B  Cx Ave:          0 B  Cx Max:          0 B  All Cx:          0 B
                                                                                     Total:      6.237 GB
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02032-A udp--1.eth2-01.sta02033-A udp--1.eth2-01.sta02034-A

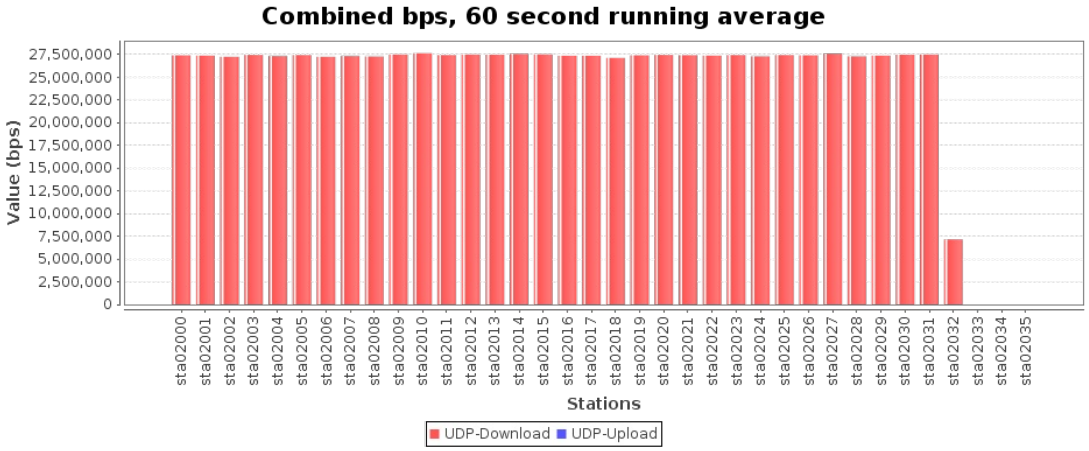
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  27777777 (27.778 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                              Total:    1000000000 (   1 Gbps)
Station count: 36   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Rate:
Download Rate:     Cx Min:        0 bps  Cx Ave:   24.58 Mbps  Cx Max:  27.651 Mbps  All Cx: 884.863 Mbps
Upload Rate:       Cx Min:        0 bps  Cx Ave:        0 bps  Cx Max:        0 bps  All Cx:        0 bps
                                                                                     Total: 884.863 Mbps
Aggregated Rate:   Min:           0 bps  Avg:      24.58 Mbps  Max:     27.651 Mbps
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02033-A udp--1.eth2-01.sta02034-A udp--1.eth2-01.sta02035-A

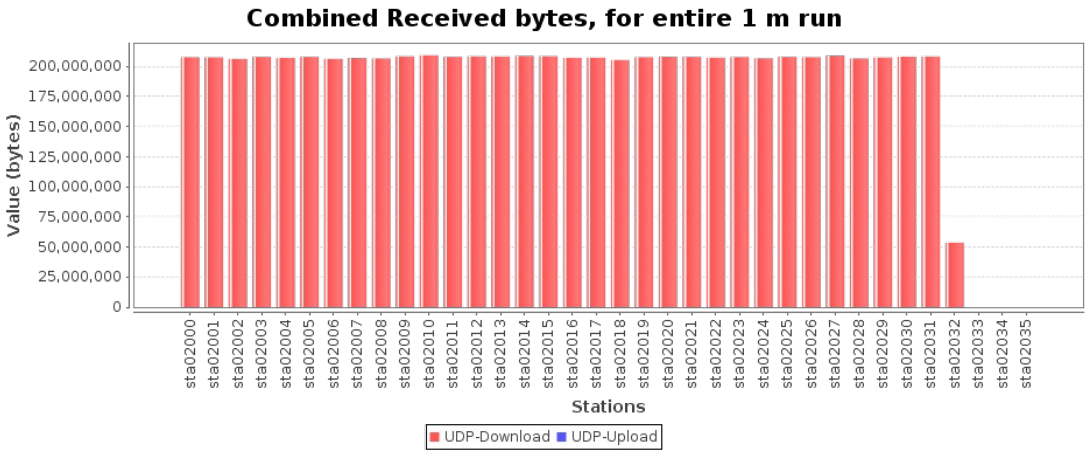
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  27777777 (27.778 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                              Total:    1000000000 (   1 Gbps)
Station count: 36   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Amount:
Download Amount:   Cx Min:          0 B  Cx Ave:   177.452 MB  Cx Max:   199.557 MB  All Cx:     6.239 GB
Upload Amount:     Cx Min:          0 B  Cx Ave:          0 B  Cx Max:          0 B  All Cx:          0 B
                                                                                     Total:      6.239 GB
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02033-A udp--1.eth2-01.sta02034-A udp--1.eth2-01.sta02035-A

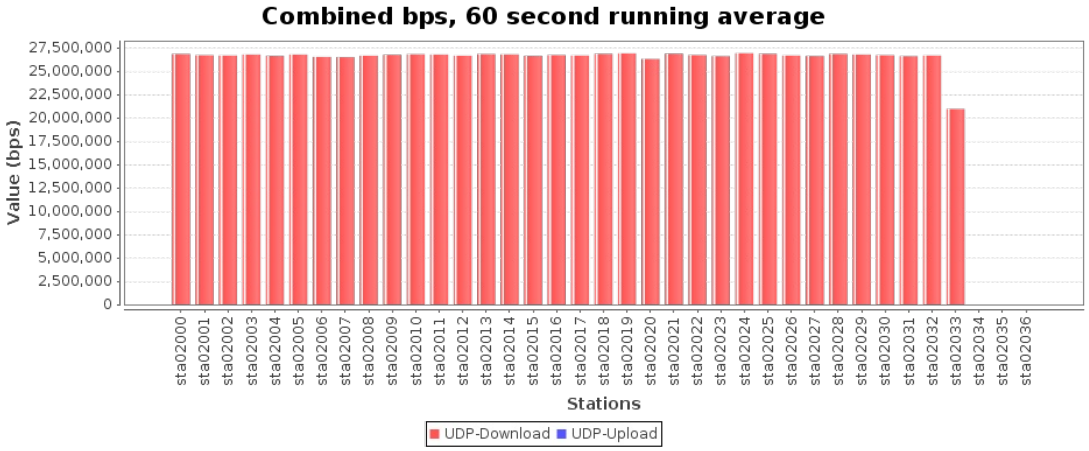
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  27027027 (27.027 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                              Total:    1000000000 (   1 Gbps)
Station count: 37   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Rate:
Download Rate:     Cx Min:        0 bps  Cx Ave:  24.396 Mbps  Cx Max:  26.919 Mbps  All Cx: 902.651 Mbps
Upload Rate:       Cx Min:        0 bps  Cx Ave:        0 bps  Cx Max:        0 bps  All Cx:        0 bps
                                                                                     Total: 902.651 Mbps
Aggregated Rate:   Min:           0 bps  Avg:     24.396 Mbps  Max:     26.919 Mbps
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02034-A udp--1.eth2-01.sta02035-A udp--1.eth2-01.sta02036-A

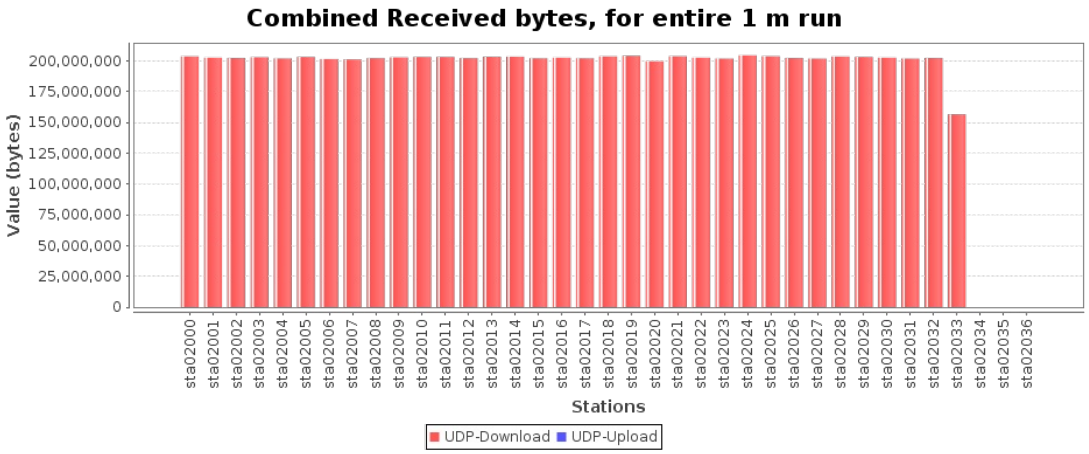
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  27027027 (27.027 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                              Total:    1000000000 (   1 Gbps)
Station count: 37   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Amount:
Download Amount:   Cx Min:          0 B  Cx Ave:   176.458 MB  Cx Max:   195.044 MB  All Cx:     6.376 GB
Upload Amount:     Cx Min:          0 B  Cx Ave:          0 B  Cx Max:          0 B  All Cx:          0 B
                                                                                     Total:      6.376 GB
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02034-A udp--1.eth2-01.sta02035-A udp--1.eth2-01.sta02036-A

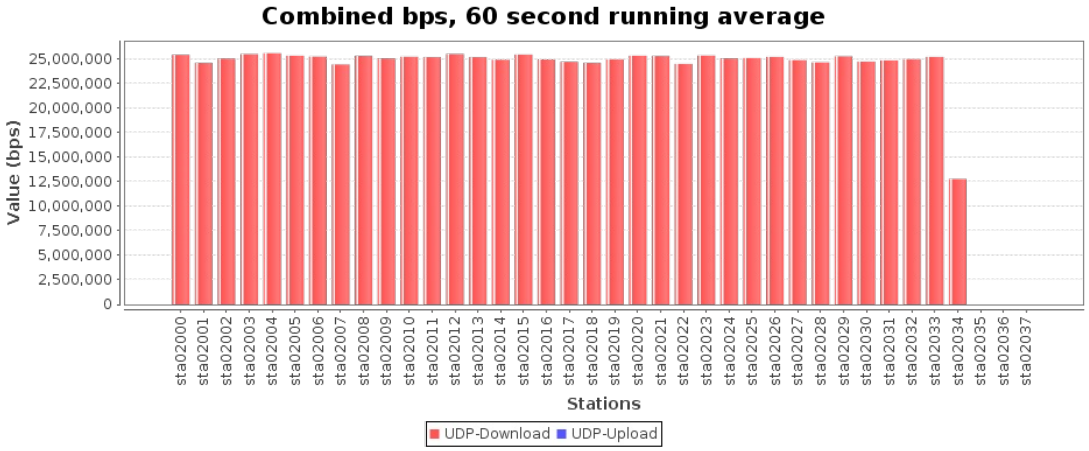
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  26315789 (26.316 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                              Total:    1000000000 (   1 Gbps)
Station count: 38   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Rate:
Download Rate:     Cx Min:        0 bps  Cx Ave:  22.791 Mbps  Cx Max:  25.598 Mbps  All Cx: 866.053 Mbps
Upload Rate:       Cx Min:        0 bps  Cx Ave:        0 bps  Cx Max:        0 bps  All Cx:        0 bps
                                                                                     Total: 866.053 Mbps
Aggregated Rate:   Min:           0 bps  Avg:     22.791 Mbps  Max:     25.598 Mbps
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02035-A udp--1.eth2-01.sta02036-A udp--1.eth2-01.sta02037-A

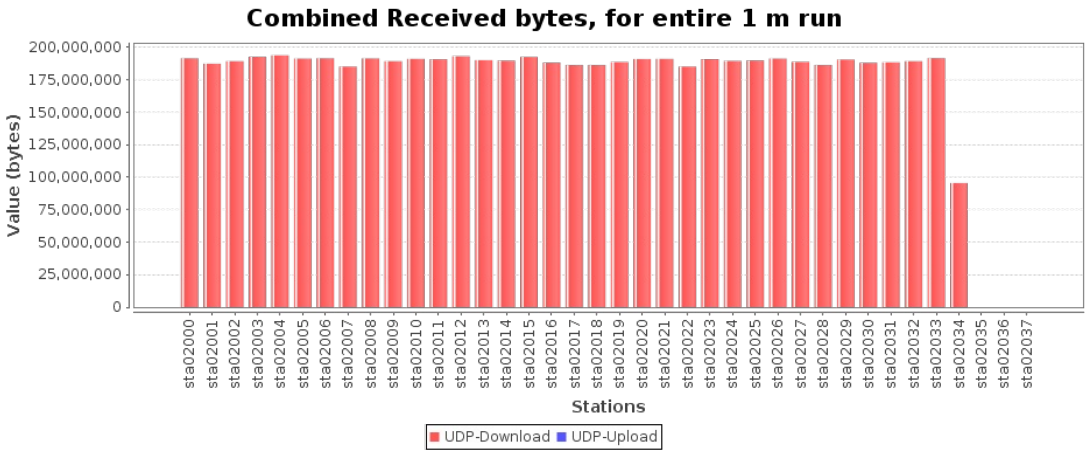
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  26315789 (26.316 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                              Total:    1000000000 (   1 Gbps)
Station count: 38   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Amount:
Download Amount:   Cx Min:          0 B  Cx Ave:   164.432 MB  Cx Max:   184.918 MB  All Cx:     6.102 GB
Upload Amount:     Cx Min:          0 B  Cx Ave:          0 B  Cx Max:          0 B  All Cx:          0 B
                                                                                     Total:      6.102 GB
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02035-A udp--1.eth2-01.sta02036-A udp--1.eth2-01.sta02037-A

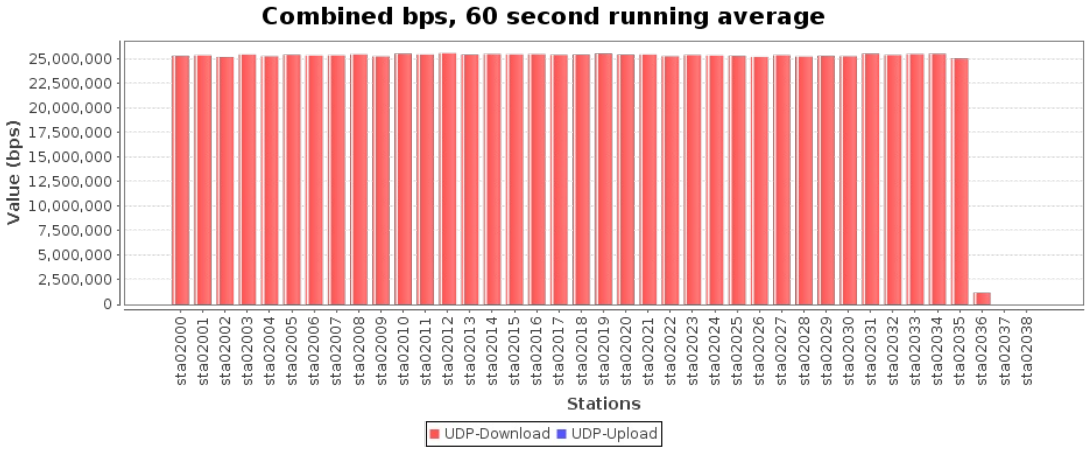
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  25641025 (25.641 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                              Total:    1000000000 (   1 Gbps)
Station count: 39   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Rate:
Download Rate:     Cx Min:        0 bps  Cx Ave:   23.44 Mbps  Cx Max:  25.555 Mbps  All Cx: 914.168 Mbps
Upload Rate:       Cx Min:        0 bps  Cx Ave:        0 bps  Cx Max:        0 bps  All Cx:        0 bps
                                                                                     Total: 914.168 Mbps
Aggregated Rate:   Min:           0 bps  Avg:      23.44 Mbps  Max:     25.555 Mbps
Non-Transmitting endpoints: (2)  udp--1.eth2-01.sta02037-A udp--1.eth2-01.sta02038-A

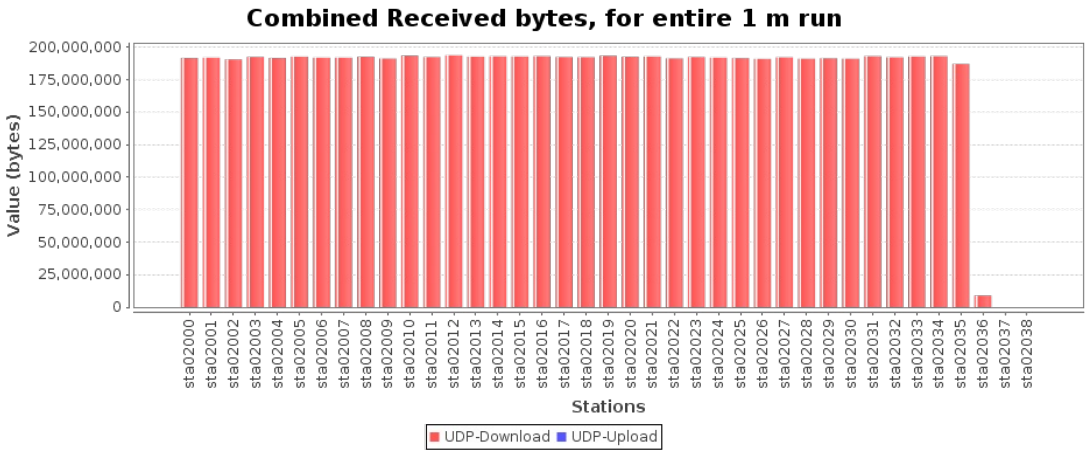
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  25641025 (25.641 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                              Total:    1000000000 (   1 Gbps)
Station count: 39   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Amount:
Download Amount:   Cx Min:          0 B  Cx Ave:   169.224 MB  Cx Max:   184.629 MB  All Cx:     6.445 GB
Upload Amount:     Cx Min:          0 B  Cx Ave:          0 B  Cx Max:          0 B  All Cx:          0 B
                                                                                     Total:      6.445 GB
Non-Transmitting endpoints: (2)  udp--1.eth2-01.sta02037-A udp--1.eth2-01.sta02038-A

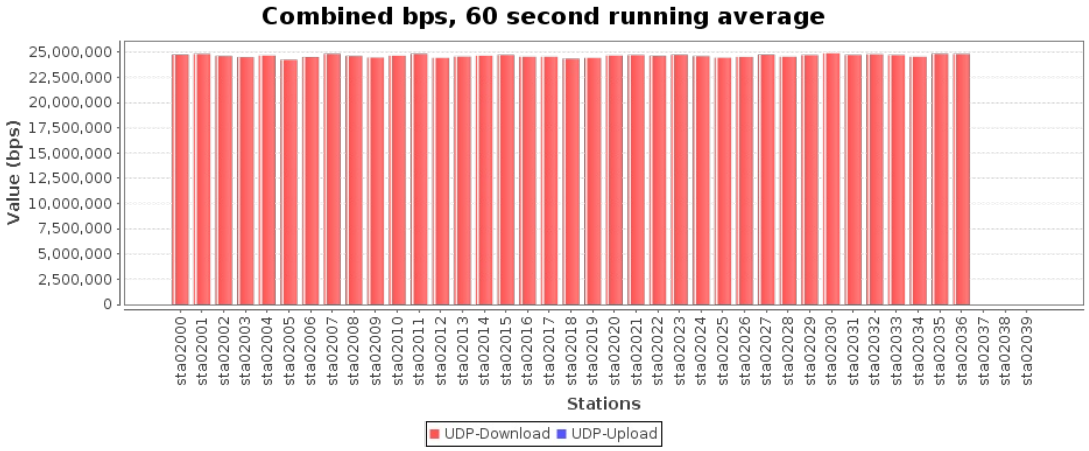
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  25000000 (  25 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                              Total:    1000000000 (   1 Gbps)
Station count: 40   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Rate:
Download Rate:     Cx Min:        0 bps  Cx Ave:  22.803 Mbps  Cx Max:  24.912 Mbps  All Cx: 912.112 Mbps
Upload Rate:       Cx Min:        0 bps  Cx Ave:        0 bps  Cx Max:        0 bps  All Cx:        0 bps
                                                                                     Total: 912.112 Mbps
Aggregated Rate:   Min:           0 bps  Avg:     22.803 Mbps  Max:     24.912 Mbps
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02037-A udp--1.eth2-01.sta02038-A udp--1.eth2-01.sta02039-A

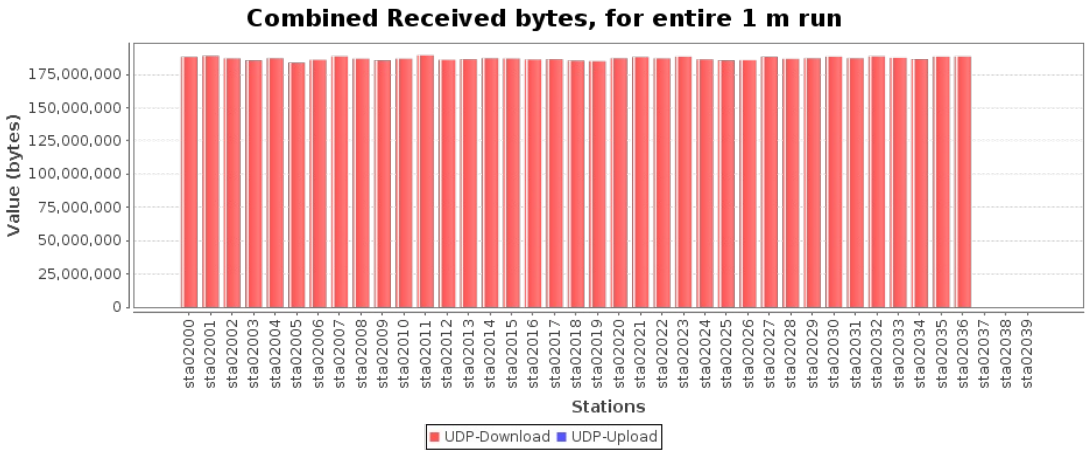
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  25000000 (  25 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                              Total:    1000000000 (   1 Gbps)
Station count: 40   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Amount:
Download Amount:   Cx Min:          0 B  Cx Ave:   164.944 MB  Cx Max:   180.561 MB  All Cx:     6.443 GB
Upload Amount:     Cx Min:          0 B  Cx Ave:          0 B  Cx Max:          0 B  All Cx:          0 B
                                                                                     Total:      6.443 GB
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02037-A udp--1.eth2-01.sta02038-A udp--1.eth2-01.sta02039-A

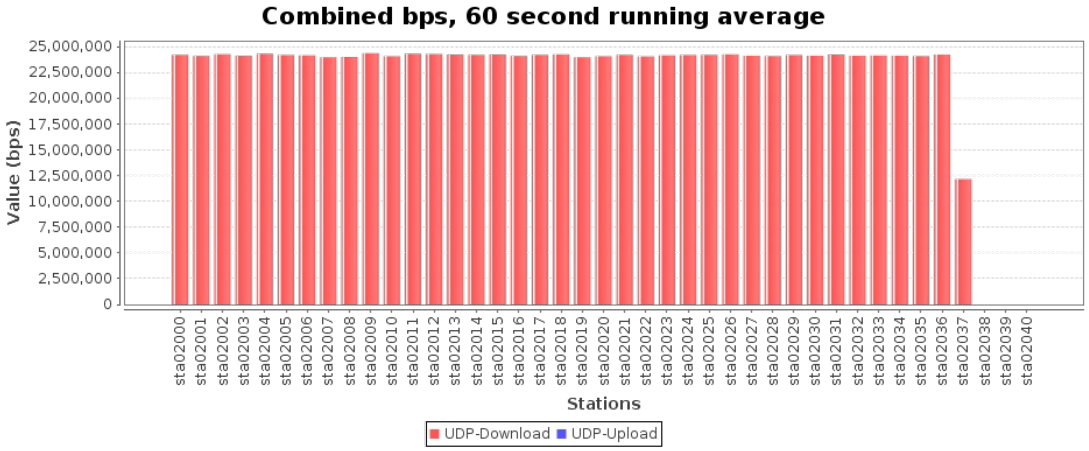
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  24390243 (24.39 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                              Total:    1000000000 (   1 Gbps)
Station count: 41   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Rate:
Download Rate:     Cx Min:        0 bps  Cx Ave:  22.102 Mbps  Cx Max:  24.365 Mbps  All Cx: 906.195 Mbps
Upload Rate:       Cx Min:        0 bps  Cx Ave:        0 bps  Cx Max:        0 bps  All Cx:        0 bps
                                                                                     Total: 906.195 Mbps
Aggregated Rate:   Min:           0 bps  Avg:     22.102 Mbps  Max:     24.365 Mbps
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02038-A udp--1.eth2-01.sta02039-A udp--1.eth2-01.sta02040-A

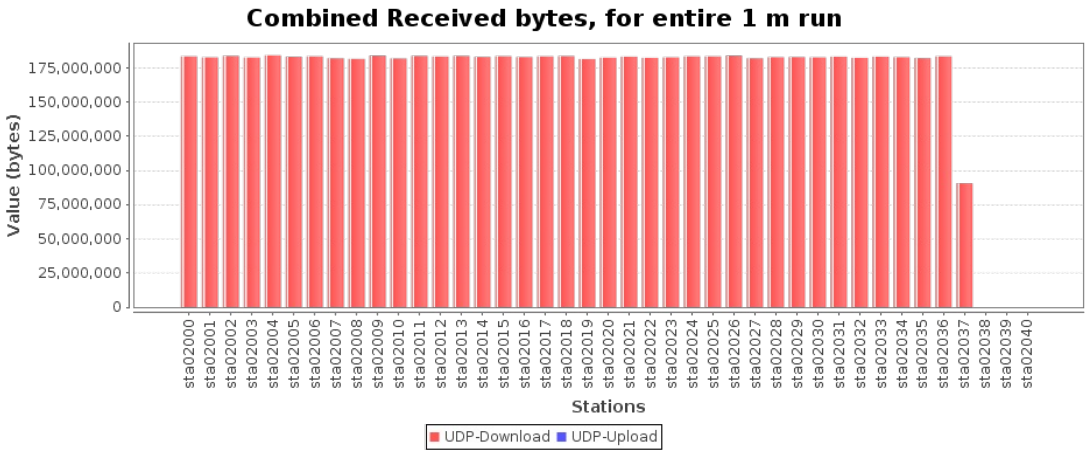
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  24390243 (24.39 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                              Total:    1000000000 (   1 Gbps)
Station count: 41   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Amount:
Download Amount:   Cx Min:          0 B  Cx Ave:   159.532 MB  Cx Max:   175.566 MB  All Cx:     6.388 GB
Upload Amount:     Cx Min:          0 B  Cx Ave:          0 B  Cx Max:          0 B  All Cx:          0 B
                                                                                     Total:      6.388 GB
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02038-A udp--1.eth2-01.sta02039-A udp--1.eth2-01.sta02040-A

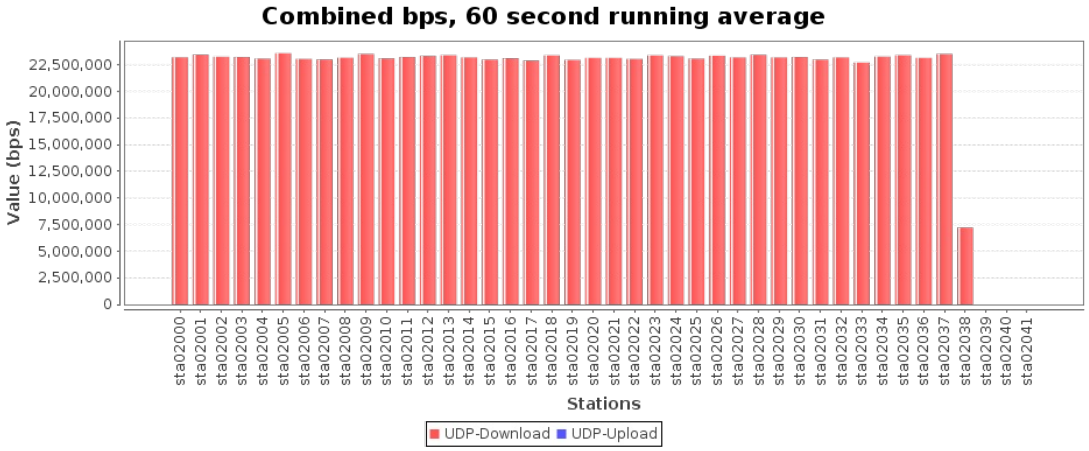
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  23809523 (23.81 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                              Total:    1000000000 (   1 Gbps)
Station count: 42   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Rate:
Download Rate:     Cx Min:        0 bps  Cx Ave:  21.157 Mbps  Cx Max:  23.574 Mbps  All Cx: 888.605 Mbps
Upload Rate:       Cx Min:        0 bps  Cx Ave:        0 bps  Cx Max:        0 bps  All Cx:        0 bps
                                                                                     Total: 888.605 Mbps
Aggregated Rate:   Min:           0 bps  Avg:     21.157 Mbps  Max:     23.574 Mbps
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02039-A udp--1.eth2-01.sta02040-A udp--1.eth2-01.sta02041-A

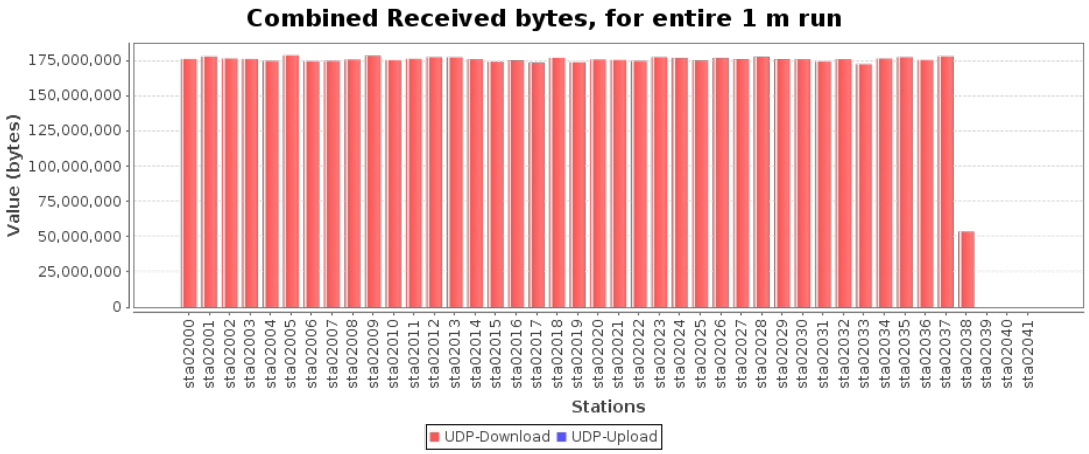
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  23809523 (23.81 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                              Total:    1000000000 (   1 Gbps)
Station count: 42   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Amount:
Download Amount:   Cx Min:          0 B  Cx Ave:   152.942 MB  Cx Max:   170.306 MB  All Cx:     6.273 GB
Upload Amount:     Cx Min:          0 B  Cx Ave:          0 B  Cx Max:          0 B  All Cx:          0 B
                                                                                     Total:      6.273 GB
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02039-A udp--1.eth2-01.sta02040-A udp--1.eth2-01.sta02041-A

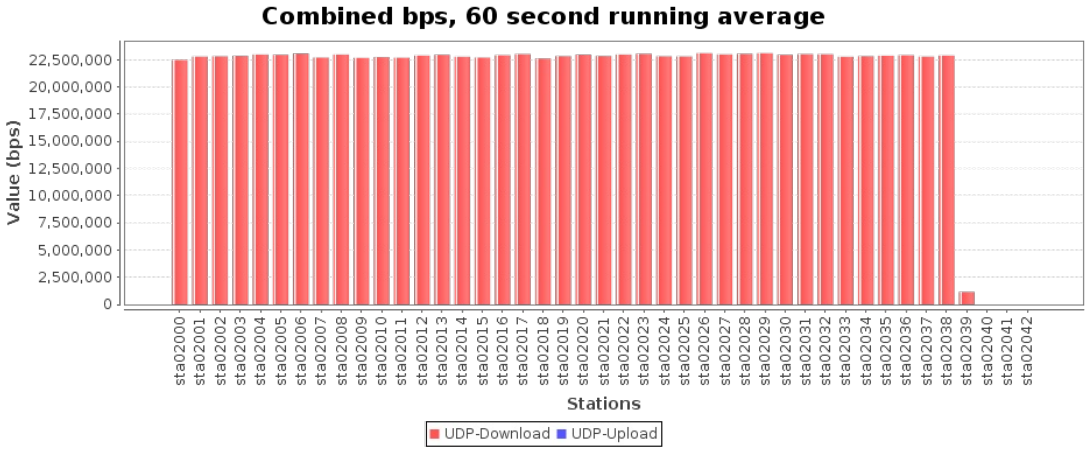
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  23255813 (23.256 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                              Total:    1000000000 (   1 Gbps)
Station count: 43   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Rate:
Download Rate:     Cx Min:        0 bps  Cx Ave:   20.78 Mbps  Cx Max:  23.105 Mbps  All Cx: 893.552 Mbps
Upload Rate:       Cx Min:        0 bps  Cx Ave:        0 bps  Cx Max:        0 bps  All Cx:        0 bps
                                                                                     Total: 893.552 Mbps
Aggregated Rate:   Min:           0 bps  Avg:      20.78 Mbps  Max:     23.105 Mbps
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02040-A udp--1.eth2-01.sta02041-A udp--1.eth2-01.sta02042-A

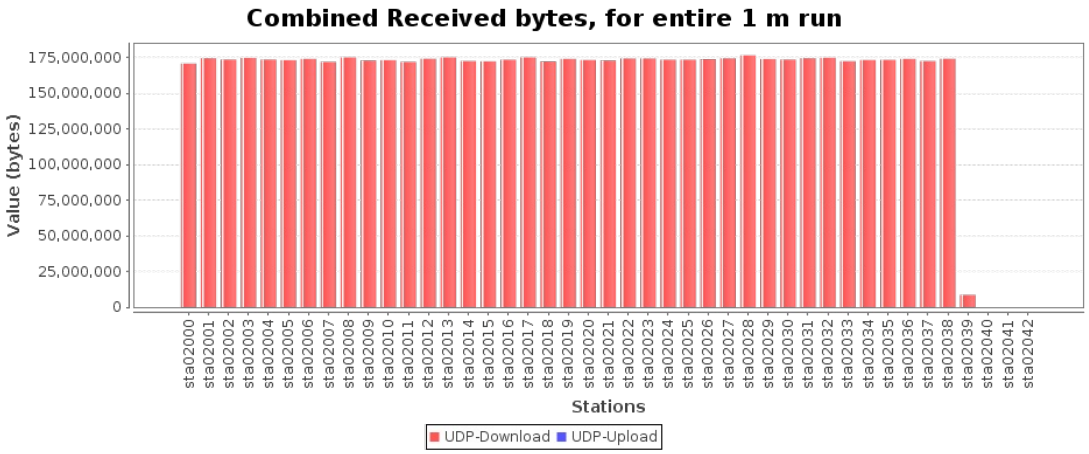
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  23255813 (23.256 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                              Total:    1000000000 (   1 Gbps)
Station count: 43   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Amount:
Download Amount:   Cx Min:          0 B  Cx Ave:   150.391 MB  Cx Max:   168.363 MB  All Cx:     6.315 GB
Upload Amount:     Cx Min:          0 B  Cx Ave:          0 B  Cx Max:          0 B  All Cx:          0 B
                                                                                     Total:      6.315 GB
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02040-A udp--1.eth2-01.sta02041-A udp--1.eth2-01.sta02042-A

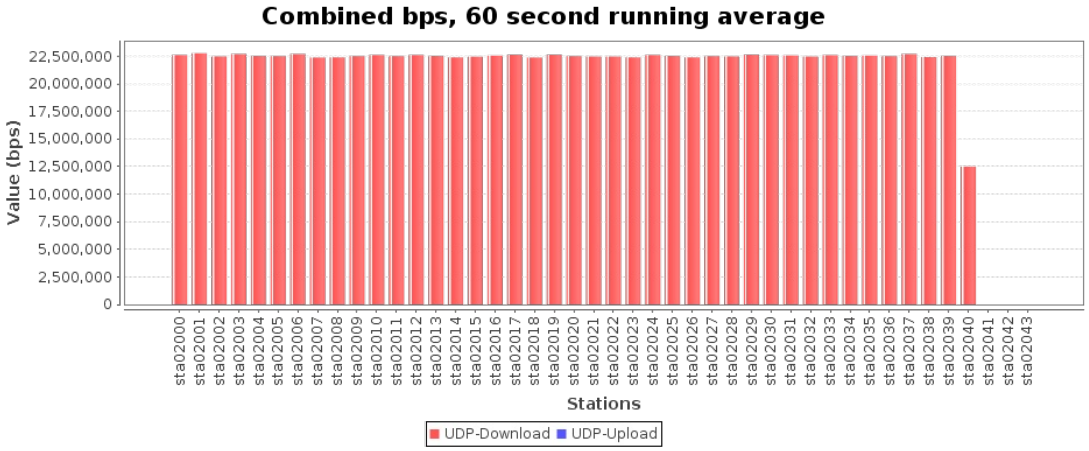
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  22727272 (22.727 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                              Total:    1000000000 (   1 Gbps)
Station count: 44   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Rate:
Download Rate:     Cx Min:        0 bps  Cx Ave:  20.794 Mbps  Cx Max:  22.789 Mbps  All Cx: 914.925 Mbps
Upload Rate:       Cx Min:        0 bps  Cx Ave:        0 bps  Cx Max:        0 bps  All Cx:        0 bps
                                                                                     Total: 914.925 Mbps
Aggregated Rate:   Min:           0 bps  Avg:     20.794 Mbps  Max:     22.789 Mbps
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02041-A udp--1.eth2-01.sta02042-A udp--1.eth2-01.sta02043-A

