

# SFP1G-SX-85

## TEST REPORT (Cisco)



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## 1. Test Purpose

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

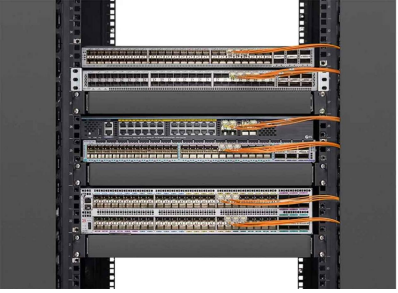
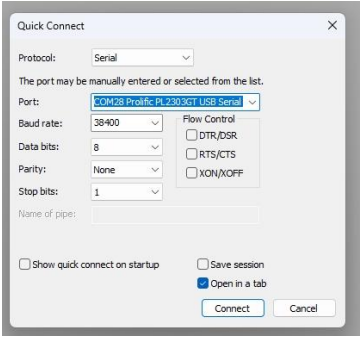
Table 3-1: Test Equipment Used

| Vendor                             | Device         | Soft Version/Compatible Brand | Serial Number              |
|------------------------------------|----------------|-------------------------------|----------------------------|
| Cisco Switch                       | C9300X-12Y     | 17.03.05                      | /                          |
| Intel Network Interface Card (NIC) | Intel X710-DA2 | /                             | /                          |
| FS Optical Transceiver Module      | SFP1G-SX-85    | Cisco Compatible              | Y2301105533<br>Y2301106424 |
| FS Server                          | RS7260         | /                             | /                          |

## 4. Test Data

### 4.1 Test Scenario

Table 4-1: Test Scenario

|                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>Test Topology</b></p> | <p>Network topology :</p>  <p>Interoperability test scenario :</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <p><b>Test Premise</b></p>  | <ol style="list-style-type: none"> <li>1. Confirm the brand, quantity and placement of the switches to be tested.</li> <li>2. Prepare control cables, test software and optical fiber patch cords. Power on the switches in advance.</li> <li>3. Locate the Console port on the switch, which is usually marked as "CON" on the switch, although some switches may display it as "IOIO!" or a computer monitor icon, etc. Use a control cable to connect the switch to the computer.</li> </ol>  <ol style="list-style-type: none"> <li>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.</li> </ol> |
| <p><b>Test Method</b></p>   | <p>Click to open the SecureCRT Portable software and enter the quick connection interface.</p> <ol style="list-style-type: none"> <li>① Protocol selection: Serial</li> <li>② Port selection: The same as the port you viewed in the previous step</li> <li>③ Baud rate selection: The same as the baud rate of the port on the target switch</li> <li>④ Flow control: Do not check this option</li> </ol> <p>The remaining configurations can keep the default values.</p>                                                                                                                                                                                                                                                                                                                               |

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Test Steps</b> | <p>① Insert the optical 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).</p> <p>② Enter the test interface, input the account and password, log in to the switch and enter privileged mode.</p> <p>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.</p> |
|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## 4.2 Test Result

Table 4-2: Test Result

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Test Information</b> | <p>1. Read the switch model name and software version, and read the status of all ports on the switch</p> <pre>Switch#show version Cisco IOS XE Software, Version 17.03.05 Cisco IOS Software [Amsterdam], Catalyst L3 Switch Software (CAT9K_IOSXE), Version 17.3.5, RELEASE SOFTWARE (fc2) Technical Support: http://www.cisco.com/techsupport Copyright (c) 1986-2022 by Cisco Systems, Inc. Compiled Wed 09-Feb-22 10:41 by mcpre</pre> <p>Cisco IOS-XE software, Copyright (c) 2005-2022 by cisco Systems, Inc.<br/>All rights reserved. Certain components of Cisco IOS-XE software are licensed under the GNU General Public License ("GPL") Version 2.0. The software code licensed under GPL Version 2.0 is free software that comes with ABSOLUTELY NO WARRANTY. You can redistribute and/or modify such GPL code under the terms of GPL Version 2.0. For more details, see the documentation or "License Notice" file accompanying the IOS-XE software, or the applicable URL provided on the flyer accompanying the IOS-XE software.</p> <p>ROM: IOS-XE ROMMON<br/>BOOTLDR: System Bootstrap, Version 17.3.2r, RELEASE SOFTWARE (P)</p> <p>Switch uptime is 20 minutes<br/>Uptime for this control processor is 21 minutes<br/>System returned to ROM by Reload Command<br/>System image file is "flash:packages.conf"<br/>Last reload reason: Reload Command</p> |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## Test Information

