

FC TEST REPORT

Applicant: LINK-PP INT'L TECHNOLOGY CO., LIMITED
No.54, South of Jinhu Road, Chenjiang Town, Zhongkai District,Huizhou City, 516003, Guangdong,China

Manufacturer: LINK-PP INT'L TECHNOLOGY CO., LIMITED
No.54, South of Jinhu Road, Chenjiang Town, Zhongkai District,Huizhou City, 516003, Guangdong,China

Factory: LINK-PP INT'L TECHNOLOGY CO., LIMITED
No.54, South of Jinhu Road, Chenjiang Town, Zhongkai District,Huizhou City, 516003, Guangdong,China

Product Name : SFP+ Optical Transceiver

Trade mark : N/A

Model : LS-SM3110-10I, LS-SMXXXXXX, LS-MMXXXXXX, LS-BLXXXXXX, LS-RJXXXXXX, LS-XXXXXXX, LXXXXXXXX, LPXXXXXXXX, LQXXXXXXXX, LS-SM3110-10C, LS-SM3110-02C, LS-SM3110-02I, LS-SM3110-20C, LS-SM3110-20I, LS-SM3110-40C, LS-SM3110-40I, LS-SM3110-60C, LS-SM3110-60I, LS-SM5510-40C, LS-SM5510-40I, LS-SM5510-80C, LS-SM5510-80I, LS-SM5510-A0I, LS-MM8510-S3C, LS-MM8510-S3I, LS-MM3110-02C, LS-MM3110-02I, LS-BL273310-10C, LS-BL273310-10I, LS-BL332710-10C, LS-BL332710-10I, LS-BL273310-20I, LS-BL332710-20I, LS-BL273310-40C, LS-BL273310-40I, LP-RJ45TG-3YC, LP-RJ45TG-3YI, LP-RJ45TG-8YC

Prepared By : Shenzhen RCT Testing Technology Service Co., Ltd.
1507, NO.8 Building, Hengda Shishang Huigu Center, Fulong Road, Shanghenglang Community, Dalang Street, Longhua District, Shenzhen, Guangdong

Test Date: Sep. 07, 2026 - Sep. 15, 2026

Date of Report : Sep. 15, 2026

Report No.: RCT202609072402R

Applicable Standards: 47 CFR FCC Part 15 Subpart B

Models different: All models are identical except the color and model names agent and marketing purposes. The test model is LS-SM3110-10I and the test results are applicable to the others

The tested sample(s) and the sample information are provided by the client.
The above equipment has been tested by Shenzhen RCT Testing Technology Service Co., Ltd. and found compliance with the requirements set forth in the technical standards mentioned above. The results of testing in this report apply only to the product/system, which was tested. Other similar equipment will not necessarily produce the same results due to production tolerance and measurement uncertainties.

Prepared by :

Allen Shi
Assistant

Reviewer :

Taylor Wang
Supervisor

Approved :

Hannah Li
Manager

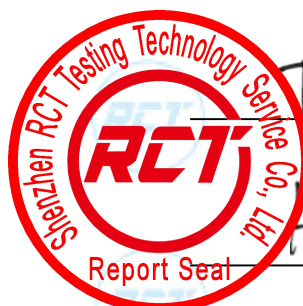


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1. GENERAL INFORMATION

Product Name : SFP+ Optical Transceiver

Trade mark : N/A

Model : LS-SM3110-10I, LS-SMXXXXXX, LS-MMXXXXXX, LS-BLXXXXXX, LS-RJXXXXXX, LS-XXXXXXX, LXXXXXXX, LPXXXXXXX, LQXXXXXXX, LS-SM3110-10C, LS-SM3110-02C, LS-SM3110-02I, LS-SM3110-20C, LS-SM3110-20I, LS-SM3110-40C, LS-SM3110-40I, LS-SM3110-60C, LS-SM3110-60I, LS-SM5510-40C, LS-SM5510-40I, LS-SM5510-80C, LS-SM5510-80I, LS-SM5510-A0I, LS-MM8510-S3C, LS-MM8510-S3I, LS-MM3110-02C, LS-MM3110-02I, LS-BL273310-10C, LS-BL273310-10I, LS-BL332710-10C, LS-BL332710-10I, LS-BL273310-20I, LS-BL332710-20I, LS-BL273310-40C, LS-BL273310-40I, LP-RJ45TG-3YC, LP-RJ45TG-3YI, LP-RJ45TG-8YC

