

Generated by Viavi 5800v2

User Info	
Customer Name	Cabase - 5650267
Technician ID	--
Test Location	--
Work Order	--
Comments/Notes	
Instrument	MTS5800V2
Serial Number	WMMP0144970222
SW Version	27.1.0

Results: Summary / Status	
Lost Frames	118
Bit Errors	9,298

Results: Summary / SLA / KPI	
Throughput, Current, Rx Mbps, L1	4,990.7
Throughput, Current, Tx Mbps, L1	4,990.0
Throughput, Current, Rx Mbps, L2	4,905.9
Throughput, Current, Tx Mbps, L2	4,905.2
Frame Loss - FLR, Lost Frames	118
Frame Loss - FLR, Frame Loss Ratio	3.31E-07
Round Trip Delay - FD (us), Average	25,324.900
Round Trip Delay - FD (us), Current	25,306.200
Round Trip Delay - FD (us), Maximum	26,117.300
Packet Jitter - FDV (us), Average	1.380
Packet Jitter - FDV (us), Max Average	5.410
Packet Jitter - FDV (us), Peak	54.960
Packet Jitter - FDV (us), Instantaneous	1.040

Results: Interface / Signal	
Signal Losses	0
Signal Loss Seconds	0
Sync Loss Seconds	0
Link Loss Seconds	0
Optical Rx Overload	OFF
Optical Rx Level (dBm)	-7.8
Optical Tx Level (dBm)	-1.5
Laser Bias Current (mA)	38.986
Rx Frequency (Hz)	10,312,735,443
Rx Freq Deviation (ppm)	22.8
Rx Freq Max Deviation (ppm)	22.8
Tx Clock Source	Internal
Tx Frequency (Hz)	10,312,500,000
Tx Freq Deviation (ppm)	0.0
Tx Freq Max Deviation (ppm)	0.0
Local Fault Seconds	0
Remote Fault Seconds	0

Results: Ethernet / L2 Link Stats	
Total Util %, Average	49.900
Total Util %, Current	49.907
Total Util %, Minimum	49.872
Total Util %, Peak	49.921
Current Util %, Unicast	49.907
Current Util %, Multicast	0.000
Current Util %, Broadcast	0.000
Rx Pause Length (ms), Current	Unavailable
Rx Pause Length (ms), Minimum	Unavailable
Rx Pause Length (ms), Maximum	Unavailable
Frame Rate, Average	529,723.42

Port 1: 10GigE LAN Layer 2 Traffic Term Test Report

Frame Rate, Current	529,800
Frame Rate, Minimum	529,423
Frame Rate, Peak	529,947
Frame Size, Average	1,157
Frame Size, Minimum	68
Frame Size, Maximum	4,470
Rx Mbps, Cur L1	4,990.7
Rx Mbps, Cur L2	4,905.9
Tx Mbps, Cur L1	4,990.0
Tx Mbps, Cur L2	4,905.2
Rx Mbps, L1, Average	4,990.0
Rx Mbps, Cur L1	4,990.7
Rx Mbps, L1, Minimum	4,987.2
Rx Mbps, L1, Maximum	4,992.1
Rx Mbps, L2, Average	4,905.2
Rx Mbps, Cur L2	4,905.9
Rx Mbps, L2, Minimum	4,902.5
Rx Mbps, L2, Maximum	4,907.3
ATP, Total Util Cur %	49.907
ATP, Frame Rate Cur	529,800
ATP, Rx Mbps, Cur L1	4,990.7
ATP, Rx Mbps, Cur L2	4,905.9
Round Trip Delay (us), Average	25,324.900
Round Trip Delay (us), Current	25,306.200
Round Trip Delay (us), Minimum	25,290.700
Round Trip Delay (us), Maximum	26,117.300
Packet Jitter (us), Average	1.380
Packet Jitter (us), Max Average	5.410
Packet Jitter (us), Peak	54.960
Packet Jitter (us), Instantaneous	1.040

VLAN ID	1806
VLAN User Priority	0
SVLAN ID	Unavailable
SVLAN User Pri	Unavailable
SVLAN Frame DEI	Unavailable
SVLAN1 ID, PRI, DEI	Unavailable
Preceding SVLANs, SVLAN2 ID	Unavailable
Preceding SVLANs, SVLAN2 User Priority	Unavailable
Preceding SVLANs, SVLAN2 Frame DEI	Unavailable
Preceding SVLANs, SVLAN2 ID, PRI, DEI	Unavailable
Preceding SVLANs, SVLAN3 ID	Unavailable
Preceding SVLANs, SVLAN3 User Priority	Unavailable
Preceding SVLANs, SVLAN3 Frame DEI	Unavailable
Preceding SVLANs, SVLAN3 ID, PRI, DEI	Unavailable
Preceding SVLANs, SVLAN4 ID	Unavailable
Preceding SVLANs, SVLAN4 User Priority	Unavailable
Preceding SVLANs, SVLAN4 Frame DEI	Unavailable
Preceding SVLANs, SVLAN4 ID, PRI, DEI	Unavailable
Preceding SVLANs, SVLAN5 ID	Unavailable
Preceding SVLANs, SVLAN5 User Priority	Unavailable
Preceding SVLANs, SVLAN5 Frame DEI	Unavailable
Preceding SVLANs, SVLAN5 ID, PRI, DEI	Unavailable
Preceding SVLANs, SVLAN6 ID	Unavailable
Preceding SVLANs, SVLAN6 User Priority	Unavailable
Preceding SVLANs, SVLAN6 Frame DEI	Unavailable
Preceding SVLANs, SVLAN6 ID, PRI, DEI	Unavailable
Preceding SVLANs, SVLAN7 ID	Unavailable
Preceding SVLANs, SVLAN7 User Priority	Unavailable
Preceding SVLANs, SVLAN7 Frame DEI	Unavailable
Preceding SVLANs, SVLAN7 ID, PRI, DEI	Unavailable

