



## **IxNetwork Report**

**Test:** RFC2544 - Throughput/Latency

**Test Date:** 10/15/2020 16:45:34

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**RFC2544 - Throughput/Latency - Info****Test Information****Product Information**

|                   |                   |
|-------------------|-------------------|
| Product Label :   | S5850-24T16S      |
| Product Version : | 7.2.5             |
| Serial Number :   | CG1908090001N0012 |
| Comments :        |                   |

**Test Settings**

|                             |            |
|-----------------------------|------------|
| Date Executed :             | 10/15/2020 |
| Time Executed :             | 16:45:34   |
| User Name :                 | FS.COM     |
| Number of Trials Executed : | 1          |
| Stream Duration (sec) :     | 20         |

**Output Parameters**

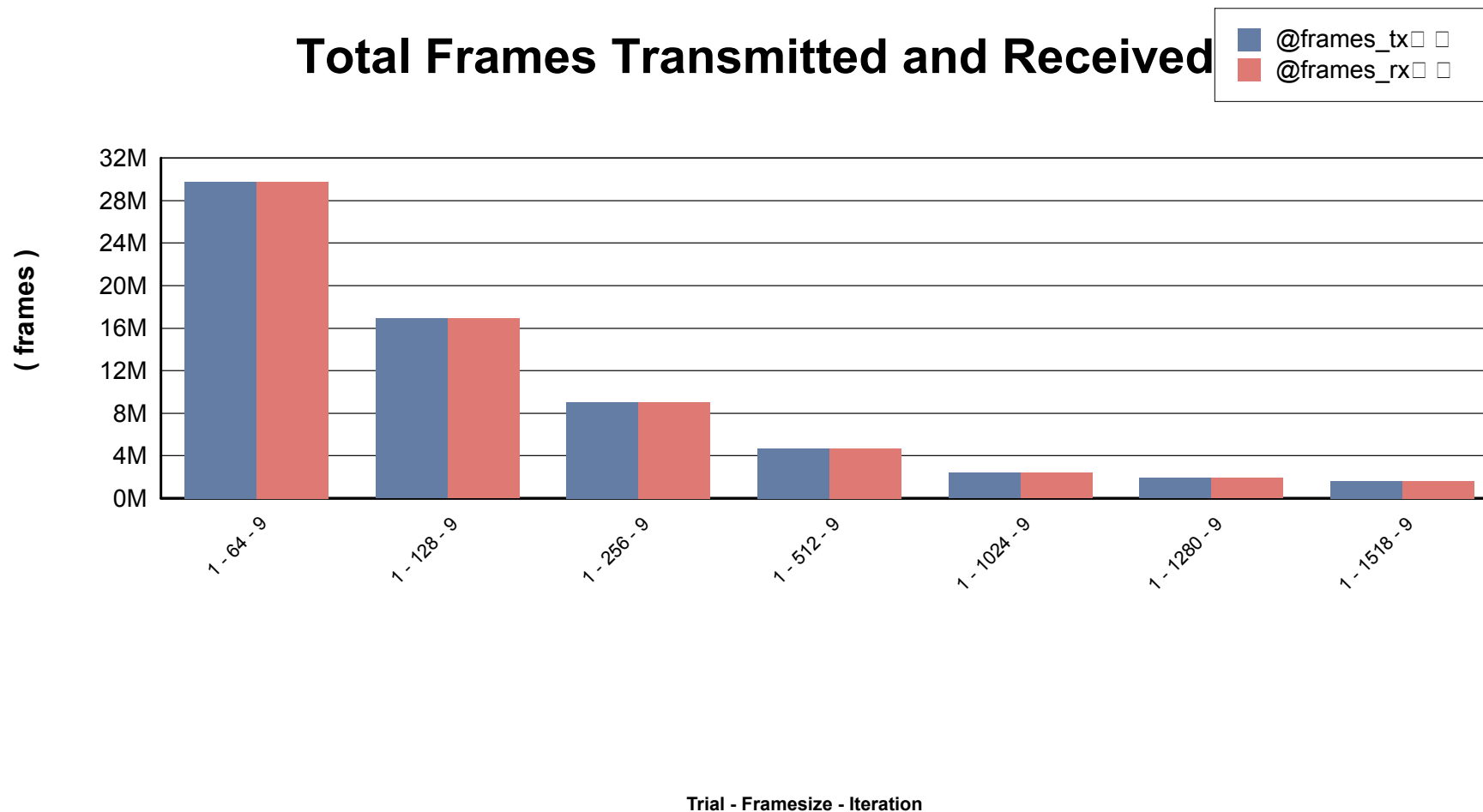
|                           |          |
|---------------------------|----------|
| Number of Trials Passed : | N/A      |
| Test Duration :           | 00:35:28 |

**RFC2544 - Throughput/Latency - Port Map Information**

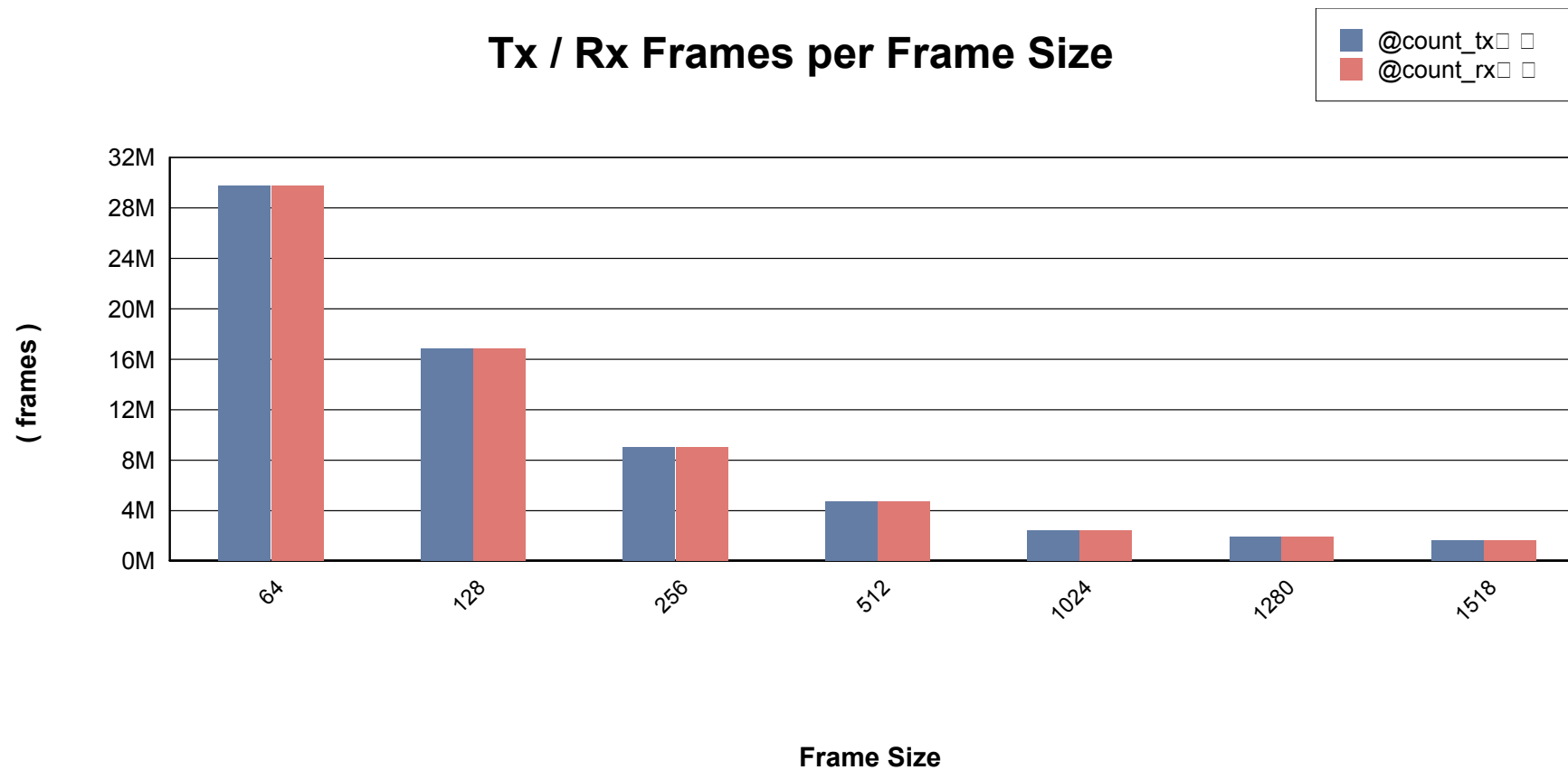
| Port Map : | Tx Port           | Tx Speed (Mbps) | Rx Port           | Rx Speed (Mbps) |
|------------|-------------------|-----------------|-------------------|-----------------|
|            | 10.32.133.101:3:3 | 1000            | 10.32.133.101:3:4 | 1000            |