Test Voltage: N/A

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2. TEST SUMMARY

The Product has been tested according to the following specifications:

Standard	Test Item	Test Method	Test
FCC 15.107	Conducted Emission	ANSI C63.4:2014	N/A*
FCC 15.109	Radiated Emission	ANSI C63.4:2014	Yes

3. MEASUREMENT UNCERTAINTY

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the Product as specified in CISPR 16-4-2. This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

Test item	Value (dB)
Radiated Emission	4.9

4. PRODUCT INFORMATION AND TEST SETUP

4.1. PRODUCT INFORMATION

Rating:	N/A
Models:	LS-SM3110-10I

Models different: All models are identical except the color and model names agent and marketing purposes. The test model is LS-SM3110-10I and the test results are applicable to the others.

4.2. SUPPORT EQUIPMENT

Device Type	Brand	Model	Series No.	Data Cable	Power Cord
Notebook	---	A1367	C3LH61W3DT75	---	---
Mouse	Lenovo	DOK-M680	60280683	Unshielded 1.50m	---
Adapter	---	A1436	---	---	---

Notes:

1. All the equipment/cables were placed in the worst-case configuration to maximize the emission during the test.
2. Grounding was established in accordance with the manufacturer's requirements and conditions for the intended use.

5. FACILITIES AND ACCREDITATIONS

5.1. TEST FACILITY

All test facilities used to collect the test data are located at 1507, NO.8 Building, Hengda Shishang Huigu Center, Fulong Road, Shanghenglang Community, Dalang Street, Longhua District, Shenzhen, Guangdong. The site and apparatus are constructed in conformance with the requirements of CISPR 16-1-1 and other equivalent standards.

5.2. TEST EQUIPMENT LIST

Instrumentation: The following list contains equipment used at RCT for testing. The calibrations of the measuring instruments, including any accessories that may effect such calibration, are checked frequently to assure their accuracy. Adjustments are made and correction factors applied in accordance with instructions contained in the manual for the measuring instrument.

Equipment used during the tests:

3M Semi-anechoic Chamber (2)- Radiated disturbance Test				
Equipment	Manufacturer	Model	Serial No.	Due Date
3M Chamber & Accessory Equipment	TDK	SAC-3	---	Dec. 20, 2026
Receiver	R&S	ESCI	100009	Dec. 20, 2026
TRILOG Broadband Antenna	schwarzbeck	VULB 9163	401	Dec. 20, 2026
Multi device Controller	maturo	NCD/070/10711 112	---	---

5.3. LABORATORY ACCREDITATIONS AND LISTINGS

The measuring equipment utilized to perform the tests documented in this report has been calibrated once a year or in accordance with the manufacturer's recommendations, and is traceable under the ISO/IEC 17025 to international or national standards. Equipment has been calibrated by accredited calibration laboratories.

6. CONDUCTED EMISSION TEST

6.1. LIMITS

Conducted Emission Test Limit (Class A)

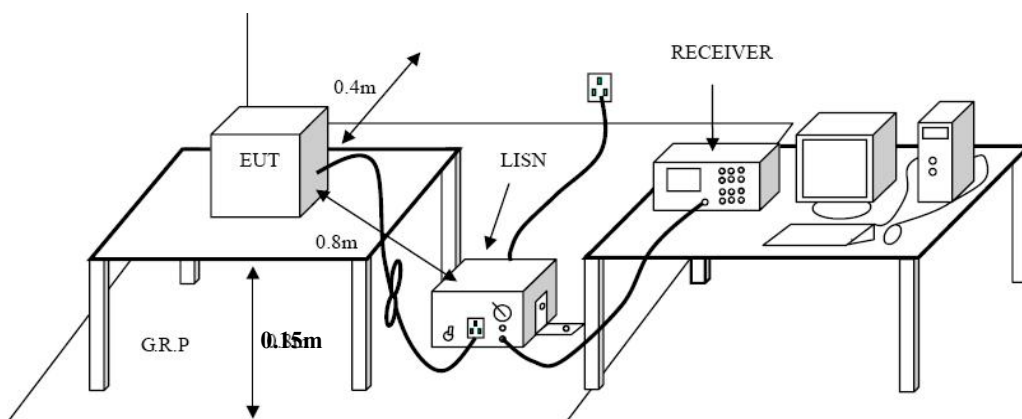
Frequency (MHz)	Maximum RF Line Voltage (dBμV)	
	Quasi-peak Level	Average Level
0.15~0.50	79	66
0.50~30	73	60