Peak Interframe Gap (us)	> 27,000,000
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Results: Ethernet / L2 Link Counts	
Received Frames	356,503,867
Transmitted Frames	356,503,957
Rx Acterna Frames	356,503,834
Tx Acterna Frames	356,503,957
Pause Frames	0
Rx VLAN Frames	356,503,834
Rx Q-in-Q Frames	0
Rx Stacked VLAN Frames	0
Unicast Frames	356,503,834
Multicast Frames	33
Broadcast Frames	0
Rx Frame Bytes	412,653,205,974
Tx Frame Bytes	412,653,329,874
Span Tree Frames	0
64 Byte Frames	0
65-127 Byte Frames	44,562,980
128-255 Byte Frames	44,562,991
256-511 Byte Frames	44,563,002
512-1023 Byte Frames	44,562,980
1024-<Jumbo Frames	133,688,931
Jumbo Frames	44,562,983

Results: Ethernet / L2 Filter Stats	
Total Util %, Average	49.900
Total Util %, Current	49.907
Total Util %, Minimum	49.872
Total Util %, Peak	49.921
Frame Rate, Average	529,723.42

Port 1: 10GigE LAN Layer 2 Traffic Term Test Report

Frame Rate, Current	529,800
Frame Rate, Minimum	529,423
Frame Rate, Peak	529,947
Frame Size, Average	1,157
Frame Size, Minimum	68
Frame Size, Maximum	4,470
Rx Mbps, Cur L1	4,990.7
Rx Mbps, Cur L2	4,905.9
Round Trip Delay (us), Average	25,324.900
Round Trip Delay (us), Current	25,306.200
Round Trip Delay (us), Minimum	25,290.700
Round Trip Delay (us), Maximum	26,117.300
Packet Jitter (us), Average	1.380
Packet Jitter (us), Max Average	5.410
Packet Jitter (us), Peak	54.960
Packet Jitter (us), Instantaneous	1.040
VLAN ID	1806
VLAN User Priority	0
SVLAN1 ID	Unavailable
SVLAN1 User Priority	Unavailable
SVLAN1 Frame DEI	Unavailable
SVLAN1 ID, PRI, DEI	Unavailable
SVLAN2 ID	Unavailable
SVLAN2 User Priority	Unavailable
SVLAN2 Frame DEI	Unavailable
SVLAN2 ID, PRI, DEI	Unavailable
SVLAN3 ID	Unavailable
SVLAN3 User Priority	Unavailable
SVLAN3 Frame DEI	Unavailable
SVLAN3 ID, PRI, DEI	Unavailable

SVLAN4 ID	Unavailable
SVLAN4 User Priority	Unavailable
SVLAN4 Frame DEI	Unavailable
SVLAN4 ID, PRI, DEI	Unavailable
SVLAN5 ID	Unavailable
SVLAN5 User Priority	Unavailable
SVLAN5 Frame DEI	Unavailable
SVLAN5 ID, PRI, DEI	Unavailable
SVLAN6 ID	Unavailable
SVLAN6 User Priority	Unavailable
SVLAN6 Frame DEI	Unavailable
SVLAN6 ID, PRI, DEI	Unavailable
SVLAN7 ID	Unavailable
SVLAN7 User Priority	Unavailable
SVLAN7 Frame DEI	Unavailable
SVLAN7 ID, PRI, DEI	Unavailable

Results: Ethernet / L2 Filter Counts	
Valid Rx Frames	356,503,867
Rx Acterna Frames	356,503,834
Rx VLAN Frames	356,503,834
Rx Q-in-Q Frames	0
Rx Stacked VLAN Frames	0
Unicast Frames	356,503,834
Multicast Frames	33
Broadcast Frames	0
Span Tree Frames	0
Rx Frame Bytes	412,653,205,974
64 Byte Frames	0
65-127 Byte Frames	44,562,980
128-255 Byte Frames	44,562,991

