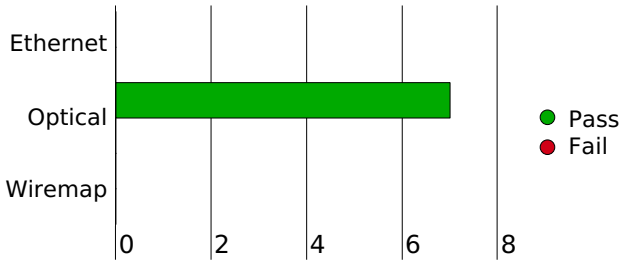


Project Name: Demo Test
 Operator: Default Engineer
 Contractor Name: Demo Customer
 Phone: 512.257.1433
 Email: austin@bcs-ip.com
 Address: Austin | Texas | 78613 | United States of America

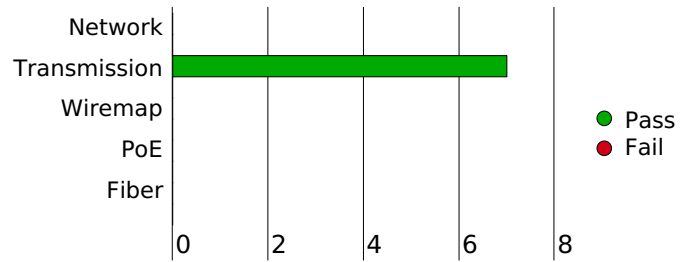
Main Unit
 S/N: 15711203/24260001
 SW/Ver: 4.2.0
Remote Unit
 S/N: 15711303/24260009
 SW/Ver: 16.39-2.1
Report Version
 1.23.0

Demo Test Results Summary

Ports Summary



SubTests Summary



Test Name	Result	Date (mm/dd/yyyy)	Port M / R	Network					Transmission					PoELoad	Wiremap	Fiber Length & Loss		
				Ping4	Ping6	TraceRoute4	TraceRoute6	NetScan	Max Throughput	Uptime	Custom Data	Cable Data	Web Data				VoIP Data	Video Data
Test2	✓	10/31/2024	SFP / SFP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Test4	✓	10/31/2024	SFP / SFP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Test5	✓	10/31/2024	SFP / SFP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Test6	✓	10/31/2024	SFP / SFP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Test7	✓	11/04/2024	SFP / SFP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Test8	✓	11/04/2024	SFP / SFP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Test1	✓	11/04/2024	SFP / SFP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Job notes:

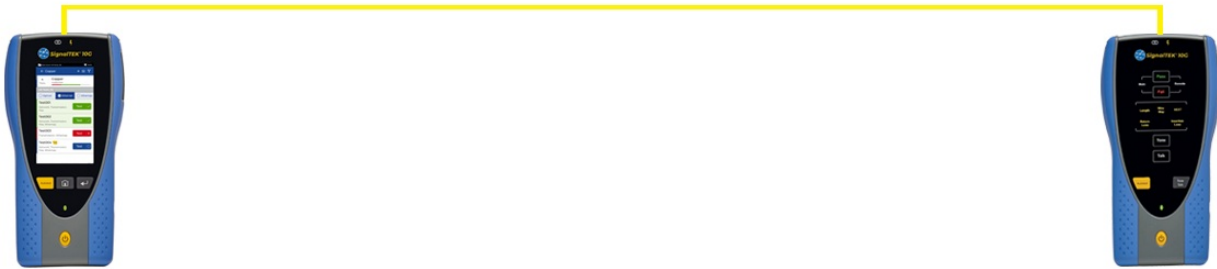


Project Name: Demo Test
 Test Date/Time: 10/31/2024 07:25:34 AM
 Contractor Name: Demo Customer
 Metadata Fields:

Main Unit
 S/N: 15711203/24260001
 SW/V: 4.2.0

Remote Unit
 S/N: 15711303/24260009
 SW/V: 16.39-2.1

Operation Mode: Basic Mode / Qualify-Cable



Main Unit	
Port	SFP
Line Rate	10Gb/s FD
Vendor Info	OEM
Part No.	SFP-10G-LR
Wavelength (nm)	1310nm SM (MM)
Module	SFP+
SFP Tx Power(dBm)	-2.07
SFP Rx Power(dBm)	-1.66
SFP Temp (°C / °F)	42.09 / 107.76
Rx min power limit (dBm)	-9.9
Rx max power limit (dBm)	-1.0
MAC	00:16:06:90:79:60
Tagged VLAN ID	-
IPv4	
IPv6	

Remote Unit	
Port	SFP
Line Rate	10Gb/s FD
Vendor Info	OEM
Part No.	SFP-10G-LR
Wavelength (nm)	1310nm SM (MM)
Module	SFP+
SFP Tx Power(dBm)	-2.00
SFP Rx Power(dBm)	-2.01
SFP Temp (°C / °F)	47.21 / 116.99
Rx min power limit (dBm)	-9.9
Rx max power limit (dBm)	-1.0
MAC	00:16:06:90:1a:3f

