Keysight Test Report

PASS

Report Header:	Keysight Inc.
Report Date:	2025/07/15 14:48:25
Type:	Framed

SUMMARY

IxOS Version	10.80.8001.4
Test Start Time	2025/07/15 14:45:31
Test End Time	2025/07/15 14:48:24
Test Duration	00:00:10
Pass/Fail Verdict	PASS
Module Type	1,1,1 - PassiveCopper 1,1,2 - PassiveCopper 1,1,3 - 100GBASE-DR 1,1,4 - 100GBASE-DR
Module Version	1,1,1 - CMIS 5.0 1,1,2 - CMIS 5.0 1,1,3 - CMIS 5.0 1,1,4 - CMIS 5.0
Serial Number	1,1,1 - 2320333189 1,1,2 - 2320333189 1,1,3 - UNA8490003 1,1,4 - UNA8490004

Transceiver DOM (Digital Optical Monitoring) - 128

1,1,1										
Manufacturer		Molex		Model		2126753010		Mfg Revision		01
Type		PassiveCopper		SN		2320333189		Firmware Revision		
MSA		CMIS 5.0		Date Code(YYMMDDLL)		230722		Hardware Revision		
Media Tech		Copper cable unequalized		Media Connector		No separable connector				
Cable Lenth		1.0 m		Identifier Type		QSFP-DD				
Reported Power Class		1		Reported Max Power		1.500000 W				
Modlue		High Alarm		High Warn		Low Warn		Low Alarm		
Temperature		-0.001 C		-0.001 C		-0.001 C		-0.001 C		
Supply Voltage		-0.000 V		-0.000 V		-0.000 V		-0.000 V		
Lane Limits		High Alarm		High Warn		Low Warn		Low Alarm		
Tx Optical Power		-40.00 dBm		-40.00 dBm		-40.00 dBm		-40.00 dBm		
Rx Optical Power		-40.00 dBm		-40.00 dBm		-40.00 dBm		-40.00 dBm		
Tx Bias Current		-40.00 dBm		-40.00 dBm		-40.00 dBm		-40.00 dBm		

Host Lane	Port	Data Path State	Tx LOS	Tx CDR LOL	Media	Tx Optical	Tx Bias	Rx Optical	Rx LOS	Rx CDR LOL
1	1.1	0	No	No	0	-40.00 dBm	0.000 mA	-40.00 dBm	No	No
2	1.1	0	No	No	0	-40.00 dBm	0.000 mA	-40.00 dBm	No	No
3	1.1	0	No	No	0	-40.00 dBm	0.000 mA	-40.00 dBm	No	No
4	1.1	0	No	No	0	-40.00 dBm	0.000 mA	-40.00 dBm	No	No
5	1.1	0	No	No	0	-40.00 dBm	0.000 mA	-40.00 dBm	No	No
6	1.1	0	No	No	0	-40.00 dBm	0.000 mA	-40.00 dBm	No	No
7	1.1	0	No	No	0	-40.00 dBm	0.000 mA	-40.00 dBm	No	No
8	1.1	0	No	No	0	-40.00 dBm	0.000 mA	-40.00 dBm	No	No