Switch#show interface status

| Port     | Name | Status     | Vlan | Duplex | Speed | Type              |
|----------|------|------------|------|--------|-------|-------------------|
| Gi1/0/1  |      | notconnect | 1    | auto   | auto  | 10/100/1000BaseTX |
| Gi1/0/2  |      | notconnect | 1    | auto   | auto  | 10/100/1000BaseTX |
| Gi1/0/3  |      | notconnect | 1    | auto   | auto  | 10/100/1000BaseTX |
| Gi1/0/4  |      | notconnect | 1    | auto   | auto  | 10/100/1000BaseTX |
| Gi1/0/5  |      | notconnect | 1    | auto   | auto  | 10/100/1000BaseTX |
| Gi1/0/6  |      | notconnect | 1    | auto   | auto  | 10/100/1000BaseTX |
| Gi1/0/7  |      | notconnect | 1    | auto   | auto  | 10/100/1000BaseTX |
| Gi1/0/8  |      | notconnect | 1    | auto   | auto  | 10/100/1000BaseTX |
| Gi1/0/9  |      | notconnect | 1    | auto   | auto  | 10/100/1000BaseTX |
| Gi1/0/10 |      | notconnect | 1    | auto   | auto  | 10/100/1000BaseTX |
| Gi1/0/11 |      | notconnect | 1    | auto   | auto  | 10/100/1000BaseTX |

| Port     | Name | Status     | Vlan | Duplex | Speed | Type              |
|----------|------|------------|------|--------|-------|-------------------|
| Gi1/0/12 |      | notconnect | 1    | auto   | auto  | 10/100/1000BaseTX |
| Gi1/0/13 |      | notconnect | 1    | auto   | auto  | 10/100/1000BaseTX |
| Gi1/0/14 |      | notconnect | 1    | auto   | auto  | 10/100/1000BaseTX |
| Gi1/0/15 |      | notconnect | 1    | auto   | auto  | 10/100/1000BaseTX |
| Gi1/0/16 |      | notconnect | 1    | auto   | auto  | 10/100/1000BaseTX |
| Gi1/0/17 |      | notconnect | 1    | auto   | auto  | 10/100/1000BaseTX |
| Gi1/0/18 |      | notconnect | 1    | auto   | auto  | 10/100/1000BaseTX |
| Gi1/0/19 |      | notconnect | 1    | auto   | auto  | 10/100/1000BaseTX |
| Gi1/0/20 |      | notconnect | 1    | auto   | auto  | 10/100/1000BaseTX |
| Gi1/0/21 |      | notconnect | 1    | auto   | auto  | 10/100/1000BaseTX |
| Gi1/0/22 |      | notconnect | 1    | auto   | auto  | 10/100/1000BaseTX |
| Gi1/0/23 |      | notconnect | 1    | auto   | auto  | 10/100/1000BaseTX |

| Port     | Name | Status     | Vlan | Duplex | Speed | Type              |
|----------|------|------------|------|--------|-------|-------------------|
| Gi1/0/24 |      | notconnect | 1    | auto   | auto  | 10/100/1000BaseTX |
| Gi1/0/25 |      | notconnect | 1    | auto   | auto  | 10/100/1000BaseTX |
| Gi1/0/26 |      | notconnect | 1    | auto   | auto  | 10/100/1000BaseTX |
| Gi1/0/27 |      | notconnect | 1    | auto   | auto  | 10/100/1000BaseTX |
| Gi1/0/28 |      | notconnect | 1    | auto   | auto  | 10/100/1000BaseTX |
| Gi1/0/29 |      | notconnect | 1    | auto   | auto  | 10/100/1000BaseTX |
| Gi1/0/30 |      | notconnect | 1    | auto   | auto  | 10/100/1000BaseTX |
| Gi1/0/31 |      | notconnect | 1    | auto   | auto  | 10/100/1000BaseTX |
| Gi1/0/32 |      | notconnect | 1    | auto   | auto  | 10/100/1000BaseTX |
| Gi1/0/33 |      | notconnect | 1    | auto   | auto  | 10/100/1000BaseTX |
| Gi1/0/34 |      | notconnect | 1    | auto   | auto  | 10/100/1000BaseTX |
| Gi1/0/35 |      | notconnect | 1    | auto   | auto  | 10/100/1000BaseTX |