Conducted Emission Test Limit (Class B)

Frequency (MHz)	Maximum RF Line Voltage (dBμV)	
	Quasi-peak Level	Average Level
0.15~0.5	66 ~ 56 *	56 ~ 46 *
0.50~5	56	46
5~30	60	50

*decreasing linearly with logarithm of the frequency

6.2. BLOCK DIAGRAM OF TEST SETUP



6.3. PROCEDURE OF CONDUCTED EMISSION TEST

The EUT was placed 0.15 meters from the horizontal ground plane with EUT being connected to the power mains through a line impedance stabilization network (LISN). All other support equipments powered from additional LISN(s). The LISN provide 50 Ohm/ 50uH of coupling impedance for the measuring instrument.

The cables shall be insulated (by up to 15 cm) from the horizontal ground reference plane, and shall be folded back and forth in the center forming a bundle 30 to 40 cm long.

I/O cables that are not connected to a peripheral shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.

LISN at least 80 cm from nearest part of EUT chassis.

6.4. TEST RESULTS

Note: This test isn't applicable because the EUT doesn't have relative function.

7. RADIATED EMISSION TEST

7.1. LIMITS

For unintentional device , according to §15.109 (a) Except for Class A digital devices, the field strength of radiated emissions from unintentional radiators at a distance of 3 meters shall not exceed the following values.

And according to §15.109 (2)measurements below 1000 MHz provided the limits in paragraphs (a) and (b) of this section are extrapolated to the new measurement distance using an inverse linear distance extrapolation factor (20 dB/decade).

According to FCC 15.31 section(1), at frequencies at or above 30 MHz measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse linear-distance for field strength measurements; inverse-linear-distance-squared for power density measurements).

According to FCC 15.31 section(2), frequencies below 30 MHz, performing measurements at a closer distance than specified, the results shall be extrapolated to the specified distance by either making measurements at a minimum of two distances on at least one radial to determine the proper extrapolation factor or by using the square of an inverse linear distance extrapolation factor (40 dB/decade).

According to 15.35 Measurement detector functions and bandwidths section (b). Unless otherwise specified, e.g., see §§15.250, 15.252, 15.253(d), 15.255, 15.256, and 15.509 through

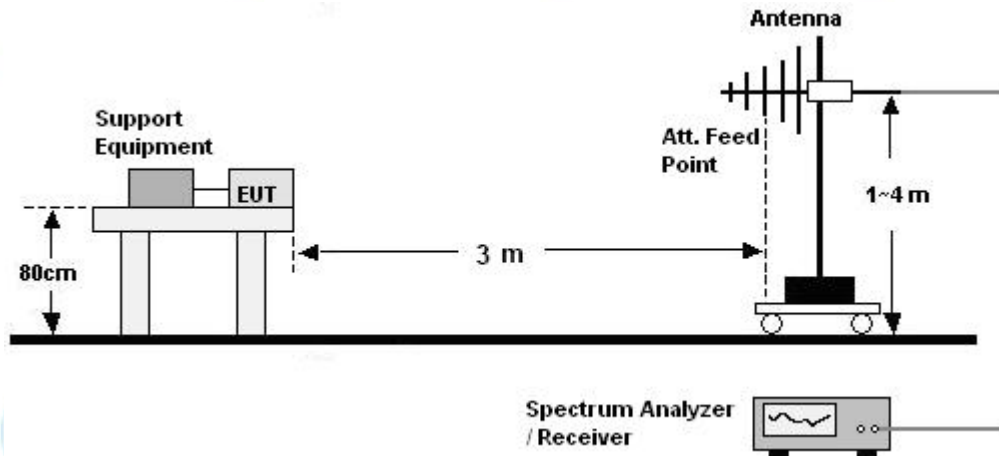
15.519 of this part, the limit on peak radio frequency emissions is 20 dB above the maximum permitted average emission limit applicable to the equipment under test.