1,1,2										
Manufacturer		Molex		Model		2126753010		Mfg Revision		01
Type		PassiveCopper		SN		2320333189		Firmware Revision		
MSA		CMIS 5.0		Date Code(YYMMDDLL)		230722		Hardware Revision		
Media Tech		Copper cable unequalized		Media Connector		No separable connector				
Cable Lenth		1.0 m		Identifier Type		QSFP-DD				
Reported Power Class		1		Reported Max Power		1.500000 W				
Modlue		High Alarm		High Warn		Low Warn		Low Alarm		
Temperature		-0.001 C		-0.001 C		-0.001 C		-0.001 C		
Supply Voltage		-0.000 V		-0.000 V		-0.000 V		-0.000 V		
Lane Limits		High Alarm		High Warn		Low Warn		Low Alarm		
Tx Optical Power		-40.00 dBm		-40.00 dBm		-40.00 dBm		-40.00 dBm		
Rx Optical Power		-40.00 dBm		-40.00 dBm		-40.00 dBm		-40.00 dBm		
Tx Bias Current		-40.00 dBm		-40.00 dBm		-40.00 dBm		-40.00 dBm		
Host Lane	Port	Data Path State	Tx LOS	Tx CDR LOL	Media	Tx Optical	Tx Bias	Rx Optical	Rx LOS	Rx CDR LOL
1	2.1	0	No	No	0	-40.00 dBm	0.000 mA	-40.00 dBm	No	No
2	2.1	0	No	No	0	-40.00 dBm	0.000 mA	-40.00 dBm	No	No
3	2.1	0	No	No	0	-40.00 dBm	0.000 mA	-40.00 dBm	No	No
4	2.1	0	No	No	0	-40.00 dBm	0.000 mA	-40.00 dBm	No	No
5	2.1	0	No	No	0	-40.00 dBm	0.000 mA	-40.00 dBm	No	No
6	2.1	0	No	No	0	-40.00 dBm	0.000 mA	-40.00 dBm	No	No
7	2.1	0	No	No	0	-40.00 dBm	0.000 mA	-40.00 dBm	No	No
8	2.1	0	No	No	0	-40.00 dBm	0.000 mA	-40.00 dBm	No	No

1,1,3										
Manufacturer		Eoptolink		Model		EOLO-138HG-5H-SM		Mfg Revision		01
Type		100GBASE-DR		SN		UNA8490003		Firmware Revision		3.0
MSA		CMIS 5.0		Date Code(YYMMDDLL)		221109		Hardware Revision		1.0
Media Tech		1310 nm DFB		Media Connector		MPO 1x16				
Cable Lenth		0.0 m		Identifier Type		OSFP				
Reported Power Class		8		Reported Max Power		18.000000 W				
Modlue		High Alarm		High Warn		Low Warn		Low Alarm		
Temperature		78 C		73 C		-3 C		-8 C		
Supply Voltage		3.630 V		3.465 V		3.135 V		2.970 V		
Lane Limits		High Alarm		High Warn		Low Warn		Low Alarm		
Tx Optical Power		6.00 dBm		5.00 dBm		-3.90 dBm		-4.90 dBm		
Rx Optical Power		6.50 dBm		5.50 dBm		-7.40 dBm		-8.40 dBm		
Tx Bias Current		6.50 dBm		5.50 dBm		-7.40 dBm		-8.40 dBm		
Host Lane	Port	Data Path State	Tx LOS	Tx CDR LOL	Media	Tx Optical	Tx Bias	Rx Optical	Rx LOS	Rx CDR LOL
1	3.1	Activated (4)	No	No	1	1.73 dBm	248.304 mA	2.17 dBm	No	No
2	3.1	Activated (4)	No	No	2	1.50 dBm	248.672 mA	1.17 dBm	No	No
3	3.1	Activated (4)	No	No	3	2.45 dBm	224.064 mA	1.89 dBm	No	No
4	3.1	Activated (4)	No	No	4	2.38 dBm	224.424 mA	1.57 dBm	No	No
5	3.1	Activated (4)	No	No	5	2.17 dBm	192.872 mA	2.23 dBm	No	No
6	3.1	Activated (4)	No	No	6	2.10 dBm	193.360 mA	1.72 dBm	No	No
7	3.1	Activated (4)	No	No	7	2.22 dBm	190.312 mA	1.94 dBm	No	No
8	3.1	Activated (4)	No	No	8	2.13 dBm	190.432 mA	2.00 dBm	No	No

