



# FTBx-8870 Report

| K-20 Layer-2 Test Result |

**FAIL**

|                |                          |
|----------------|--------------------------|
| Report Header: | K-20 Layer-2 Test Result |
| Report Title:  | K-20 Layer-2 Test Result |
| Report Date:   | 10/27/2022 9:07:33 AM    |
| Type:          | EtherSAM (Y.1564)        |

## **Job Information**

|                  |                                |
|------------------|--------------------------------|
| Job ID:          | ITASK2246478                   |
| Circuit ID:      | StarTouch: EVESPOK2-100M-91113 |
| Contractor Name: | University of Washington       |
| Customer Name:   | evergreenstevensco-k12         |
| Operator Name:   | kithc                          |
| Comment:         |                                |

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## SUMMARY

### Results Summary

| Test Status                       |                        |
|-----------------------------------|------------------------|
| Service Configuration Test Status | Completed, Fail        |
| Service Performance Test Status   | Completed, Fail        |
| Pass/Fail Verdict                 | FAIL                   |
| Start Time                        | 10/27/2022 08:38:08 AM |
| Duration                          | 00d:00:10:48           |
| Test Recovery                     | 0                      |

### EtherSAM

| Services Summary |              |                            |                          |
|------------------|--------------|----------------------------|--------------------------|
|                  | Service Name | Service Configuration Test | Service Performance Test |
| 1                | Service 1    | FAIL                       | FAIL                     |

| Service Configuration Summary |              |                 |                 |                  |                         |                 |
|-------------------------------|--------------|-----------------|-----------------|------------------|-------------------------|-----------------|
|                               | Service Name | Frame Loss Rate | Max Jitter (ms) | Max Latency (ms) | Max Throughput (Mbit/s) | Service Verdict |
| 1                             | Service 1    | 5.2E-03         | 0.45729         | 52.42351         | 945.98                  | FAIL            |

| Service Performance Summary |              |                 |                 |                  |                         |                 |
|-----------------------------|--------------|-----------------|-----------------|------------------|-------------------------|-----------------|
|                             | Service Name | Frame Loss Rate | Max Jitter (ms) | Max Latency (ms) | Avg Throughput (Mbit/s) | Service Verdict |
| 1                           | Service 1    | 2.4E-03         | 0.41806         | 93.51779         | 948.17                  | FAIL            |

|                          |                      |
|--------------------------|----------------------|
| <b>VLAN Preservation</b> | No Mismatch Detected |
|--------------------------|----------------------|

| RX Power Level       |       |      |
|----------------------|-------|------|
|                      | Min   | Max  |
| Power Range (dBm)    | -15.0 | 0.5  |
| RX Power Level (dBm) | -3.0  | -2.9 |

| RX Frequency           |                     |                     |
|------------------------|---------------------|---------------------|
|                        | Max Negative Offset | Max Positive Offset |
| Frequency Offset (ppm) | -0.2                | 0.0                 |

## Alarms/Errors

| Alarms/Errors List              |            |
|---------------------------------|------------|
| Active/Historical Alarms/Errors | Frame Loss |

| Interface |         |
|-----------|---------|
| Alarms    | Seconds |
| LOS       | 0       |
| Frequency | 0       |

| Ethernet             |         |
|----------------------|---------|
| Alarms               | Seconds |
| Link Down            | 0       |
| Local Fault Detected | 0       |
| Local Fault Received | 0       |
| Remote Fault         | 0       |

| Errors    | Seconds  | Count | Rate    |
|-----------|----------|-------|---------|
| Block     | 0        | 0     | 0.00E00 |
| FCS       | 0        | 0     | 0.00E00 |
| Jabber    | 0        | 0     | 0.00E00 |
| Oversize  | Disabled |       |         |
| Runt      | 0        | 0     | 0.00E00 |
| Undersize | 0        | 0     | 0.00E00 |
| Total     |          | 0     |         |

| Clock Sync |         |
|------------|---------|
| Alarm      | Seconds |
| LOC        | 0       |

| IP/UDP/TCP   |         |       |         |
|--------------|---------|-------|---------|
| Errors       | Seconds | Count | Rate    |
| IP Checksum  | 0       | 0     | 0.00E00 |
| UDP Checksum | 0       | 0     | 0.00E00 |
| TCP Checksum | 0       | 0     | 0.00E00 |
| Total        |         | 0     |         |

## Setup Summary

|                  |                   |
|------------------|-------------------|
| Application Type | EtherSAM (Y.1564) |
|------------------|-------------------|

|          |             |
|----------|-------------|
| Topology | Single Port |
|----------|-------------|

| Interface      | Port 1   |
|----------------|----------|
| Interface/Rate | 10GE LAN |
| Connector      | SFP+     |

|              |      |
|--------------|------|
| Flow Control | None |
|--------------|------|

## EtherSAM

|                   |         |
|-------------------|---------|
| Pass/Fail Verdict | Enabled |
|-------------------|---------|

| Sub-Tests                  |          |                          |              |
|----------------------------|----------|--------------------------|--------------|
| Service Configuration Test |          | Service Performance Test |              |
| Ramp Test                  | Enabled  | Status                   | Enabled      |
| Burst selection            | Disabled | Duration                 | 00d:00:10:00 |
| Duration                   | 00:00:20 |                          |              |

| Ramp          |       |
|---------------|-------|
| Step Time (s) | 5     |
| Step Values   |       |
| 1             | 50 %  |
| 2             | 75 %  |
| 3             | 90 %  |
| 4             | 100 % |

## Services

|                                  |        |
|----------------------------------|--------|
| Total Committed TX Rate (Mbit/s) | 950.00 |
|----------------------------------|--------|

| Services Summary |              |         |                    |              |                 |                  |                 |             |
|------------------|--------------|---------|--------------------|--------------|-----------------|------------------|-----------------|-------------|
|                  | Service Name | Profile | Frame Size (Bytes) | CIR (Mbit/s) | Max Jitter (ms) | Max Latency (ms) | Frame Loss Rate | CBS (Bytes) |
| 1                | Service 1    | Data    | Random             | 950.00       | 2.00000         | 28.00000         | 1.0E-04         | --          |

