

FTBx-8870 Report

FAIL

Report Header: EXFO Inc.
Report Title:
Report Date: 7/13/2022 8:58:26 AM
Type: RFC 2544

Job Information

Job ID: RTASK2153732
Circuit ID: StarTouch: ALMSPOK2-100M-070114
Contractor Name:
Customer Name: almira-k12
Operator Name: kithc
Comment:

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SUMMARY

Results Summary

Test Status	
Throughput	Completed 00d:00:06:35
Back-to-Back	Aborted 00d:00:01:15
Frame Loss	Inactive 00d:00:00:00
Latency	Inactive 00d:00:00:00
Pass/Fail Verdict	FAIL
Start Time	7/13/2022 08:50:10 AM
Test Recovery	0

RFC 2544

Pass/Fail Verdict	
Throughput	FAIL
Back-to-Back	--
Frame Loss	--
Latency	--

Throughput				
	(Mbit/s)			(Frame/s)
	Layer			
	All	Ethernet	IP	
64	0.00	0.00	0.00	0.0000
128	0.00	0.00	0.00	0.0000
256	0.00	0.00	0.00	0.0000
512	0.00	0.00	0.00	0.0000
1024	0.00	0.00	0.00	0.0000
1280	0.00	0.00	0.00	0.0000
1518	0.00	0.00	0.00	0.0000

Back-to-Back				
	(Mbit/s)			(f/burst)
	Layer			
	All	Ethernet	IP	
64	Aborted	Aborted	Aborted	Aborted
128	--	--	--	--
256	--	--	--	--
512	--	--	--	--
1024	--	--	--	--
1280	--	--	--	--
1518	--	--	--	--

	Frame Loss (%, 100.0000% Step)	Latency (ms, Cut Through) Mode
64	--	--
128	--	--
256	--	--
512	--	--
1024	--	--
1280	--	--
1518	--	--

RX Power Level		
	Min	Max
Power Range (dBm)	-15.0	0.5
RX Power Level (dBm)	-3.1	-3.0

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

Alarms/Errors

Alarms/Errors List

Active/Historical Alarms/Errors

None

Interface

Alarms	Seconds
LOS	0
Frequency	0

Clock Sync

Alarm	Seconds
LOC	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	

IP/UDP

Errors	Seconds	Count	Rate
IP Checksum	0	0	0.00E00
UDP Checksum	0	0	0.00E00
Total		0	

Setup Summary

Application Type	RFC 2544
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Interface	Port 1
Interface/Rate	10GE LAN
Connector	SFP+

Flow Control	None
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Framing: MAC/IP/UDP

IP Version	IPv4
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	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

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Frame Size Distribution (Bytes)				
64	128	256	512	1024
1280	1518			

Enabled Subtests			
Throughput	Max. Rate (%)	Threshold (%)	Accuracy (%)
	100.0000	100.0	1.00
Back-to-Back	Burst Time (MM:SS)	Threshold (%)	Accuracy (Frames)
	00:01	100.0	1
Frame Loss	Max. Rate (%)	Threshold (%)	Granularity (%)
	100.0000	0.1	10
Latency	Max. Rate (%)		Threshold (ms)
	100.0000		125.00000

TEST RESULTS

Ethernet Traffic

Frame Type	TX Count	RX Count
Multicast	0	252
Broadcast	74	0
Unicast	115800755	1394159
Non-Unicast	74	252
Total	115800829	1394411

Frame Size (Bytes)	RX Count	%
< 64	0	0.0
64	147035	10.5
65 - 127	425	0.0
128 - 255	310809	22.2
256 - 511	387570	27.7
512 - 1023	253660	18.1
1024 - 1518	294912	21.1
> 1518	0	0.0
Total	1394411	

Flow Control Monitoring

Frame Count	
Pause Frames	0
Abort Frames	0
Frames RX	0
Frames TX	0

Pause Time (Quanta)	
Total Pause Time	
Last Pause Time	
Minimum Pause Time	
Maximum Pause Time	

