

OSFP-DR8L-800G

TEST REPORT



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1. List of Test Items

Test Items	Test Sub-Items	Test Contents	Test Results
Test Lanes	Test Lanes	Lane0~Lane7	/
Product Photoelectric Testing	Optical Transmitter Test	Actual Transmission Power	Pass
		Central Wavelength	Pass
		Maximum -20dB Spectral Width	Pass
	Traffic Transmission Test	Pre-FEC Bit Error Rate	Pass
		Framer Loss Ratio	Pass
	DDM Data Test	Temperature	Pass
		Voltage	Pass
		Bias Current	Pass
		Tx_Power	Pass
		Tx_power Accuracy	Pass
		Rx_Power	Pass
Adaptability Test	Brand Compatibility Test	Brand Equipment Compatibility Test	Pass
Business Network Testing	Port Splitting Application	Port Splitting Application Testing	Pass
	Port Speed Reduction Application	Port Speed Reduction Application Testing	Pass

2. Product Photoelectric Testing

2.1 Optical Transmitter Test

2.1.1 Test Introduction

Device Type	Brands	Test Items	Test Results	Testing Environment
Optical Channel Oscilloscope	Keysight	Actual Transmission Power	Pass	
Optical/Electrical Clock Recovery		Central Wavelength	Pass	
Adjustable Attenuator				
Optical Power Meter		Maximum -20dB Spectral Width	Pass	

2.1.2 Test Procedures

Steps	Summary of Test Steps
1	Connect the optical modules to the test environment as per the above networking diagram.
2	Test the optical output signal using an optical oscilloscope, a CDR and other equipment.
3	Record the actual transmission power, central wavelength and maximum -20dB spectral width of each channel.

2.1.3 Test Results

Table 2-1: Optical Transmitter Test Results

No.	Actual Transmission Power (dBm)	Central Wavelength (nm)	Maximum -20dB Spectral Width (nm)
1-Lane 0	0.132	1311.29	0.319
1-Lane 1	0.713	1311.26	0.310
1-Lane 2	0.729	1311.35	0.318
1-Lane 3	0.613	1311.29	0.324
1-Lane 4	0.403	1311.29	0.320
1-Lane 5	0.815	1311.28	0.317

1-Lane 6	0.804	1311.26	0.326
1-Lane 7	0.441	1311.59	0.309

NOTE: Lane 0, 1, 2, 3, 4, 5, 6, 7 represent each channel of the module

2.2 Traffic Transmission Test

2.2.1 Test Introduction

Device Type	Brands	Test Items	Test Results	Testing Environment
Traffic Tester	Keysight	Pre-FEC Bit Error Rate	Pass	
		Framer Loss Ratio	Pass	

2.2.2 Test Procedures

Steps	Summary of Test Steps
1	Configure a traffic tester and generate data streams through optical modules.
2	Measure the forward error correction pre-error rate and frame loss rate of each channel in the test environment.
3	Verify whether the results meet the specification requirements.

2.2.3 Test Results

Table 2-2: Traffic Transmission Test Results

No.	Pre-FEC Bit Error Rate	Framer Loss Ratio
SN 1	1.50e-08	0.00E+00
SN 2	8.68e-09	0.00E+00

2.3 DDM Data Test

2.3.1 Test Introduction

Device Type	Brands	Test Items	Test Results	Testing Environment
Switches	NVIDIA\Juniper	Temperature	Pass	
		Voltage	Pass	
		Bias Current	Pass	
		Tx_Power	Pass	
		Tx_power Accuracy	Pass	
		Rx_Power	Pass	

2.3.2 Test Procedures

Steps	Summary of Test Steps
1	Access DDM data through the module interface.
2	Record parameters such as temperature, voltage, bias current, emission power, emission power accuracy and reception power.
3	Compare the results with the module specifications.

