

Page 1 of 24

Report No.: HK2503261491-E

FCC TEST REPORT

Prepared for :

Shenzhen Yidian International Digital Co., LTD

Floor 3, Block B, Gushu Runfeng Industrial Park, Xixiang Street, Bao 'an District, Shenzhen, China

| Product Name: | Camera Detector |
|--------------------|---|
| Trade Mark: | N/A |
| Product Model (S): | X18, X13, X14, X15, X16, X17, X19, X20, X21, X22, X23, X24, X25, X26, X27, X28 |
| FCC ID: | 2BCLC-X18 |
| Date of Test: | Mar. 26, 2025 – Apr. 02, 2025 |
| Date of Report: | Apr. 02, 2025 |
| Report Number | HK2503261491-F |

Prepared By :

Shenzhen HUAK Testing Technology Co., Ltd. 1-2/F., Building B2, Junfeng Zhongcheng Zhizao Innovation Park, Heping, Fuhai Street, