



FTBx-88260 Report

| K-20 Layer-2 Test

FAIL

Report Header: K-20 Layer-2 Test
Report Title: K-20 Layer-2 Test
Report Date: 7/17/2025 3:09:22 PM
Type: EtherSAM (Y.1564)

Job Information

Job ID: RTASK4526494
Circuit ID: Fatbeam: FETH/WAMOS/TRAN/10G/004455
Contractor Name:
Customer Name: moseslake-k12
Operator Name: kithc
Comment: This test was done using Fatbeam exfo connected to the circuit

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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	7/17/2025 03:04:32 PM
Duration	00d:00:02:38
Test Recovery	0

EtherSAM

Services Summary			
	Service Name	Service Configuration Test	Service Performance Test
1	Standard Test	FAIL	FAIL

Service Configuration Summary						
	Service Name	Frame Loss Rate	Max Jitter (ms)	Max Latency (ms)	Max Throughput (Mbit/s)	Service Verdict
1	Standard Test	1.6E-01	0.03841	5.57706	2573.8	FAIL

Service Performance Summary						
	Service Name	Frame Loss Rate	Max Jitter (ms)	Max Latency (ms)	Avg Throughput (Mbit/s)	Service Verdict
1	Standard Test	1.6E-01	0.02130	5.57180	2573.8	FAIL

VLAN Preservation	No Mismatch Detected
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RX Power Level		
	Min	Max
Power Range (dBm)	-10.60	4.50
Optical Lane	RX Power Level (dBm)	
	Min	Max
0	1.51	1.58
1	1.10	1.16
2	1.66	1.74
3	0.13	0.21

RX Frequency		
CAUI-4 Lane	Frequency Offset (ppm)	
	Max Negative Offset	Max Positive Offset
0	0.0	0.4
1	0.0	0.4
2	0.0	0.4
3	0.0	0.4

Alarms/Errors

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

Interface				
Optical Lane	LOS	CAUI-4 Lane	LOC Lane	Frequency
	Seconds		Seconds	Seconds
0	0	0	0	0
1	0	1	0	0
2	0	2	0	0
3	0	3	0	0

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

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

PCS Lanes	
Alarms	Seconds
LOA	0
Invalid Mapping	0

PCS Lanes			
PCS Lane	LOBL	LOAML	Excessive Skew
Alarms	Seconds	Seconds	Seconds
0	0	0	0
1	0	0	0
2	0	0	0
3	0	0	0
4	0	0	0
5	0	0	0
6	0	0	0
7	0	0	0
8	0	0	0
9	0	0	0
10	0	0	0
11	0	0	0
12	0	0	0
13	0	0	0
14	0	0	0
15	0	0	0
16	0	0	0
17	0	0	0
18	0	0	0
19	0	0	0
Skew Alarm Threshold (bits)		928	

PCS Lanes						
PCS Lane	Block			Inv. Marker		
Errors	Seconds	Count	Rate	Seconds	Count	Rate
0	0	0	0.00E00	0	0	0.00E00
1	0	0	0.00E00	0	0	0.00E00
2	0	0	0.00E00	0	0	0.00E00
3	0	0	0.00E00	0	0	0.00E00
4	0	0	0.00E00	0	0	0.00E00
5	0	0	0.00E00	0	0	0.00E00
6	0	0	0.00E00	0	0	0.00E00
7	0	0	0.00E00	0	0	0.00E00
8	0	0	0.00E00	0	0	0.00E00
9	0	0	0.00E00	0	0	0.00E00
10	0	0	0.00E00	0	0	0.00E00
11	0	0	0.00E00	0	0	0.00E00
12	0	0	0.00E00	0	0	0.00E00
13	0	0	0.00E00	0	0	0.00E00
14	0	0	0.00E00	0	0	0.00E00
15	0	0	0.00E00	0	0	0.00E00
16	0	0	0.00E00	0	0	0.00E00
17	0	0	0.00E00	0	0	0.00E00
18	0	0	0.00E00	0	0	0.00E00
19	0	0	0.00E00	0	0	0.00E00