Limits for Class B digital devices

Frequency (MHz)	limits at 3m dB(μV/m)
30-88	40.0
88-216	43.5
216-960	46.0
Above 960	54.0

- NOTE:**
1. The lower limit shall apply at the transition frequency.
 2. The limits shown above are based on measuring equipment employing a CISPR quasi-peak detector function for frequencies below or equal to 1000MHz.
 3. The limits shown above are based on measuring equipment employing an average detector function for frequencies above 1000MHz.

7.2. BLOCK DIAGRAM OF TEST SETUP

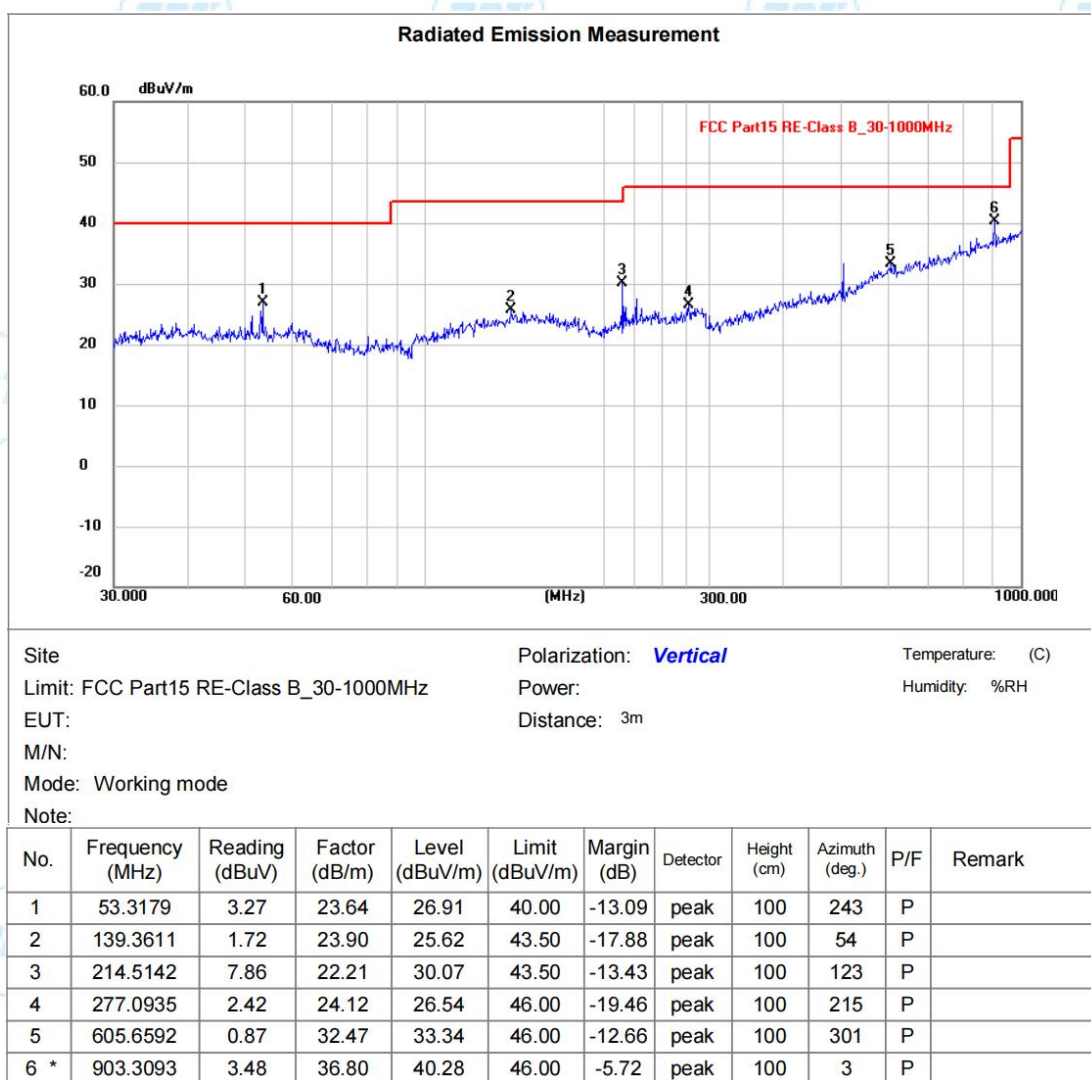


7.3. PROCEDURE OF RADIATED EMISSION TEST

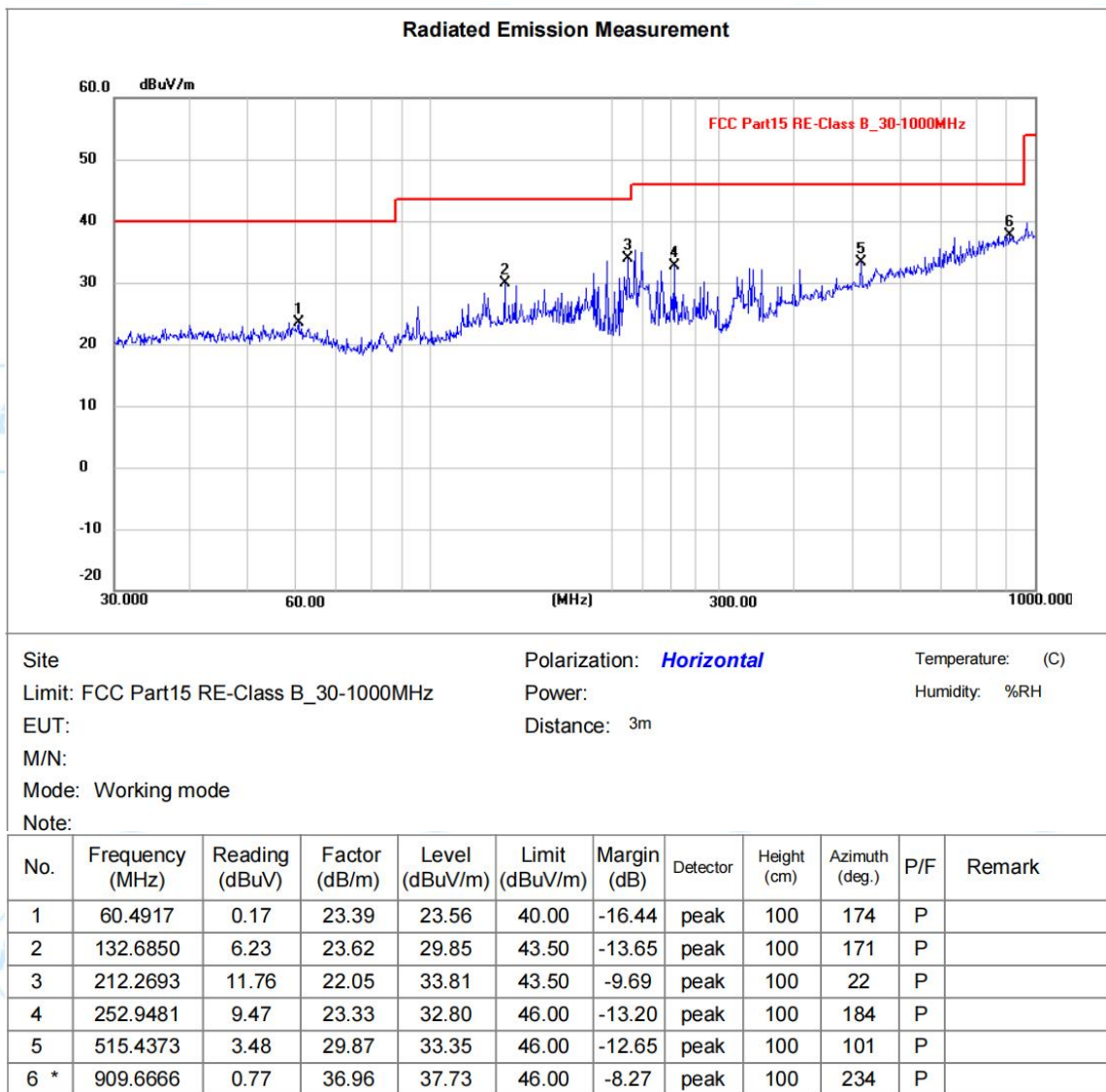
- The Product was placed on the non-conductive turntable 0.8 m above the ground at a chamber.
- Set the spectrum analyzer/receiver in Peak detector, Max Hold mode, and 120 kHz RBW. Record the maximum field strength of all the pre-scan process in the full band when the antenna is varied between 1~4 m in both horizontal and vertical, and the turntable is rotated from 0 to 360 degrees.
- For each frequency whose maximum record was higher or close to limit, measure its QP value: vary the antenna's height and rotate the turntable from 0 to 360 degrees to find the height and degree where Product radiated the maximum emission, then set the test frequency analyzer/receiver to QP Detector and specified bandwidth with Maximum Hold Mode, and record the maximum value.