## RFC2544 - Throughput/Latency - Aggregated Graph

## Total Frames Transmitted and Received

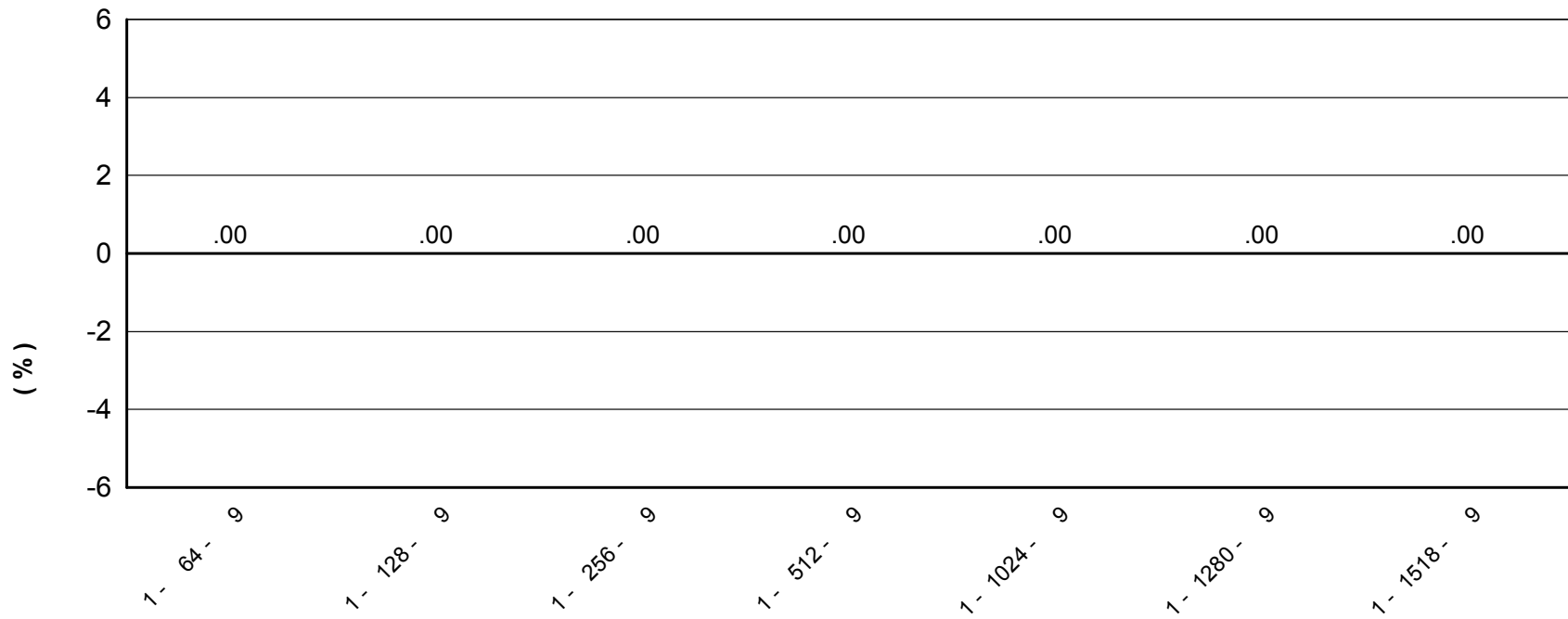


## RFC2544 - Throughput/Latency - Aggregated Graph



## RFC2544 - Throughput/Latency - Aggregated Graph

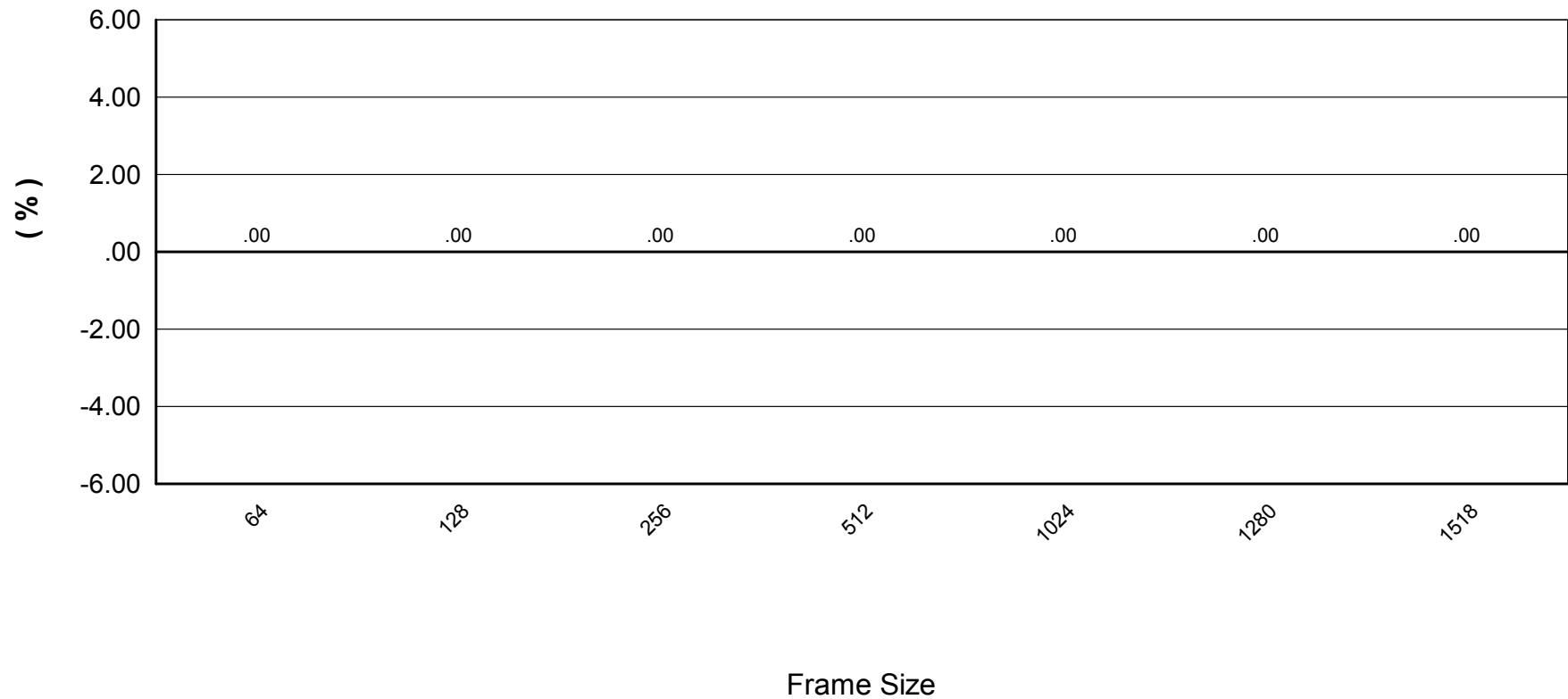
## Aggregated Frame Loss



Trial - Framesize - Iteration

## RFC2544 - Throughput/Latency - Aggregated Graph

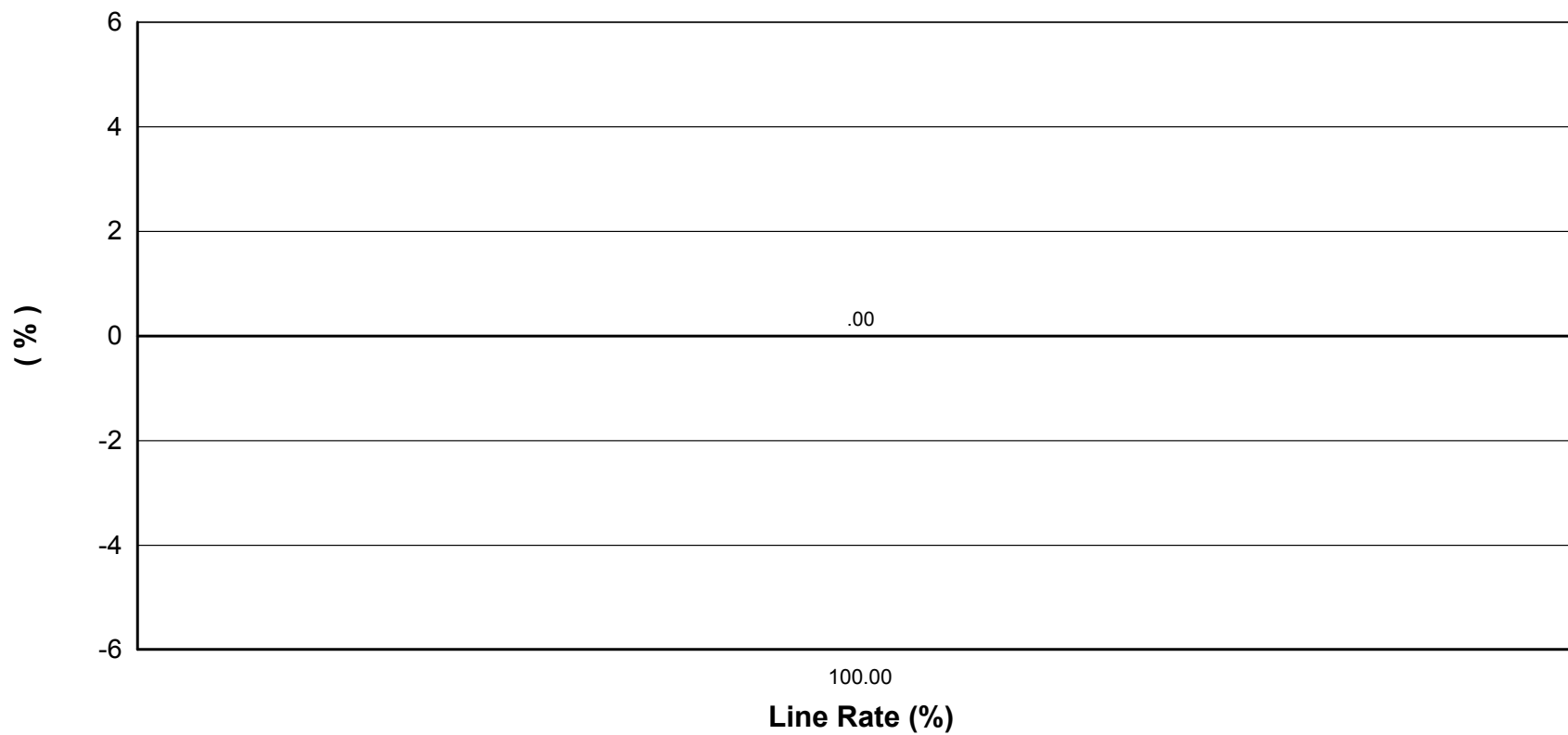
## Aggregated Frame Loss per Frame Size



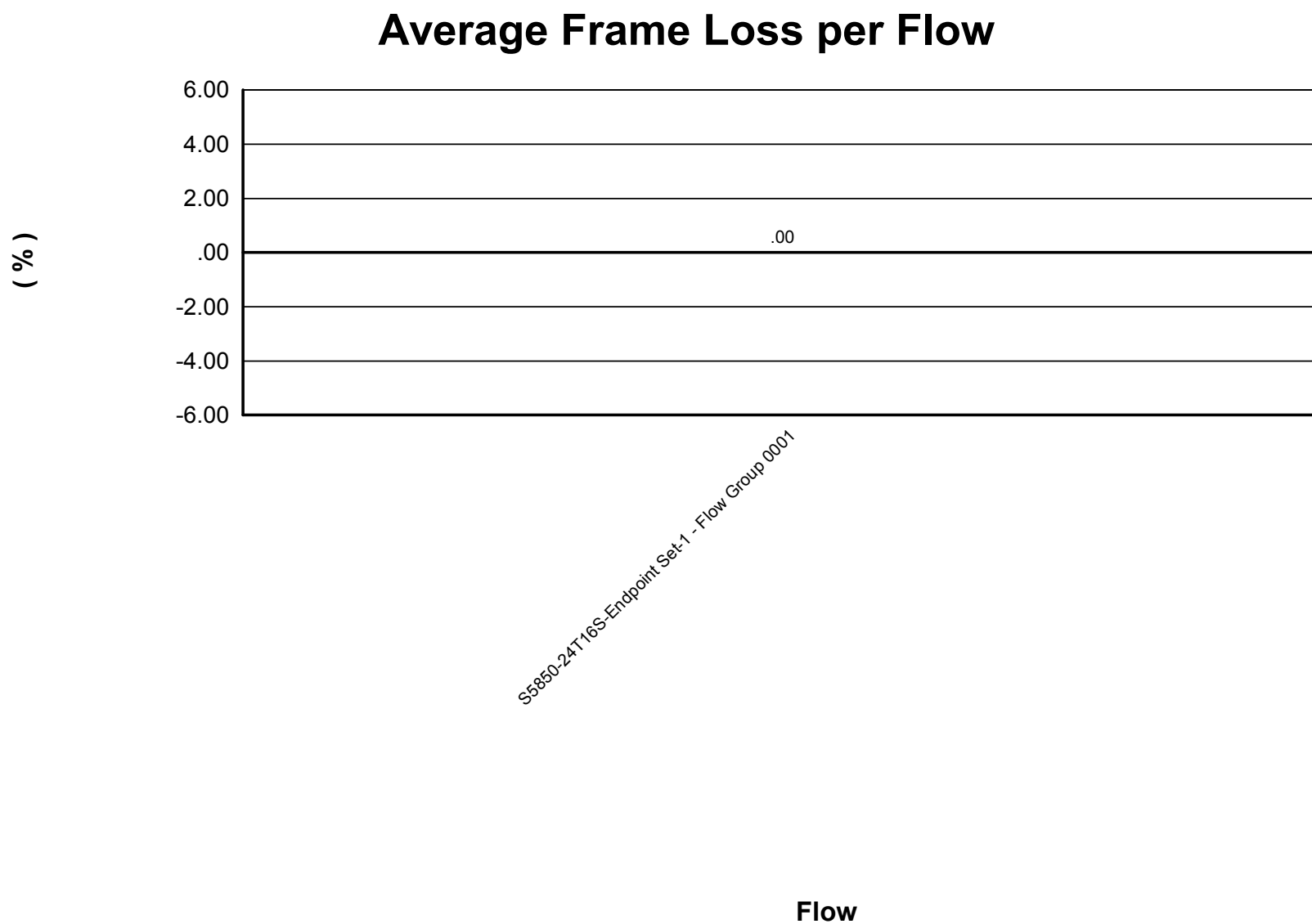


## RFC2544 - Throughput/Latency - Aggregated Graph

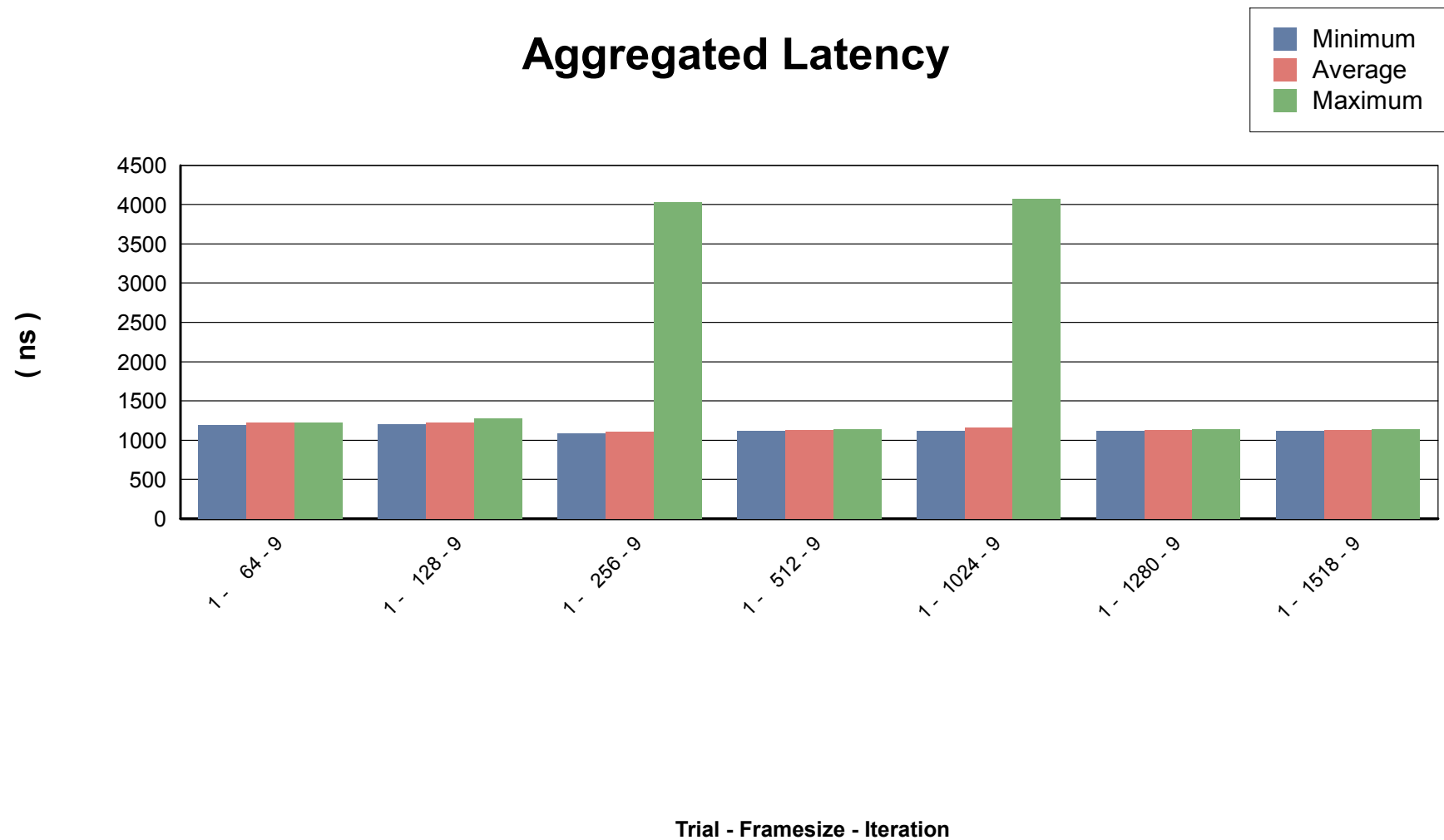
