

SFP-10GSR-85

TEST REPORT (Cisco)



Content

1. Test Purpose 3

2. Test Result Summary 3

3. Test Equipment Used..... 3

4. Test Data..... 4

 4.1 Test Scenario..... 4

 4.2 Test Result..... 5

1. Test Purpose

By building test scenarios and simulating the customer's usage environment, we test whether the module performance meets the customer's requirements.

2. Test Result Summary

Table 2-1: Test Result Summary

Test Items	Test Result
Muti-Version	Pass
Connectivity	Pass
Module Basic Information	Pass
Digital Diagnostic Monitoring	Pass

3. Test Equipment Used

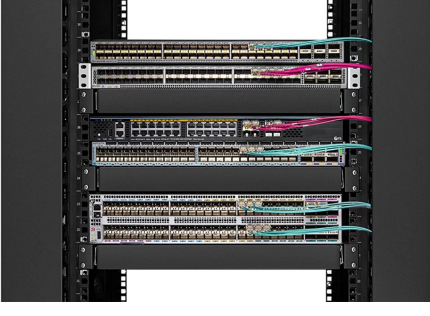
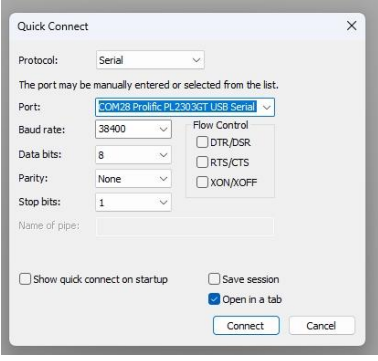
Table 3-1: Test Equipment Used

Vendor	Device	Soft Version/Compatible Brand	Serial Number
Cisco Switch	C9500-24Y4C	17.12.03	/
Intel Network Interface Card (NIC)	XXV710-DA2	9.50 0x8000f177	/
FS Optical Transceiver Module	SFP-10GSR-85	Cisco Compatible	Y2440027585 Y2440027698
FS Server	RS7260	/	/

4. Test Data

4.1 Test Scenario

Table 4-1: Test Scenario

Test Topology	Network topology:  Interoperability test scenario : 
Test Premise	1. Confirm the brand, quantity and placement of the switches to be tested. 2. Prepare control cables, test software and optical fiber patch cords. Power on the switches in advance. 3. Locate the Console port on the switch, which is usually marked as "CON" on the switch, although some switches may display it as "IOIOI" or a computer monitor icon, etc. Use a control cable to connect the switch to the computer.  4. Before connecting the software, it is necessary to confirm the connection port of the control cable. Go to the computer device manager, click on the ports (COM and LPT) to view the ports. After confirming the ports, proceed with the next step.
Test Method	Click to open the SecureCRT Portable software and enter the quick connection interface. ① Protocol selection: Serial ② Port selection: The same as the port you viewed in the previous step ③ Baud rate selection: The same as the baud rate of the port on the target switch ④ Flow control: Do not check this option The remaining configurations can keep the default values. 

Test Steps	① Insert the module into the corresponding rate port of the switch, and connect the TX-RX ends with an optical fiber jumper or an MTP self-loop device. Observe whether the module is connected. If not connected, please check the jumper connection or the switch port configuration (login to the switch is required). ② Enter the test interface, input the account and password, log in to the switch and enter privileged mode. ③ According to the switch command configuration table, input the corresponding test command and view the relevant information: port status (connectivity), connection rate, alarm status, module basic information, DDM information, etc. Determine whether it meets the requirements.
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4.2 Test Result

Table 4-2: Test Result

Test Information

1. Read the switch model name and software version, and read the status of all ports on the switch

C9500-24Y4C#show version
Cisco IOS XE Software, Version 17.12.03
Cisco IOS Software [Dublin], Catalyst L3 Switch Software (CAT9K_IOSXE), Version 17.12.3, RELEASE SOFTWARE (fc7)
Technical Support: <http://www.cisco.com/techsupport>
Copyright (c) 1986-2024 by Cisco Systems, Inc.
Compiled Wed 20-Mar-24 15:40 by mcpre