1,1,4										
Manufacturer		Eoptolink		Model		EOLO-138HG-5H-SM		Mfg Revision		01
Type		100GBASE-DR		SN		UNA8490004		Firmware Revision		3.0
MSA		CMIS 5.0		Date Code(YYMMDDLL)		221109		Hardware Revision		1.0
Media Tech		1310 nm DFB		Media Connector		MPO 1x16				
Cable Lenth		0.0 m		Identifier Type		OSFP				
Reported Power Class		8		Reported Max Power		18.000000 W				
Modlue		High Alarm		High Warn		Low Warn		Low Alarm		
Temperature		78 C		73 C		-3 C		-8 C		
Supply Voltage		3.630 V		3.465 V		3.135 V		2.970 V		
Lane Limits		High Alarm		High Warn		Low Warn		Low Alarm		
Tx Optical Power		6.00 dBm		5.00 dBm		-3.90 dBm		-4.90 dBm		
Rx Optical Power		6.50 dBm		5.50 dBm		-7.40 dBm		-8.40 dBm		
Tx Bias Current		6.50 dBm		5.50 dBm		-7.40 dBm		-8.40 dBm		
Host Lane	Port	Data Path State	Tx LOS	Tx CDR LOL	Media	Tx Optical	Tx Bias	Rx Optical	Rx LOS	Rx CDR LOL
1	4.1	Activated (4)	No	No	1	1.74 dBm	242.096 mA	1.39 dBm	No	No
2	4.1	Activated (4)	No	No	2	2.17 dBm	242.216 mA	1.17 dBm	No	No
3	4.1	Activated (4)	No	No	3	2.14 dBm	222.496 mA	-0.86 dBm	No	No
4	4.1	Activated (4)	No	No	4	1.96 dBm	221.888 mA	1.61 dBm	No	No
5	4.1	Activated (4)	No	No	5	2.22 dBm	218.480 mA	1.38 dBm	No	No
6	4.1	Activated (4)	No	No	6	1.94 dBm	219.336 mA	2.25 dBm	No	No
7	4.1	Activated (4)	No	No	7	2.34 dBm	222.616 mA	1.34 dBm	No	No
8	4.1	Activated (4)	No	No	8	2.41 dBm	222.376 mA	1.60 dBm	No	No

CMIS Applicatio Select

1,1,1

Current AppSel 0

Available Applications

App	Host Side						Line Side Media				
	Interface	Lane Speed (G bit/s)	Modulation	Lane Groups	Lanes	ID (HEex)	Interface	Lane Speed (G bit/s)	Lane Groups	Lanes	ID (Hex)
1	800GBASE-CR8	106	PAM4	1	8	73	PassiveCopper		0	8	1
2	400GBASE-CR4	106	PAM4	2	4	72	PassiveCopper		0	4	1
3	200GBASE-CR2	106	PAM4	4	2	71	PassiveCopper		0	2	1
4	100GBASE-CR1	106	PAM4	8	1	70	PassiveCopper		0	1	1
5	400GBASE-CR8	53	PAM4	1	8	29	PassiveCopper		0	8	1
6	200GBASE-CR4	53	PAM4	2	4	28	PassiveCopper		0	4	1
7	100GBASE-CR2	53	PAM4	4	2	27	PassiveCopper		0	2	1
8	25GBASE-CR CA-25G-L	26	NRZ	8	1	20	PassiveCopper		0	1	1

Preview of Auto selected applications

Host Port Mode	Mod	Lane Groups	Lanes	AppSel	Link	Host Electrical	Lane Groups	Lanes	Note

1,1,2

Current AppSel 0

Available Applications

App	Host Side						Line Side Media				
	Interface	Lane Speed (G bit/s)	Modulation	Lane Groups	Lanes	ID (HEex)	Interface	Lane Speed (G bit/s)	Lane Groups	Lanes	ID (Hex)
1	800GBASE-CR8	106	PAM4	1	8	73	PassiveCopper		0	8	1
2	400GBASE-CR4	106	PAM4	2	4	72	PassiveCopper		0	4	1
3	200GBASE-CR2	106	PAM4	4	2	71	PassiveCopper		0	2	1
4	100GBASE-CR1	106	PAM4	8	1	70	PassiveCopper		0	1	1
5	400GBASE-CR8	53	PAM4	1	8	29	PassiveCopper		0	8	1
6	200GBASE-CR4	53	PAM4	2	4	28	PassiveCopper		0	4	1
7	100GBASE-CR2	53	PAM4	4	2	27	PassiveCopper		0	2	1
8	25GBASE-CR CA-25G-L	26	NRZ	8	1	20	PassiveCopper		0	1	1

Preview of Auto selected applications

Host Port Mode	Mod	Lane Groups	Lanes	AppSel	Link	Host Electrical	Lane Groups	Lanes	Note