## Aggregated Frame Loss per Line Rate



## RFC2544 - Throughput/Latency - Per Flow Graph

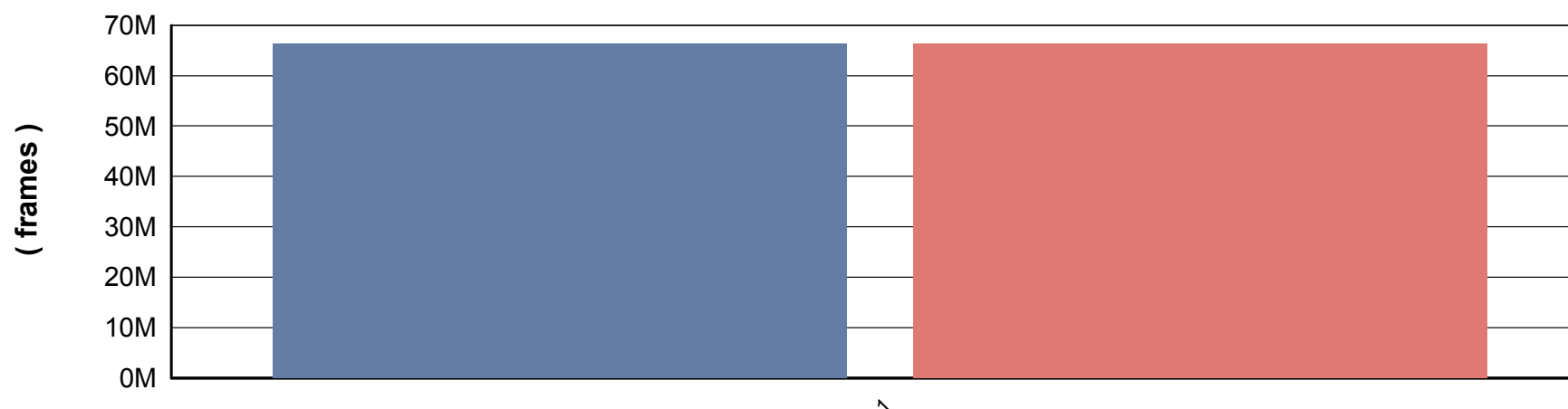
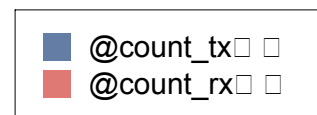


## RFC2544 - Throughput/Latency - Aggregated Graph



## RFC2544 - Throughput/Latency - Per Flow Graph

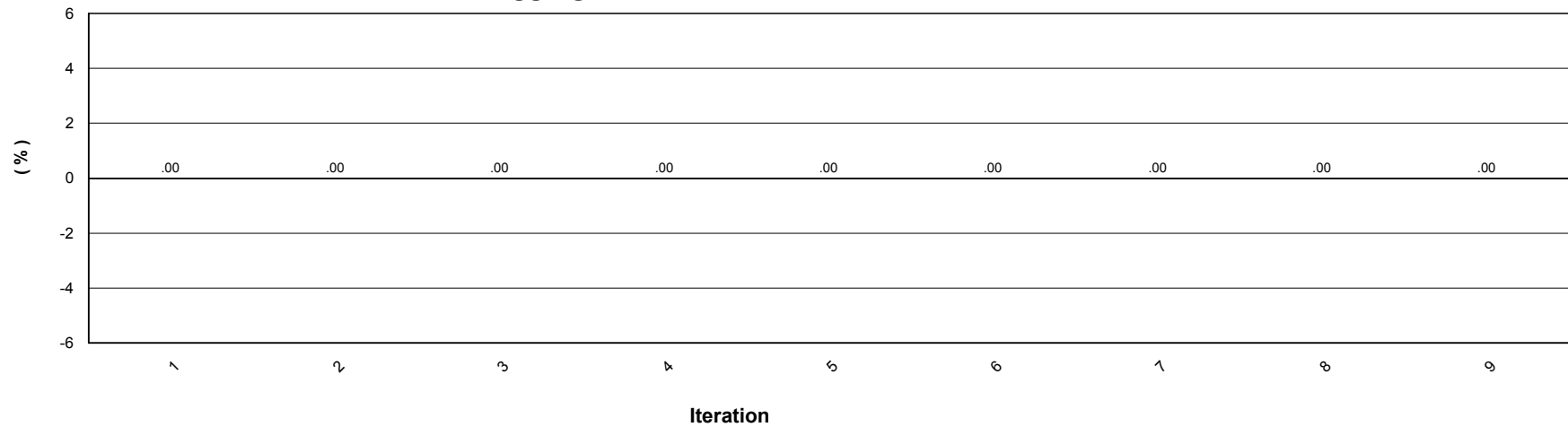
## Tx / Rx Frame Count



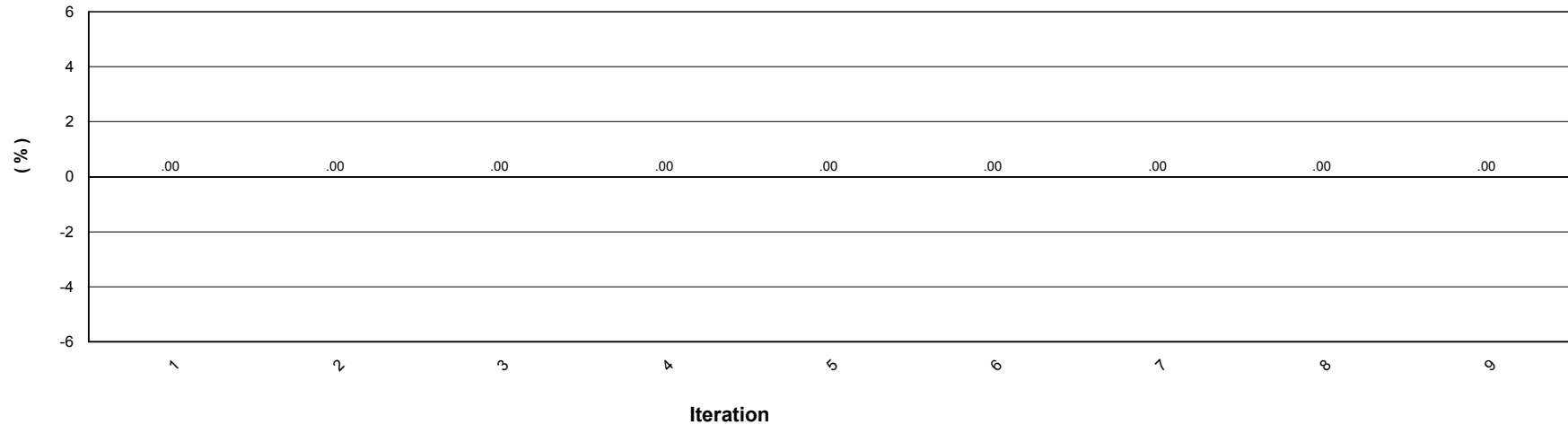
Trial

RFC2544 - Throughput/Latency - Iteration Graph

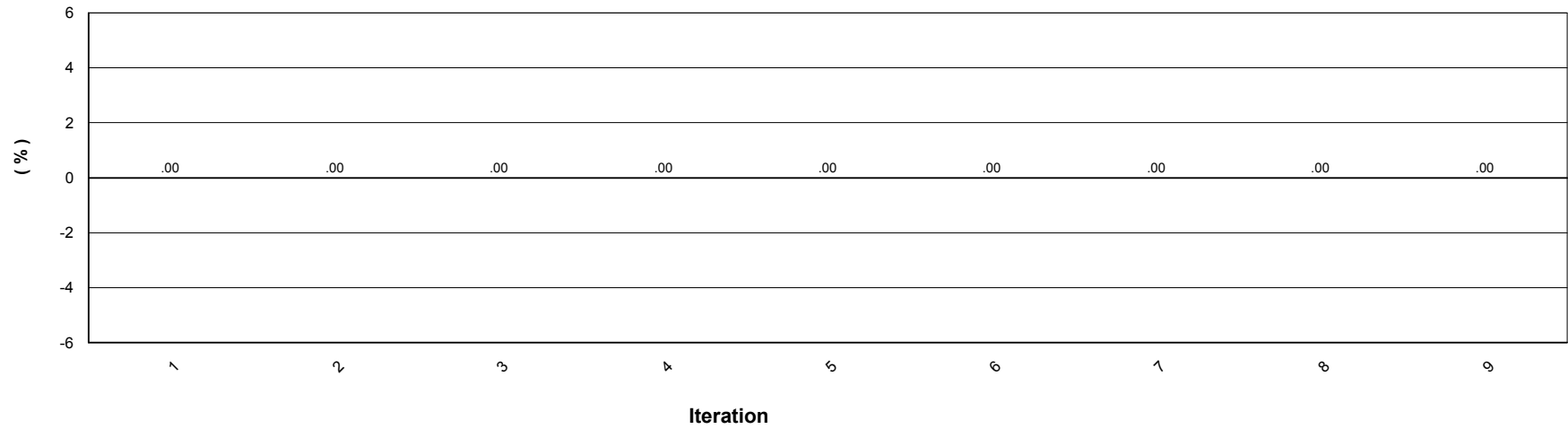
Aggregated Frame Loss for Trial 1 and Framesize 64



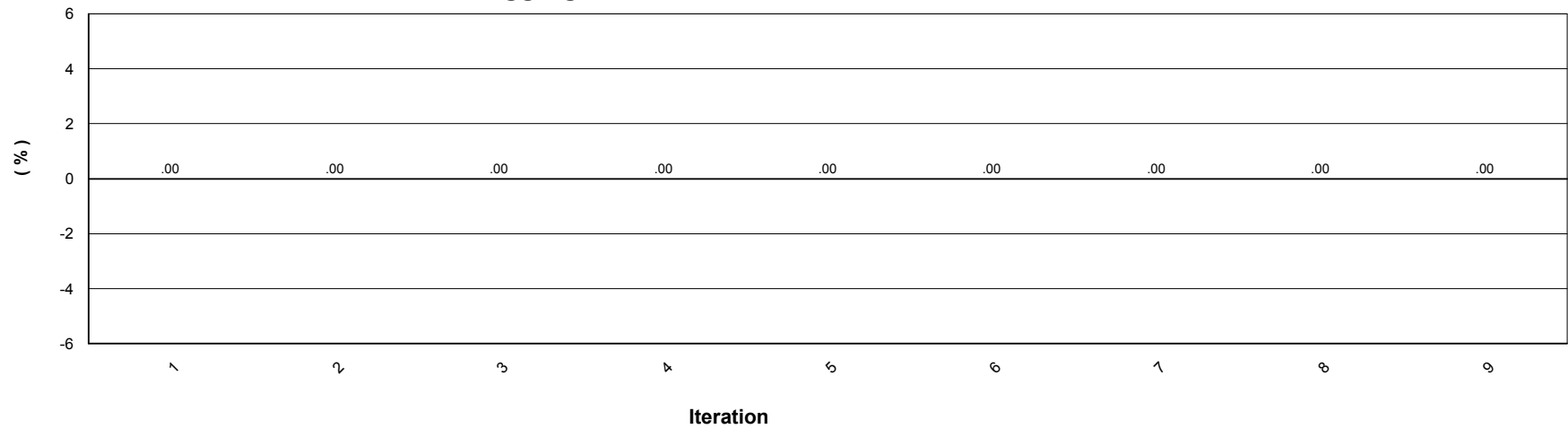
Aggregated Frame Loss for Trial 1 and Framesize 128

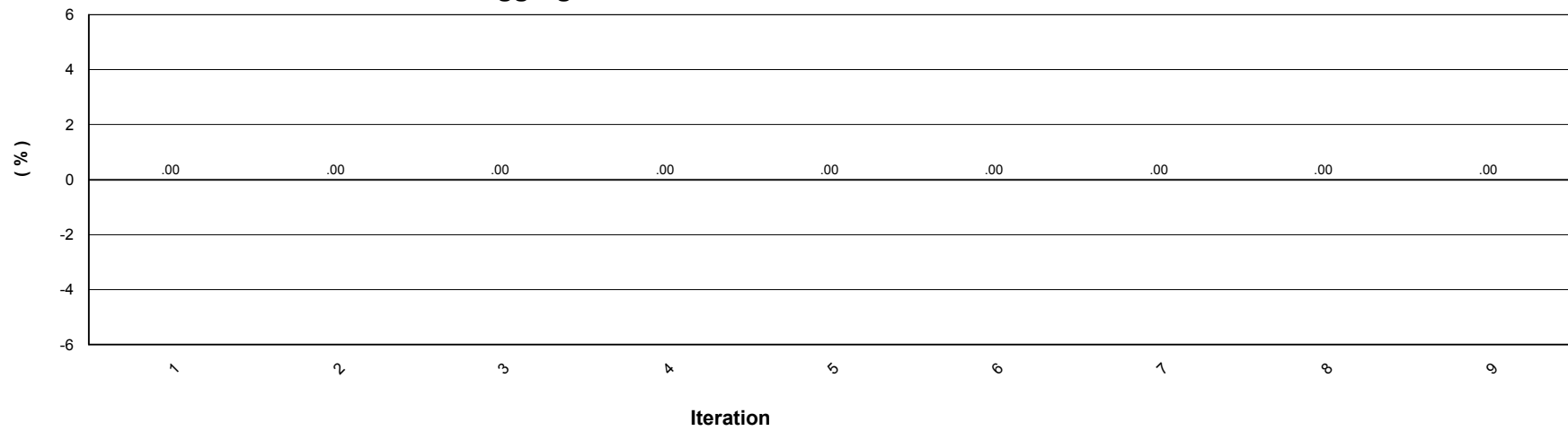
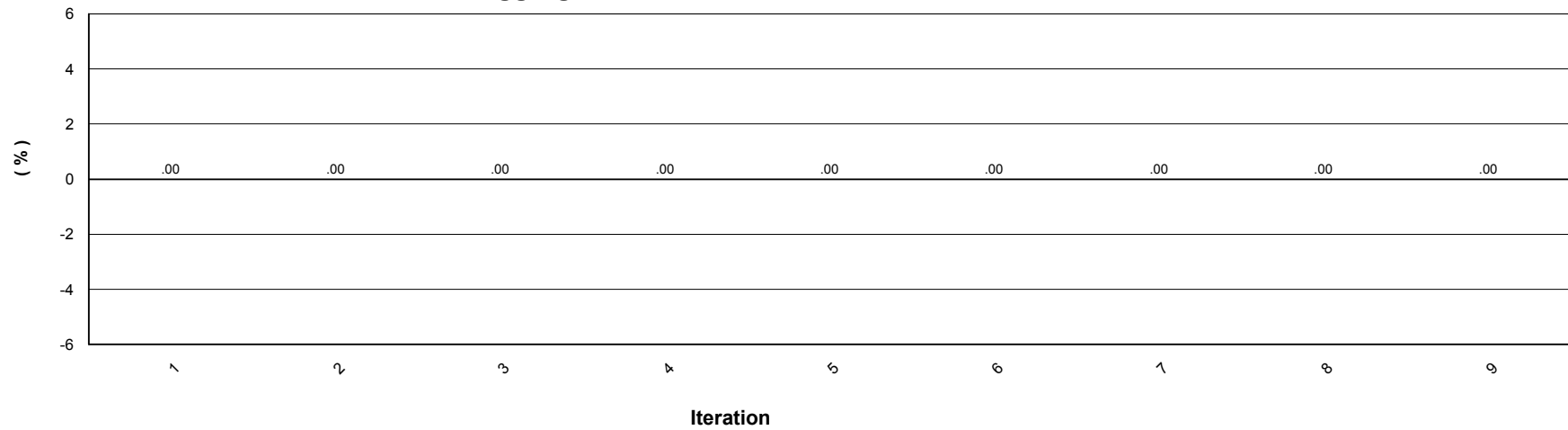