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ROM: IOS-XE ROMMON
BOOTLDR: System Bootstrap, Version 17.8.1r[FC1], RELEASE SOFTWARE (P)

C9500-24Y4C uptime is 1 week, 4 days, 57 minutes
Uptime for this control processor is 1 week, 4 days, 59 minutes
System returned to ROM by PowerOn
System image file is "bootflash:packages.conf"
Last reload reason: PowerOn

C9500-24Y4C#show interface status

Port	Name	Status	Vlan	Duplex	Speed	Type
Twe1/0/1		notconnect	routed	full	25G	unknown
Twe1/0/2		notconnect	routed	full	25G	unknown
Twe1/0/3		notconnect	routed	full	a-25G	unknown
Twe1/0/4		notconnect	routed	full	a-25G	unknown
Twe1/0/5		notconnect	routed	full	a-25G	unknown
Twe1/0/6		notconnect	1	full	a-25G	unknown
Twe1/0/7		notconnect	1	full	a-25G	unknown
Twe1/0/8		notconnect	1	full	a-25G	unknown
Twe1/0/9		notconnect	1	full	a-25G	unknown
Twe1/0/10		notconnect	1	full	a-25G	unknown
Twe1/0/11		notconnect	1	full	a-25G	unknown
Twe1/0/12		notconnect	1	full	a-25G	unknown
Twe1/0/13		notconnect	1	full	a-25G	unknown
Twe1/0/14		connected	1	full	10G	SFP-10GBase-SR
Twe1/0/15		notconnect	routed	auto	auto	unknown
Twe1/0/16		connected	1	full	10G	SFP-10GBase-SR
Twe1/0/17		notconnect	1	full	a-25G	unknown
Twe1/0/18		notconnect	1	full	25G	unknown
Twe1/0/19		notconnect	1	auto	a-10G	unknown

Port	Name	Status	Vlan	Duplex	Speed	Type
Twe1/0/20		notconnect	1	full	auto	unknown
Twe1/0/21		notconnect	routed	full	a-25G	unknown
Twe1/0/22		notconnect	routed	full	a-25G	unknown
Twe1/0/23		notconnect	1	auto	auto	unknown
Twe1/0/24		notconnect	1	auto	auto	unknown
Hu1/0/25		notconnect	1	full	40G	unknown
Hu1/0/26		notconnect	1	full	100G	unknown
Hu1/0/27		notconnect	routed	full	100G	unknown
Hu1/0/28		notconnect	1	full	100G	unknown

Test Information	2. Verify the NIC port status Operational Info ----- State : Active Physical state : LinkUp Speed : 10GbE Width : 1x FEC : No FEC Loopback Mode : No Loopback Auto Negotiation : ON Supported Info ----- Enabled Link Speed : 0x38007011 (25G,10G,1G) Supported Cable Speed : 0x00002000 (10G) Troubleshooting Info ----- Status Opcode : 0 Group Opcode : N/A Recommendation : No issue was observed Tool Information ----- Firmware Version : 13.2014.1108 MFT Version : mft 4.28.0-97

**Test
Information**

3. Read the module's basic information from the switch side

C9500-24Y4C#show idprom interface twentyFiveGigE 1/0/14 detail

IDPROM for transceiver TwentyFiveGigE1/0/14:

Description = SFP or SFP+ optics (type 3)

Transceiver Type: = SFP+ 10GBASE-SR (273)

Product Identifier (PID) = SFP-10G-SR

Vendor Revision =

Serial Number (SN) = Y2440027585

Vendor Name = FS

Vendor OUI (IEEE company ID) = 00.00.00 (0)

CLEI code = COUIA8NCAA

Cisco part number = 10-2415-03

Device State = Enabled.

Date code (yy/mm/dd) = 24/12/21

Connector type = LC.