1,1,3

Current AppSel 1

Available Applications

App	Host Side						Line Side Media				
	Interface	Lane Speed (G bit/s)	Modulation	Lane Groups	Lanes	ID (HEex)	Interface	Lane Speed (G bit/s)	Lane Groups	Lanes	ID (Hex)
1	100GAUI-1-S C2M	106	PAM4	8	1	75	100GBASE-DR	106	8	1	20

Preview of Auto selected applications

Host Port Mode	Mod	Lane Groups	Lanes	AppSel	Link	Host Electrical	Lane Groups	Lanes	Note
800G-R8	PAM4	1	8	1	M	100GAUI-1-S C2M	1	8	First app matching host lane speed for host id: 0x51 (800GAUI-8 S C2M 8x53.125 PAM4)
400G-R4	PAM4	2	4	1	M	100GAUI-1-S C2M	2	4	First app matching host lane speed for host id: 0x4f (400GAUI-4-S C2M 4x53.125 PAM4)
200G-R2	PAM4	4	2	1	M	100GAUI-1-S C2M	4	2	First app matching host lane speed for host id: 0x4d (200GAUI-2-S C2M 2x53.125 PAM4)
100G-R	PAM4	8	1	1	Y	100GAUI-1-S C2M	8	1	First app matching compatible electrical mode: 0x4b (100GAUI-1-S C2M 1x53.125 PAM4)
400G-R8	PAM4	1	8	1	N	100GAUI-1-S C2M	1	8	No matching electrical mode
200G-R4	PAM4	2	4	1	N	100GAUI-1-S C2M	2	4	No matching electrical mode
100G-R2	PAM4	4	2	1	N	100GAUI-1-S C2M	4	2	No matching electrical mode
50G-R	PAM4	8	1	1	N	100GAUI-1-S C2M	8	1	No matching electrical mode
200G-R8	NRZ	1	8	1	N	100GAUI-1-S C2M	1	8	No matching electrical mode
100G-R4	NRZ	2	4	1	N	100GAUI-1-S C2M	2	4	No matching electrical mode
50G-R2	NRZ	4	2	1	N	100GAUI-1-S C2M	4	2	No matching electrical mode
25G-R	NRZ	8	1	1	N	100GAUI-1-S C2M	8	1	No matching electrical mode

1,1,4

Current AppSel 1

Available Applications

App	Host Side						Line Side Media				
	Interface	Lane Speed (G bit/s)	Modulation	Lane Groups	Lanes	ID (HEex)	Interface	Lane Speed (G bit/s)	Lane Groups	Lanes	ID (Hex)
1	100GAUI-1-S C2M	106	PAM4	8	1	75	100GBASE-DR	106	8	1	20

Preview of Auto selected applications

Host Port Mode	Mod	Lane Groups	Lanes	AppSel	Link	Host Electrical	Lane Groups	Lanes	Note
800G-R8	PAM4	1	8	1	M	100GAUI-1-S C2M	1	8	First app matching host lane speed for host id: 0x51 (800GAUI-8 S C2M 8x53.125 PAM4)
400G-R4	PAM4	2	4	1	M	100GAUI-1-S C2M	2	4	First app matching host lane speed for host id: 0x4f (400GAUI-4-S C2M 4x53.125 PAM4)
200G-R2	PAM4	4	2	1	M	100GAUI-1-S C2M	4	2	First app matching host lane speed for host id: 0x4d (200GAUI-2-S C2M 2x53.125 PAM4)
100G-R	PAM4	8	1	1	Y	100GAUI-1-S C2M	8	1	First app matching compatible electrical mode: 0x4b (100GAUI-1-S C2M 1x53.125 PAM4)
400G-R8	PAM4	1	8	1	N	100GAUI-1-S C2M	1	8	No matching electrical mode
200G-R4	PAM4	2	4	1	N	100GAUI-1-S C2M	2	4	No matching electrical mode
100G-R2	PAM4	4	2	1	N	100GAUI-1-S C2M	4	2	No matching electrical mode
50G-R	PAM4	8	1	1	N	100GAUI-1-S C2M	8	1	No matching electrical mode
200G-R8	NRZ	1	8	1	N	100GAUI-1-S C2M	1	8	No matching electrical mode
100G-R4	NRZ	2	4	1	N	100GAUI-1-S C2M	2	4	No matching electrical mode
50G-R2	NRZ	4	2	1	N	100GAUI-1-S C2M	4	2	No matching electrical mode
25G-R	NRZ	8	1	1	N	100GAUI-1-S C2M	8	1	No matching electrical mode

