



FTBx-8870 Report

PASS

Report Header: EXFO Inc.
Report Title:
Report Date: 10/15/2021 12:35:38 PM
Type: Traffic Generation and Monitoring

Job Information

Job ID: RTASK1965599
Circuit ID: CherryRoad:GTT/002175870
Contractor Name:
Customer Name: vancouver-k12
Operator Name: danieldh
Comment: Ran test for 26 hours 13 minutes 36 seconds

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SUMMARY

Results Summary

Test Status	
Test Status	Completed
Pass/Fail Verdict	PASS
Start Time	10/14/2021 10:20:38 AM
Duration	01d:02:13:36
Test Recovery	0

Traffic Generation and Monitoring

Stream	Average RX Throughput (Mbit/s)	Frame Loss Rate / Count	Max Jitter (ms)	Max Latency (ms)	Out-of-Sequence Rate / Count	Stream Verdict
Stream 1	9499.9975	7.2E-12 / 1	0.00929	3.59214	7.2E-12 / 1	PASS
Stream 2	--	--	--	--	--	Disabled
Stream 3	--	--	--	--	--	Disabled
Stream 4	--	--	--	--	--	Disabled
Stream 5	--	--	--	--	--	Disabled
Stream 6	--	--	--	--	--	Disabled
Stream 7	--	--	--	--	--	Disabled
Stream 8	--	--	--	--	--	Disabled
Stream 9	--	--	--	--	--	Disabled
Stream 10	--	--	--	--	--	Disabled
Stream 11	--	--	--	--	--	Disabled
Stream 12	--	--	--	--	--	Disabled
Stream 13	--	--	--	--	--	Disabled
Stream 14	--	--	--	--	--	Disabled
Stream 15	--	--	--	--	--	Disabled
Stream 16	--	--	--	--	--	Disabled

RX Power Level		
	Min	Max
Power Range (dBm)	-19.0	-1.0
RX Power Level (dBm)	-2.2	-2.1

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

Alarms/Errors

Alarms/Errors List

Active/Historical Alarms/Errors

Frame Loss, OOSeq

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/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	

QoS Metrics	Frame Loss			Out-of-Sequence		
Errors	Seconds	Count	Rate	Seconds	Count	Rate
Stream 1	1	1	7.2E-12	1	1	7.2E-12
Stream 2	--	--	--	--	--	--
Stream 3	--	--	--	--	--	--
Stream 4	--	--	--	--	--	--
Stream 5	--	--	--	--	--	--
Stream 6	--	--	--	--	--	--
Stream 7	--	--	--	--	--	--
Stream 8	--	--	--	--	--	--
Stream 9	--	--	--	--	--	--
Stream 10	--	--	--	--	--	--
Stream 11	--	--	--	--	--	--
Stream 12	--	--	--	--	--	--
Stream 13	--	--	--	--	--	--
Stream 14	--	--	--	--	--	--
Stream 15	--	--	--	--	--	--
Stream 16	--	--	--	--	--	--

Setup Summary

Application Type	Traffic Generation and Monitoring
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Interface	Port 1
Interface/Rate	10GE LAN
Connector	SFP+