Encoding = 64B/66B (6)

Nominal bitrate = (10300 Mbits/s)

Minimum bit rate as % of nominal bit rate = 88 % of 10300 Mbits/s

Maximum bit rate as % of nominal bit rate = 10 % of 10300 Mbits/s

The transceiver type is 273

Link reach for 9u fiber (km) = SX(550/270m) (0)

1xFC-MM(500/300m) (0)

2xFC-MM(300/150m) (0)

ESCON-MM(2km) (0)

Link reach for 9u fiber (m) = SX(550/270m) (0)

1xFC-MM(500/300m) (0)

2xFC-MM(300/150m) (0)

ESCON-MM(2km) (0)

Link reach for 50u fiber (m) = 2xFC-MM(300/150m) (30)

Link reach for 62.5u fiber (m) = 2xFC-MM(300/150m) (15)

Nominal laser wavelength = 850 nm.

DWDM wavelength fraction = 850.0 nm.

Supported options = Tx disable

Tx fault signal

Loss of signal (standard implementation)

Supported enhanced options = Alarms for monitored parameters

Software Tx disable

Software Tx fault monitoring

Software Rx LOS monitoring

Diagnostic monitoring = Digital diagnostics supported

Diagnostics are internally calibrated

Rx power measured is "Average power"

Transceiver temperature operating range = not specified

Minimum operating temperature = 0 C

Maximum operating temperature = 70 C

High temperature alarm threshold = +75.000 C

High temperature warning threshold = +70.000 C

Low temperature warning threshold = +0.000 C

Low temperature alarm threshold = -5.000 C

High voltage alarm threshold = 3630.0 mVolts

High voltage warning threshold = 3450.0 mVolts

Low voltage warning threshold = 3130.0 mVolts

Low voltage alarm threshold = 2970.0 mVolts

High laser bias current alarm threshold = 12.000 mAmps

High laser bias current warning threshold = 11.000 mAmps

Low laser bias current warning threshold = 2.000 mAmps

Low laser bias current alarm threshold = 1.000 mAmps

High transmit power alarm threshold = 1.0 dBm

High transmit power warning threshold = -1.0 dBm

Low transmit power warning threshold = -7.0 dBm

Low transmit power alarm threshold = -9.0 dBm

High receive power alarm threshold = 1.0 dBm

High receive power warning threshold = -1.0 dBm

Low receive power warning threshold = -10.0 dBm

Low receive power alarm threshold = -12.0 dBm

External Calibration: bias current slope = 1.000

External Calibration: bias current offset = 0

Test Information

C9500-24Y4C#show idprom interface twentyFiveGigE 1/0/16 detail

IDPROM for transceiver TwentyFiveGigE1/0/16:

Description = SFP or SFP+ optics (type 3)
Transceiver Type: = SFP+ 10GBASE-SR (273)
Product Identifier (PID) = SFP-10G-SR
Vendor Revision =
Serial Number (SN) = Y2440027698
Vendor Name = FS
Vendor OUI (IEEE company ID) = 00.00.00 (0)
CLEI code = COUIA8NCAA
Cisco part number = 10-2415-03
Device State = Enabled.
Date code (yy/mm/dd) = 24/12/21
Connector type = LC.
Encoding = 64B/66B (6)
Nominal bitrate = (10300 Mbits/s)
Minimum bit rate as % of nominal bit rate = 88 % of 10300 Mbits/s
Maximum bit rate as % of nominal bit rate = 10 % of 10300 Mbits/s
The transceiver type is 273
Link reach for 9u fiber (km) = SX(550/270m) (0)
1xFC-MM(500/300m) (0)
2xFC-MM(300/150m) (0)
ESCON-MM(2km) (0)
Link reach for 9u fiber (m) = SX(550/270m) (0)
1xFC-MM(500/300m) (0)
2xFC-MM(300/150m) (0)
ESCON-MM(2km) (0)
Link reach for 50u fiber (m) = 2xFC-MM(300/150m) (30)
Link reach for 62.5u fiber (m) = 2xFC-MM(300/150m) (15)
Nominal laser wavelength = 850 nm.
DWDM wavelength fraction = 850.0 nm.
Supported options = Tx disable
Tx fault signal
Loss of signal (standard implementation)
Supported enhanced options = Alarms for monitored parameters
Software Tx disable
Software Tx fault monitoring
Software Rx LOS monitoring
Diagnostic monitoring = Digital diagnostics supported
Diagnostics are internally calibrated
Rx power measured is "Average power"
Transceiver temperature operating range = not specified
Minimum operating temperature = 0 C
Maximum operating temperature = 70 C
High temperature alarm threshold = +75.000 C
High temperature warning threshold = +70.000 C
Low temperature warning threshold = +0.000 C
Low temperature alarm threshold = -5.000 C
High voltage alarm threshold = 3630.0 mVolts
High voltage warning threshold = 3450.0 mVolts
Low voltage warning threshold = 3130.0 mVolts
Low voltage alarm threshold = 2970.0 mVolts
High laser bias current alarm threshold = 12.000 mAmps
High laser bias current warning threshold = 11.000 mAmps
Low laser bias current warning threshold = 2.000 mAmps
Low laser bias current alarm threshold = 1.000 mAmps
High transmit power alarm threshold = 1.0 dBm
High transmit power warning threshold = -1.0 dBm
Low transmit power warning threshold = -7.0 dBm
Low transmit power alarm threshold = -9.0 dBm
High receive power alarm threshold = 1.0 dBm
High receive power warning threshold = -1.0 dBm
Low receive power warning threshold = -10.0 dBm
Low receive power alarm threshold = -12.0 dBm
External Calibration: bias current slope = 1.000
External Calibration: bias current offset = 0