BERT Result Summary

BERT Statistics

FEC Result Summary - 128

Frame Loss Ratio	1,1,1	1,1,2	1,1,3	1,1,4
Pre-FEC Standard	2.400000e-04	2.400000e-04	2.400000e-04	2.400000e-04
Pre-FEC Pass/Fail Verdict	PASS	PASS	PASS	PASS
Post-FEC Standard	9.200000e-13	9.200000e-13	9.200000e-13	9.200000e-13
Post-FEC Pass/Fail Verdict	PASS	PASS	PASS	PASS

PCS Lane Statistics - 128

Port - 1,1,1

Physical Lane	PCS Lane Marker Lock	PCS Lane Marker Map	Relative Lane Skew (ns)	PCS Lane Marker Error Count	FEC Symbol Error Count	FEC Correct Bit Count	FEC Symbol Error	FEC Correct Bit Rate
Totals	Lock	all	9.035	0.0	0.0	0.0	0.000000e+00	0.000000e+00
0	Lock	0	6.023	0	0	0	0.000000e+00	0.000000e+00
1	Lock	16	6.023	0	0	0	0.000000e+00	0.000000e+00
2	Lock	1	6.023	0	0	0	0.000000e+00	0.000000e+00
3	Lock	17	6.023	0	0	0	0.000000e+00	0.000000e+00
4	Lock	2	3.011	0	0	0	0.000000e+00	0.000000e+00
5	Lock	18	3.011	0	0	0	0.000000e+00	0.000000e+00
6	Lock	3	6.023	0	0	0	0.000000e+00	0.000000e+00
7	Lock	19	6.023	0	0	0	0.000000e+00	0.000000e+00
8	Lock	20	6.023	0	0	0	0.000000e+00	0.000000e+00
9	Lock	4	6.023	0	0	0	0.000000e+00	0.000000e+00
10	Lock	21	6.023	0	0	0	0.000000e+00	0.000000e+00
11	Lock	5	6.023	0	0	0	0.000000e+00	0.000000e+00
12	Lock	22	9.035	0	0	0	0.000000e+00	0.000000e+00
13	Lock	6	9.035	0	0	0	0.000000e+00	0.000000e+00
14	Lock	23	6.023	0	0	0	0.000000e+00	0.000000e+00
15	Lock	7	6.023	0	0	0	0.000000e+00	0.000000e+00
16	Lock	24	3.011	0	0	0	0.000000e+00	0.000000e+00
17	Lock	8	3.011	0	0	0	0.000000e+00	0.000000e+00
18	Lock	25	0.0	0	0	0	0.000000e+00	0.000000e+00
19	Lock	9	3.011	0	0	0	0.000000e+00	0.000000e+00
20	Lock	26	3.011	0	0	0	0.000000e+00	0.000000e+00
21	Lock	10	3.011	0	0	0	0.000000e+00	0.000000e+00
22	Lock	27	3.011	0	0	0	0.000000e+00	0.000000e+00
23	Lock	11	3.011	0	0	0	0.000000e+00	0.000000e+00
24	Lock	12	6.023	0	0	0	0.000000e+00	0.000000e+00
25	Lock	28	6.023	0	0	0	0.000000e+00	0.000000e+00
26	Lock	13	3.011	0	0	0	0.000000e+00	0.000000e+00
27	Lock	29	3.011	0	0	0	0.000000e+00	0.000000e+00
28	Lock	30	6.023	0	0	0	0.000000e+00	0.000000e+00
29	Lock	14	6.023	0	0	0	0.000000e+00	0.000000e+00
30	Lock	31	3.011	0	0	0	0.000000e+00	0.000000e+00
31	Lock	15	3.011	0	0	0	0.000000e+00	0.000000e+00