Flow Control	None
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Streams

Streams	
Provider Encapsulation	None
Total Enabled TX Rate (%)	95.0000

	Stream Name	Frame Size (Bytes)	TX Rate (Mbit/s) Shaping	Framing	VLAN	Addressing
1	Stream 1	Random	9500.00 Continuous	UDP	None	Src IP: 10.112.0.1 Dst IP: 10.112.0.100
2	Stream 2	64	10000.00 Continuous	UDP	None	Src IP: 10.112.0.1 Dst IP: 10.10.34.216
3	Stream 3	64	10000.00 Continuous	UDP	None	Src IP: 10.112.0.1 Dst IP: 10.10.34.216
4	Stream 4	64	10000.00 Continuous	UDP	None	Src IP: 10.112.0.1 Dst IP: 10.10.34.216
5	Stream 5	64	10000.00 Continuous	UDP	None	Src IP: 10.112.0.1 Dst IP: 10.10.34.216
6	Stream 6	64	10000.00 Continuous	UDP	None	Src IP: 10.112.0.1 Dst IP: 10.10.34.216
7	Stream 7	64	10000.00 Continuous	UDP	None	Src IP: 10.112.0.1 Dst IP: 10.10.34.216
8	Stream 8	64	10000.00 Continuous	UDP	None	Src IP: 10.112.0.1 Dst IP: 10.10.34.216
9	Stream 9	64	10000.00 Continuous	UDP	None	Src IP: 10.112.0.1 Dst IP: 10.10.34.216
10	Stream 10	64	10000.00 Continuous	UDP	None	Src IP: 10.112.0.1 Dst IP: 10.10.34.216
11	Stream 11	64	10000.00 Continuous	UDP	None	Src IP: 10.112.0.1 Dst IP: 10.10.34.221
12	Stream 12	64	10000.00 Continuous	UDP	None	Src IP: 10.112.0.1 Dst IP: 10.10.34.221
13	Stream 13	64	10000.00 Continuous	UDP	None	Src IP: 10.112.0.1 Dst IP: 10.10.34.221
14	Stream 14	64	10000.00 Continuous	UDP	None	Src IP: 10.112.0.1 Dst IP: 10.10.34.221
15	Stream 15	64	10000.00 Continuous	UDP	None	Src IP: 10.112.0.1 Dst IP: 10.10.34.221
16	Stream 16	64	10000.00 Continuous	UDP	None	Src IP: 10.112.0.1 Dst IP: 10.10.34.221

TEST RESULTS

Ethernet Traffic

Frame Type	TX Count	RX Count
Multicast	0	3403
Broadcast	0	0
Unicast	138245474675	138245474674
Non-Unicast	0	3403
Total	138245474675	138245478077

Frame Size (Bytes)	RX Count	%
< 64	0	0.0
64	97044960	0.0
65 - 127	5984504599	4.3
128 - 255	12163133655	8.7
256 - 511	24322065809	17.5
512 - 1023	48648348561	35.1
1024 - 1518	47030380493	34.0
> 1518	0	0.0
Total	138245478077	

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	

Detailed Streams Statistics

Stream 1

	Average	Minimum	Maximum
Throughput (Mbit/s)	9499.99	9499.94	9500.04
Jitter (ms)	0.00006	< 0.00001	0.00929
Latency (ms)	3.58345	3.57669	3.59214
	Seconds	Count	Rate
Frame Loss	1	1	7.2E-12
Out-of-Sequence	1	1	7.2E-12

Stream 2

	Average	Minimum	Maximum
Throughput (Mbit/s)	--	--	--
Jitter (ms)	--	--	--
Latency (ms)	--	--	--
	Seconds	Count	Rate
Frame Loss	--	--	--
Out-of-Sequence	--	--	--

Stream 3

	Average	Minimum	Maximum
Throughput (Mbit/s)	--	--	--
Jitter (ms)	--	--	--
Latency (ms)	--	--	--
	Seconds	Count	Rate
Frame Loss	--	--	--
Out-of-Sequence	--	--	--

Stream 4

	Average	Minimum	Maximum
Throughput (Mbit/s)	--	--	--
Jitter (ms)	--	--	--
Latency (ms)	--	--	--
	Seconds	Count	Rate
Frame Loss	--	--	--
Out-of-Sequence	--	--	--

Stream 5

	Average	Minimum	Maximum
Throughput (Mbit/s)	--	--	--
Jitter (ms)	--	--	--
Latency (ms)	--	--	--
	Seconds	Count	Rate
Frame Loss	--	--	--
Out-of-Sequence	--	--	--

Stream 6

	Average	Minimum	Maximum
Throughput (Mbit/s)	--	--	--
Jitter (ms)	--	--	--
Latency (ms)	--	--	--
	Seconds	Count	Rate
Frame Loss	--	--	--
Out-of-Sequence	--	--	--