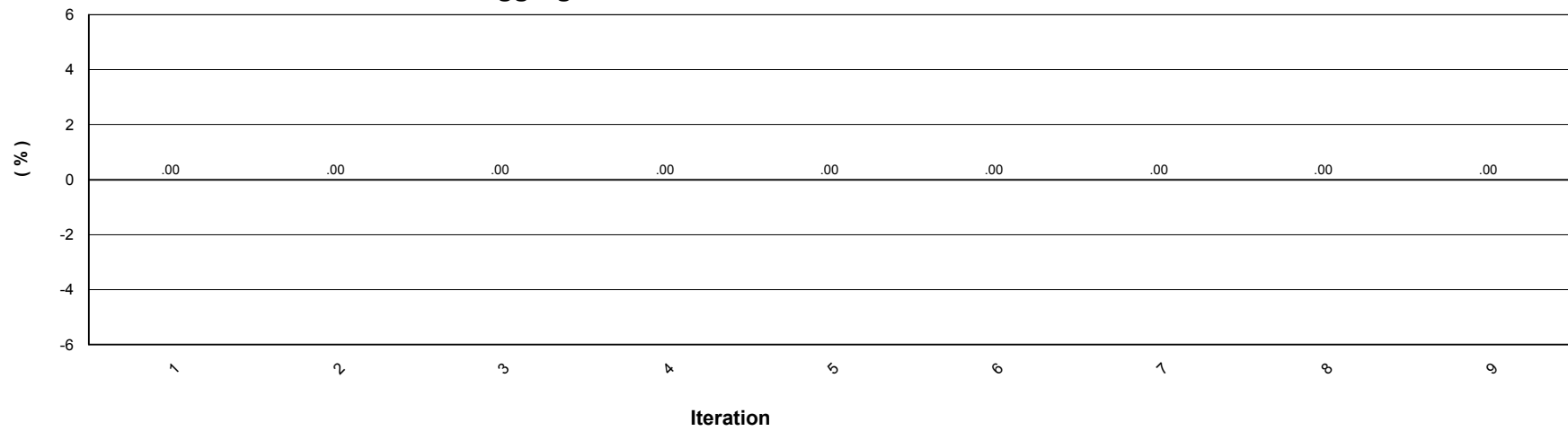
**Aggregated Frame Loss for Trial 1 and Framesize 256**



**Aggregated Frame Loss for Trial 1 and Framesize 512**



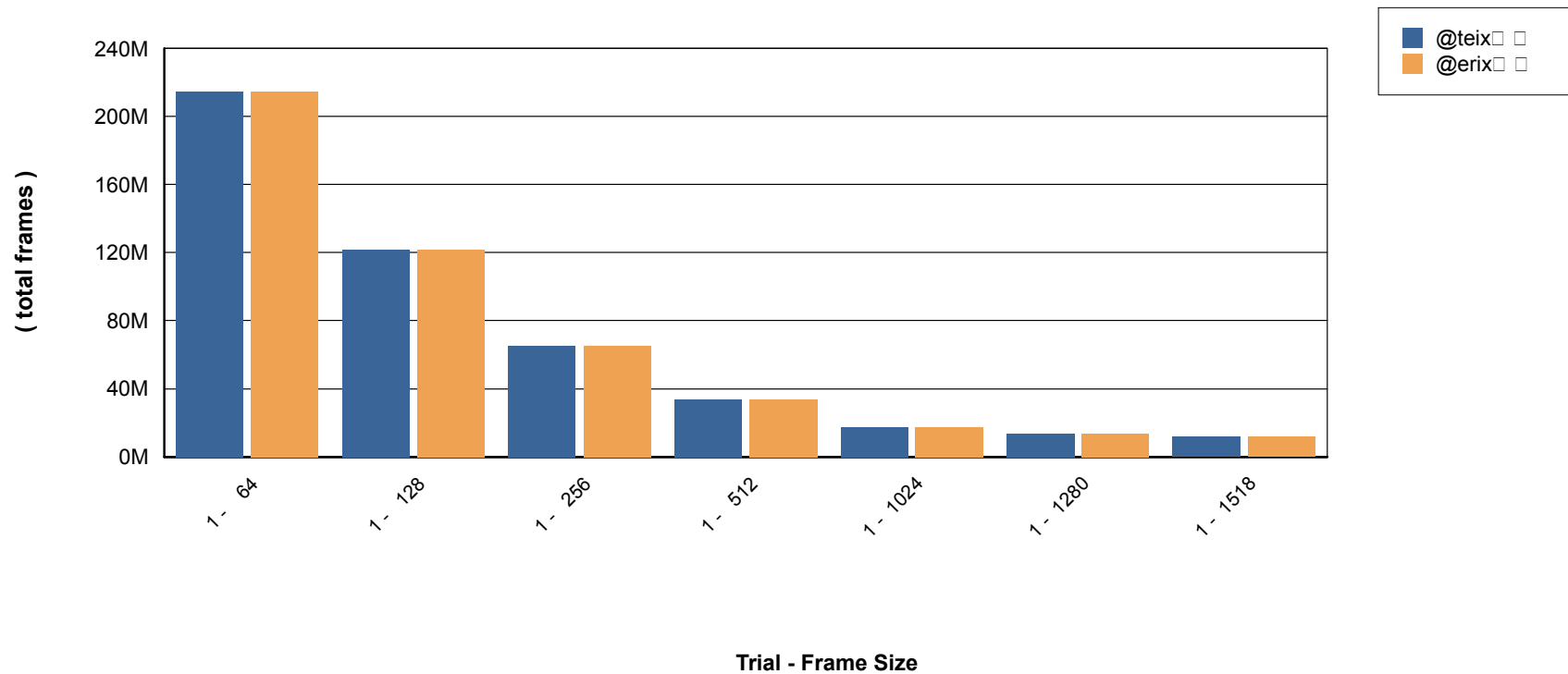
**Aggregated Frame Loss for Trial 1 and Framesize 1024****Aggregated Frame Loss for Trial 1 and Framesize 1280**

**Aggregated Frame Loss for Trial 1 and Framesize 1518**

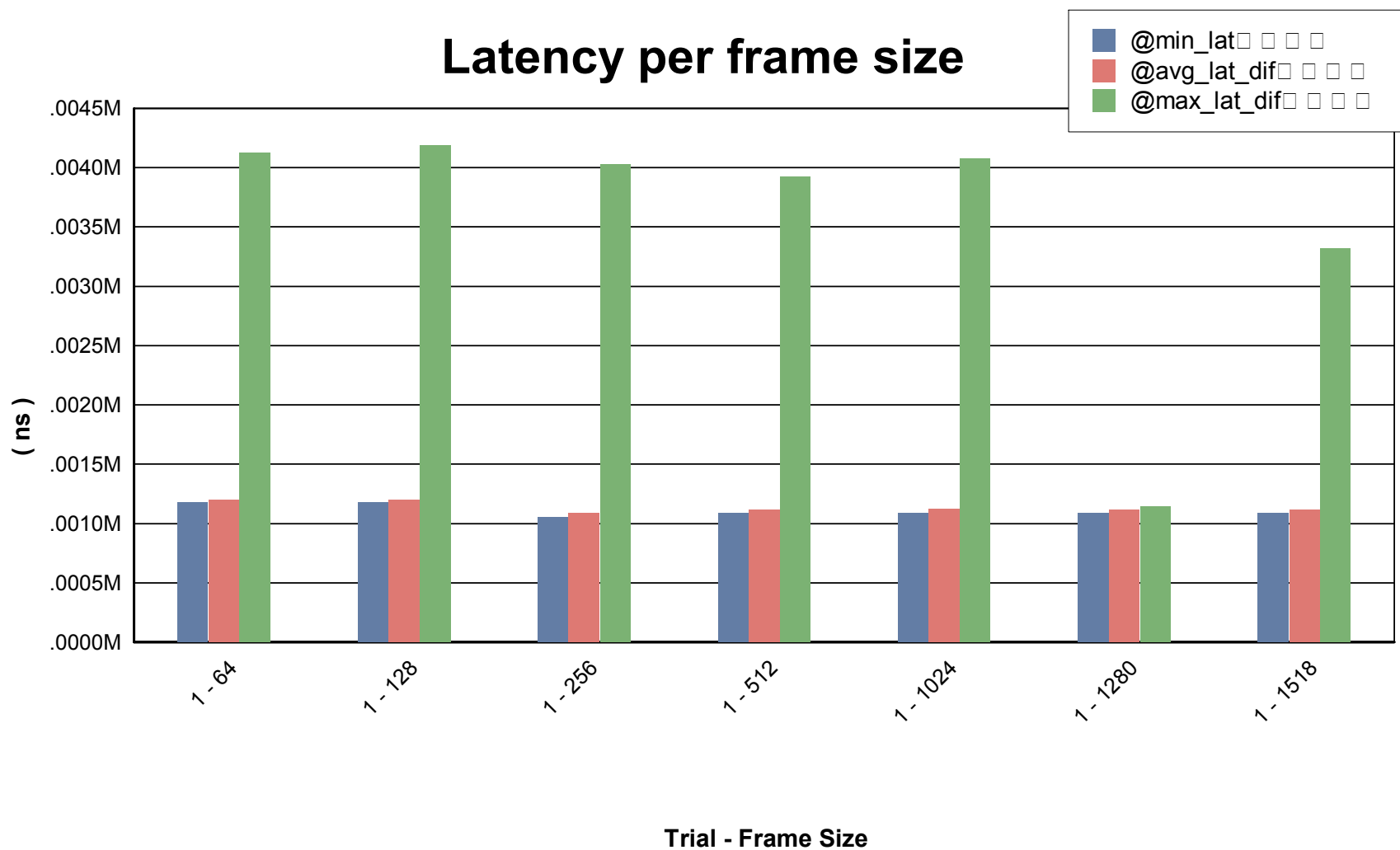


## RFC2544 - Throughput/Latency - Iteration Graph

## Tx / Rx Frames per Frame Size



## RFC2544 - Throughput/Latency - Iteration Graph



## RFC2544 - Throughput/Latency - Aggregated Results

| Trial / Framesize / Iteration | Agg L2 Throughput |             |           |         | Agg L1 Throughput |                 | Throughput (frames)                                               | Agg Latency |             |                 |  |
|-------------------------------|-------------------|-------------|-----------|---------|-------------------|-----------------|-------------------------------------------------------------------|-------------|-------------|-----------------|--|
|                               | AggTx<br>Rate %   | Agg Rx Rate |           |         | Tx Rate<br>Mbps   | Rx Rate<br>Mbps |                                                                   | Min<br>(ns) | Max<br>(ns) | Average<br>(ns) |  |
|                               |                   | %           | FPS       | Mbps    |                   |                 |                                                                   |             |             |                 |  |
| Trial: 1 / FS: 64 / Iter: 9   | 100.00            | 100         | 1488095.2 | 761.905 |                   |                 | Tx : 29761905.000<br>Rx : 29761905.000<br>Loss : 0<br>Loss% : .00 | 1185        | 1227        | 1217.000        |  |
| Trial: 1 / FS: 128 / Iter: 9  | 100.00            | 100         | 844594.6  | 864.865 |                   |                 | Tx : 16891892.000<br>Rx : 16891892.000<br>Loss : 0<br>Loss% : .00 | 1200        | 1275        | 1221.000        |  |
| Trial: 1 / FS: 256 / Iter: 9  | 100.00            | 100         | 452898.6  | 927.536 |                   |                 | Tx : 9057971.000<br>Rx : 9057971.000<br>Loss : 0<br>Loss% : .00   | 1087        | 4025        | 1106.000        |  |
| Trial: 1 / FS: 512 / Iter: 9  | 100.00            | 100         | 234962.4  | 962.406 |                   |                 | Tx : 4699248.000<br>Rx : 4699248.000<br>Loss : 0<br>Loss% : .00   | 1112        | 1145        | 1129.000        |  |
| Trial: 1 / FS: 1024 / Iter: 9 | 100.00            | 100         | 119731.8  | 980.843 |                   |                 | Tx : 2394636.000<br>Rx : 2394636.000<br>Loss : 0<br>Loss% : .00   | 1112        | 4075        | 1159.000        |  |
| Trial: 1 / FS: 1280 / Iter: 9 | 100.00            | 100         | 96153.8   | 984.615 |                   |                 | Tx : 1923077.000<br>Rx : 1923077.000<br>Loss : 0<br>Loss% : .00   | 1110        | 1142        | 1123.000        |  |
| Trial: 1 / FS: 1518 / Iter: 9 | 100.00            | 100         | 81274.4   | 986.996 |                   |                 | Tx : 1625488.000<br>Rx : 1625488.000<br>Loss : 0<br>Loss% : .00   | 1120        | 1145        | 1128.000        |  |