2.3.3 Test Results

Table 2-3: DDM Data Test Results

No.	Temperature (°C)	Voltage (V)	Bias Current (mA)	Tx_power (dBm)	Tx_power accuracy (dB)	Rx_Power (dBm)
1-Lane 0	53	3.289	55.964	2.06	1.928	2.79
1-Lane 1	53	3.289	64.13	1.452	0.739	3.172
1-Lane 2	53	3.289	54.792	2.009	1.280	3.174

1-Lane 3	53	3.289	57.318	2.076	1.462	2.629
1-Lane 4	53	3.289	60.432	1.906	1.503	2.991
1-Lane 5	53	3.289	52.556	1.717	0.902	3.286
1-Lane 6	53	3.289	50.176	2.156	1.352	2.874
1-Lane 7	53	3.289	51.532	1.992	1.551	2.245

3. Brand Compatibility Test

3.1 Brand Compatibility Test

3.1.1 Test Introduction

Device Type	Brands	Test Items	Test Results	Testing Environment
Switches\NICs	NVIDIA\Juniper	Brand Equipment Compatibility Test	Pass	
			Pass	

3.1.2 Test Procedures

Steps	Summary of Test Steps
1	Insert the optical module into the switch\network card port.
2	Verify the connection status, alarm information, type information and DDM information.
3	Ensure compatibility with the device software version.

3.1.3 Test Results

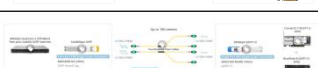
Table 3-1: Brand Compatibility Test Results

Equipment Brand	Device Version	Software Version of The Equipment	Warning Message	Connectivity	Type Information	DDM Information
NVIDIA	MQM9700-NS2F	31.2012.1024	No Warning	Link Up	Optical Module	Pass
NVIDIA	MQM9790-NS2F	31.2012.1068	No Warning	Link Up	Optical Module	Pass
NVIDIA	SN5600	Cumulus Linux 5.8.0	No Warning	Link Up	Optical Module	Pass

4. Business Network Testing

4.1 Port Splitting Application Test

4.1.1 Test Introduction

Device Type	Brands	Test Items	Test Results	Testing Environment
Switches\NICs	NVIDIA\Juniper	Port Splitting Application Test	Pass	
			Pass	
			Pass	

4.1.2 Test Procedures

Steps	Summary of Test Steps
1	Configure the switch to adopt port splitting mode (such as 800G to 800G IBÐ, 800G to 2x400G IBÐ, 800G to 4x200G IBÐ).
2	Use test equipment to verify the running information, port module information, and information such as port count/ bit error rate.
3	Take screenshots to record the output results of the tool.