Stream 7

	Average	Minimum	Maximum
Throughput (Mbit/s)	--	--	--
Jitter (ms)	--	--	--
Latency (ms)	--	--	--
	Seconds	Count	Rate
Frame Loss	--	--	--
Out-of-Sequence	--	--	--

Stream 8

	Average	Minimum	Maximum
Throughput (Mbit/s)	--	--	--
Jitter (ms)	--	--	--
Latency (ms)	--	--	--
	Seconds	Count	Rate
Frame Loss	--	--	--
Out-of-Sequence	--	--	--

Stream 9

	Average	Minimum	Maximum
Throughput (Mbit/s)	--	--	--
Jitter (ms)	--	--	--
Latency (ms)	--	--	--
	Seconds	Count	Rate
Frame Loss	--	--	--
Out-of-Sequence	--	--	--

Stream 10

	Average	Minimum	Maximum
Throughput (Mbit/s)	--	--	--
Jitter (ms)	--	--	--
Latency (ms)	--	--	--
	Seconds	Count	Rate
Frame Loss	--	--	--
Out-of-Sequence	--	--	--

Stream 11

	Average	Minimum	Maximum
Throughput (Mbit/s)	--	--	--
Jitter (ms)	--	--	--
Latency (ms)	--	--	--
	Seconds	Count	Rate
Frame Loss	--	--	--
Out-of-Sequence	--	--	--

Stream 12

	Average	Minimum	Maximum
Throughput (Mbit/s)	--	--	--
Jitter (ms)	--	--	--
Latency (ms)	--	--	--
	Seconds	Count	Rate
Frame Loss	--	--	--
Out-of-Sequence	--	--	--

Stream 13

	Average	Minimum	Maximum
Throughput (Mbit/s)	--	--	--
Jitter (ms)	--	--	--
Latency (ms)	--	--	--
	Seconds	Count	Rate
Frame Loss	--	--	--
Out-of-Sequence	--	--	--

Stream 14

	Average	Minimum	Maximum
Throughput (Mbit/s)	--	--	--
Jitter (ms)	--	--	--
Latency (ms)	--	--	--
	Seconds	Count	Rate
Frame Loss	--	--	--
Out-of-Sequence	--	--	--

Stream 15

	Average	Minimum	Maximum
Throughput (Mbit/s)	--	--	--
Jitter (ms)	--	--	--
Latency (ms)	--	--	--
	Seconds	Count	Rate
Frame Loss	--	--	--
Out-of-Sequence	--	--	--

Stream 16

	Average	Minimum	Maximum
Throughput (Mbit/s)	--	--	--
Jitter (ms)	--	--	--
Latency (ms)	--	--	--
	Seconds	Count	Rate
Frame Loss	--	--	--
Out-of-Sequence	--	--	--

TEST SETUP

Clock Synchronization	
Clock Mode	Internal

Detailed Streams Configuration

IP Version	IPv4
QoS Metrics Tag Insertion	Enabled
Total Enabled TX Rate (Mbit/s)	9500.00
Global Pass/Fail Verdict	Enabled
Global Throughput Threshold	Current Throughput
Global Frame Loss Threshold	Rate
Global Out-of-Sequence Threshold	Rate

Stream 1

Stream Profile	
Stream Name	Stream 1
Profile	Data
Frame Size Type	Random

Shaping	
Enable TX	Enabled
TX Mode	Continuous
TX Rate (Mbit/s)	9500.00

QoS Metrics			
	Pass/Fail Verdict	Thresholds	
		Min	Max
Throughput (Mbit/s)	Disabled	Disabled	Disabled
Frame Loss	Enabled		1.0E-04
Jitter (ms)	Enabled		2.00000
Latency (ms)	Enabled		28.00000
Out-of-Sequence	Enabled		1.0E-06

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:DD	10.112.0.1 / 255.255.255.0	49184
Destination	00:03:01:F8:29:CE	10.112.0.100	7