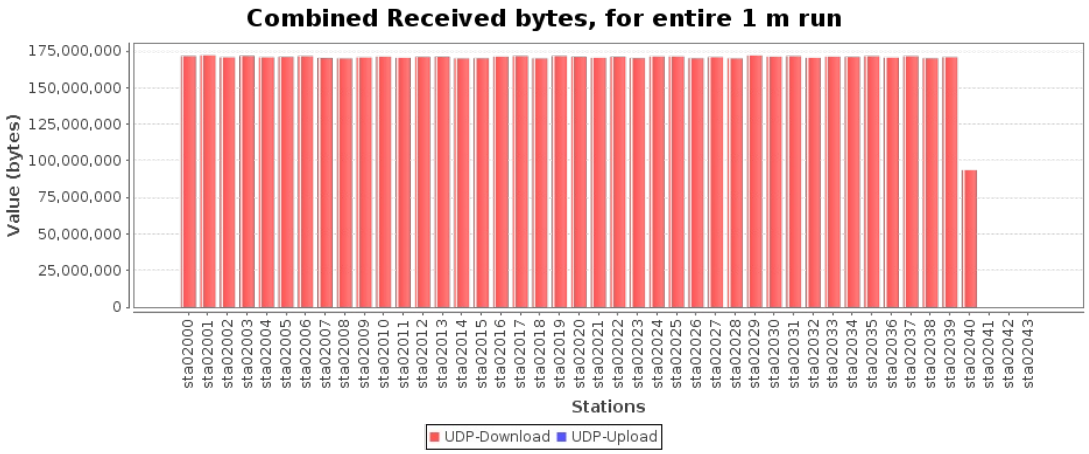
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  22727272 (22.727 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                              Total:    1000000000 (   1 Gbps)
Station count: 44   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Amount:
Download Amount:   Cx Min:          0 B  Cx Ave:   150.201 MB  Cx Max:   164.114 MB  All Cx:     6.454 GB
Upload Amount:     Cx Min:          0 B  Cx Ave:          0 B  Cx Max:          0 B  All Cx:          0 B
                                                                                     Total:      6.454 GB
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02041-A udp--1.eth2-01.sta02042-A udp--1.eth2-01.sta02043-A

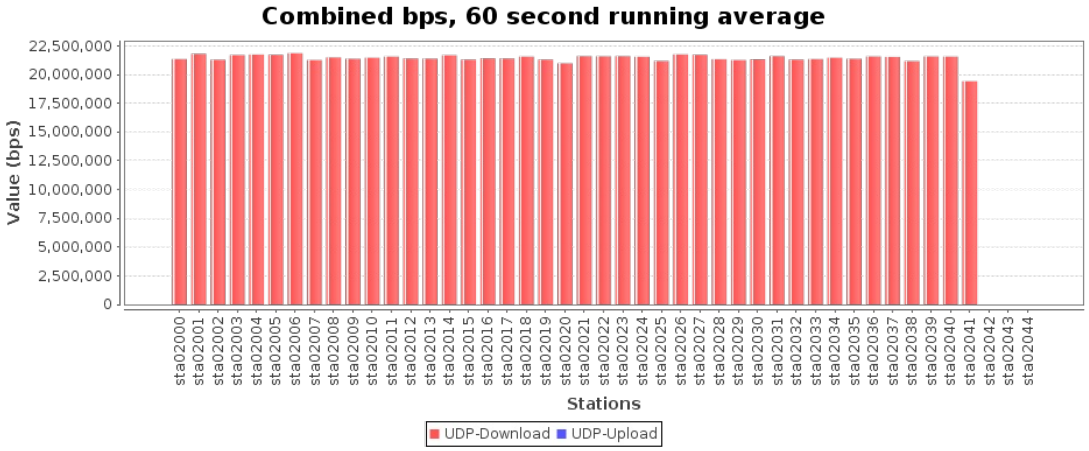
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  22222222 (22.222 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                              Total:    1000000000 (   1 Gbps)
Station count: 45   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Rate:
Download Rate:     Cx Min:        0 bps  Cx Ave:  19.997 Mbps  Cx Max:  21.855 Mbps  All Cx: 899.852 Mbps
Upload Rate:       Cx Min:        0 bps  Cx Ave:        0 bps  Cx Max:        0 bps  All Cx:        0 bps
                                                                                     Total: 899.852 Mbps
Aggregated Rate:   Min:           0 bps  Avg:     19.997 Mbps  Max:     21.855 Mbps
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02042-A udp--1.eth2-01.sta02043-A udp--1.eth2-01.sta02044-A

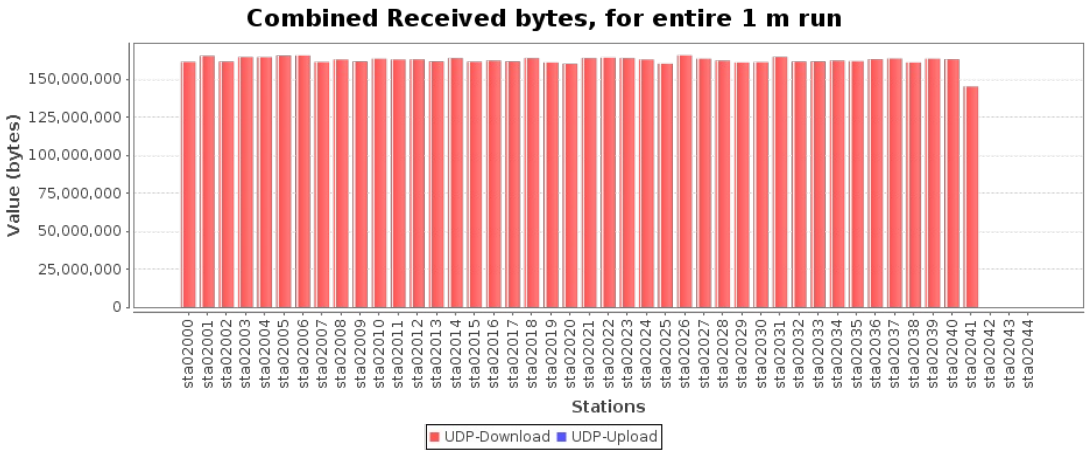
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  22222222 (22.222 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                              Total:    1000000000 (   1 Gbps)
Station count: 45   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Amount:
Download Amount:   Cx Min:          0 B  Cx Ave:   144.595 MB  Cx Max:    158.09 MB  All Cx:     6.354 GB
Upload Amount:     Cx Min:          0 B  Cx Ave:          0 B  Cx Max:          0 B  All Cx:          0 B
                                                                                     Total:      6.354 GB
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02042-A udp--1.eth2-01.sta02043-A udp--1.eth2-01.sta02044-A

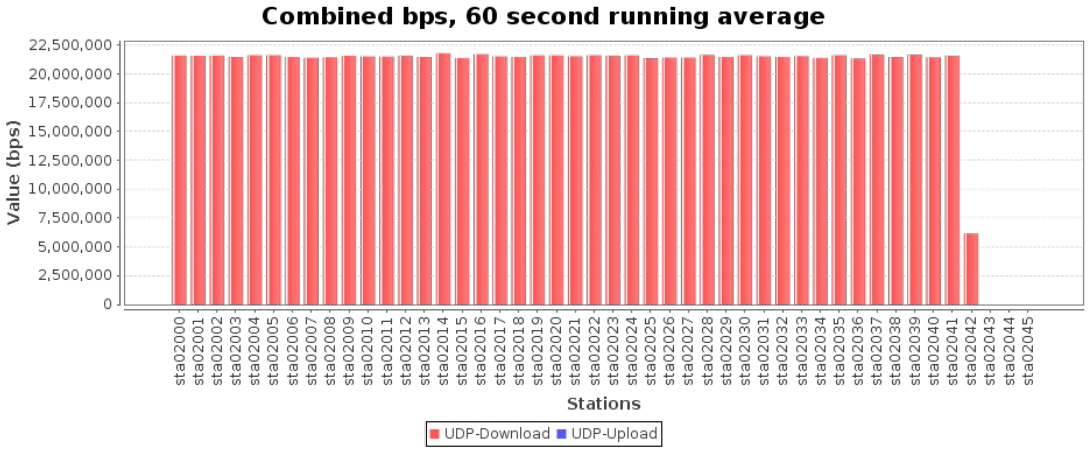
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  21739130 (21.739 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                              Total:    1000000000 (   1 Gbps)
Station count: 46   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Rate:
Download Rate:     Cx Min:        0 bps  Cx Ave:  19.786 Mbps  Cx Max:  21.782 Mbps  All Cx: 910.154 Mbps
Upload Rate:       Cx Min:        0 bps  Cx Ave:        0 bps  Cx Max:        0 bps  All Cx:        0 bps
                                                                                     Total: 910.154 Mbps
Aggregated Rate:   Min:           0 bps  Avg:     19.786 Mbps  Max:     21.782 Mbps
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02043-A udp--1.eth2-01.sta02044-A udp--1.eth2-01.sta02045-A

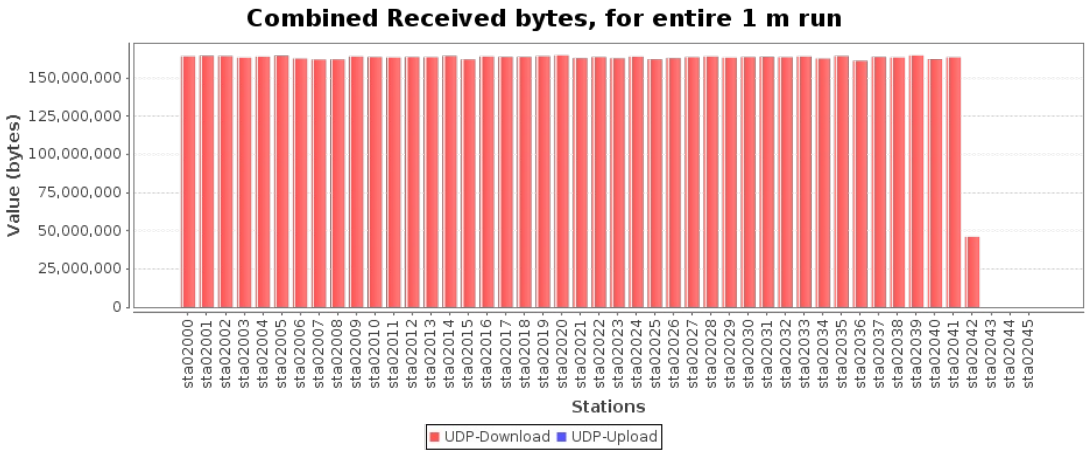
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  21739130 (21.739 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                              Total:    1000000000 (   1 Gbps)
Station count: 46   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Amount:
Download Amount:   Cx Min:          0 B  Cx Ave:   143.275 MB  Cx Max:   157.095 MB  All Cx:     6.436 GB
Upload Amount:     Cx Min:          0 B  Cx Ave:          0 B  Cx Max:          0 B  All Cx:          0 B
                                                                                     Total:      6.436 GB
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02043-A udp--1.eth2-01.sta02044-A udp--1.eth2-01.sta02045-A

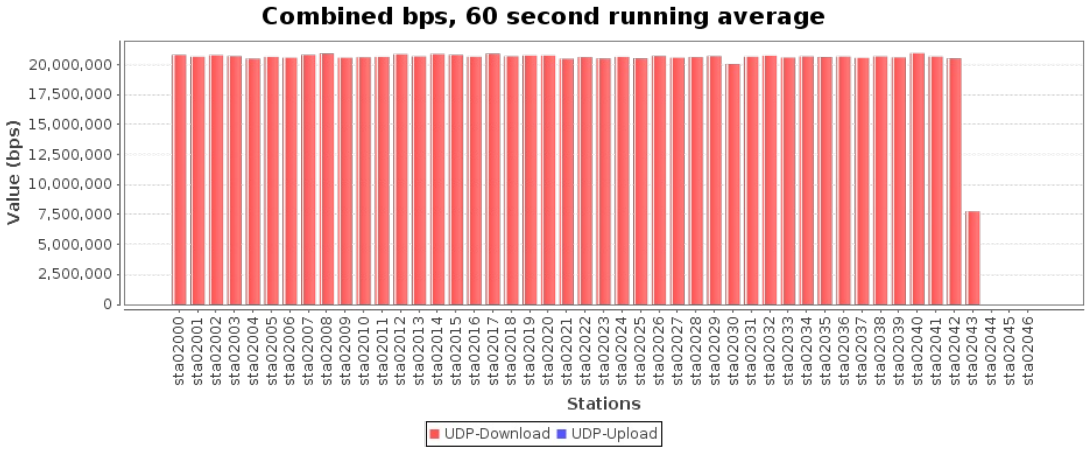
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  21276595 (21.277 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                              Total:    1000000000 (   1 Gbps)
Station count: 47   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Rate:
Download Rate:     Cx Min:        0 bps  Cx Ave:  19.083 Mbps  Cx Max:   20.96 Mbps  All Cx: 896.898 Mbps
Upload Rate:       Cx Min:        0 bps  Cx Ave:        0 bps  Cx Max:        0 bps  All Cx:        0 bps
                                                                                     Total: 896.898 Mbps
Aggregated Rate:   Min:           0 bps  Avg:     19.083 Mbps  Max:      20.96 Mbps
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02044-A udp--1.eth2-01.sta02045-A udp--1.eth2-01.sta02046-A

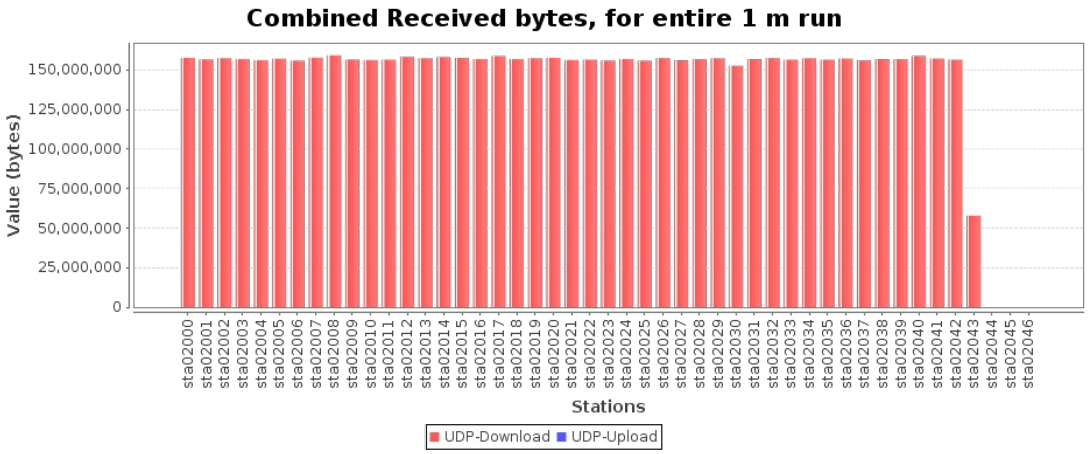
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  21276595 (21.277 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                                Total:    1000000000 (   1 Gbps)
Station count: 47   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Amount:
Download Amount:   Cx Min:          0 B  Cx Ave:   138.178 MB  Cx Max:   151.923 MB  All Cx:     6.342 GB
Upload Amount:     Cx Min:          0 B  Cx Ave:          0 B  Cx Max:          0 B  All Cx:          0 B
                                                                                     Total:      6.342 GB
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02044-A udp--1.eth2-01.sta02045-A udp--1.eth2-01.sta02046-A

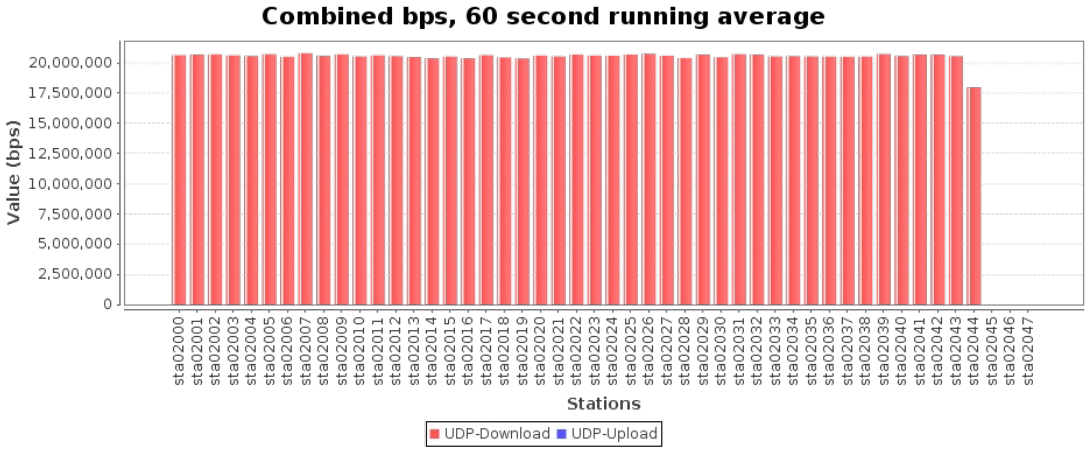
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  20833333 (20.833 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                                Total:    1000000000 (   1 Gbps)
Station count: 48   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Rate:
Download Rate:     Cx Min:        0 bps  Cx Ave:  19.244 Mbps  Cx Max:  20.797 Mbps  All Cx: 923.734 Mbps
Upload Rate:       Cx Min:        0 bps  Cx Ave:        0 bps  Cx Max:        0 bps  All Cx:        0 bps
                                                                                     Total: 923.734 Mbps
Aggregated Rate:   Min:           0 bps  Avg:     19.244 Mbps  Max:     20.797 Mbps
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02045-A udp--1.eth2-01.sta02046-A udp--1.eth2-01.sta02047-A

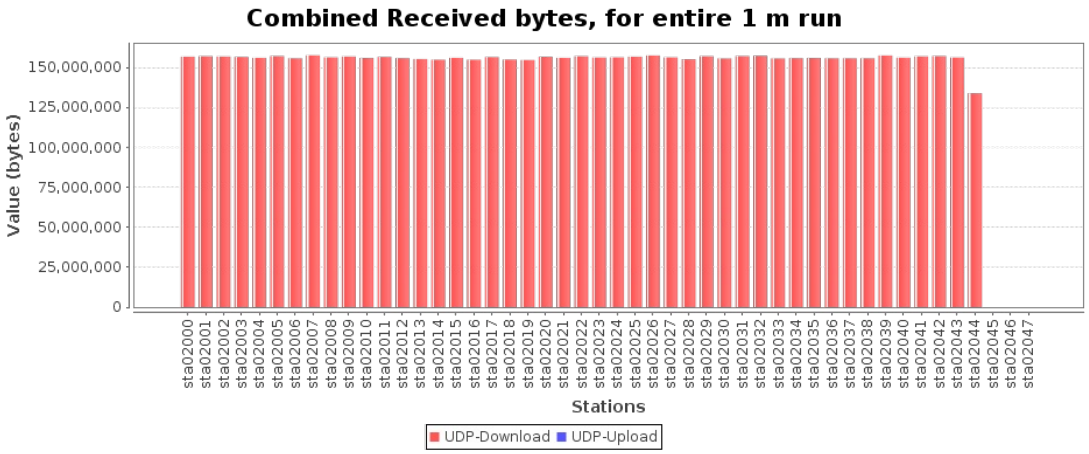
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  20833333 (20.833 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                              Total:    1000000000 (   1 Gbps)
Station count: 48   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Amount:
Download Amount:   Cx Min:          0 B  Cx Ave:   139.238 MB  Cx Max:   150.237 MB  All Cx:     6.527 GB
Upload Amount:     Cx Min:          0 B  Cx Ave:          0 B  Cx Max:          0 B  All Cx:          0 B
                                                                                     Total:      6.527 GB
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02045-A udp--1.eth2-01.sta02046-A udp--1.eth2-01.sta02047-A

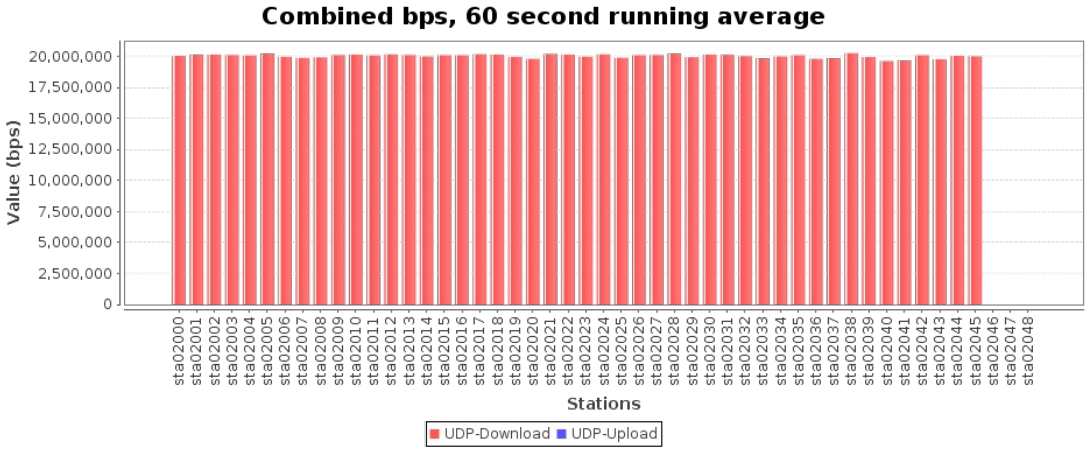
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  20408163 (20.408 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                              Total:    1000000000 (   1 Gbps)
Station count: 49   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Rate:
Download Rate:     Cx Min:        0 bps  Cx Ave:  18.824 Mbps  Cx Max:  20.276 Mbps  All Cx: 922.383 Mbps
Upload Rate:       Cx Min:        0 bps  Cx Ave:        0 bps  Cx Max:        0 bps  All Cx:        0 bps
                                                                                     Total: 922.383 Mbps
Aggregated Rate:   Min:           0 bps  Avg:     18.824 Mbps  Max:     20.276 Mbps
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02046-A udp--1.eth2-01.sta02047-A udp--1.eth2-01.sta02048-A

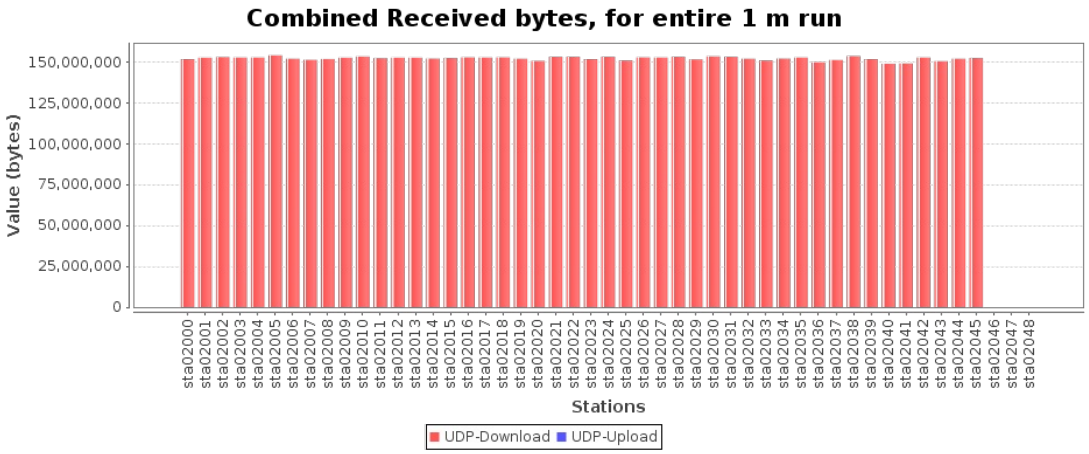
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  20408163 (20.408 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                              Total:    1000000000 (   1 Gbps)
Station count: 49   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Amount:
Download Amount:   Cx Min:          0 B  Cx Ave:   136.393 MB  Cx Max:    147.08 MB  All Cx:     6.527 GB
Upload Amount:     Cx Min:          0 B  Cx Ave:          0 B  Cx Max:          0 B  All Cx:          0 B
                                                                                     Total:      6.527 GB
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02046-A udp--1.eth2-01.sta02047-A udp--1.eth2-01.sta02048-A

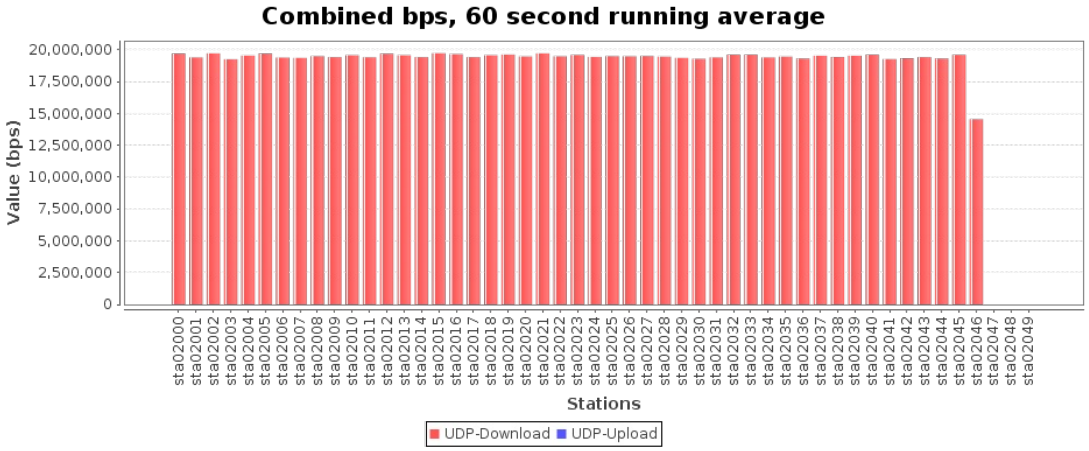
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  20000000 (  20 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                              Total:    1000000000 (   1 Gbps)
Station count: 50   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Rate:
Download Rate:     Cx Min:        0 bps  Cx Ave:  18.234 Mbps  Cx Max:  19.734 Mbps  All Cx: 911.689 Mbps
Upload Rate:       Cx Min:        0 bps  Cx Ave:        0 bps  Cx Max:        0 bps  All Cx:        0 bps
                                                                                     Total: 911.689 Mbps
Aggregated Rate:   Min:           0 bps  Avg:     18.234 Mbps  Max:     19.734 Mbps
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02047-A udp--1.eth2-01.sta02048-A udp--1.eth2-01.sta02049-A

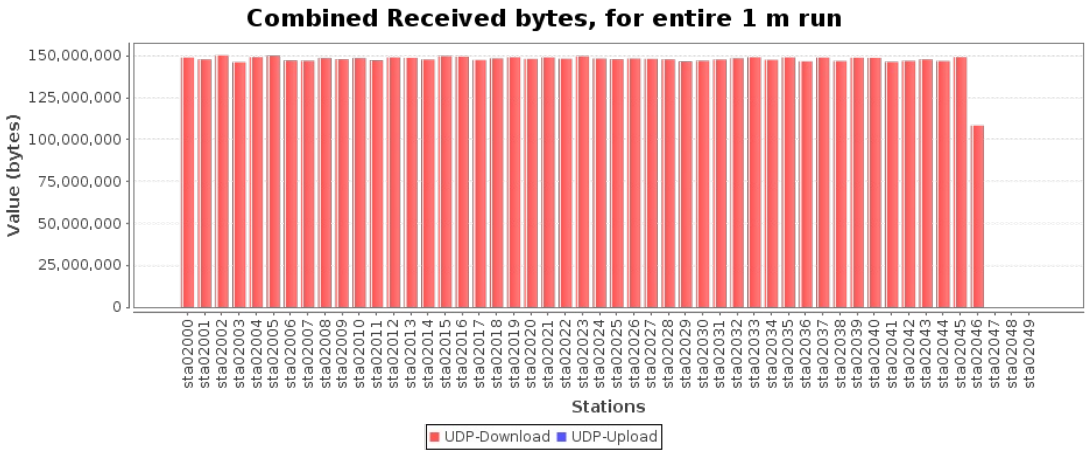
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  20000000 (  20 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                              Total:    1000000000 (   1 Gbps)
Station count: 50   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Amount:
Download Amount:   Cx Min:          0 B  Cx Ave:    132.15 MB  Cx Max:   143.344 MB  All Cx:     6.453 GB
Upload Amount:     Cx Min:          0 B  Cx Ave:          0 B  Cx Max:          0 B  All Cx:          0 B
                                                                                     Total:      6.453 GB
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02047-A udp--1.eth2-01.sta02048-A udp--1.eth2-01.sta02049-A

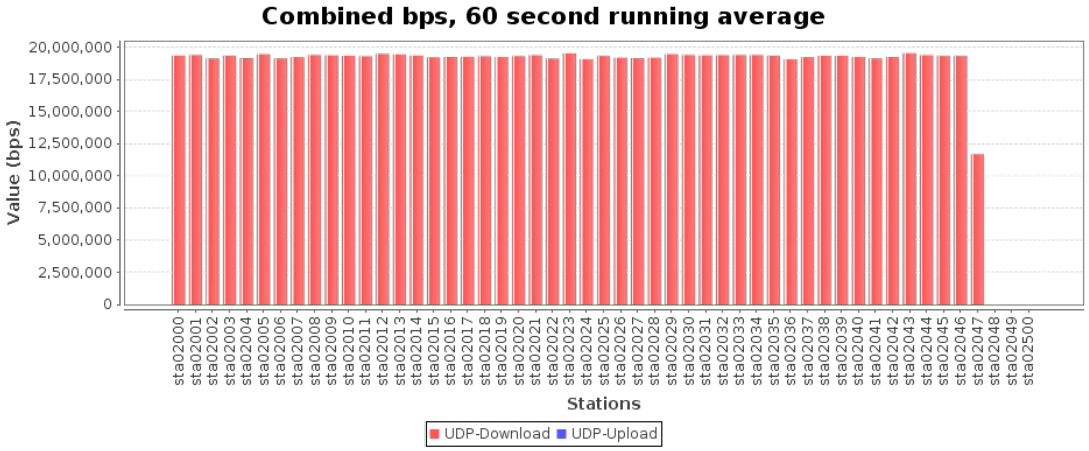
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  19607843 (19.608 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                              Total:    1000000000 (   1 Gbps)
Station count: 51   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Rate:
Download Rate:     Cx Min:        0 bps  Cx Ave:  18.001 Mbps  Cx Max:  19.518 Mbps  All Cx: 918.072 Mbps
Upload Rate:       Cx Min:        0 bps  Cx Ave:        0 bps  Cx Max:        0 bps  All Cx:        0 bps
                                                                                     Total: 918.072 Mbps
Aggregated Rate:   Min:           0 bps  Avg:     18.001 Mbps  Max:     19.518 Mbps
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02048-A udp--1.eth2-01.sta02049-A udp--1.eth2-01.sta02500-A

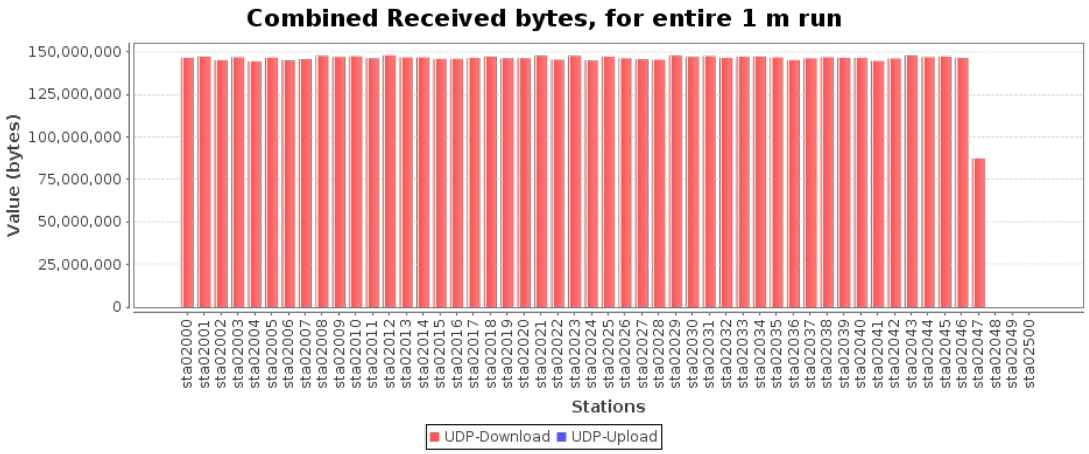
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  19607843 (19.608 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                              Total:    1000000000 (   1 Gbps)
Station count: 51   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Amount:
Download Amount:   Cx Min:          0 B  Cx Ave:   130.438 MB  Cx Max:   141.182 MB  All Cx:     6.496 GB
Upload Amount:     Cx Min:          0 B  Cx Ave:          0 B  Cx Max:          0 B  All Cx:          0 B
                                                                                     Total:      6.496 GB
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02048-A udp--1.eth2-01.sta02049-A udp--1.eth2-01.sta02500-A

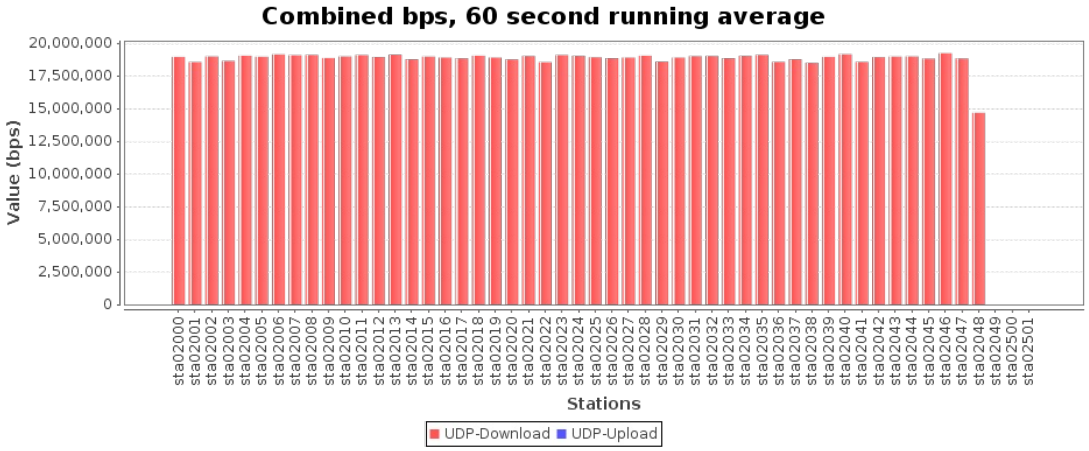
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  19230769 (19.231 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                              Total:    1000000000 (   1 Gbps)
Station count: 52   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Rate:
Download Rate:     Cx Min:        0 bps  Cx Ave:  17.754 Mbps  Cx Max:  19.247 Mbps  All Cx: 923.217 Mbps
Upload Rate:       Cx Min:        0 bps  Cx Ave:        0 bps  Cx Max:        0 bps  All Cx:        0 bps
                                                                                     Total: 923.217 Mbps
Aggregated Rate:   Min:           0 bps  Avg:     17.754 Mbps  Max:     19.247 Mbps
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02049-A udp--1.eth2-01.sta02500-A udp--1.eth2-01.sta02501-A

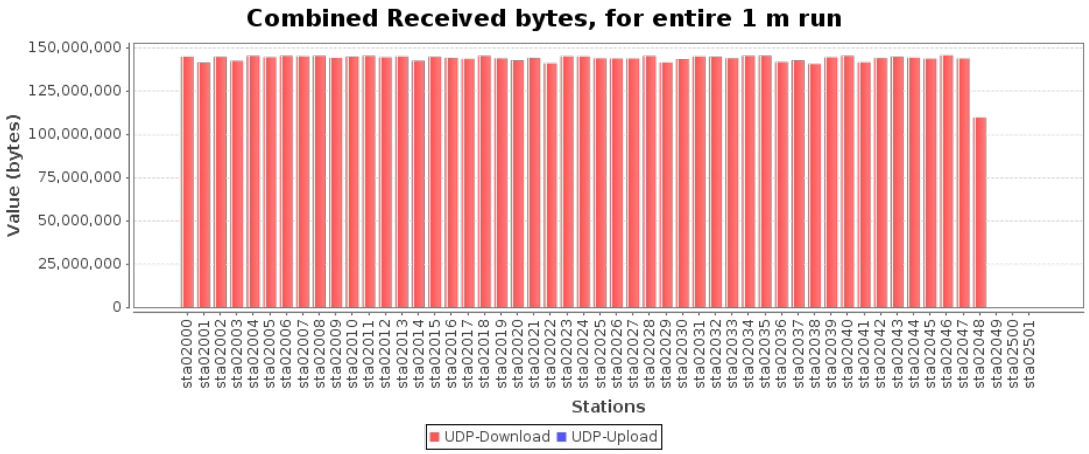
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  19230769 (19.231 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                                Total:    1000000000 (   1 Gbps)
Station count: 52   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Amount:
Download Amount:   Cx Min:          0 B  Cx Ave:   128.636 MB  Cx Max:    138.71 MB  All Cx:     6.532 GB
Upload Amount:     Cx Min:          0 B  Cx Ave:          0 B  Cx Max:          0 B  All Cx:          0 B
                                                                                     Total:      6.532 GB
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02049-A udp--1.eth2-01.sta02500-A udp--1.eth2-01.sta02501-A