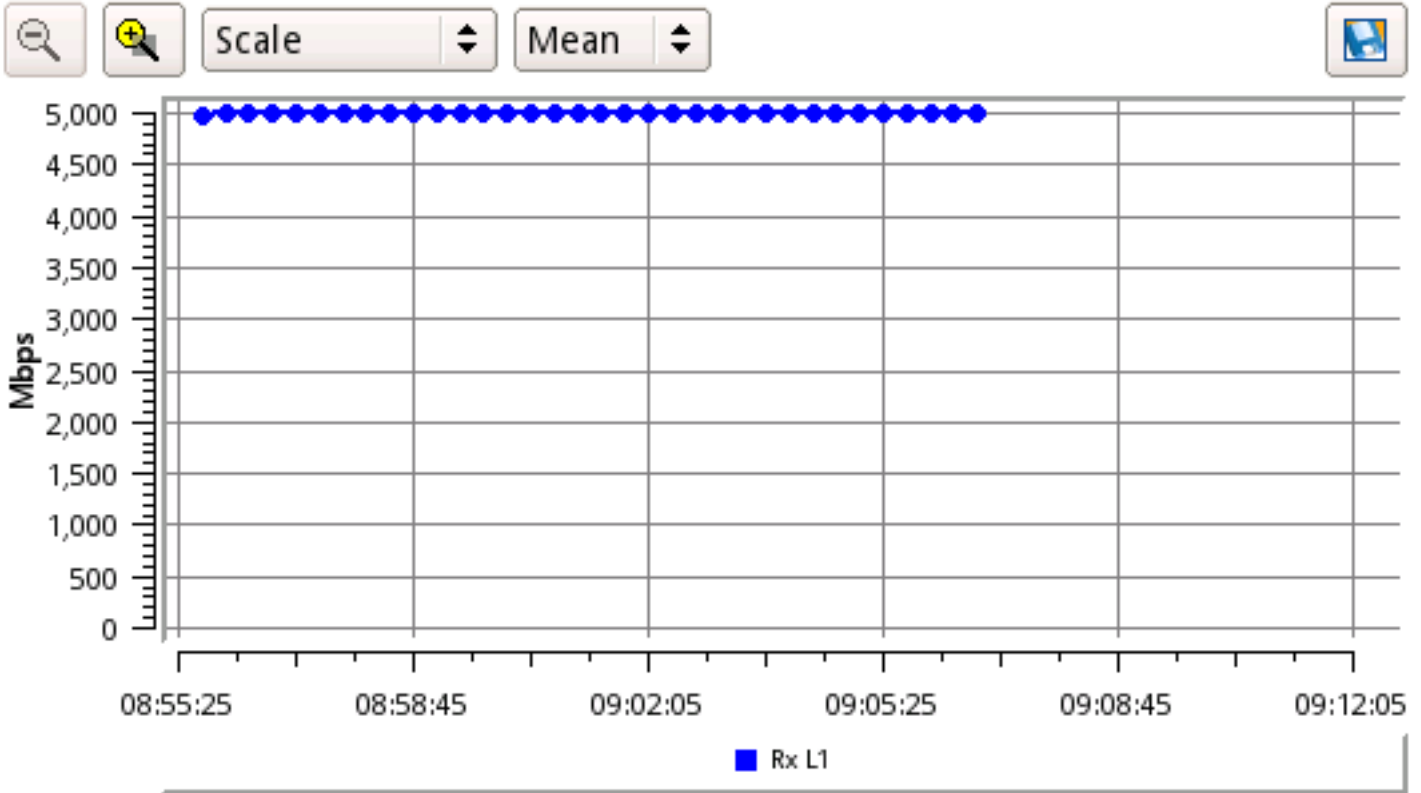
256-511 Byte Frames	44,563,002
512-1023 Byte Frames	44,562,980
1024-<Jumbo Frames	133,688,931

Results: Ethernet / BERT Stats	
Pattern Losses	2
Pattern Loss Seconds	2
Bit Error Rate	2.98E-09
Bit Errors	9,298
Bit Errored Seconds	2
Bit Error-Free Seconds	671
Bit Error-Free Seconds, %	99.7028