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

Payload	
User Defined Header	
Payload	PRBS31

Stream 2

Stream Profile	
Stream Name	Stream 2
Profile	Data
Frame Size Type	Fixed
Frame Size (Bytes)	64

Shaping	
Enable TX	Disabled
TX Mode	Continuous
TX Rate (Mbit/s)	10000.00

QoS Metrics			
		Thresholds	
	Pass/Fail Verdict	Min	Max
Throughput (Mbit/s)	Enabled	0.00	10700.00
Frame Loss	Enabled		1.0E-14
Jitter (ms)	Enabled		15.00000
Latency (ms)	Enabled		75.00000
Out-of-Sequence	Enabled		1.0E-16

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:DD	10.112.0.1 / 255.255.255.0	49184
Destination	00:03:01:F8:29:96	10.10.34.216	7

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

Payload

User Defined Header

Payload	PRBS31
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Stream 3**Stream Profile**

Stream Name	Stream 3
Profile	Data
Frame Size Type	Fixed
Frame Size (Bytes)	64

Shaping

Enable TX	Disabled
TX Mode	Continuous
TX Rate (Mbit/s)	10000.00

QoS Metrics

		Thresholds	
	Pass/Fail Verdict	Min	Max
Throughput (Mbit/s)	Enabled	0.00	10700.00
Frame Loss	Enabled		1.0E-14
Jitter (ms)	Enabled		15.00000
Latency (ms)	Enabled		75.00000
Out-of-Sequence	Enabled		1.0E-16

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:DD	10.112.0.1 / 255.255.255.0	49184
Destination	00:03:01:F8:29:96	10.10.34.216	7

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

Payload	
User Defined Header	
Payload	PRBS31

Stream 4

Stream Profile	
Stream Name	Stream 4
Profile	Data
Frame Size Type	Fixed
Frame Size (Bytes)	64

Shaping	
Enable TX	Disabled
TX Mode	Continuous
TX Rate (Mbit/s)	10000.00

QoS Metrics			
		Thresholds	
	Pass/Fail Verdict	Min	Max
Throughput (Mbit/s)	Enabled	0.00	10700.00
Frame Loss	Enabled		1.0E-14
Jitter (ms)	Enabled		15.00000
Latency (ms)	Enabled		75.00000
Out-of-Sequence	Enabled		1.0E-16

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:DD	10.112.0.1 / 255.255.255.0	49184
Destination	00:03:01:F8:29:96	10.10.34.216	7

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

Payload

User Defined Header

Payload	PRBS31
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Stream 5**Stream Profile**

Stream Name	Stream 5
Profile	Data
Frame Size Type	Fixed
Frame Size (Bytes)	64

Shaping

Enable TX	Disabled
TX Mode	Continuous
TX Rate (Mbit/s)	10000.00

QoS Metrics

		Thresholds	
	Pass/Fail Verdict	Min	Max
Throughput (Mbit/s)	Enabled	0.00	10700.00
Frame Loss	Enabled		1.0E-14
Jitter (ms)	Enabled		15.00000
Latency (ms)	Enabled		75.00000
Out-of-Sequence	Enabled		1.0E-16

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:DD	10.112.0.1 / 255.255.255.0	49184
Destination	00:03:01:F8:29:96	10.10.34.216	7

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

Payload	
User Defined Header	
Payload	PRBS31

Stream 6

Stream Profile	
Stream Name	Stream 6
Profile	Data
Frame Size Type	Fixed
Frame Size (Bytes)	64

Shaping	
Enable TX	Disabled
TX Mode	Continuous
TX Rate (Mbit/s)	10000.00

QoS Metrics			
		Thresholds	
	Pass/Fail Verdict	Min	Max
Throughput (Mbit/s)	Enabled	0.00	10700.00
Frame Loss	Enabled		1.0E-14
Jitter (ms)	Enabled		15.00000
Latency (ms)	Enabled		75.00000
Out-of-Sequence	Enabled		1.0E-16