Cable Data

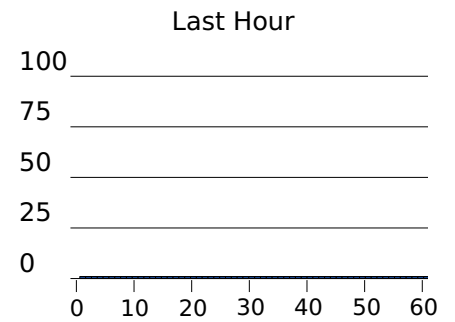
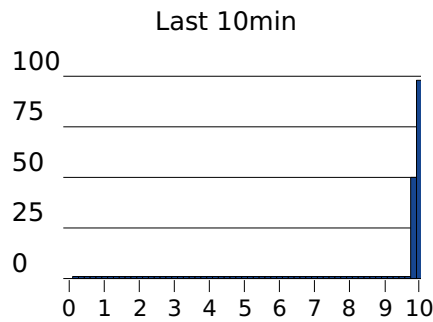
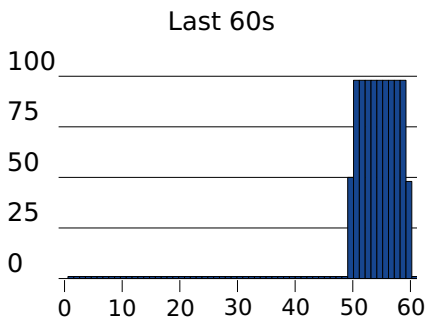
Results

Test status	PASSED		
Start - End Time (mm/dd/yyyy hh:mm:ss)	10/31/2024 07:25:10 AM - 07:25:25 AM		
Elapsed Time (hh:mm:ss)	00:00:15		
Tx Frames	8127430		
Rx Frames	8127430		
Error Frames	0		
Total Bandwidth (Gb/s)	10		
Test Standard	802.3ae* (10Gb/s)		
	min	avg	max
Propagation Delay (RTT - Round Trip Time) (µs)	3.482	3.488	3.501
Jitter (ns)	0.000	0.000	12.800
	Pair 1-2	3-6	4-5
Delay Skew (ns)	-	-	-
SNR Margin (dB)	-	-	-

Setup

Line Rate	10G
Frame Size (bytes)	1518
Frame Loss Limit (Count)	0
Duration (hh:mm:ss)	00:00:10
IEEE.802.3	Enabled

Line Utilization %



MAC Statistics

Utilization	
Unicast	8.12753e+6
Broadcast	1
Multicasts	0
Total Rx Frames	8.12753e+6
Total Rx Bytes	1.23374e+10
Frame Errors	0
Max Frames per Second	812744
Current Data Rate	0 b/s
Average Data Rate	939.9959 Mb/s
Max Data Rate	9.8700 Gb/s
Current Utilization	0.000%
Average Utilization	9.400%
Max Utilization	98.700%

Size	
< 64	0
64 - 127	100
128 - 255	0
256 - 511	0
512 - 1023	0
1024 - 1279	0
1280 - 1518	8127430
1519 - 1522	0
> 1522	0
Errors	
Bad FCS	0
Undersized Frames	0
Oversized Frames	0
Jabbers	0
Bad Length	0



Project Name: Demo Test
 Test Date/Time: 10/31/2024 01:43:07 PM
 Contractor Name: Demo Customer
 Metadata Fields:

Main Unit
 S/N: 15711203/24260001
 SW/V: 4.2.0

Remote Unit
 S/N: 15711303/24260009
 SW/V: 16.39-2.1

Operation Mode: Basic Mode / Qualify-Cable



Main Unit	
Port	SFP
Line Rate	1Gb/s FD
Vendor Info	OEM
Part No.	SFP-10G-LR
Wavelength (nm)	1310nm SM
Module	SFP+
SFP Tx Power(dBm)	-2.07
SFP Rx Power(dBm)	-1.64
SFP Temp (°C / °F)	46.79 / 116.23
Rx min power limit (dBm)	-9.9
Rx max power limit (dBm)	-1.0
MAC	00:16:06:90:79:60
Tagged VLAN ID	-
IPv4	
IPv6	

Remote Unit	
Port	SFP
Line Rate	1Gb/s FD
Vendor Info	OEM
Part No.	SFP-10G-LR
Wavelength (nm)	1310nm SM
Module	SFP+
SFP Tx Power(dBm)	-2.08
SFP Rx Power(dBm)	-2.01
SFP Temp (°C / °F)	51.06 / 123.91
Rx min power limit (dBm)	-9.9
Rx max power limit (dBm)	-1.0
MAC	00:16:06:90:1a:3f