| Port     | Name | Status     | Vlan | Duplex | Speed | Type              |
|----------|------|------------|------|--------|-------|-------------------|
| Gi1/0/36 |      | notconnect | 1    | auto   | auto  | 10/100/1000BaseTX |
| Gi1/0/37 |      | notconnect | 1    | auto   | auto  | 10/100/1000BaseTX |
| Gi1/0/38 |      | notconnect | 1    | auto   | auto  | 10/100/1000BaseTX |
| Gi1/0/39 |      | notconnect | 1    | auto   | auto  | 10/100/1000BaseTX |
| Gi1/0/40 |      | notconnect | 1    | auto   | auto  | 10/100/1000BaseTX |
| Gi1/0/41 |      | notconnect | 1    | auto   | auto  | 10/100/1000BaseTX |
| Gi1/0/42 |      | notconnect | 1    | auto   | auto  | 10/100/1000BaseTX |
| Gi1/0/43 |      | notconnect | 1    | auto   | auto  | 10/100/1000BaseTX |
| Gi1/0/44 |      | notconnect | 1    | auto   | auto  | 10/100/1000BaseTX |
| Gi1/0/45 |      | notconnect | 1    | auto   | auto  | 10/100/1000BaseTX |
| Gi1/0/46 |      | notconnect | 1    | auto   | auto  | 10/100/1000BaseTX |
| Gi1/0/47 |      | notconnect | 1    | auto   | auto  | 10/100/1000BaseTX |

| Port     | Name | Status     | Vlan | Duplex | Speed  | Type              |
|----------|------|------------|------|--------|--------|-------------------|
| Gi1/0/48 |      | notconnect | 1    | auto   | auto   | 10/100/1000BaseTX |
| Te1/1/1  |      | connected  | 100  | full   | 1000   | 1000BaseSX SFP    |
| Te1/1/2  |      | connected  | 1    | full   | 1000   | 1000BaseSX SFP    |
| Te1/1/3  |      | notconnect | 1    | full   | 1000   | unknown           |
| Te1/1/4  |      | notconnect | 1    | auto   | auto   | unknown           |
| Te1/1/5  |      | notconnect | 1    | auto   | auto   | unknown           |
| Te1/1/6  |      | notconnect | 1    | auto   | auto   | unknown           |
| Te1/1/7  |      | notconnect | 1    | auto   | 100    | unknown           |
| Te1/1/8  |      | notconnect | 1    | auto   | 100    | unknown           |
| Ap1/0/1  |      | connected  | 1    | a-full | a-1000 | App-hosting port  |



## 2. Verify the NIC port status

```
[FS@localhost ~]$ ethtool enp1s0f0
```

```
Settings for enp1s0f0:
```

```
Supported ports: [ FIBRE ]
```

```
Supported link modes: 1000baseX/Full
```

```
Supported pause frame use: Symmetric Receive-only
```

```
Supports auto-negotiation: Yes
```

```
Supported FEC modes: Not reported
```

```
Advertised link modes: 1000baseX/Full
```

```
Advertised pause frame use: No
```

```
Advertised auto-negotiation: Yes
```

```
Advertised FEC modes: Not reported
```

```
Speed: 1000Mb/s
```

```
Duplex: Full
```

```
Auto-negotiation: on
```

```
Port: FIBRE
```

```
PHYAD: 0
```

```
Transceiver: internal
```

```
netlink error: Operation not permitted
```

```
Current message level: 0x00000007 (7)
```

```
drv probe link
```

```
Link detected: yes
```

```
[FS@localhost ~]$ ethtool enp1s0f1
```

```
Settings for enp1s0f1:
```

```
Supported ports: [ FIBRE ]
```

```
Supported link modes: 1000baseX/Full
```

```
Supported pause frame use: Symmetric Receive-only
```

```
Supports auto-negotiation: Yes
```

```
Supported FEC modes: Not reported
```

```
Advertised link modes: 1000baseX/Full
```

```
Advertised pause frame use: No
```

```
Advertised auto-negotiation: Yes
```

```
Advertised FEC modes: Not reported
```

```
Speed: 1000Mb/s
```

```
Duplex: Full
```

```
Auto-negotiation: on
```

```
Port: FIBRE
```

```
PHYAD: 0
```

```
Transceiver: internal
```

```
netlink error: Operation not permitted
```

```
Current message level: 0x00000007 (7)
```

```
drv probe link
```

```
Link detected: yes
```