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:DD	10.112.0.1 / 255.255.255.0	49184
Destination	00:03:01:F8:29:96	10.10.34.216	7

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

Payload

User Defined Header

Payload	PRBS31
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Stream 7**Stream Profile**

Stream Name	Stream 7
Profile	Data
Frame Size Type	Fixed
Frame Size (Bytes)	64

Shaping

Enable TX	Disabled
TX Mode	Continuous
TX Rate (Mbit/s)	10000.00

QoS Metrics

		Thresholds	
	Pass/Fail Verdict	Min	Max
Throughput (Mbit/s)	Enabled	0.00	10700.00
Frame Loss	Enabled		1.0E-14
Jitter (ms)	Enabled		15.00000
Latency (ms)	Enabled		75.00000
Out-of-Sequence	Enabled		1.0E-16

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:DD	10.112.0.1 / 255.255.255.0	49184
Destination	00:03:01:F8:29:96	10.10.34.216	7

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

Payload	
User Defined Header	
Payload	PRBS31

Stream 8

Stream Profile	
Stream Name	Stream 8
Profile	Data
Frame Size Type	Fixed
Frame Size (Bytes)	64

Shaping	
Enable TX	Disabled
TX Mode	Continuous
TX Rate (Mbit/s)	10000.00

QoS Metrics			
		Thresholds	
	Pass/Fail Verdict	Min	Max
Throughput (Mbit/s)	Enabled	0.00	10700.00
Frame Loss	Enabled		1.0E-14
Jitter (ms)	Enabled		15.00000
Latency (ms)	Enabled		75.00000
Out-of-Sequence	Enabled		1.0E-16

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:DD	10.112.0.1 / 255.255.255.0	49184
Destination	00:03:01:F8:29:96	10.10.34.216	7

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

Payload

User Defined Header

Payload	PRBS31
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Stream 9**Stream Profile**

Stream Name	Stream 9
Profile	Data
Frame Size Type	Fixed
Frame Size (Bytes)	64

Shaping

Enable TX	Disabled
TX Mode	Continuous
TX Rate (Mbit/s)	10000.00

QoS Metrics

		Thresholds	
	Pass/Fail Verdict	Min	Max
Throughput (Mbit/s)	Enabled	0.00	10700.00
Frame Loss	Enabled		1.0E-14
Jitter (ms)	Enabled		15.00000
Latency (ms)	Enabled		75.00000
Out-of-Sequence	Enabled		1.0E-16

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:DD	10.112.0.1 / 255.255.255.0	49184
Destination	00:03:01:F8:29:96	10.10.34.216	7

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

Payload	
User Defined Header	
Payload	PRBS31

Stream 10

Stream Profile	
Stream Name	Stream 10
Profile	Data
Frame Size Type	Fixed
Frame Size (Bytes)	64

Shaping	
Enable TX	Disabled
TX Mode	Continuous
TX Rate (Mbit/s)	10000.00

QoS Metrics			
		Thresholds	
	Pass/Fail Verdict	Min	Max
Throughput (Mbit/s)	Enabled	0.00	10700.00
Frame Loss	Enabled		1.0E-14
Jitter (ms)	Enabled		15.00000
Latency (ms)	Enabled		75.00000
Out-of-Sequence	Enabled		1.0E-16

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:DD	10.112.0.1 / 255.255.255.0	49184
Destination	00:03:01:F8:29:96	10.10.34.216	7

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

Payload

User Defined Header

Payload	PRBS31
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Stream 11**Stream Profile**

Stream Name	Stream 11
Profile	Data
Frame Size Type	Fixed
Frame Size (Bytes)	64

Shaping

Enable TX	Disabled
TX Mode	Continuous
TX Rate (Mbit/s)	10000.00

QoS Metrics

		Thresholds	
	Pass/Fail Verdict	Min	Max
Throughput (Mbit/s)	Enabled	0.00	10700.00
Frame Loss	Enabled		1.0E-14
Jitter (ms)	Enabled		15.00000
Latency (ms)	Enabled		75.00000
Out-of-Sequence	Enabled		1.0E-16