## TEST RESULTS

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## Ethernet Traffic

| Frame Type  | TX Count | RX Count |
|-------------|----------|----------|
| Multicast   | 0        | 347      |
| Broadcast   | 2        | 0        |
| Unicast     | 90160712 | 89944105 |
| Non-Unicast | 2        | 347      |
| Total       | 90160714 | 89944452 |

| Frame Size (Bytes) | RX Count | %    |
|--------------------|----------|------|
| < 64               | 0        | 0.0  |
| 64                 | 62547    | 0.0  |
| 65 - 127           | 3891690  | 4.3  |
| 128 - 255          | 7909666  | 8.7  |
| 256 - 511          | 15806690 | 17.5 |
| 512 - 1023         | 31635682 | 35.1 |
| 1024 - 1518        | 30638177 | 34.0 |
| > 1518             | 0        | 0.0  |
| Total              | 89944452 |      |

## Detailed EtherSAM Results

### Service Configuration Test

#### Service 1 : Service 1

| Committed Steps |                 |                 |                  |         |                         |
|-----------------|-----------------|-----------------|------------------|---------|-------------------------|
| Committed Step  | Frame Loss Rate | Max Jitter (ms) | Max Latency (ms) | Verdict | Avg Throughput (Mbit/s) |
| 1-50%CIR        | 0.0E-00         | 0.45729         | 20.17895         | PASS    | 474.98                  |
| 2-75%CIR        | 1.4E-05         | 0.24388         | 22.79386         | PASS    | 712.48                  |
| 3-90%CIR        | 1.5E-05         | 0.24765         | 24.36232         | PASS    | 854.98                  |
| CIR             | 5.2E-03         | 0.25522         | 52.42351         | FAIL    | 945.98                  |

### Service Performance Test

#### Service 1 : Service 1

|                     | Average  | Minimum   | Maximum  | Estimate |
|---------------------|----------|-----------|----------|----------|
| Throughput (Mbit/s) | 948.17   | 893.23    | 982.05   | N/A      |
| Jitter (ms)         | 0.00847  | < 0.00001 | 0.41806  | 0.00781  |
| Latency (ms)        | 14.14205 | 9.78680   | 93.51779 | N/A      |
|                     | Seconds  | Count     | Rate     |          |
| Frame Loss          | 303      | 212727    | 2.4E-03  |          |
| Out-of-Sequence     | 0        | 0         | 0.0E00   |          |

## TEST SETUP

| Clock Synchronization |          |
|-----------------------|----------|
| Clock Mode            | Internal |

## Detailed Services Configuration

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|                                  |         |
|----------------------------------|---------|
| Layer Mode                       | Mixed   |
| IP Version                       | IPv4    |
| Global Pass/Fail Verdict         | Enabled |
| Total Committed TX Rate (Mbit/s) | 950.00  |

## Service 1

| Service Profile |           |
|-----------------|-----------|
| Service Name    | Service 1 |
| Profile         | Data      |
| Frame Size Type | Random    |

| SLA Parameters       |          |
|----------------------|----------|
| Information Rate     |          |
| CIR (Mbit/s)         | 950.00   |
| Performance Criteria |          |
| Max Jitter (ms)      | 2.00000  |
| Max Latency (ms)     | 28.00000 |
| Frame Loss Rate      | 1.0E-04  |

## Test Parameters

| Framing         |             |
|-----------------|-------------|
| Frame Format    | Ethernet II |
| Network Layer   | IPv4        |
| Transport Layer | UDP         |
| VLAN            | None        |
| MPLS            | Disabled    |

## Addressing

|             | MAC               | IP Address                 | UDP Port |
|-------------|-------------------|----------------------------|----------|
| Source      | 00:03:01:F8:22:D8 | 10.112.0.1 / 255.255.255.0 | 49184    |
| Destination | 00:03:01:10:2D:6D | 10.112.0.100               | 7        |

|                     |          |
|---------------------|----------|
| EtherType           | 0x0800   |
| Automatic IP (DHCP) | Disabled |
| TTL                 | 128      |
| TOS                 | 0x00     |
| Default Gateway     | Disabled |

## FUNCTIONS

### Ping & Trace Route

| Network                |                       |
|------------------------|-----------------------|
| Source MAC Address     | 00:03:01:F8:22:D8     |
| Source IP Address      | 10.112.0.1 (Stream 1) |
| Destination IP Address | 0.0.0.0               |

| Ping                  |      |
|-----------------------|------|
| Timeout (ms)          | 4000 |
| Delay (ms)            | 1000 |
| Data Size (Bytes)     | 32   |
| TTL                   | 128  |
| Type Of Service (TOS) | 0x00 |

| Ping Results |            |                                               |
|--------------|------------|-----------------------------------------------|
| No.          | Status     | Reply Details                                 |
| 1            | Successful | IP=10.112.0.100, Bytes=32, Time=10 ms, TTL=63 |

| Ping Statistics              |     |
|------------------------------|-----|
| Packets Transmitted          | 1   |
| Packets Received             | 1   |
| Percentage Lost (%)          | 0.0 |
| Minimum Round Trip Time (ms) | 10  |
| Maximum Round Trip Time (ms) | 10  |
| Average Round Trip Time (ms) | 10  |

| Trace Route   |      |
|---------------|------|
| Timeout (ms)  | 4000 |
| Max Hop Count | 128  |