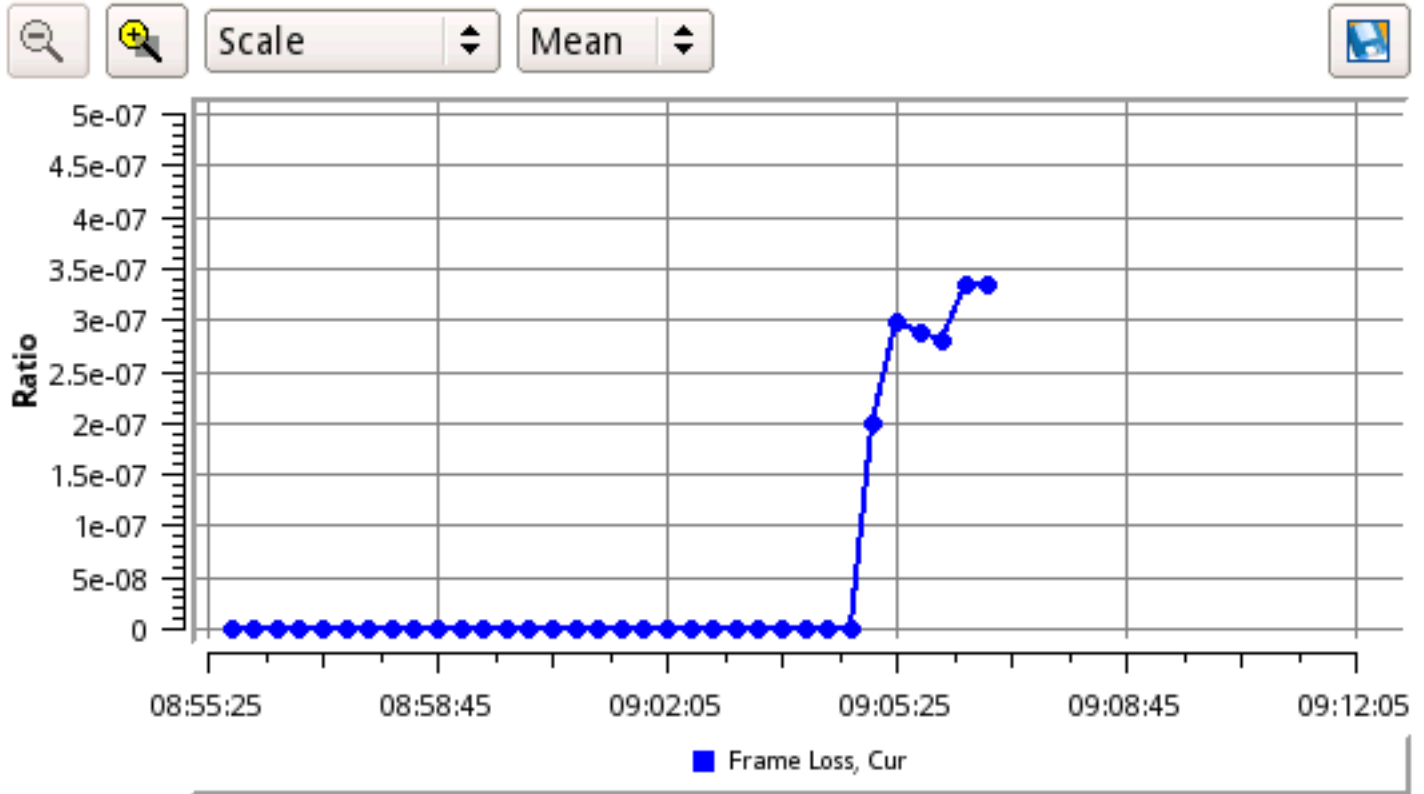
Results: Ethernet / Error Stats	
Code Violations	0
Code Violation Rate	0.00E+00
Code Violation Seconds	0
Undersized Frames	0
Runts	0
Jabbers	0
FCS Errored Frames	0
Errored Frames	0
Errored Blocks (PCS)	0
Block Sync Losses (PCS)	0
Acterna Payload Errors	0
Packet Error Rate	3.31E-07
Lost Frames	118
Frame Loss Ratio	3.31E-07
OoS Frames	0
Errored Second	2
Severely Errored Second	0

Unavailable Second	0
Errored Second Ratio	2.9718E-03
Severely Errored Second Ratio	0.0000E+00