Cable Data

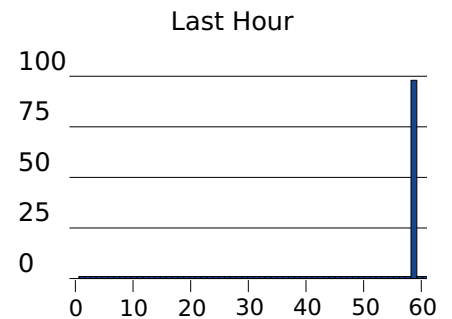
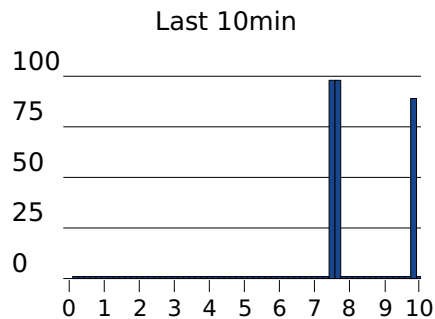
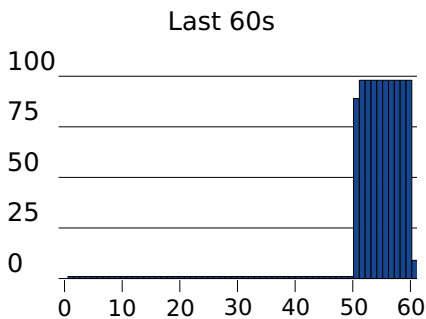
Results

Test status	PASSED		
Start - End Time (mm/dd/yyyy hh:mm:ss)	10/31/2024 01:42:45 PM - 01:43:00 PM		
Elapsed Time (hh:mm:ss)	00:00:15		
Tx Frames	812740		
Rx Frames	812740		
Error Frames	0		
Total Bandwidth (Gb/s)	1		
Test Standard	802.3z* (1Gb/s)		
	min	avg	max
Propagation Delay (RTT - Round Trip Time) (µs)	24.784	24.784	24.800
Jitter (ns)	0.000	0.000	16.000
	Pair 1-2	3-6	4-5
Delay Skew (ns)	-	-	-
SNR Margin (dB)	-	-	-

Setup

Line Rate	1G
Frame Size (bytes)	1518
Frame Loss Limit (Count)	0
Duration (hh:mm:ss)	00:00:10
IEEE.802.3	Enabled

Line Utilization %



MAC Statistics

Utilization	
Unicast	8.12821e+5
Broadcast	1
Multicasts	0
Total Rx Frames	8.12822e+5
Total Rx Bytes	1.23375e+9
Frame Errors	0
Max Frames per Second	81275
Current Data Rate	92.9259 Mb/s
Average Data Rate	109.6662 Mb/s
Max Data Rate	987.0036 Mb/s
Current Utilization	9.293%
Average Utilization	10.967%
Max Utilization	98.700%

Size	
< 64	0
64 - 127	82
128 - 255	0
256 - 511	0
512 - 1023	0
1024 - 1279	0
1280 - 1518	812740
1519 - 1522	0
> 1522	0
Errors	
Bad FCS	0
Undersized Frames	0
Oversized Frames	0
Jabbers	0
Bad Length	0

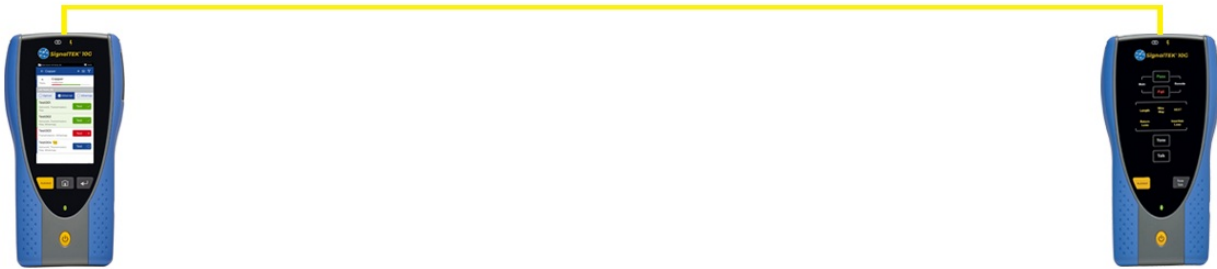


Project Name: Demo Test
 Test Date/Time: 10/31/2024 03:24:40 PM
 Contractor Name: Demo Customer
 Metadata Fields:

Main Unit
 S/N: 15711203/24260001
 SW/V: 4.2.0

Remote Unit
 S/N: 15711303/24260009
 SW/V: 16.39-2.1

Operation Mode: Basic Mode / Qualify-Cable



Main Unit	
Port	SFP
Line Rate	1Gb/s FD
Vendor Info	OEM
Part No.	SFP-10G-LR
Wavelength (nm)	1310nm SM
Module	SFP+
SFP Tx Power(dBm)	-2.01
SFP Rx Power(dBm)	-1.51
SFP Temp (°C / °F)	46.79 / 116.23
Rx min power limit (dBm)	-9.9
Rx max power limit (dBm)	-1.0
MAC	00:16:06:90:79:60
Tagged VLAN ID	-
IPv4	
IPv6	

Remote Unit	
Port	SFP
Line Rate	1Gb/s FD
Vendor Info	OEM
Part No.	SFP-10G-LR
Wavelength (nm)	1310nm SM
Module	SFP+
SFP Tx Power(dBm)	-1.98
SFP Rx Power(dBm)	-1.96
SFP Temp (°C / °F)	48.93 / 120.07
Rx min power limit (dBm)	-9.9
Rx max power limit (dBm)	-1.0
MAC	00:16:06:90:1a:3f

Cable Data

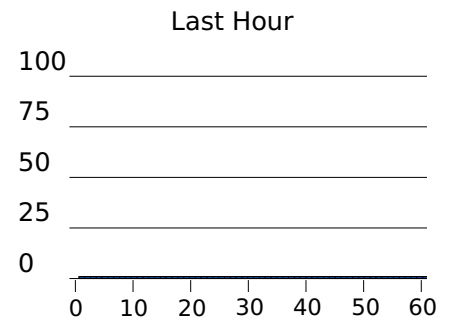
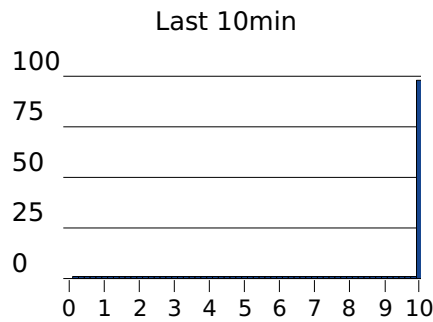
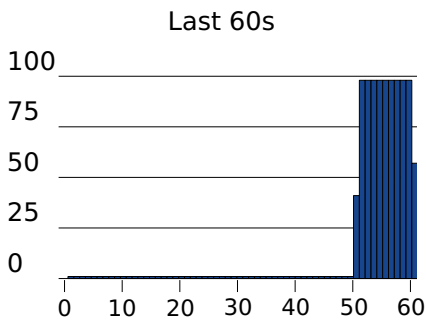
Results

Test status	PASSED		
Start - End Time (mm/dd/yyyy hh:mm:ss)	10/31/2024 03:24:15 PM - 03:24:30 PM		
Elapsed Time (hh:mm:ss)	00:00:15		
Tx Frames	812740		
Rx Frames	812740		
Error Frames	0		
Total Bandwidth (Gb/s)	1		
Test Standard	802.3z* (1Gb/s)		
	min	avg	max
Propagation Delay (RTT - Round Trip Time) (µs)	24.784	24.784	24.800
Jitter (ns)	0.000	0.000	16.000
	Pair 1-2	3-6	4-5
Delay Skew (ns)	-	-	-
SNR Margin (dB)	-	-	-

Setup

Line Rate	1G
Frame Size (bytes)	1518
Frame Loss Limit (Count)	0
Duration (hh:mm:ss)	00:00:10
IEEE.802.3	Enabled

Line Utilization %



MAC Statistics

Utilization	
Unicast	1.63164e+6
Broadcast	1
Multicasts	0
Total Rx Frames	1.63164e+6
Total Rx Bytes	2.46791e+9
Frame Errors	0
Max Frames per Second	81275
Current Data Rate	544 b/s
Average Data Rate	3.1947 Mb/s
Max Data Rate	987.0036 Mb/s
Current Utilization	0.000%
Average Utilization	0.319%
Max Utilization	98.700%

Size	
< 64	0
64 - 127	6163
128 - 255	0
256 - 511	0
512 - 1023	0
1024 - 1279	0
1280 - 1518	1625480
1519 - 1522	0
> 1522	0
Errors	
Bad FCS	0
Undersized Frames	0
Oversized Frames	0
Jabbers	0
Bad Length	0



Project Name: Demo Test
 Test Date/Time: 10/31/2024 03:30:10 PM
 Contractor Name: Demo Customer
 Metadata Fields:

Main Unit
 S/N: 15711203/24260001
 SW/V: 4.2.0

Remote Unit
 S/N: 15711303/24260009
 SW/V: 16.39-2.1

Operation Mode: Basic Mode / Qualify-Cable



Main Unit	
Port	SFP
Line Rate	10Gb/s FD
Vendor Info	OEM
Part No.	SFP-10G-LR
Wavelength (nm)	1310nm SM (MM)
Module	SFP+
SFP Tx Power(dBm)	-2.11
SFP Rx Power(dBm)	-1.61
SFP Temp (°C / °F)	41.66 / 106.99
Rx min power limit (dBm)	-9.9
Rx max power limit (dBm)	-1.0
MAC	00:16:06:90:79:60
Tagged VLAN ID	-
IPv4	
IPv6	