## SYSTEM INFORMATION

|                                   |                           |
|-----------------------------------|---------------------------|
| <b>Product Name</b>               | Power Blazer Series       |
| <b>Version</b>                    | Power Blazer Series 1.100 |
| <b>Module ID</b>                  | FTBx-8870                 |
| <b>Slot ID</b>                    | 1                         |
| <b>Software Product Version</b>   | 1.100.0.55                |
|                                   | Power Blazer Series 1.100 |
| <b>Assembly Hardware Revision</b> | B                         |
| <b>Serial Number</b>              | 1343184                   |
| <b>Calibration Date</b>           | 4/20/2020 8:28:00 PM      |

## Pluggable Module

|                             |                                  |
|-----------------------------|----------------------------------|
| <b>Module ID</b>            | SFP+                             |
| <b>Vendor Name</b>          | WFS                              |
| <b>Part Number</b>          | WFSP-1396-10-J                   |
| <b>Serial Number</b>        | 3172922861                       |
| <b>Hardware Revision</b>    | 1.0                              |
| <b>Connector Type</b>       | LC                               |
| <b>Speed</b>                | 10G                              |
| <b>Type/Compliance Code</b> | LR, 10.0 km (SMF)                |
| <b>Wavelength</b>           | 1310 nm                          |
| <b>Mode</b>                 | Single-Mode Fiber                |
| <b>Power Class</b>          | Power Class 1 Module (<= 1W max) |
| <b>Temperature (Max)</b>    | 32.9 °C                          |

## Software Options

|                 |                                                      |          |
|-----------------|------------------------------------------------------|----------|
| 100electrical   | Ethernet 100Base-TX (Electrical) Interface           | Enabled  |
| 100optical      | Ethernet 100Base-FX (Optical) Interface              | Disabled |
| 10electrical    | Ethernet 10Base-T (Electrical) Interface             | Enabled  |
| 10G_LAN         | Ethernet 10G LAN optical interface                   | Enabled  |
| 10G_WAN         | Ethernet 10G WAN optical interface                   | Enabled  |
| 155M            | 155 Mbit/s                                           | Disabled |
| 1588PTP         | 1588 Precision Time Protocol                         | Disabled |
| 2488M           | 2.488 Gbit/s                                         | Disabled |
| 52M             | 52 Mbit/s                                            | Enabled  |
| 622M            | 622 Mbit/s                                           | Disabled |
| 9953M           | 9.953 Gbit/s                                         | Disabled |
| Cable_Test      | Cable Test                                           | Disabled |
| CPRI            | CPRI 2.4576 Gbit/s and 3.072 Gbit/s                  | Disabled |
| CPRI-1.2G       | CPRI 1.2288 Gbit/s                                   | Disabled |
| CPRI-10.1G      | CPRI 10.1376 Gbit/s                                  | Disabled |
| CPRI-4.9G       | CPRI 4.9152 Gbit/s                                   | Disabled |
| CPRI-6.1G       | CPRI 6.144 Gbit/s                                    | Disabled |
| CPRI-9.8G       | CPRI 9.8304 Gbit/s                                   | Disabled |
| DS1-FDL         | DS1/1.5M Facility Data Link                          | Disabled |
| DSn             | Digital Signal (DS1, DS3)                            | Disabled |
| eCPRI-10G       | eCPRI over 10G Ethernet                              | Disabled |
| EoE             | Ethernet over Ethernet Encapsulation (10GE and less) | Disabled |
| EoOTN           | Ethernet over Optical Transport Network              | Disabled |
| ETH-OAM         | Carrier Ethernet OAM Test Application                | Disabled |
| FC-10X          | Fibre Channel 10X                                    | Disabled |
| FC-1X           | Fibre Channel 1X                                     | Disabled |
| FC-2X           | Fibre Channel 2X                                     | Disabled |
| FC-4X           | Fibre Channel 4X                                     | Disabled |
| FC-8X           | Fibre Channel 8X                                     | Disabled |
| GCC-BERT        | OTN Overhead BERT and Synchronization Validation     | Disabled |
| GigE_Electrical | Ethernet 1000Base-T (Electrical) Interface           | Enabled  |
| GigE_Optical    | Ethernet 1000Base-X (Optical) Interface              | Enabled  |
| iOptics         | Intelligent Pluggable Optic Test Application         | Disabled |
| iSAM            | Intelligent Service Activation Methodology           | Disabled |
| L2-Transparency | L2CP Handling Test in EtherSAM                       | Disabled |
| LINK-OAM        | Link OAM                                             | Disabled |
| MPLS            | MPLS Encapsulation (10GE and less)                   | Disabled |
| NI-CSU          | NI/CSU Emulation                                     | Disabled |
| OBSAI           | OBSAI 3.072 Gbit/s                                   | Disabled |
| OBSAI-1.5G      | OBSAI 1.536 Gbit/s                                   | Disabled |
| OBSAI-6.1G      | OBSAI 6.144 Gbit/s                                   | Disabled |
| ODU0            | OTN ODU0                                             | Disabled |
| ODUflex         | OTN ODUflex                                          | Disabled |
| ODUMUX          | ODU Multiplexing Payload Type 20 and 21              | Disabled |
| OTN-INTR-THRU   | OTN Intrusive Through Mode                           | Disabled |
| OTU1            | Optical Transport Unit-1 (2.7 Gbit/s)                | Disabled |

|            |                                                             |          |
|------------|-------------------------------------------------------------|----------|
| OTU2       | Optical Transport Unit-2 (10.7 Gbit/s)                      | Disabled |
| OTU2-1e-2e | Optical Transport Unit-2 Overclocked (11.049/11.096 Gbit/s) | Disabled |
| OTU2-1f-2f | Optical Transport Unit-2 Overclocked (11.270/11.317 Gbit/s) | Disabled |
| PBBTE      | Provider Backbone Bridge Encapsulation (10GE and less)      | Disabled |
| PDH        | Plesiochronous Digital Hierarchy (E1, E3, E4)               | Disabled |
| RFC6349    | RFC 6349 Test Application (25GE and less)                   | Disabled |
| SDH        | Synchronous Digital Hierarchy                               | Enabled  |
| SONET      | Synchronous Optical Network                                 | Enabled  |
| SyncE      | Synchronous Ethernet                                        | Disabled |
| TCM        | Tandem Connection Monitoring HO/LO                          | Disabled |
| TCP-THPUT  | Tcp Throughput Test Application                             | Disabled |
| TST-OAM    | Test Over Service OAM                                       | Disabled |