7.4. GRAPHS AND DATA

Model No. :	LS-SM3110-10I	Test Mode :	Normal working
Temperature & Humidity:	24 °C 62% RH	Test Result :	Pass
Polarization :	Vertical	Test By	Allen Shi

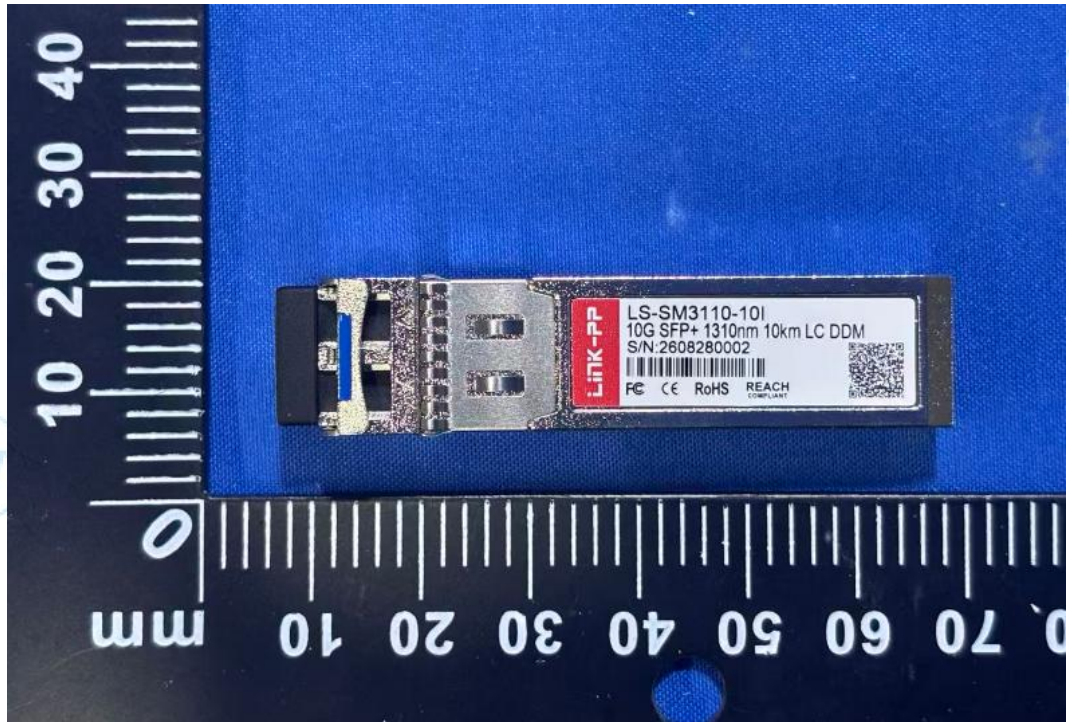


Model No. :	LS-SM3110-10I	Test Mode :	Normal working
Temperature & Humidity:	24 °C 62% RH	Test Result :	Pass
Polarization :	Horizontal	Test By	Allen Shi