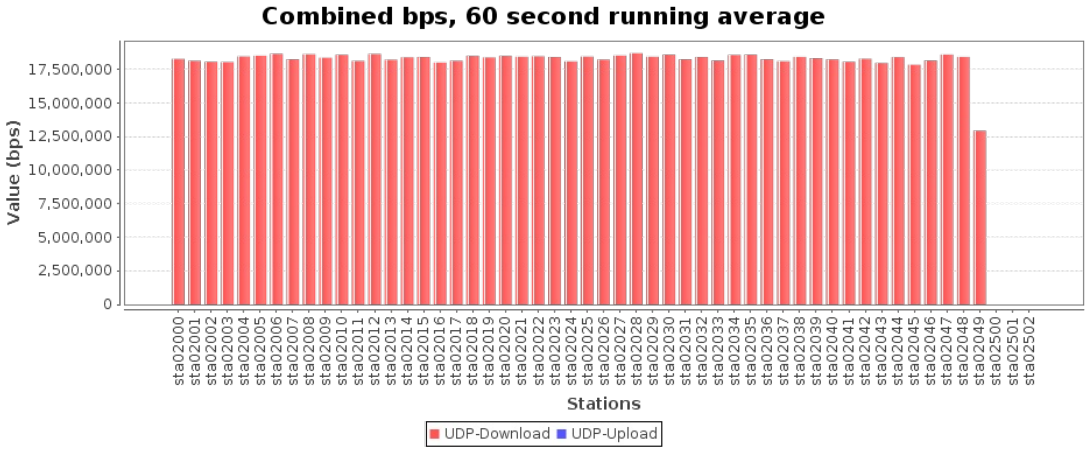
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  18867924 (18.868 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                                Total:    1000000000 (   1 Gbps)
Station count: 53   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Rate:
Download Rate:     Cx Min:        0 bps  Cx Ave:  17.206 Mbps  Cx Max:  18.705 Mbps  All Cx: 911.908 Mbps
Upload Rate:       Cx Min:        0 bps  Cx Ave:        0 bps  Cx Max:        0 bps  All Cx:        0 bps
                                                                                     Total: 911.908 Mbps
Aggregated Rate:   Min:           0 bps  Avg:     17.206 Mbps  Max:     18.705 Mbps
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02500-A udp--1.eth2-01.sta02501-A udp--1.eth2-01.sta02502-A

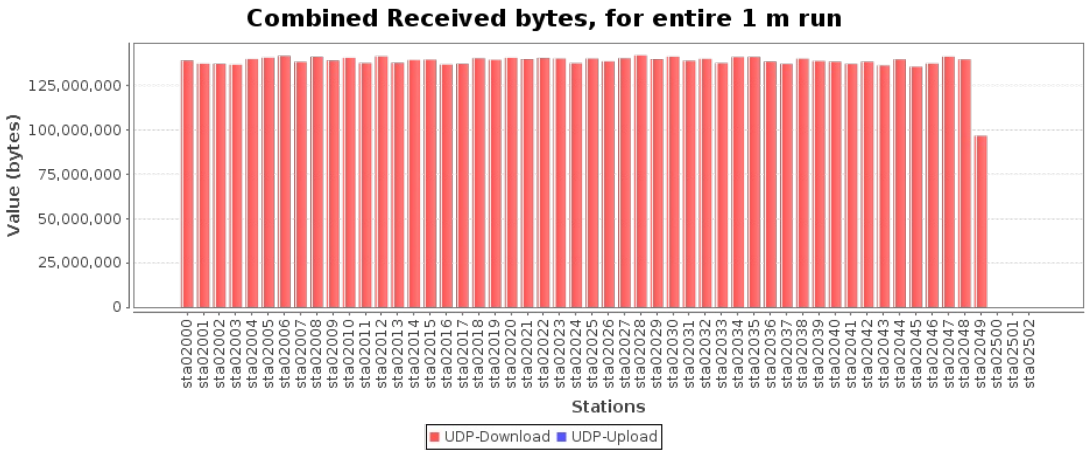
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  18867924 (18.868 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                              Total:    1000000000 (   1 Gbps)
Station count: 53   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Amount:
Download Amount:   Cx Min:          0 B  Cx Ave:   124.741 MB  Cx Max:   135.736 MB  All Cx:     6.456 GB
Upload Amount:     Cx Min:          0 B  Cx Ave:          0 B  Cx Max:          0 B  All Cx:          0 B
                                                                                     Total:      6.456 GB
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02500-A udp--1.eth2-01.sta02501-A udp--1.eth2-01.sta02502-A

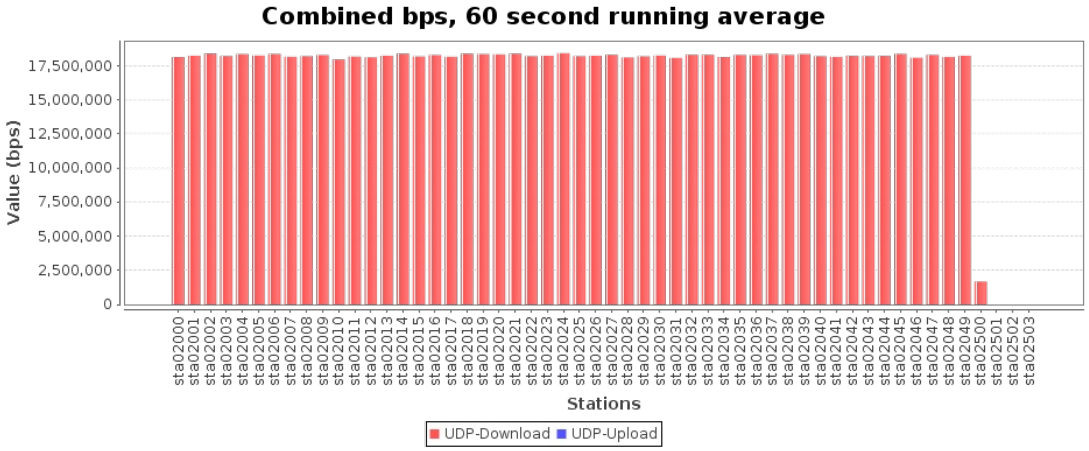
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  18518518 (18.519 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                              Total:    1000000000 (   1 Gbps)
Station count: 54   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Rate:
Download Rate:     Cx Min:        0 bps  Cx Ave:  16.918 Mbps  Cx Max:   18.41 Mbps  All Cx: 913.549 Mbps
Upload Rate:       Cx Min:        0 bps  Cx Ave:        0 bps  Cx Max:        0 bps  All Cx:        0 bps
                                                                                     Total: 913.549 Mbps
Aggregated Rate:   Min:           0 bps  Avg:     16.918 Mbps  Max:      18.41 Mbps
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02501-A udp--1.eth2-01.sta02502-A udp--1.eth2-01.sta02503-A

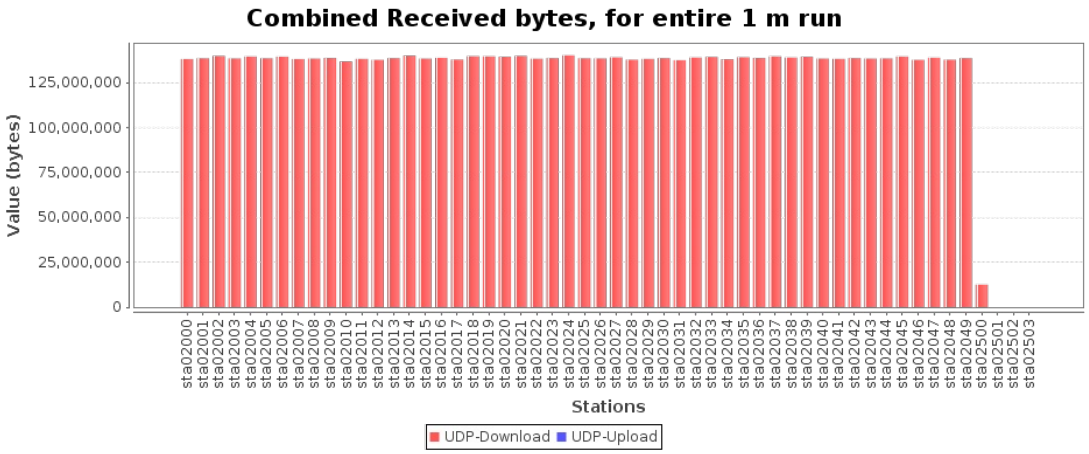
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  18518518 (18.519 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                                Total:    1000000000 (   1 Gbps)
Station count: 54   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Amount:
Download Amount:   Cx Min:          0 B  Cx Ave:   122.783 MB  Cx Max:   133.782 MB  All Cx:     6.475 GB
Upload Amount:     Cx Min:          0 B  Cx Ave:          0 B  Cx Max:          0 B  All Cx:          0 B
                                                                                     Total:      6.475 GB
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02501-A udp--1.eth2-01.sta02502-A udp--1.eth2-01.sta02503-A

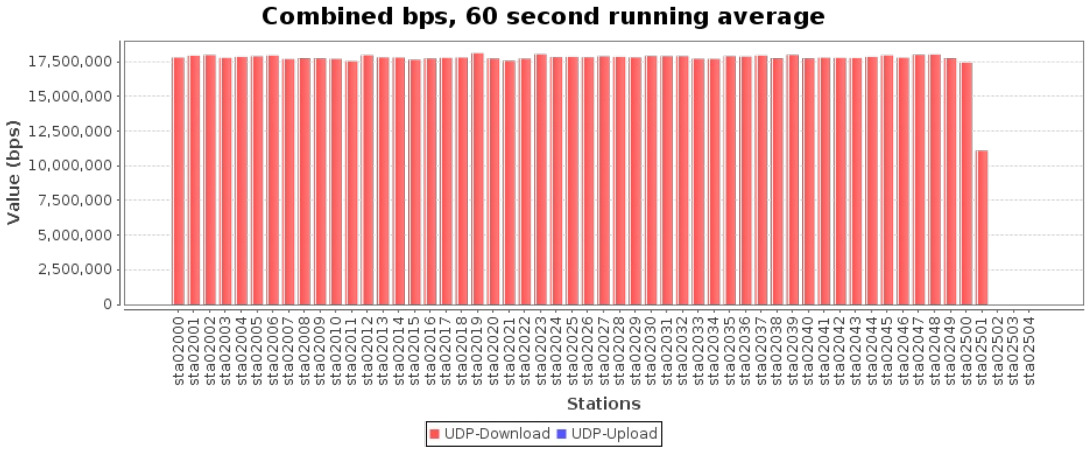
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  18181818 (18.182 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                                Total:    1000000000 (   1 Gbps)
Station count: 55   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Rate:
Download Rate:     Cx Min:        0 bps  Cx Ave:   16.73 Mbps  Cx Max:  18.117 Mbps  All Cx: 920.141 Mbps
Upload Rate:       Cx Min:        0 bps  Cx Ave:        0 bps  Cx Max:        0 bps  All Cx:        0 bps
                                                                                     Total: 920.141 Mbps
Aggregated Rate:   Min:           0 bps  Avg:      16.73 Mbps  Max:     18.117 Mbps
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02502-A udp--1.eth2-01.sta02503-A udp--1.eth2-01.sta02504-A

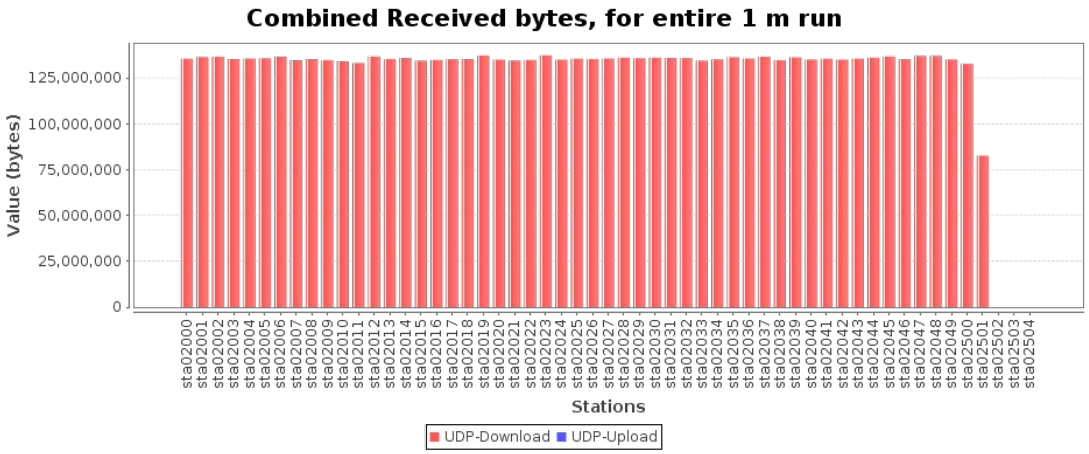
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  18181818 (18.182 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                                Total:    1000000000 (   1 Gbps)
Station count: 55   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Amount:
Download Amount:   Cx Min:          0 B  Cx Ave:    121.34 MB  Cx Max:   131.064 MB  All Cx:     6.517 GB
Upload Amount:     Cx Min:          0 B  Cx Ave:          0 B  Cx Max:          0 B  All Cx:          0 B
                                                                                     Total:      6.517 GB
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02502-A udp--1.eth2-01.sta02503-A udp--1.eth2-01.sta02504-A

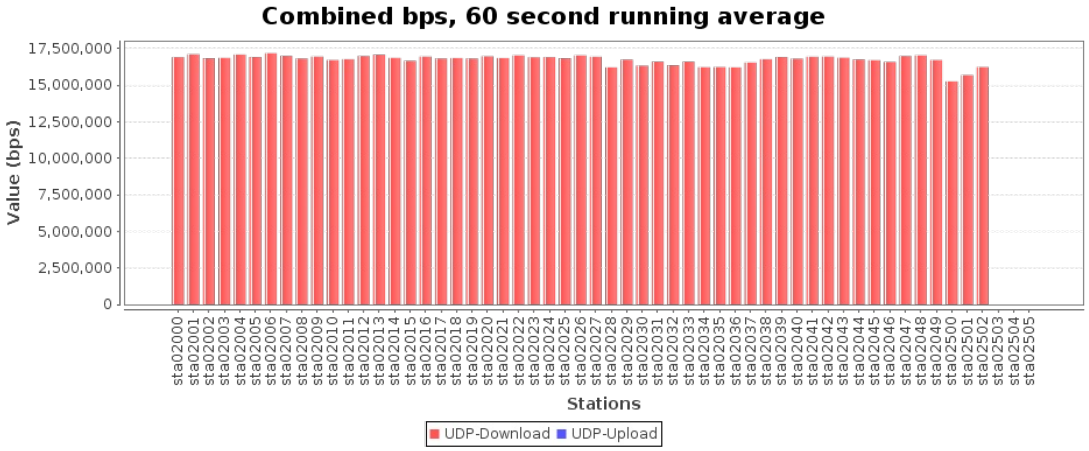
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  17857142 (17.857 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                                Total:    1000000000 (   1 Gbps)
Station count: 56   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Rate:
Download Rate:     Cx Min:        0 bps  Cx Ave:  15.845 Mbps  Cx Max:  17.187 Mbps  All Cx: 887.341 Mbps
Upload Rate:       Cx Min:        0 bps  Cx Ave:        0 bps  Cx Max:        0 bps  All Cx:        0 bps
                                                                                     Total: 887.341 Mbps
Aggregated Rate:   Min:           0 bps  Avg:     15.845 Mbps  Max:     17.187 Mbps
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02503-A udp--1.eth2-01.sta02504-A udp--1.eth2-01.sta02505-A

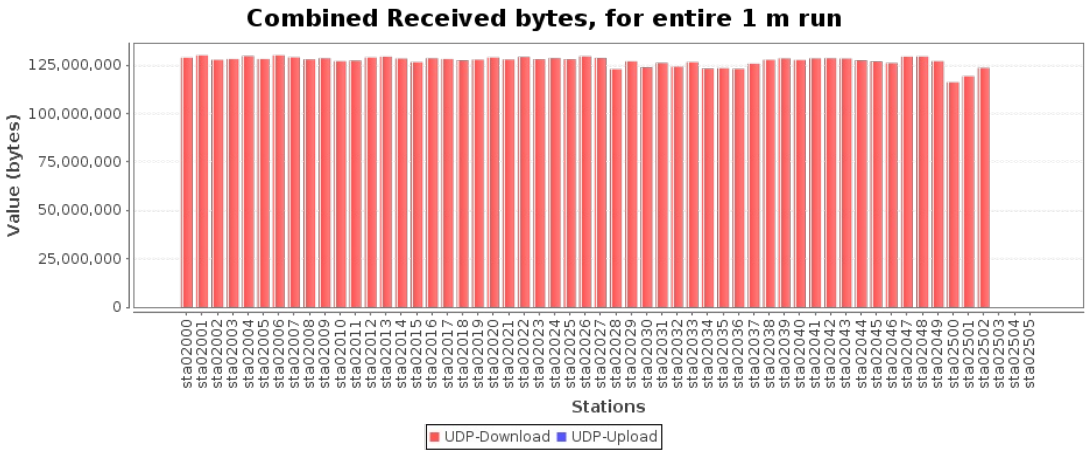
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  17857142 (17.857 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                                Total:    1000000000 (   1 Gbps)
Station count: 56   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Amount:
Download Amount:   Cx Min:          0 B  Cx Ave:   114.775 MB  Cx Max:   124.069 MB  All Cx:     6.277 GB
Upload Amount:     Cx Min:          0 B  Cx Ave:          0 B  Cx Max:          0 B  All Cx:          0 B
                                                                                     Total:      6.277 GB
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02503-A udp--1.eth2-01.sta02504-A udp--1.eth2-01.sta02505-A

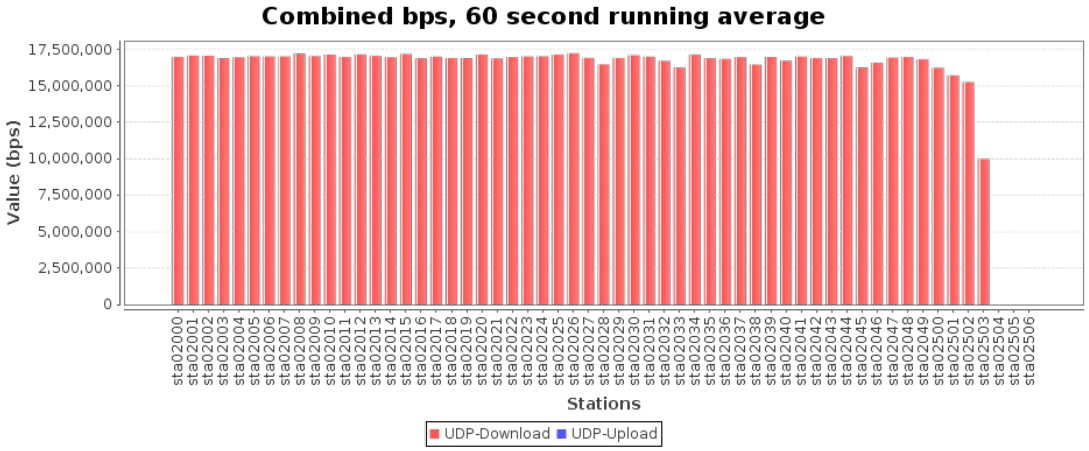
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  17543859 (17.544 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                                Total:    1000000000 (   1 Gbps)
Station count: 57   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Rate:
Download Rate:     Cx Min:        0 bps  Cx Ave:  15.853 Mbps  Cx Max:  17.234 Mbps  All Cx: 903.645 Mbps
Upload Rate:       Cx Min:        0 bps  Cx Ave:        0 bps  Cx Max:        0 bps  All Cx:        0 bps
                                                                                     Total: 903.645 Mbps
Aggregated Rate:   Min:           0 bps  Avg:     15.853 Mbps  Max:     17.234 Mbps
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02504-A udp--1.eth2-01.sta02505-A udp--1.eth2-01.sta02506-A

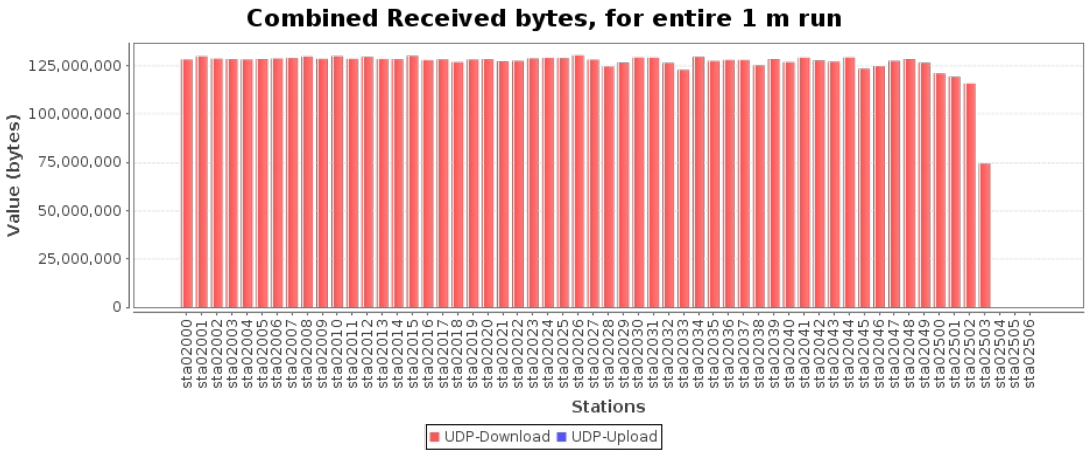
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  17543859 (17.544 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                                Total:    1000000000 (   1 Gbps)
Station count: 57   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Amount:
Download Amount:   Cx Min:          0 B  Cx Ave:   114.137 MB  Cx Max:   124.205 MB  All Cx:     6.353 GB
Upload Amount:     Cx Min:          0 B  Cx Ave:          0 B  Cx Max:          0 B  All Cx:          0 B
                                                                                     Total:      6.353 GB
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02504-A udp--1.eth2-01.sta02505-A udp--1.eth2-01.sta02506-A

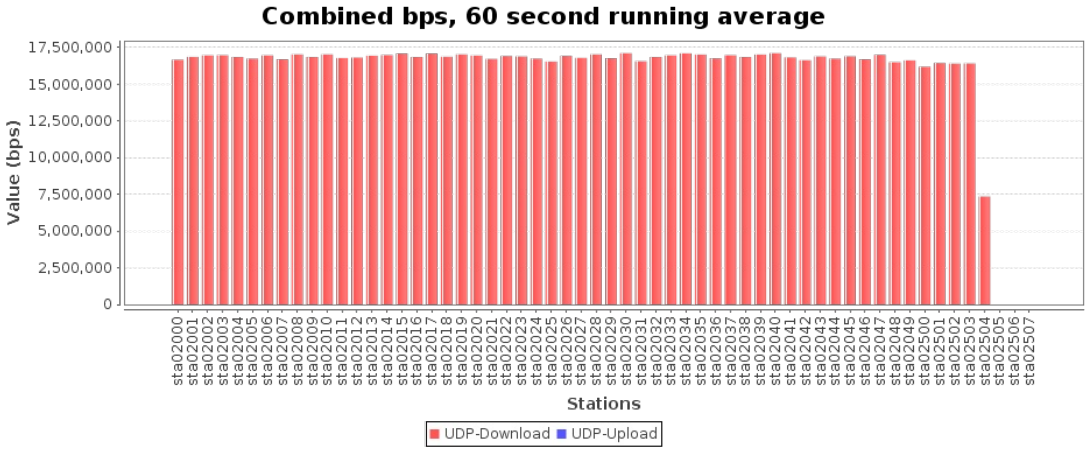
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  17241379 (17.241 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                                Total:    1000000000 (   1 Gbps)
Station count: 58   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Rate:
Download Rate:     Cx Min:        0 bps  Cx Ave:  15.804 Mbps  Cx Max:  17.115 Mbps  All Cx: 916.607 Mbps
Upload Rate:       Cx Min:        0 bps  Cx Ave:        0 bps  Cx Max:        0 bps  All Cx:        0 bps
                                                                                     Total: 916.607 Mbps
Aggregated Rate:   Min:           0 bps  Avg:     15.804 Mbps  Max:     17.115 Mbps
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02505-A udp--1.eth2-01.sta02506-A udp--1.eth2-01.sta02507-A

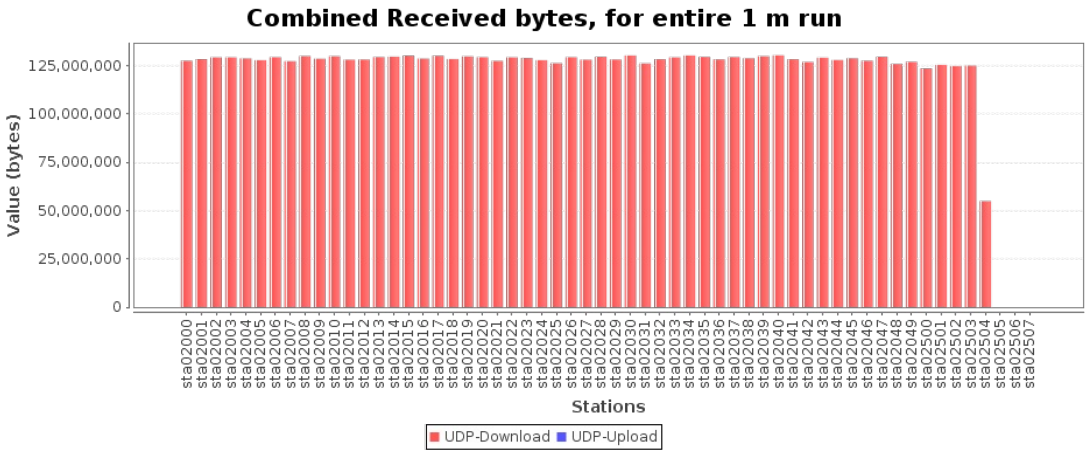
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  17241379 (17.241 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                                Total:    1000000000 (   1 Gbps)
Station count: 58   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Amount:
Download Amount:   Cx Min:          0 B  Cx Ave:   114.809 MB  Cx Max:   124.192 MB  All Cx:     6.503 GB
Upload Amount:     Cx Min:          0 B  Cx Ave:          0 B  Cx Max:          0 B  All Cx:          0 B
                                                                                     Total:      6.503 GB
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02505-A udp--1.eth2-01.sta02506-A udp--1.eth2-01.sta02507-A

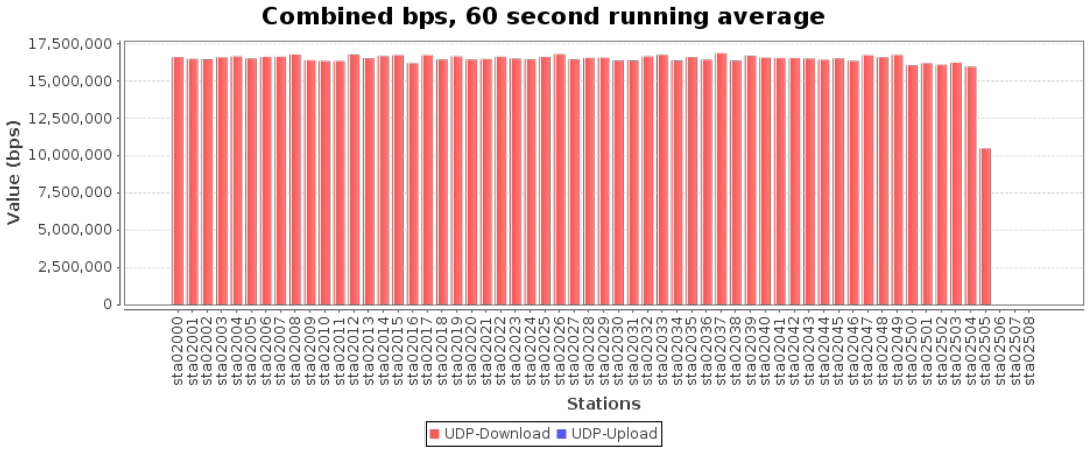
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  16949152 (16.949 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                                Total:    1000000000 (   1 Gbps)
Station count: 59   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Rate:
Download Rate:     Cx Min:        0 bps  Cx Ave:  15.559 Mbps  Cx Max:  16.856 Mbps  All Cx: 917.972 Mbps
Upload Rate:       Cx Min:        0 bps  Cx Ave:        0 bps  Cx Max:        0 bps  All Cx:        0 bps
                                                                                     Total: 917.972 Mbps
Aggregated Rate:   Min:           0 bps  Avg:     15.559 Mbps  Max:     16.856 Mbps
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02506-A udp--1.eth2-01.sta02507-A udp--1.eth2-01.sta02508-A

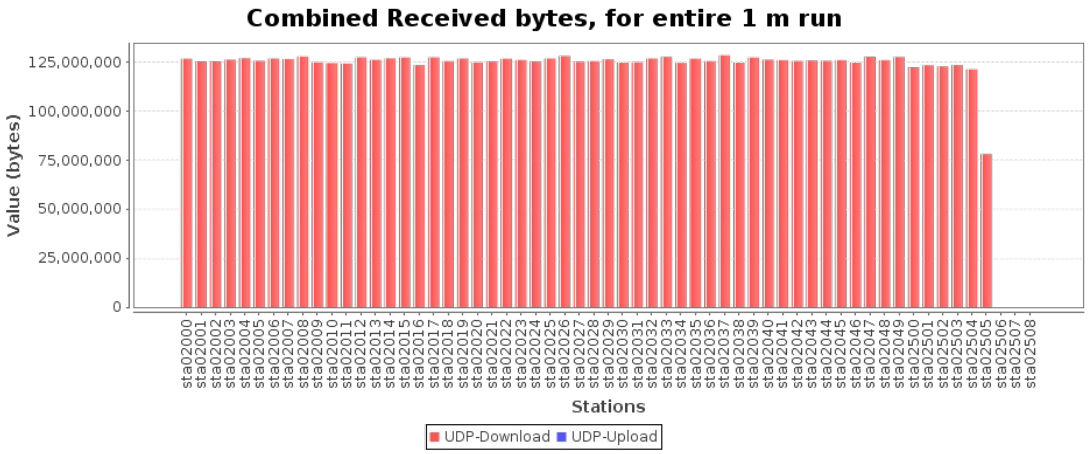
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  16949152 (16.949 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                                Total:    1000000000 (   1 Gbps)
Station count: 59   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Amount:
Download Amount:   Cx Min:          0 B  Cx Ave:   113.256 MB  Cx Max:   122.686 MB  All Cx:     6.525 GB
Upload Amount:     Cx Min:          0 B  Cx Ave:          0 B  Cx Max:          0 B  All Cx:          0 B
                                                                                     Total:      6.525 GB
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02506-A udp--1.eth2-01.sta02507-A udp--1.eth2-01.sta02508-A

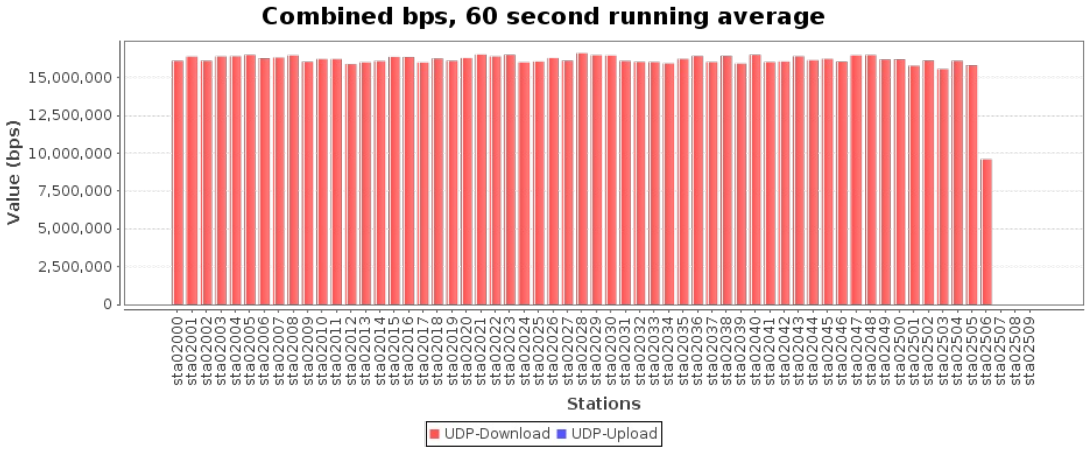
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  16666666 (16.667 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                                Total:    1000000000 (   1 Gbps)
Station count: 60   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Rate:
Download Rate:     Cx Min:        0 bps  Cx Ave:  15.299 Mbps  Cx Max:  16.623 Mbps  All Cx: 917.957 Mbps
Upload Rate:       Cx Min:        0 bps  Cx Ave:        0 bps  Cx Max:        0 bps  All Cx:        0 bps
                                                                                     Total: 917.957 Mbps
Aggregated Rate:   Min:           0 bps  Avg:     15.299 Mbps  Max:     16.623 Mbps
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02507-A udp--1.eth2-01.sta02508-A udp--1.eth2-01.sta02509-A

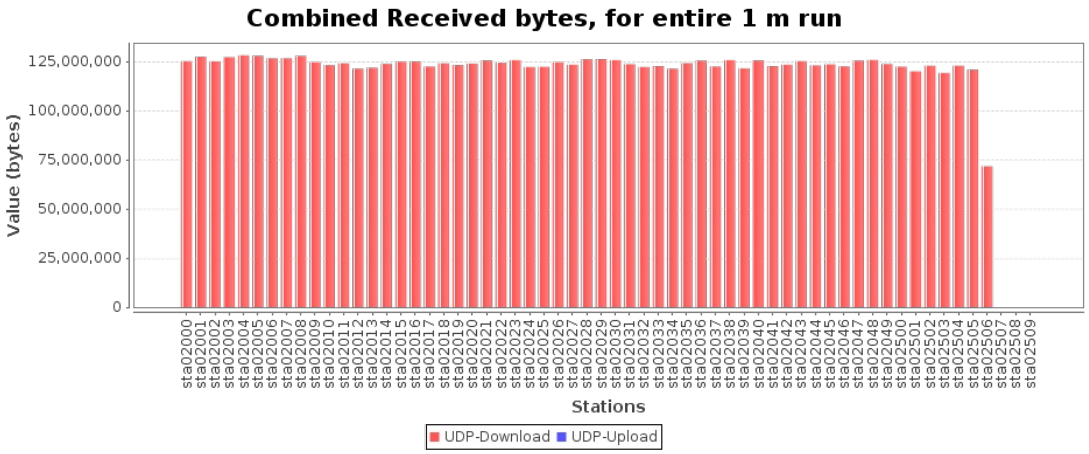
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  16666666 (16.667 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                                Total:    1000000000 (   1 Gbps)
Station count: 60   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Amount:
Download Amount:   Cx Min:          0 B  Cx Ave:   111.634 MB  Cx Max:   122.258 MB  All Cx:     6.541 GB
Upload Amount:     Cx Min:          0 B  Cx Ave:          0 B  Cx Max:          0 B  All Cx:          0 B
                                                                                     Total:      6.541 GB
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02507-A udp--1.eth2-01.sta02508-A udp--1.eth2-01.sta02509-A

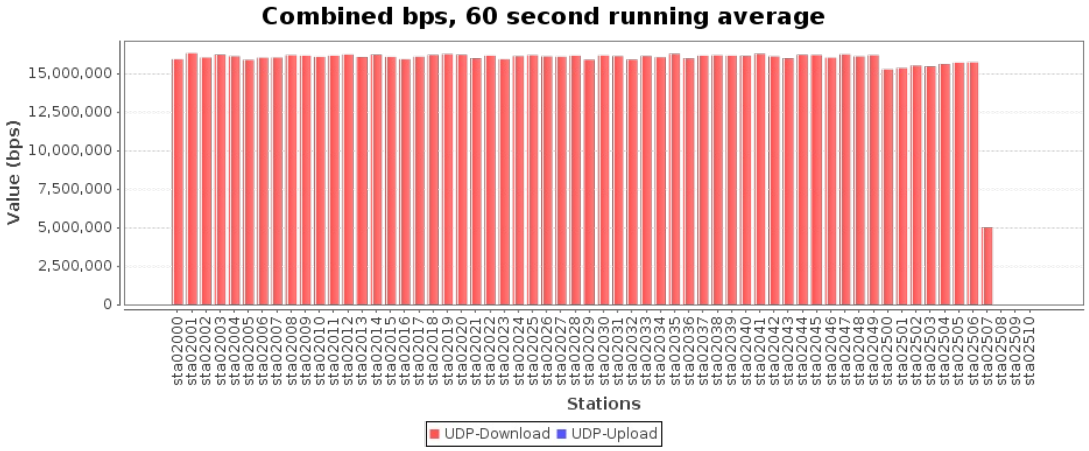
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  16393442 (16.393 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                                Total:    1000000000 (   1 Gbps)
Station count: 61   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Rate:
Download Rate:     Cx Min:        0 bps  Cx Ave:  15.082 Mbps  Cx Max:  16.328 Mbps  All Cx: 920.004 Mbps
Upload Rate:       Cx Min:        0 bps  Cx Ave:        0 bps  Cx Max:        0 bps  All Cx:        0 bps
                                                                                     Total: 920.004 Mbps
Aggregated Rate:   Min:           0 bps  Avg:     15.082 Mbps  Max:     16.328 Mbps
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02508-A udp--1.eth2-01.sta02509-A udp--1.eth2-01.sta02510-A

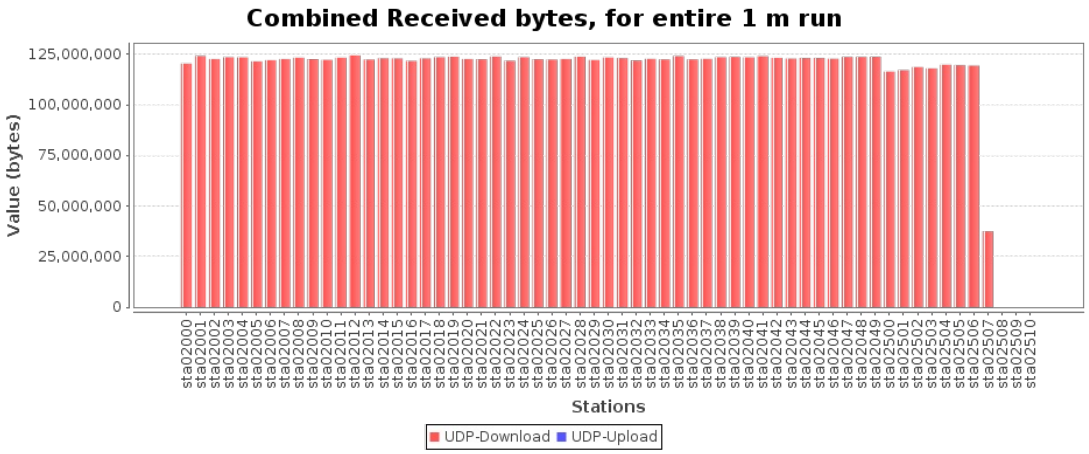
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  16393442 (16.393 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                                Total:    1000000000 (   1 Gbps)
Station count: 61   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Amount:
Download Amount:   Cx Min:          0 B  Cx Ave:   109.686 MB  Cx Max:   118.705 MB  All Cx:     6.534 GB
Upload Amount:     Cx Min:          0 B  Cx Ave:          0 B  Cx Max:          0 B  All Cx:          0 B
                                                                                     Total:      6.534 GB
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02508-A udp--1.eth2-01.sta02509-A udp--1.eth2-01.sta02510-A