4. Read the module's basic information from the NIC side

```
[root@RS5220 fs]# ethtool -m ens4f0
```

```

Identifier           : 0x03 (SFP)
Extended identifier   : 0x04 (GBIC/SFP defined by 2-wire interface ID)
Connector            : 0x07 (LC)
Transceiver codes     : 0x10 0x00 0x00 0x00 0x00 0x00 0x00 0x00 0x00
Transceiver type      : 10G Ethernet: 10G Base-SR
Encoding              : 0x06 (64B/66B)
BR, Nominal           : 10300MBd
Rate identifier       : 0x02 (8/4/2G Rx Rate_Select only)
Length (SMF,km)       : 0km
Length (SMF)          : 0m
Length (50um)         : 80m
Length (62.5um)       : 30m
Length (Copper)       : 0m
Length (OM3)          : 300m
Laser wavelength      : 850nm
Vendor name           : FS
Vendor OUI            : 00:1b:21
Vendor PN             : SFP-10GSR-85
Vendor rev            : A
Option values         : 0x00 0x3a
Option                : RX_LOS implemented
Option                : TX_FAULT implemented
Option                : TX_DISABLE implemented
Option                : RATE_SELECT implemented
BR margin, max        : 0%
BR margin, min        : 0%
Vendor SN             : A2120001651
Date code             : 211123
Optical diagnostics support : Yes
Laser bias current    : 6.432 mA
Laser output power    : 0.5199 mW / -2.84 dBm
Receiver signal average optical power : 0.5446 mW / -2.64 dBm
Module temperature    : 28.75 degrees C / 83.75 degrees F
Module voltage        : 3.3315 V
Alarm/warning flags implemented : Yes
Laser bias current high alarm : Off
Laser bias current low alarm : Off
Laser bias current high warning : Off
Laser bias current low warning : Off
Laser output power high alarm : Off
Laser output power low alarm : Off
Laser output power high warning : Off
Laser output power low warning : Off
Module temperature high alarm : Off
Module temperature low alarm : Off
Module temperature high warning : Off
Module temperature low warning : Off
Module voltage high alarm : Off
Module voltage low alarm : Off
Module voltage high warning : Off
Module voltage low warning : Off
Laser rx power high alarm : Off
Laser rx power low alarm : Off
Laser rx power high warning : Off
Laser rx power low warning : Off
Laser bias current high alarm threshold : 12.000 mA
Laser bias current low alarm threshold : 1.000 mA
Laser bias current high warning threshold : 11.000 mA
Laser bias current low warning threshold : 2.000 mA
Laser output power high alarm threshold : 1.2589 mW / 1.00 dBm
Laser output power low alarm threshold : 0.1259 mW / -9.00 dBm
Laser output power high warning threshold : 0.7943 mW / -1.00 dBm
Laser output power low warning threshold : 0.1995 mW / -7.00 dBm
Module temperature high alarm threshold : 75.00 degrees C / 167.00 degrees F
Module temperature low alarm threshold : -5.00 degrees C / 23.00 degrees F
Module temperature high warning threshold : 70.00 degrees C / 158.00 degrees F
Module temperature low warning threshold : 0.00 degrees C / 32.00 degrees F
Module voltage high alarm threshold : 3.6300 V
Module voltage low alarm threshold : 2.9700 V
Module voltage high warning threshold : 3.4500 V
Module voltage low warning threshold : 3.1300 V
Laser rx power high alarm threshold : 1.2589 mW / 1.00 dBm
Laser rx power low alarm threshold : 0.0631 mW / -12.00 dBm
Laser rx power high warning threshold : 0.7943 mW / -1.00 dBm
Laser rx power low warning threshold : 0.1000 mW / -10.00 dBm