4.1.3 Test Results

4-1: Port Splitting Application Testing

Split Mode	Test Equipment	Tool and Device Info	Operational Info	Supported Info	Physical Counters and BER Info
800G to 800G IB	NVIDIA 9700 to NVIDIA 9700	<pre> Tool Information ----- Firmware Version : 31.2012.1024 amBER Version : 3.3 MFT Version : mft 4.29.0-131 Device Info ----- Part Number : MQM9700-NS2F Part Name : G08B4K00 Serial Number : MT2342700LEC Revision : A41 FW Version : 31.2012.1024 </pre>	<pre> Operational Info ----- State : Active Physical state : Disabled Speed : 8B-NDR Width : 4x FEC : Standard RS-FEC - (S44.514) Loopback Mode : No Loopback Auto Negotiation : ON </pre>	<pre> Supported Info ----- Enabled Link Speed : 0x00000080 (NDR) Supported Cable Speed : 0x00000080 (NDR) </pre>	<pre> Physical Counters and BER Info ----- Time Since Last Clear [Min] : 0.5 Symbol Errors : 0 Symbol BER : 15E-255 Effective Physical Errors : 0 Effective Physical BER : 15E-255 Raw Physical Errors Per Lane : 14360.58646,63302,4863 Raw Physical BER : 1E-8 Link Down Counter : 0 Link Error Recovery Counter : 0 </pre>
		<pre> Tool Information ----- Firmware Version : 31.2012.1024 amBER Version : 3.3 MFT Version : mft 4.29.0-131 Device Info ----- Part Number : MQM9700-NS2F Part Name : G08B4K00 Serial Number : MT2342700LEC Revision : A41 FW Version : 31.2012.1024 </pre>	<pre> Operational Info ----- State : Active Physical state : Disabled Speed : 8B-NDR Width : 4x FEC : Standard RS-FEC - (S44.514) Loopback Mode : No Loopback Auto Negotiation : ON </pre>	<pre> Supported Info ----- Enabled Link Speed : 0x00000080 (NDR) Supported Cable Speed : 0x00000080 (NDR) </pre>	<pre> Physical Counters and BER Info ----- Time Since Last Clear [Min] : 0.5 Symbol Errors : 0 Symbol BER : 15E-255 Effective Physical Errors : 0 Effective Physical BER : 15E-255 Raw Physical Errors Per Lane : 14360.58646,63302,4863 Raw Physical BER : 1E-8 Link Down Counter : 0 Link Error Recovery Counter : 0 </pre>
800G to 2*400G IB	NVIDIA 9700 to NVIDIA 755106A	<pre> Tool Information ----- Firmware Version : 31.2012.1024 amBER Version : 3.3 MFT Version : mft 4.29.0-131 Device Info ----- Part Number : MQM9700-NS2F Part Name : G08B4K00 Serial Number : MT2342700LEC Revision : A41 FW Version : 31.2012.1024 </pre>	<pre> Operational Info ----- State : Active Physical state : Disabled Speed : 8B-NDR Width : 4x FEC : Standard RS-FEC - (S44.514) Loopback Mode : No Loopback Auto Negotiation : ON </pre>	<pre> Supported Info ----- Enabled Link Speed : 0x00000080 (NDR) Supported Cable Speed : 0x00000080 (NDR) </pre>	<pre> Physical Counters and BER Info ----- Time Since Last Clear [Min] : 0.5 Symbol Errors : 0 Symbol BER : 15E-255 Effective Physical Errors : 0 Effective Physical BER : 15E-255 Raw Physical Errors Per Lane : 1264509.10675,239423,5500 Raw Physical BER : 1E-8 Link Down Counter : 0 Link Error Recovery Counter : 0 </pre>
		<pre> Tool Information ----- Firmware Version : 28.41.1000 amBER Version : 3.3 MFT Version : mft 4.29.0-131 </pre>	<pre> Operational Info ----- State : Active Physical state : Disabled Speed : 8B-NDR Width : 2x FEC : Standard RS-FEC - (S44.514) Loopback Mode : No Loopback Auto Negotiation : ON </pre>	<pre> Supported Info ----- Enabled Link Speed : 0x00000080 (NDR) Supported Cable Speed : 0x00000080 (NDR) </pre>	<pre> Physical Counters and BER Info ----- Time Since Last Clear [Min] : 1.2 Symbol Errors : 0 Symbol BER : 15E-255 Effective Physical Errors : 0 Effective Physical BER : 15E-255 Raw Physical Errors Per Lane : 1264509.10675,239423,5500 Raw Physical BER : 1E-8 Link Down Counter : 0 Link Error Recovery Counter : 0 </pre>