## RFC2544 - Throughput/Latency - Aggregated Results

| Trial / Framesize / Iteration | Agg L2 Throughput |             |           |         | Agg L1 Throughput |                 | Throughput (frames)                                               | Agg Latency |             |                 |  |
|-------------------------------|-------------------|-------------|-----------|---------|-------------------|-----------------|-------------------------------------------------------------------|-------------|-------------|-----------------|--|
|                               | AggTx<br>Rate %   | Agg Rx Rate |           |         | Tx Rate<br>Mbps   | Rx Rate<br>Mbps |                                                                   | Min<br>(ns) | Max<br>(ns) | Average<br>(ns) |  |
|                               |                   | %           | FPS       | Mbps    |                   |                 |                                                                   |             |             |                 |  |
| Trial: 1 / FS: 64 / Iter: 1   | 10                | 10          | 148809.5  | 76.190  |                   |                 | Tx : 2976190.000<br>Rx : 2976190.000<br>Loss : 0<br>Loss% : .00   | 1177        | 1225        | 1196.000        |  |
| Trial: 1 / FS: 64 / Iter: 2   | 55                | 55          | 818452.5  | 419.048 |                   |                 | Tx : 16369048.000<br>Rx : 16369048.000<br>Loss : 0<br>Loss% : .00 | 1177        | 1227        | 1199.000        |  |
| Trial: 1 / FS: 64 / Iter: 3   | 78                | 78          | 1153274.7 | 590.477 |                   |                 | Tx : 23065476.000<br>Rx : 23065476.000<br>Loss : 0<br>Loss% : .00 | 1177        | 1227        | 1199.000        |  |
| Trial: 1 / FS: 64 / Iter: 4   | 89                | 89          | 1320685.0 | 676.191 |                   |                 | Tx : 26413690.000<br>Rx : 26413690.000<br>Loss : 0<br>Loss% : .00 | 1177        | 1227        | 1199.000        |  |
| Trial: 1 / FS: 64 / Iter: 5   | 94                | 94          | 1404391.1 | 719.048 |                   |                 | Tx : 28087798.000<br>Rx : 28087798.000<br>Loss : 0<br>Loss% : .00 | 1177        | 4105        | 1199.000        |  |
| Trial: 1 / FS: 64 / Iter: 6   | 97                | 97          | 1446242.7 | 740.476 |                   |                 | Tx : 28924851.000<br>Rx : 28924851.000<br>Loss : 0<br>Loss% : .00 | 1177        | 4122        | 1201.000        |  |
| Trial: 1 / FS: 64 / Iter: 7   | 99                | 99          | 1467169.8 | 751.191 |                   |                 | Tx : 29343378.000<br>Rx : 29343378.000<br>Loss : 0<br>Loss% : .00 | 1177        | 1227        | 1203.000        |  |
| Trial: 1 / FS: 64 / Iter: 8   | 99                | 99          | 1477633.5 | 756.548 |                   |                 | Tx : 29552641.000<br>Rx : 29552641.000<br>Loss : 0<br>Loss% : .00 | 1177        | 1227        | 1206.000        |  |
| Trial: 1 / FS: 64 / Iter: 9   | 100               | 100         | 1488095.2 | 761.905 |                   |                 | Tx : 29761905.000<br>Rx : 29761905.000<br>Loss : 0<br>Loss% : .00 | 1185        | 1227        | 1217.000        |  |
| Trial: 1 / FS: 128 / Iter: 1  | 10                | 10          | 84459.5   | 86.486  |                   |                 | Tx : 1689189.000<br>Rx : 1689189.000<br>Loss : 0<br>Loss% : .00   | 1177        | 1225        | 1195.000        |  |
| Trial: 1 / FS: 128 / Iter: 2  | 55                | 55          | 464527.2  | 475.676 |                   |                 | Tx : 9290541.000<br>Rx : 9290541.000<br>Loss : 0<br>Loss% : .00   | 1175        | 1225        | 1199.000        |  |
| Trial: 1 / FS: 128 / Iter: 3  | 78                | 78          | 654561.0  | 670.271 |                   |                 | Tx : 13091216.000<br>Rx : 13091216.000<br>Loss : 0<br>Loss% : .00 | 1175        | 1227        | 1199.000        |  |
| Trial: 1 / FS: 128 / Iter: 4  | 89                | 89          | 749577.8  | 767.568 |                   |                 | Tx : 14991554.000<br>Rx : 14991554.000<br>Loss : 0<br>Loss% : .00 | 1175        | 1225        | 1199.000        |  |

|                              |     |     |          |         |                                   |                                          |      |      |          |
|------------------------------|-----|-----|----------|---------|-----------------------------------|------------------------------------------|------|------|----------|
| Trial: 1 / FS: 128 / Iter: 5 | 94  | 94  | 797086.2 | 816.216 | Tx :<br>Rx :<br>Loss :<br>Loss% : | 15941723.000<br>15941723.000<br>0<br>.00 | 1175 | 1225 | 1198.000 |
| Trial: 1 / FS: 128 / Iter: 6 | 97  | 97  | 820840.6 | 840.541 | Tx :<br>Rx :<br>Loss :<br>Loss% : | 16416807.000<br>16416807.000<br>0<br>.00 | 1175 | 1225 | 1198.000 |
| Trial: 1 / FS: 128 / Iter: 7 | 99  | 99  | 832717.5 | 852.703 | Tx :<br>Rx :<br>Loss :<br>Loss% : | 16654350.000<br>16654350.000<br>0<br>.00 | 1175 | 4130 | 1201.000 |
| Trial: 1 / FS: 128 / Iter: 8 | 99  | 99  | 838656.3 | 858.784 | Tx :<br>Rx :<br>Loss :<br>Loss% : | 16773121.000<br>16773121.000<br>0<br>.00 | 1175 | 4185 | 1203.000 |
| Trial: 1 / FS: 128 / Iter: 9 | 100 | 100 | 844594.6 | 864.865 | Tx :<br>Rx :<br>Loss :<br>Loss% : | 16891892.000<br>16891892.000<br>0<br>.00 | 1200 | 1275 | 1221.000 |
| Trial: 1 / FS: 256 / Iter: 1 | 10  | 10  | 45289.9  | 92.754  | Tx :<br>Rx :<br>Loss :<br>Loss% : | 905797.000<br>905797.000<br>0<br>.00     | 1057 | 1105 | 1084.000 |
| Trial: 1 / FS: 256 / Iter: 2 | 55  | 55  | 249094.2 | 510.145 | Tx :<br>Rx :<br>Loss :<br>Loss% : | 4981884.000<br>4981884.000<br>0<br>.00   | 1055 | 1105 | 1080.000 |
| Trial: 1 / FS: 256 / Iter: 3 | 78  | 78  | 350996.4 | 718.841 | Tx :<br>Rx :<br>Loss :<br>Loss% : | 7019928.000<br>7019928.000<br>0<br>.00   | 1055 | 1105 | 1080.000 |
| Trial: 1 / FS: 256 / Iter: 4 | 89  | 89  | 401947.6 | 823.189 | Tx :<br>Rx :<br>Loss :<br>Loss% : | 8038949.000<br>8038949.000<br>0<br>.00   | 1055 | 1105 | 1080.000 |
| Trial: 1 / FS: 256 / Iter: 5 | 94  | 94  | 427423.1 | 875.362 | Tx :<br>Rx :<br>Loss :<br>Loss% : | 8548460.000<br>8548460.000<br>0<br>.00   | 1055 | 1105 | 1080.000 |
| Trial: 1 / FS: 256 / Iter: 6 | 97  | 97  | 440160.8 | 901.449 | Tx :<br>Rx :<br>Loss :<br>Loss% : | 8803216.000<br>8803216.000<br>0<br>.00   | 1055 | 1105 | 1080.000 |
| Trial: 1 / FS: 256 / Iter: 7 | 99  | 99  | 446529.8 | 914.493 | Tx :<br>Rx :<br>Loss :<br>Loss% : | 8930593.000<br>8930593.000<br>0<br>.00   | 1055 | 3985 | 1080.000 |
| Trial: 1 / FS: 256 / Iter: 8 | 99  | 99  | 449714.2 | 921.015 | Tx :<br>Rx :<br>Loss :<br>Loss% : | 8994282.000<br>8994282.000<br>0<br>.00   | 1055 | 4015 | 1083.000 |
| Trial: 1 / FS: 256 / Iter: 9 | 100 | 100 | 452898.6 | 927.536 | Tx :<br>Rx :<br>Loss :<br>Loss% : | 9057971.000<br>9057971.000<br>0<br>.00   | 1087 | 4025 | 1106.000 |
| Trial: 1 / FS: 512 / Iter: 1 | 10  | 10  | 23496.2  | 96.241  | Tx :<br>Rx :<br>Loss :<br>Loss% : | 469925.000<br>469925.000<br>0<br>.00     | 1095 | 1145 | 1119.000 |

|                               |     |     |          |         |                                   |                                        |      |      |          |
|-------------------------------|-----|-----|----------|---------|-----------------------------------|----------------------------------------|------|------|----------|
| Trial: 1 / FS: 512 / Iter: 2  | 55  | 55  | 129229.3 | 529.323 | Tx :<br>Rx :<br>Loss :<br>Loss% : | 2584586.000<br>2584586.000<br>0<br>.00 | 1087 | 1145 | 1117.000 |
| Trial: 1 / FS: 512 / Iter: 3  | 78  | 78  | 182095.9 | 745.865 | Tx :<br>Rx :<br>Loss :<br>Loss% : | 3641917.000<br>3641917.000<br>0<br>.00 | 1087 | 1145 | 1117.000 |
| Trial: 1 / FS: 512 / Iter: 4  | 89  | 89  | 208529.1 | 854.135 | Tx :<br>Rx :<br>Loss :<br>Loss% : | 4170583.000<br>4170583.000<br>0<br>.00 | 1087 | 1145 | 1117.000 |
| Trial: 1 / FS: 512 / Iter: 5  | 94  | 94  | 221745.8 | 908.271 | Tx :<br>Rx :<br>Loss :<br>Loss% : | 4434915.000<br>4434915.000<br>0<br>.00 | 1087 | 3792 | 1117.000 |
| Trial: 1 / FS: 512 / Iter: 6  | 97  | 97  | 228354.1 | 935.338 | Tx :<br>Rx :<br>Loss :<br>Loss% : | 4567082.000<br>4567082.000<br>0<br>.00 | 1087 | 3927 | 1117.000 |
| Trial: 1 / FS: 512 / Iter: 7  | 99  | 99  | 231658.3 | 948.872 | Tx :<br>Rx :<br>Loss :<br>Loss% : | 4633165.000<br>4633165.000<br>0<br>.00 | 1087 | 1145 | 1116.000 |
| Trial: 1 / FS: 512 / Iter: 8  | 99  | 99  | 233310.3 | 955.639 | Tx :<br>Rx :<br>Loss :<br>Loss% : | 4666207.000<br>4666207.000<br>0<br>.00 | 1087 | 1145 | 1117.000 |
| Trial: 1 / FS: 512 / Iter: 9  | 100 | 100 | 234962.4 | 962.406 | Tx :<br>Rx :<br>Loss :<br>Loss% : | 4699248.000<br>4699248.000<br>0<br>.00 | 1112 | 1145 | 1129.000 |
| Trial: 1 / FS: 1024 / Iter: 1 | 10  | 10  | 11973.2  | 98.084  | Tx :<br>Rx :<br>Loss :<br>Loss% : | 239464.000<br>239464.000<br>0<br>.00   | 1090 | 1145 | 1113.000 |
| Trial: 1 / FS: 1024 / Iter: 2 | 55  | 55  | 65852.5  | 539.464 | Tx :<br>Rx :<br>Loss :<br>Loss% : | 1317050.000<br>1317050.000<br>0<br>.00 | 1087 | 1147 | 1117.000 |
| Trial: 1 / FS: 1024 / Iter: 3 | 78  | 78  | 92792.2  | 760.153 | Tx :<br>Rx :<br>Loss :<br>Loss% : | 1855843.000<br>1855843.000<br>0<br>.00 | 1087 | 1147 | 1118.000 |
| Trial: 1 / FS: 1024 / Iter: 4 | 89  | 89  | 106262.0 | 870.498 | Tx :<br>Rx :<br>Loss :<br>Loss% : | 2125239.000<br>2125239.000<br>0<br>.00 | 1087 | 1147 | 1117.000 |
| Trial: 1 / FS: 1024 / Iter: 5 | 94  | 94  | 112996.9 | 925.671 | Tx :<br>Rx :<br>Loss :<br>Loss% : | 2259938.000<br>2259938.000<br>0<br>.00 | 1087 | 1147 | 1117.000 |
| Trial: 1 / FS: 1024 / Iter: 6 | 97  | 97  | 116364.3 | 953.257 | Tx :<br>Rx :<br>Loss :<br>Loss% : | 2327287.000<br>2327287.000<br>0<br>.00 | 1087 | 1147 | 1117.000 |
| Trial: 1 / FS: 1024 / Iter: 7 | 99  | 99  | 118048.1 | 967.050 | Tx :<br>Rx :<br>Loss :<br>Loss% : | 2360961.000<br>2360961.000<br>0<br>.00 | 1087 | 1147 | 1117.000 |