## LOGGER

| ID | Start Time        | Event                              | Duration | Details          |
|----|-------------------|------------------------------------|----------|------------------|
| 1  | 10/27 08:38:08 AM | Test Started                       |          | 2022-10-27       |
| 2  | 10/27 08:38:12 AM | Service Configuration test started |          | 2022-10-27       |
| 3  | 10/27 08:38:40 AM | Service 1 Fail                     |          | 1 Service 1      |
| 4  | 10/27 08:38:46 AM | Service Performance test started   |          | 2022-10-27       |
| 5  | 10/27 08:38:50 AM | Frame Loss                         | 00:00:02 | 524/524 S(1)     |
| 6  | 10/27 08:38:51 AM | Latency > 28.0 ms                  | 00:00:01 | 41.50281 ms S(1) |
| 7  | 10/27 08:38:55 AM | Frame Loss                         | 00:00:01 | 623/1147 S(1)    |
| 8  | 10/27 08:38:58 AM | Latency > 28.0 ms                  | 00:00:02 | 30.29723 ms S(1) |
| 9  | 10/27 08:38:59 AM | Frame Loss                         | 00:00:01 | 855/2002 S(1)    |
| 10 | 10/27 08:39:02 AM | Latency > 28.0 ms                  | 00:00:02 | 41.04076 ms S(1) |
| 11 | 10/27 08:39:03 AM | Frame Loss                         | 00:00:02 | 2238/4240 S(1)   |
| 12 | 10/27 08:39:06 AM | Frame Loss                         | 00:00:02 | 604/4844 S(1)    |
| 13 | 10/27 08:39:10 AM | Latency > 28.0 ms                  | 00:00:06 | 49.45434 ms S(1) |
| 14 | 10/27 08:39:11 AM | Frame Loss                         | 00:00:06 | 14831/19675 S(1) |
| 15 | 10/27 08:39:18 AM | Frame Loss                         | 00:00:01 | 1513/21188 S(1)  |
| 16 | 10/27 08:39:18 AM | Latency > 28.0 ms                  | 00:00:01 | 31.15562 ms S(1) |
| 17 | 10/27 08:39:23 AM | Frame Loss                         | 00:00:01 | 6/21194 S(1)     |
| 18 | 10/27 08:39:30 AM | Frame Loss                         | 00:00:01 | 8/21202 S(1)     |
| 19 | 10/27 08:39:37 AM | Frame Loss                         | 00:00:01 | 139/21341 S(1)   |

| ID | Start Time        | Event             | Duration | Details          |
|----|-------------------|-------------------|----------|------------------|
| 20 | 10/27 08:39:42 AM | Frame Loss        | 00:00:02 | 65/21406 S(1)    |
| 21 | 10/27 08:39:48 AM | Frame Loss        | 00:00:02 | 634/22040 S(1)   |
| 22 | 10/27 08:39:51 AM | Frame Loss        | 00:00:02 | 3762/25802 S(1)  |
| 23 | 10/27 08:39:52 AM | Latency > 28.0 ms | 00:00:01 | 34.85336 ms S(1) |
| 24 | 10/27 08:39:54 AM | Frame Loss        | 00:00:07 | 14895/40697 S(1) |
| 25 | 10/27 08:39:54 AM | Latency > 28.0 ms | 00:00:06 | 41.11353 ms S(1) |
| 26 | 10/27 08:40:06 AM | Frame Loss        | 00:00:01 | 1/40698 S(1)     |
| 27 | 10/27 08:40:08 AM | Frame Loss        | 00:00:02 | 443/41141 S(1)   |
| 28 | 10/27 08:40:13 AM | Frame Loss        | 00:00:01 | 3/41144 S(1)     |
| 29 | 10/27 08:40:17 AM | Frame Loss        | 00:00:01 | 13/41157 S(1)    |
| 30 | 10/27 08:40:19 AM | Frame Loss        | 00:00:03 | 525/41682 S(1)   |
| 31 | 10/27 08:40:21 AM | Latency > 28.0 ms | 00:00:01 | 28.26504 ms S(1) |
| 32 | 10/27 08:40:24 AM | Frame Loss        | 00:00:02 | 42/41724 S(1)    |
| 33 | 10/27 08:40:31 AM | Frame Loss        | 00:00:01 | 3/41727 S(1)     |
| 34 | 10/27 08:40:35 AM | Frame Loss        | 00:00:05 | 349/42076 S(1)   |
| 35 | 10/27 08:40:35 AM | Latency > 28.0 ms | 00:00:02 | 34.55675 ms S(1) |
| 36 | 10/27 08:40:45 AM | Frame Loss        | 00:00:02 | 1315/43391 S(1)  |
| 37 | 10/27 08:40:46 AM | Latency > 28.0 ms | 00:00:01 | 33.24018 ms S(1) |
| 38 | 10/27 08:40:52 AM | Frame Loss        | 00:00:02 | 4/43395 S(1)     |
| 39 | 10/27 08:40:56 AM | Frame Loss        | 00:00:02 | 636/44031 S(1)   |
| 40 | 10/27 08:40:56 AM | Latency > 28.0 ms | 00:00:01 | 28.07862 ms S(1) |
| 41 | 10/27 08:41:01 AM | Frame Loss        | 00:00:03 | 1614/45645 S(1)  |
| 42 | 10/27 08:41:01 AM | Latency > 28.0 ms | 00:00:02 | 33.45681 ms S(1) |
| 43 | 10/27 08:41:05 AM | Frame Loss        | 00:00:02 | 826/46471 S(1)   |
| 44 | 10/27 08:41:05 AM | Latency > 28.0 ms | 00:00:01 | 40.25562 ms S(1) |
| 45 | 10/27 08:41:09 AM | Frame Loss        | 00:00:01 | 6/46477 S(1)     |
| 46 | 10/27 08:41:12 AM | Frame Loss        | 00:00:01 | 1/46478 S(1)     |
| 47 | 10/27 08:41:14 AM | Frame Loss        | 00:00:04 | 2890/49368 S(1)  |
| 48 | 10/27 08:41:14 AM | Latency > 28.0 ms | 00:00:01 | 34.57897 ms S(1) |
| 49 | 10/27 08:41:16 AM | Latency > 28.0 ms | 00:00:02 | 56.66759 ms S(1) |
| 50 | 10/27 08:41:19 AM | Frame Loss        | 00:00:02 | 113/49481 S(1)   |

