



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: 7/21/2025 10:41:50 AM
Type: EtherSAM (Y.1564)

Job Information

Job ID: RTASK4536894
Circuit ID: Lightcurve: 901-102-4759
Contractor Name:
Customer Name: bethel-k12
Operator Name: kithc
Comment: Testing original hand off port#10 on Lightcurve equipment using existing fiber from Light Curve

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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	7/21/2025 10:35:41 AM
Duration	00d:00:05:33
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	0.02201	1.78152	2573.5	FAIL

Service Performance Summary						
	Service Name	Frame Loss Rate	Max Jitter (ms)	Max Latency (ms)	Avg Throughput (Mbit/s)	Service Verdict
1	Standard Test	1.7E-01	0.03965	1.80498	2520.8	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	1.57
1	1.09	1.16
2	1.66	1.72
3	0.12	0.20

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	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

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	12
Broadcast	2	1
Unicast	176879658	144559769
Non-Unicast	2	13
Total	176879660	144559782

Frame Size (Bytes)	RX Count	%
< 64	0	0.0
64	3	0.0
65 - 127	28914398	20.0
128 - 255	28913817	20.0
256 - 511	12	0.0
512 - 1023	28912350	20.0
1024 - 1518	57819202	39.9
> 1518	0	0.0
Total	144559782	

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	0.02201	1.78002	FAIL	1286.7
2-75%CIR	1.6E-01	0.01487	1.77741	FAIL	1930.1
3-90%CIR	1.6E-01	0.01265	1.77833	FAIL	2316.1
CIR	1.6E-01	0.01067	1.78152	FAIL	2573.5

Service Performance Test

Service 1 : Standard Test

	Average	Minimum	Maximum	Estimate
Throughput (Mbit/s)	2520.8	0.0	2573.7	N/A
Jitter (ms)	0.00230	< 0.00001	0.03965	0.00245
Latency (ms)	1.76803	1.76189	1.80498	N/A
	Seconds	Count	Rate	
Frame Loss	284	27940125	1.7E-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:F8:29:84	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
785932	Timeout	
785933	Timeout	
785934	Timeout	
785935	Timeout	
785936	Timeout	
785937	Timeout	
785938	Timeout	
785939	Timeout	
785940	Timeout	
785941	Timeout	
785942	Timeout	
785943	Timeout	
785944	Timeout	
785945	Timeout	
785946	Timeout	
785947	Timeout	
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785950	Timeout	
785951	Timeout	
785952	Timeout	
785953	Timeout	
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785959	Timeout	
785960	Timeout	
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785990	Timeout	
785991	Timeout	
785992	Timeout	
785993	Timeout	
785994	Timeout	
785995	Timeout	
785996	Timeout	
785997	Timeout	
785998	Timeout	
785999	Timeout	
786000	Timeout	
786001	Timeout	
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786372	Timeout	
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786374	Timeout	
786375	Timeout	
786376	Timeout	
786377	Timeout	
786378	Timeout	
786379	Timeout	
786380	Timeout	
786381	Timeout	
786382	Timeout	
786383	Timeout	
786384	Timeout	
786385	Timeout	
786386	Timeout	
786387	Timeout	
786388	Timeout	
786389	Timeout	
786390	Timeout	
786391	Timeout	
786392	Timeout	
786393	Timeout	
786394	Timeout	

786395	Timeout	
786396	Timeout	
786397	Timeout	
786398	Timeout	
786399	Timeout	
786400	Timeout	
786401	Timeout	
786402	Timeout	
786403	Timeout	
786404	Timeout	
786405	Timeout	
786406	Timeout	
786407	Timeout	
786408	Timeout	
786409	Timeout	
786410	Timeout	
786411	Timeout	
786412	Timeout	
786413	Timeout	
786414	Timeout	
786415	Timeout	
786416	Timeout	
786417	Timeout	
786418	Timeout	
786419	Timeout	
786420	Timeout	
786421	Timeout	
786422	Timeout	
786423	Timeout	
786424	Timeout	
786425	Timeout	
786426	Timeout	
786427	Timeout	
786428	Timeout	
786429	Timeout	
786430	Timeout	
786431	Timeout	
786432	Timeout	
786433	Timeout	
786434	Timeout	
786435	Timeout	
786436	Timeout	
786437	Timeout	

786438	Timeout	
786439	Timeout	
786440	Timeout	
786441	Timeout	
786442	Timeout	
786443	Timeout	
786444	Timeout	
786445	Timeout	
786446	Timeout	
786447	Timeout	
786448	Timeout	
786449	Timeout	
786450	Timeout	
786451	Timeout	
786452	Timeout	
786453	Timeout	
786454	Timeout	
786455	Successful	IP=10.112.0.100, Bytes=32, Time=5 ms, TTL=127
786456	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786457	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786458	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786459	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786460	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786461	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786462	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786463	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786464	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786465	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786466	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786467	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786468	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786469	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786470	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786471	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786472	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786473	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786474	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786475	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786476	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786477	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786478	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786479	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786480	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127

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786567	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786568	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786569	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786570	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786571	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786572	Successful	IP=10.112.0.100, Bytes=32, Time=21 ms, TTL=127
786573	Successful	IP=10.112.0.100, Bytes=32, Time=6 ms, TTL=127
786574	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786575	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786576	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786577	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786578	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786579	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786580	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786581	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786582	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786583	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786584	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786585	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786586	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786587	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786588	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786589	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786590	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786591	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786592	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786593	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786594	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786595	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786596	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786597	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786598	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786599	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786600	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786601	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786602	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786603	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786604	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786605	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786606	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786607	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786608	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786609	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127

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786696	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786697	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786698	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786699	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786700	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786701	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786702	Timeout	
786703	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786704	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786705	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786706	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786707	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786708	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786709	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786710	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786711	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786712	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786713	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786714	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786715	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786716	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786717	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786718	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786719	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786720	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786721	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786722	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786723	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786724	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786725	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786726	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786727	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786728	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786729	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786730	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786731	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786732	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786733	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786734	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786735	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786736	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786737	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786738	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127

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786868	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786869	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786870	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786871	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786872	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786873	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786874	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786875	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786876	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786877	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786878	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786879	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786880	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786881	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786882	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786883	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786884	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786885	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786886	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786887	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786888	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786889	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786890	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786891	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786892	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786893	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786894	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786895	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786896	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786897	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786898	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786899	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786900	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786901	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786902	Timeout	
786903	Timeout	
786904	Timeout	
786905	Successful	IP=10.112.0.100, Bytes=32, Time=5 ms, TTL=127
786906	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786907	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786908	Timeout	
786909	Timeout	
786910	Timeout	

786911	Timeout	
786912	Timeout	
786913	Timeout	
786914	Timeout	
786915	Timeout	
786916	Timeout	
786917	Timeout	
786918	Timeout	
786919	Timeout	
786920	Timeout	
786921	Timeout	
786922	Successful	IP=10.112.0.100, Bytes=32, Time=4 ms, TTL=127
786923	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786924	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786925	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786926	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786927	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786928	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786929	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786930	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
786931	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127

Ping Statistics

Packets Transmitted	786931
Packets Received	12691
Percentage Lost (%)	98.4
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)	38.8 °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	07/21 10:35:41 AM	Test Started		2025-07-21
2	07/21 10:35:45 AM	Service Configuration test started		2025-07-21
3	07/21 10:36:13 AM	Service 1 Fail		1 Standard Test
4	07/21 10:36:19 AM	Service Performance test started		2025-07-21
5	07/21 10:36:23 AM	Frame Loss	00:01:23	7880473/7880473 S(1)
6	07/21 10:37:47 AM	Frame Loss	00:03:21	20059652/27940125 S(1)
7	07/21 10:41:14 AM	RX Rate < 9500.0 Mbit/s	00:00:01	2520.8 Mbit/s S(1)
8	07/21 10:41:14 AM	Frame Loss > 1.0E-04	00:00:01	1.7E-01 S(1)
9	07/21 10:41:14 AM	Service 1 Fail		1 Standard Test
10	07/21 10:41:14 AM	Test Stopped		 FAIL