800G to 4*200G IB	NVIDIA 9700 to NVIDIA 715105A	<pre> Tool Information ----- Firmware Version : 31.2012.1024 amBER Version : 3.3 MFT Version : mft 4.29.0-131 Device Info ----- Part Number : MQM9700-NS2F Part Name : G08B4K00 Serial Number : MT2342700LEC Revision : A41 FW Version : 31.2012.1024 </pre>	<pre> Operational Info ----- State : Active Physical state : Disabled Speed : 8B-NDR Width : 2x FEC : Standard RS-FEC - (S44.514) Loopback Mode : No Loopback Auto Negotiation : ON </pre>	<pre> Supported Info ----- Enabled Link Speed : 0x00000080 (NDR) Supported Cable Speed : 0x00000080 (NDR) </pre>	<pre> Physical Counters and BER Info ----- Time Since Last Clear [Min] : 0.5 Symbol Errors : 0 Symbol BER : 15E-255 Effective Physical Errors : 0 Effective Physical BER : 15E-255 Raw Physical Errors Per Lane : 14360.58646,63302,4863 Raw Physical BER : 1E-8 Link Down Counter : 0 Link Error Recovery Counter : 0 </pre>
		<pre> Tool Information ----- Firmware Version : 28.41.1000 amBER Version : 3.3 MFT Version : mft 4.29.0-131 </pre>	<pre> Operational Info ----- State : Active Physical state : Disabled Speed : 8B-NDR Width : 2x FEC : Standard RS-FEC - (S44.514) Loopback Mode : No Loopback Auto Negotiation : ON </pre>	<pre> Supported Info ----- Enabled Link Speed : 0x00000080 (NDR) Supported Cable Speed : 0x00000080 (NDR) </pre>	<pre> Physical Counters and BER Info ----- Time Since Last Clear [Min] : 3.2 Symbol Errors : 0 Symbol BER : 15E-255 Effective Physical Errors : 0 Effective Physical BER : 15E-255 Raw Physical Errors Per Lane : 490832.36 Raw Physical BER : 2E-8 Link Down Counter : 0 Link Error Recovery Counter : 0 </pre>
800G to 800G ETH	NVIDIA SN5600 to NVIDIA SN5600	<pre> root@SN5600gentoo:~# ifconfig -v show system operational ----- build : Cumulus Linux 5.10.0 14.d65, 325.01 vgtname : SN5600 hostname : SN5600 product name : Cumulus Linux product release : 5.10.0 platform : x86_64-aws/aes5600-40 system-memory : 31.0 GB used / 248.0 GB free / 261.0 GB total swap-memory : 0 Bytes used / 0 Bytes free / 0 Bytes total health status : OK date-time : 2025-02-17 14:56:39 initial : N/A timezone : Asia/Shanghai maintenance : mode : disabled ports : enabled version : kernel : 6.1.0-31-1-amd64 build-date : Thu Aug 25 09:21:12 UTC 2024 image : 5.102.0057 one : 2022-06-15 00:00:00-115200 </pre>	<pre> Operational Info ----- State : Active Physical state : LinkUp Speed : 800G Width : 8x FEC : Standard RS-FEC - (S44.514) Loopback Mode : No Loopback Auto Negotiation : ON </pre>	<pre> Supported Info ----- Enabled Link Speed : 0x00000080 (NDR) Supported Cable Speed : 0x00000080 (NDR) </pre>	<pre> Physical Counters and BER Info ----- Time Since Last Clear [Min] : 5.5 Symbol Errors : 0 Symbol BER : 15E-255 Effective Physical Errors : 0 Effective Physical BER : 15E-255 Raw Physical Errors Per Lane : 104862.1487280,252626,327522,37697,22807 Raw Physical BER : 2E-8 </pre>
		<pre> root@SN5600gentoo:~# ifconfig -v show system operational ----- build : Cumulus Linux 5.10.0 14.d65, 325.01 vgtname : SN5600 hostname : SN5600 product name : Cumulus Linux product release : 5.10.0 platform : x86_64-aws/aes5600-40 system-memory : 31.0 GB used / 248.0 GB free / 261.0 GB total swap-memory : 0 Bytes used / 0 Bytes free / 0 Bytes total health status : OK date-time : 2025-02-17 14:56:39 initial : N/A timezone : Asia/Shanghai maintenance : mode : disabled ports : enabled version : kernel : 6.1.0-31-1-amd64 build-date : Thu Aug 25 09:21:12 UTC 2024 image : 5.102.0057 one : 2022-06-15 00:00:00-115200 </pre>	<pre> Operational Info ----- State : Active Physical state : LinkUp Speed : 800G Width : 8x FEC : Standard RS-FEC - (S44.514) Loopback Mode : No Loopback Auto Negotiation : ON </pre>	<pre> Supported Info ----- Enabled Link Speed : 0x00000080 (NDR) Supported Cable Speed : 0x00000080 (NDR) </pre>	<pre> Physical Counters and BER Info ----- Time Since Last Clear [Min] : 5.5 Symbol Errors : 0 Symbol BER : 15E-255 Effective Physical Errors : 0 Effective Physical BER : 15E-255 Raw Physical Errors Per Lane : 104862.1487280,252626,327522,37697,22807 Raw Physical BER : 2E-8 </pre>