| ID | Start Time        | Event             | Duration | Details          |
|----|-------------------|-------------------|----------|------------------|
| 51 | 10/27 08:41:23 AM | Frame Loss        | 00:00:01 | 1571/51052 S(1)  |
| 52 | 10/27 08:41:23 AM | Latency > 28.0 ms | 00:00:01 | 38.69103 ms S(1) |
| 53 | 10/27 08:41:26 AM | Frame Loss        | 00:00:03 | 1101/52153 S(1)  |
| 54 | 10/27 08:41:26 AM | Latency > 28.0 ms | 00:00:01 | 31.38694 ms S(1) |
| 55 | 10/27 08:41:28 AM | Latency > 28.0 ms | 00:00:01 | 29.34989 ms S(1) |
| 56 | 10/27 08:41:31 AM | Frame Loss        | 00:00:01 | 1355/53508 S(1)  |
| 57 | 10/27 08:41:31 AM | Latency > 28.0 ms | 00:00:01 | 32.233 ms S(1)   |
| 58 | 10/27 08:41:36 AM | Frame Loss        | 00:00:02 | 5/53513 S(1)     |
| 59 | 10/27 08:41:37 AM | Latency > 28.0 ms | 00:00:01 | 28.33914 ms S(1) |
| 60 | 10/27 08:41:42 AM | Frame Loss        | 00:00:01 | 3/53516 S(1)     |
| 61 | 10/27 08:41:42 AM | Latency > 28.0 ms | 00:00:01 | 33.47055 ms S(1) |
| 62 | 10/27 08:41:44 AM | Frame Loss        | 00:00:01 | 1/53517 S(1)     |
| 63 | 10/27 08:41:47 AM | Frame Loss        | 00:00:02 | 7/53524 S(1)     |
| 64 | 10/27 08:41:50 AM | Frame Loss        | 00:00:04 | 5028/58552 S(1)  |
| 65 | 10/27 08:41:52 AM | Latency > 28.0 ms | 00:00:02 | 53.69188 ms S(1) |
| 66 | 10/27 08:41:55 AM | Frame Loss        | 00:00:07 | 10380/68932 S(1) |
| 67 | 10/27 08:41:56 AM | Latency > 28.0 ms | 00:00:05 | 59.57875 ms S(1) |
| 68 | 10/27 08:42:04 AM | Frame Loss        | 00:00:01 | 119/69051 S(1)   |
| 69 | 10/27 08:42:06 AM | Frame Loss        | 00:00:01 | 13/69064 S(1)    |
| 70 | 10/27 08:42:08 AM | Frame Loss        | 00:00:06 | 1791/70855 S(1)  |
| 71 | 10/27 08:42:10 AM | Latency > 28.0 ms | 00:00:01 | 33.83766 ms S(1) |
| 72 | 10/27 08:42:15 AM | Latency > 28.0 ms | 00:00:02 | 42.45885 ms S(1) |
| 73 | 10/27 08:42:16 AM | Frame Loss        | 00:00:01 | 2014/72869 S(1)  |
| 74 | 10/27 08:42:19 AM | Frame Loss        | 00:00:02 | 9/72878 S(1)     |
| 75 | 10/27 08:42:23 AM | Frame Loss        | 00:00:02 | 3102/75980 S(1)  |
| 76 | 10/27 08:42:23 AM | Latency > 28.0 ms | 00:00:01 | 45.10934 ms S(1) |
| 77 | 10/27 08:42:27 AM | Frame Loss        | 00:00:01 | 2/75982 S(1)     |
| 78 | 10/27 08:42:27 AM | Latency > 28.0 ms | 00:00:01 | 28.97758 ms S(1) |
| 79 | 10/27 08:42:30 AM | Frame Loss        | 00:00:01 | 54/76036 S(1)    |
| 80 | 10/27 08:42:39 AM | Frame Loss        | 00:00:01 | 609/76645 S(1)   |
| 81 | 10/27 08:42:39 AM | Latency > 28.0 ms | 00:00:01 | 31.44214 ms S(1) |