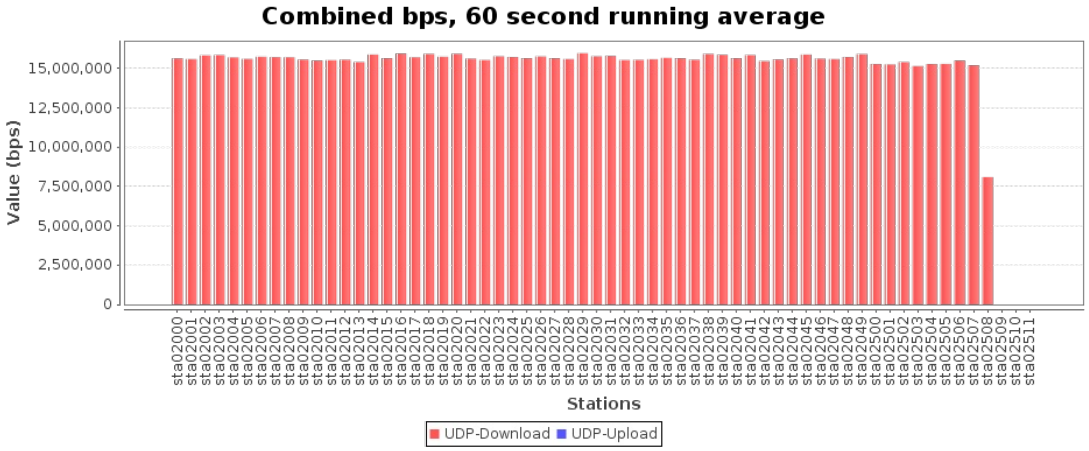
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  16129032 (16.129 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                                Total:    1000000000 (   1 Gbps)
Station count: 62   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Rate:
Download Rate:     Cx Min:        0 bps  Cx Ave:  14.775 Mbps  Cx Max:   15.98 Mbps  All Cx: 916.044 Mbps
Upload Rate:       Cx Min:        0 bps  Cx Ave:        0 bps  Cx Max:        0 bps  All Cx:        0 bps
                                                                                     Total: 916.044 Mbps
Aggregated Rate:   Min:           0 bps  Avg:     14.775 Mbps  Max:      15.98 Mbps
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02509-A udp--1.eth2-01.sta02510-A udp--1.eth2-01.sta02511-A

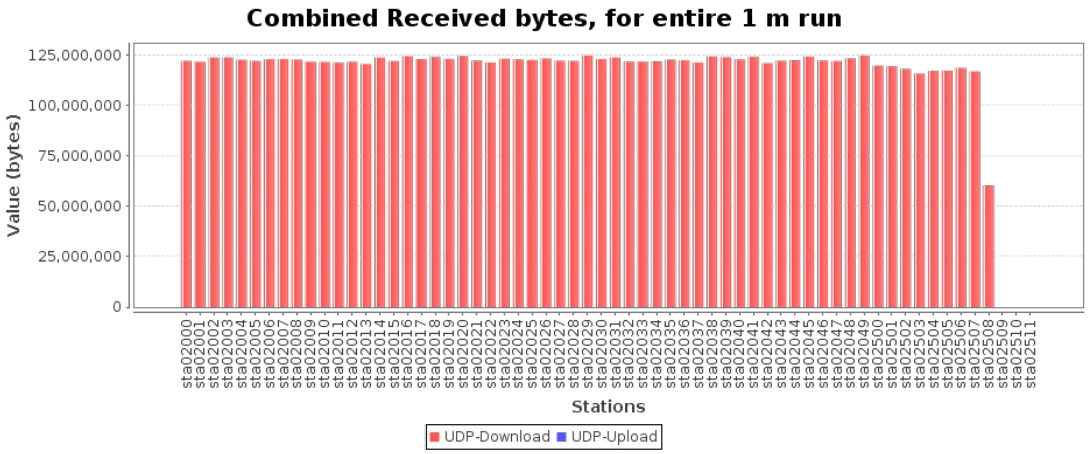
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  16129032 (16.129 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                              Total:    1000000000 (   1 Gbps)
Station count: 62   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Amount:
Download Amount:   Cx Min:          0 B  Cx Ave:   109.873 MB  Cx Max:   119.112 MB  All Cx:     6.652 GB
Upload Amount:     Cx Min:          0 B  Cx Ave:          0 B  Cx Max:          0 B  All Cx:          0 B
                                                                                     Total:      6.652 GB
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02509-A udp--1.eth2-01.sta02510-A udp--1.eth2-01.sta02511-A

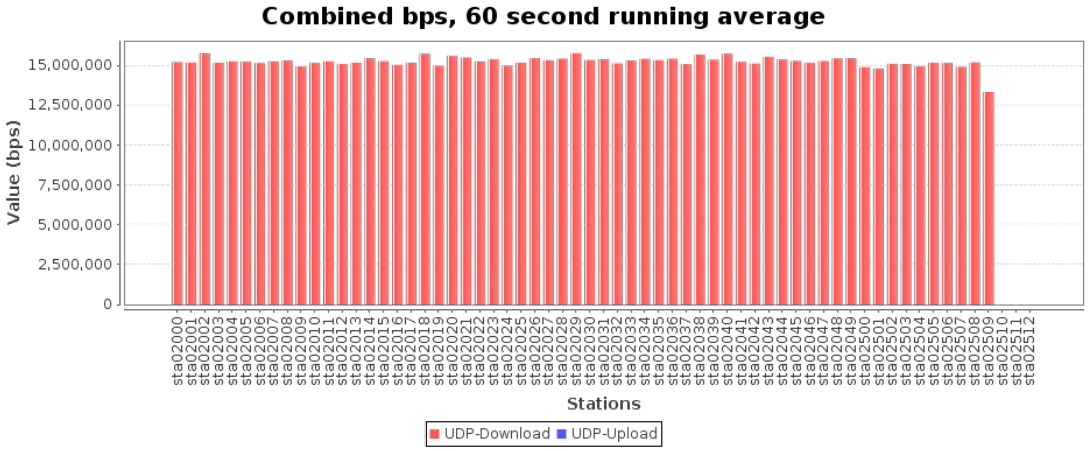
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  15873015 (15.873 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                              Total:    1000000000 (   1 Gbps)
Station count: 63   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Rate:
Download Rate:     Cx Min:        0 bps  Cx Ave:  14.509 Mbps  Cx Max:  15.764 Mbps  All Cx: 914.037 Mbps
Upload Rate:       Cx Min:        0 bps  Cx Ave:        0 bps  Cx Max:        0 bps  All Cx:        0 bps
                                                                                     Total: 914.037 Mbps
Aggregated Rate:   Min:           0 bps  Avg:     14.509 Mbps  Max:     15.764 Mbps
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02510-A udp--1.eth2-01.sta02511-A udp--1.eth2-01.sta02512-A

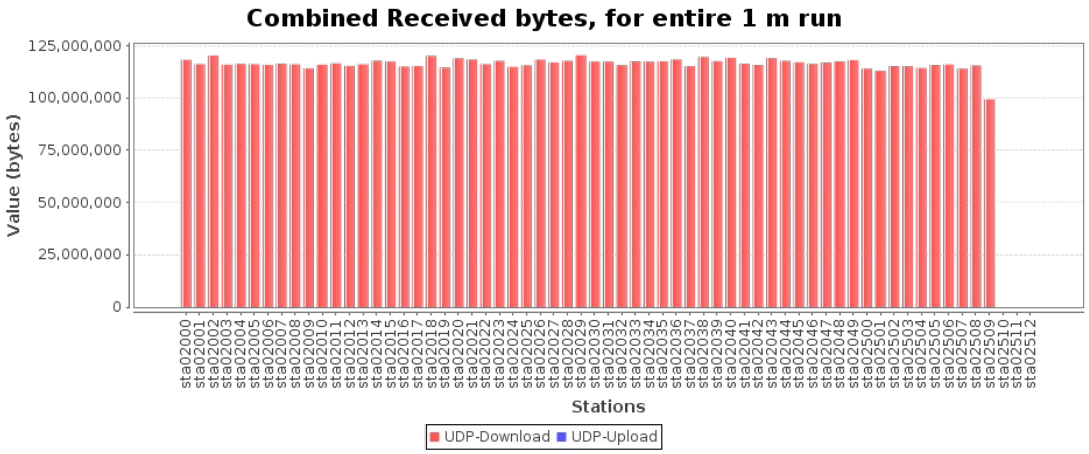
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  15873015 (15.873 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                                Total:    1000000000 (   1 Gbps)
Station count: 63   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Amount:
Download Amount:   Cx Min:          0 B  Cx Ave:   105.708 MB  Cx Max:   114.801 MB  All Cx:     6.504 GB
Upload Amount:     Cx Min:          0 B  Cx Ave:          0 B  Cx Max:          0 B  All Cx:          0 B
                                                                                     Total:      6.504 GB
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02510-A udp--1.eth2-01.sta02511-A udp--1.eth2-01.sta02512-A

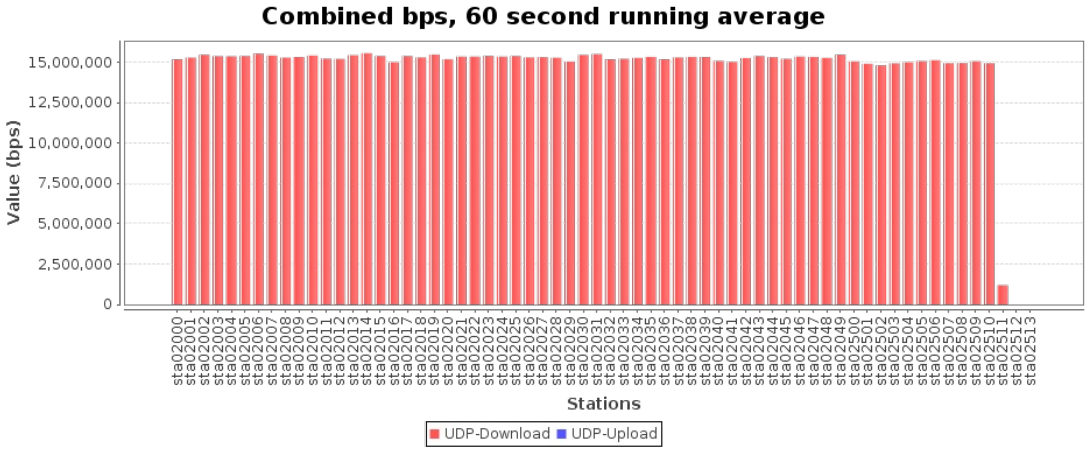
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  15625000 (15.625 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                                Total:    1000000000 (   1 Gbps)
Station count: 64   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Rate:
Download Rate:     Cx Min:        0 bps  Cx Ave:   14.57 Mbps  Cx Max:   15.57 Mbps  All Cx: 932.461 Mbps
Upload Rate:       Cx Min:        0 bps  Cx Ave:        0 bps  Cx Max:        0 bps  All Cx:        0 bps
                                                                                     Total: 932.461 Mbps
Aggregated Rate:   Min:           0 bps  Avg:      14.57 Mbps  Max:      15.57 Mbps
Non-Transmitting endpoints: (2)  udp--1.eth2-01.sta02512-A udp--1.eth2-01.sta02513-A

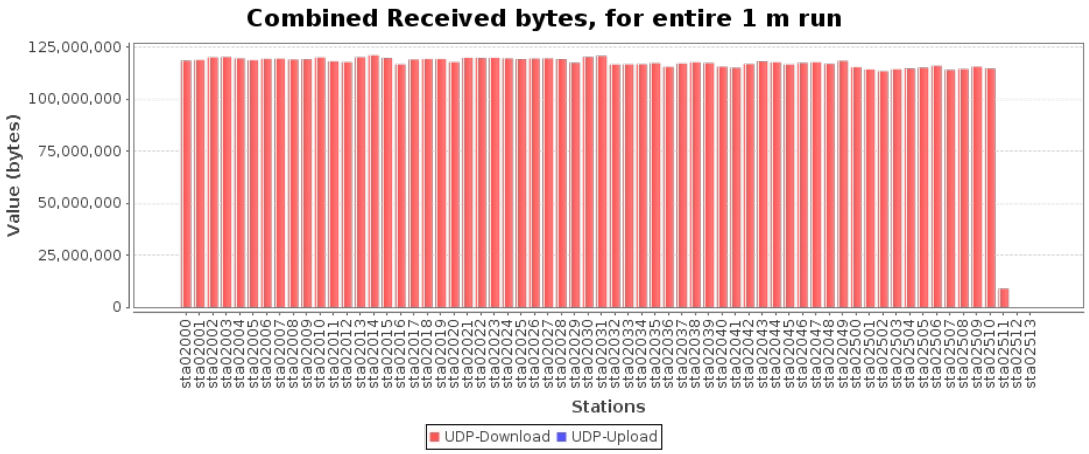
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  15625000 (15.625 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                              Total:    1000000000 (   1 Gbps)
Station count: 64   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Amount:
Download Amount:   Cx Min:          0 B  Cx Ave:   107.157 MB  Cx Max:   115.406 MB  All Cx:     6.697 GB
Upload Amount:     Cx Min:          0 B  Cx Ave:          0 B  Cx Max:          0 B  All Cx:          0 B
                                                                                     Total:      6.697 GB
Non-Transmitting endpoints: (2)  udp--1.eth2-01.sta02512-A udp--1.eth2-01.sta02513-A

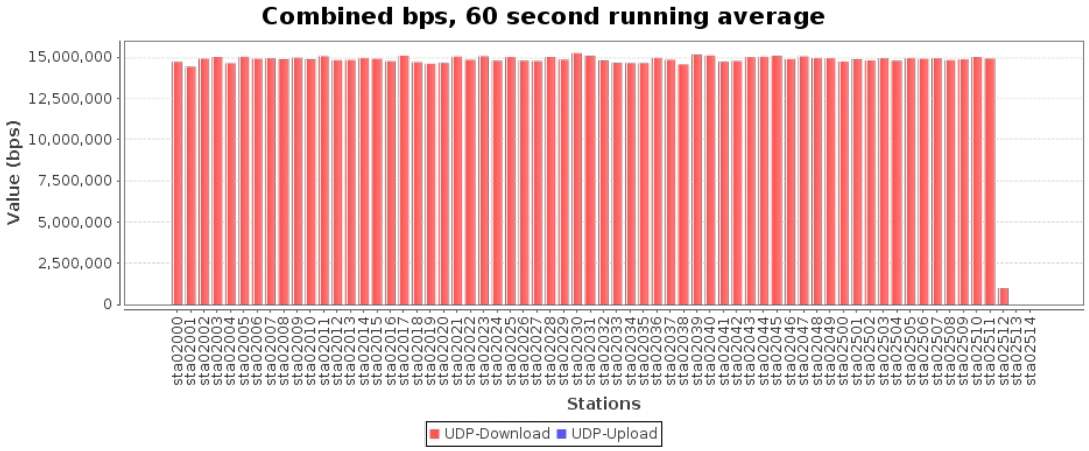
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  15384615 (15.385 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                              Total:    1000000000 (   1 Gbps)
Station count: 65   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Rate:
Download Rate:     Cx Min:        0 bps  Cx Ave:  14.201 Mbps  Cx Max:  15.235 Mbps  All Cx: 923.063 Mbps
Upload Rate:       Cx Min:        0 bps  Cx Ave:        0 bps  Cx Max:        0 bps  All Cx:        0 bps
                                                                                     Total: 923.063 Mbps
Aggregated Rate:   Min:           0 bps  Avg:     14.201 Mbps  Max:     15.235 Mbps
Non-Transmitting endpoints: (2)  udp--1.eth2-01.sta02513-A udp--1.eth2-01.sta02514-A

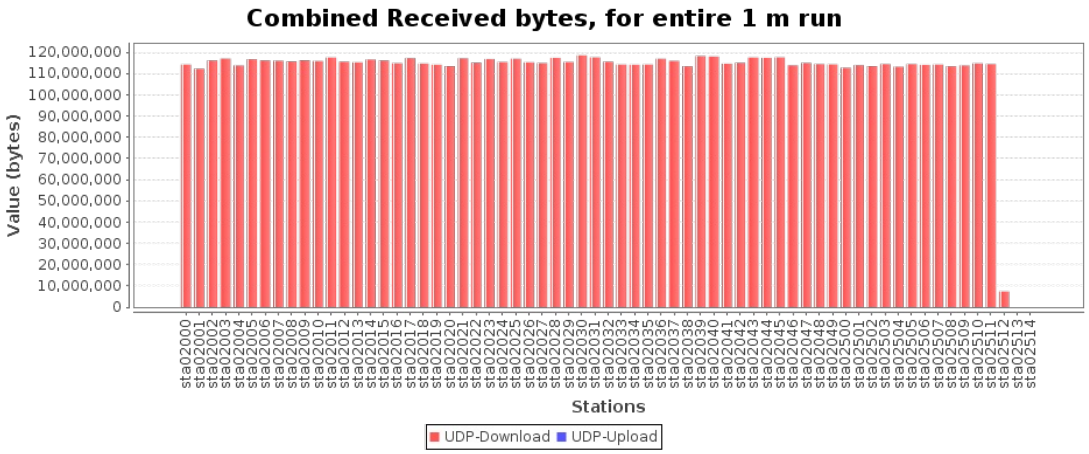
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  15384615 (15.385 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                              Total:    1000000000 (   1 Gbps)
Station count: 65   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Amount:
Download Amount:   Cx Min:          0 B  Cx Ave:   105.084 MB  Cx Max:   113.081 MB  All Cx:      6.67 GB
Upload Amount:     Cx Min:          0 B  Cx Ave:          0 B  Cx Max:          0 B  All Cx:          0 B
                                                                                     Total:       6.67 GB
Non-Transmitting endpoints: (2)  udp--1.eth2-01.sta02513-A udp--1.eth2-01.sta02514-A

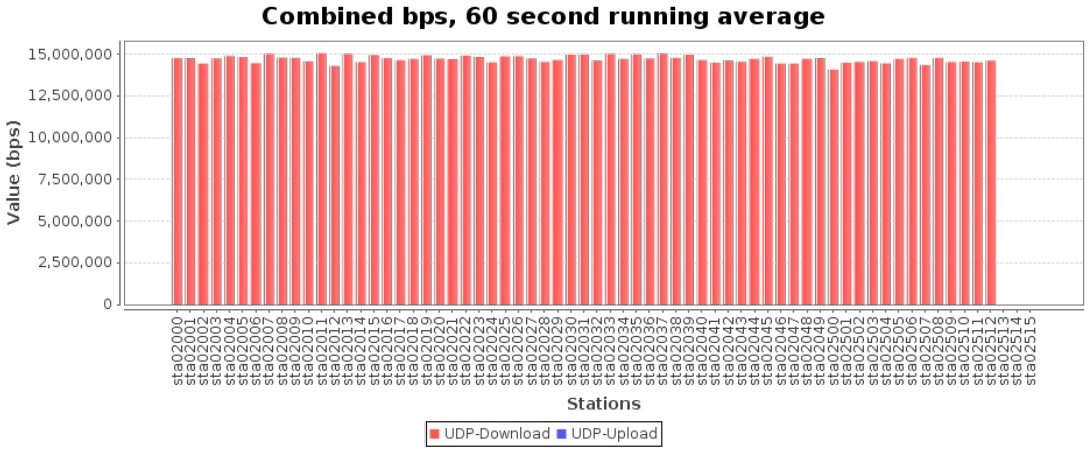
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  15151515 (15.152 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                              Total:    1000000000 (   1 Gbps)
Station count: 66   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Rate:
Download Rate:     Cx Min:        0 bps  Cx Ave:  14.033 Mbps  Cx Max:  15.056 Mbps  All Cx: 926.154 Mbps
Upload Rate:       Cx Min:        0 bps  Cx Ave:        0 bps  Cx Max:        0 bps  All Cx:        0 bps
                                                                                     Total: 926.154 Mbps
Aggregated Rate:   Min:           0 bps  Avg:     14.033 Mbps  Max:     15.056 Mbps
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02513-A udp--1.eth2-01.sta02514-A udp--1.eth2-01.sta02515-A

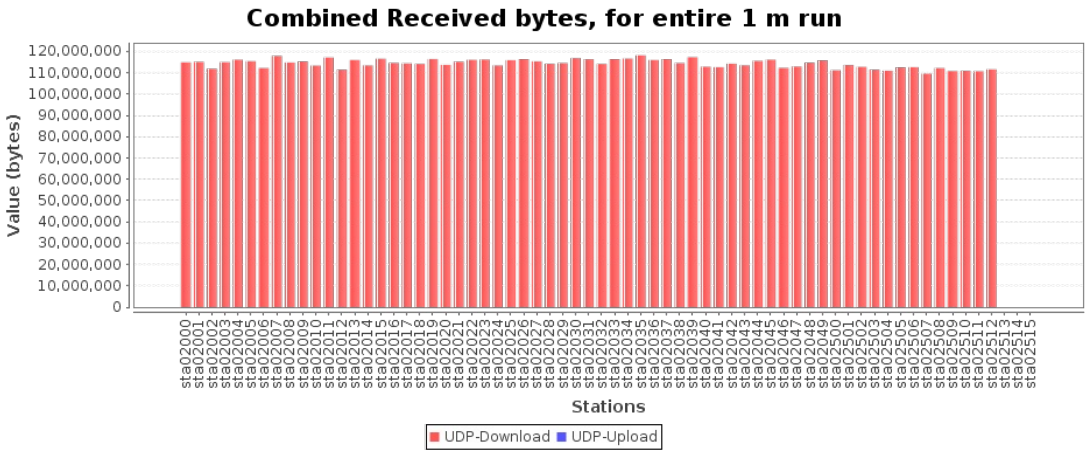
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  15151515 (15.152 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                              Total:    1000000000 (   1 Gbps)
Station count: 66   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Amount:
Download Amount:   Cx Min:          0 B  Cx Ave:   104.013 MB  Cx Max:   112.649 MB  All Cx:     6.704 GB
Upload Amount:     Cx Min:          0 B  Cx Ave:          0 B  Cx Max:          0 B  All Cx:          0 B
                                                                                     Total:      6.704 GB
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02513-A udp--1.eth2-01.sta02514-A udp--1.eth2-01.sta02515-A

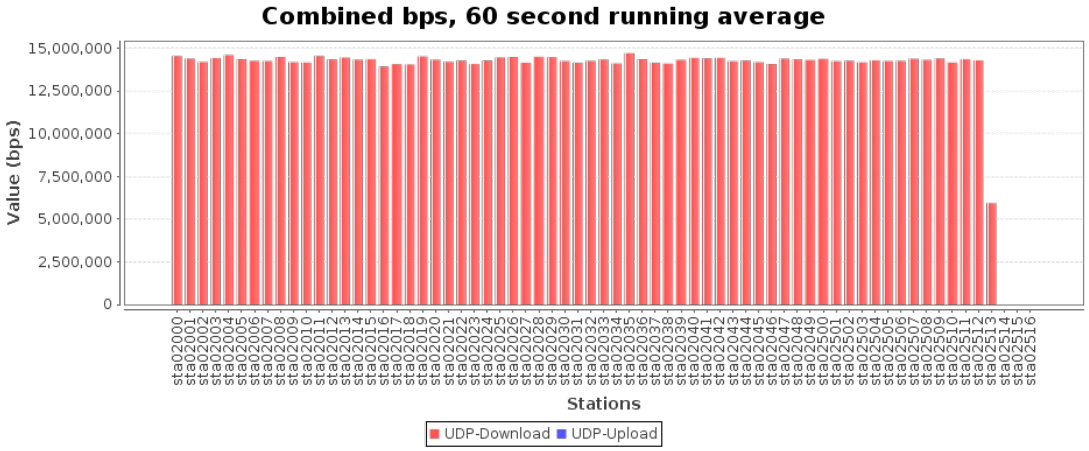
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  14925373 (14.925 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                              Total:    1000000000 (   1 Gbps)
Station count: 67   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Rate:
Download Rate:     Cx Min:        0 bps  Cx Ave:  13.553 Mbps  Cx Max:  14.723 Mbps  All Cx: 908.081 Mbps
Upload Rate:       Cx Min:        0 bps  Cx Ave:        0 bps  Cx Max:        0 bps  All Cx:        0 bps
                                                                                     Total: 908.081 Mbps
Aggregated Rate:   Min:           0 bps  Avg:     13.553 Mbps  Max:     14.723 Mbps
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02514-A udp--1.eth2-01.sta02515-A udp--1.eth2-01.sta02516-A

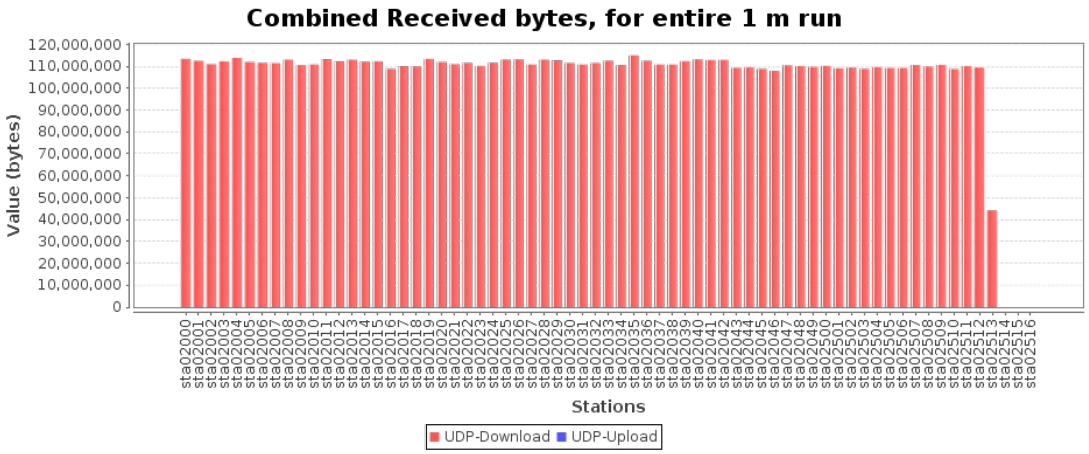
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  14925373 (14.925 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                                Total:    1000000000 (   1 Gbps)
Station count: 67   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Amount:
Download Amount:   Cx Min:          0 B  Cx Ave:   100.306 MB  Cx Max:   109.644 MB  All Cx:     6.563 GB
Upload Amount:     Cx Min:          0 B  Cx Ave:          0 B  Cx Max:          0 B  All Cx:          0 B
                                                                                     Total:      6.563 GB
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02514-A udp--1.eth2-01.sta02515-A udp--1.eth2-01.sta02516-A

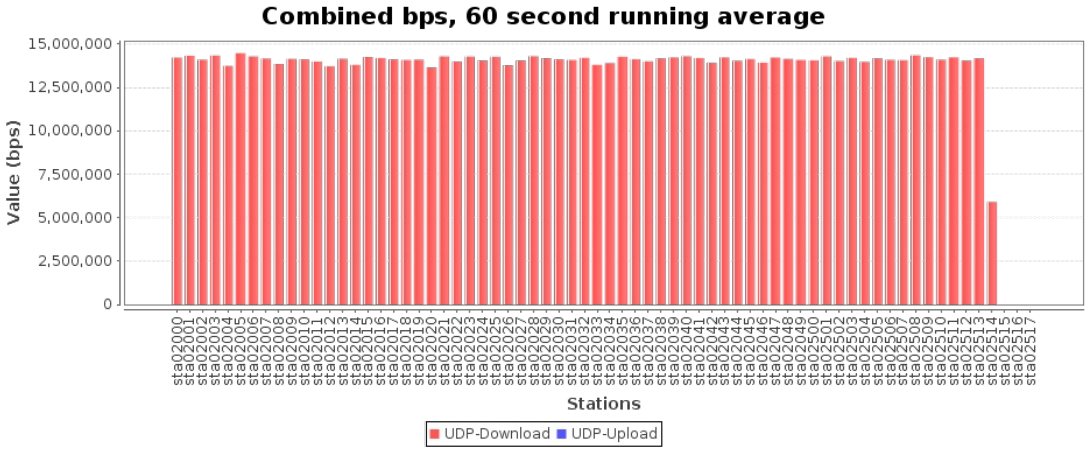
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  14705882 (14.706 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                                Total:    1000000000 (   1 Gbps)
Station count: 68   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Rate:
Download Rate:     Cx Min:        0 bps  Cx Ave:  13.365 Mbps  Cx Max:  14.468 Mbps  All Cx: 908.787 Mbps
Upload Rate:       Cx Min:        0 bps  Cx Ave:        0 bps  Cx Max:        0 bps  All Cx:        0 bps
                                                                                     Total: 908.787 Mbps
Aggregated Rate:   Min:           0 bps  Avg:     13.365 Mbps  Max:     14.468 Mbps
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02515-A udp--1.eth2-01.sta02516-A udp--1.eth2-01.sta02517-A

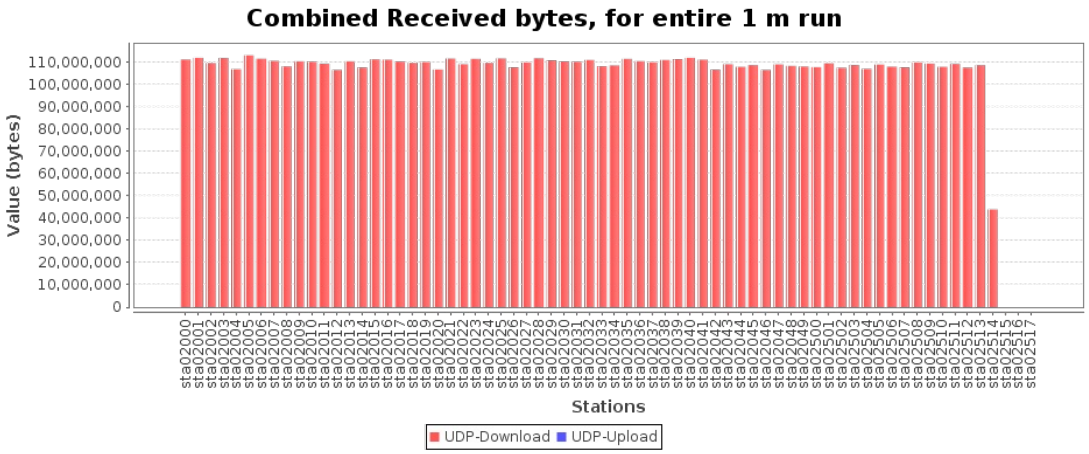
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  14705882 (14.706 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                              Total:    1000000000 (   1 Gbps)
Station count: 68   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Amount:
Download Amount:   Cx Min:          0 B  Cx Ave:    99.011 MB  Cx Max:   107.928 MB  All Cx:     6.575 GB
Upload Amount:     Cx Min:          0 B  Cx Ave:          0 B  Cx Max:          0 B  All Cx:          0 B
                                                                                     Total:      6.575 GB
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02515-A udp--1.eth2-01.sta02516-A udp--1.eth2-01.sta02517-A

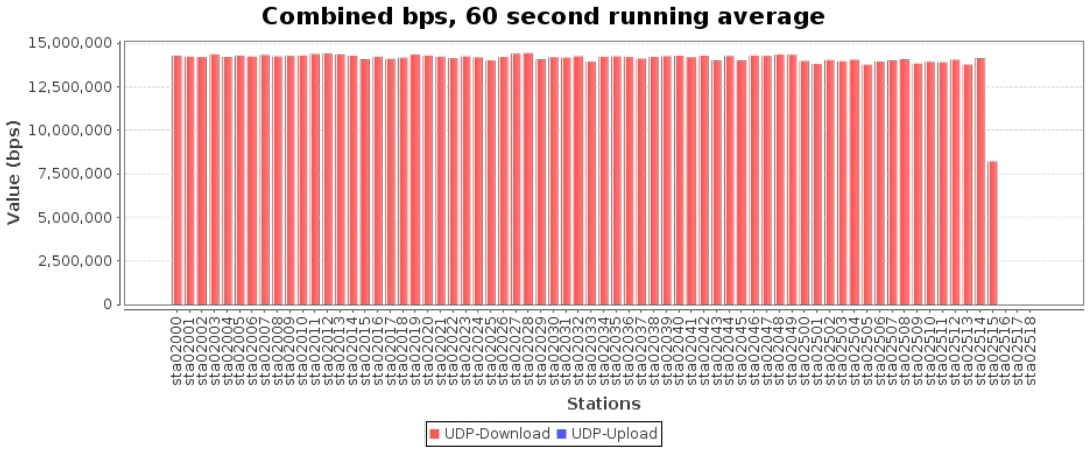
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  14492753 (14.493 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                              Total:    1000000000 (   1 Gbps)
Station count: 69   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Rate:
Download Rate:     Cx Min:        0 bps  Cx Ave:  13.466 Mbps  Cx Max:  14.429 Mbps  All Cx:  929.14 Mbps
Upload Rate:       Cx Min:        0 bps  Cx Ave:        0 bps  Cx Max:        0 bps  All Cx:        0 bps
                                                                                     Total:  929.14 Mbps
Aggregated Rate:   Min:           0 bps  Avg:     13.466 Mbps  Max:     14.429 Mbps
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02516-A udp--1.eth2-01.sta02517-A udp--1.eth2-01.sta02518-A

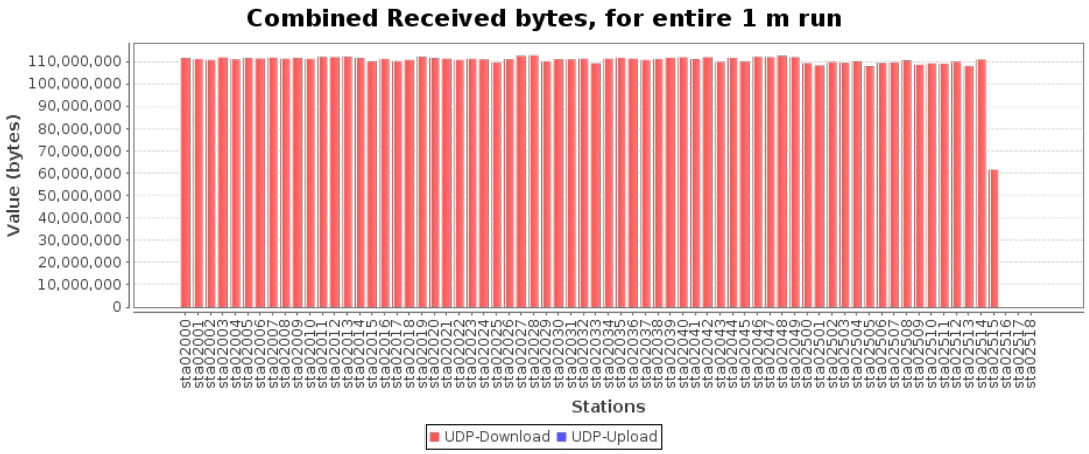
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  14492753 (14.493 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                              Total:    1000000000 (   1 Gbps)
Station count: 69   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Amount:
Download Amount:   Cx Min:          0 B  Cx Ave:   100.463 MB  Cx Max:   107.606 MB  All Cx:      6.77 GB
Upload Amount:     Cx Min:          0 B  Cx Ave:          0 B  Cx Max:          0 B  All Cx:          0 B
                                                                                     Total:       6.77 GB
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02516-A udp--1.eth2-01.sta02517-A udp--1.eth2-01.sta02518-A

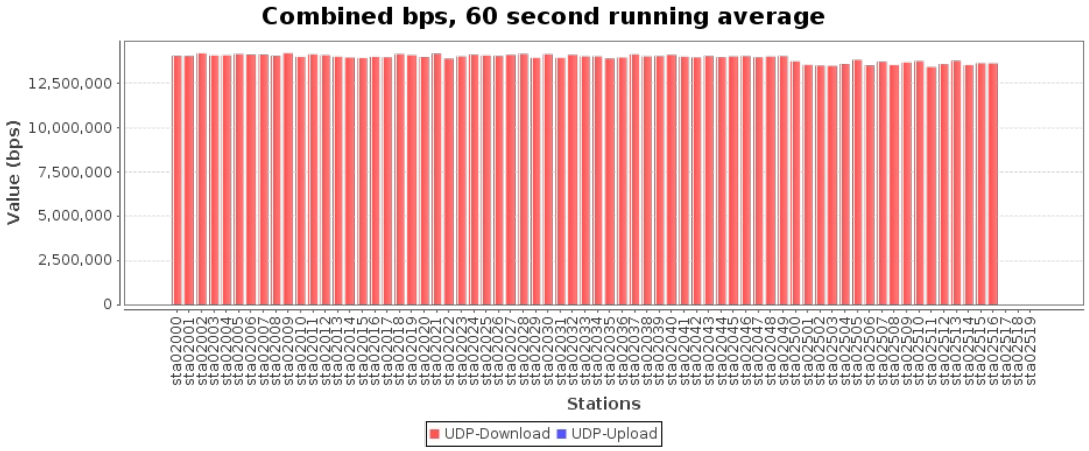
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  14285714 (14.286 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                              Total:    1000000000 (   1 Gbps)
Station count: 70   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Rate:
Download Rate:     Cx Min:        0 bps  Cx Ave:  13.357 Mbps  Cx Max:  14.219 Mbps  All Cx: 934.987 Mbps
Upload Rate:       Cx Min:        0 bps  Cx Ave:        0 bps  Cx Max:        0 bps  All Cx:        0 bps
                                                                                     Total: 934.987 Mbps
Aggregated Rate:   Min:           0 bps  Avg:     13.357 Mbps  Max:     14.219 Mbps
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02517-A udp--1.eth2-01.sta02518-A udp--1.eth2-01.sta02519-A