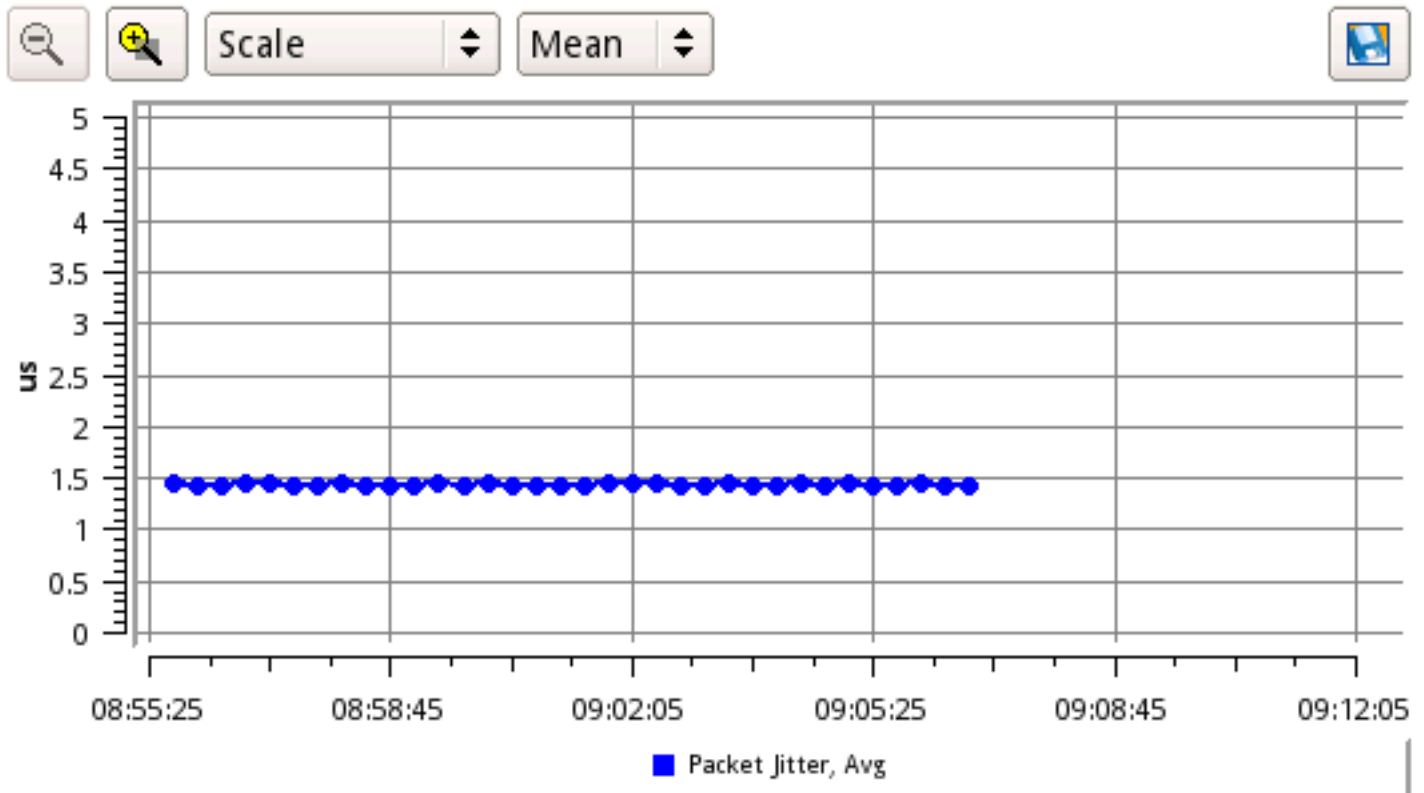
Results: Graphs / Throughput



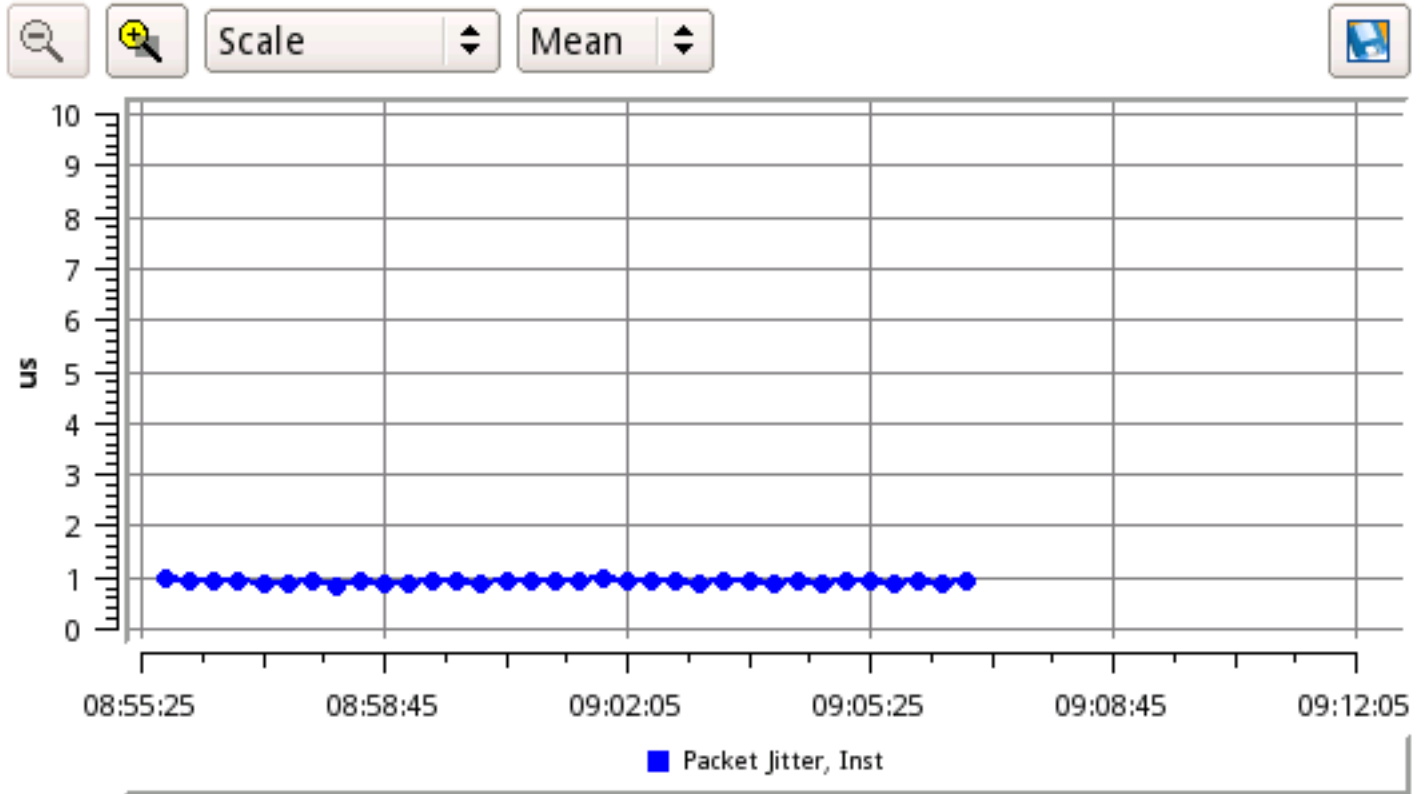
Results: Graphs / Frame Loss, Cur



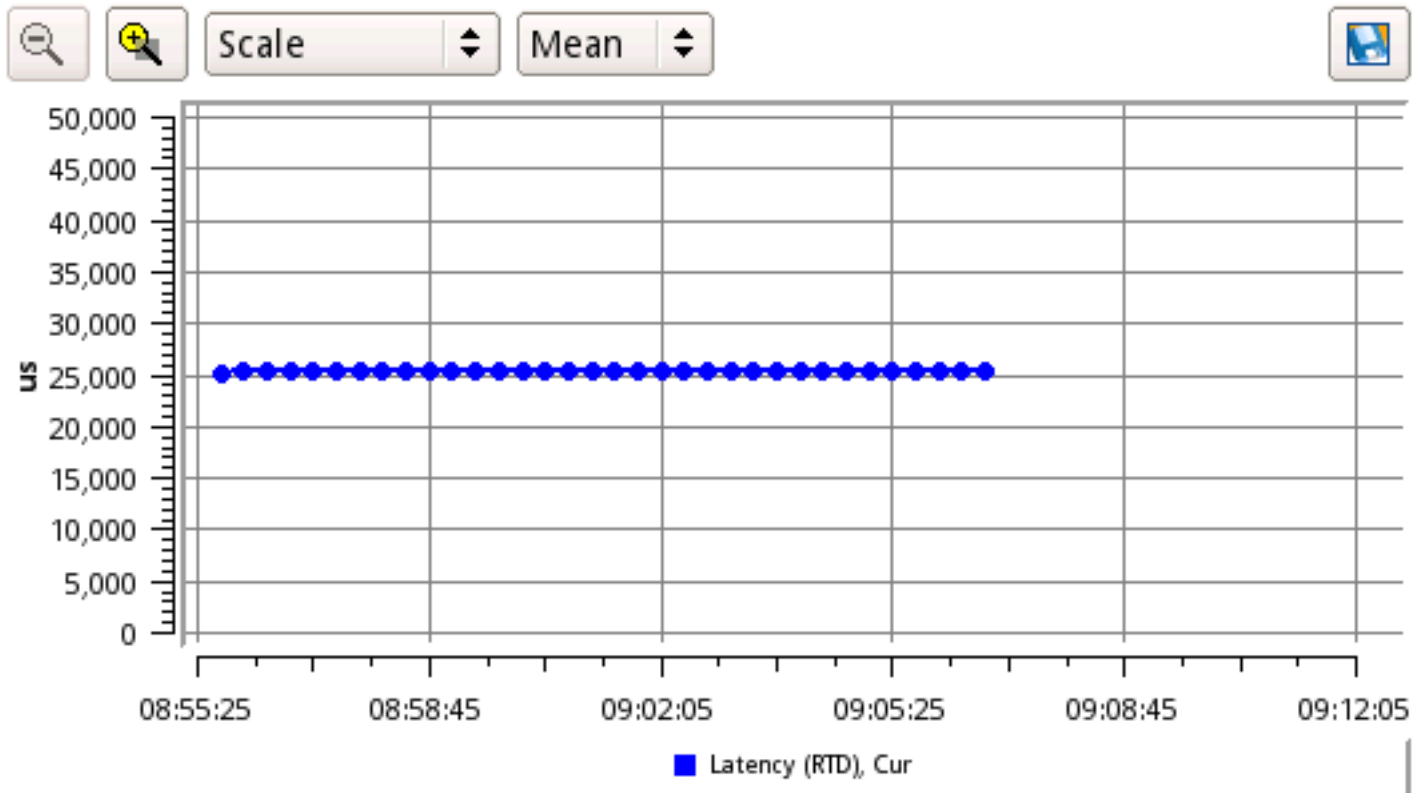
Results: Graphs / Packet Jitter, Avg



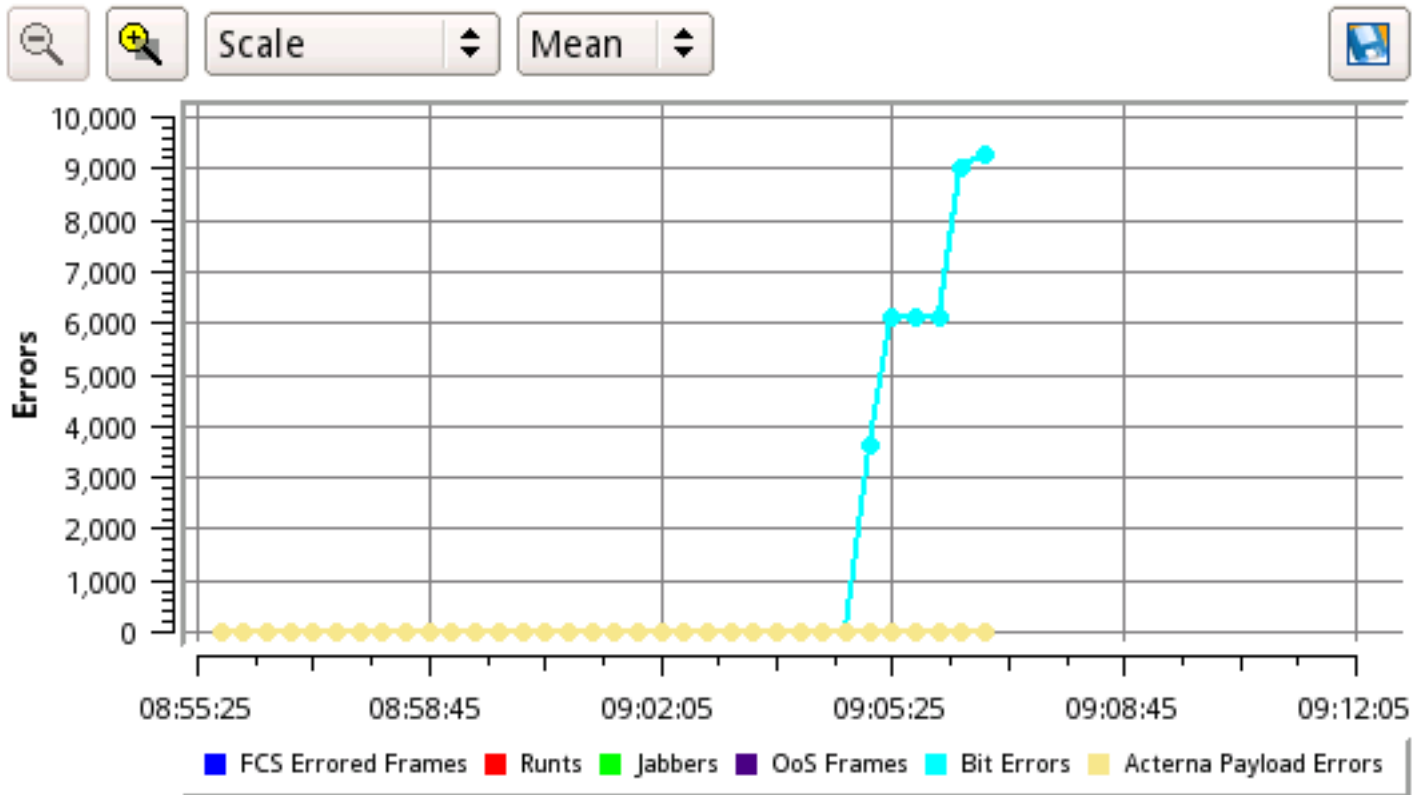
Results: Graphs / Packet Jitter, Inst



Results: Graphs / Latency (RTD), Cur



Results: Graphs / Errors



Results: Temperature / All

SFP Module Temperature	35
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Results: Summary / Time

Current Date	11/25/2019
Current Time	09:06:38
Test Elapsed Time	11m:13s

Results: LEDs

Signal Present	ON
Sync Acquired	ON
Link Active	ON
Frame Detect	ON
ATP Detect	ON
Pattern Sync	ON + HISTORY
VLAN Frame Detect	ON

SVLAN Frame Detect	OFF
Stacked VLAN Detect	OFF
Local Fault Detect	OFF
Remote Fault Detect	OFF

Setup: Interface	
Optical Connector	SFP
Clock Source	Internal
Internal - Frequency Offset (ppm)	0
Flow Control	On
Pause Length (Quanta)	1000
Pause Length (Time - ms)	0.0512
Auto-start traffic when laser turned on	No
Unit Identifier	JDSU-WMMP0144970222-01
Make this unit discoverable	OFF
Source IP	192.168.1.11
Default Gateway	192.168.1.10
Subnet Mask	255.255.255.0
Test Protection	No