PCS Lanes			
PCS Lane Errors	BIP-8		
	Seconds	Count	Rate
0	0	0	0.00E00
1	0	0	0.00E00
2	0	0	0.00E00
3	0	0	0.00E00
4	0	0	0.00E00
5	0	0	0.00E00
6	0	0	0.00E00
7	0	0	0.00E00
8	0	0	0.00E00
9	0	0	0.00E00
10	0	0	0.00E00
11	0	0	0.00E00
12	0	0	0.00E00
13	0	0	0.00E00
14	0	0	0.00E00
15	0	0	0.00E00
16	0	0	0.00E00
17	0	0	0.00E00
18	0	0	0.00E00
19	0	0	0.00E00

Clock Sync	
Alarm	Seconds
LOC	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	EtherSAM (Y.1564)
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Topology	Single Port
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Interface	Port B1
Interface/Rate	100GE (4 Lanes) [103.125 Gbit/s]
PHY Type	LR4/ER4
Connector	QSFP28

Flow Control	None
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EtherSAM

Pass/Fail Verdict	Enabled
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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)	9500.0
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Services Summary								
	Service Name	Profile	Frame Size (Bytes)	CIR (Mbit/s)	Max Jitter (ms)	Max Latency (ms)	Frame Loss Rate	CBS (Bytes)
1	Standard Test	Data	EMIX	9500.0	2.00000	28.00000	1.0E-04	--

TEST RESULTS

Ethernet Traffic

Frame Type	TX Count	RX Count
Multicast	0	5
Broadcast	2	0
Unicast	76045764	63371496
Non-Unicast	2	5
Total	76045766	63371501

Frame Size (Bytes)	RX Count	%
< 64	0	0.0
64	0	0.0
65 - 127	12674424	20.0
128 - 255	12674268	19.9
256 - 511	5	0.0
512 - 1023	12674268	19.9
1024 - 1518	25348536	39.9
> 1518	0	0.0
Total	63371501	

Detailed EtherSAM Results

Service Configuration Test

Service 1 : Standard Test

Committed Steps					
Committed Step	Frame Loss Rate	Max Jitter (ms)	Max Latency (ms)	Verdict	Avg Throughput (Mbit/s)
1-50%CIR	1.6E-01	0.03841	5.57706	FAIL	1286.9
2-75%CIR	1.6E-01	0.02759	5.56745	FAIL	1930.4
3-90%CIR	1.6E-01	0.02076	5.56768	FAIL	2316.4
CIR	1.6E-01	0.02072	5.56859	FAIL	2573.8

Service Performance Test

Service 1 : Standard Test

	Average	Minimum	Maximum	Estimate
Throughput (Mbit/s)	2573.8	2573.8	2573.9	N/A
Jitter (ms)	0.00252	< 0.00001	0.02130	0.00258
Latency (ms)	5.54472	5.52070	5.57180	N/A
	Seconds	Count	Rate	
Frame Loss	113	10820584	1.6E-01	
Out-of-Sequence	0	0	0.0E00	

TEST SETUP

Clock Synchronization	
Clock Mode	Internal

Detailed Services Configuration

Layer Mode	Mixed
IP Version	IPv4
Global Pass/Fail Verdict	Enabled
Total Committed TX Rate (Mbit/s)	9500.0

Service 1

Service Profile	
Service Name	Standard Test
Profile	Data
Frame Size Type	EMIX
Frame Size (Bytes)	70, 128, 512, 1024, 1518, 9000

SLA Parameters	
Information Rate	
CIR (Mbit/s)	9500.0
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:F8:89:42	10.112.0.1 / 255.255.255.0	49184
Destination	00:03:01:13:09:0C	10.112.0.100	7

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

FUNCTIONS

40/100G Advanced

Lanes Mapping & Skew

TX		CAUI-4 Lane	RX	
PCS Lane	Skew (bits)		Skew (bits)	PCS Lane
0	0	0	15	3
1	0		15	4
2	0		14	0
3	0		14	1
4	0	1	14	2
5	0		38	9
6	0		37	5
7	0		37	6
8	0	2	37	7
9	0		37	8
10	0		23	13
11	0		23	14
12	0	3	22	10
13	0		22	11
14	0		22	12
15	0		1	16
16	0		1	17
17	0		1	18
18	0		1	19
19	0		0	15