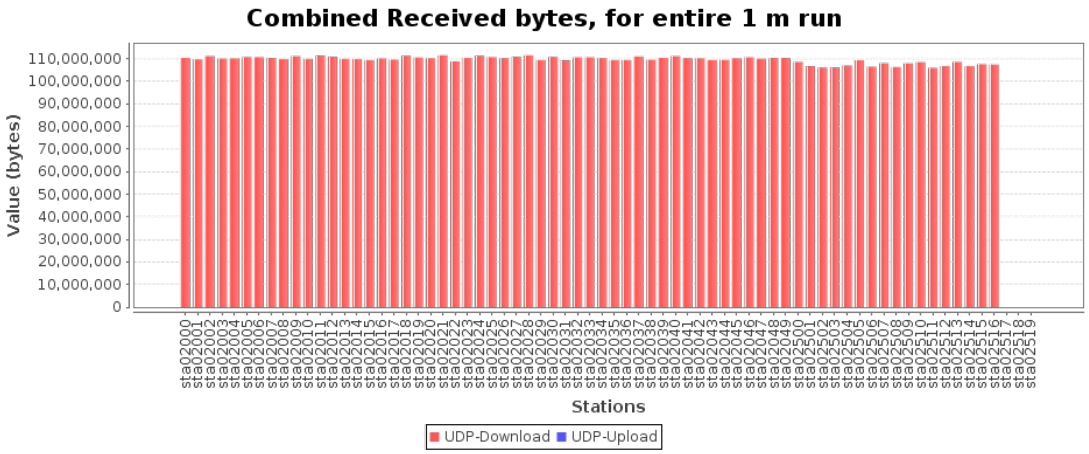
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  14285714 (14.286 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                                Total:    1000000000 (   1 Gbps)
Station count: 70   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Amount:
Download Amount:   Cx Min:          0 B  Cx Ave:    99.862 MB  Cx Max:   106.187 MB  All Cx:     6.827 GB
Upload Amount:     Cx Min:          0 B  Cx Ave:          0 B  Cx Max:          0 B  All Cx:          0 B
                                                                                     Total:      6.827 GB
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02517-A udp--1.eth2-01.sta02518-A udp--1.eth2-01.sta02519-A

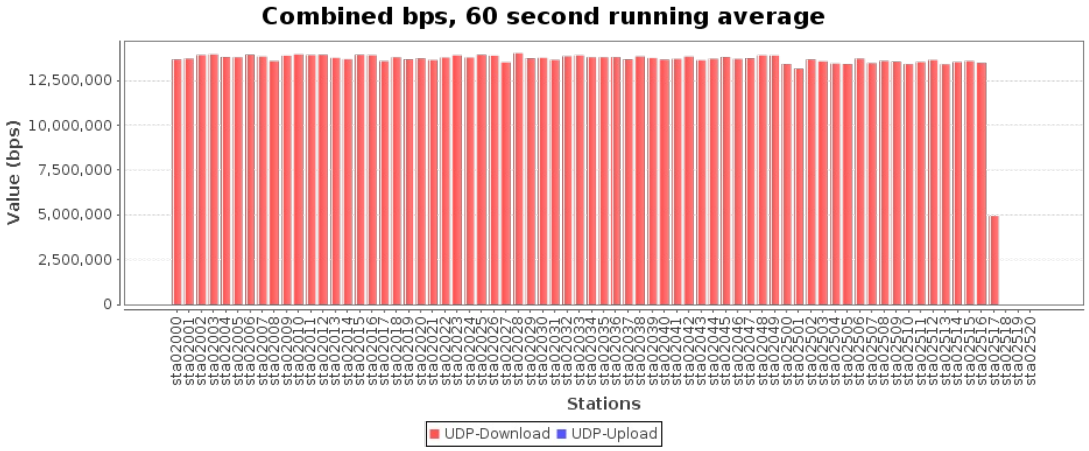
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  14084507 (14.085 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                                Total:    1000000000 (   1 Gbps)
Station count: 71   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Rate:
Download Rate:     Cx Min:        0 bps  Cx Ave:  13.026 Mbps  Cx Max:  14.032 Mbps  All Cx: 924.838 Mbps
Upload Rate:       Cx Min:        0 bps  Cx Ave:        0 bps  Cx Max:        0 bps  All Cx:        0 bps
                                                                                     Total: 924.838 Mbps
Aggregated Rate:   Min:           0 bps  Avg:     13.026 Mbps  Max:     14.032 Mbps
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02518-A udp--1.eth2-01.sta02519-A udp--1.eth2-01.sta02520-A

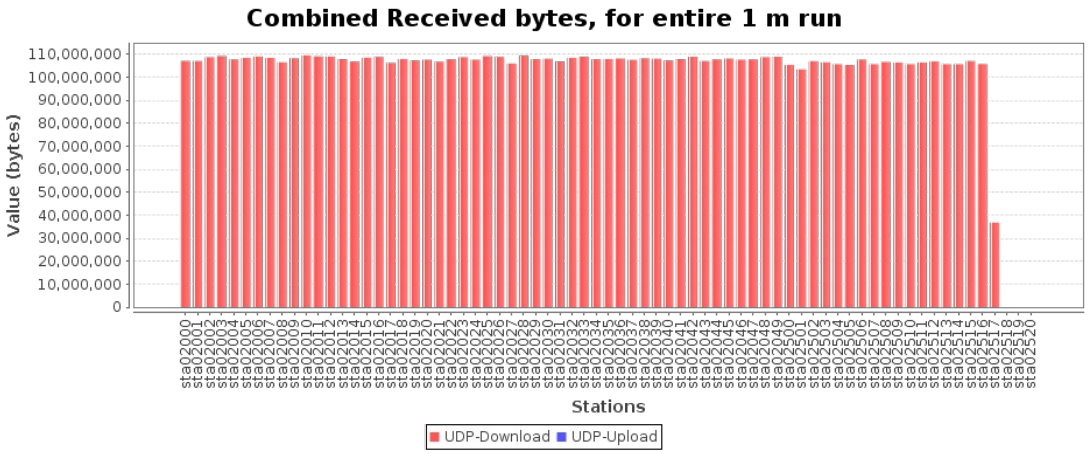
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  14084507 (14.085 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                                Total:    1000000000 (   1 Gbps)
Station count: 71   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Amount:
Download Amount:   Cx Min:          0 B  Cx Ave:    97.333 MB  Cx Max:   104.529 MB  All Cx:     6.749 GB
Upload Amount:     Cx Min:          0 B  Cx Ave:          0 B  Cx Max:          0 B  All Cx:          0 B
                                                                                     Total:      6.749 GB
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02518-A udp--1.eth2-01.sta02519-A udp--1.eth2-01.sta02520-A

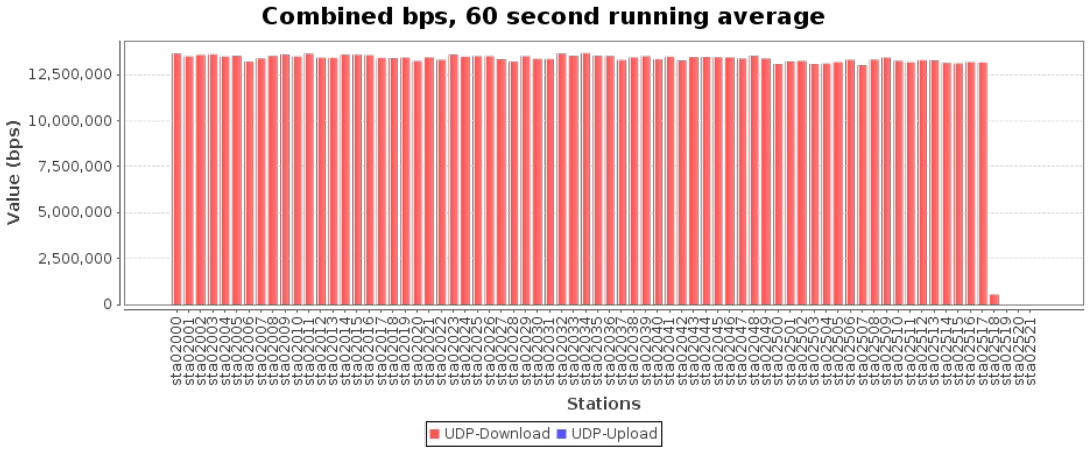
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  13888888 (13.889 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                                Total:    1000000000 (   1 Gbps)
Station count: 72   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Rate:
Download Rate:     Cx Min:        0 bps  Cx Ave:  12.657 Mbps  Cx Max:  13.671 Mbps  All Cx: 911.305 Mbps
Upload Rate:       Cx Min:        0 bps  Cx Ave:        0 bps  Cx Max:        0 bps  All Cx:        0 bps
                                                                                     Total: 911.305 Mbps
Aggregated Rate:   Min:           0 bps  Avg:     12.657 Mbps  Max:     13.671 Mbps
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02519-A udp--1.eth2-01.sta02520-A udp--1.eth2-01.sta02521-A

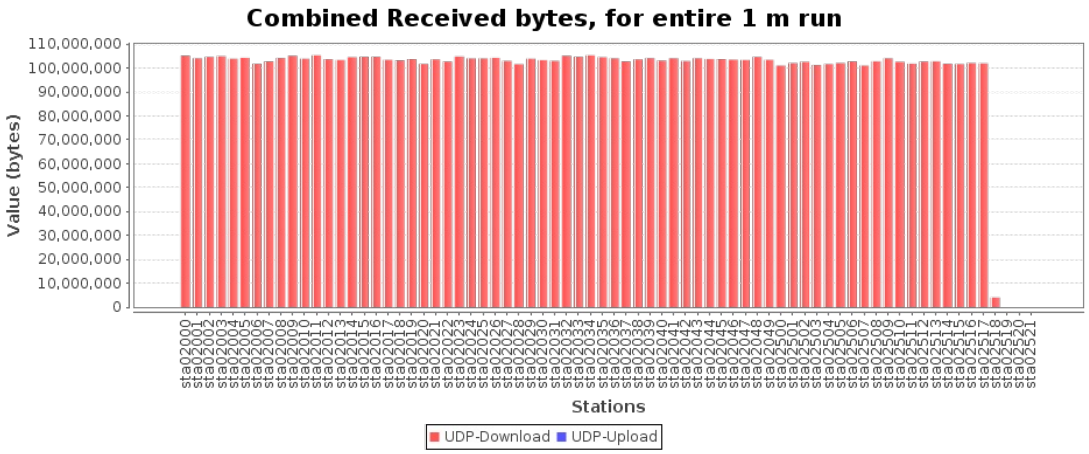
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  13888888 (13.889 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                                Total:    1000000000 (   1 Gbps)
Station count: 72   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Amount:
Download Amount:   Cx Min:          0 B  Cx Ave:     93.19 MB  Cx Max:    100.44 MB  All Cx:     6.552 GB
Upload Amount:     Cx Min:          0 B  Cx Ave:          0 B  Cx Max:          0 B  All Cx:          0 B
                                                                                     Total:      6.552 GB
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02519-A udp--1.eth2-01.sta02520-A udp--1.eth2-01.sta02521-A

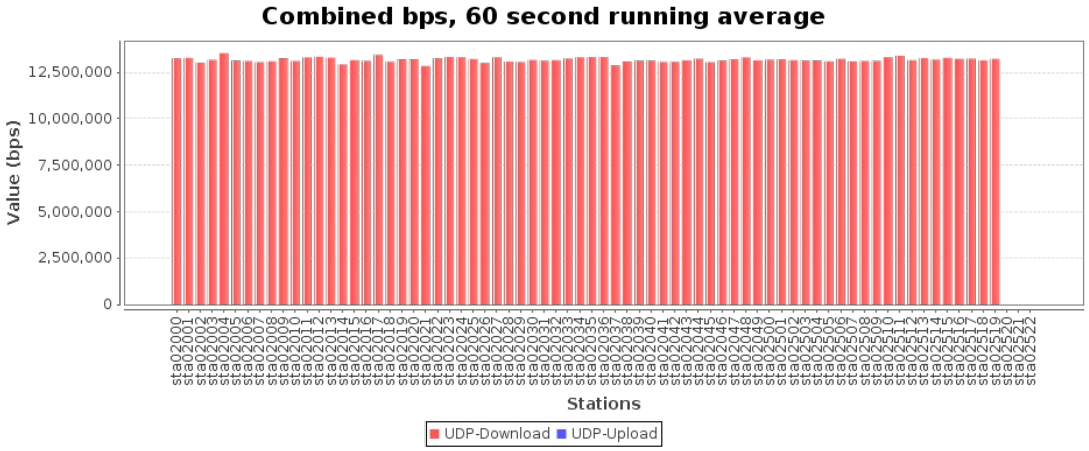
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  13698630 (13.699 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                                Total:    1000000000 (   1 Gbps)
Station count: 73   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Rate:
Download Rate:     Cx Min:        0 bps  Cx Ave:  12.637 Mbps  Cx Max:  13.531 Mbps  All Cx: 922.469 Mbps
Upload Rate:       Cx Min:        0 bps  Cx Ave:        0 bps  Cx Max:        0 bps  All Cx:        0 bps
                                                                                     Total: 922.469 Mbps
Aggregated Rate:   Min:           0 bps  Avg:     12.637 Mbps  Max:     13.531 Mbps
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02520-A udp--1.eth2-01.sta02521-A udp--1.eth2-01.sta02522-A

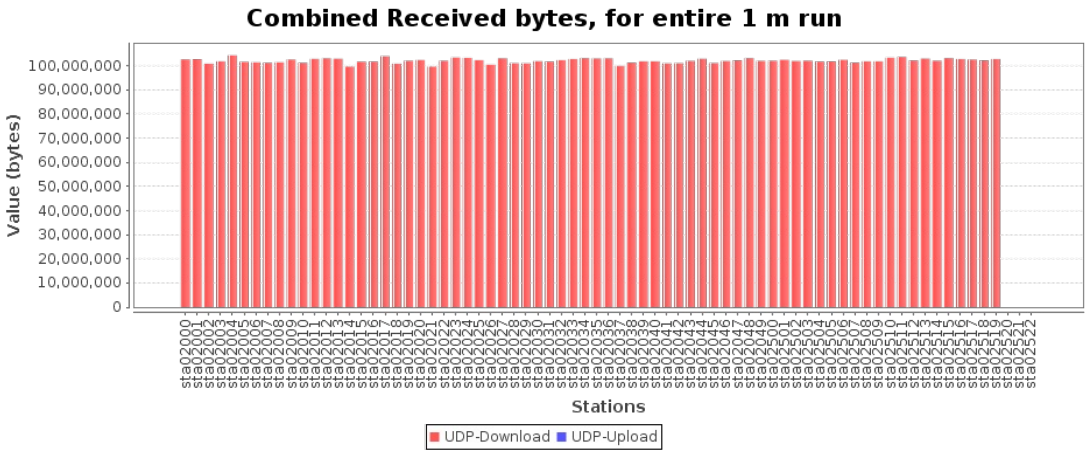
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```



Requested Parameters:
Download Rate: Per station: 13698630 (13.699 Mbps) All: 1000000000 (1 Gbps)
Upload Rate: Per station: 0 (0 bps) All: 0 (0 bps)
                                                Total: 1000000000 (1 Gbps)
Station count: 73   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Amount:
Download Amount: Cx Min: 0 B Cx Ave: 93.26 MB Cx Max: 99.362 MB All Cx: 6.648 GB
Upload Amount: Cx Min: 0 B Cx Ave: 0 B Cx Max: 0 B All Cx: 0 B
                                                                                     Total: 6.648 GB
Non-Transmitting endpoints: (3) udp--1.eth2-01.sta02520-A udp--1.eth2-01.sta02521-A udp--1.eth2-01.sta02522-A

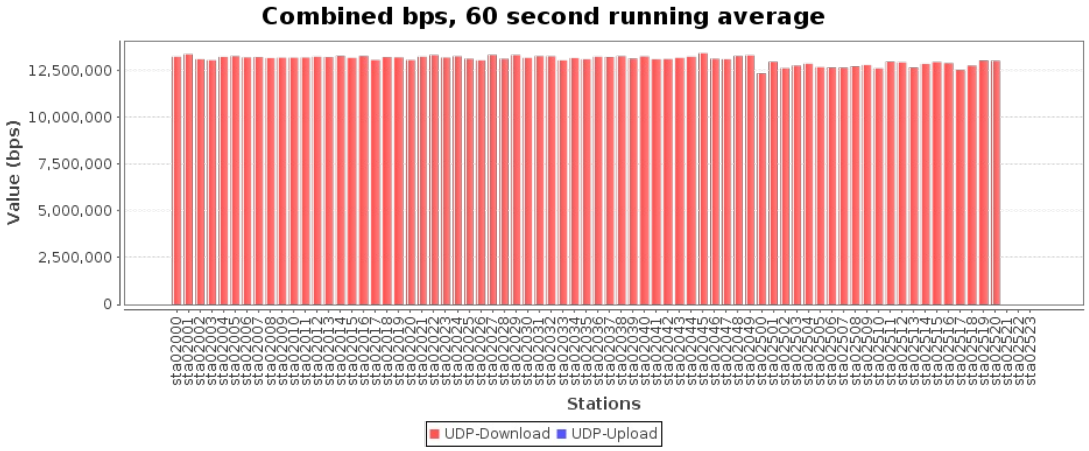
This graph shows fairness. On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.



Requested Parameters:
Download Rate: Per station: 13513513 (13.514 Mbps) All: 1000000000 (1 Gbps)
Upload Rate: Per station: 0 (0 bps) All: 0 (0 bps)
                                                Total: 1000000000 (1 Gbps)
Station count: 74   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Rate:
Download Rate: Cx Min: 0 bps Cx Ave: 12.565 Mbps Cx Max: 13.445 Mbps All Cx: 929.812 Mbps
Upload Rate: Cx Min: 0 bps Cx Ave: 0 bps Cx Max: 0 bps All Cx: 0 bps
                                                                                     Total: 929.812 Mbps
Aggregated Rate: Min: 0 bps Avg: 12.565 Mbps Max: 13.445 Mbps
Non-Transmitting endpoints: (3) udp--1.eth2-01.sta02521-A udp--1.eth2-01.sta02522-A udp--1.eth2-01.sta02523-A