| ID  | Start Time        | Event             | Duration | Details          |
|-----|-------------------|-------------------|----------|------------------|
| 82  | 10/27 08:42:41 AM | Frame Loss        | 00:00:01 | 3346/79991 S(1)  |
| 83  | 10/27 08:42:41 AM | Latency > 28.0 ms | 00:00:01 | 52.31923 ms S(1) |
| 84  | 10/27 08:42:43 AM | Frame Loss        | 00:00:01 | 3/79994 S(1)     |
| 85  | 10/27 08:42:47 AM | Frame Loss        | 00:00:02 | 943/80937 S(1)   |
| 86  | 10/27 08:42:50 AM | Frame Loss        | 00:00:01 | 6/80943 S(1)     |
| 87  | 10/27 08:42:52 AM | Frame Loss        | 00:00:02 | 32/80975 S(1)    |
| 88  | 10/27 08:42:52 AM | Latency > 28.0 ms | 00:00:01 | 35.79865 ms S(1) |
| 89  | 10/27 08:42:56 AM | Frame Loss        | 00:00:01 | 1/80976 S(1)     |
| 90  | 10/27 08:42:59 AM | Frame Loss        | 00:00:01 | 3/80979 S(1)     |
| 91  | 10/27 08:43:02 AM | Frame Loss        | 00:00:01 | 4/80983 S(1)     |
| 92  | 10/27 08:43:05 AM | Frame Loss        | 00:00:07 | 3916/84899 S(1)  |
| 93  | 10/27 08:43:05 AM | Latency > 28.0 ms | 00:00:03 | 55.28332 ms S(1) |
| 94  | 10/27 08:43:09 AM | Latency > 28.0 ms | 00:00:01 | 35.28148 ms S(1) |
| 95  | 10/27 08:43:11 AM | Latency > 28.0 ms | 00:00:01 | 35.70391 ms S(1) |
| 96  | 10/27 08:43:15 AM | Frame Loss        | 00:00:04 | 77/84976 S(1)    |
| 97  | 10/27 08:43:20 AM | Frame Loss        | 00:00:06 | 3626/88602 S(1)  |
| 98  | 10/27 08:43:20 AM | Latency > 28.0 ms | 00:00:02 | 48.35585 ms S(1) |
| 99  | 10/27 08:43:23 AM | Latency > 28.0 ms | 00:00:01 | 28.8764 ms S(1)  |
| 100 | 10/27 08:43:27 AM | Frame Loss        | 00:00:02 | 457/89059 S(1)   |
| 101 | 10/27 08:43:30 AM | Frame Loss        | 00:00:03 | 680/89739 S(1)   |
| 102 | 10/27 08:43:30 AM | Latency > 28.0 ms | 00:00:01 | 29.05121 ms S(1) |
| 103 | 10/27 08:43:35 AM | Frame Loss        | 00:00:09 | 8430/98169 S(1)  |
| 104 | 10/27 08:43:36 AM | Latency > 28.0 ms | 00:00:08 | 90.33377 ms S(1) |
| 105 | 10/27 08:43:47 AM | Frame Loss        | 00:00:04 | 322/98491 S(1)   |
| 106 | 10/27 08:43:58 AM | Frame Loss        | 00:00:04 | 2883/101374 S(1) |
| 107 | 10/27 08:44:00 AM | Latency > 28.0 ms | 00:00:01 | 36.51418 ms S(1) |
| 108 | 10/27 08:44:07 AM | Frame Loss        | 00:00:01 | 4/101378 S(1)    |
| 109 | 10/27 08:44:10 AM | Latency > 28.0 ms | 00:00:02 | 39.18355 ms S(1) |
| 110 | 10/27 08:44:11 AM | Frame Loss        | 00:00:01 | 1160/102538 S(1) |
| 111 | 10/27 08:44:13 AM | Frame Loss        | 00:00:01 | 608/103146 S(1)  |
| 112 | 10/27 08:44:18 AM | Frame Loss        | 00:00:01 | 2403/105549 S(1) |

| ID  | Start Time        | Event             | Duration | Details          |
|-----|-------------------|-------------------|----------|------------------|
| 113 | 10/27 08:44:18 AM | Latency > 28.0 ms | 00:00:01 | 42.57717 ms S(1) |
| 114 | 10/27 08:44:21 AM | Frame Loss        | 00:00:06 | 291/105840 S(1)  |
| 115 | 10/27 08:44:28 AM | Frame Loss        | 00:00:03 | 190/106030 S(1)  |
| 116 | 10/27 08:44:37 AM | Frame Loss        | 00:00:01 | 1/106031 S(1)    |
| 117 | 10/27 08:44:39 AM | Frame Loss        | 00:00:02 | 264/106295 S(1)  |
| 118 | 10/27 08:44:39 AM | Latency > 28.0 ms | 00:00:01 | 28.56909 ms S(1) |
| 119 | 10/27 08:44:46 AM | Frame Loss        | 00:00:01 | 34/106329 S(1)   |
| 120 | 10/27 08:44:46 AM | Latency > 28.0 ms | 00:00:01 | 29.31103 ms S(1) |
| 121 | 10/27 08:44:49 AM | Frame Loss        | 00:00:03 | 509/106838 S(1)  |
| 122 | 10/27 08:44:54 AM | Frame Loss        | 00:00:01 | 395/107233 S(1)  |
| 123 | 10/27 08:44:54 AM | Latency > 28.0 ms | 00:00:01 | 31.64872 ms S(1) |
| 124 | 10/27 08:44:56 AM | Frame Loss        | 00:00:03 | 1405/108638 S(1) |
| 125 | 10/27 08:44:58 AM | Latency > 28.0 ms | 00:00:01 | 33.13498 ms S(1) |
| 126 | 10/27 08:45:00 AM | Latency > 28.0 ms | 00:00:03 | 38.74077 ms S(1) |
| 127 | 10/27 08:45:01 AM | Frame Loss        | 00:00:05 | 5997/114635 S(1) |
| 128 | 10/27 08:45:04 AM | Latency > 28.0 ms | 00:00:02 | 43.24827 ms S(1) |
| 129 | 10/27 08:45:07 AM | Frame Loss        | 00:00:06 | 2592/117227 S(1) |
| 130 | 10/27 08:45:08 AM | Latency > 28.0 ms | 00:00:01 | 39.15347 ms S(1) |
| 131 | 10/27 08:45:11 AM | Latency > 28.0 ms | 00:00:01 | 28.95489 ms S(1) |
| 132 | 10/27 08:45:16 AM | Frame Loss        | 00:00:01 | 2113/119340 S(1) |
| 133 | 10/27 08:45:16 AM | Latency > 28.0 ms | 00:00:01 | 35.88408 ms S(1) |
| 134 | 10/27 08:45:19 AM | Frame Loss        | 00:00:04 | 21/119361 S(1)   |
| 135 | 10/27 08:45:24 AM | Frame Loss        | 00:00:02 | 5386/124747 S(1) |
| 136 | 10/27 08:45:24 AM | Latency > 28.0 ms | 00:00:02 | 79.21579 ms S(1) |
| 137 | 10/27 08:45:28 AM | Frame Loss        | 00:00:03 | 416/125163 S(1)  |
| 138 | 10/27 08:45:33 AM | Frame Loss        | 00:00:01 | 22/125185 S(1)   |
| 139 | 10/27 08:45:36 AM | Frame Loss        | 00:00:02 | 2060/127245 S(1) |
| 140 | 10/27 08:45:36 AM | Latency > 28.0 ms | 00:00:01 | 42.57872 ms S(1) |
| 141 | 10/27 08:45:39 AM | Frame Loss        | 00:00:03 | 283/127528 S(1)  |
| 142 | 10/27 08:45:44 AM | Frame Loss        | 00:00:01 | 1131/128659 S(1) |
| 143 | 10/27 08:45:44 AM | Latency > 28.0 ms | 00:00:01 | 29.33844 ms S(1) |