Remote Unit	
Port	SFP
Line Rate	10Gb/s FD
Vendor Info	OEM
Part No.	SFP-10G-LR
Wavelength (nm)	1310nm SM (MM)
Module	SFP+
SFP Tx Power(dBm)	-2.02
SFP Rx Power(dBm)	-1.98
SFP Temp (°C / °F)	50.64 / 123.15
Rx min power limit (dBm)	-9.9
Rx max power limit (dBm)	-1.0
MAC	00:16:06:90:1a:3f

Cable Data

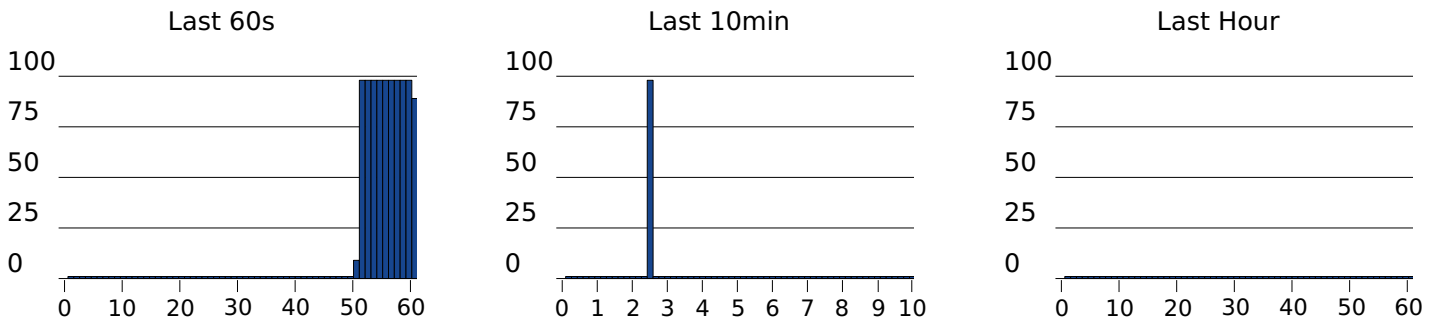
Results

Test status	PASSED		
Start - End Time (mm/dd/yyyy hh:mm:ss)	10/31/2024 03:28:17 PM - 03:28:32 PM		
Elapsed Time (hh:mm:ss)	00:00:15		
Tx Frames	8127430		
Rx Frames	8127430		
Error Frames	0		
Total Bandwidth (Gb/s)	10		
Test Standard	802.3ae* (10Gb/s)		
	min	avg	max
Propagation Delay (RTT - Round Trip Time) (µs)	3.475	3.482	3.494
Jitter (ns)	0.000	0.000	12.800
Pair	1-2	3-6	4-5
Delay Skew (ns)	-	-	-
SNR Margin (dB)	-	-	-

Setup

Line Rate	10G
Frame Size (bytes)	1518
Frame Loss Limit (Count)	0
Duration (hh:mm:ss)	00:00:10
IEEE.802.3	Enabled

Line Utilization %



MAC Statistics

Utilization	
Unicast	8.12744e+6
Broadcast	1
Multicasts	0
Total Rx Frames	8.12744e+6
Total Rx Bytes	1.23374e+10
Frame Errors	0
Max Frames per Second	812744
Current Data Rate	8.9673 Gb/s
Average Data Rate	5.1947 Gb/s
Max Data Rate	9.8700 Gb/s
Current Utilization	89.673%
Average Utilization	51.947%
Max Utilization	98.700%

Size	
< 64	0
64 - 127	12
128 - 255	0
256 - 511	0
512 - 1023	0
1024 - 1279	0
1280 - 1518	8127430
1519 - 1522	0
> 1522	0
Errors	
Bad FCS	0
Undersized Frames	0
Oversized Frames	0
Jabbers	0
Bad Length	0



Project Name: Demo Test
 Test Date/Time: 11/04/2024 07:37:46 PM
 Contractor Name: Demo Customer
 Metadata Fields:

Main Unit
 S/N: 15711203/24260001
 SW/V: 4.2.0

Remote Unit
 S/N: 15711303/24260009
 SW/V: 16.39-2.1

Operation Mode: Basic Mode / Qualify-Cable



Main Unit	
Port	SFP
Line Rate	10Gb/s FD
Vendor Info	OEM
Part No.	SFP-10G-LR
Wavelength (nm)	1310nm SM (MM)
Module	SFP+
SFP Tx Power(dBm)	-2.14
SFP Rx Power(dBm)	-2.15
SFP Temp (°C / °F)	25.84 / 78.50
Rx min power limit (dBm)	-9.9
Rx max power limit (dBm)	-1.0
MAC	00:16:06:90:79:60
Tagged VLAN ID	-
IPv4	
IPv6	