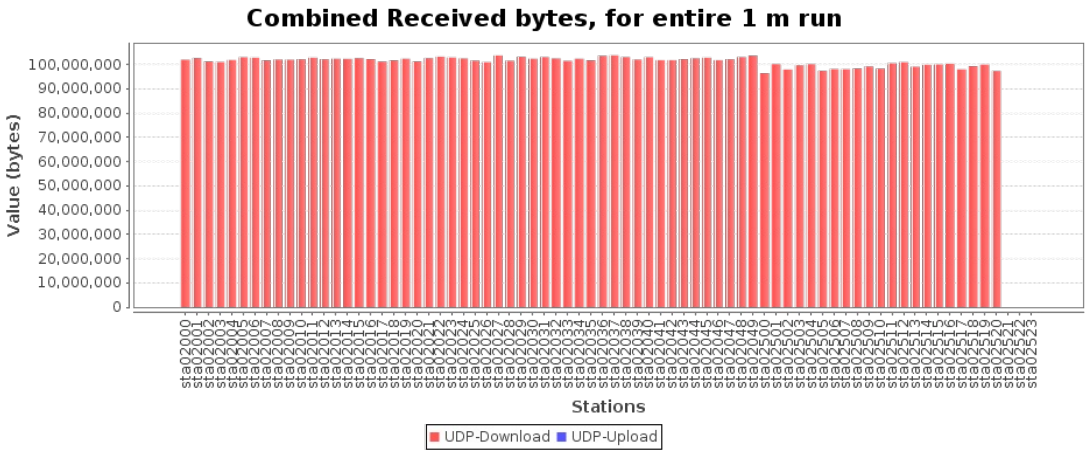
This graph shows fairness. On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.




```
Requested Parameters:
Download Rate: Per station:  13513513 (13.514 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                                Total:    1000000000 (   1 Gbps)
Station count: 74   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Amount:
Download Amount:   Cx Min:          0 B  Cx Ave:    92.727 MB  Cx Max:    98.952 MB  All Cx:     6.701 GB
Upload Amount:     Cx Min:          0 B  Cx Ave:          0 B  Cx Max:          0 B  All Cx:          0 B
                                                                                     Total:      6.701 GB
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02521-A udp--1.eth2-01.sta02522-A udp--1.eth2-01.sta02523-A

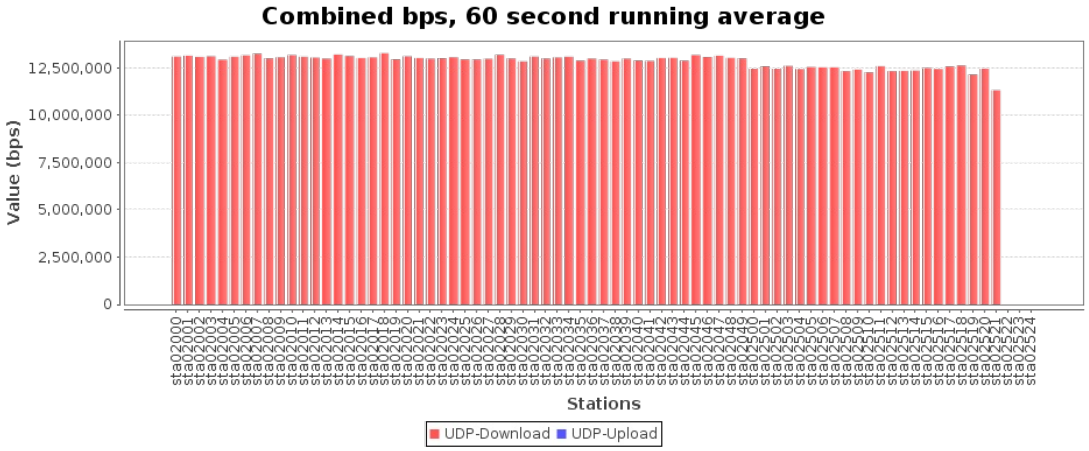
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  13333333 (13.333 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                                Total:    1000000000 (   1 Gbps)
Station count: 75   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Rate:
Download Rate:     Cx Min:        0 bps  Cx Ave:  12.337 Mbps  Cx Max:  13.282 Mbps  All Cx:  925.29 Mbps
Upload Rate:       Cx Min:        0 bps  Cx Ave:        0 bps  Cx Max:        0 bps  All Cx:        0 bps
                                                                                     Total:  925.29 Mbps
Aggregated Rate:   Min:           0 bps  Avg:     12.337 Mbps  Max:     13.282 Mbps
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02522-A udp--1.eth2-01.sta02523-A udp--1.eth2-01.sta02524-A

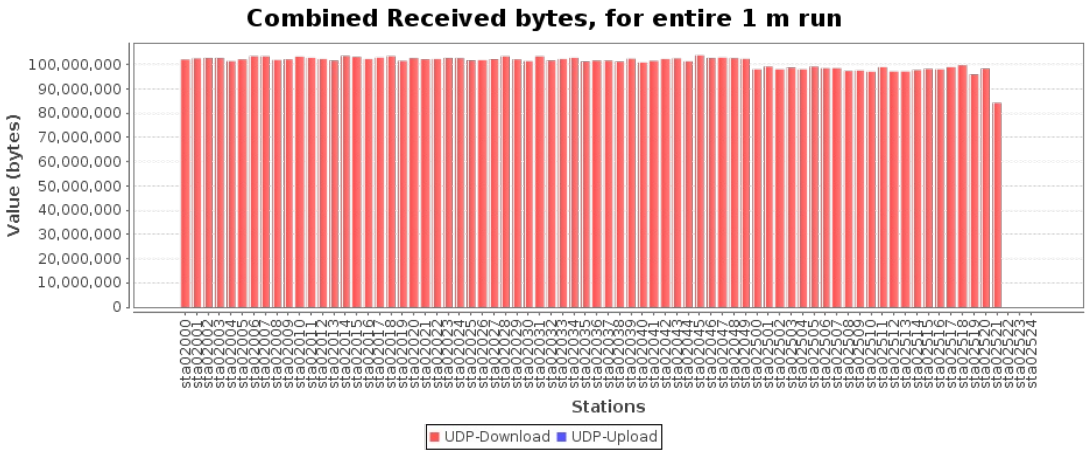
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  13333333 (13.333 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                              Total:    1000000000 (   1 Gbps)
Station count: 75   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Amount:
Download Amount:   Cx Min:          0 B  Cx Ave:     92.41 MB  Cx Max:    99.063 MB  All Cx:     6.768 GB
Upload Amount:     Cx Min:          0 B  Cx Ave:          0 B  Cx Max:          0 B  All Cx:          0 B
                                                                                     Total:      6.768 GB
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02522-A udp--1.eth2-01.sta02523-A udp--1.eth2-01.sta02524-A

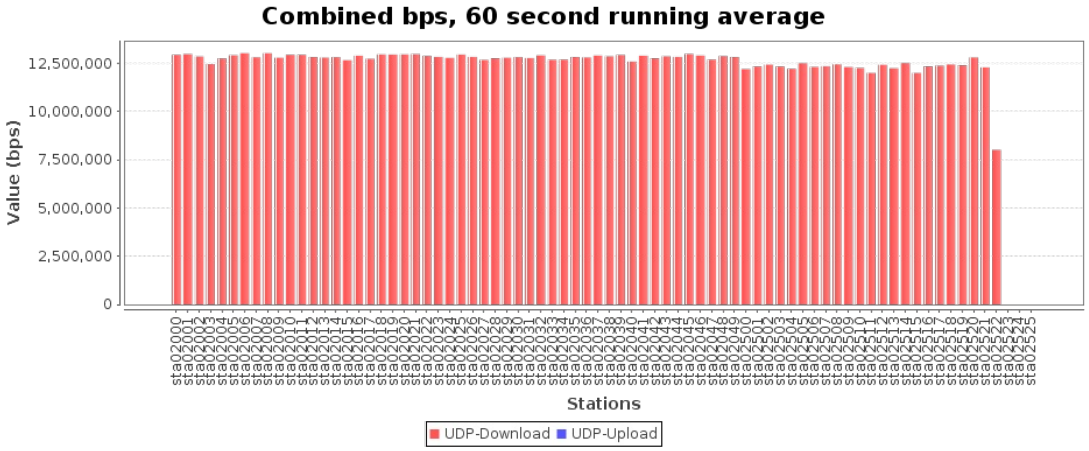
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  13157894 (13.158 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                              Total:    1000000000 (   1 Gbps)
Station count: 76   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Rate:
Download Rate:     Cx Min:        0 bps  Cx Ave:  12.134 Mbps  Cx Max:  13.031 Mbps  All Cx: 922.189 Mbps
Upload Rate:       Cx Min:        0 bps  Cx Ave:        0 bps  Cx Max:        0 bps  All Cx:        0 bps
                                                                                     Total: 922.189 Mbps
Aggregated Rate:   Min:           0 bps  Avg:     12.134 Mbps  Max:     13.031 Mbps
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02523-A udp--1.eth2-01.sta02524-A udp--1.eth2-01.sta02525-A

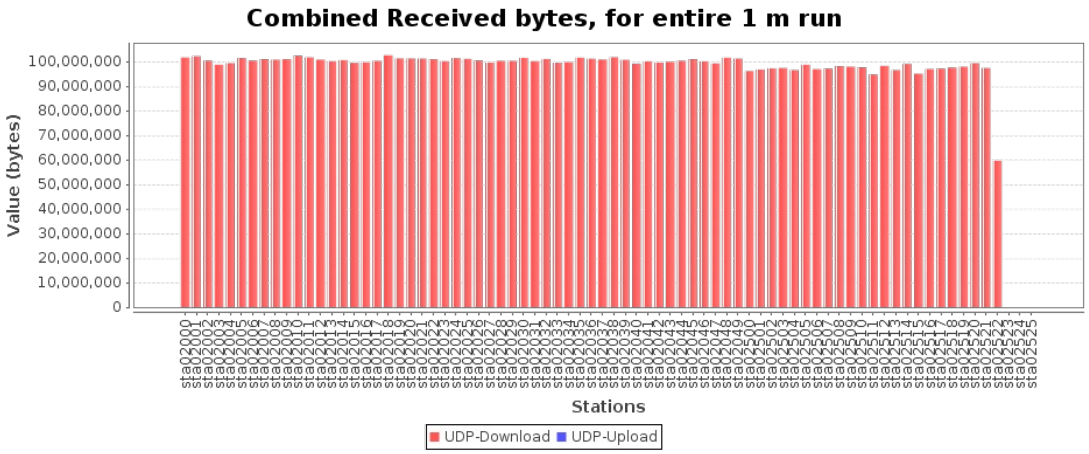
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  13157894 (13.158 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                                Total:    1000000000 (   1 Gbps)
Station count: 76   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Amount:
Download Amount:   Cx Min:          0 B  Cx Ave:    90.796 MB  Cx Max:    97.823 MB  All Cx:     6.739 GB
Upload Amount:     Cx Min:          0 B  Cx Ave:          0 B  Cx Max:          0 B  All Cx:          0 B
                                                                                     Total:      6.739 GB
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02523-A udp--1.eth2-01.sta02524-A udp--1.eth2-01.sta02525-A

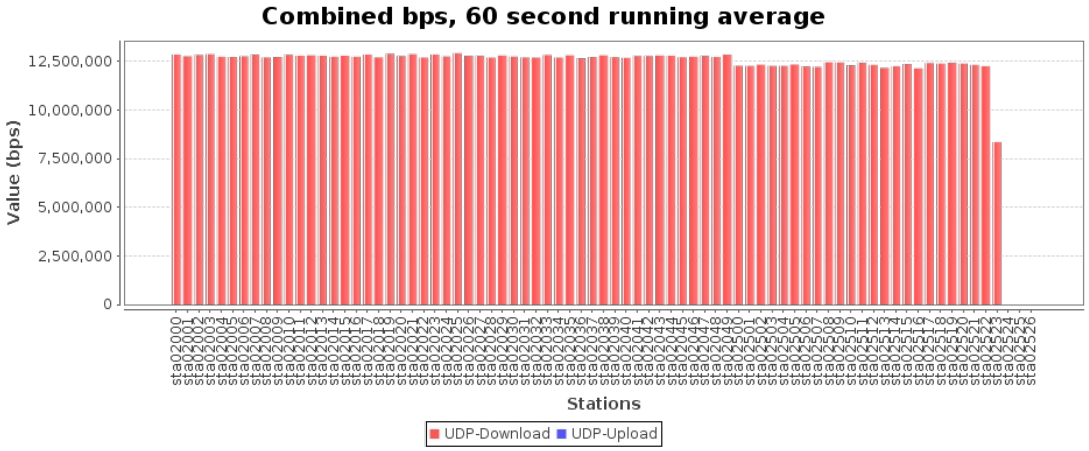
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  12987012 (12.987 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                                Total:    1000000000 (   1 Gbps)
Station count: 77   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Rate:
Download Rate:     Cx Min:        0 bps  Cx Ave:  12.086 Mbps  Cx Max:  12.924 Mbps  All Cx: 930.629 Mbps
Upload Rate:       Cx Min:        0 bps  Cx Ave:        0 bps  Cx Max:        0 bps  All Cx:        0 bps
                                                                                     Total: 930.629 Mbps
Aggregated Rate:   Min:           0 bps  Avg:     12.086 Mbps  Max:     12.924 Mbps
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02524-A udp--1.eth2-01.sta02525-A udp--1.eth2-01.sta02526-A

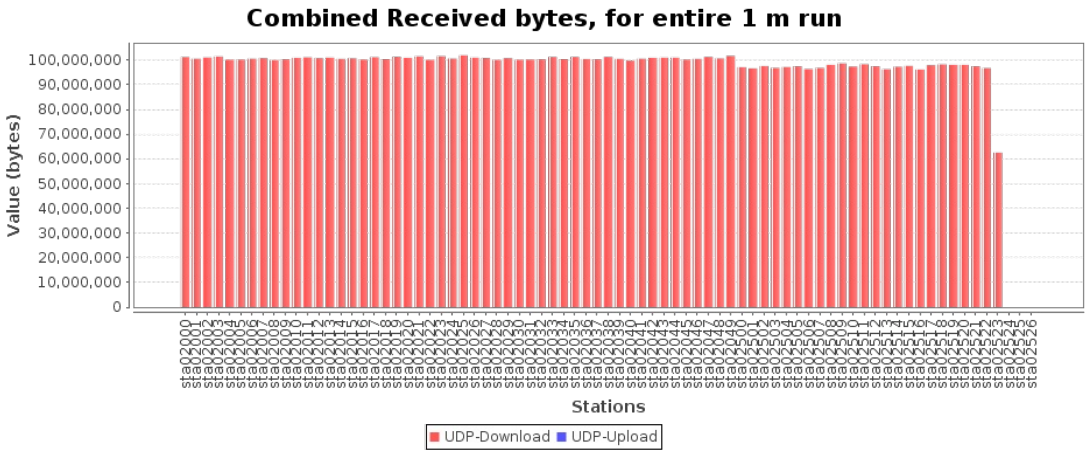
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  12987012 (12.987 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                                Total:    1000000000 (   1 Gbps)
Station count: 77   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Amount:
Download Amount:   Cx Min:          0 B  Cx Ave:    90.913 MB  Cx Max:    97.201 MB  All Cx:     6.836 GB
Upload Amount:     Cx Min:          0 B  Cx Ave:          0 B  Cx Max:          0 B  All Cx:          0 B
                                                                                     Total:      6.836 GB
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02524-A udp--1.eth2-01.sta02525-A udp--1.eth2-01.sta02526-A

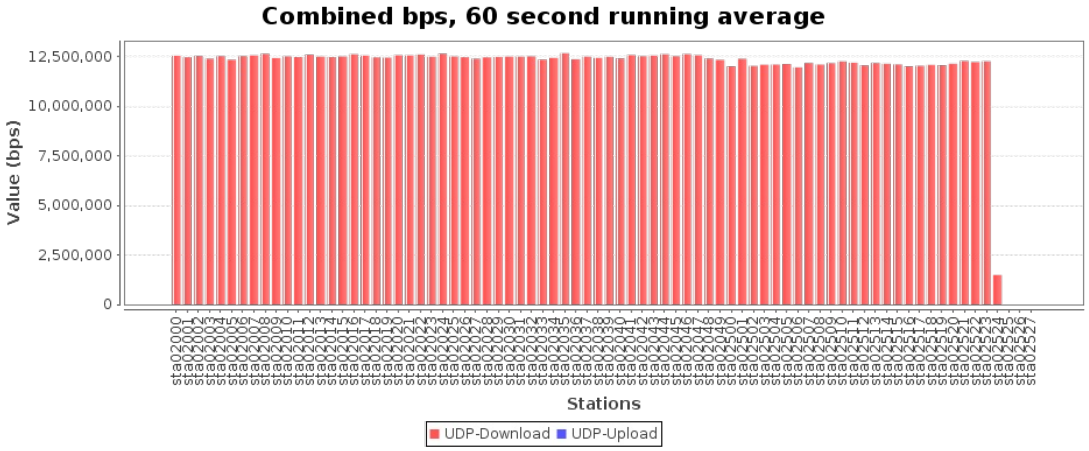
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  12820512 (12.821 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                                Total:    1000000000 (   1 Gbps)
Station count: 78   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Rate:
Download Rate:     Cx Min:        0 bps  Cx Ave:   11.78 Mbps  Cx Max:  12.683 Mbps  All Cx: 918.875 Mbps
Upload Rate:       Cx Min:        0 bps  Cx Ave:        0 bps  Cx Max:        0 bps  All Cx:        0 bps
                                                                                     Total: 918.875 Mbps
Aggregated Rate:   Min:           0 bps  Avg:      11.78 Mbps  Max:     12.683 Mbps
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02525-A udp--1.eth2-01.sta02526-A udp--1.eth2-01.sta02527-A

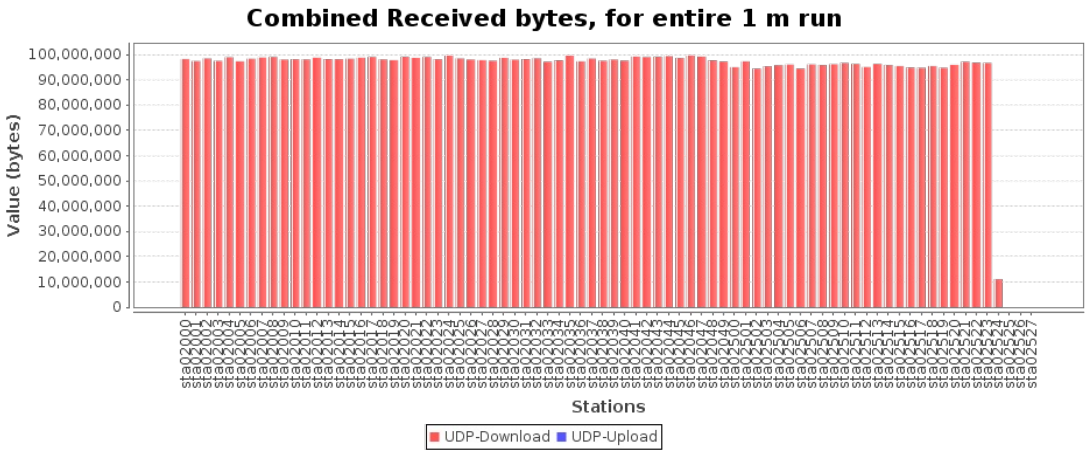
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  12820512 (12.821 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                              Total:    1000000000 (   1 Gbps)
Station count: 78   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Amount:
Download Amount:   Cx Min:          0 B  Cx Ave:    88.406 MB  Cx Max:    95.108 MB  All Cx:     6.734 GB
Upload Amount:     Cx Min:          0 B  Cx Ave:          0 B  Cx Max:          0 B  All Cx:          0 B
                                                                                     Total:      6.734 GB
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02525-A udp--1.eth2-01.sta02526-A udp--1.eth2-01.sta02527-A

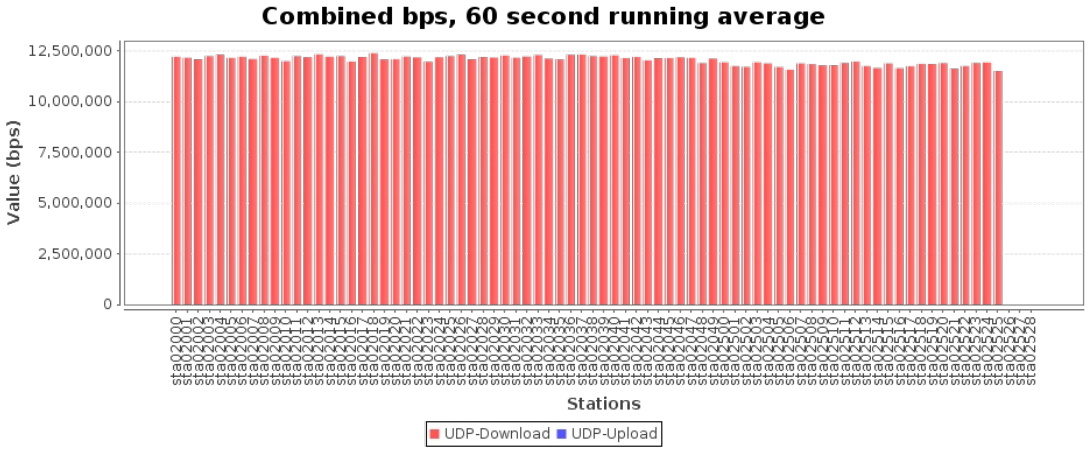
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  12658227 (12.658 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                              Total:    1000000000 (   1 Gbps)
Station count: 79   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Rate:
Download Rate:     Cx Min:        0 bps  Cx Ave:  11.598 Mbps  Cx Max:  12.394 Mbps  All Cx: 916.253 Mbps
Upload Rate:       Cx Min:        0 bps  Cx Ave:        0 bps  Cx Max:        0 bps  All Cx:        0 bps
                                                                                     Total: 916.253 Mbps
Aggregated Rate:   Min:           0 bps  Avg:     11.598 Mbps  Max:     12.394 Mbps
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02526-A udp--1.eth2-01.sta02527-A udp--1.eth2-01.sta02528-A

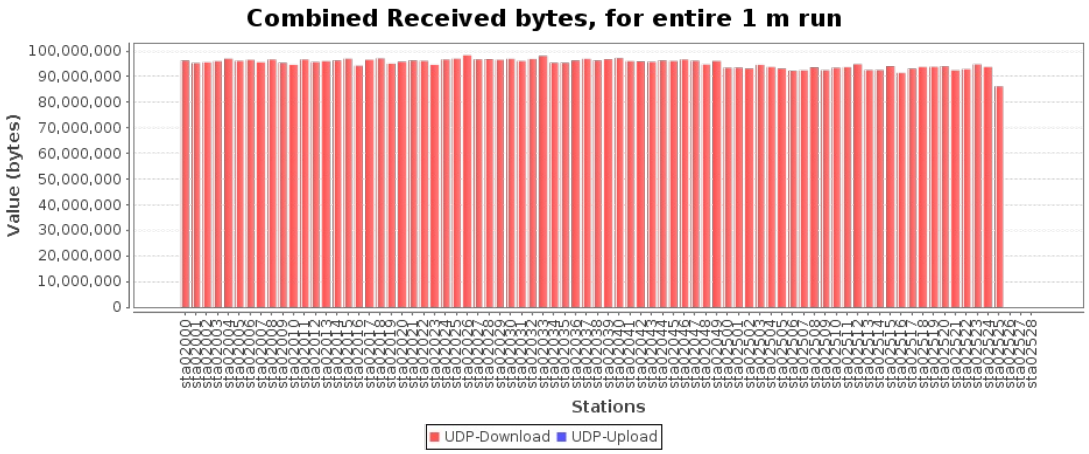
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  12658227 (12.658 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                                Total:    1000000000 (   1 Gbps)
Station count: 79   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Amount:
Download Amount:   Cx Min:          0 B  Cx Ave:    87.288 MB  Cx Max:    93.753 MB  All Cx:     6.734 GB
Upload Amount:     Cx Min:          0 B  Cx Ave:          0 B  Cx Max:          0 B  All Cx:          0 B
                                                                                     Total:      6.734 GB
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02526-A udp--1.eth2-01.sta02527-A udp--1.eth2-01.sta02528-A

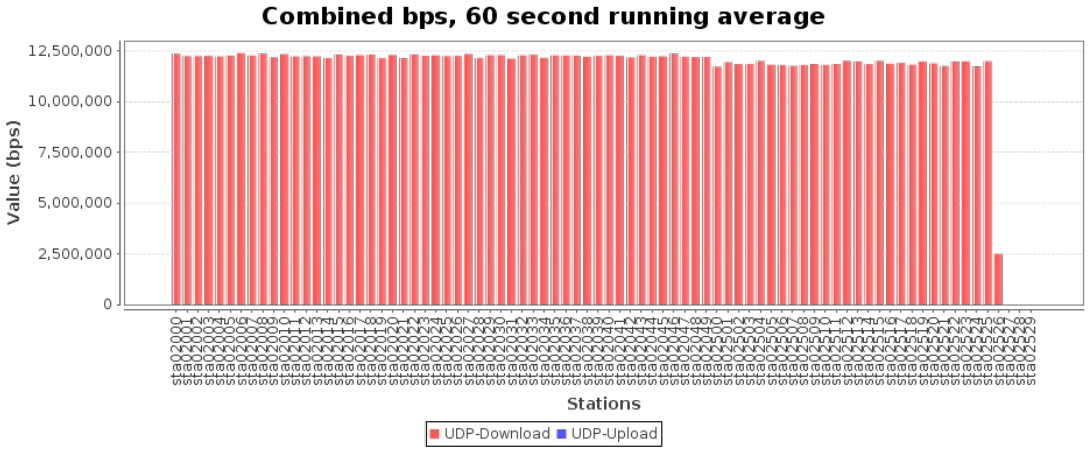
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  12500000 (12.5 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                                Total:    1000000000 (   1 Gbps)
Station count: 80   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Rate:
Download Rate:     Cx Min:        0 bps  Cx Ave:  11.546 Mbps  Cx Max:  12.382 Mbps  All Cx: 923.718 Mbps
Upload Rate:       Cx Min:        0 bps  Cx Ave:        0 bps  Cx Max:        0 bps  All Cx:        0 bps
                                                                                     Total: 923.718 Mbps
Aggregated Rate:   Min:           0 bps  Avg:     11.546 Mbps  Max:     12.382 Mbps
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02527-A udp--1.eth2-01.sta02528-A udp--1.eth2-01.sta02529-A

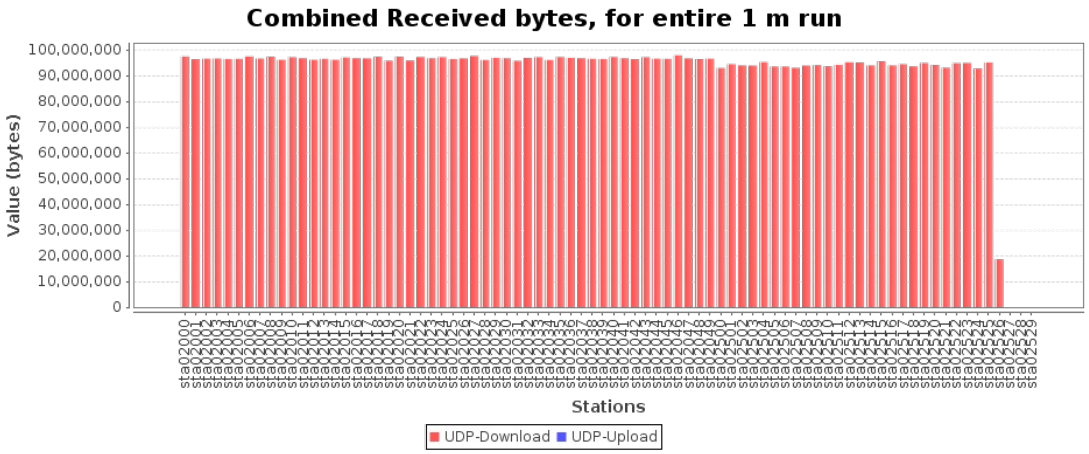
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  12500000 (12.5 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                              Total:    1000000000 (   1 Gbps)
Station count: 80   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Amount:
Download Amount:   Cx Min:          0 B  Cx Ave:    87.023 MB  Cx Max:     93.32 MB  All Cx:     6.799 GB
Upload Amount:     Cx Min:          0 B  Cx Ave:          0 B  Cx Max:          0 B  All Cx:          0 B
                                                                                     Total:      6.799 GB
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02527-A udp--1.eth2-01.sta02528-A udp--1.eth2-01.sta02529-A

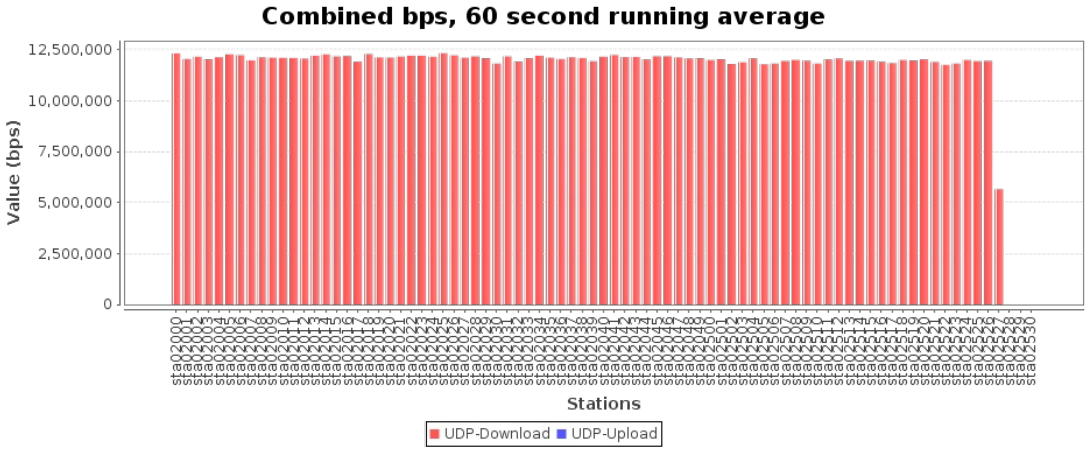
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  12345679 (12.346 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                              Total:    1000000000 (   1 Gbps)
Station count: 81   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Rate:
Download Rate:     Cx Min:        0 bps  Cx Ave:  11.538 Mbps  Cx Max:  12.333 Mbps  All Cx: 934.596 Mbps
Upload Rate:       Cx Min:        0 bps  Cx Ave:        0 bps  Cx Max:        0 bps  All Cx:        0 bps
                                                                                     Total: 934.596 Mbps
Aggregated Rate:   Min:           0 bps  Avg:     11.538 Mbps  Max:     12.333 Mbps
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02528-A udp--1.eth2-01.sta02529-A udp--1.eth2-01.sta02530-A

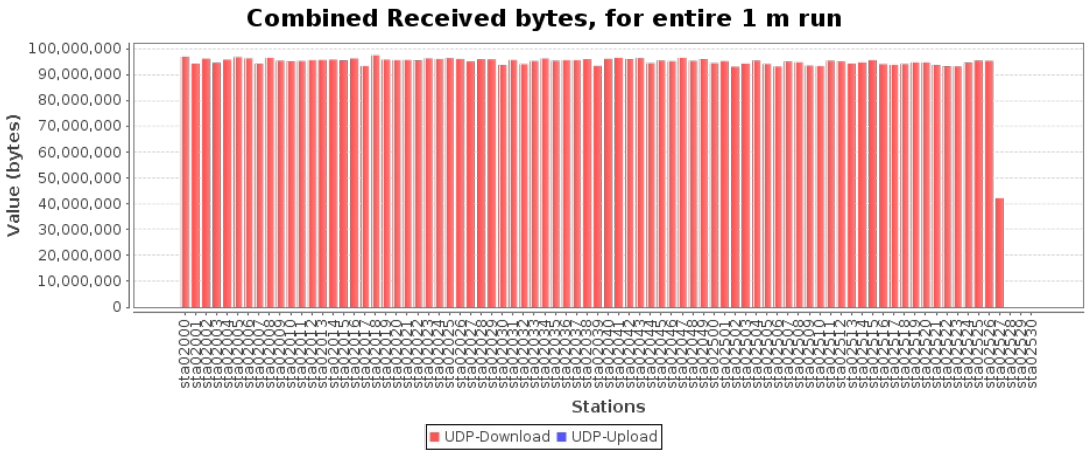
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  12345679 (12.346 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                                Total:    1000000000 (   1 Gbps)
Station count: 81   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Amount:
Download Amount:   Cx Min:          0 B  Cx Ave:    86.716 MB  Cx Max:    92.893 MB  All Cx:     6.859 GB
Upload Amount:     Cx Min:          0 B  Cx Ave:          0 B  Cx Max:          0 B  All Cx:          0 B
                                                                                     Total:      6.859 GB
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02528-A udp--1.eth2-01.sta02529-A udp--1.eth2-01.sta02530-A

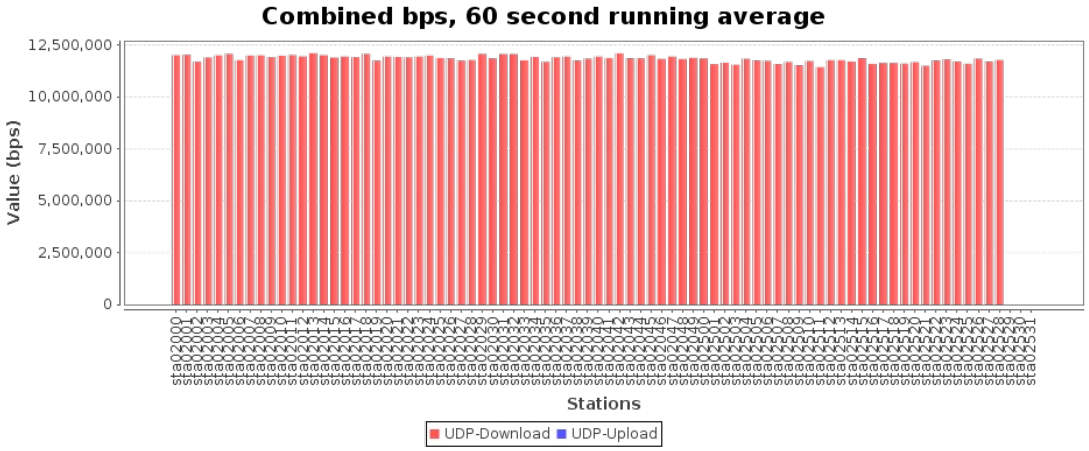
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  12195121 (12.195 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                                Total:    1000000000 (   1 Gbps)
Station count: 82   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Rate:
Download Rate:     Cx Min:        0 bps  Cx Ave:  11.392 Mbps  Cx Max:  12.097 Mbps  All Cx: 934.178 Mbps
Upload Rate:       Cx Min:        0 bps  Cx Ave:        0 bps  Cx Max:        0 bps  All Cx:        0 bps
                                                                                     Total: 934.178 Mbps
Aggregated Rate:   Min:           0 bps  Avg:     11.392 Mbps  Max:     12.097 Mbps
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02529-A udp--1.eth2-01.sta02530-A udp--1.eth2-01.sta02531-A

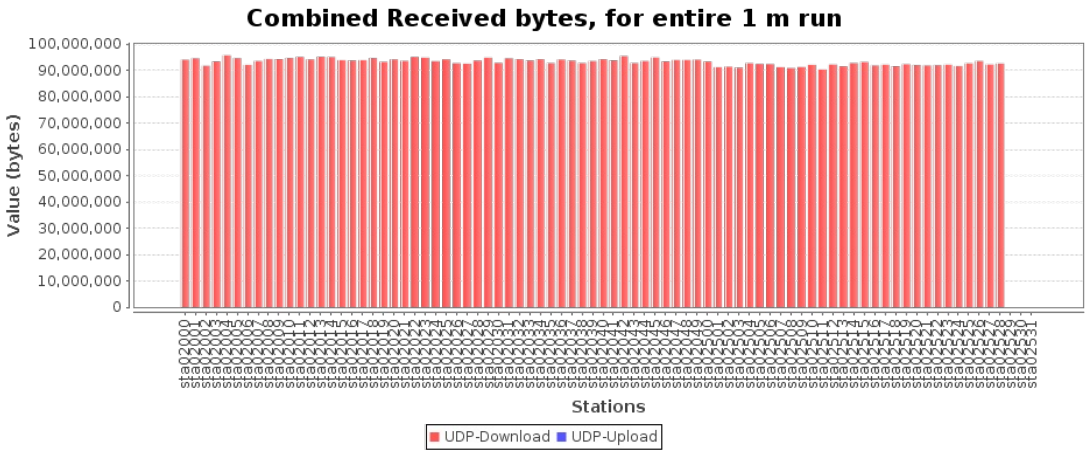
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  12195121 (12.195 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                              Total:    1000000000 (   1 Gbps)
Station count: 82   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Amount:
Download Amount:   Cx Min:          0 B  Cx Ave:    85.636 MB  Cx Max:    91.236 MB  All Cx:     6.858 GB
Upload Amount:     Cx Min:          0 B  Cx Ave:          0 B  Cx Max:          0 B  All Cx:          0 B
                                                                                     Total:      6.858 GB
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02529-A udp--1.eth2-01.sta02530-A udp--1.eth2-01.sta02531-A

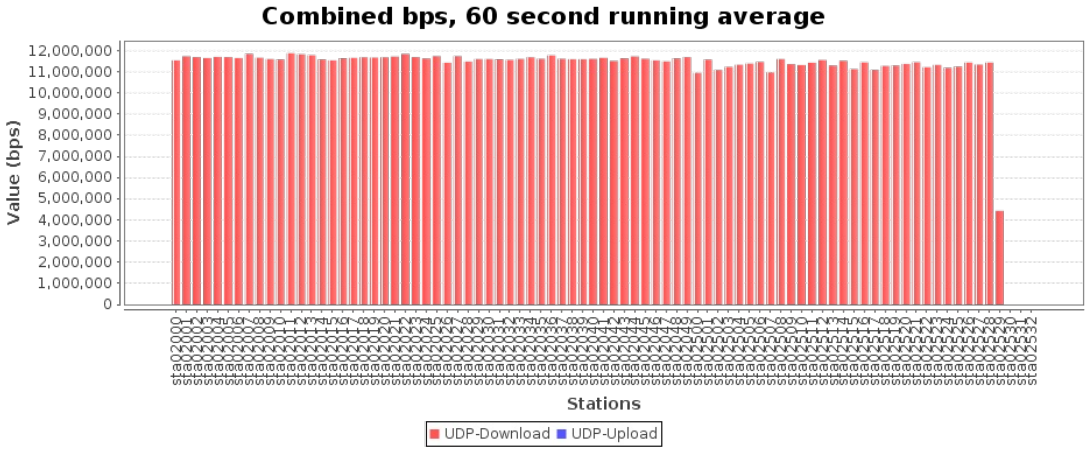
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  12048192 (12.048 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                              Total:    1000000000 (   1 Gbps)
Station count: 83   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Rate:
Download Rate:     Cx Min:        0 bps  Cx Ave:   11.02 Mbps  Cx Max:  11.869 Mbps  All Cx: 914.676 Mbps
Upload Rate:       Cx Min:        0 bps  Cx Ave:        0 bps  Cx Max:        0 bps  All Cx:        0 bps
                                                                                     Total: 914.676 Mbps
Aggregated Rate:   Min:           0 bps  Avg:      11.02 Mbps  Max:     11.869 Mbps
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02530-A udp--1.eth2-01.sta02531-A udp--1.eth2-01.sta02532-A

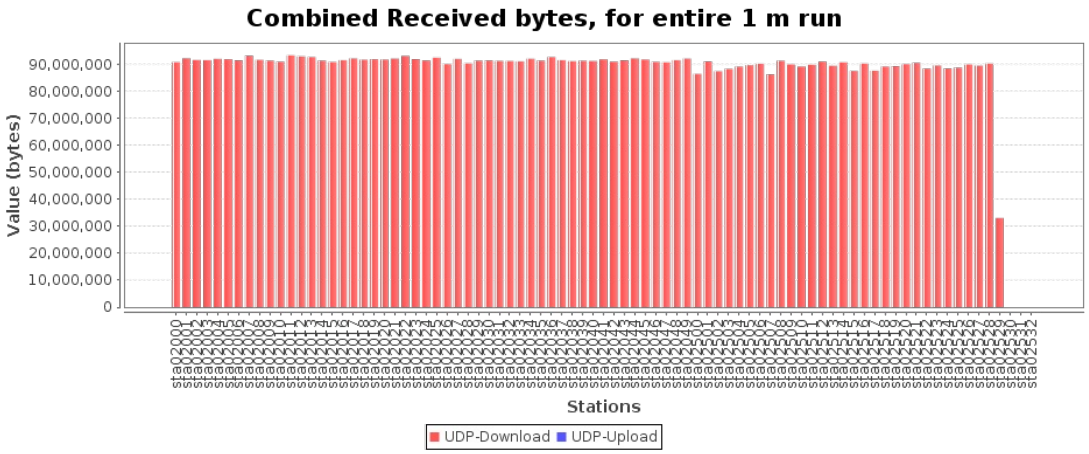
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  12048192 (12.048 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                              Total:    1000000000 (   1 Gbps)
Station count: 83   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Amount:
Download Amount:   Cx Min:          0 B  Cx Ave:        83 MB  Cx Max:    89.212 MB  All Cx:     6.728 GB
Upload Amount:     Cx Min:          0 B  Cx Ave:          0 B  Cx Max:          0 B  All Cx:          0 B
                                                                                     Total:      6.728 GB
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02530-A udp--1.eth2-01.sta02531-A udp--1.eth2-01.sta02532-A

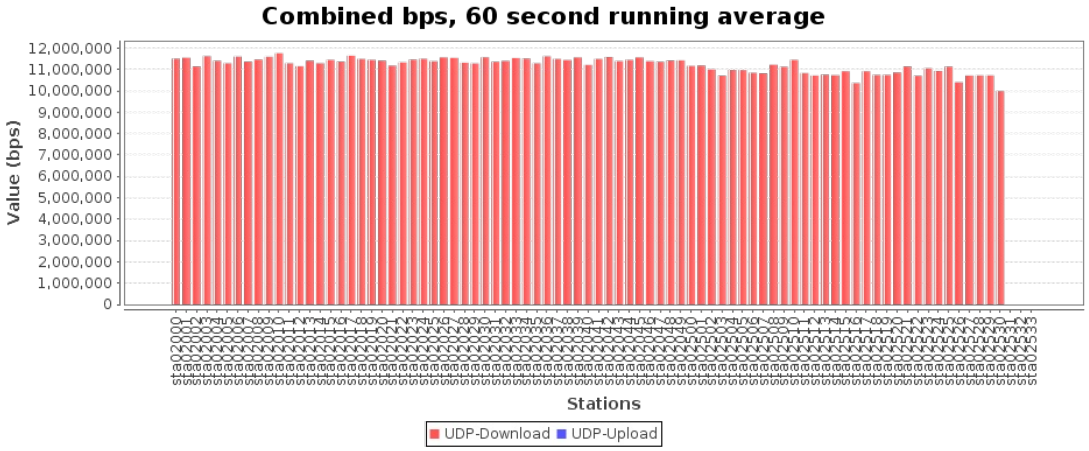
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  11904761 (11.905 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                              Total:    1000000000 (   1 Gbps)
Station count: 84   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Rate:
Download Rate:     Cx Min:        0 bps  Cx Ave:  10.824 Mbps  Cx Max:   11.77 Mbps  All Cx: 909.197 Mbps
Upload Rate:       Cx Min:        0 bps  Cx Ave:        0 bps  Cx Max:        0 bps  All Cx:        0 bps
                                                                                     Total: 909.197 Mbps
Aggregated Rate:   Min:           0 bps  Avg:     10.824 Mbps  Max:      11.77 Mbps
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02531-A udp--1.eth2-01.sta02532-A udp--1.eth2-01.sta02533-A

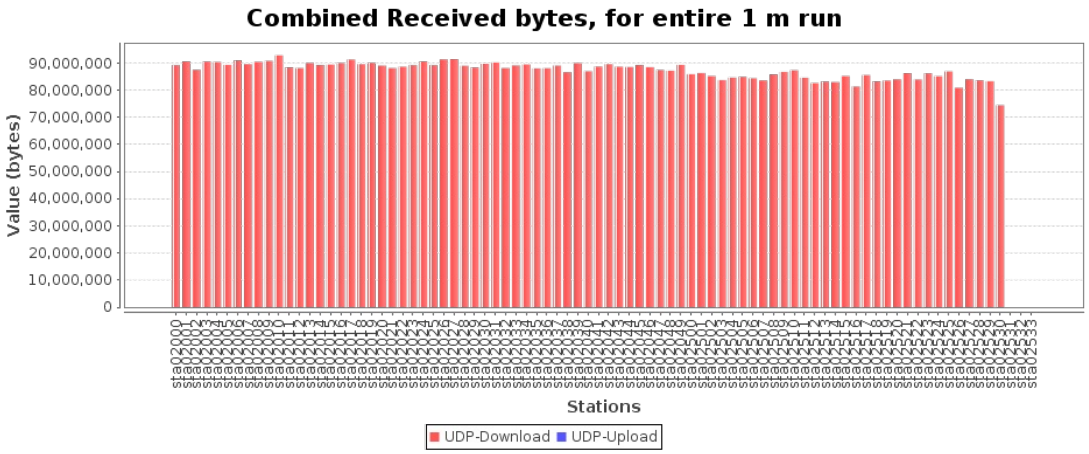
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  11904761 (11.905 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                              Total:    1000000000 (   1 Gbps)
Station count: 84   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Amount:
Download Amount:   Cx Min:          0 B  Cx Ave:    80.349 MB  Cx Max:    88.551 MB  All Cx:     6.591 GB
Upload Amount:     Cx Min:          0 B  Cx Ave:          0 B  Cx Max:          0 B  All Cx:          0 B
                                                                                     Total:      6.591 GB
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02531-A udp--1.eth2-01.sta02532-A udp--1.eth2-01.sta02533-A

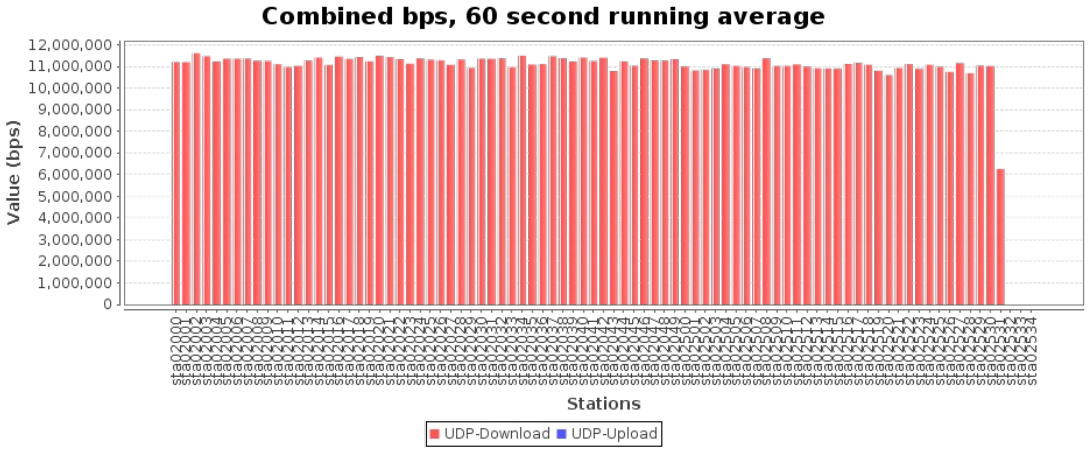
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  11764705 (11.765 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                              Total:    1000000000 (   1 Gbps)
Station count: 85   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Rate:
Download Rate:     Cx Min:        0 bps  Cx Ave:  10.712 Mbps  Cx Max:   11.62 Mbps  All Cx: 910.487 Mbps
Upload Rate:       Cx Min:        0 bps  Cx Ave:        0 bps  Cx Max:        0 bps  All Cx:        0 bps
                                                                                     Total: 910.487 Mbps
Aggregated Rate:   Min:           0 bps  Avg:     10.712 Mbps  Max:      11.62 Mbps
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02532-A udp--1.eth2-01.sta02533-A udp--1.eth2-01.sta02534-A

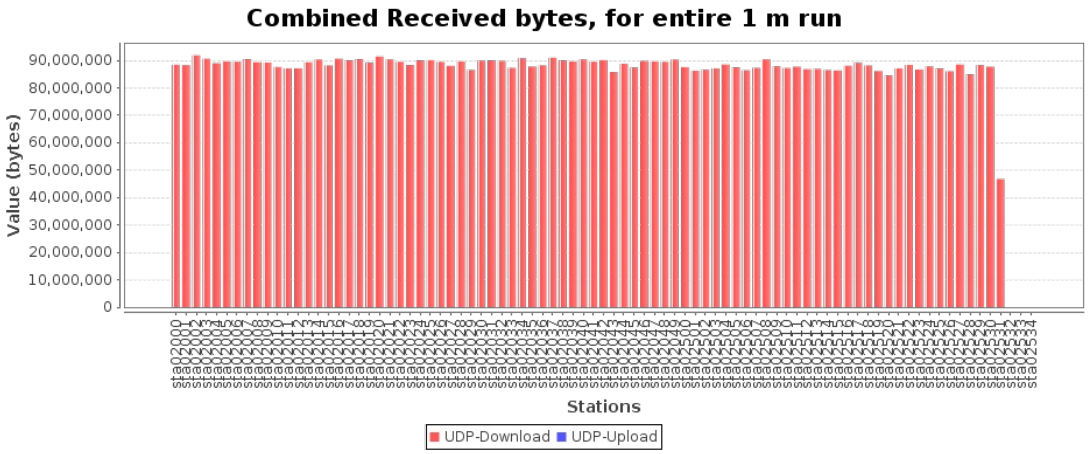
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  11764705 (11.765 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                                Total:    1000000000 (   1 Gbps)
Station count: 85   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Amount:
Download Amount:   Cx Min:          0 B  Cx Ave:    80.953 MB  Cx Max:    87.561 MB  All Cx:      6.72 GB
Upload Amount:     Cx Min:          0 B  Cx Ave:          0 B  Cx Max:          0 B  All Cx:         0 B
                                                                                     Total:       6.72 GB
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02532-A udp--1.eth2-01.sta02533-A udp--1.eth2-01.sta02534-A

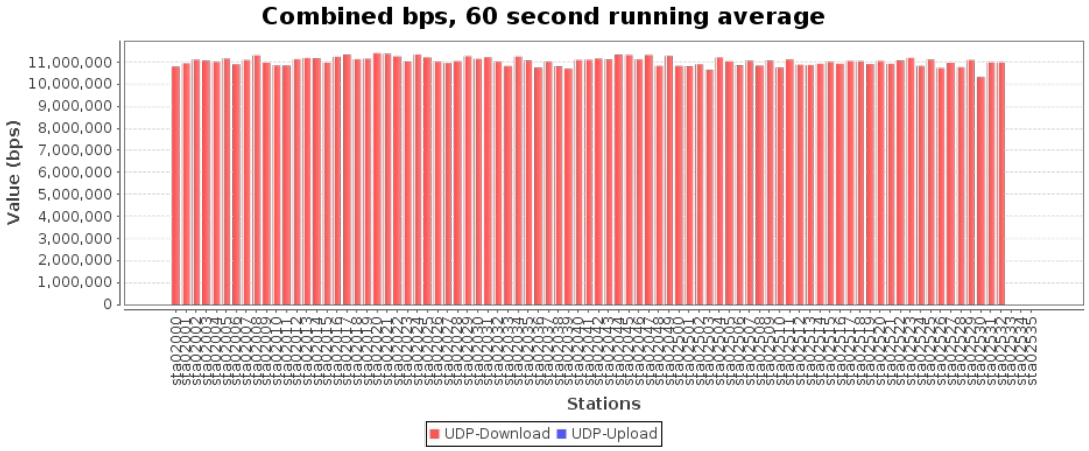
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  11627906 (11.628 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                                Total:    1000000000 (   1 Gbps)
Station count: 86   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Rate:
Download Rate:     Cx Min:        0 bps  Cx Ave:  10.645 Mbps  Cx Max:  11.403 Mbps  All Cx:  915.48 Mbps
Upload Rate:       Cx Min:        0 bps  Cx Ave:        0 bps  Cx Max:        0 bps  All Cx:        0 bps
                                                                                     Total:  915.48 Mbps
Aggregated Rate:   Min:           0 bps  Avg:     10.645 Mbps  Max:     11.403 Mbps
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02533-A udp--1.eth2-01.sta02534-A udp--1.eth2-01.sta02535-A

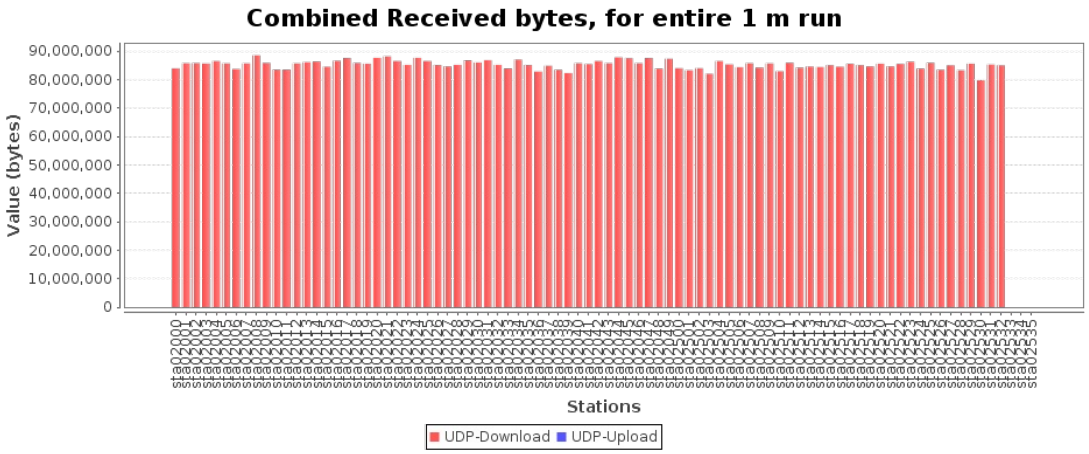
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  11627906 (11.628 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                                Total:    1000000000 (   1 Gbps)
Station count: 86   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Amount:
Download Amount:   Cx Min:          0 B  Cx Ave:    78.509 MB  Cx Max:    84.442 MB  All Cx:     6.593 GB
Upload Amount:     Cx Min:          0 B  Cx Ave:          0 B  Cx Max:          0 B  All Cx:          0 B
                                                                                     Total:      6.593 GB
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02533-A udp--1.eth2-01.sta02534-A udp--1.eth2-01.sta02535-A

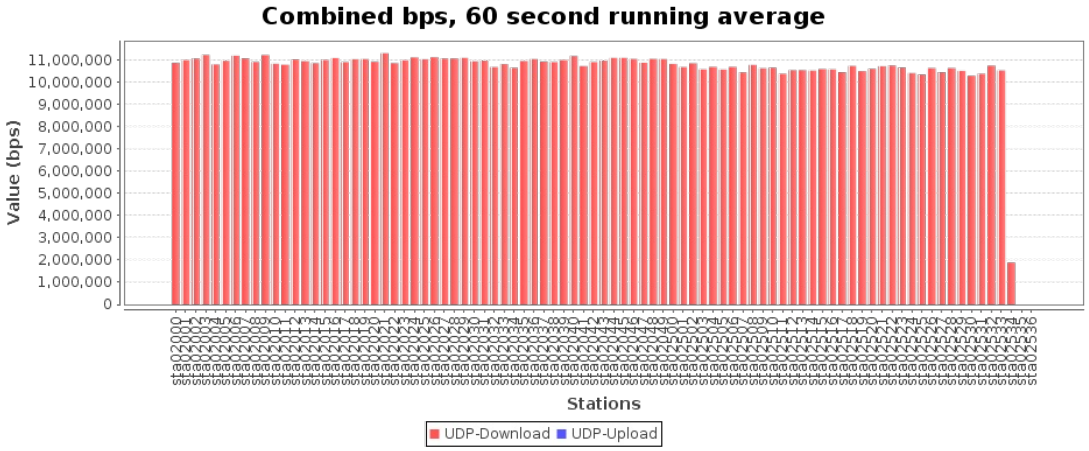
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  11494252 (11.494 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                                Total:    1000000000 (   1 Gbps)
Station count: 87   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Rate:
Download Rate:     Cx Min:        0 bps  Cx Ave:  10.484 Mbps  Cx Max:  11.316 Mbps  All Cx: 912.071 Mbps
Upload Rate:       Cx Min:        0 bps  Cx Ave:        0 bps  Cx Max:        0 bps  All Cx:        0 bps
                                                                                     Total: 912.071 Mbps
Aggregated Rate:   Min:           0 bps  Avg:     10.484 Mbps  Max:     11.316 Mbps
Non-Transmitting endpoints: (2)  udp--1.eth2-01.sta02535-A udp--1.eth2-01.sta02536-A

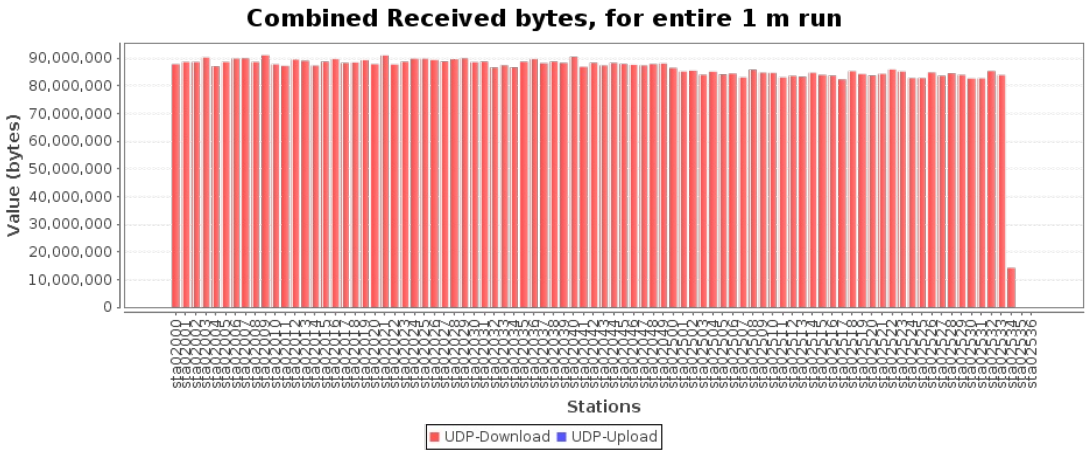
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  11494252 (11.494 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                                Total:    1000000000 (   1 Gbps)
Station count: 87   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Amount:
Download Amount:   Cx Min:          0 B  Cx Ave:    80.096 MB  Cx Max:    86.796 MB  All Cx:     6.805 GB
Upload Amount:     Cx Min:          0 B  Cx Ave:          0 B  Cx Max:          0 B  All Cx:          0 B
                                                                                     Total:      6.805 GB
Non-Transmitting endpoints: (2)  udp--1.eth2-01.sta02535-A udp--1.eth2-01.sta02536-A

This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```

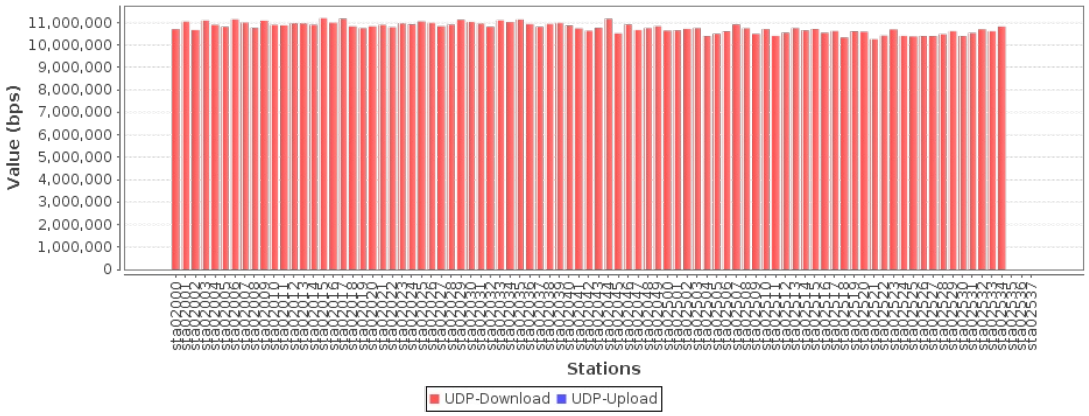



