



FTBx-88260 Report

| K-20 Layer-2 Test |

PASS

Report Header:	K-20 Layer-2 Test
Report Title:	K-20 Layer-2 Test
Report Date:	7/21/2025 11:07:40 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:	Tested new 10G hand-off from Light Curve for the 2x10G LAG

Table of contents

SUMMARY 1

TEST RESULTS 7

TEST SETUP 9

FUNCTIONS 12

SYSTEM INFORMATION 39

LOGGER 43

SUMMARY

Results Summary

Test Status	
Service Configuration Test Status	Completed, Pass
Service Performance Test Status	Completed, Pass
Pass/Fail Verdict	PASS
Start Time	7/21/2025 10:52:16 AM
Duration	00d:00:10:48
Test Recovery	0

EtherSAM

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

Service Configuration Summary						
	Service Name	Frame Loss Rate	Max Jitter (ms)	Max Latency (ms)	Max Throughput (Mbit/s)	Service Verdict
1	Standard Test	0.0E-00	0.02799	1.80081	9499.9	PASS

Service Performance Summary						
	Service Name	Frame Loss Rate	Max Jitter (ms)	Max Latency (ms)	Avg Throughput (Mbit/s)	Service Verdict
1	Standard Test	0.0E-00	0.03113	1.83806	9499.9	PASS

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	0.13	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	None

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
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PCS Lanes						
PCS Lane Errors	Block			Inv. Marker		
	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)
Topology	Single Port

Interface	Port B1
Interface/Rate	100GE (4 Lanes) [103.125 Gbit/s]
PHY Type	LR4/ER4
Connector	QSFP28
Flow Control	None

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	24
Broadcast	2	0
Unicast	354609467	354609466
Non-Unicast	2	24
Total	354609469	354609490

Frame Size (Bytes)	RX Count	%
< 64	0	0.0
64	3	0.0
65 - 127	59102115	16.6
128 - 255	59101470	16.6
256 - 511	24	0.0
512 - 1023	59101470	16.6
1024 - 1518	118202939	33.3
> 1518	59101469	16.6
Total	354609490	

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	0.0E-00	0.02799	1.80074	PASS	4749.9
2-75%CIR	0.0E-00	0.01732	1.79987	PASS	7124.9
3-90%CIR	0.0E-00	0.01325	1.80081	PASS	8549.9
CIR	0.0E-00	0.01193	1.79960	PASS	9499.9

Service Performance Test

Service 1 : Standard Test

	Average	Minimum	Maximum	Estimate
Throughput (Mbit/s)	9499.9	9499.9	9500.1	N/A
Jitter (ms)	0.00275	< 0.00001	0.03113	0.00243
Latency (ms)	1.78653	1.76244	1.83806	N/A
	Seconds	Count	Rate	
Frame Loss	0	0	0.0E00	
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
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PCS Lanes						
PCS Lane Errors	Block			Inv. Marker		
	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

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
787354	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127

[illegible]

787398	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
787399	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
787400	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
787401	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
787402	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
787403	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
787404	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
787405	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
787406	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
787407	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
787408	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
787409	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
787410	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
787411	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
787412	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
787413	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
787414	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
787415	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
787416	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
787417	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
787418	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
787419	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
787420	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
787421	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
787422	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
787423	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
787424	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
787425	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
787426	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
787427	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
787428	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
787429	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
787430	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
787431	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
787432	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
787433	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
787434	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
787435	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
787436	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
787437	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
787438	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
787439	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
787440	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127

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787527	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
787528	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
787529	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
787530	Timeout	
787531	Timeout	
787532	Successful	IP=10.112.0.100, Bytes=32, Time=5 ms, TTL=127
787533	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
787534	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
787535	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
787536	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
787537	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
787538	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
787539	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
787540	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
787541	Successful	IP=10.112.0.100, Bytes=32, Time=20 ms, TTL=127
787542	Successful	IP=10.112.0.100, Bytes=32, Time=6 ms, TTL=127
787543	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
787544	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
787545	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
787546	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
787547	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
787548	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
787549	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
787550	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
787551	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
787552	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
787553	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
787554	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
787555	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
787556	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
787557	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
787558	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
787559	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
787560	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
787561	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
787562	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
787563	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
787564	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
787565	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
787566	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
787567	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
787568	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
787569	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127

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787699	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
787700	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
787701	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
787702	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
787703	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
787704	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
787705	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
787706	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
787707	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
787708	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
787709	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
787710	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
787711	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
787712	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
787713	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
787714	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
787715	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
787716	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
787717	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
787718	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
787719	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
787720	Successful	IP=10.112.0.100, Bytes=32, Time=2 ms, TTL=127
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788350	Timeout	
788351	Timeout	
788352	Timeout	
788353	Timeout	

Ping Statistics	
Packets Transmitted	788353
Packets Received	14045
Percentage Lost (%)	98.2
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)	38.9 °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 10:52:16 AM	Test Started		2025-07-21
2	07/21 10:52:20 AM	Service Configuration test started		2025-07-21
3	07/21 10:52:54 AM	Service Performance test started		2025-07-21
4	07/21 11:03:04 AM	Test Stopped		 PASS