800G to 2*400G ETH	NVIDIA SN5600 to NVIDIA 75310AA	<pre> root@SN5600-mgmt:~# nv show system operational ----- build Cumulus Linux 5.10.0 uptime 14 days, 3:51:01 hostname SN5600 product name Cumulus Linux product release 5.10.0 platform 400 Gb eth64-2x200G-00 system memory 5.13 GB used / 24.86 GB free / 30.92 GB total swap memory 0 Bytes used / 0 Bytes free / 0 Bytes total health status OK date-time 2025-02-17 14:56:39 status N/A timezone Asia/Shanghai maintenance disabled mode enabled ports enabled version 6.3.0-11.1-amd64 kernel Thu Aug 15 09:21:12 UTC 2024 build-date 5.10.0-0071 image 2022.08-5.3.0010-115200 </pre>	<pre> Operational Info ----- State : Active Physical state : LinkUp Speed : 400G Width : 4x FEC : Standard_RS-FEC - (544,514) Loopback Mode : No Loopback Auto Negotiation : ON </pre>	<pre> Physical Counters and BER Info ----- Time Since Last Clear [Min] : 0.6 Effective Physical Errors : 0 Effective Physical BER : 15E-255 Raw Physical Errors Per Lane : 480,323 Raw Physical BER : 1E-10 </pre>
		<pre> Tool Information ----- Firmware Version : 28.43.2026 amBER Version : 3.3 MFT Version : mft 4.29.0-131 </pre>	<pre> Operational Info ----- State : Active Physical state : LinkUp Speed : 400G Width : 4x FEC : Standard_RS-FEC - (544,514) Loopback Mode : No Loopback Auto Negotiation : ON </pre>	<pre> Physical Counters and BER Info ----- Time Since Last Clear [Min] : 1.7 Effective Physical Errors : 0 Effective Physical BER : 15E-255 Raw Physical Errors Per Lane : 110861,3554452,3671233 Link Down Counter : 0 Link Error Recovery Counter : 0 Raw Physical BER : 3E-8 </pre>
800G to 4*200G ETH	NVIDIA SN5600 to NVIDIA 715105A	<pre> root@SN5600-mgmt:~# nv show system operational ----- build Cumulus Linux 5.10.0 uptime 14 days, 3:51:01 hostname SN5600 product name Cumulus Linux product release 5.10.0 platform 400 Gb eth64-2x200G-00 system memory 5.13 GB used / 24.86 GB free / 30.92 GB total swap memory 0 Bytes used / 0 Bytes free / 0 Bytes total health status OK date-time 2025-02-17 14:56:39 status N/A timezone Asia/Shanghai maintenance disabled mode enabled ports enabled version 6.3.0-11.1-amd64 kernel Thu Aug 15 09:21:12 UTC 2024 build-date 5.10.0-0071 image 2022.08-5.3.0010-115200 </pre>	<pre> Operational Info ----- State : Active Physical state : LinkUp Speed : 200G Width : 2x FEC : Standard_RS-FEC - (544,514) Loopback Mode : No Loopback Auto Negotiation : ON </pre>	<pre> Physical Counters and BER Info ----- Time Since Last Clear [Min] : 1.4 Effective Physical Errors : 0 Effective Physical BER : 15E-255 Raw Physical Errors Per Lane : 232 Raw Physical BER : 1E-10 </pre>
		<pre> Tool Information ----- Firmware Version : 28.41.1000 amBER Version : 3.3 MFT Version : mft 4.29.0-131 </pre>	<pre> Operational Info ----- State : Active Physical state : LinkUp Speed : 200G Width : 2x FEC : Standard_RS-FEC - (544,514) Loopback Mode : No Loopback Auto Negotiation : ON </pre>	<pre> Physical Counters and BER Info ----- Time Since Last Clear [Min] : 2.1 Effective Physical Errors : 0 Effective Physical BER : 15E-255 Raw Physical Errors Per Lane : 307000 Link Down Counter : 0 Link Error Recovery Counter : 0 Raw Physical BER : 1E-8 </pre>