```

Test Information

**Test
Information**

```
[root@RS5220 fs]# ethtool -m ens4f1
Identifier                : 0x03 (SFP)
Extended identifier       : 0x04 (GBIC/SFP defined by 2-wire interface ID)
Connector                 : 0x07 (LC)
Transceiver codes         : 0x10 0x00 0x00 0x00 0x00 0x00 0x00 0x00 0x00
Transceiver type          : 10G Ethernet: 10G Base-SR
Encoding                  : 0x06 (64B/66B)
BR, Nominal               : 10300MBd
Rate identifier           : 0x02 (8/4/2G Rx Rate_Select only)
Length (SMF,km)           : 0km
Length (SMF)              : 0m
Length (50um)             : 80m
Length (62.5um)           : 30m
Length (Copper)           : 0m
Length (OM3)              : 300m
Laser wavelength         : 850nm
Vendor name               : FS
Vendor OUI                : 00:1b:21
Vendor PN                 : SFP-10GSR-85
Vendor rev                : A
Option values             : 0x00 0x3a
Option                    : RX_LOS implemented
Option                    : TX_FAULT implemented
Option                    : TX_DISABLE implemented
Option                    : RATE_SELECT implemented
BR margin, max            : 0%
BR margin, min            : 0%
Vendor SN                 : A2120001652
Date code                 : 211123
Optical diagnostics support : Yes
Laser bias current        : 6.604 mA
Laser output power        : 0.5157 mW / -2.88 dBm
Receiver signal average optical power : 0.5682 mW / -2.45 dBm
Module temperature        : 29.00 degrees C / 84.20 degrees F
Module voltage            : 3.3290 V
Alarm/warning flags implemented : Yes
Laser bias current high alarm : Off
Laser bias current low alarm  : Off
Laser bias current high warning : Off
Laser bias current low warning : Off
Laser output power high alarm : Off
Laser output power low alarm  : Off
Laser output power high warning : Off
Laser output power low warning : Off
Module temperature high alarm : Off
Module temperature low alarm  : Off
Module temperature high warning : Off
Module temperature low warning : Off
Module voltage high alarm     : Off
Module voltage low alarm      : Off
Module voltage high warning   : Off
Module voltage low warning    : Off
Laser rx power high alarm     : Off
Laser rx power low alarm      : Off
Laser rx power high warning   : Off
Laser rx power low warning    : On
Laser bias current high alarm threshold : 12.000 mA
Laser bias current low alarm threshold  : 1.000 mA
Laser bias current high warning threshold : 11.000 mA
Laser bias current low warning threshold : 2.000 mA
Laser output power high alarm threshold : 1.2589 mW / 1.00 dBm
Laser output power low alarm threshold  : 0.1259 mW / -9.00 dBm
Laser output power high warning threshold : 0.7943 mW / -1.00 dBm
Laser output power low warning threshold : 0.1995 mW / -7.00 dBm
Module temperature high alarm threshold : 75.00 degrees C / 167.00 degrees F
Module temperature low alarm threshold  : -5.00 degrees C / 23.00 degrees F
Module temperature high warning threshold : 70.00 degrees C / 158.00 degrees F
Module temperature low warning threshold : 0.00 degrees C / 32.00 degrees F
Module voltage high alarm threshold     : 3.6300 V
Module voltage low alarm threshold      : 2.9700 V
Module voltage high warning threshold   : 3.4500 V
Module voltage low warning threshold    : 3.1300 V
Laser rx power high alarm threshold     : 1.2589 mW / 1.00 dBm
Laser rx power low alarm threshold      : 0.0631 mW / -12.00 dBm
Laser rx power high warning threshold   : 0.7943 mW / -1.00 dBm
Laser rx power low warning threshold    : 0.1000 mW / -10.00 dBm
```

```
[root@RS5220 fs]#
```