PCS Lanes			
PCS Lane	LOBL	LOAML	Excessive Skew
Alarms	Seconds	Seconds	Seconds
0	0	0	0
1	0	0	0
2	0	0	0
3	0	0	0
4	0	0	0
5	0	0	0
6	0	0	0
7	0	0	0
8	0	0	0
9	0	0	0
10	0	0	0
11	0	0	0
12	0	0	0
13	0	0	0
14	0	0	0
15	0	0	0
16	0	0	0
17	0	0	0
18	0	0	0
19	0	0	0
Skew Alarm Threshold (bits)		928	

PCS Lanes						
PCS Lane	Block			Inv. Marker		
Errors	Seconds	Count	Rate	Seconds	Count	Rate
0	0	0	0.00E00	0	0	0.00E00
1	0	0	0.00E00	0	0	0.00E00
2	0	0	0.00E00	0	0	0.00E00
3	0	0	0.00E00	0	0	0.00E00
4	0	0	0.00E00	0	0	0.00E00
5	0	0	0.00E00	0	0	0.00E00
6	0	0	0.00E00	0	0	0.00E00
7	0	0	0.00E00	0	0	0.00E00
8	0	0	0.00E00	0	0	0.00E00
9	0	0	0.00E00	0	0	0.00E00
10	0	0	0.00E00	0	0	0.00E00
11	0	0	0.00E00	0	0	0.00E00
12	0	0	0.00E00	0	0	0.00E00
13	0	0	0.00E00	0	0	0.00E00
14	0	0	0.00E00	0	0	0.00E00
15	0	0	0.00E00	0	0	0.00E00
16	0	0	0.00E00	0	0	0.00E00
17	0	0	0.00E00	0	0	0.00E00
18	0	0	0.00E00	0	0	0.00E00
19	0	0	0.00E00	0	0	0.00E00

PCS Lanes				
PCS Lane	BIP-8			
	Errors	Seconds	Count	Rate
0	0	0	0	0.00E00
1	0	0	0	0.00E00
2	0	0	0	0.00E00
3	0	0	0	0.00E00
4	0	0	0	0.00E00
5	0	0	0	0.00E00
6	0	0	0	0.00E00
7	0	0	0	0.00E00
8	0	0	0	0.00E00
9	0	0	0	0.00E00
10	0	0	0	0.00E00
11	0	0	0	0.00E00
12	0	0	0	0.00E00
13	0	0	0	0.00E00
14	0	0	0	0.00E00
15	0	0	0	0.00E00
16	0	0	0	0.00E00
17	0	0	0	0.00E00
18	0	0	0	0.00E00
19	0	0	0	0.00E00

Ping & Trace Route

Network	
Source MAC Address	00:03:01:F8:89:42
Source IP Address	10.112.0.1 (Stream 1)
Destination IP Address	10.112.0.100

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

Ping Results		
No.	Status	Reply Details
617599	Timeout	
617600	Timeout	
617601	Timeout	
617602	Timeout	
617603	Timeout	
617604	Timeout	
617605	Timeout	
617606	Timeout	
617607	Timeout	
617608	Timeout	
617609	Timeout	
617610	Timeout	
617611	Timeout	
617612	Timeout	
617613	Timeout	
617614	Timeout	
617615	Timeout	
617616	Timeout	
617617	Timeout	
617618	Timeout	
617619	Timeout	
617620	Timeout	
617621	Timeout	
617622	Timeout	
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617639	Timeout	
617640	Timeout	
617641	Timeout	
617642	Timeout	
617643	Timeout	
617644	Timeout	
617645	Timeout	
617646	Timeout	
617647	Timeout	
617648	Timeout	
617649	Timeout	
617650	Timeout	
617651	Timeout	
617652	Timeout	
617653	Timeout	
617654	Timeout	
617655	Timeout	
617656	Timeout	
617657	Timeout	
617658	Timeout	
617659	Timeout	
617660	Timeout	
617661	Timeout	
617662	Timeout	
617663	Timeout	
617664	Timeout	
617665	Timeout	
617666	Timeout	
617667	Timeout	
617668	Timeout	
617669	Timeout	
617670	Timeout	
617671	Timeout	
617672	Timeout	
617673	Timeout	
617674	Timeout	

617675	Timeout	
617676	Timeout	
617677	Timeout	
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617679	Timeout	
617680	Timeout	
617681	Timeout	
617682	Timeout	
617683	Timeout	
617684	Timeout	
617685	Timeout	
617686	Timeout	
617687	Timeout	
617688	Timeout	
617689	Timeout	
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617691	Timeout	
617692	Timeout	
617693	Timeout	
617694	Timeout	
617695	Timeout	
617696	Timeout	
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617698	Timeout	
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617700	Timeout	
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617745	Timeout	
617746	Timeout	
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617751	Timeout	
617752	Timeout	
617753	Timeout	
617754	Timeout	
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617758	Timeout	
617759	Timeout	
617760	Timeout	

617761	Timeout	
617762	Timeout	
617763	Timeout	
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617771	Timeout	
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617773	Timeout	
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617777	Timeout	
617778	Timeout	
617779	Timeout	
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617799	Timeout	
617800	Timeout	
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617823	Timeout	
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617825	Timeout	
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617857	Timeout	
617858	Timeout	
617859	Timeout	
617860	Timeout	
617861	Timeout	
617862	Timeout	
617863	Timeout	
617864	Timeout	
617865	Timeout	
617866	Timeout	
617867	Timeout	
617868	Timeout	
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617901	Timeout	
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617903	Timeout	
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617992	Timeout	
617993	Timeout	
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618019	Timeout	
618020	Timeout	
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618032	Timeout	
618033	Timeout	
618034	Timeout	
618035	Timeout	
618036	Timeout	
618037	Timeout	
618038	Timeout	
618039	Timeout	
618040	Timeout	
618041	Timeout	
618042	Timeout	
618043	Timeout	
618044	Timeout	
618045	Timeout	
618046	Timeout	
618047	Timeout	
618048	Timeout	
618049	Timeout	
618050	Timeout	
618051	Timeout	
618052	Timeout	
618053	Timeout	
618054	Timeout	
618055	Timeout	
618056	Timeout	
618057	Timeout	
618058	Timeout	
618059	Timeout	
618060	Timeout	
618061	Timeout	

618062	Timeout	
618063	Timeout	
618064	Timeout	
618065	Timeout	
618066	Timeout	
618067	Timeout	
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618311	Timeout	
618312	Timeout	
618313	Timeout	
618314	Timeout	
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618316	Timeout	
618317	Timeout	
618318	Timeout	
618319	Timeout	

618320	Timeout	
618321	Timeout	
618322	Timeout	
618323	Timeout	
618324	Timeout	
618325	Timeout	
618326	Timeout	
618327	Timeout	
618328	Timeout	
618329	Timeout	
618330	Timeout	
618331	Successful	IP=10.112.0.100, Bytes=32, Time=5 ms, TTL=127
618332	Successful	IP=10.112.0.100, Bytes=32, Time=5 ms, TTL=127
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618334	Successful	IP=10.112.0.100, Bytes=32, Time=5 ms, TTL=127
618335	Successful	IP=10.112.0.100, Bytes=32, Time=5 ms, TTL=127
618336	Successful	IP=10.112.0.100, Bytes=32, Time=5 ms, TTL=127
618337	Successful	IP=10.112.0.100, Bytes=32, Time=5 ms, TTL=127
618338	Successful	IP=10.112.0.100, Bytes=32, Time=5 ms, TTL=127
618339	Successful	IP=10.112.0.100, Bytes=32, Time=5 ms, TTL=127
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618342	Successful	IP=10.112.0.100, Bytes=32, Time=5 ms, TTL=127
618343	Successful	IP=10.112.0.100, Bytes=32, Time=5 ms, TTL=127
618344	Successful	IP=10.112.0.100, Bytes=32, Time=5 ms, TTL=127
618345	Successful	IP=10.112.0.100, Bytes=32, Time=5 ms, TTL=127
618346	Successful	IP=10.112.0.100, Bytes=32, Time=5 ms, TTL=127
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618350	Successful	IP=10.112.0.100, Bytes=32, Time=5 ms, TTL=127
618351	Successful	IP=10.112.0.100, Bytes=32, Time=5 ms, TTL=127
618352	Successful	IP=10.112.0.100, Bytes=32, Time=5 ms, TTL=127
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618356	Successful	IP=10.112.0.100, Bytes=32, Time=5 ms, TTL=127
618357	Successful	IP=10.112.0.100, Bytes=32, Time=5 ms, TTL=127
618358	Successful	IP=10.112.0.100, Bytes=32, Time=5 ms, TTL=127
618359	Successful	IP=10.112.0.100, Bytes=32, Time=5 ms, TTL=127
618360	Successful	IP=10.112.0.100, Bytes=32, Time=5 ms, TTL=127
618361	Successful	IP=10.112.0.100, Bytes=32, Time=5 ms, TTL=127
618362	Successful	IP=10.112.0.100, Bytes=32, Time=5 ms, TTL=127

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618449	Successful	IP=10.112.0.100, Bytes=32, Time=5 ms, TTL=127
618450	Successful	IP=10.112.0.100, Bytes=32, Time=5 ms, TTL=127
618451	Successful	IP=10.112.0.100, Bytes=32, Time=5 ms, TTL=127
618452	Successful	IP=10.112.0.100, Bytes=32, Time=5 ms, TTL=127
618453	Successful	IP=10.112.0.100, Bytes=32, Time=5 ms, TTL=127
618454	Successful	IP=10.112.0.100, Bytes=32, Time=5 ms, TTL=127
618455	Successful	IP=10.112.0.100, Bytes=32, Time=5 ms, TTL=127
618456	Successful	IP=10.112.0.100, Bytes=32, Time=5 ms, TTL=127
618457	Successful	IP=10.112.0.100, Bytes=32, Time=5 ms, TTL=127
618458	Successful	IP=10.112.0.100, Bytes=32, Time=5 ms, TTL=127
618459	Successful	IP=10.112.0.100, Bytes=32, Time=5 ms, TTL=127
618460	Successful	IP=10.112.0.100, Bytes=32, Time=5 ms, TTL=127
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618462	Successful	IP=10.112.0.100, Bytes=32, Time=5 ms, TTL=127
618463	Successful	IP=10.112.0.100, Bytes=32, Time=5 ms, TTL=127
618464	Successful	IP=10.112.0.100, Bytes=32, Time=5 ms, TTL=127
618465	Successful	IP=10.112.0.100, Bytes=32, Time=5 ms, TTL=127
618466	Successful	IP=10.112.0.100, Bytes=32, Time=5 ms, TTL=127
618467	Successful	IP=10.112.0.100, Bytes=32, Time=5 ms, TTL=127
618468	Successful	IP=10.112.0.100, Bytes=32, Time=5 ms, TTL=127
618469	Successful	IP=10.112.0.100, Bytes=32, Time=5 ms, TTL=127
618470	Successful	IP=10.112.0.100, Bytes=32, Time=5 ms, TTL=127
618471	Successful	IP=10.112.0.100, Bytes=32, Time=5 ms, TTL=127
618472	Successful	IP=10.112.0.100, Bytes=32, Time=5 ms, TTL=127
618473	Successful	IP=10.112.0.100, Bytes=32, Time=5 ms, TTL=127
618474	Successful	IP=10.112.0.100, Bytes=32, Time=5 ms, TTL=127
618475	Successful	IP=10.112.0.100, Bytes=32, Time=5 ms, TTL=127
618476	Successful	IP=10.112.0.100, Bytes=32, Time=5 ms, TTL=127
618477	Successful	IP=10.112.0.100, Bytes=32, Time=5 ms, TTL=127
618478	Successful	IP=10.112.0.100, Bytes=32, Time=5 ms, TTL=127
618479	Successful	IP=10.112.0.100, Bytes=32, Time=5 ms, TTL=127
618480	Successful	IP=10.112.0.100, Bytes=32, Time=5 ms, TTL=127
618481	Successful	IP=10.112.0.100, Bytes=32, Time=5 ms, TTL=127
618482	Successful	IP=10.112.0.100, Bytes=32, Time=5 ms, TTL=127
618483	Successful	IP=10.112.0.100, Bytes=32, Time=5 ms, TTL=127
618484	Successful	IP=10.112.0.100, Bytes=32, Time=5 ms, TTL=127
618485	Successful	IP=10.112.0.100, Bytes=32, Time=5 ms, TTL=127
618486	Successful	IP=10.112.0.100, Bytes=32, Time=5 ms, TTL=127
618487	Successful	IP=10.112.0.100, Bytes=32, Time=5 ms, TTL=127
618488	Successful	IP=10.112.0.100, Bytes=32, Time=5 ms, TTL=127
618489	Successful	IP=10.112.0.100, Bytes=32, Time=5 ms, TTL=127
618490	Successful	IP=10.112.0.100, Bytes=32, Time=5 ms, TTL=127
618491	Successful	IP=10.112.0.100, Bytes=32, Time=5 ms, TTL=127