| ID  | Start Time        | Event             | Duration | Details          |
|-----|-------------------|-------------------|----------|------------------|
| 144 | 10/27 08:45:48 AM | Frame Loss        | 00:00:01 | 1743/130402 S(1) |
| 145 | 10/27 08:45:48 AM | Latency > 28.0 ms | 00:00:01 | 40.18683 ms S(1) |
| 146 | 10/27 08:45:52 AM | Frame Loss        | 00:00:01 | 228/130630 S(1)  |
| 147 | 10/27 08:45:54 AM | Frame Loss        | 00:00:01 | 850/131480 S(1)  |
| 148 | 10/27 08:45:54 AM | Latency > 28.0 ms | 00:00:01 | 30.52484 ms S(1) |
| 149 | 10/27 08:45:56 AM | Frame Loss        | 00:00:01 | 1/131481 S(1)    |
| 150 | 10/27 08:46:00 AM | Frame Loss        | 00:00:01 | 5/131486 S(1)    |
| 151 | 10/27 08:46:04 AM | Frame Loss        | 00:00:01 | 319/131805 S(1)  |
| 152 | 10/27 08:46:06 AM | Frame Loss        | 00:00:07 | 2996/134801 S(1) |
| 153 | 10/27 08:46:06 AM | Latency > 28.0 ms | 00:00:01 | 39.31478 ms S(1) |
| 154 | 10/27 08:46:16 AM | Frame Loss        | 00:00:02 | 111/134912 S(1)  |
| 155 | 10/27 08:46:16 AM | Latency > 28.0 ms | 00:00:02 | 42.82293 ms S(1) |
| 156 | 10/27 08:46:20 AM | Frame Loss        | 00:00:02 | 837/135749 S(1)  |
| 157 | 10/27 08:46:24 AM | Frame Loss        | 00:00:01 | 927/136676 S(1)  |
| 158 | 10/27 08:46:28 AM | Frame Loss        | 00:00:01 | 381/137057 S(1)  |
| 159 | 10/27 08:46:28 AM | Latency > 28.0 ms | 00:00:01 | 28.01782 ms S(1) |
| 160 | 10/27 08:46:31 AM | Frame Loss        | 00:00:01 | 1/137058 S(1)    |
| 161 | 10/27 08:46:32 AM | Latency > 28.0 ms | 00:00:02 | 40.03534 ms S(1) |
| 162 | 10/27 08:46:33 AM | Frame Loss        | 00:00:02 | 500/137558 S(1)  |
| 163 | 10/27 08:46:36 AM | Frame Loss        | 00:00:02 | 84/137642 S(1)   |
| 164 | 10/27 08:46:39 AM | Frame Loss        | 00:00:06 | 2247/139889 S(1) |
| 165 | 10/27 08:46:41 AM | Latency > 28.0 ms | 00:00:03 | 38.3646 ms S(1)  |
| 166 | 10/27 08:46:48 AM | Frame Loss        | 00:00:01 | 877/140766 S(1)  |
| 167 | 10/27 08:46:48 AM | Latency > 28.0 ms | 00:00:01 | 34.37895 ms S(1) |
| 168 | 10/27 08:46:52 AM | Frame Loss        | 00:00:01 | 2452/143218 S(1) |
| 169 | 10/27 08:46:52 AM | Latency > 28.0 ms | 00:00:01 | 37.47061 ms S(1) |
| 170 | 10/27 08:46:54 AM | Frame Loss        | 00:00:01 | 5/143223 S(1)    |
| 171 | 10/27 08:46:56 AM | Latency > 28.0 ms | 00:00:04 | 40.37452 ms S(1) |
| 172 | 10/27 08:46:57 AM | Frame Loss        | 00:00:03 | 5962/149185 S(1) |
| 173 | 10/27 08:47:04 AM | Frame Loss        | 00:00:02 | 1189/150374 S(1) |
| 174 | 10/27 08:47:05 AM | Latency > 28.0 ms | 00:00:01 | 31.57074 ms S(1) |