Remote Unit	
Port	SFP
Line Rate	10Gb/s FD
Vendor Info	OEM
Part No.	SFP-10G-LR
Wavelength (nm)	1310nm SM (MM)
Module	SFP+
SFP Tx Power(dBm)	-2.02
SFP Rx Power(dBm)	-2.38
SFP Temp (°C / °F)	35.24 / 95.43
Rx min power limit (dBm)	-9.9
Rx max power limit (dBm)	-1.0
MAC	00:16:06:90:1a:3f

Cable Data

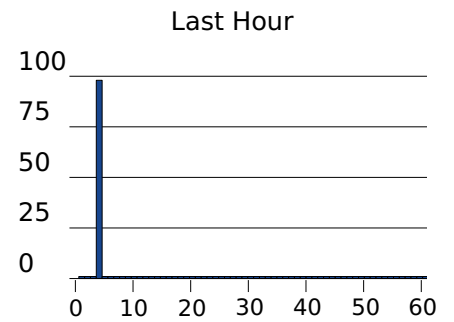
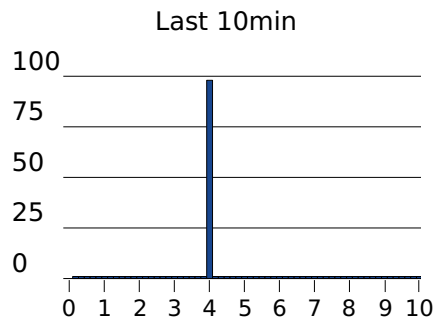
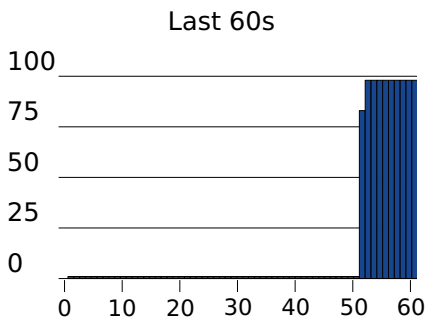
Results

Test status	PASSED		
Start - End Time (mm/dd/yyyy hh:mm:ss)	11/04/2024 07:37:14 PM - 07:37:30 PM		
Elapsed Time (hh:mm:ss)	00:00:16		
Tx Frames	8127430		
Rx Frames	8127430		
Error Frames	0		
Total Bandwidth (Gb/s)	10		
Test Standard	802.3ae* (10Gb/s)		
	min	avg	max
Propagation Delay (RTT - Round Trip Time) (µs)	3.475	3.482	3.494
Jitter (ns)	0.000	0.000	12.800
Pair	1-2	3-6	4-5
Delay Skew (ns)	-	-	-
SNR Margin (dB)	-	-	-

Setup

Line Rate	10G
Frame Size (bytes)	1518
Frame Loss Limit (Count)	0
Duration (hh:mm:ss)	00:00:10
IEEE.802.3	Enabled

Line Utilization %



MAC Statistics

Utilization	
Unicast	8.12744e+6
Broadcast	1
Multicasts	0
Total Rx Frames	8.12744e+6
Total Rx Bytes	1.23374e+10
Frame Errors	0
Max Frames per Second	812744
Current Data Rate	544 b/s
Average Data Rate	4.7000 Gb/s
Max Data Rate	9.8700 Gb/s
Current Utilization	0.000%
Average Utilization	47.000%
Max Utilization	98.700%

Size	
< 64	0
64 - 127	13
128 - 255	0
256 - 511	0
512 - 1023	0
1024 - 1279	0
1280 - 1518	8127430
1519 - 1522	0
> 1522	0
Errors	
Bad FCS	0
Undersized Frames	0
Oversized Frames	0
Jabbers	0
Bad Length	0

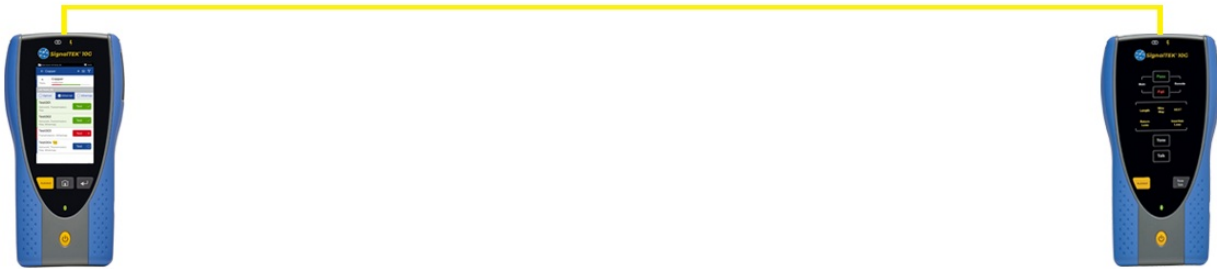


Project Name: Demo Test
 Test Date/Time: 11/04/2024 07:39:02 PM
 Contractor Name: Demo Customer
 Metadata Fields:

Main Unit
 S/N: 15711203/24260001
 SW/V: 4.2.0

Remote Unit
 S/N: 15711303/24260009
 SW/V: 16.39-2.1

Operation Mode: Basic Mode / Qualify-Cable



Main Unit	
Port	SFP
Line Rate	10Gb/s FD
Vendor Info	OEM
Part No.	SFP-10G-LR
Wavelength (nm)	1310nm SM (MM)
Module	SFP+
SFP Tx Power(dBm)	-2.14
SFP Rx Power(dBm)	-2.13
SFP Temp (°C / °F)	28.83 / 83.89
Rx min power limit (dBm)	-9.9
Rx max power limit (dBm)	-1.0
MAC	00:16:06:90:79:60
Tagged VLAN ID	-
IPv4	
IPv6	

Remote Unit	
Port	SFP
Line Rate	10Gb/s FD
Vendor Info	OEM
Part No.	SFP-10G-LR
Wavelength (nm)	1310nm SM (MM)
Module	SFP+
SFP Tx Power(dBm)	-2.04
SFP Rx Power(dBm)	-2.33
SFP Temp (°C / °F)	36.95 / 98.51
Rx min power limit (dBm)	-9.9
Rx max power limit (dBm)	-1.0
MAC	00:16:06:90:1a:3f

Cable Data

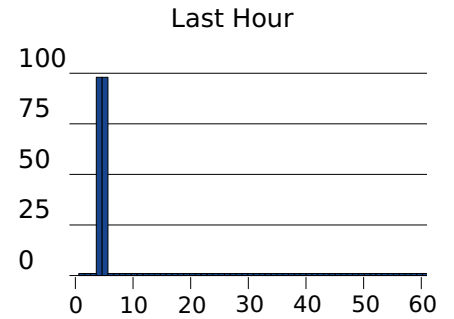
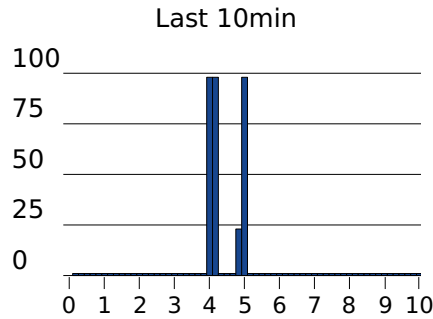
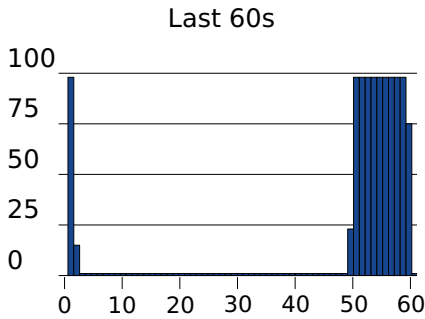
Results

Test status	PASSED		
Start - End Time (mm/dd/yyyy hh:mm:ss)	11/04/2024 07:38:11 PM - 07:38:27 PM		
Elapsed Time (hh:mm:ss)	00:00:16		
Tx Frames	8127430		
Rx Frames	8127430		
Error Frames	0		
Total Bandwidth (Gb/s)	10		
Test Standard	802.3ae* (10Gb/s)		
	min	avg	max
Propagation Delay (RTT - Round Trip Time) (µs)	3.469	3.475	3.488
Jitter (ns)	0.000	0.000	12.800
Pair	1-2	3-6	4-5
Delay Skew (ns)	-	-	-
SNR Margin (dB)	-	-	-

Setup

Line Rate	10G
Frame Size (bytes)	1518
Frame Loss Limit (Count)	0
Duration (hh:mm:ss)	00:00:10
IEEE.802.3	Enabled

Line Utilization %



MAC Statistics

Utilization	
Unicast	8.12744e+6
Broadcast	1
Multicasts	0
Total Rx Frames	8.12744e+6
Total Rx Bytes	1.23374e+10
Frame Errors	0
Max Frames per Second	812744
Current Data Rate	0 b/s
Average Data Rate	4.9350 Gb/s
Max Data Rate	9.8700 Gb/s
Current Utilization	0.000%
Average Utilization	49.350%
Max Utilization	98.700%

Size	
< 64	0
64 - 127	12
128 - 255	0
256 - 511	0
512 - 1023	0
1024 - 1279	0
1280 - 1518	8127430
1519 - 1522	0
> 1522	0
Errors	
Bad FCS	0
Undersized Frames	0
Oversized Frames	0
Jabbers	0
Bad Length	0