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618535	Successful	IP=10.112.0.100, Bytes=32, Time=5 ms, TTL=127
618536	Successful	IP=10.112.0.100, Bytes=32, Time=5 ms, TTL=127
618537	Timeout	
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618560	Timeout	
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618598	Timeout	

Ping Statistics

Packets Transmitted	618598
Packets Received	7277
Percentage Lost (%)	98.8
Minimum Round Trip Time (ms)	1
Maximum Round Trip Time (ms)	42
Average Round Trip Time (ms)	4

SYSTEM INFORMATION

Product Name	Power Blazer Series
Version	Power Blazer Series 1.133
Module ID	FTBx-88260
Slot ID	2
Software Product Version	1.133.0.98
	Power Blazer Series 1.133
Assembly Hardware Revision	D
Serial Number	1886704
Calibration Date	2/25/2025 2:48:00 PM

Transceiver System

Transceiver System Insertion Counter	1
ID	TA-QSFP28
Serial Number	1890334
Revision	C
Battery	Good
Optical Module Insertion Counter	3

Pluggable Module

Module ID	QSFP28 or later
Vendor Name	JUNIPER-1G3
Part Number	1G3QAA
Serial Number	1G3TQAAA030J9
Hardware Revision	03
Revision Compliance	8
Connector Type	LC
Speed	25G, 103.125 Gbit/s
Type/Compliance Code	LR, 100GE-LR4-10km, 10.0 km
Mode	SMF
Power Class	Power Class 4 (<= 3.5W)
Temperature (Max)	38.2 °C
CLEI Code	

Software Options

100electrical	Ethernet 100Base-TX (Electrical) Interface	Enabled
100GE	Ethernet 100G	Enabled
100optical	Ethernet 100Base-FX (Optical) Interface	Enabled
10electrical	Ethernet 10Base-T (Electrical) Interface	Enabled
10G_LAN	Ethernet 10G LAN (Optical) and 10GBASE-T (Electrical) interfaces	Enabled
10G_WAN	Ethernet 10G WAN optical interface	Enabled
155M	155 Mbit/s	Disabled
1588PTP	1588 Precision Time Protocol	Disabled
1588PTPGM	1588 Precision Time Protocol Grandmaster Emulation	Disabled
2.5-5GE	Ethernet 2.5GBASE-T and 5GBASE-T (Electrical) interfaces	Disabled
2488M	2.488 Gbit/s	Disabled
25GE	Ethernet 25G	Disabled
40GE	Ethernet 40G	Disabled