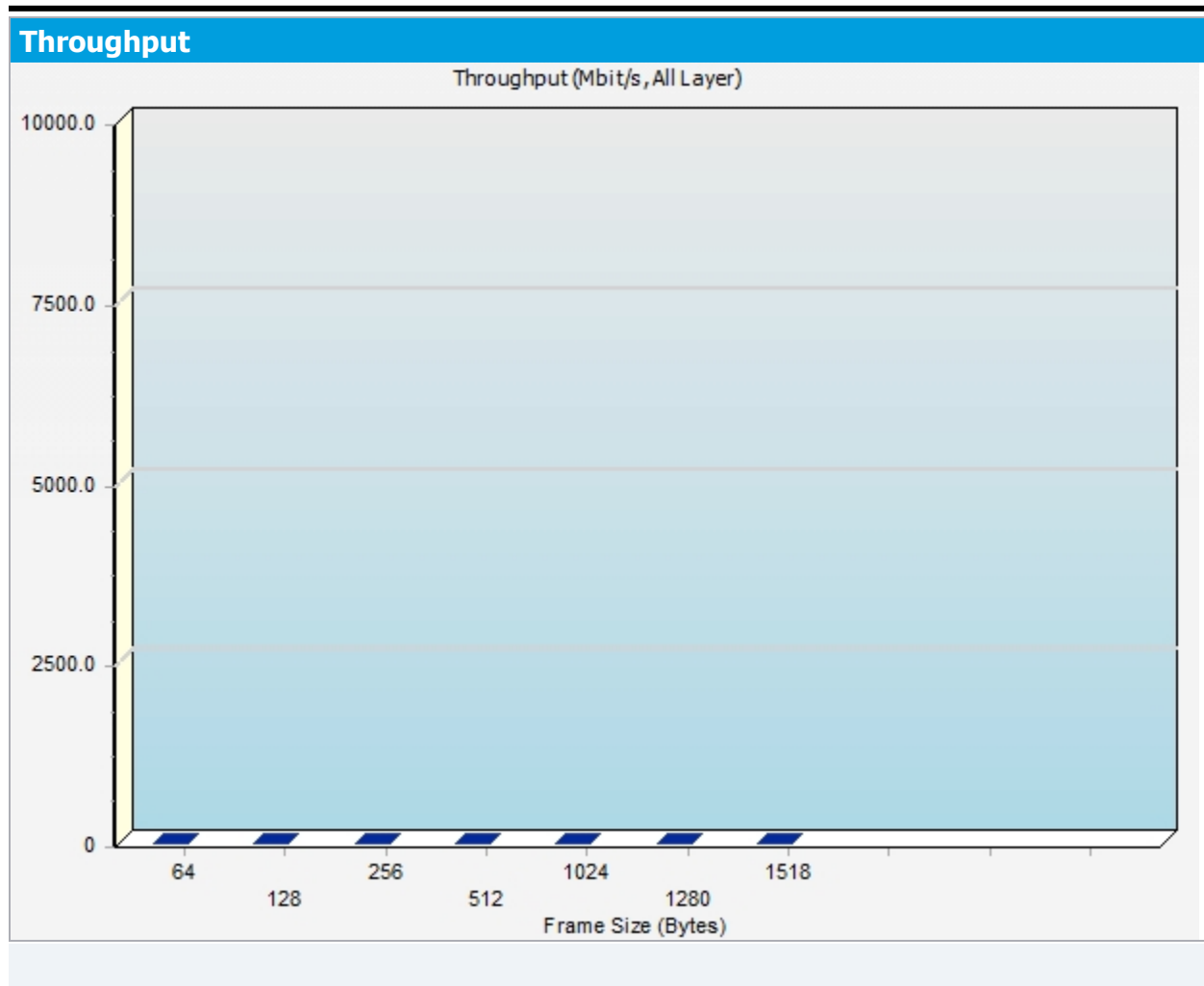
RFC 2544

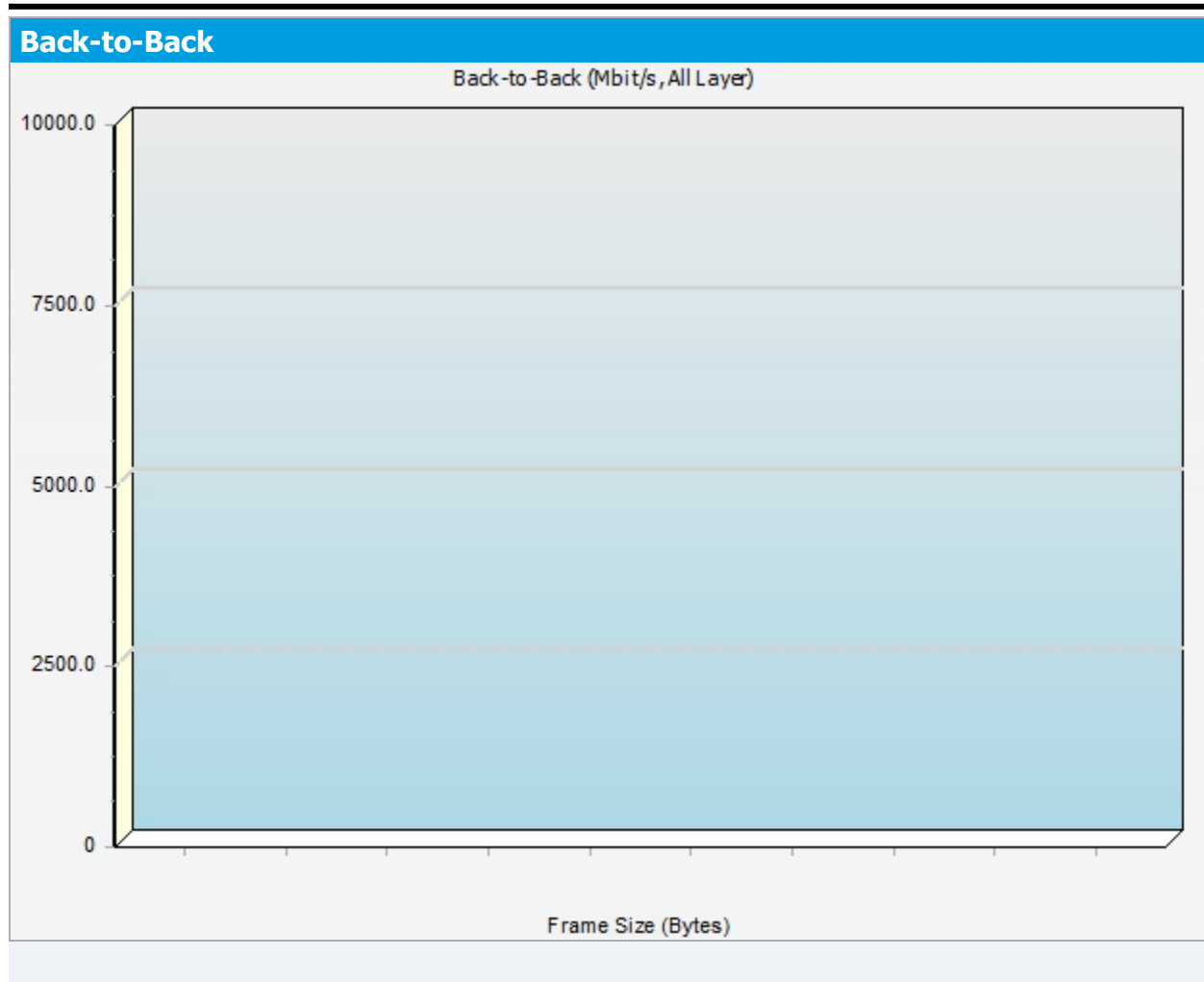
Pass/Fail Verdict	
Throughput	FAIL
Back-to-Back	--
Frame Loss	--
Latency	--

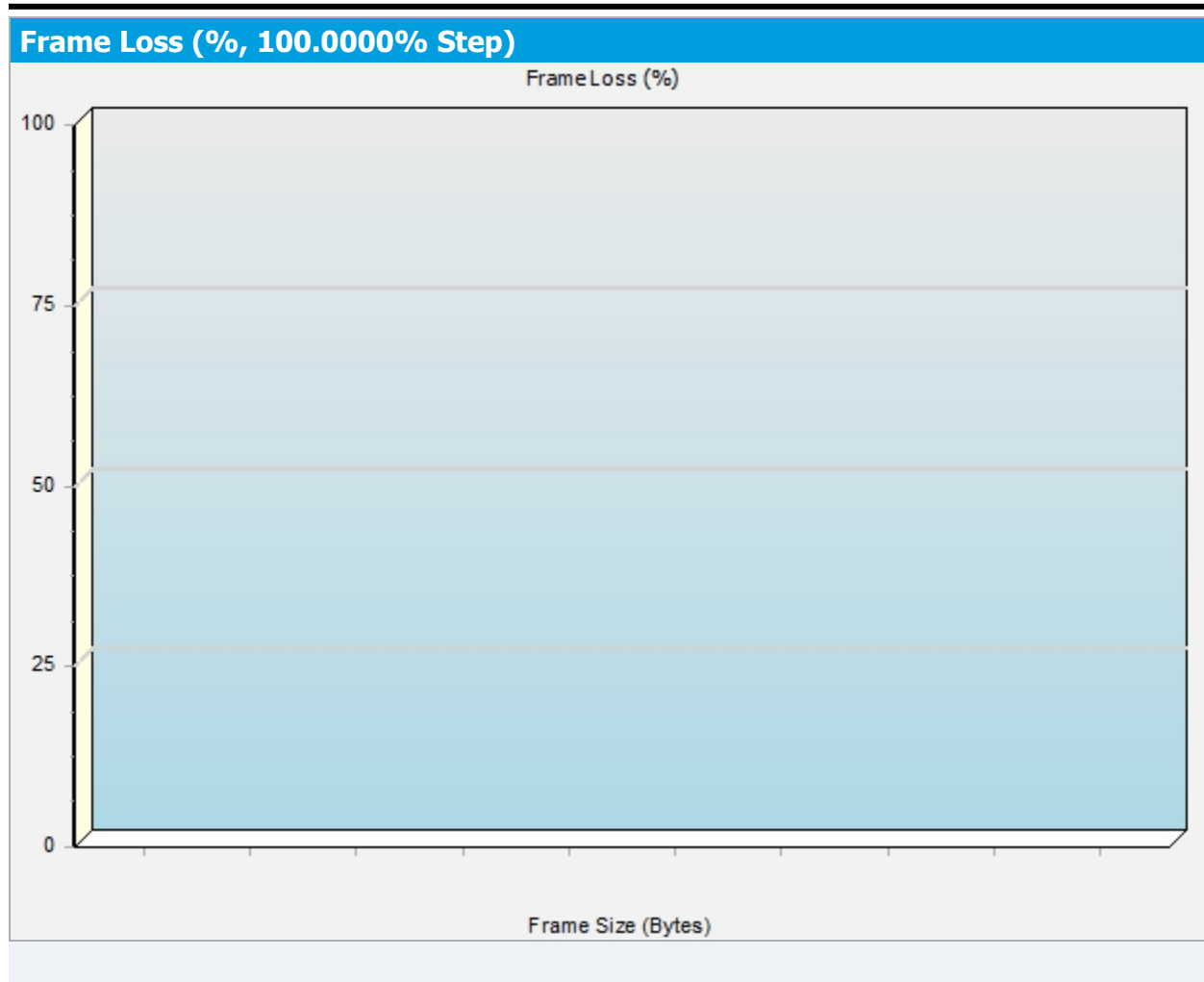
		Throughput			
		(Mbit/s)			(Frame/s)
		Layer			
		All	Ethernet	IP	
64	Min.	0.00	0.00	0.00	0.0000
	Max.	0.00	0.00	0.00	0.0000
	Avg.	0.00	0.00	0.00	0.0000
128	Min.	0.00	0.00	0.00	0.0000
	Max.	0.00	0.00	0.00	0.0000
	Avg.	0.00	0.00	0.00	0.0000
256	Min.	0.00	0.00	0.00	0.0000
	Max.	0.00	0.00	0.00	0.0000
	Avg.	0.00	0.00	0.00	0.0000
512	Min.	0.00	0.00	0.00	0.0000
	Max.	0.00	0.00	0.00	0.0000
	Avg.	0.00	0.00	0.00	0.0000
1024	Min.	0.00	0.00	0.00	0.0000
	Max.	0.00	0.00	0.00	0.0000
	Avg.	0.00	0.00	0.00	0.0000
1280	Min.	0.00	0.00	0.00	0.0000
	Max.	0.00	0.00	0.00	0.0000
	Avg.	0.00	0.00	0.00	0.0000
1518	Min.	0.00	0.00	0.00	0.0000
	Max.	0.00	0.00	0.00	0.0000
	Avg.	0.00	0.00	0.00	0.0000

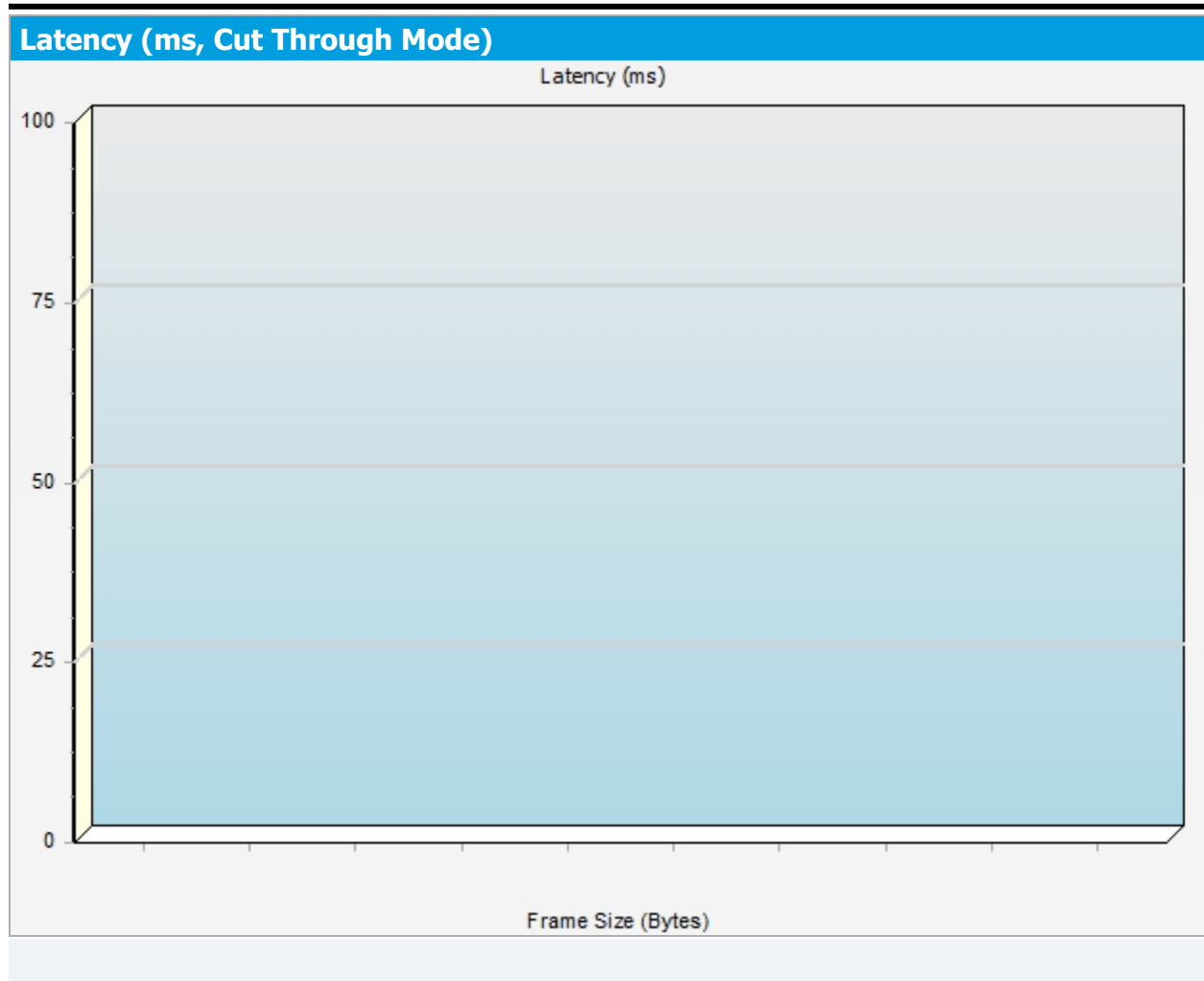
		Back-to-Back			
		(Mbit/s)			(f/burst)
		Layer			
		All	Ethernet	IP	
64	Min.	Aborted	Aborted	Aborted	Aborted
	Max.	Aborted	Aborted	Aborted	Aborted
	Avg.	Aborted	Aborted	Aborted	Aborted
128	Min.	--	--	--	--
	Max.	--	--	--	--
	Avg.	--	--	--	--
256	Min.	--	--	--	--
	Max.	--	--	--	--
	Avg.	--	--	--	--
512	Min.	--	--	--	--
	Max.	--	--	--	--
	Avg.	--	--	--	--
1024	Min.	--	--	--	--
	Max.	--	--	--	--
	Avg.	--	--	--	--
1280	Min.	--	--	--	--
	Max.	--	--	--	--
	Avg.	--	--	--	--
1518	Min.	--	--	--	--
	Max.	--	--	--	--
	Avg.	--	--	--	--

		Frame Loss (%, 100.0000% Step)	Latency (ms, Cut Through) Mode
64	Min.	--	--
	Max.	--	--
	Avg.	--	--
128	Min.	--	--
	Max.	--	--
	Avg.	--	--
256	Min.	--	--
	Max.	--	--
	Avg.	--	--
512	Min.	--	--
	Max.	--	--
	Avg.	--	--
1024	Min.	--	--
	Max.	--	--
	Avg.	--	--
1280	Min.	--	--
	Max.	--	--
	Avg.	--	--
1518	Min.	--	--
	Max.	--	--
	Avg.	--	--









TEST SETUP

Clock Synchronization	
Clock Mode	Internal

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Frame Size Distribution (Bytes)				
64	128	256	512	1024
1280	1518			

Enabled Subtests						
Throughput	Max. Rate (%)	Trial Duration (MM:SS)	Trials	Accuracy (%)	Acceptable Errors	Validations
	100.0000	00:01	1	1.00	0	1
Back-to-Back		Burst Time (MM:SS)	Trials	Accuracy (Frames)	Acceptable Errors	Bursts
		00:01	1	1	0	1
Frame Loss	Max. Rate (%)	Trial Duration (MM:SS)	Trials	Granularity (%)		
	100.0000	00:01	1	10		
Latency	Max. Rate (%)	Trial Duration (MM:SS)	Trials			
	--	00:01	1			

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	10.112.0.100

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

Ping Results		
No.	Status	Reply Details
297	Successful	IP=10.112.0.100, Bytes=32, Time=8 ms, TTL=63

Ping Statistics	
Packets Transmitted	297
Packets Received	239
Percentage Lost (%)	19.5
Minimum Round Trip Time (ms)	8
Maximum Round Trip Time (ms)	1196
Average Round Trip Time (ms)	27

SYSTEM INFORMATION

Product Name	Power Blazer Series
Version	Power Blazer Series 1.94
Module ID	FTBx-8870
Slot ID	1
Software Product Version	1.94.0.63
	Power Blazer Series 1.94
Assembly Hardware Revision	B
Serial Number	1343184
Calibration Date	4/20/2020 8:28:00 PM

Pluggable Module

Module ID	SFP+
Vendor Name	WFS
Part Number	WFSP-1396-10-J
Serial Number	3172922861
Hardware Revision	1.0
Connector Type	LC
Speed	10G
Type/Compliance Code	LR, 10.0 km (SMF)
Wavelength	1310 nm
Mode	Single-Mode Fiber
Power Class	Power Class 1 Module (<= 1W max)
Temperature (Max)	34.0 °C

Software Options

DS1-FDL	DS1/1.5M Facility Data Link	Disabled
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CPRI-10.1G	CPRI 10.1376 Gbit/s	Disabled
SDH	Synchronous Digital Hierarchy	Enabled
SONET	Synchronous Optical Network	Enabled
622M	622 Mbit/s	Disabled
eCPRI-10G	eCPRI over 10G Ethernet	Disabled
DSn	Digital Signal (DS1, DS3)	Disabled
PDH	Plesiochronous Digital Hierarchy (E1, E3, E4)	Disabled
155M	155 Mbit/s	Disabled
2488M	2.488 Gbit/s	Disabled
10G_LAN	Ethernet 10G LAN optical interface	Enabled
10G_WAN	Ethernet 10G WAN optical interface	Enabled
L2-Transparency	L2CP Handling Test in EtherSAM	Disabled
TCM	Tandem Connection Monitoring HO/LO	Disabled
G82752	ITU-T G.8275.2 Profile	Disabled
TunableOptics	Tunable Wavelength Support for SFP+	Disabled
9953M	9.953 Gbit/s	Disabled
OTU1	Optical Transport Unit-1 (2.7 Gbit/s)	Disabled
OTU2	Optical Transport Unit-2 (10.7 Gbit/s)	Disabled
100optical	Ethernet 100Base-FX (Optical) Interface	Disabled
GigE_Optical	Ethernet 1000Base-X (Optical) Interface	Enabled
GigE_Electrical	Ethernet 1000Base-T (Electrical) Interface	Enabled
FC-1X	Fibre Channel 1X	Disabled
FC-2X	Fibre Channel 2X	Disabled
TCP-THPUT	Tcp Throughput Test Application	Disabled
100electrical	Ethernet 100Base-TX (Electrical) Interface	Enabled
10electrical	Ethernet 10Base-T (Electrical) Interface	Enabled
ODUMUX	ODU Multiplexing Payload Type 20 and 21	Disabled
FC-10X	Fibre Channel 10X	Disabled
OTU2-1e-2e	Optical Transport Unit-2 Overclocked (11.049/11.096 Gbit/s)	Disabled
FC-4X	Fibre Channel 4X	Disabled
ADV-FILTERS	Advanced Filtering	Disabled
MPLS	MPLS Encapsulation (10GE and less)	Disabled
IPV6	Internet Protocol Version 6 (IPv6) (10GE and less)	Disabled
OTN-INTR-THRU	OTN Intrusive Through Mode	Disabled
EoOTN	Ethernet over Optical Transport Network	Disabled
ETH-THRU	Through Mode Test Application	Disabled
OTU2-1f-2f	Optical Transport Unit-2 Overclocked (11.270/11.317 Gbit/s)	Disabled
Cable_Test	Cable Test	Disabled
ODU0	OTN ODU0	Disabled
ETH-CAPTURE	Ethernet Frame Capture for Advanced Troubleshooting	Disabled
ODUflex	OTN ODUflex	Disabled
TRAFFIC-SCAN	Traffic Scan	Disabled
52M	52 Mbit/s	Enabled
NI-CSU	NI/CSU Emulation	Disabled
FC-8X	Fibre Channel 8X	Disabled
CPRI	CPRI 2.4576 Gbit/s and 3.072 Gbit/s	Disabled

OBSAI	OBSAI 3.072 Gbit/s	Disabled
1588PTP	1588 Precision Time Protocol	Disabled
SyncE	Synchronous Ethernet	Disabled
ETH-OAM	Carrier Ethernet OAM Test Application	Disabled
CPRI-1.2G	CPRI 1.2288 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
DUAL-PORT	Dual Port Test	Disabled
RFC6349	RFC 6349 Test Application (10GE and less)	Disabled
iSAM	Intelligent Service Activation Methodology	Disabled
PoE	Power Over Ethernet	Disabled
LINK-OAM	Link OAM	Disabled
DP-CPRI	Dual Port CPRI	Disabled
TST-OAM	Test Over Service OAM	Disabled
G82751	ITU-T G.8275.1 Profile	Disabled
iOptics	Intelligent Pluggable Optic Test Application	Disabled
EoE	Ethernet over Ethernet Encapsulation (10GE and less)	Disabled
PBBTE	Provider Backbone Bridge Encapsulation (10GE and less)	Disabled
RFC6349-EXFOWorx	Enables EXFO Worx Interop Operation Mode	Disabled
GCC-BERT	OTN Overhead BERT and Synchronization Validation	Disabled
OBSAI-1.5G	OBSAI 1.536 Gbit/s	Disabled
OBSAI-6.1G	OBSAI 6.144 Gbit/s	Disabled
DTS-NAT	NAT Traversal for DTS applications	Disabled

LOGGER

ID	Start Time	Event	Duration	Details
1	07/13 08:50:10 AM	Test Started		2022-07-13
2	07/13 08:58:01 AM	Test Stopped		 FAIL