Port - 1,1,2

Physical Lane	PCS Lane Marker Lock	PCS Lane Marker Map	Relative Lane Skew (ns)	PCS Lane Marker Error Count	FEC Symbol Error Count	FEC Correct Bit Count	FEC Symbol Error	FEC Correct Bit Rate
Totals	Lock	all	9.035	0.0	0.0	0.0	0.000000e+00	0.000000e+00
0	Lock	16	9.035	0	0	0	0.000000e+00	0.000000e+00
1	Lock	0	9.035	0	0	0	0.000000e+00	0.000000e+00
2	Lock	17	9.035	0	0	0	0.000000e+00	0.000000e+00
3	Lock	1	9.035	0	0	0	0.000000e+00	0.000000e+00
4	Lock	18	6.023	0	0	0	0.000000e+00	0.000000e+00
5	Lock	2	6.023	0	0	0	0.000000e+00	0.000000e+00
6	Lock	19	6.023	0	0	0	0.000000e+00	0.000000e+00
7	Lock	3	6.023	0	0	0	0.000000e+00	0.000000e+00
8	Lock	20	9.035	0	0	0	0.000000e+00	0.000000e+00
9	Lock	4	9.035	0	0	0	0.000000e+00	0.000000e+00
10	Lock	21	9.035	0	0	0	0.000000e+00	0.000000e+00
11	Lock	5	9.035	0	0	0	0.000000e+00	0.000000e+00
12	Lock	6	3.011	0	0	0	0.000000e+00	0.000000e+00
13	Lock	22	3.011	0	0	0	0.000000e+00	0.000000e+00
14	Lock	7	6.023	0	0	0	0.000000e+00	0.000000e+00
15	Lock	23	6.023	0	0	0	0.000000e+00	0.000000e+00
16	Lock	24	6.023	0	0	0	0.000000e+00	0.000000e+00
17	Lock	8	6.023	0	0	0	0.000000e+00	0.000000e+00
18	Lock	25	3.011	0	0	0	0.000000e+00	0.000000e+00
19	Lock	9	3.011	0	0	0	0.000000e+00	0.000000e+00
20	Lock	10	3.011	0	0	0	0.000000e+00	0.000000e+00
21	Lock	26	3.011	0	0	0	0.000000e+00	0.000000e+00
22	Lock	11	6.023	0	0	0	0.000000e+00	0.000000e+00
23	Lock	27	6.023	0	0	0	0.000000e+00	0.000000e+00
24	Lock	12	6.023	0	0	0	0.000000e+00	0.000000e+00
25	Lock	28	6.023	0	0	0	0.000000e+00	0.000000e+00
26	Lock	13	3.011	0	0	0	0.000000e+00	0.000000e+00
27	Lock	29	3.011	0	0	0	0.000000e+00	0.000000e+00
28	Lock	14	0.0	0	0	0	0.000000e+00	0.000000e+00
29	Lock	30	0.0	0	0	0	0.000000e+00	0.000000e+00
30	Lock	15	3.011	0	0	0	0.000000e+00	0.000000e+00
31	Lock	31	3.011	0	0	0	0.000000e+00	0.000000e+00