50GE	Ethernet 50G	Disabled
52M	52 Mbit/s	Enabled
622M	622 Mbit/s	Disabled
9953M	9.953 Gbit/s	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-24.3G	CPRI 24.33024 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
DCO-100ZR	100ZR	Disabled
DSn	Digital Signal (DS1, DS3)	Disabled
eCPRI-100G	eCPRI over 100G Ethernet	Disabled
eCPRI-10G	eCPRI over 10G Ethernet	Disabled
eCPRI-25G	eCPRI over 25G Ethernet	Disabled
EoE	Ethernet over Ethernet Encapsulation (10GE and less)	Disabled
EoE_40-100GE	Ethernet over Ethernet Encapsulation (40/100GE)	Disabled
EoOTN	Ethernet over Optical Transport Network	Disabled
ETH-OAM	Carrier Ethernet OAM Test Application	Disabled
FC-10X	Fibre Channel 10X	Disabled
FC-16X	Fibre Channel 16X	Disabled
FC-1X	Fibre Channel 1X	Disabled
FC-2X	Fibre Channel 2X	Disabled
FC-32X	Fibre Channel 32X	Disabled
FC-4X	Fibre Channel 4X	Disabled
FC-8X	Fibre Channel 8X	Disabled
FlexE-100G	100G FlexE Group	Disabled
FlexE-200G	200G FlexE Group	Disabled
FlexE-50G	50G FlexE Group	Disabled
FlexE-50G-PHY	FlexE 50G Interface Type	Disabled
FlexE-HiRateClient	FlexE Clients at 150G and above	Disabled
FlexE-LoRateClient	FlexE Clients at 100G and below	Disabled
FlexE-MIX	FlexE Clients at mixed rates	Disabled
G.mtnPathOAM	G.mtn Path OAM	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	Enabled
iSAM	Intelligent Service Activation Methodology	Disabled
L2-Transparency	L2CP Handling Test in EtherSAM	Disabled
LINK-OAM	Link OAM	Disabled
LLDP	LLDP Neighbor Discovery	Disabled
MPLS	MPLS Encapsulation (10GE and less)	Disabled
MPLS_40-100GE	MPLS Encapsulation (40/100GE)	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
OTU3	Optical Transport Unit-3 (43.018 Gbit/s)	Disabled
OTU3-e1-e2	Optical Transport Unit-3 Overclocked (44.571/44.583 Gbit/s)	Disabled
OTU4	Optical Transport Unit-4 (111.81 Gbit/s)	Disabled
Packet-TE	Packet Time Error	Disabled
PBBTE	Provider Backbone Bridge Encapsulation (10GE and less)	Disabled
PBBTE_40-100GE	Provider Backbone Bridge Encapsulation (40/100GE)	Disabled
PDH	Plesiochronous Digital Hierarchy (E1, E3, E4)	Disabled
RFC6349	RFC 6349 Test Application (25GE and less)	Disabled
RFC6349_40-100GE	RFC 6349 Test Application (40/100GE)	Disabled
SDH	Synchronous Digital Hierarchy	Enabled
SONET	Synchronous Optical Network	Enabled
SyncE	Synchronous Ethernet	Disabled
TCM	Tandem Connection Monitoring HO/LO	Disabled
TST-OAM	Test Over Service OAM	Disabled
WANDER	Time Error/Wander Test Application	Disabled

LOGGER

ID	Start Time	Event	Duration	Details
1	07/17 03:04:32 PM	Test Started		2025-07-17
2	07/17 03:04:36 PM	Service Configuration test started		2025-07-17
3	07/17 03:05:05 PM	Service 1 Fail		1 Standard Test
4	07/17 03:05:11 PM	Service Performance test started		2025-07-17
5	07/17 03:05:15 PM	Frame Loss	00:01:56	10820584/10820584 S(1)
6	07/17 03:07:10 PM	RX Rate < 9500.0 Mbit/s	00:00:01	2573.8 Mbit/s S(1)
7	07/17 03:07:10 PM	Frame Loss > 1.0E-04	00:00:01	1.6E-01 S(1)
8	07/17 03:07:10 PM	Service 1 Fail		1 Standard Test
9	07/17 03:07:10 PM	Test Stopped		 FAIL