|                               |     |     |          |         |                                   |                                        |      |      |          |
|-------------------------------|-----|-----|----------|---------|-----------------------------------|----------------------------------------|------|------|----------|
| Trial: 1 / FS: 1024 / Iter: 8 | 99  | 99  | 118889.9 | 973.946 | Tx :<br>Rx :<br>Loss :<br>Loss% : | 2377799.000<br>2377799.000<br>0<br>.00 | 1087 | 1147 | 1117.000 |
| Trial: 1 / FS: 1024 / Iter: 9 | 100 | 100 | 119731.8 | 980.843 | Tx :<br>Rx :<br>Loss :<br>Loss% : | 2394636.000<br>2394636.000<br>0<br>.00 | 1112 | 4075 | 1159.000 |
| Trial: 1 / FS: 1280 / Iter: 1 | 10  | 10  | 9615.4   | 98.462  | Tx :<br>Rx :<br>Loss :<br>Loss% : | 192308.000<br>192308.000<br>0<br>.00   | 1087 | 1145 | 1113.000 |
| Trial: 1 / FS: 1280 / Iter: 2 | 55  | 55  | 52884.6  | 541.538 | Tx :<br>Rx :<br>Loss :<br>Loss% : | 1057692.000<br>1057692.000<br>0<br>.00 | 1087 | 1145 | 1115.000 |
| Trial: 1 / FS: 1280 / Iter: 3 | 78  | 78  | 74519.2  | 763.077 | Tx :<br>Rx :<br>Loss :<br>Loss% : | 1490385.000<br>1490385.000<br>0<br>.00 | 1087 | 1145 | 1115.000 |
| Trial: 1 / FS: 1280 / Iter: 4 | 89  | 89  | 85336.5  | 873.846 | Tx :<br>Rx :<br>Loss :<br>Loss% : | 1706731.000<br>1706731.000<br>0<br>.00 | 1087 | 1145 | 1115.000 |
| Trial: 1 / FS: 1280 / Iter: 5 | 94  | 94  | 90745.2  | 929.231 | Tx :<br>Rx :<br>Loss :<br>Loss% : | 1814904.000<br>1814904.000<br>0<br>.00 | 1087 | 1145 | 1115.000 |
| Trial: 1 / FS: 1280 / Iter: 6 | 97  | 97  | 93449.5  | 956.923 | Tx :<br>Rx :<br>Loss :<br>Loss% : | 1868990.000<br>1868990.000<br>0<br>.00 | 1087 | 1145 | 1115.000 |
| Trial: 1 / FS: 1280 / Iter: 7 | 99  | 99  | 94801.7  | 970.769 | Tx :<br>Rx :<br>Loss :<br>Loss% : | 1896034.000<br>1896034.000<br>0<br>.00 | 1087 | 1145 | 1115.000 |
| Trial: 1 / FS: 1280 / Iter: 8 | 99  | 99  | 95477.8  | 977.692 | Tx :<br>Rx :<br>Loss :<br>Loss% : | 1909555.000<br>1909555.000<br>0<br>.00 | 1087 | 1145 | 1115.000 |
| Trial: 1 / FS: 1280 / Iter: 9 | 100 | 100 | 96153.8  | 984.615 | Tx :<br>Rx :<br>Loss :<br>Loss% : | 1923077.000<br>1923077.000<br>0<br>.00 | 1110 | 1142 | 1123.000 |
| Trial: 1 / FS: 1518 / Iter: 1 | 10  | 10  | 8127.4   | 98.700  | Tx :<br>Rx :<br>Loss :<br>Loss% : | 162549.000<br>162549.000<br>0<br>.00   | 1090 | 1145 | 1119.000 |
| Trial: 1 / FS: 1518 / Iter: 2 | 55  | 55  | 44700.9  | 542.848 | Tx :<br>Rx :<br>Loss :<br>Loss% : | 894018.000<br>894018.000<br>0<br>.00   | 1087 | 1145 | 1119.000 |
| Trial: 1 / FS: 1518 / Iter: 3 | 78  | 78  | 62987.6  | 764.922 | Tx :<br>Rx :<br>Loss :<br>Loss% : | 1259753.000<br>1259753.000<br>0<br>.00 | 1087 | 1145 | 1119.000 |
| Trial: 1 / FS: 1518 / Iter: 4 | 89  | 89  | 72131.0  | 875.959 | Tx :<br>Rx :<br>Loss :<br>Loss% : | 1442620.000<br>1442620.000<br>0<br>.00 | 1087 | 2480 | 1119.000 |



|                               |     |     |         |         |         |             |      |      |          |
|-------------------------------|-----|-----|---------|---------|---------|-------------|------|------|----------|
| Trial: 1 / FS: 1518 / Iter: 5 | 94  | 94  | 76702.7 | 931.478 | Tx :    | 1534054.000 | 1087 | 3320 | 1118.000 |
|                               |     |     |         |         | Rx :    | 1534054.000 |      |      |          |
|                               |     |     |         |         | Loss :  | 0           |      |      |          |
|                               |     |     |         |         | Loss% : | .00         |      |      |          |
| Trial: 1 / FS: 1518 / Iter: 6 | 97  | 97  | 78988.5 | 959.237 | Tx :    | 1579771.000 | 1087 | 1145 | 1119.000 |
|                               |     |     |         |         | Rx :    | 1579771.000 |      |      |          |
|                               |     |     |         |         | Loss :  | 0           |      |      |          |
|                               |     |     |         |         | Loss% : | .00         |      |      |          |
| Trial: 1 / FS: 1518 / Iter: 7 | 99  | 99  | 80131.5 | 973.117 | Tx :    | 1602629.000 | 1087 | 1145 | 1119.000 |
|                               |     |     |         |         | Rx :    | 1602629.000 |      |      |          |
|                               |     |     |         |         | Loss :  | 0           |      |      |          |
|                               |     |     |         |         | Loss% : | .00         |      |      |          |
| Trial: 1 / FS: 1518 / Iter: 8 | 99  | 99  | 80702.9 | 980.056 | Tx :    | 1614058.000 | 1087 | 1145 | 1119.000 |
|                               |     |     |         |         | Rx :    | 1614058.000 |      |      |          |
|                               |     |     |         |         | Loss :  | 0           |      |      |          |
|                               |     |     |         |         | Loss% : | .00         |      |      |          |
| Trial: 1 / FS: 1518 / Iter: 9 | 100 | 100 | 81274.4 | 986.996 | Tx :    | 1625488.000 | 1120 | 1145 | 1128.000 |
|                               |     |     |         |         | Rx :    | 1625488.000 |      |      |          |
|                               |     |     |         |         | Loss :  | 0           |      |      |          |
|                               |     |     |         |         | Loss% : | .00         |      |      |          |



## RFC2544 - Throughput/Latency - Per Flow Statistics - Part 1 of 2

| Trial / Framesize / Iteration | Tx Port        | Rx Port        | Flow Group                                    | L2 Throughput |         |           |        | L1 Throughput |              | Throughput (frames)                                         |
|-------------------------------|----------------|----------------|-----------------------------------------------|---------------|---------|-----------|--------|---------------|--------------|-------------------------------------------------------------|
|                               |                |                |                                               | Tx Rate %     | Rx Rate |           |        | Tx Rate Mbps  | Rx Rate Mbps |                                                             |
|                               |                |                |                                               |               | %       | FPS       | Mbps   |               |              |                                                             |
| Trial: 1 / FS: 64 / Iter: 9   | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 100.00        | 100     | 1488095.2 | 761.91 |               |              | Tx : 29761905<br>Rx : 29761905<br>Loss : 0<br>Loss% : 0.000 |
| Trial: 1 / FS: 128 / Iter: 9  | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 100.00        | 100     | 844594.6  | 864.87 |               |              | Tx : 16891892<br>Rx : 16891892<br>Loss : 0<br>Loss% : 0.000 |
| Trial: 1 / FS: 256 / Iter: 9  | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 100.00        | 100     | 452898.6  | 927.54 |               |              | Tx : 9057971<br>Rx : 9057971<br>Loss : 0<br>Loss% : 0.000   |
| Trial: 1 / FS: 512 / Iter: 9  | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 100.00        | 100     | 234962.4  | 962.41 |               |              | Tx : 4699248<br>Rx : 4699248<br>Loss : 0<br>Loss% : 0.000   |
| Trial: 1 / FS: 1024 / Iter: 9 | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 100.00        | 100     | 119731.8  | 980.84 |               |              | Tx : 2394636<br>Rx : 2394636<br>Loss : 0<br>Loss% : 0.000   |
| Trial: 1 / FS: 1280 / Iter: 9 | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 100.00        | 100     | 96153.8   | 984.62 |               |              | Tx : 1923077<br>Rx : 1923077<br>Loss : 0<br>Loss% : 0.000   |
| Trial: 1 / FS: 1518 / Iter: 9 | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 100.00        | 100     | 81274.4   | 987.00 |               |              | Tx : 1625488<br>Rx : 1625488<br>Loss : 0<br>Loss% : 0.000   |

## RFC2544 - Throughput/Latency - Per Flow Statistics - Part 2 of 2

| Trial / Framesize / Iteration | Tx Port        | Rx Port        | Flow Group                                    | Min Latency (ns) | Max Latency (ns) | Avg Latency (ns) |
|-------------------------------|----------------|----------------|-----------------------------------------------|------------------|------------------|------------------|
| Trial: 1 / FS: 64 / Iter: 9   | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 1185             | 1227             | 1217             |
| Trial: 1 / FS: 128 / Iter: 9  | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 1200             | 1275             | 1221             |
| Trial: 1 / FS: 256 / Iter: 9  | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 1087             | 4025             | 1106             |
| Trial: 1 / FS: 512 / Iter: 9  | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 1112             | 1145             | 1129             |
| Trial: 1 / FS: 1024 / Iter: 9 | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 1112             | 4075             | 1159             |
| Trial: 1 / FS: 1280 / Iter: 9 | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 1110             | 1142             | 1123             |
| Trial: 1 / FS: 1518 / Iter: 9 | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 1120             | 1145             | 1128             |

## RFC2544 - Throughput/Latency - Iteration Statistics - Part 1 of 2

| Trial / Framesize / Iteration | Tx Port        | Rx Port        | Flow Group                                    | L2 Throughput |        |             |        | L1 Throughput |              | Throughput (frames)                                         |  |
|-------------------------------|----------------|----------------|-----------------------------------------------|---------------|--------|-------------|--------|---------------|--------------|-------------------------------------------------------------|--|
|                               |                |                |                                               | Tx Rate %     | %      | Rx Rate FPS | Mbps   | Tx Rate Mbps  | Rx Rate Mbps |                                                             |  |
| Trial: 1 / FS: 64 / Iter: 1   | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 10.00         | 10.00  | 148809.5    | 76.19  |               |              | Tx : 2976190<br>Rx : 2976190<br>Loss : 0<br>Loss% : 0.000   |  |
| Trial: 1 / FS: 64 / Iter: 2   | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 55.00         | 55.00  | 818452.5    | 419.05 |               |              | Tx : 16369048<br>Rx : 16369048<br>Loss : 0<br>Loss% : 0.000 |  |
| Trial: 1 / FS: 64 / Iter: 3   | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 77.50         | 77.50  | 1153274.7   | 590.48 |               |              | Tx : 23065476<br>Rx : 23065476<br>Loss : 0<br>Loss% : 0.000 |  |
| Trial: 1 / FS: 64 / Iter: 4   | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 88.75         | 88.75  | 1320685.0   | 676.19 |               |              | Tx : 26413690<br>Rx : 26413690<br>Loss : 0<br>Loss% : 0.000 |  |
| Trial: 1 / FS: 64 / Iter: 5   | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 94.38         | 94.38  | 1404391.1   | 719.05 |               |              | Tx : 28087798<br>Rx : 28087798<br>Loss : 0<br>Loss% : 0.000 |  |
| Trial: 1 / FS: 64 / Iter: 6   | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 97.19         | 97.19  | 1446242.7   | 740.48 |               |              | Tx : 28924851<br>Rx : 28924851<br>Loss : 0<br>Loss% : 0.000 |  |
| Trial: 1 / FS: 64 / Iter: 7   | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 98.59         | 98.59  | 1467169.8   | 751.19 |               |              | Tx : 29343378<br>Rx : 29343378<br>Loss : 0<br>Loss% : 0.000 |  |
| Trial: 1 / FS: 64 / Iter: 8   | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 99.30         | 99.30  | 1477633.5   | 756.55 |               |              | Tx : 29552641<br>Rx : 29552641<br>Loss : 0<br>Loss% : 0.000 |  |
| Trial: 1 / FS: 64 / Iter: 9   | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 100.00        | 100.00 | 1488095.2   | 761.91 |               |              | Tx : 29761905<br>Rx : 29761905<br>Loss : 0<br>Loss% : 0.000 |  |
| Trial: 1 / FS: 128 / Iter: 1  | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 10.00         | 10.00  | 84459.5     | 86.49  |               |              | Tx : 1689189<br>Rx : 1689189<br>Loss : 0<br>Loss% : 0.000   |  |
| Trial: 1 / FS: 128 / Iter: 2  | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 55.00         | 55.00  | 464527.2    | 475.68 |               |              | Tx : 9290541<br>Rx : 9290541<br>Loss : 0<br>Loss% : 0.000   |  |
| Trial: 1 / FS: 128 / Iter: 3  | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 77.50         | 77.50  | 654561.0    | 670.27 |               |              | Tx : 13091216<br>Rx : 13091216<br>Loss : 0<br>Loss% : 0.000 |  |
| Trial: 1 / FS: 128 / Iter: 4  | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 88.75         | 88.75  | 749577.8    | 767.57 |               |              | Tx : 14991554<br>Rx : 14991554<br>Loss : 0<br>Loss% : 0.000 |  |