Test Information

|                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                  | <p>3. Read the module's basic information from the switch side</p> <p>Switch#show idprom interface te1/1/1 detail</p> <p>General SFP Information</p> <p>-----</p> <p>Identifier : SFP/SFP+</p> <p>Ext.Identifier : SFP function is defined by two-wire interface ID only</p> <p>Connector : LC connector</p> <p>Transceiver</p> <p>10GE Comp code : Unknown</p> <p>SONET Comp code : OC 48 short reach</p> <p>GE Comp code : 1000BASE-LX</p> <p>Link length : Unknown</p> <p>Technology : Unknown</p> <p>Media : Unknown</p> <p>Speed : Unknown</p> <p>Encoding : 8B10B</p> <p>BR_Nominal : 1300 Mbps</p> <p>Length(9um)-km : GBIC does not support single mode fibre</p> <p>Length(9um) : GBIC does not support single mode fibre</p> <p>Length(50um) : 550 m</p> <p>Length(62.5um) : 270 m</p> <p>Length(Copper) : GBIC does not support 50 micron multi mode OM4 fibre</p> <p>Vendor Name : FS</p> <p>Vendor Part Number : SFP1G-SX-85</p> <p>Vendor Revision : 0x20 0x20 0x20 0x20</p> <p>Vendor Serial Number : Y2301105533</p> <p>Wavelength : 850 nm</p> <p>CC_BASE : 0x5C</p> |
| Test Information | <p>show idprom interface te1/1/2 detail</p> <p>General SFP Information</p> <p>-----</p> <p>Identifier : SFP/SFP+</p> <p>Ext.Identifier : SFP function is defined by two-wire interface ID only</p> <p>Connector : LC connector</p> <p>Transceiver</p> <p>10GE Comp code : Unknown</p> <p>SONET Comp code : OC 48 short reach</p> <p>GE Comp code : 1000BASE-LX</p> <p>Link length : Unknown</p> <p>Technology : Unknown</p> <p>Media : Unknown</p> <p>Speed : Unknown</p> <p>Encoding : 8B10B</p> <p>BR_Nominal : 1300 Mbps</p> <p>Length(9um)-km : GBIC does not support single mode fibre</p> <p>Length(9um) : GBIC does not support single mode fibre</p> <p>Length(50um) : 550 m</p> <p>Length(62.5um) : 270 m</p> <p>Length(Copper) : GBIC does not support 50 micron multi mode OM4 fibre</p> <p>Vendor Name : FS</p> <p>Vendor Part Number : SFP1G-SX-85</p> <p>Vendor Revision : 0x20 0x20 0x20 0x20</p> <p>Vendor Serial Number : Y2301106424</p> <p>Wavelength : 850 nm</p> <p>CC_BASE : 0x5C</p> <p>-----</p>                                                              |