| ID  | Start Time        | Event             | Duration | Details          |
|-----|-------------------|-------------------|----------|------------------|
| 175 | 10/27 08:47:07 AM | Frame Loss        | 00:00:03 | 2483/152857 S(1) |
| 176 | 10/27 08:47:08 AM | Latency > 28.0 ms | 00:00:01 | 40.88985 ms S(1) |
| 177 | 10/27 08:47:12 AM | Frame Loss        | 00:00:01 | 228/153085 S(1)  |
| 178 | 10/27 08:47:12 AM | Latency > 28.0 ms | 00:00:01 | 31.3429 ms S(1)  |
| 179 | 10/27 08:47:18 AM | Frame Loss        | 00:00:01 | 752/153837 S(1)  |
| 180 | 10/27 08:47:18 AM | Latency > 28.0 ms | 00:00:02 | 28.5045 ms S(1)  |
| 181 | 10/27 08:47:20 AM | Frame Loss        | 00:00:01 | 9/153846 S(1)    |
| 182 | 10/27 08:47:24 AM | Frame Loss        | 00:00:03 | 3223/157069 S(1) |
| 183 | 10/27 08:47:24 AM | Latency > 28.0 ms | 00:00:02 | 47.15103 ms S(1) |
| 184 | 10/27 08:47:28 AM | Frame Loss        | 00:00:01 | 297/157366 S(1)  |
| 185 | 10/27 08:47:28 AM | Latency > 28.0 ms | 00:00:01 | 31.56553 ms S(1) |
| 186 | 10/27 08:47:31 AM | Latency > 28.0 ms | 00:00:03 | 80.55075 ms S(1) |
| 187 | 10/27 08:47:32 AM | Frame Loss        | 00:00:02 | 7949/165315 S(1) |
| 188 | 10/27 08:47:36 AM | Frame Loss        | 00:00:01 | 18/165333 S(1)   |
| 189 | 10/27 08:47:36 AM | Latency > 28.0 ms | 00:00:01 | 31.25824 ms S(1) |
| 190 | 10/27 08:47:40 AM | Frame Loss        | 00:00:02 | 9/165342 S(1)    |
| 191 | 10/27 08:47:41 AM | Latency > 28.0 ms | 00:00:03 | 40.18772 ms S(1) |
| 192 | 10/27 08:47:43 AM | Frame Loss        | 00:00:01 | 67/165409 S(1)   |
| 193 | 10/27 08:47:45 AM | Frame Loss        | 00:00:09 | 9790/175199 S(1) |
| 194 | 10/27 08:47:48 AM | Latency > 28.0 ms | 00:00:05 | 75.7731 ms S(1)  |
| 195 | 10/27 08:47:54 AM | Latency > 28.0 ms | 00:00:01 | 39.30163 ms S(1) |
| 196 | 10/27 08:47:55 AM | Frame Loss        | 00:00:03 | 5261/180460 S(1) |
| 197 | 10/27 08:47:56 AM | Latency > 28.0 ms | 00:00:02 | 58.6791 ms S(1)  |
| 198 | 10/27 08:47:59 AM | Latency > 28.0 ms | 00:00:07 | 93.51779 ms S(1) |
| 199 | 10/27 08:48:00 AM | Frame Loss        | 00:00:06 | 6055/186515 S(1) |
| 200 | 10/27 08:48:08 AM | Frame Loss        | 00:00:01 | 3319/189834 S(1) |
| 201 | 10/27 08:48:08 AM | Latency > 28.0 ms | 00:00:01 | 47.72745 ms S(1) |
| 202 | 10/27 08:48:10 AM | Frame Loss        | 00:00:01 | 30/189864 S(1)   |
| 203 | 10/27 08:48:12 AM | Frame Loss        | 00:00:02 | 8/189872 S(1)    |
| 204 | 10/27 08:48:16 AM | Frame Loss        | 00:00:02 | 1093/190965 S(1) |
| 205 | 10/27 08:48:17 AM | Latency > 28.0 ms | 00:00:01 | 30.68482 ms S(1) |

| ID  | Start Time        | Event                  | Duration | Details                                                                                           |
|-----|-------------------|------------------------|----------|---------------------------------------------------------------------------------------------------|
| 206 | 10/27 08:48:20 AM | Frame Loss             | 00:00:01 | 1177/192142 S(1)                                                                                  |
| 207 | 10/27 08:48:20 AM | Latency > 28.0 ms      | 00:00:01 | 29.59584 ms S(1)                                                                                  |
| 208 | 10/27 08:48:24 AM | Frame Loss             | 00:00:02 | 746/192888 S(1)                                                                                   |
| 209 | 10/27 08:48:24 AM | Latency > 28.0 ms      | 00:00:01 | 28.07527 ms S(1)                                                                                  |
| 210 | 10/27 08:48:27 AM | Frame Loss             | 00:00:02 | 209/193097 S(1)                                                                                   |
| 211 | 10/27 08:48:30 AM | Frame Loss             | 00:00:05 | 6458/199555 S(1)                                                                                  |
| 212 | 10/27 08:48:30 AM | Latency > 28.0 ms      | 00:00:05 | 52.37816 ms S(1)                                                                                  |
| 213 | 10/27 08:48:36 AM | Frame Loss             | 00:00:02 | 4796/204351 S(1)                                                                                  |
| 214 | 10/27 08:48:36 AM | Latency > 28.0 ms      | 00:00:02 | 60.47219 ms S(1)                                                                                  |
| 215 | 10/27 08:48:40 AM | Frame Loss             | 00:00:17 | 8376/212727 S(1)                                                                                  |
| 216 | 10/27 08:48:40 AM | Latency > 28.0 ms      | 00:00:06 | 74.52938 ms S(1)                                                                                  |
| 217 | 10/27 08:48:47 AM | Latency > 28.0 ms      | 00:00:01 | 44.32806 ms S(1)                                                                                  |
| 218 | 10/27 08:48:56 AM | RX Rate < 950.0 Mbit/s | 00:00:01 | 948.17 Mbit/s S(1)                                                                                |
| 219 | 10/27 08:48:56 AM | Frame Loss > 1.0E-04   | 00:00:01 | 2.4E-03 S(1)                                                                                      |
| 220 | 10/27 08:48:56 AM | Service 1 Fail         |          | 1 Service 1                                                                                       |
| 221 | 10/27 08:48:56 AM | Test Stopped           |          |  <b>FAIL</b> |