```
Requested Parameters:
Download Rate: Per station:  11363636 (11.364 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                                Total:    1000000000 (   1 Gbps)
Station count: 88   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Rate:
Download Rate:     Cx Min:        0 bps  Cx Ave:  10.399 Mbps  Cx Max:  11.186 Mbps  All Cx: 915.115 Mbps
Upload Rate:       Cx Min:        0 bps  Cx Ave:        0 bps  Cx Max:        0 bps  All Cx:        0 bps
                                                                                     Total: 915.115 Mbps
Aggregated Rate:   Min:           0 bps  Avg:     10.399 Mbps  Max:     11.186 Mbps
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02535-A udp--1.eth2-01.sta02536-A udp--1.eth2-01.sta02537-A

This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```

Combined bps, 60 second running average

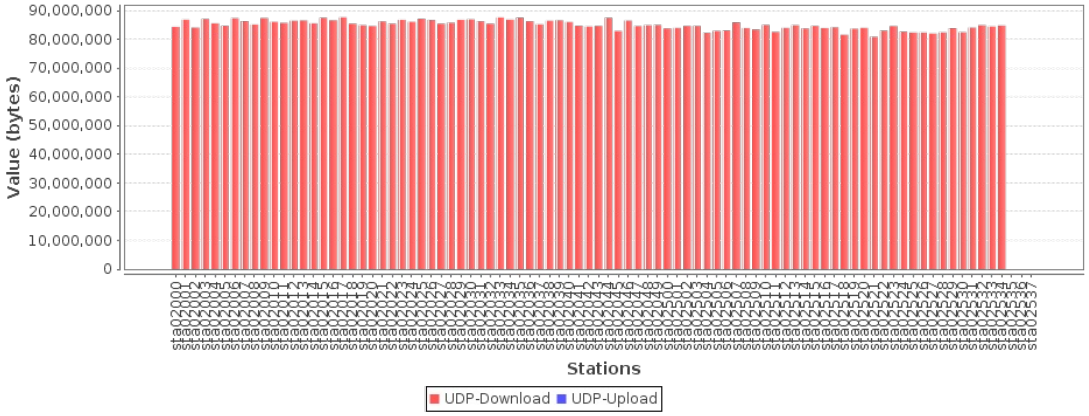



```
Requested Parameters:
Download Rate: Per station:  11363636 (11.364 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                                Total:    1000000000 (   1 Gbps)
Station count: 88   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Amount:
Download Amount:   Cx Min:          0 B  Cx Ave:    78.327 MB  Cx Max:    83.622 MB  All Cx:     6.731 GB
Upload Amount:     Cx Min:          0 B  Cx Ave:          0 B  Cx Max:          0 B  All Cx:          0 B
                                                                                     Total:      6.731 GB
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02535-A udp--1.eth2-01.sta02536-A udp--1.eth2-01.sta02537-A

This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```

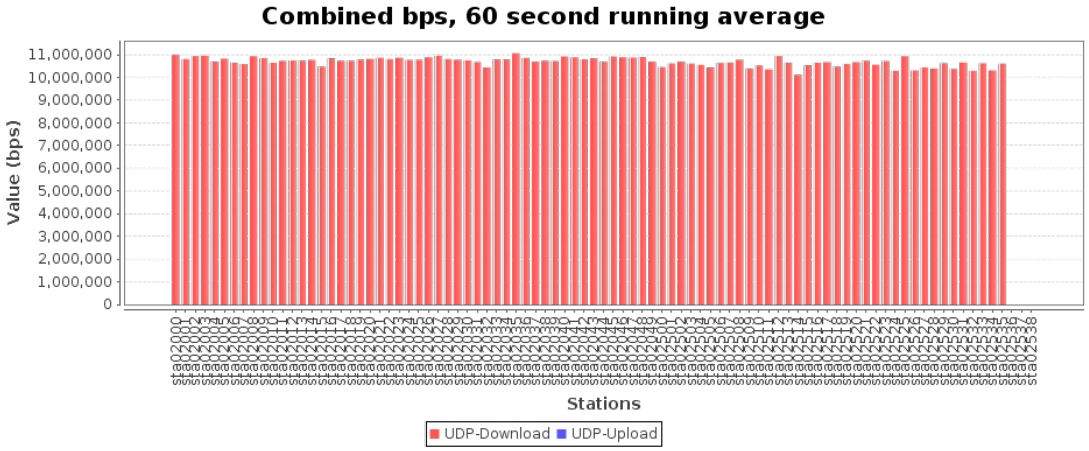
Combined Received bytes, for entire 1 m run




```
Requested Parameters:
Download Rate: Per station:  11235955 (11.236 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                                Total:    1000000000 (   1 Gbps)
Station count: 89   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Rate:
Download Rate:     Cx Min:        0 bps  Cx Ave:  10.333 Mbps  Cx Max:  11.067 Mbps  All Cx: 919.657 Mbps
Upload Rate:       Cx Min:        0 bps  Cx Ave:        0 bps  Cx Max:        0 bps  All Cx:        0 bps
                                                                                     Total: 919.657 Mbps
Aggregated Rate:   Min:           0 bps  Avg:     10.333 Mbps  Max:     11.067 Mbps
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02536-A udp--1.eth2-01.sta02537-A udp--1.eth2-01.sta02538-A

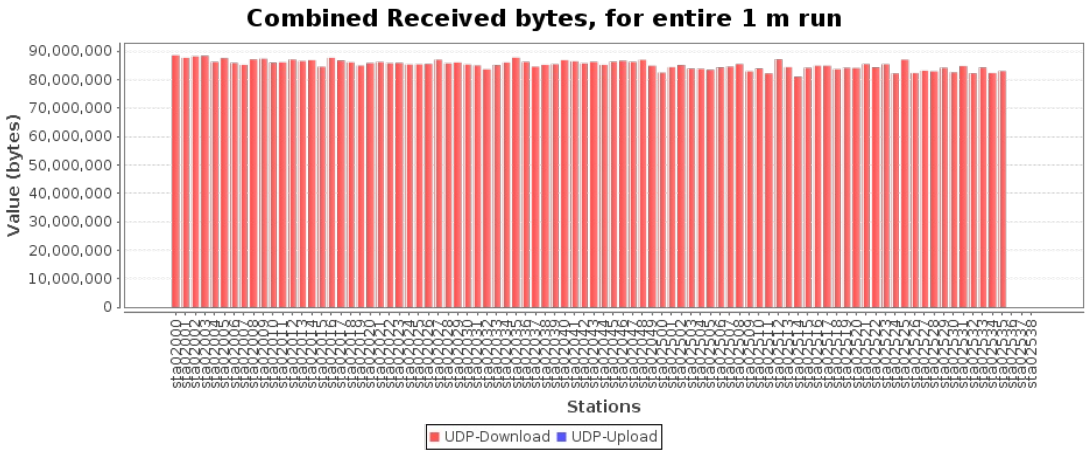
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  11235955 (11.236 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                              Total:    1000000000 (   1 Gbps)
Station count: 89   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Amount:
Download Amount:   Cx Min:          0 B  Cx Ave:    78.576 MB  Cx Max:    84.476 MB  All Cx:     6.829 GB
Upload Amount:     Cx Min:          0 B  Cx Ave:          0 B  Cx Max:          0 B  All Cx:          0 B
                                                                                     Total:      6.829 GB
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02536-A udp--1.eth2-01.sta02537-A udp--1.eth2-01.sta02538-A

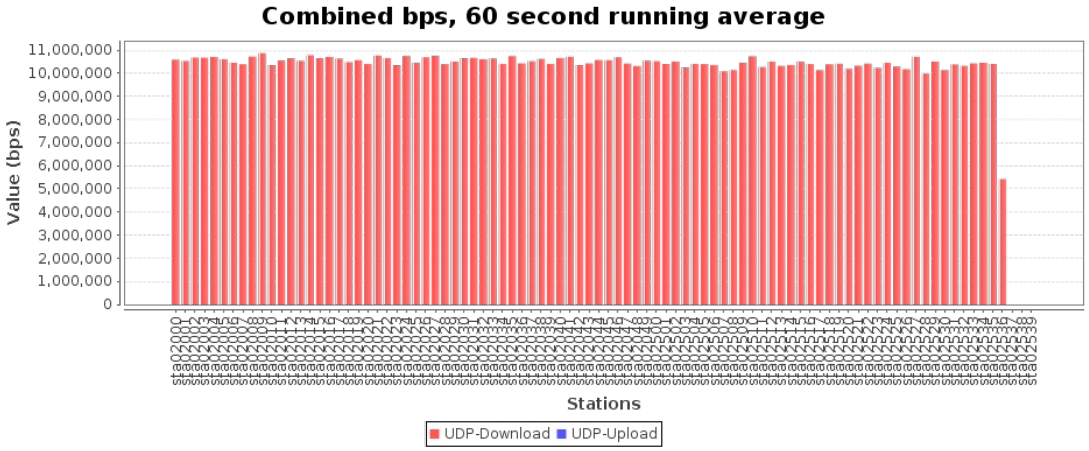
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  11111111 (11.111 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                              Total:    1000000000 (   1 Gbps)
Station count: 90   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Rate:
Download Rate:     Cx Min:        0 bps  Cx Ave:  10.075 Mbps  Cx Max:  10.862 Mbps  All Cx: 906.711 Mbps
Upload Rate:       Cx Min:        0 bps  Cx Ave:        0 bps  Cx Max:        0 bps  All Cx:        0 bps
                                                                                     Total: 906.711 Mbps
Aggregated Rate:   Min:           0 bps  Avg:     10.075 Mbps  Max:     10.862 Mbps
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02537-A udp--1.eth2-01.sta02538-A udp--1.eth2-01.sta02539-A

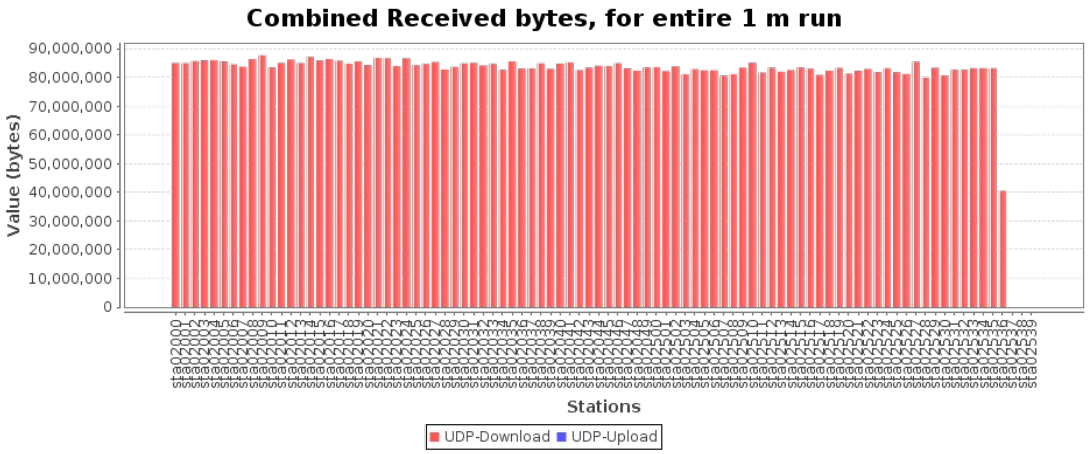
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  11111111 (11.111 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                              Total:    1000000000 (   1 Gbps)
Station count: 90   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Amount:
Download Amount:   Cx Min:          0 B  Cx Ave:    76.911 MB  Cx Max:    83.723 MB  All Cx:      6.76 GB
Upload Amount:     Cx Min:          0 B  Cx Ave:          0 B  Cx Max:          0 B  All Cx:         0 B
                                                                                     Total:       6.76 GB
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02537-A udp--1.eth2-01.sta02538-A udp--1.eth2-01.sta02539-A

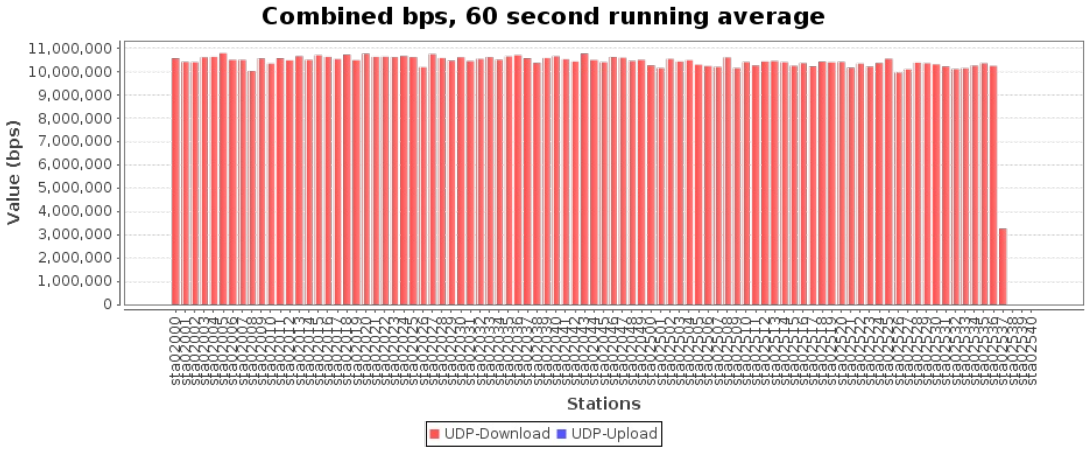
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  10989010 (10.989 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                              Total:    1000000000 (   1 Gbps)
Station count: 91   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Rate:
Download Rate:     Cx Min:        0 bps  Cx Ave:  10.026 Mbps  Cx Max:  10.788 Mbps  All Cx: 912.409 Mbps
Upload Rate:       Cx Min:        0 bps  Cx Ave:        0 bps  Cx Max:        0 bps  All Cx:        0 bps
                                                                                     Total: 912.409 Mbps
Aggregated Rate:   Min:           0 bps  Avg:     10.026 Mbps  Max:     10.788 Mbps
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02538-A udp--1.eth2-01.sta02539-A udp--1.eth2-01.sta02540-A

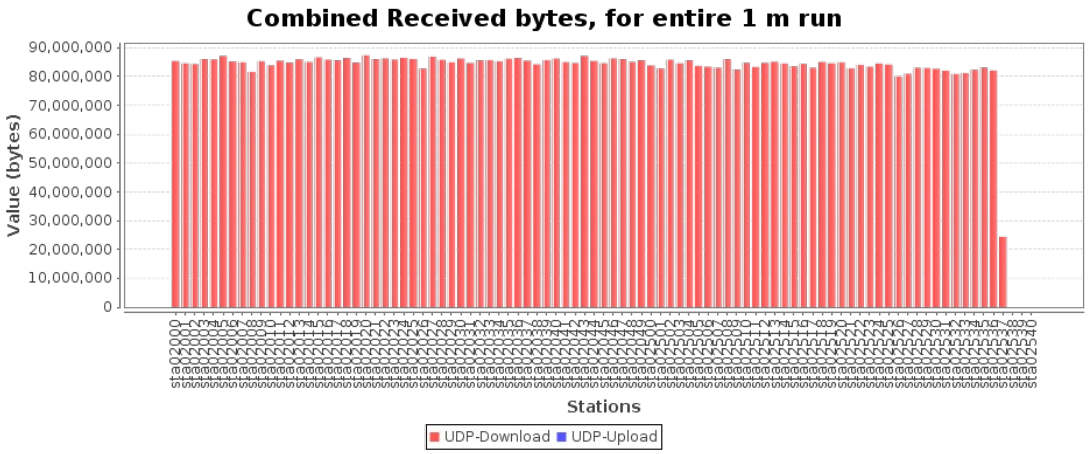
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  10989010 (10.989 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                              Total:    1000000000 (   1 Gbps)
Station count: 91   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Amount:
Download Amount:   Cx Min:          0 B  Cx Ave:    77.382 MB  Cx Max:     83.25 MB  All Cx:     6.877 GB
Upload Amount:     Cx Min:          0 B  Cx Ave:          0 B  Cx Max:          0 B  All Cx:          0 B
                                                                                     Total:      6.877 GB
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02538-A udp--1.eth2-01.sta02539-A udp--1.eth2-01.sta02540-A

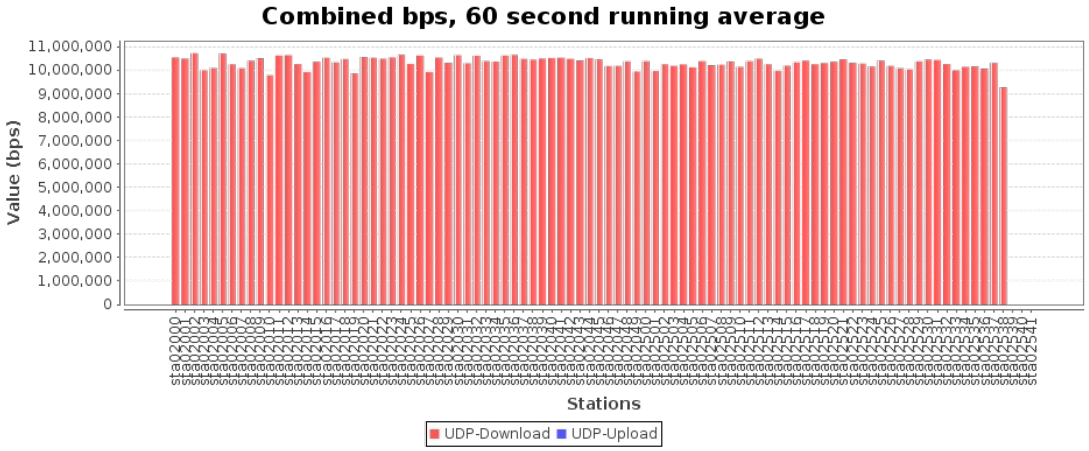
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  10869565 (10.87 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                              Total:    1000000000 (   1 Gbps)
Station count: 92   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Rate:
Download Rate:     Cx Min:        0 bps  Cx Ave:   9.984 Mbps  Cx Max:  10.726 Mbps  All Cx: 918.555 Mbps
Upload Rate:       Cx Min:        0 bps  Cx Ave:        0 bps  Cx Max:        0 bps  All Cx:        0 bps
                                                                                     Total: 918.555 Mbps
Aggregated Rate:   Min:           0 bps  Avg:      9.984 Mbps  Max:     10.726 Mbps
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02539-A udp--1.eth2-01.sta02540-A udp--1.eth2-01.sta02541-A

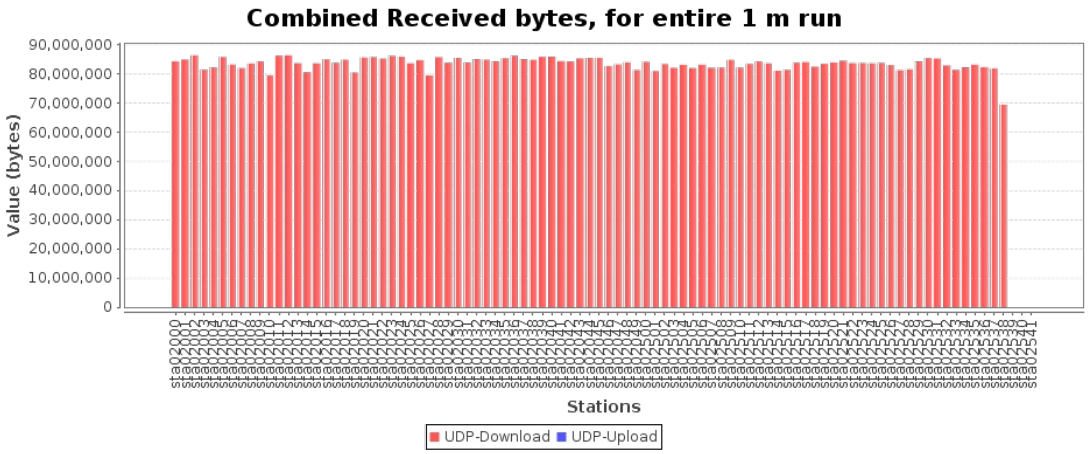
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  10869565 (10.87 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                              Total:    1000000000 (   1 Gbps)
Station count: 92   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Amount:
Download Amount:   Cx Min:          0 B  Cx Ave:    77.072 MB  Cx Max:     82.36 MB  All Cx:     6.924 GB
Upload Amount:     Cx Min:          0 B  Cx Ave:          0 B  Cx Max:          0 B  All Cx:          0 B
                                                                                     Total:      6.924 GB
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02539-A udp--1.eth2-01.sta02540-A udp--1.eth2-01.sta02541-A

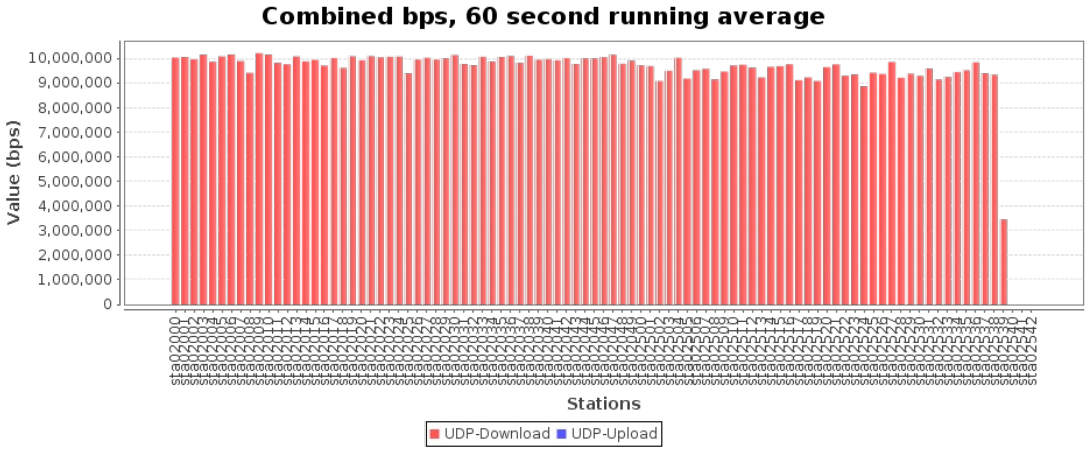
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  10752688 (10.753 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                              Total:    1000000000 (   1 Gbps)
Station count: 93   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Rate:
Download Rate:     Cx Min:        0 bps  Cx Ave:   9.351 Mbps  Cx Max:   10.21 Mbps  All Cx: 869.652 Mbps
Upload Rate:       Cx Min:        0 bps  Cx Ave:        0 bps  Cx Max:        0 bps  All Cx:        0 bps
                                                                                     Total: 869.652 Mbps
Aggregated Rate:   Min:           0 bps  Avg:      9.351 Mbps  Max:      10.21 Mbps
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02540-A udp--1.eth2-01.sta02541-A udp--1.eth2-01.sta02542-A

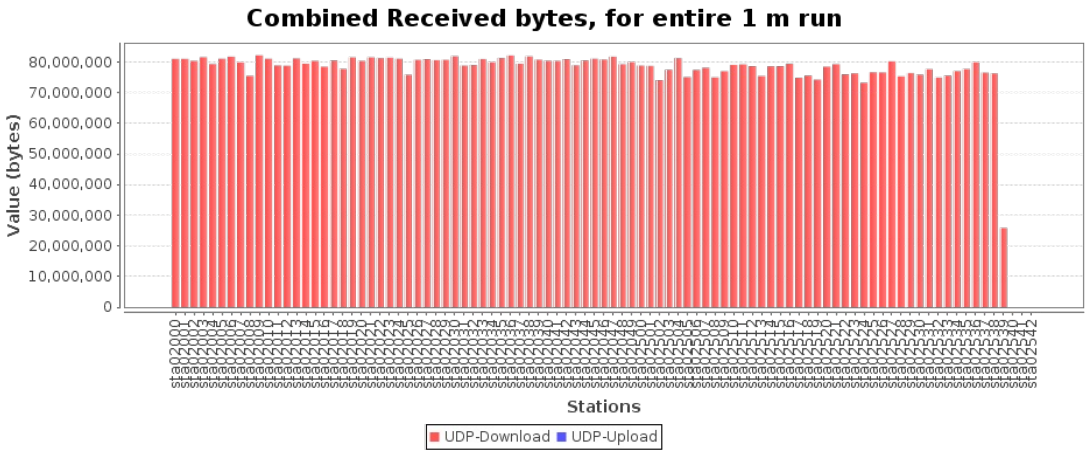
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  10752688 (10.753 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                              Total:    1000000000 (   1 Gbps)
Station count: 93   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Amount:
Download Amount:   Cx Min:          0 B  Cx Ave:    72.273 MB  Cx Max:    78.362 MB  All Cx:     6.564 GB
Upload Amount:     Cx Min:          0 B  Cx Ave:          0 B  Cx Max:          0 B  All Cx:          0 B
                                                                                     Total:      6.564 GB
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02540-A udp--1.eth2-01.sta02541-A udp--1.eth2-01.sta02542-A

This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```

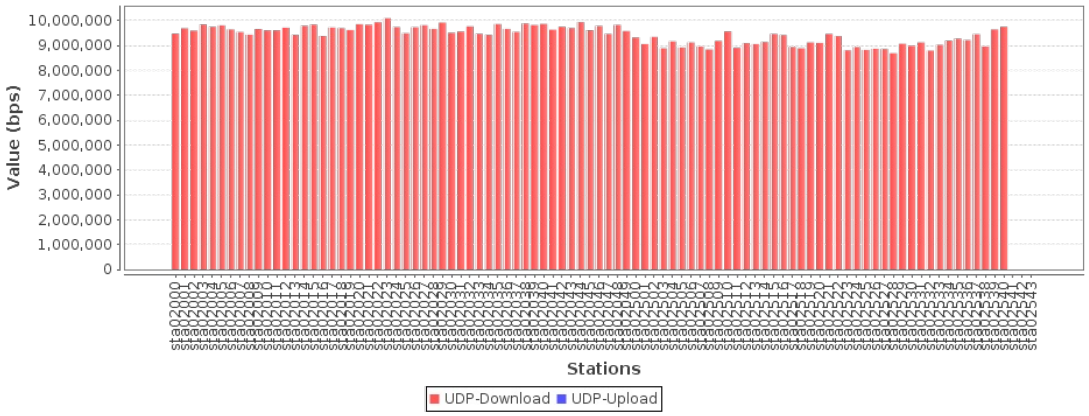



```
Requested Parameters:
Download Rate: Per station:  10638297 (10.638 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                              Total:    1000000000 (   1 Gbps)
Station count: 94   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Rate:
Download Rate:     Cx Min:        0 bps  Cx Ave:   9.141 Mbps  Cx Max:  10.104 Mbps  All Cx:  859.22 Mbps
Upload Rate:       Cx Min:        0 bps  Cx Ave:        0 bps  Cx Max:        0 bps  All Cx:        0 bps
                                                                                     Total:  859.22 Mbps
Aggregated Rate:   Min:           0 bps  Avg:      9.141 Mbps  Max:     10.104 Mbps
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02541-A udp--1.eth2-01.sta02542-A udp--1.eth2-01.sta02543-A

This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```

Combined bps, 60 second running average

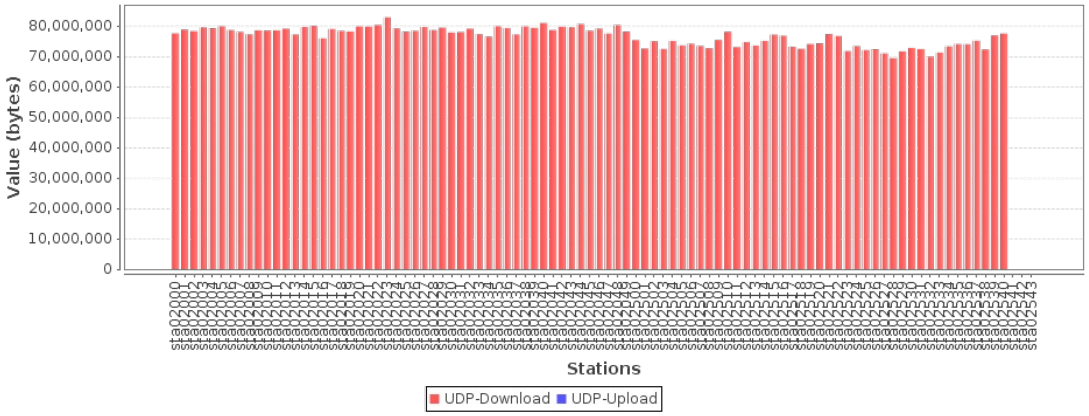



```
Requested Parameters:
Download Rate: Per station:  10638297 (10.638 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                              Total:    1000000000 (   1 Gbps)
Station count: 94   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Amount:
Download Amount:   Cx Min:          0 B  Cx Ave:    70.759 MB  Cx Max:    79.033 MB  All Cx:     6.495 GB
Upload Amount:     Cx Min:          0 B  Cx Ave:          0 B  Cx Max:          0 B  All Cx:          0 B
                                                                                     Total:      6.495 GB
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02541-A udp--1.eth2-01.sta02542-A udp--1.eth2-01.sta02543-A