Port - 1,1,3

Physical Lane	PCS Lane Marker Lock	PCS Lane Marker Map	Relative Lane Skew (ns)	PCS Lane Marker Error Count	FEC Symbol Error Count	FEC Correct Bit Count	FEC Symbol Error	FEC Correct Bit Rate
Totals	Lock	all	9.035	0.0	0.0	1223.0	0.000000e+00	2.899546e-09
0	Lock	16	3.011	0	0	0	0.000000e+00	0.000000e+00
1	Lock	0	3.011	0	0	0	0.000000e+00	0.000000e+00
2	Lock	17	3.011	0	0	1	0.000000e+00	2.456140e-12
3	Lock	1	3.011	0	0	0	0.000000e+00	0.000000e+00
4	Lock	2	0.0	0	0	0	0.000000e+00	0.000000e+00
5	Lock	18	0.0	0	0	0	0.000000e+00	0.000000e+00
6	Lock	3	3.011	0	0	1	0.000000e+00	2.456140e-12
7	Lock	19	3.011	0	0	0	0.000000e+00	0.000000e+00
8	Lock	4	0.0	0	0	0	0.000000e+00	0.000000e+00
9	Lock	20	0.0	0	0	0	0.000000e+00	0.000000e+00
10	Lock	5	0.0	0	0	1	0.000000e+00	2.370826e-12
11	Lock	21	0.0	0	0	0	0.000000e+00	0.000000e+00
12	Lock	22	0.0	0	0	3	0.000000e+00	7.112479e-12
13	Lock	6	0.0	0	0	7	0.000000e+00	1.659578e-11
14	Lock	23	0.0	0	0	11	0.000000e+00	2.607909e-11
15	Lock	7	0.0	0	0	22	0.000000e+00	5.215818e-11
16	Lock	8	9.035	0	0	0	0.000000e+00	0.000000e+00
17	Lock	24	9.035	0	0	0	0.000000e+00	0.000000e+00
18	Lock	9	3.011	0	0	5	0.000000e+00	1.185413e-11
19	Lock	25	6.023	0	0	16	0.000000e+00	3.793322e-11
20	Lock	10	6.023	0	0	0	0.000000e+00	0.000000e+00
21	Lock	26	6.023	0	0	0	0.000000e+00	0.000000e+00
22	Lock	11	3.011	0	0	709	0.000000e+00	1.680916e-09
23	Lock	27	3.011	0	0	403	0.000000e+00	9.554430e-10
24	Lock	28	3.011	0	0	1	0.000000e+00	2.370826e-12
25	Lock	12	3.011	0	0	0	0.000000e+00	0.000000e+00
26	Lock	29	6.023	0	0	28	0.000000e+00	6.638314e-11
27	Lock	13	6.023	0	0	13	0.000000e+00	3.082074e-11
28	Lock	30	3.011	0	0	0	0.000000e+00	0.000000e+00
29	Lock	14	3.011	0	0	0	0.000000e+00	0.000000e+00
30	Lock	31	6.023	0	0	2	0.000000e+00	4.596713e-12
31	Lock	15	6.023	0	0	0	0.000000e+00	0.000000e+00

Port - 1,1,4

Physical Lane	PCS Lane Marker Lock	PCS Lane Marker Map	Relative Lane Skew (ns)	PCS Lane Marker Error Count	FEC Symbol Error Count	FEC Correct Bit Count	FEC Symbol Error	FEC Correct Bit Rate
Totals	Lock	all	9.035	0.0	0.0	72.0	0.000000e+00	1.617820e-10
0	Lock	0	0.0	0	0	0	0.000000e+00	0.000000e+00
1	Lock	16	0.0	0	0	0	0.000000e+00	0.000000e+00
2	Lock	1	3.011	0	0	5	0.000000e+00	1.149178e-11
3	Lock	17	3.011	0	0	0	0.000000e+00	0.000000e+00
4	Lock	2	0.0	0	0	0	0.000000e+00	0.000000e+00
5	Lock	18	0.0	0	0	0	0.000000e+00	0.000000e+00
6	Lock	3	3.011	0	0	3	0.000000e+00	6.895070e-12
7	Lock	19	3.011	0	0	0	0.000000e+00	0.000000e+00
8	Lock	20	0.0	0	0	0	0.000000e+00	0.000000e+00
9	Lock	4	0.0	0	0	0	0.000000e+00	0.000000e+00
10	Lock	21	3.011	0	0	3	0.000000e+00	6.895070e-12
11	Lock	5	3.011	0	0	4	0.000000e+00	9.193427e-12
12	Lock	22	3.011	0	0	0	0.000000e+00	0.000000e+00
13	Lock	6	3.011	0	0	0	0.000000e+00	0.000000e+00
14	Lock	23	3.011	0	0	1	0.000000e+00	2.298357e-12
15	Lock	7	3.011	0	0	1	0.000000e+00	2.298357e-12
16	Lock	24	6.023	0	0	0	0.000000e+00	0.000000e+00
17	Lock	8	6.023	0	0	0	0.000000e+00	0.000000e+00
18	Lock	25	3.011	0	0	7	0.000000e+00	1.561763e-11
19	Lock	9	6.023	0	0	0	0.000000e+00	0.000000e+00
20	Lock	26	9.035	0	0	0	0.000000e+00	0.000000e+00
21	Lock	10	9.035	0	0	0	0.000000e+00	0.000000e+00
22	Lock	27	6.023	0	0	15	0.000000e+00	3.346635e-11
23	Lock	11	6.023	0	0	3	0.000000e+00	6.693270e-12
24	Lock	12	6.023	0	0	0	0.000000e+00	0.000000e+00
25	Lock	28	6.023	0	0	0	0.000000e+00	0.000000e+00
26	Lock	13	6.023	0	0	7	0.000000e+00	1.561763e-11
27	Lock	29	6.023	0	0	21	0.000000e+00	4.685289e-11
28	Lock	30	6.023	0	0	0	0.000000e+00	0.000000e+00
29	Lock	14	6.023	0	0	0	0.000000e+00	0.000000e+00
30	Lock	31	6.023	0	0	0	0.000000e+00	0.000000e+00
31	Lock	15	6.023	0	0	2	0.000000e+00	4.462180e-12