|                              |                |                |                                               |        |        |          |        |               |
|------------------------------|----------------|----------------|-----------------------------------------------|--------|--------|----------|--------|---------------|
| Trial: 1 / FS: 128 / Iter: 5 | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 94.38  | 94.38  | 797086.2 | 816.22 | Tx : 15941723 |
|                              |                |                |                                               |        |        |          |        | Rx : 15941723 |
|                              |                |                |                                               |        |        |          |        | Loss : 0      |
|                              |                |                |                                               |        |        |          |        | Loss% : 0.000 |
| Trial: 1 / FS: 128 / Iter: 6 | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 97.19  | 97.19  | 820840.6 | 840.54 | Tx : 16416807 |
|                              |                |                |                                               |        |        |          |        | Rx : 16416807 |
|                              |                |                |                                               |        |        |          |        | Loss : 0      |
|                              |                |                |                                               |        |        |          |        | Loss% : 0.000 |
| Trial: 1 / FS: 128 / Iter: 7 | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 98.59  | 98.59  | 832717.5 | 852.70 | Tx : 16654350 |
|                              |                |                |                                               |        |        |          |        | Rx : 16654350 |
|                              |                |                |                                               |        |        |          |        | Loss : 0      |
|                              |                |                |                                               |        |        |          |        | Loss% : 0.000 |
| Trial: 1 / FS: 128 / Iter: 8 | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 99.30  | 99.30  | 838656.3 | 858.78 | Tx : 16773121 |
|                              |                |                |                                               |        |        |          |        | Rx : 16773121 |
|                              |                |                |                                               |        |        |          |        | Loss : 0      |
|                              |                |                |                                               |        |        |          |        | Loss% : 0.000 |
| Trial: 1 / FS: 128 / Iter: 9 | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 100.00 | 100.00 | 844594.6 | 864.87 | Tx : 16891892 |
|                              |                |                |                                               |        |        |          |        | Rx : 16891892 |
|                              |                |                |                                               |        |        |          |        | Loss : 0      |
|                              |                |                |                                               |        |        |          |        | Loss% : 0.000 |
| Trial: 1 / FS: 256 / Iter: 1 | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 10.00  | 10.00  | 45289.9  | 92.75  | Tx : 905797   |
|                              |                |                |                                               |        |        |          |        | Rx : 905797   |
|                              |                |                |                                               |        |        |          |        | Loss : 0      |
|                              |                |                |                                               |        |        |          |        | Loss% : 0.000 |
| Trial: 1 / FS: 256 / Iter: 2 | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 55.00  | 55.00  | 249094.2 | 510.15 | Tx : 4981884  |
|                              |                |                |                                               |        |        |          |        | Rx : 4981884  |
|                              |                |                |                                               |        |        |          |        | Loss : 0      |
|                              |                |                |                                               |        |        |          |        | Loss% : 0.000 |
| Trial: 1 / FS: 256 / Iter: 3 | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 77.50  | 77.50  | 350996.4 | 718.84 | Tx : 7019928  |
|                              |                |                |                                               |        |        |          |        | Rx : 7019928  |
|                              |                |                |                                               |        |        |          |        | Loss : 0      |
|                              |                |                |                                               |        |        |          |        | Loss% : 0.000 |
| Trial: 1 / FS: 256 / Iter: 4 | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 88.75  | 88.75  | 401947.6 | 823.19 | Tx : 8038949  |
|                              |                |                |                                               |        |        |          |        | Rx : 8038949  |
|                              |                |                |                                               |        |        |          |        | Loss : 0      |
|                              |                |                |                                               |        |        |          |        | Loss% : 0.000 |
| Trial: 1 / FS: 256 / Iter: 5 | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 94.38  | 94.38  | 427423.1 | 875.36 | Tx : 8548460  |
|                              |                |                |                                               |        |        |          |        | Rx : 8548460  |
|                              |                |                |                                               |        |        |          |        | Loss : 0      |
|                              |                |                |                                               |        |        |          |        | Loss% : 0.000 |
| Trial: 1 / FS: 256 / Iter: 6 | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 97.19  | 97.19  | 440160.8 | 901.45 | Tx : 8803216  |
|                              |                |                |                                               |        |        |          |        | Rx : 8803216  |
|                              |                |                |                                               |        |        |          |        | Loss : 0      |
|                              |                |                |                                               |        |        |          |        | Loss% : 0.000 |
| Trial: 1 / FS: 256 / Iter: 7 | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 98.59  | 98.59  | 446529.8 | 914.49 | Tx : 8930593  |
|                              |                |                |                                               |        |        |          |        | Rx : 8930593  |
|                              |                |                |                                               |        |        |          |        | Loss : 0      |
|                              |                |                |                                               |        |        |          |        | Loss% : 0.000 |
| Trial: 1 / FS: 256 / Iter: 8 | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 99.30  | 99.30  | 449714.2 | 921.02 | Tx : 8994282  |
|                              |                |                |                                               |        |        |          |        | Rx : 8994282  |
|                              |                |                |                                               |        |        |          |        | Loss : 0      |
|                              |                |                |                                               |        |        |          |        | Loss% : 0.000 |
| Trial: 1 / FS: 256 / Iter: 9 | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 100.00 | 100.00 | 452898.6 | 927.54 | Tx : 9057971  |
|                              |                |                |                                               |        |        |          |        | Rx : 9057971  |
|                              |                |                |                                               |        |        |          |        | Loss : 0      |
|                              |                |                |                                               |        |        |          |        | Loss% : 0.000 |
| Trial: 1 / FS: 512 / Iter: 1 | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 10.00  | 10.00  | 23496.2  | 96.24  | Tx : 469925   |
|                              |                |                |                                               |        |        |          |        | Rx : 469925   |
|                              |                |                |                                               |        |        |          |        | Loss : 0      |
|                              |                |                |                                               |        |        |          |        | Loss% : 0.000 |

|                               |                |                |                                               |        |        |          |        |              |              |          |               |
|-------------------------------|----------------|----------------|-----------------------------------------------|--------|--------|----------|--------|--------------|--------------|----------|---------------|
| Trial: 1 / FS: 512 / Iter: 2  | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 55.00  | 55.00  | 129229.3 | 529.32 | Tx : 2584586 | Rx : 2584586 | Loss : 0 | Loss% : 0.000 |
| Trial: 1 / FS: 512 / Iter: 3  | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 77.50  | 77.50  | 182095.9 | 745.87 | Tx : 3641917 | Rx : 3641917 | Loss : 0 | Loss% : 0.000 |
| Trial: 1 / FS: 512 / Iter: 4  | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 88.75  | 88.75  | 208529.1 | 854.14 | Tx : 4170583 | Rx : 4170583 | Loss : 0 | Loss% : 0.000 |
| Trial: 1 / FS: 512 / Iter: 5  | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 94.38  | 94.38  | 221745.8 | 908.27 | Tx : 4434915 | Rx : 4434915 | Loss : 0 | Loss% : 0.000 |
| Trial: 1 / FS: 512 / Iter: 6  | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 97.19  | 97.19  | 228354.1 | 935.34 | Tx : 4567082 | Rx : 4567082 | Loss : 0 | Loss% : 0.000 |
| Trial: 1 / FS: 512 / Iter: 7  | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 98.59  | 98.59  | 231658.3 | 948.87 | Tx : 4633165 | Rx : 4633165 | Loss : 0 | Loss% : 0.000 |
| Trial: 1 / FS: 512 / Iter: 8  | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 99.30  | 99.30  | 233310.3 | 955.64 | Tx : 4666207 | Rx : 4666207 | Loss : 0 | Loss% : 0.000 |
| Trial: 1 / FS: 512 / Iter: 9  | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 100.00 | 100.00 | 234962.4 | 962.41 | Tx : 4699248 | Rx : 4699248 | Loss : 0 | Loss% : 0.000 |
| Trial: 1 / FS: 1024 / Iter: 1 | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 10.00  | 10.00  | 11973.2  | 98.08  | Tx : 239464  | Rx : 239464  | Loss : 0 | Loss% : 0.000 |
| Trial: 1 / FS: 1024 / Iter: 2 | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 55.00  | 55.00  | 65852.5  | 539.46 | Tx : 1317050 | Rx : 1317050 | Loss : 0 | Loss% : 0.000 |
| Trial: 1 / FS: 1024 / Iter: 3 | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 77.50  | 77.50  | 92792.2  | 760.15 | Tx : 1855843 | Rx : 1855843 | Loss : 0 | Loss% : 0.000 |
| Trial: 1 / FS: 1024 / Iter: 4 | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 88.75  | 88.75  | 106262.0 | 870.50 | Tx : 2125239 | Rx : 2125239 | Loss : 0 | Loss% : 0.000 |
| Trial: 1 / FS: 1024 / Iter: 5 | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 94.38  | 94.38  | 112996.9 | 925.67 | Tx : 2259938 | Rx : 2259938 | Loss : 0 | Loss% : 0.000 |
| Trial: 1 / FS: 1024 / Iter: 6 | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 97.19  | 97.19  | 116364.3 | 953.26 | Tx : 2327287 | Rx : 2327287 | Loss : 0 | Loss% : 0.000 |
| Trial: 1 / FS: 1024 / Iter: 7 | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 98.59  | 98.59  | 118048.1 | 967.05 | Tx : 2360961 | Rx : 2360961 | Loss : 0 | Loss% : 0.000 |

|                               |                |                |                                               |        |        |          |        |               |
|-------------------------------|----------------|----------------|-----------------------------------------------|--------|--------|----------|--------|---------------|
| Trial: 1 / FS: 1024 / Iter: 8 | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 99.30  | 99.30  | 118889.9 | 973.95 | Tx : 2377799  |
|                               |                |                |                                               |        |        |          |        | Rx : 2377799  |
|                               |                |                |                                               |        |        |          |        | Loss : 0      |
|                               |                |                |                                               |        |        |          |        | Loss% : 0.000 |
| Trial: 1 / FS: 1024 / Iter: 9 | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 100.00 | 100.00 | 119731.8 | 980.84 | Tx : 2394636  |
|                               |                |                |                                               |        |        |          |        | Rx : 2394636  |
|                               |                |                |                                               |        |        |          |        | Loss : 0      |
|                               |                |                |                                               |        |        |          |        | Loss% : 0.000 |
| Trial: 1 / FS: 1280 / Iter: 1 | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 10.00  | 10.00  | 9615.4   | 98.46  | Tx : 192308   |
|                               |                |                |                                               |        |        |          |        | Rx : 192308   |
|                               |                |                |                                               |        |        |          |        | Loss : 0      |
|                               |                |                |                                               |        |        |          |        | Loss% : 0.000 |
| Trial: 1 / FS: 1280 / Iter: 2 | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 55.00  | 55.00  | 52884.6  | 541.54 | Tx : 1057692  |
|                               |                |                |                                               |        |        |          |        | Rx : 1057692  |
|                               |                |                |                                               |        |        |          |        | Loss : 0      |
|                               |                |                |                                               |        |        |          |        | Loss% : 0.000 |
| Trial: 1 / FS: 1280 / Iter: 3 | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 77.50  | 77.50  | 74519.2  | 763.08 | Tx : 1490385  |
|                               |                |                |                                               |        |        |          |        | Rx : 1490385  |
|                               |                |                |                                               |        |        |          |        | Loss : 0      |
|                               |                |                |                                               |        |        |          |        | Loss% : 0.000 |
| Trial: 1 / FS: 1280 / Iter: 4 | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 88.75  | 88.75  | 85336.5  | 873.85 | Tx : 1706731  |
|                               |                |                |                                               |        |        |          |        | Rx : 1706731  |
|                               |                |                |                                               |        |        |          |        | Loss : 0      |
|                               |                |                |                                               |        |        |          |        | Loss% : 0.000 |
| Trial: 1 / FS: 1280 / Iter: 5 | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 94.38  | 94.38  | 90745.2  | 929.23 | Tx : 1814904  |
|                               |                |                |                                               |        |        |          |        | Rx : 1814904  |
|                               |                |                |                                               |        |        |          |        | Loss : 0      |
|                               |                |                |                                               |        |        |          |        | Loss% : 0.000 |
| Trial: 1 / FS: 1280 / Iter: 6 | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 97.19  | 97.19  | 93449.5  | 956.92 | Tx : 1868990  |
|                               |                |                |                                               |        |        |          |        | Rx : 1868990  |
|                               |                |                |                                               |        |        |          |        | Loss : 0      |
|                               |                |                |                                               |        |        |          |        | Loss% : 0.000 |
| Trial: 1 / FS: 1280 / Iter: 7 | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 98.59  | 98.59  | 94801.7  | 970.77 | Tx : 1896034  |
|                               |                |                |                                               |        |        |          |        | Rx : 1896034  |
|                               |                |                |                                               |        |        |          |        | Loss : 0      |
|                               |                |                |                                               |        |        |          |        | Loss% : 0.000 |
| Trial: 1 / FS: 1280 / Iter: 8 | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 99.30  | 99.30  | 95477.8  | 977.69 | Tx : 1909555  |
|                               |                |                |                                               |        |        |          |        | Rx : 1909555  |
|                               |                |                |                                               |        |        |          |        | Loss : 0      |
|                               |                |                |                                               |        |        |          |        | Loss% : 0.000 |
| Trial: 1 / FS: 1280 / Iter: 9 | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 100.00 | 100.00 | 96153.8  | 984.62 | Tx : 1923077  |
|                               |                |                |                                               |        |        |          |        | Rx : 1923077  |
|                               |                |                |                                               |        |        |          |        | Loss : 0      |
|                               |                |                |                                               |        |        |          |        | Loss% : 0.000 |
| Trial: 1 / FS: 1518 / Iter: 1 | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 10.00  | 10.00  | 8127.4   | 98.70  | Tx : 162549   |
|                               |                |                |                                               |        |        |          |        | Rx : 162549   |
|                               |                |                |                                               |        |        |          |        | Loss : 0      |
|                               |                |                |                                               |        |        |          |        | Loss% : 0.000 |
| Trial: 1 / FS: 1518 / Iter: 2 | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 55.00  | 55.00  | 44700.9  | 542.85 | Tx : 894018   |
|                               |                |                |                                               |        |        |          |        | Rx : 894018   |
|                               |                |                |                                               |        |        |          |        | Loss : 0      |
|                               |                |                |                                               |        |        |          |        | Loss% : 0.000 |
| Trial: 1 / FS: 1518 / Iter: 3 | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 77.50  | 77.50  | 62987.6  | 764.92 | Tx : 1259753  |
|                               |                |                |                                               |        |        |          |        | Rx : 1259753  |
|                               |                |                |                                               |        |        |          |        | Loss : 0      |
|                               |                |                |                                               |        |        |          |        | Loss% : 0.000 |
| Trial: 1 / FS: 1518 / Iter: 4 | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 88.75  | 88.75  | 72131.0  | 875.96 | Tx : 1442620  |
|                               |                |                |                                               |        |        |          |        | Rx : 1442620  |
|                               |                |                |                                               |        |        |          |        | Loss : 0      |
|                               |                |                |                                               |        |        |          |        | Loss% : 0.000 |