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:DD	10.112.0.1 / 255.255.255.0	49184
Destination	FE:FE:FE:FE:FE:FE	10.10.34.221	7

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

Payload	
User Defined Header	
Payload	PRBS31

Stream 12

Stream Profile	
Stream Name	Stream 12
Profile	Data
Frame Size Type	Fixed
Frame Size (Bytes)	64

Shaping	
Enable TX	Disabled
TX Mode	Continuous
TX Rate (Mbit/s)	10000.00

QoS Metrics			
		Thresholds	
	Pass/Fail Verdict	Min	Max
Throughput (Mbit/s)	Enabled	0.00	10700.00
Frame Loss	Enabled		1.0E-14
Jitter (ms)	Enabled		15.00000
Latency (ms)	Enabled		75.00000
Out-of-Sequence	Enabled		1.0E-16

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:DD	10.112.0.1 / 255.255.255.0	49184
Destination	FE:FE:FE:FE:FE:FE	10.10.34.221	7

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

Payload

User Defined Header

Payload	PRBS31
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Stream 13**Stream Profile**

Stream Name	Stream 13
Profile	Data
Frame Size Type	Fixed
Frame Size (Bytes)	64

Shaping

Enable TX	Disabled
TX Mode	Continuous
TX Rate (Mbit/s)	10000.00

QoS Metrics

		Thresholds	
	Pass/Fail Verdict	Min	Max
Throughput (Mbit/s)	Enabled	0.00	10700.00
Frame Loss	Enabled		1.0E-14
Jitter (ms)	Enabled		15.00000
Latency (ms)	Enabled		75.00000
Out-of-Sequence	Enabled		1.0E-16

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:DD	10.112.0.1 / 255.255.255.0	49184
Destination	FE:FE:FE:FE:FE:FE	10.10.34.221	7

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

Payload	
User Defined Header	
Payload	PRBS31

Stream 14

Stream Profile	
Stream Name	Stream 14
Profile	Data
Frame Size Type	Fixed
Frame Size (Bytes)	64

Shaping	
Enable TX	Disabled
TX Mode	Continuous
TX Rate (Mbit/s)	10000.00

QoS Metrics			
		Thresholds	
	Pass/Fail Verdict	Min	Max
Throughput (Mbit/s)	Enabled	0.00	10700.00
Frame Loss	Enabled		1.0E-14
Jitter (ms)	Enabled		15.00000
Latency (ms)	Enabled		75.00000
Out-of-Sequence	Enabled		1.0E-16

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:DD	10.112.0.1 / 255.255.255.0	49184
Destination	FE:FE:FE:FE:FE:FE	10.10.34.221	7

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

Payload

User Defined Header

Payload	PRBS31
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Stream 15**Stream Profile**

Stream Name	Stream 15
Profile	Data
Frame Size Type	Fixed
Frame Size (Bytes)	64

Shaping

Enable TX	Disabled
TX Mode	Continuous
TX Rate (Mbit/s)	10000.00

QoS Metrics

		Thresholds	
	Pass/Fail Verdict	Min	Max
Throughput (Mbit/s)	Enabled	0.00	10700.00
Frame Loss	Enabled		1.0E-14
Jitter (ms)	Enabled		15.00000
Latency (ms)	Enabled		75.00000
Out-of-Sequence	Enabled		1.0E-16

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:DD	10.112.0.1 / 255.255.255.0	49184
Destination	FE:FE:FE:FE:FE:FE	10.10.34.221	7

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

Payload	
User Defined Header	
Payload	PRBS31

Stream 16

Stream Profile	
Stream Name	Stream 16
Profile	Data
Frame Size Type	Fixed
Frame Size (Bytes)	64

Shaping	
Enable TX	Disabled
TX Mode	Continuous
TX Rate (Mbit/s)	10000.00

QoS Metrics			
		Thresholds	
	Pass/Fail Verdict	Min	Max
Throughput (Mbit/s)	Enabled	0.00	10700.00
Frame Loss	Enabled		1.0E-14
Jitter (ms)	Enabled		15.00000
Latency (ms)	Enabled		75.00000
Out-of-Sequence	Enabled		1.0E-16