Project Name: Demo Test
 Test Date/Time: 11/04/2024 07:40:01 PM
 Contractor Name: Demo Customer
 Metadata Fields:

Main Unit
 S/N: 15711203/24260001
 SW/V: 4.2.0

Remote Unit
 S/N: 15711303/24260009
 SW/V: 16.39-2.1

Operation Mode: Basic Mode / Qualify-Cable



Main Unit	
Port	SFP
Line Rate	10Gb/s FD
Vendor Info	OEM
Part No.	SFP-10G-LR
Wavelength (nm)	1310nm SM (MM)
Module	SFP+
SFP Tx Power(dBm)	-2.09
SFP Rx Power(dBm)	-2.10
SFP Temp (°C / °F)	31.39 / 88.51
Rx min power limit (dBm)	-9.9
Rx max power limit (dBm)	-1.0
MAC	00:16:06:90:79:60
Tagged VLAN ID	-
IPv4	
IPv6	

Remote Unit	
Port	SFP
Line Rate	10Gb/s FD
Vendor Info	OEM
Part No.	SFP-10G-LR
Wavelength (nm)	1310nm SM (MM)
Module	SFP+
SFP Tx Power(dBm)	-2.02
SFP Rx Power(dBm)	-2.30
SFP Temp (°C / °F)	38.66 / 101.59
Rx min power limit (dBm)	-9.9
Rx max power limit (dBm)	-1.0
MAC	00:16:06:90:1a:3f

Cable Data

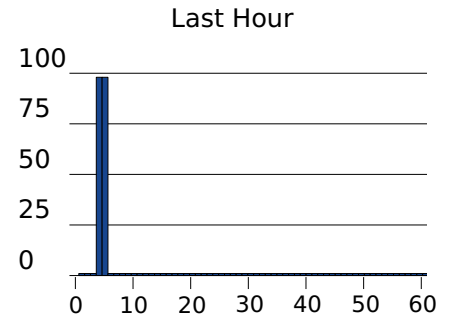
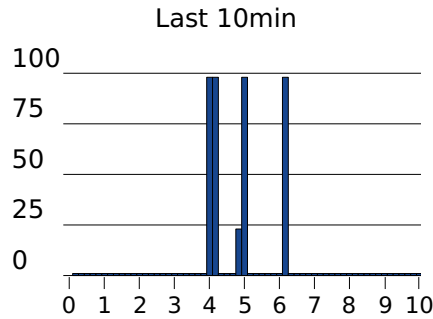
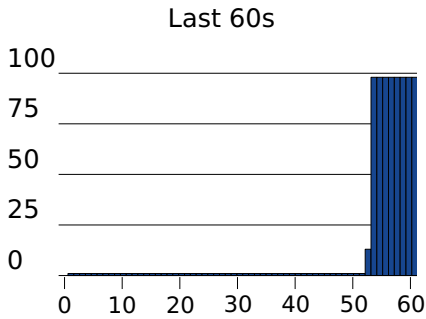
Results

Test status	PASSED		
Start - End Time (mm/dd/yyyy hh:mm:ss)	11/04/2024 07:39:30 PM - 07:39:44 PM		
Elapsed Time (hh:mm:ss)	00:00:14		
Tx Frames	8127430		
Rx Frames	8127430		
Error Frames	0		
Total Bandwidth (Gb/s)	10		
Test Standard	802.3ae* (10Gb/s)		
	min	avg	max
Propagation Delay (RTT - Round Trip Time) (µs)	3.462	3.469	3.482
Jitter (ns)	0.000	0.000	12.800
Pair	1-2	3-6	4-5
Delay Skew (ns)	-	-	-
SNR Margin (dB)	-	-	-

Setup

Line Rate	10G
Frame Size (bytes)	1518
Frame Loss Limit (Count)	0
Duration (hh:mm:ss)	00:00:10
IEEE.802.3	Enabled

Line Utilization %



MAC Statistics

Utilization	
Unicast	8.12744e+6
Broadcast	1
Multicasts	0
Total Rx Frames	8.12744e+6
Total Rx Bytes	1.23374e+10
Frame Errors	0
Max Frames per Second	812744
Current Data Rate	544 b/s
Average Data Rate	5.1947 Gb/s
Max Data Rate	9.8700 Gb/s
Current Utilization	0.000%
Average Utilization	51.947%
Max Utilization	98.700%

Size	
< 64	0
64 - 127	13
128 - 255	0
256 - 511	0
512 - 1023	0
1024 - 1279	0
1280 - 1518	8127430
1519 - 1522	0
> 1522	0
Errors	
Bad FCS	0
Undersized Frames	0
Oversized Frames	0
Jabbers	0
Bad Length	0