|                               |                |                |                                               |        |        |         |        |               |
|-------------------------------|----------------|----------------|-----------------------------------------------|--------|--------|---------|--------|---------------|
| Trial: 1 / FS: 1518 / Iter: 5 | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 94.38  | 94.38  | 76702.7 | 931.48 | Tx : 1534054  |
|                               |                |                |                                               |        |        |         |        | Rx : 1534054  |
|                               |                |                |                                               |        |        |         |        | Loss : 0      |
|                               |                |                |                                               |        |        |         |        | Loss% : 0.000 |
| Trial: 1 / FS: 1518 / Iter: 6 | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 97.19  | 97.19  | 78988.5 | 959.24 | Tx : 1579771  |
|                               |                |                |                                               |        |        |         |        | Rx : 1579771  |
|                               |                |                |                                               |        |        |         |        | Loss : 0      |
|                               |                |                |                                               |        |        |         |        | Loss% : 0.000 |
| Trial: 1 / FS: 1518 / Iter: 7 | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 98.59  | 98.59  | 80131.5 | 973.12 | Tx : 1602629  |
|                               |                |                |                                               |        |        |         |        | Rx : 1602629  |
|                               |                |                |                                               |        |        |         |        | Loss : 0      |
|                               |                |                |                                               |        |        |         |        | Loss% : 0.000 |
| Trial: 1 / FS: 1518 / Iter: 8 | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 99.30  | 99.30  | 80702.9 | 980.06 | Tx : 1614058  |
|                               |                |                |                                               |        |        |         |        | Rx : 1614058  |
|                               |                |                |                                               |        |        |         |        | Loss : 0      |
|                               |                |                |                                               |        |        |         |        | Loss% : 0.000 |
| Trial: 1 / FS: 1518 / Iter: 9 | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 100.00 | 100.00 | 81274.4 | 987.00 | Tx : 1625488  |
|                               |                |                |                                               |        |        |         |        | Rx : 1625488  |
|                               |                |                |                                               |        |        |         |        | Loss : 0      |
|                               |                |                |                                               |        |        |         |        | Loss% : 0.000 |

## RFC2544 - Throughput/Latency - Iteration Statistics - Part 2 of 2

| Trial / Framesize / Iteration | Tx Port        | Rx Port        | Flow Group                                    | Min Latency (ns) | Max Latency (ns) | Avg Latency (ns) |
|-------------------------------|----------------|----------------|-----------------------------------------------|------------------|------------------|------------------|
| Trial: 1 / FS: 64 / Iter: 1   | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 1177             | 1225             | 1196.00          |
| Trial: 1 / FS: 64 / Iter: 2   | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 1177             | 1227             | 1199.00          |
| Trial: 1 / FS: 64 / Iter: 3   | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 1177             | 1227             | 1199.00          |
| Trial: 1 / FS: 64 / Iter: 4   | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 1177             | 1227             | 1199.00          |
| Trial: 1 / FS: 64 / Iter: 5   | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 1177             | 4105             | 1199.00          |
| Trial: 1 / FS: 64 / Iter: 6   | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 1177             | 4122             | 1201.00          |
| Trial: 1 / FS: 64 / Iter: 7   | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 1177             | 1227             | 1203.00          |
| Trial: 1 / FS: 64 / Iter: 8   | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 1177             | 1227             | 1206.00          |
| Trial: 1 / FS: 64 / Iter: 9   | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 1185             | 1227             | 1217.00          |
| Trial: 1 / FS: 128 / Iter: 1  | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 1177             | 1225             | 1195.00          |
| Trial: 1 / FS: 128 / Iter: 2  | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 1175             | 1225             | 1199.00          |
| Trial: 1 / FS: 128 / Iter: 3  | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 1175             | 1227             | 1199.00          |
| Trial: 1 / FS: 128 / Iter: 4  | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 1175             | 1225             | 1199.00          |
| Trial: 1 / FS: 128 / Iter: 5  | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 1175             | 1225             | 1198.00          |
| Trial: 1 / FS: 128 / Iter: 6  | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 1175             | 1225             | 1198.00          |
| Trial: 1 / FS: 128 / Iter: 7  | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 1175             | 4130             | 1201.00          |
| Trial: 1 / FS: 128 / Iter: 8  | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 1175             | 4185             | 1203.00          |
| Trial: 1 / FS: 128 / Iter: 9  | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 1200             | 1275             | 1221.00          |
| Trial: 1 / FS: 256 / Iter: 1  | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 1057             | 1105             | 1084.00          |



|                               |                |                |                                               |      |      |         |
|-------------------------------|----------------|----------------|-----------------------------------------------|------|------|---------|
| Trial: 1 / FS: 256 / Iter: 2  | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 1055 | 1105 | 1080.00 |
| Trial: 1 / FS: 256 / Iter: 3  | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 1055 | 1105 | 1080.00 |
| Trial: 1 / FS: 256 / Iter: 4  | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 1055 | 1105 | 1080.00 |
| Trial: 1 / FS: 256 / Iter: 5  | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 1055 | 1105 | 1080.00 |
| Trial: 1 / FS: 256 / Iter: 6  | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 1055 | 1105 | 1080.00 |
| Trial: 1 / FS: 256 / Iter: 7  | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 1055 | 3985 | 1080.00 |
| Trial: 1 / FS: 256 / Iter: 8  | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 1055 | 4015 | 1083.00 |
| Trial: 1 / FS: 256 / Iter: 9  | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 1087 | 4025 | 1106.00 |
| Trial: 1 / FS: 512 / Iter: 1  | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 1095 | 1145 | 1119.00 |
| Trial: 1 / FS: 512 / Iter: 2  | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 1087 | 1145 | 1117.00 |
| Trial: 1 / FS: 512 / Iter: 3  | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 1087 | 1145 | 1117.00 |
| Trial: 1 / FS: 512 / Iter: 4  | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 1087 | 1145 | 1117.00 |
| Trial: 1 / FS: 512 / Iter: 5  | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 1087 | 3792 | 1117.00 |
| Trial: 1 / FS: 512 / Iter: 6  | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 1087 | 3927 | 1117.00 |
| Trial: 1 / FS: 512 / Iter: 7  | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 1087 | 1145 | 1116.00 |
| Trial: 1 / FS: 512 / Iter: 8  | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 1087 | 1145 | 1117.00 |
| Trial: 1 / FS: 512 / Iter: 9  | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 1112 | 1145 | 1129.00 |
| Trial: 1 / FS: 1024 / Iter: 1 | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 1090 | 1145 | 1113.00 |
| Trial: 1 / FS: 1024 / Iter: 2 | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 1087 | 1147 | 1117.00 |
| Trial: 1 / FS: 1024 / Iter: 3 | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 1087 | 1147 | 1118.00 |
| Trial: 1 / FS: 1024 / Iter: 4 | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 1087 | 1147 | 1117.00 |

|                               |                |                |                                               |      |      |         |
|-------------------------------|----------------|----------------|-----------------------------------------------|------|------|---------|
| Trial: 1 / FS: 1024 / Iter: 5 | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 1087 | 1147 | 1117.00 |
| Trial: 1 / FS: 1024 / Iter: 6 | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 1087 | 1147 | 1117.00 |
| Trial: 1 / FS: 1024 / Iter: 7 | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 1087 | 1147 | 1117.00 |
| Trial: 1 / FS: 1024 / Iter: 8 | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 1087 | 1147 | 1117.00 |
| Trial: 1 / FS: 1024 / Iter: 9 | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 1112 | 4075 | 1159.00 |
| Trial: 1 / FS: 1280 / Iter: 1 | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 1087 | 1145 | 1113.00 |
| Trial: 1 / FS: 1280 / Iter: 2 | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 1087 | 1145 | 1115.00 |
| Trial: 1 / FS: 1280 / Iter: 3 | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 1087 | 1145 | 1115.00 |
| Trial: 1 / FS: 1280 / Iter: 4 | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 1087 | 1145 | 1115.00 |
| Trial: 1 / FS: 1280 / Iter: 5 | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 1087 | 1145 | 1115.00 |
| Trial: 1 / FS: 1280 / Iter: 6 | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 1087 | 1145 | 1115.00 |
| Trial: 1 / FS: 1280 / Iter: 7 | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 1087 | 1145 | 1115.00 |
| Trial: 1 / FS: 1280 / Iter: 8 | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 1087 | 1145 | 1115.00 |
| Trial: 1 / FS: 1280 / Iter: 9 | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 1110 | 1142 | 1123.00 |
| Trial: 1 / FS: 1518 / Iter: 1 | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 1090 | 1145 | 1119.00 |
| Trial: 1 / FS: 1518 / Iter: 2 | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 1087 | 1145 | 1119.00 |
| Trial: 1 / FS: 1518 / Iter: 3 | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 1087 | 1145 | 1119.00 |
| Trial: 1 / FS: 1518 / Iter: 4 | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 1087 | 2480 | 1119.00 |
| Trial: 1 / FS: 1518 / Iter: 5 | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 1087 | 3320 | 1118.00 |
| Trial: 1 / FS: 1518 / Iter: 6 | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 1087 | 1145 | 1119.00 |
| Trial: 1 / FS: 1518 / Iter: 7 | Ethernet - 001 | Ethernet - 002 | S5850-24T16S-Endpoint Set-1 - Flow Group 0001 | 1087 | 1145 | 1119.00 |



|                               |                   |                   |                                                  |      |      |         |
|-------------------------------|-------------------|-------------------|--------------------------------------------------|------|------|---------|
| Trial: 1 / FS: 1518 / Iter: 8 | Ethernet -<br>001 | Ethernet -<br>002 | S5850-24T16S-Endpoint Set-1 -<br>Flow Group 0001 | 1087 | 1145 | 1119.00 |
| Trial: 1 / FS: 1518 / Iter: 9 | Ethernet -<br>001 | Ethernet -<br>002 | S5850-24T16S-Endpoint Set-1 -<br>Flow Group 0001 | 1120 | 1145 | 1128.00 |

**Theoretical maximum Frame Rates (frames/second) for different frame sizes (bytes)**

| Speed                | 64        | 128      | 256      | 512      | 1024     | 1280    | 1518    |
|----------------------|-----------|----------|----------|----------|----------|---------|---------|
| 10 Mbps              | 14881     | 8446     | 4529     | 2350     | 1198     | 962     | 813     |
| 100 Mbps             | 148810    | 84460    | 45290    | 23497    | 11973    | 9616    | 8128    |
| 1000 Mbps            | 1488096   | 844595   | 452899   | 234963   | 119732   | 96154   | 81275   |
| 10 Gbps              | 14880952  | 8445946  | 4528986  | 2349625  | 1197318  | 961539  | 812744  |
| 25 Gbps              | 37202380  | 21114864 | 11322463 | 5874060  | 2993295  | 2403846 | 2031859 |
| 40 Gbps              | 59523809  | 33783783 | 18115942 | 9398496  | 4789272  | 3846153 | 3250975 |
| 100 Gbps             | 148809523 | 84459459 | 45289855 | 23496240 | 11973180 | 9615384 | 8127438 |
| 155 Mbps (Oc - 3)    | 288000    | 145116   | 72840    | 36491    | 18263    | 14614   | 12324   |
| 622 Mbps (Oc - 12)   | 1152000   | 580465   | 291362   | 145965   | 73054    | 58454   | 49296   |
| 2488 Mbps (Oc - 48)  | 4608000   | 2321860  | 1165447  | 583860   | 292215   | 233817  | 197182  |
| 9952 Mbps (Oc - 192) | 18432000  | 9287442  | 4661790  | 2335439  | 1168859  | 935270  | 788730  |