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:DD	10.112.0.1 / 255.255.255.0	49184
Destination	FE:FE:FE:FE:FE:FE	10.10.34.221	7

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

Payload	
User Defined Header	
Payload	PRBS31

FUNCTIONS

Bidirectional Forwarding Detection

Local IP Address	10.112.0.1
Remote IP Address	0.0.0.0
IP TOS/DS	0x00
Desired Min TX Interval (ms)	100
Required Min RX Interval (ms)	100
Detect Multiplier	3
Session State	--
Diagnostic	--

Statistics	
Packets Transmitted	0
Packets Received	0

Neighbor Status	
Session State	--
Diagnostic	--
Desired Min TX Interval (ms)	--
Required Min RX Interval (ms)	--
Detect Multiplier	--

Ping & Trace Route

Network	
Source MAC Address	00:03:01:F8:22:DD
Source IP Address	10.112.0.1 (Stream 1)
Destination IP Address	10.112.0.100

Ping	
Timeout (ms)	500
Delay (ms)	500
Data Size (Bytes)	32
TTL	128
Type Of Service (TOS)	0x00

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

Trace Route	
Timeout (ms)	4000
Max Hop Count	128

Filters & Packet Capture

Filters

Filter 1

Filter Configuration		Filter Results	
Enabled Time	--	Traffic	Frame Count
Filter	None	Total RX	--
Value			
Mask			

Filter 2

Filter Configuration		Filter Results	
Enabled Time	--	Traffic	Frame Count
Filter	None	Total RX	--
Value			
Mask			

Filter 3

Filter Configuration		Filter Results	
Enabled Time	--	Traffic	Frame Count
Filter	None	Total RX	--
Value			
Mask			

Filter 4

Filter Configuration		Filter Results	
Enabled Time	--	Traffic	Frame Count
Filter	None	Total RX	--
Value			
Mask			

Filter 5

Filter Configuration		Filter Results	
Enabled Time	--	Traffic	Frame Count
Filter	None	Total RX	--
Value			
Mask			

Filter 6

Filter Configuration		Filter Results	
Enabled Time	--	Traffic	Frame Count
Filter	None	Total RX	--
Value			
Mask			

Filter 7

Filter Configuration		Filter Results	
Enabled Time	--	Traffic	Frame Count
Filter	None	Total RX	--
Value			
Mask			

Filter 8

Filter Configuration		Filter Results	
Enabled Time	--	Traffic	Frame Count
Filter	None	Total RX	--
Value			
Mask			

Filter 9

Filter Configuration		Filter Results	
Enabled Time	--	Traffic	Frame Count
Filter	None	Total RX	--
Value			
Mask			

Filter 10

Filter Configuration		Filter Results	
Enabled Time	--	Traffic	Frame Count
Filter	None	Total RX	--
Value			
Mask			

SYSTEM INFORMATION

Product Name	Power Blazer Series
Version	Power Blazer Series 1.75
Module ID	FTBx-8870
Slot ID	1
Software Product Version	1.75.0.85
	Power Blazer Series 1.75
Assembly Hardware Revision	B
Serial Number	1343183
Calibration Date	4/20/2020 9:30:00 PM

Pluggable Module

Module ID	SFP+
Vendor Name	WFS
Part Number	10GB-SFP-LR-JN
Serial Number	WFJNXPL917
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)	27.1 °C

Software Options

DS1-FDL	DS1/1.5M Facility Data Link	Disabled
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	10/14 10:20:38 AM	Test Started		2021-10-14
2	10/14 01:28:32 PM	Frame Loss	00:00:01	1/1 S(1)
3	10/15 12:43:53 AM	OOSeq	00:00:01	1/1 S(1)
4	10/15 12:34:14 PM	Test Stopped		 PASS