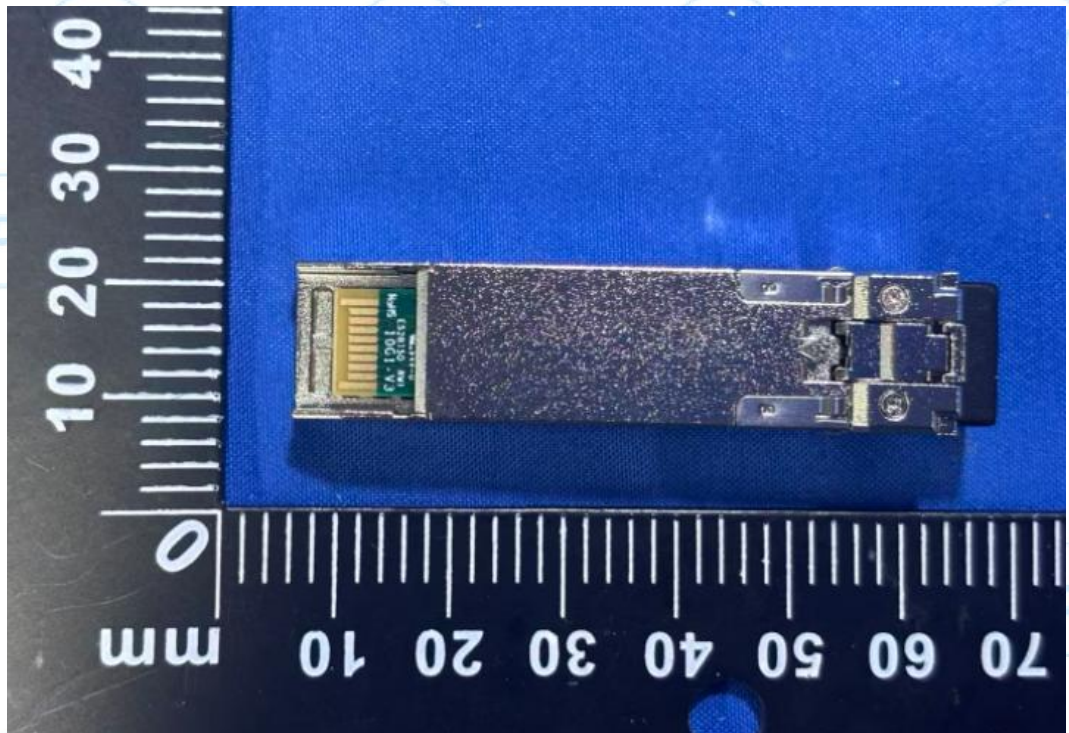


APPENDIX 1 PHOTOGRAPHS OF PRODUCT

Overview
of EUT



Overview
of EUT



***** (End of report) *****

声明

Statement

1. 本报告无授权批准人签字及“RCT报告专用章”无效;

This report will be void without authorized signature or RCT report seal.

2. 未经许可本报告不得部分复制;

This report shall not be copied partly without authorization.GH

3. 本报告的检测结果仅对送测样品有效, 委托方对样品的代表性和资料的真实性负责;

The test results or observations are applicable only to tested sample. Client shall be responsible for representativeness of the sample and authenticity of the material.

4. 本检测报告中检测项目标注有特殊符号则该项目不在资质认定范围内, 仅作为客户委托、科研、教学或内部质量控制等目的使用;

The observations or tests with special mark fall outside the scope of accreditation, and are only used for purpose of commission, research, training, internal quality control etc.

5. 本检测报告以实测值进行符合性判定, 未考虑不确定度所带来的风险, 本实验室不承担相关责任, 特别约定、标准或规范中有明确规定的除外;

The test results or observations are provided in accordance with measured value, without taking risks caused by uncertainty into account. Without explicit stipulation in special agreements, standards or regulations, RCT shall not assume any responsibility.

6. 对本检验报告若有异议, 请于收到报告之日起20日内提出;

Objections shall be raised within 20 days from the date receiving the report.