|                  |                                                                                                                                                                                                                                                                                                                                                                                                              |                                         |                                      |                                     |                                    |                                     |
|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|--------------------------------------|-------------------------------------|------------------------------------|-------------------------------------|
| Test Information | 4. Read the DDM information of the module                                                                                                                                                                                                                                                                                                                                                                    |                                         |                                      |                                     |                                    |                                     |
|                  | Switch#show interface te1/1/1 transceiver detail<br>ITU Channel not available (Wavelength not available),<br>Transceiver is internally calibrated.<br>mA: milliamperes, dBm: decibels (milliwatts), NA or N/A: not applicable.<br>++ : high alarm, + : high warning, - : low warning, -- : low alarm.<br>A2D readouts (if they differ), are reported in parentheses.<br>The threshold values are calibrated. |                                         |                                      |                                     |                                    |                                     |
|                  | Port                                                                                                                                                                                                                                                                                                                                                                                                         | Temperature<br>(Celsius)                | High Alarm<br>Threshold<br>(Celsius) | High Warn<br>Threshold<br>(Celsius) | Low Warn<br>Threshold<br>(Celsius) | Low Alarm<br>Threshold<br>(Celsius) |
|                  | Te1/1/1                                                                                                                                                                                                                                                                                                                                                                                                      | 37.2                                    | 75.0                                 | 70.0                                | 0.0                                | -5.0                                |
|                  | Port                                                                                                                                                                                                                                                                                                                                                                                                         | Voltage<br>(Volts)                      | High Alarm<br>Threshold<br>(Volts)   | High Warn<br>Threshold<br>(Volts)   | Low Warn<br>Threshold<br>(Volts)   | Low Alarm<br>Threshold<br>(Volts)   |
|                  | Te1/1/1                                                                                                                                                                                                                                                                                                                                                                                                      | 3.30                                    | 3.63                                 | 3.46                                | 3.13                               | 2.97                                |
|                  | Port                                                                                                                                                                                                                                                                                                                                                                                                         | Current<br>Lane (milliamperes)          | High Alarm<br>Threshold<br>(mA)      | High Warn<br>Threshold<br>(mA)      | Low Warn<br>Threshold<br>(mA)      | Low Alarm<br>Threshold<br>(mA)      |
|                  | Te1/1/1                                                                                                                                                                                                                                                                                                                                                                                                      | N/A 4.8                                 | 15.0                                 | 12.0                                | 2.0                                | 1.0                                 |
|                  | Port                                                                                                                                                                                                                                                                                                                                                                                                         | Optical<br>Transmit Power<br>Lane (dBm) | High Alarm<br>Threshold<br>(dBm)     | High Warn<br>Threshold<br>(dBm)     | Low Warn<br>Threshold<br>(dBm)     | Low Alarm<br>Threshold<br>(dBm)     |
|                  | Te1/1/1                                                                                                                                                                                                                                                                                                                                                                                                      | N/A -5.8                                | -2.0                                 | -3.0                                | -9.5                               | -10.5                               |
| Test Information | Port                                                                                                                                                                                                                                                                                                                                                                                                         | Optical<br>Receive Power<br>Lane (dBm)  | High Alarm<br>Threshold<br>(dBm)     | High Warn<br>Threshold<br>(dBm)     | Low Warn<br>Threshold<br>(dBm)     | Low Alarm<br>Threshold<br>(dBm)     |
|                  | Te1/1/1                                                                                                                                                                                                                                                                                                                                                                                                      | N/A -5.5                                | 0.0                                  | -1.0                                | -19.0                              | -20.0                               |
|                  | Switch#show interface te1/1/2 transceiver detail<br>ITU Channel not available (Wavelength not available),<br>Transceiver is internally calibrated.<br>mA: milliamperes, dBm: decibels (milliwatts), NA or N/A: not applicable.<br>++ : high alarm, + : high warning, - : low warning, -- : low alarm.<br>A2D readouts (if they differ), are reported in parentheses.<br>The threshold values are calibrated. |                                         |                                      |                                     |                                    |                                     |
|                  | Port                                                                                                                                                                                                                                                                                                                                                                                                         | Temperature<br>(Celsius)                | High Alarm<br>Threshold<br>(Celsius) | High Warn<br>Threshold<br>(Celsius) | Low Warn<br>Threshold<br>(Celsius) | Low Alarm<br>Threshold<br>(Celsius) |
|                  | Te1/1/2                                                                                                                                                                                                                                                                                                                                                                                                      | 40.6                                    | 75.0                                 | 70.0                                | 0.0                                | -5.0                                |
|                  | Port                                                                                                                                                                                                                                                                                                                                                                                                         | Voltage<br>(Volts)                      | High Alarm<br>Threshold<br>(Volts)   | High Warn<br>Threshold<br>(Volts)   | Low Warn<br>Threshold<br>(Volts)   | Low Alarm<br>Threshold<br>(Volts)   |
|                  | Te1/1/2                                                                                                                                                                                                                                                                                                                                                                                                      | 3.33                                    | 3.63                                 | 3.46                                | 3.13                               | 2.97                                |
|                  | Port                                                                                                                                                                                                                                                                                                                                                                                                         | Current<br>Lane (milliamperes)          | High Alarm<br>Threshold<br>(mA)      | High Warn<br>Threshold<br>(mA)      | Low Warn<br>Threshold<br>(mA)      | Low Alarm<br>Threshold<br>(mA)      |
|                  | Te1/1/2                                                                                                                                                                                                                                                                                                                                                                                                      | N/A 5.5                                 | 15.0                                 | 12.0                                | 2.0                                | 1.0                                 |
|                  | Port                                                                                                                                                                                                                                                                                                                                                                                                         | Optical<br>Transmit Power<br>Lane (dBm) | High Alarm<br>Threshold<br>(dBm)     | High Warn<br>Threshold<br>(dBm)     | Low Warn<br>Threshold<br>(dBm)     | Low Alarm<br>Threshold<br>(dBm)     |
|                  | Te1/1/2                                                                                                                                                                                                                                                                                                                                                                                                      | N/A -5.7                                | -2.0                                 | -3.0                                | -9.5                               | -10.5                               |
| Test Information | Port                                                                                                                                                                                                                                                                                                                                                                                                         | Optical<br>Receive Power<br>Lane (dBm)  | High Alarm<br>Threshold<br>(dBm)     | High Warn<br>Threshold<br>(dBm)     | Low Warn<br>Threshold<br>(dBm)     | Low Alarm<br>Threshold<br>(dBm)     |
|                  | Te1/1/2                                                                                                                                                                                                                                                                                                                                                                                                      | N/A -5.7                                | 0.0                                  | -1.0                                | -19.0                              | -20.0                               |
| Test Conclusion  | After completing the above test content, all the test information should be copied and pasted into a TXT document.                                                                                                                                                                                                                                                                                           |                                         |                                      |                                     |                                    |                                     |
| Remarks          |                                                                                                                                                                                                                                                                                                                                                                                                              |                                         |                                      |                                     |                                    |                                     |