Test Information	5. Read the DDM information of the module												
	C9500-24Y4C#show interface twentyFiveGigE 1/0/14 transceiver detail												
	ITU Channel not available (Wavelength not available),												
	Transceiver is internally calibrated.												
	mA: milliamperes, dBm: decibels (milliwatts), NA or N/A: not applicable.												
	++ : high alarm, + : high warning, - : low warning, -- : low alarm.												
	A2D readouts (if they differ), are reported in parentheses.												
	The threshold values are calibrated.												
	<table><thead><tr><th>Port</th><th>Temperature (Celsius)</th><th>High Alarm Threshold (Celsius)</th><th>High Warn Threshold (Celsius)</th><th>Low Warn Threshold (Celsius)</th><th>Low Alarm Threshold (Celsius)</th></tr></thead><tbody><tr><td>Twe1/0/14</td><td>30.8</td><td>75.0</td><td>70.0</td><td>0.0</td><td>-5.0</td></tr></tbody></table>	Port	Temperature (Celsius)	High Alarm Threshold (Celsius)	High Warn Threshold (Celsius)	Low Warn Threshold (Celsius)	Low Alarm Threshold (Celsius)	Twe1/0/14	30.8	75.0	70.0	0.0	-5.0
	Port	Temperature (Celsius)	High Alarm Threshold (Celsius)	High Warn Threshold (Celsius)	Low Warn Threshold (Celsius)	Low Alarm Threshold (Celsius)							
Twe1/0/14	30.8	75.0	70.0	0.0	-5.0								
<table><thead><tr><th>Port</th><th>Voltage (Volts)</th><th>High Alarm Threshold (Volts)</th><th>High Warn Threshold (Volts)</th><th>Low Warn Threshold (Volts)</th><th>Low Alarm Threshold (Volts)</th></tr></thead><tbody><tr><td>Twe1/0/14</td><td>3.33</td><td>3.63</td><td>3.45</td><td>3.13</td><td>2.97</td></tr></tbody></table>	Port	Voltage (Volts)	High Alarm Threshold (Volts)	High Warn Threshold (Volts)	Low Warn Threshold (Volts)	Low Alarm Threshold (Volts)	Twe1/0/14	3.33	3.63	3.45	3.13	2.97	
Port	Voltage (Volts)	High Alarm Threshold (Volts)	High Warn Threshold (Volts)	Low Warn Threshold (Volts)	Low Alarm Threshold (Volts)								
Twe1/0/14	3.33	3.63	3.45	3.13	2.97								
<table><thead><tr><th>Port</th><th>Current Lane (milliamperes)</th><th>High Alarm Threshold (mA)</th><th>High Warn Threshold (mA)</th><th>Low Warn Threshold (mA)</th><th>Low Alarm Threshold (mA)</th></tr></thead><tbody><tr><td>Twe1/0/14</td><td>N/A 6.4</td><td>12.0</td><td>11.0</td><td>2.0</td><td>1.0</td></tr></tbody></table>	Port	Current Lane (milliamperes)	High Alarm Threshold (mA)	High Warn Threshold (mA)	Low Warn Threshold (mA)	Low Alarm Threshold (mA)	Twe1/0/14	N/A 6.4	12.0	11.0	2.0	1.0	
Port	Current Lane (milliamperes)	High Alarm Threshold (mA)	High Warn Threshold (mA)	Low Warn Threshold (mA)	Low Alarm Threshold (mA)								
Twe1/0/14	N/A 6.4	12.0	11.0	2.0	1.0								