This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```

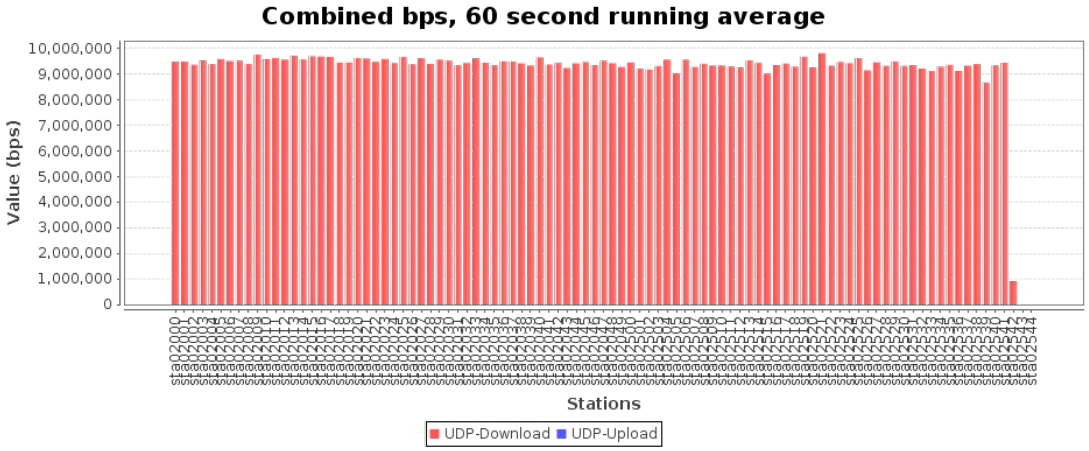
Combined Received bytes, for entire 1 m run




```
Requested Parameters:
Download Rate: Per station:  10526315 (10.526 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                              Total:    1000000000 (   1 Gbps)
Station count: 95   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Rate:
Download Rate:     Cx Min:        0 bps  Cx Ave:   9.136 Mbps  Cx Max:   9.815 Mbps  All Cx: 867.914 Mbps
Upload Rate:       Cx Min:        0 bps  Cx Ave:        0 bps  Cx Max:        0 bps  All Cx:        0 bps
                                                                                     Total: 867.914 Mbps
Aggregated Rate:   Min:           0 bps  Avg:      9.136 Mbps  Max:      9.815 Mbps
Non-Transmitting endpoints: (2)  udp--1.eth2-01.sta02543-A udp--1.eth2-01.sta02544-A

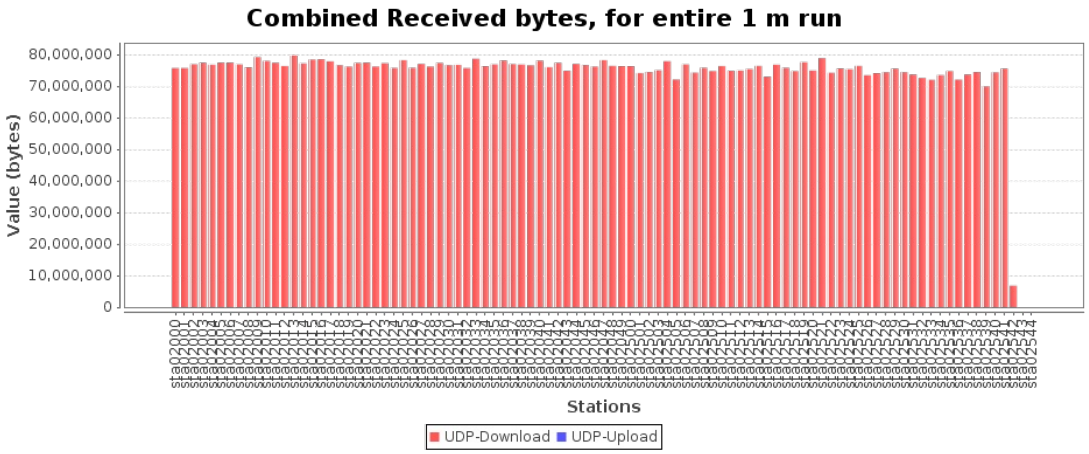
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  10526315 (10.526 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                              Total:    1000000000 (   1 Gbps)
Station count: 95   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Amount:
Download Amount:   Cx Min:          0 B  Cx Ave:    70.341 MB  Cx Max:    76.134 MB  All Cx:     6.526 GB
Upload Amount:     Cx Min:          0 B  Cx Ave:          0 B  Cx Max:          0 B  All Cx:          0 B
                                                                                     Total:      6.526 GB
Non-Transmitting endpoints: (2)  udp--1.eth2-01.sta02543-A udp--1.eth2-01.sta02544-A

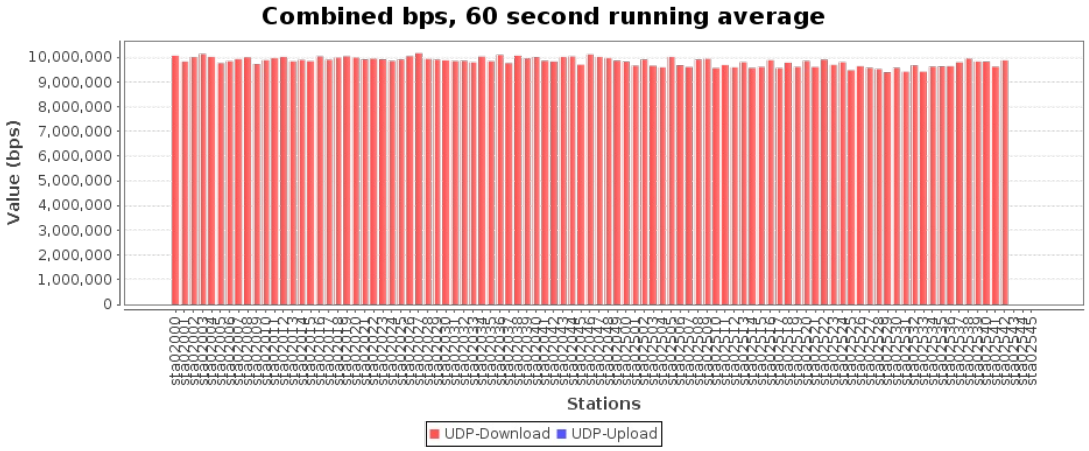
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  10416666 (10.417 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                              Total:    1000000000 (   1 Gbps)
Station count: 96   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Rate:
Download Rate:     Cx Min:        0 bps  Cx Ave:   9.517 Mbps  Cx Max:  10.164 Mbps  All Cx: 913.656 Mbps
Upload Rate:       Cx Min:        0 bps  Cx Ave:        0 bps  Cx Max:        0 bps  All Cx:        0 bps
                                                                                     Total: 913.656 Mbps
Aggregated Rate:   Min:           0 bps  Avg:      9.517 Mbps  Max:     10.164 Mbps
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02543-A udp--1.eth2-01.sta02544-A udp--1.eth2-01.sta02545-A

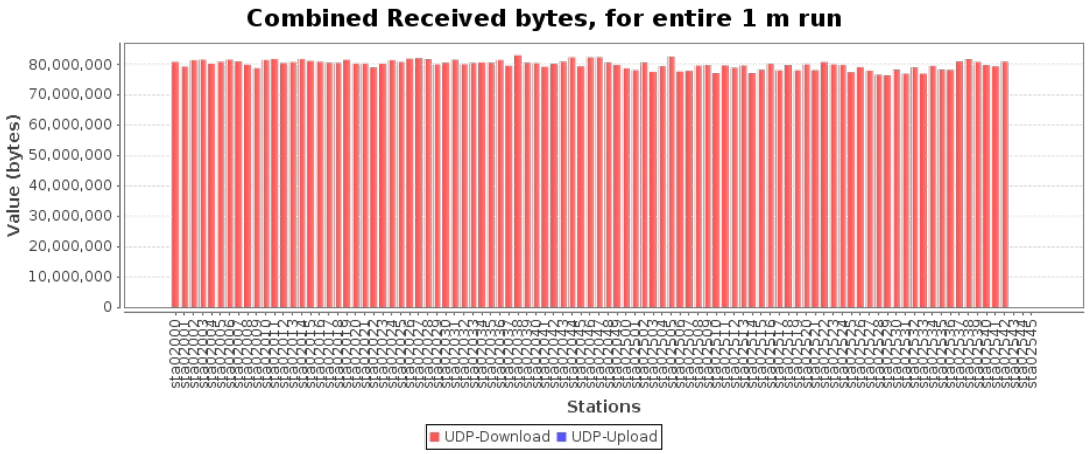
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  10416666 (10.417 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                              Total:    1000000000 (   1 Gbps)
Station count: 96   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Amount:
Download Amount:   Cx Min:          0 B  Cx Ave:    73.805 MB  Cx Max:    79.092 MB  All Cx:     6.919 GB
Upload Amount:     Cx Min:          0 B  Cx Ave:          0 B  Cx Max:          0 B  All Cx:          0 B
                                                                                     Total:      6.919 GB
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02543-A udp--1.eth2-01.sta02544-A udp--1.eth2-01.sta02545-A

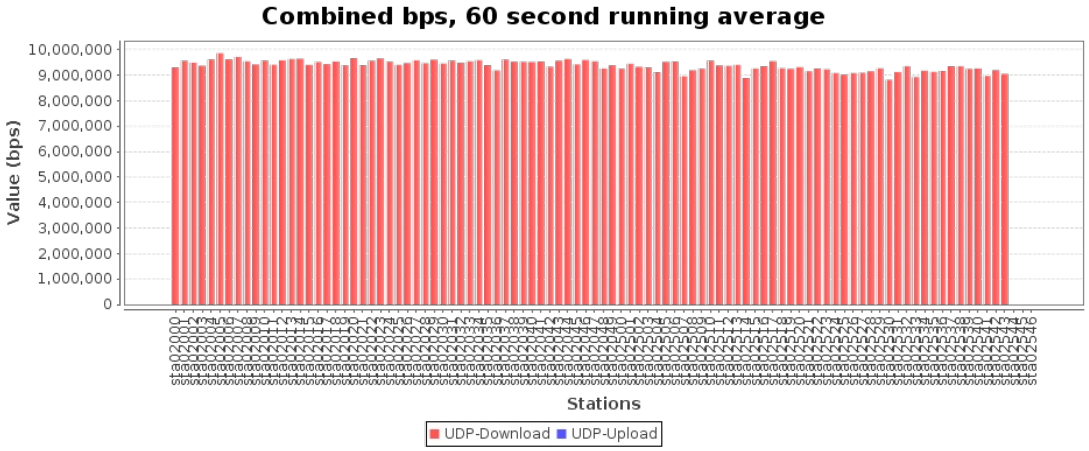
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  10309278 (10.309 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                              Total:    1000000000 (   1 Gbps)
Station count: 97   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Rate:
Download Rate:     Cx Min:        0 bps  Cx Ave:   9.089 Mbps  Cx Max:   9.863 Mbps  All Cx: 881.631 Mbps
Upload Rate:       Cx Min:        0 bps  Cx Ave:        0 bps  Cx Max:        0 bps  All Cx:        0 bps
                                                                                     Total: 881.631 Mbps
Aggregated Rate:   Min:           0 bps  Avg:      9.089 Mbps  Max:      9.863 Mbps
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02544-A udp--1.eth2-01.sta02545-A udp--1.eth2-01.sta02546-A

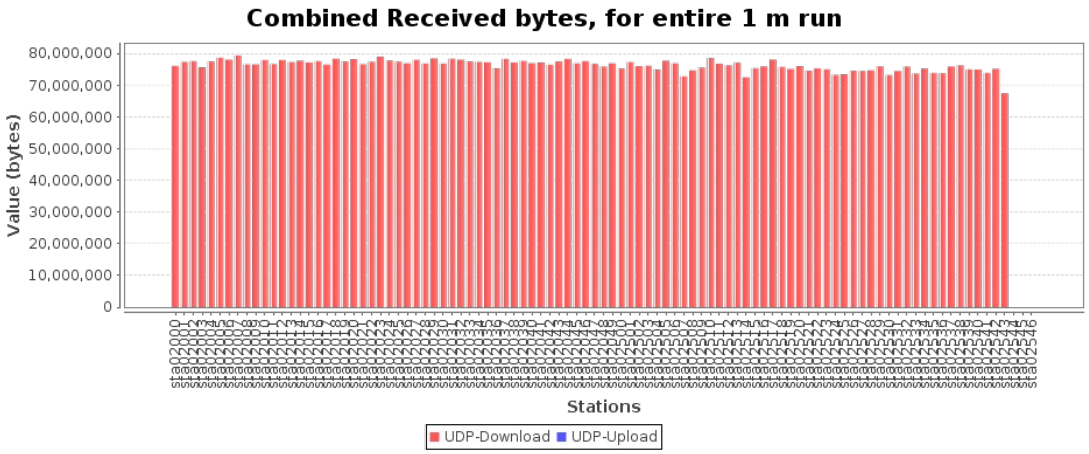
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  10309278 (10.309 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                              Total:    1000000000 (   1 Gbps)
Station count: 97   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Amount:
Download Amount:   Cx Min:          0 B  Cx Ave:    70.557 MB  Cx Max:    75.782 MB  All Cx:     6.684 GB
Upload Amount:     Cx Min:          0 B  Cx Ave:          0 B  Cx Max:          0 B  All Cx:          0 B
                                                                                     Total:      6.684 GB
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02544-A udp--1.eth2-01.sta02545-A udp--1.eth2-01.sta02546-A

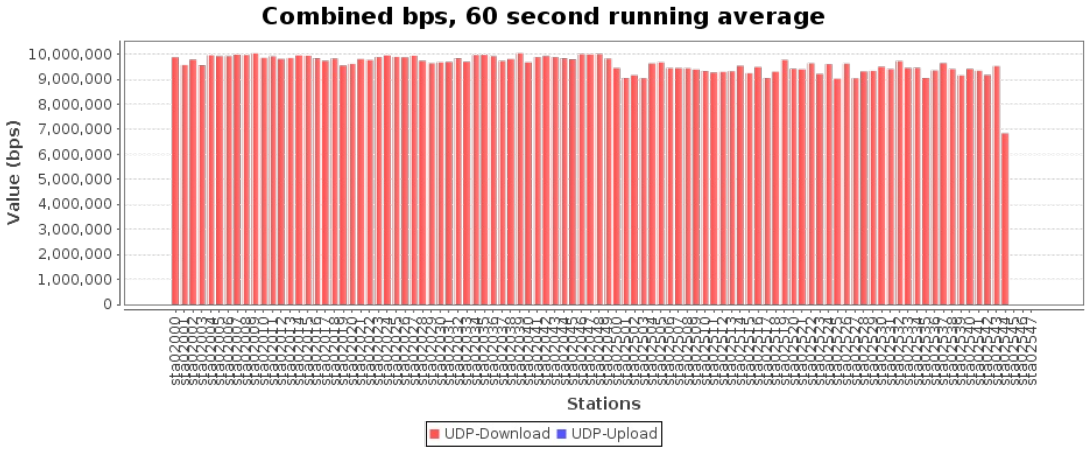
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  10204081 (10.204 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                              Total:    1000000000 (   1 Gbps)
Station count: 98   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Rate:
Download Rate:     Cx Min:        0 bps  Cx Ave:   9.301 Mbps  Cx Max:   10.04 Mbps  All Cx: 911.524 Mbps
Upload Rate:       Cx Min:        0 bps  Cx Ave:        0 bps  Cx Max:        0 bps  All Cx:        0 bps
                                                                                     Total: 911.524 Mbps
Aggregated Rate:   Min:           0 bps  Avg:      9.301 Mbps  Max:      10.04 Mbps
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02545-A udp--1.eth2-01.sta02546-A udp--1.eth2-01.sta02547-A

This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  10204081 (10.204 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                              Total:    1000000000 (   1 Gbps)
Station count: 98   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Amount:
Download Amount:   Cx Min:          0 B  Cx Ave:    72.219 MB  Cx Max:    78.247 MB  All Cx:     6.912 GB
Upload Amount:     Cx Min:          0 B  Cx Ave:          0 B  Cx Max:          0 B  All Cx:          0 B
                                                                                     Total:      6.912 GB
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02545-A udp--1.eth2-01.sta02546-A udp--1.eth2-01.sta02547-A

This graph shows fairness.  On a fair system, each station should get about the same throughput.
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but in the upload direction, LANforge itself would be the source of most fairness issues
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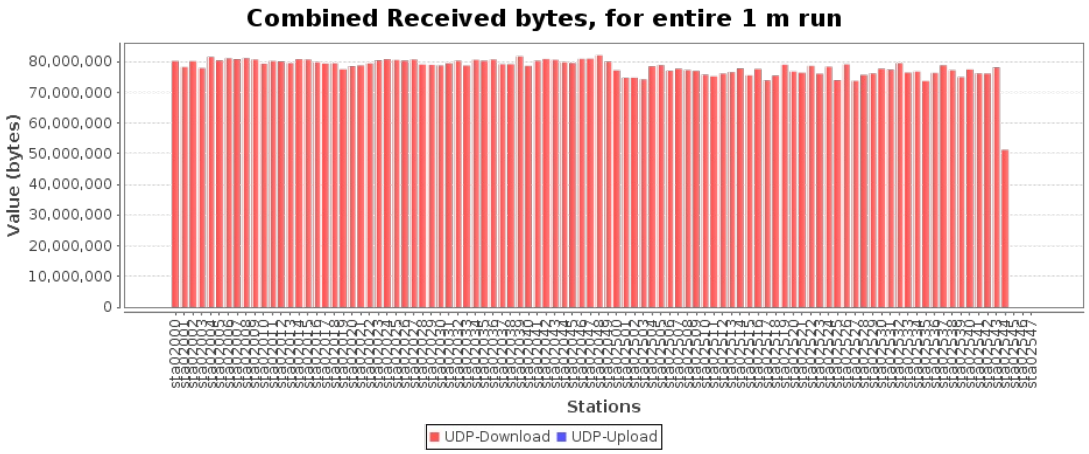
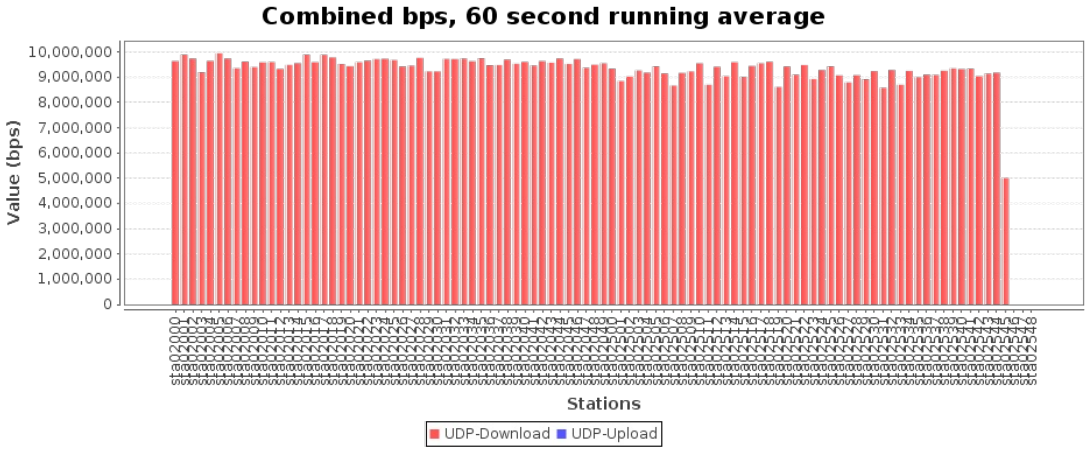
```




```
Requested Parameters:
Download Rate: Per station:  10101010 (10.101 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                              Total:    1000000000 (   1 Gbps)
Station count: 99   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Rate:
Download Rate:     Cx Min:        0 bps  Cx Ave:   9.048 Mbps  Cx Max:   9.935 Mbps  All Cx: 895.711 Mbps
Upload Rate:       Cx Min:        0 bps  Cx Ave:        0 bps  Cx Max:        0 bps  All Cx:        0 bps
                                                                                     Total: 895.711 Mbps
Aggregated Rate:   Min:           0 bps  Avg:      9.048 Mbps  Max:      9.935 Mbps
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02546-A udp--1.eth2-01.sta02547-A udp--1.eth2-01.sta02548-A

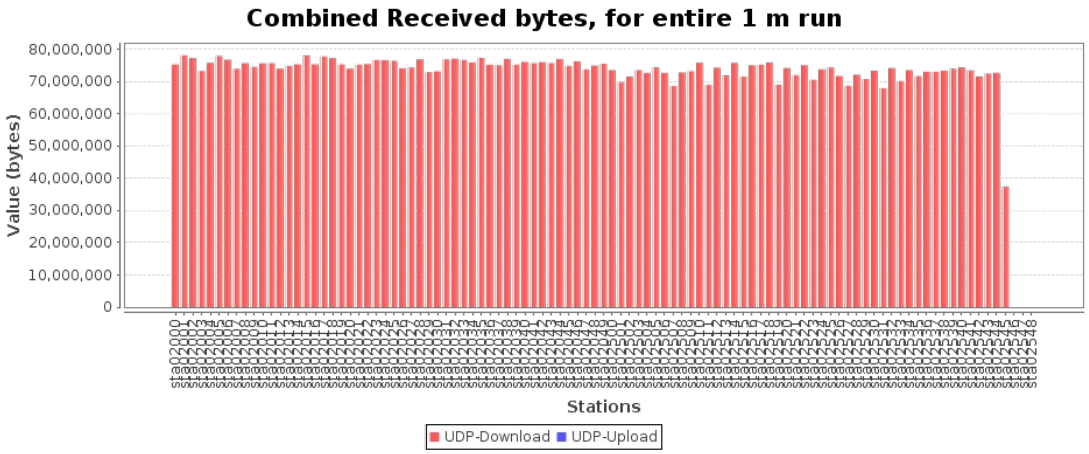
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  10101010 (10.101 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                              Total:    1000000000 (   1 Gbps)
Station count: 99   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Amount:
Download Amount:   Cx Min:          0 B  Cx Ave:    68.291 MB  Cx Max:    74.493 MB  All Cx:     6.602 GB
Upload Amount:     Cx Min:          0 B  Cx Ave:          0 B  Cx Max:          0 B  All Cx:          0 B
                                                                                     Total:      6.602 GB
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02546-A udp--1.eth2-01.sta02547-A udp--1.eth2-01.sta02548-A

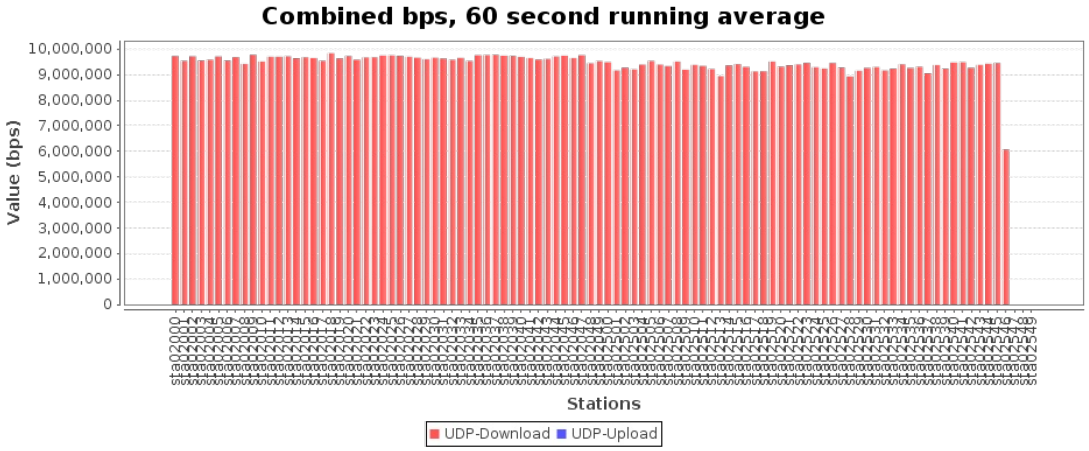
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```




```
Requested Parameters:
Download Rate: Per station:  10000000 (  10 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                             Total:    1000000000 (   1 Gbps)
Station count: 100   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Rate:
Download Rate:     Cx Min:        0 bps  Cx Ave:   9.176 Mbps  Cx Max:   9.842 Mbps  All Cx: 917.635 Mbps
Upload Rate:       Cx Min:        0 bps  Cx Ave:        0 bps  Cx Max:        0 bps  All Cx:        0 bps
                                                                                     Total: 917.635 Mbps
Aggregated Rate:   Min:           0 bps  Avg:      9.176 Mbps  Max:      9.842 Mbps
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02547-A udp--1.eth2-01.sta02548-A udp--1.eth2-01.sta02549-A

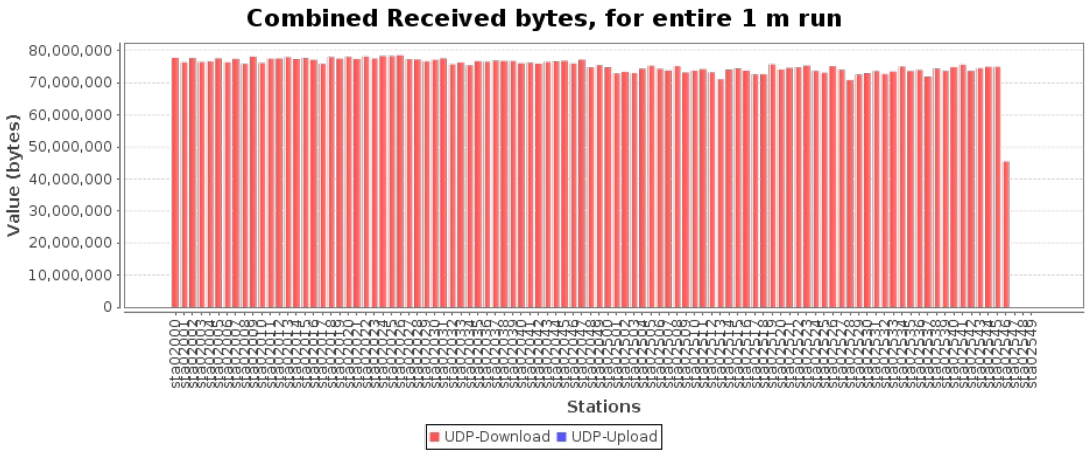
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```



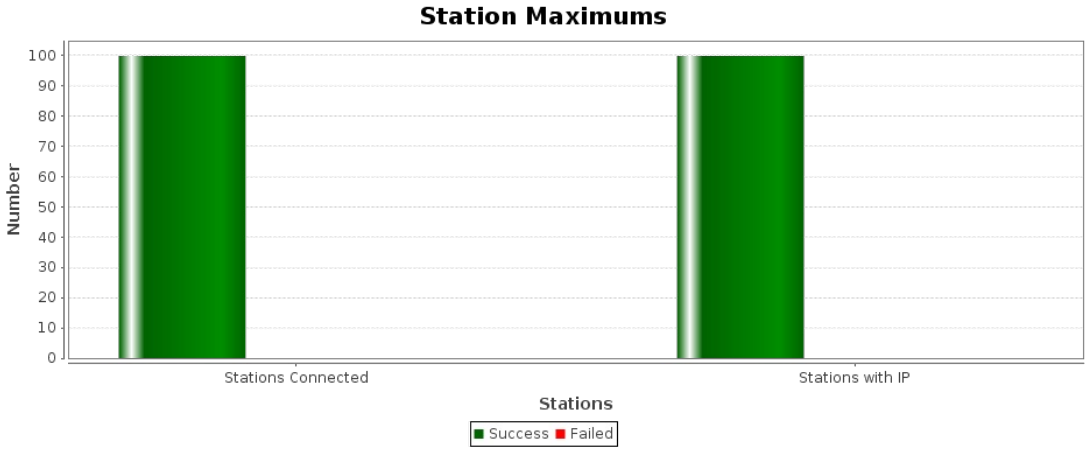

```
Requested Parameters:
Download Rate: Per station:  10000000 (  10 Mbps)  All:   1000000000 (   1 Gbps)
Upload Rate:   Per station:         0 (    0 bps)  All:            0 (    0 bps)
                                                Total:    1000000000 (   1 Gbps)
Station count: 100   Connections per station: 1   Payload (PDU) sizes: AUTO (AUTO)

Observed Amount:
Download Amount:   Cx Min:          0 B  Cx Ave:    69.553 MB  Cx Max:    74.921 MB  All Cx:     6.792 GB
Upload Amount:     Cx Min:          0 B  Cx Ave:          0 B  Cx Max:          0 B  All Cx:          0 B
                                                                                     Total:      6.792 GB
Non-Transmitting endpoints: (3)  udp--1.eth2-01.sta02547-A udp--1.eth2-01.sta02548-A udp--1.eth2-01.sta02549-A

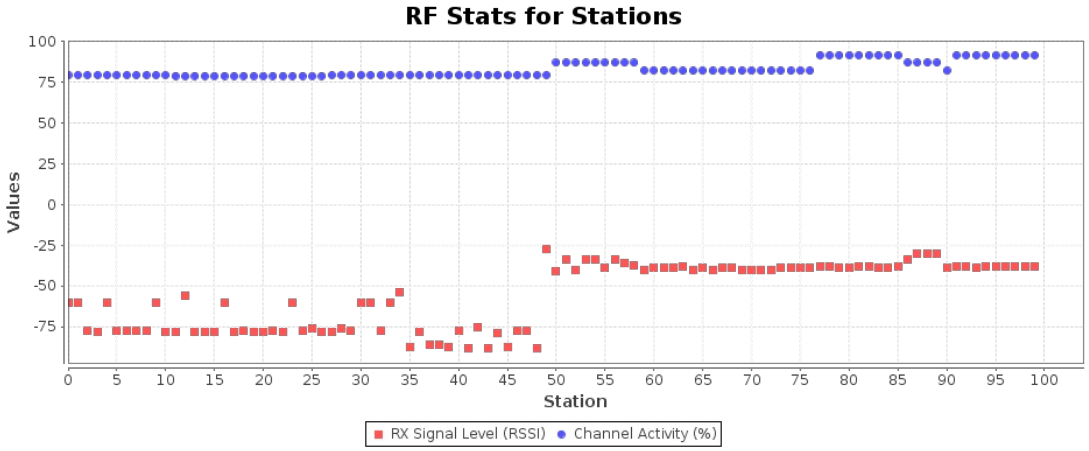
This graph shows fairness.  On a fair system, each station should get about the same throughput.
In the download direction, it is mostly the device-under-test that is responsible for this behavior,
but in the upload direction, LANforge itself would be the source of most fairness issues
unless the device-under-test takes specific actions to ensure fairness.
```



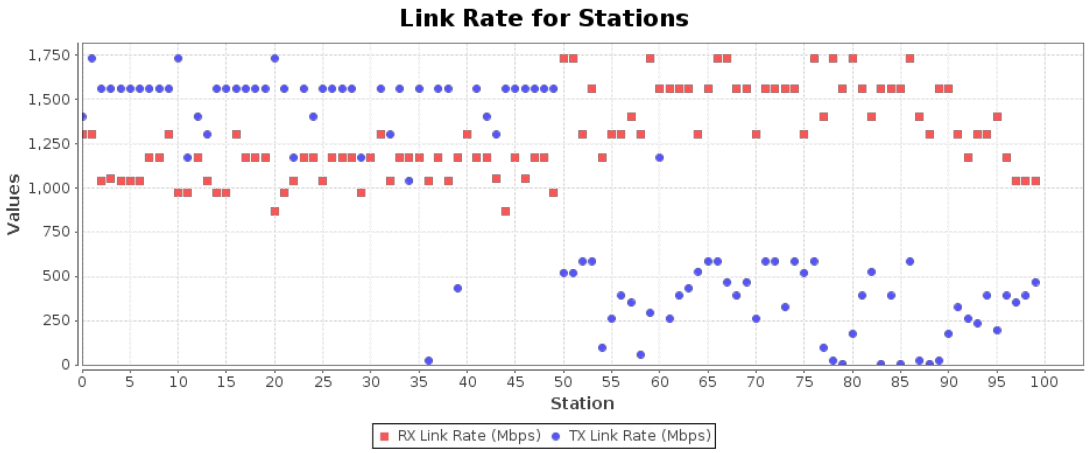

```
Maximum Stations Connected: 100
Stations NOT connected at this time: 0
Maximum Stations with IP Address: 100
Stations without IP at this time: 0
```



RF stats give an indication of how well how congested is the RF environment. Channel activity is what the wifi radio reports as the busy-time for the RF environment. It is expected that this be near 100% when LANforge is running at max speed, but at lower speeds, this should be a lower percentage unless the RF environment is busy with other systems.



Link rate stats give an indication of how well the rate-control is working. For rate-control, the 'RX' link rate corresponds to what the device-under-test is transmitting. If all of the stations are on the same radio, then the TX and RX encoding rates should be similar for all stations. If there is a definite pattern where some stations do not get good RX rate, then probably the device-under-test has rate-control problems. The TX rate is what LANforge is transmitting at.



Key Performance Indicators CSV

```
Scan Results for SSIDs used in this test.

BSS 8c:7a:15:15:4c:ac(on sta02000) -- associated
        TSF: 8945230241 usec (0d, 02:29:05)
        freq: 5500
```

```
beacon interval: 100 TUs
capability: ESS Privacy SpectrumMgmt ShortSlotTime (0x0511)
signal: -81.00 dBm
last seen: 153 ms ago
Information elements from Probe Response frame:
SSID: ruckus750-5
Supported rates: 6.0* 9.0 12.0* 18.0 24.0* 36.0 48.0 54.0
DS Parameter set: channel 100
Country: US     Environment: Indoor/Outdoor
        Channels [36 - 48] @ 36 dBm
        Channels [52 - 64] @ 30 dBm
        Channels [100 - 136] @ 30 dBm
        Channels [149 - 161] @ 36 dBm
Power constraint: 0 dB
RSN:     * Version: 1
         * Group cipher: CCMP
         * Pairwise ciphers: CCMP
         * Authentication suites: PSK
         * Capabilities: 1-PTKSA-RC 1-GTKSA-RC (0x0000)
BSS Load:
         * station count: 100
         * channel utilisation: 197/255
         * available admission capacity: 0 [*32us]
HT capabilities:
        Capabilities: 0x9ef
                RX LDPC
                HT20/HT40
                SM Power Save disabled
                RX HT20 SGI
                RX HT40 SGI
                TX STBC
                RX STBC 1-stream
                Max AMSDU length: 7935 bytes
                No DSSS/CCK HT40
        Maximum RX AMPDU length 65535 bytes (exponent: 0x003)
        Minimum RX AMPDU time spacing: No restriction (0x00)
        HT TX/RX MCS rate indexes supported: 0-31
HT operation:
         * primary channel: 100
         * secondary channel offset: above
         * STA channel width: any
         * RIFS: 0
         * HT protection: no
         * non-GF present: 1
         * OBSS non-GF present: 0
         * dual beacon: 0
         * dual CTS protection: 0
         * STBC beacon: 0
         * L-SIG TXOP Prot: 0
         * PCO active: 0
         * PCO phase: 0
Extended capabilities:
         * Extended Channel Switching
         * BSS Transition
         * Operating Mode Notification
         * 6
         * Max Number Of MSDUs In A-MSDU is unlimited
VHT capabilities:
        VHT Capabilities (0x338bf9f2):
                Max MPDU length: 11454
                Supported Channel Width: neither 160 nor 80+80
                RX LDPC
                short GI (80 MHz)
                short GI (160/80+80 MHz)
                TX STBC
                SU Beamformer
                SU Beamformee
                MU Beamformer
                RX antenna pattern consistency
                TX antenna pattern consistency
        VHT RX MCS set:
                1 streams: MCS 0-9
                2 streams: MCS 0-9
                3 streams: MCS 0-9
                4 streams: MCS 0-9
                5 streams: not supported
                6 streams: not supported
                7 streams: not supported
                8 streams: not supported
        VHT RX highest supported: 0 Mbps
        VHT TX MCS set:
                1 streams: MCS 0-9
                2 streams: MCS 0-9
                3 streams: MCS 0-9
                4 streams: MCS 0-9
                5 streams: not supported
                6 streams: not supported
                7 streams: not supported
                8 streams: not supported
        VHT TX highest supported: 0 Mbps
VHT operation:
         * channel width: 1 (80 MHz)
         * center freq segment 1: 106
         * center freq segment 2: 0
         * VHT basic MCS set: 0xfffc
Transmit Power Envelope:
         * Local Maximum Transmit Power For 20 MHz: 30 dBm
         * Local Maximum Transmit Power For 40 MHz: 30 dBm
         * Local Maximum Transmit Power For 80 MHz: 30 dBm
         * Local Maximum Transmit Power For 160/80+80 MHz: 30 dBm
HE capabilities:
        HE MAC Capabilities (0x010d1a080040):
```

```
                        +HTC HE Supported
                        TWT Responder
                        Dynamic BA Fragementation Level: 1
                        Minimum Payload size of 128 bytes: 1
                        BSR
                        OM Control
                        Maximum A-MPDU Length Exponent: 3
                        A-MSDU in A-MPDU
                HE PHY Capabilities: (0x04604c897fc3839c010800):
                        HE40/HE80/5GHz
                        LDPC Coding in Payload
                        HE SU PPDU with 1x HE-LTF and 0.8us GI
                        STBC Tx <= 80MHz
                        STBC Rx <= 80MHz
                        Full Bandwidth UL MU-MIMO
                        DCM Max Constellation: 1
                        DCM Max Constellation Rx: 1
                        SU Beamformer
                        SU Beamformee
                        MU Beamformer
                        Beamformee STS <= 80Mhz: 7
                        Beamformee STS > 80Mhz: 3
                        Sounding Dimensions <= 80Mhz: 3
                        Ng = 16 SU Feedback
                        Ng = 16 MU Feedback
                        Codebook Size SU Feedback
                        Codebook Size MU Feedback
                        PPE Threshold Present
                        HE SU PPDU & HE PPDU 4x HE-LTF 0.8us GI
                        Max NC: 3
                        STBC Rx > 80MHz
                        HE ER SU PPDU 4x HE-LTF 0.8us GI
                        RX 1024-QAM
                HE RX MCS and NSS set <= 80 MHz
                        1 streams: MCS 0-11
                        2 streams: MCS 0-11
                        3 streams: MCS 0-11
                        4 streams: MCS 0-11
                        5 streams: not supported
                        6 streams: not supported
                        7 streams: not supported
                        8 streams: not supported
                HE TX MCS and NSS set <= 80 MHz
                        1 streams: MCS 0-11
                        2 streams: MCS 0-11
                        3 streams: MCS 0-11
                        4 streams: MCS 0-11
                        5 streams: not supported
                        6 streams: not supported
                        7 streams: not supported
                        8 streams: not supported
                PPE Threshold 0x7b 0x1c 0xc7 0x71 0x1c 0xc7 0x71 0x1c 0xc7 0x71 0x1c 0xc7 0x71
        WMM:     * Parameter version 1
                 * u-APSD
                 * BE: CW 15-1023, AIFSN 3
                 * BK: CW 15-1023, AIFSN 7
                 * VI: CW 7-15, AIFSN 2, TXOP 3008 usec
                 * VO: CW 3-7, AIFSN 2, TXOP 1504 usec


BSS 8c:7a:15:15:4c:ac(on sta02500) -- associated
        TSF: 8945615878 usec (0d, 02:29:05)
        freq: 5500
        beacon interval: 100 TUs
        capability: ESS Privacy SpectrumMgmt ShortSlotTime (0x0511)
        signal: -33.00 dBm
        last seen: 153 ms ago
        Information elements from Probe Response frame:
        SSID: ruckus750-5
        Supported rates: 6.0* 9.0 12.0* 18.0 24.0* 36.0 48.0 54.0
        DS Parameter set: channel 100
        Country: US     Environment: Indoor/Outdoor
                Channels [36 - 48] @ 36 dBm
                Channels [52 - 64] @ 30 dBm
                Channels [100 - 136] @ 30 dBm
                Channels [149 - 161] @ 36 dBm
        Power constraint: 0 dB
        RSN:     * Version: 1
                 * Group cipher: CCMP
                 * Pairwise ciphers: CCMP
                 * Authentication suites: PSK
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        BSS Load:
                 * station count: 100
                 * channel utilisation: 197/255
                 * available admission capacity: 0 [*32us]
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                        SM Power Save disabled
                        RX HT20 SGI
                        RX HT40 SGI
                        TX STBC
                        RX STBC 1-stream
                        Max AMSDU length: 7935 bytes
                        No DSSS/CCK HT40
                Maximum RX AMPDU length 65535 bytes (exponent: 0x003)
                Minimum RX AMPDU time spacing: No restriction (0x00)
                HT TX/RX MCS rate indexes supported: 0-31
        HT operation:
                 * primary channel: 100
```

```
         * secondary channel offset: above
         * STA channel width: any
         * RIFS: 0
         * HT protection: no
         * non-GF present: 1
         * OBSS non-GF present: 0
         * dual beacon: 0
         * dual CTS protection: 0
         * STBC beacon: 0
         * L-SIG TXOP Prot: 0
         * PCO active: 0
         * PCO phase: 0
Extended capabilities:
         * Extended Channel Switching
         * BSS Transition
         * Operating Mode Notification
         * 6
         * Max Number Of MSDUs In A-MSDU is unlimited
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        VHT Capabilities (0x338bf9f2):
                Max MPDU length: 11454
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                TX antenna pattern consistency
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                3 streams: MCS 0-9
                4 streams: MCS 0-9
                5 streams: not supported
                6 streams: not supported
                7 streams: not supported
                8 streams: not supported
        VHT RX highest supported: 0 Mbps
        VHT TX MCS set:
                1 streams: MCS 0-9
                2 streams: MCS 0-9
                3 streams: MCS 0-9
                4 streams: MCS 0-9
                5 streams: not supported
                6 streams: not supported
                7 streams: not supported
                8 streams: not supported
        VHT TX highest supported: 0 Mbps
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         * channel width: 1 (80 MHz)
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         * center freq segment 2: 0
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Transmit Power Envelope:
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         * Local Maximum Transmit Power For 80 MHz: 30 dBm
         * Local Maximum Transmit Power For 160/80+80 MHz: 30 dBm
HE capabilities:
        HE MAC Capabilities (0x010d1a080040):
                +HTC HE Supported
                TWT Responder
                Dynamic BA Fragementation Level: 1
                Minimum Payload size of 128 bytes: 1
                BSR
                OM Control
                Maximum A-MPDU Length Exponent: 3
                A-MSDU in A-MPDU
        HE PHY Capabilities: (0x04604c897fc3839c010800):
                HE40/HE80/5GHz
                LDPC Coding in Payload
                HE SU PPDU with 1x HE-LTF and 0.8us GI
                STBC Tx <= 80MHz
                STBC Rx <= 80MHz
                Full Bandwidth UL MU-MIMO
                DCM Max Constellation: 1
                DCM Max Constellation Rx: 1
                SU Beamformer
                SU Beamformee
                MU Beamformer
                Beamformee STS <= 80Mhz: 7
                Beamformee STS > 80Mhz: 3
                Sounding Dimensions <= 80Mhz: 3
                Ng = 16 SU Feedback
                Ng = 16 MU Feedback
                Codebook Size SU Feedback
                Codebook Size MU Feedback
                PPE Threshold Present
                HE SU PPDU & HE PPDU 4x HE-LTF 0.8us GI
                Max NC: 3
                STBC Rx > 80MHz
                HE ER SU PPDU 4x HE-LTF 0.8us GI
                RX 1024-QAM
        HE RX MCS and NSS set <= 80 MHz
                1 streams: MCS 0-11
                2 streams: MCS 0-11
                3 streams: MCS 0-11
                4 streams: MCS 0-11
                5 streams: not supported
```

```
                6 streams: not supported
                7 streams: not supported
                8 streams: not supported
        HE TX MCS and NSS set <= 80 MHz
                1 streams: MCS 0-11
                2 streams: MCS 0-11
                3 streams: MCS 0-11
                4 streams: MCS 0-11
                5 streams: not supported
                6 streams: not supported
                7 streams: not supported
                8 streams: not supported
        PPE Threshold 0x7b 0x1c 0xc7 0x71 0x1c 0xc7 0x71 0x1c 0xc7 0x71 0x1c 0xc7 0x71
WMM:     * Parameter version 1
         * u-APSD
         * BE: CW 15-1023, AIFSN 3
         * BK: CW 15-1023, AIFSN 7
         * VI: CW 7-15, AIFSN 2, TXOP 3008 usec
         * VO: CW 3-7, AIFSN 2, TXOP 1504 usec
```