Setup: Connector SFP	
Vendor	FINISAR CORP.
Vendor PN	FTLX1471D3BTL
Vendor SN	AYA0AUH
Vendor Rev	A
Module ID	SFP
Wavelength (nm)	1310.00
Nominal Bit Rate (Mbits/sec)	10,300
Minimum Bit Rate (Mbits/sec)	----
Maximum Bit Rate (Mbits/sec)	----
Power Level Type	Average Power

Max Rx Level (dBm)	2.0000
Min Rx Level (dBm)	-20.0000
Max Tx Level (dBm)	0.9999
Min Tx Level (dBm)	-7.9997
Diagnostic Monitoring	1
Diagnostic Byte	104
Transceiver	10G Base-LR

Setup: SFP Expert	
Rx Ignore LOS	Off
Rate Select	Auto

Setup: Ethernet	
Encapsulation	VLAN
Test Mode	Traffic
Frame Type	DIX
Frame Size (Bytes)	EMIX
Increment Frame Sizes by VLAN Tags	No
EMIX Frame Size (Bytes)	68
EMIX Frame Size (Bytes)	128
EMIX Frame Size (Bytes)	256
EMIX Frame Size (Bytes)	512
EMIX Frame Size (Bytes)	1024
EMIX Frame Size (Bytes)	1280
EMIX Frame Size (Bytes)	1522
EMIX Frame Size (Bytes)	Jumbo
Jumbo Size	4470
Emix Cycle Length	8
Destination Type	Unicast
Loop Type	Broadcast
Destination MAC	00-80-16-93-2D-61

Source MAC Type	Factory Default
Default MAC	00-80-16-93-2D-75
Auto-increment MAC	No
# MACs in Sequence	2
VLAN ID	1806
User Priority	0 (lowest)
EtherType	0x800
Tx Payload	Acterna
Acterna Payload	BERT
Acterna Payload Ver.	Version 3
Tx BERT Pattern	2 ³¹ - 1

Setup: Traffic	
Load Type	Constant
Load Unit	Bit Rate
Allow flooding	No
Load (Mbps)	4990
Layer	L1

Setup: Filters / Ethernet	
Encapsulation	Don't Care
Destination Type	Don't Care
Source MAC Type	Don't Care

Setup: Filters / Byte Pattern	
Use Byte Pattern as	Don't Care

Setup: Filters / Payload	
Payload Analysis	On
Use Tx BERT settings	Yes
Rx BERT Pattern	2 ³¹ - 1

Setup: Filters / TPID	
User Allowable SVLAN TPID (hex)	0x8100
User Allowable SVLAN TPID (hex)	0x8100
User Allowable SVLAN TPID (hex)	0x8100
User Allowable SVLAN TPID (hex)	0x8100
User Allowable SVLAN TPID (hex)	0x8100
User Allowable SVLAN TPID (hex)	0x8100
User Allowable SVLAN TPID (hex)	0x8100

Setup: Service Disruption	
Enable Service Disruption	OFF
Separation Time (ms)	300
Threshold Time (ms)	50
Tx and Rx	Couple
Signal Loss	ON
Event Trigger: Sync Loss	ON
Event Trigger: Local Fault	ON
Event Trigger: Remote Fault	ON
Event Trigger: Errored Blocks (PCS)	ON
Event Trigger: Code Violation	ON
Event Trigger: Interframe Gap	OFF
Interframe Gap Trigger Type	All Frames
Interframe Gap Minimum Threshold (ms)	0.05
Event Trigger: FCS	ON

Setup: Timed Test	
Test Type	Not Timed

Setup: Toolbar / Peak IFG	
Tx and Rx	Couple

Setup: Toolbar / Errors	
Error Type	Code
Insertion Style	Single

Log: Event Log					
<i>No.</i>	<i>Event</i>	<i>Date</i>	<i>Start Time</i>	<i>Stop Time</i>	<i>Dur./Val.</i>
1	START	11/25/2019	08:55:25.0	--	--
2	Bit Errors	11/25/2019	09:04:54.7	09:04:54.7	6118
3	Lost Frames	11/25/2019	09:04:54.7	09:04:54.7	93
4	Bit Errors	11/25/2019	09:06:07.5	09:06:07.5	3180
5	Lost Frames	11/25/2019	09:06:07.5	09:06:07.5	25

Log: SD - Summary					
<i>No.</i>	<i>Date</i>	<i>Start</i>	<i>Stop</i>	<i>Dur. (ms)</i>	<i>Status</i>

Log: SD - Details						
<i>No.</i>	<i>Event</i>	<i>Date</i>	<i>Start</i>	<i>Stop</i>	<i>Dur. (ms)</i>	<i>Status</i>

Log: SD - Statistics				
	<i>Duration (ms)</i>	<i>Start Time</i>	<i>Stop Time</i>	<i>Status</i>
Longest	***	***	***	***
Shortest	***	***	***	***
Last	***	***	***	***
Average	***			
Disruptions	Total = 0			

Histogram