<table><thead><tr><th>Port</th><th>Optical Transmit Power Lane (dBm)</th><th>High Alarm Threshold (dBm)</th><th>High Warn Threshold (dBm)</th><th>Low Warn Threshold (dBm)</th><th>Low Alarm Threshold (dBm)</th></tr></thead><tbody><tr><td>Twe1/0/14</td><td>N/A -2.8</td><td>1.0</td><td>-1.0</td><td>-7.0</td><td>-9.0</td></tr></tbody></table>	Port	Optical Transmit Power Lane (dBm)	High Alarm Threshold (dBm)	High Warn Threshold (dBm)	Low Warn Threshold (dBm)	Low Alarm Threshold (dBm)	Twe1/0/14	N/A -2.8	1.0	-1.0	-7.0	-9.0	
Port	Optical Transmit Power Lane (dBm)	High Alarm Threshold (dBm)	High Warn Threshold (dBm)	Low Warn Threshold (dBm)	Low Alarm Threshold (dBm)								
Twe1/0/14	N/A -2.8	1.0	-1.0	-7.0	-9.0								
<table><thead><tr><th>Port</th><th>Optical Receive Power Lane (dBm)</th><th>High Alarm Threshold (dBm)</th><th>High Warn Threshold (dBm)</th><th>Low Warn Threshold (dBm)</th><th>Low Alarm Threshold (dBm)</th></tr></thead><tbody><tr><td>Twe1/0/14</td><td>N/A -2.6</td><td>1.0</td><td>-1.0</td><td>-10.0</td><td>-12.0</td></tr></tbody></table>	Port	Optical Receive Power Lane (dBm)	High Alarm Threshold (dBm)	High Warn Threshold (dBm)	Low Warn Threshold (dBm)	Low Alarm Threshold (dBm)	Twe1/0/14	N/A -2.6	1.0	-1.0	-10.0	-12.0	
Port	Optical Receive Power Lane (dBm)	High Alarm Threshold (dBm)	High Warn Threshold (dBm)	Low Warn Threshold (dBm)	Low Alarm Threshold (dBm)								
Twe1/0/14	N/A -2.6	1.0	-1.0	-10.0	-12.0								
C9500-24Y4C#show interface twentyFiveGigE 1/0/16 transceiver detail													
ITU Channel not available (Wavelength not available),													
Transceiver is internally calibrated.													
mA: milliamperes, dBm: decibels (milliwatts), NA or N/A: not applicable.													
++ : high alarm, + : high warning, - : low warning, -- : low alarm.													
A2D readouts (if they differ), are reported in parentheses.													
The threshold values are calibrated.													
<table><thead><tr><th>Port</th><th>Temperature (Celsius)</th><th>High Alarm Threshold (Celsius)</th><th>High Warn Threshold (Celsius)</th><th>Low Warn Threshold (Celsius)</th><th>Low Alarm Threshold (Celsius)</th></tr></thead><tbody><tr><td>Twe1/0/16</td><td>30.6</td><td>75.0</td><td>70.0</td><td>0.0</td><td>-5.0</td></tr></tbody></table>	Port	Temperature (Celsius)	High Alarm Threshold (Celsius)	High Warn Threshold (Celsius)	Low Warn Threshold (Celsius)	Low Alarm Threshold (Celsius)	Twe1/0/16	30.6	75.0	70.0	0.0	-5.0	
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Port	Optical Transmit Power Lane (dBm)	High Alarm Threshold (dBm)	High Warn Threshold (dBm)	Low Warn Threshold (dBm)	Low Alarm Threshold (dBm)								
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Port	Optical Receive Power Lane (dBm)	High Alarm Threshold (dBm)	High Warn Threshold (dBm)	Low Warn Threshold (dBm)	Low Alarm Threshold (dBm)								
Twe1/0/16	N/A -2.6	1.0	-1.0	-10.0	-12.0								
C9500-24Y4C#show idprom interface twentyFiveGigE 1/0/14 detail													
Test Conclusion	After completing the above test content, all the test information should be copied and pasted into a TXT document.												
Remarks													