L2 Traffic Test Summary

Frame Size	Tx Count	Rx Count	Loss Count	Loss %
128	27847251029	27847251029	0	0.0

Port Statistics - 128

Port Statistics	Port 1,1,1	Port 1,1,2	Port 1,1,3	Port 1,1,4
link	link up	link up	link up	link up
lineSpeed	800000	800000	800000	800000
transmitDuration	00:00:10.298415706	00:00:10.301057539	00:00:10.303454024	00:00:10.311004583
framesSent	6958388934	6960173959	6961793203	6966894933
framesReceived	6958388934	6960173959	6961793203	6966894933
fragments	0	0	0	0
undersize	0	0	0	0
oversizeAndCrcErrors	0	0	0	0
vlanTaggedFramesRx	0	0	0	0
flowControlFrames	0	0	0	0
bitsSent	7125390268416	7127218134016	7128876239872	7134100411392
bitsReceived	7127218134016	7125390268416	7134100411392	7128876239872
pcsSyncErrorsReceived	0	0	0	0
pcsRemoteFaultsReceived	0	0	0	0
pcsLocalFaultsReceived	0	0	0	0
fecTotalBitErrors	0	0	1028	58
fecMaxSymbolErrors	0	0	1	1
fecCorrectedCodewords	0	0	1028	58
fecTotalCodewords	2090632288	2090333984	2090052128	2089761280
fecFrameLossRatio	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
preFecBer	0.000000e+00	0.000000e+00	9.041429e-11	5.101906e-12
fecMaxSymbolErrorsBin0	2090632288	2090333984	2090051100	2089761222
fecMaxSymbolErrorsBin1	0	0	1028	58
fecMaxSymbolErrorsBin2	0	0	0	0
fecMaxSymbolErrorsBin3	0	0	0	0
fecMaxSymbolErrorsBin4	0	0	0	0
fecMaxSymbolErrorsBin5	0	0	0	0
fecMaxSymbolErrorsBin6	0	0	0	0
fecMaxSymbolErrorsBin7	0	0	0	0
fecMaxSymbolErrorsBin8	0	0	0	0
fecMaxSymbolErrorsBin9	0	0	0	0
fecMaxSymbolErrorsBin10	0	0	0	0
fecMaxSymbolErrorsBin11	0	0	0	0
fecMaxSymbolErrorsBin12	0	0	0	0
fecMaxSymbolErrorsBin13	0	0	0	0
fecMaxSymbolErrorsBin14	0	0	0	0
fecMaxSymbolErrorsBin15	0	0	0	0
fecUncorrectableCodewords	0	0	0	0
fecTranscodingUncorrectableErrors	0	0	0	0
l1BitsSent	8238732497856	8240845967456	8242763152352	8248803600672
l1BitsReceived	8240845967456	8238732497856	8248803600672	8242763152352
transceiverTemp	0	0	58	57
encoding	PAM4 106G	PAM4 106G	PAM4 106G	PAM4 106G
fecStatus	KP4-FEC	KP4-FEC	KP4-FEC	KP4-FEC
transceiverVoltage	0	0	3.2448000000000001	3.2359
minLatency	0	0	2251520	85897091523
averageLatency	2	1	2251526	315161108
maxLatency	6	4	2251529	85897091532
Loss_Frames	0	0	0	0
Loss%	0.0	0.0	0.0	0.0