4.2 Port Speed Reduction Application

4.2.1 Test Introduction

Device Type	Brands	Test Items	Test Results	Testing Environment
Switches\NICs	NVIDIA\Juniper	Port Speed Reduction Application	Pass	

4.2.2 Test Procedures

Steps	Summary of Test Steps
1	Configure the switch to operate in the speed reduction mode (e.g., from 400G to 2*200G IBÐ).
2	Use test equipment to verify the running information, port module information, and information such as port count/ bit error rate.
3	Take screenshots to record the output results of the tool.

4.2.3 Test Results

Table 4-2: Port Speed Reduction Application Testing

Split Mode	Test Equipment	Tool and Device Info	Operational Info	Supported Info	Physical Counters and BER Info
400G to 2*200G IB	NVIDIA 9700 to NVIDIA 715105A	<pre> Tool Information ----- Firmware Version : 31.2012.1024 amBER Version : 3.3 MFT Version : mft 4.29.0-131 Device Info ----- Part Number : MQM9700-ANCF Part Name : Gorf8B400 Serial Number : MFT23ACT700LEC Revision : AH FW Version : 31.2012.1024 </pre>	<pre> Operational Info ----- State : Active Physical state : Disabled Speed : 1B-NDR Width : 2x FEC : Standard RS-FEC - (544,514) Loopback Mode : No Loopback Auto Negotiation : ON </pre>	<pre> Supported Info ----- Enabled Link Speed : 0x00000000 (NDR) Supported Cable Speed : 0x00000000 (NDR) </pre>	<pre> Physical Counters and BER Info ----- Time Since Last Clear [Min] : 0.5 Symbol Errors : 0 Symbol BER : 15E-255 Effective Physical Errors : 0 Effective Physical BER : 15E-255 Raw Physical Errors Per Lane : 14360,58646,63302,4863 Raw Physical BER : 1E-8 Link Down Counter : 0 Link Error Recovery Counter : 0 </pre>
		<pre> Tool Information ----- Firmware Version : 28.41.1000 amBER Version : 3.3 MFT Version : mft 4.29.0-131 </pre>	<pre> Operational Info ----- State : Active Physical state : Disabled Speed : 1B-NDR Width : 2x FEC : Standard RS-FEC - (544,514) Loopback Mode : No Loopback Auto Negotiation : ON </pre>	<pre> Supported Info ----- Enabled Link Speed : 0x00000000 (NDR) Supported Cable Speed : 0x00000000 (NDR) </pre>	<pre> Physical Counters and BER Info ----- Time Since Last Clear [Min] : 3.2 Symbol Errors : 0 Symbol BER : 15E-255 Effective Physical Errors : 0 Effective Physical BER : 15E-255 Raw Physical Errors Per Lane : 490832,34 Raw Physical BER : 2E-8 Link Down Counter : 0 Link Error Recovery Counter : 0 </pre>
400G to 2*200G ETH	NVIDIA SN5600 to NVIDIA 715105A	<pre> root@SN5600mgmt:~# nv show system operational ----- build : Cumulus Linux 5.10.0 uptime : 14 days, 3:51:01 hostname : SN5600 product name : Cumulus Linux product release : 5.10.0 platform : x86_64-mvnia-wr5600-d system memory : 3.15 GB used / 24.00 GB free / 30.92 GB total swap memory : 0 Bytes used / 0 Bytes free / 0 Bytes total health status : OK date time : 2025-09-17 14:56:59 status : N/A time zone : Asia/Shanghai time source : disabled maintenance : mode : disabled ports : enabled version : 6.1.0-c1.1-amd64 build date : Thu Aug 31 15:21:12 UTC 2024 imgID : 3.10.0.0017 imgP : 2022.08.5.3.0010-115200 imgC : </pre>	<pre> Operational Info ----- State : Active Physical state : LinkUp Speed : 200G Width : 2x FEC : Standard RS-FEC - (544,514) Loopback Mode : No Loopback Auto Negotiation : ON </pre>	<pre> Supported Info ----- Enabled Link Speed(s) : 0x00000000, 0x00000000, 0x00000000, 0x00000000, 0x00000000, 0x00000000, 0x00000000, 0x00000000 Supported Cable Speed(s) : 0x00000000, 0x00000000, 0x00000000, 0x00000000, 0x00000000, 0x00000000, 0x00000000, 0x00000000 </pre>	<pre> Physical Counters and BER Info ----- Time Since Last Clear [Min] : 1.4 Effective Physical Errors : 0 Effective Physical BER : 15E-255 Raw Physical Errors Per Lane : 490832,34 Raw Physical BER : 1E-10 </pre>
		<pre> Tool Information ----- Firmware Version : 28.41.1000 amBER Version : 3.3 MFT Version : mft 4.29.0-131 </pre>	<pre> Operational Info ----- State : Active Physical state : LinkUp Speed : 200G Width : 2x FEC : Standard RS-FEC - (544,514) Loopback Mode : No Loopback Auto Negotiation : ON </pre>	<pre> Supported Info ----- Enabled Link Speed(s) : 0x00000000, 0x00000000, 0x00000000, 0x00000000, 0x00000000, 0x00000000, 0x00000000, 0x00000000 Supported Cable Speed(s) : 0x00000000, 0x00000000, 0x00000000, 0x00000000, 0x00000000, 0x00000000, 0x00000000, 0x00000000 </pre>	<pre> Physical Counters and BER Info ----- Time Since Last Clear [Min] : 2.1 Effective Physical Errors : 0 Effective Physical BER : 15E-255 Raw Physical Errors Per Lane : 307000 Link Down Counter : 0 Link Error Recovery Counter : 0 Raw Physical BER : 1E-8 </pre>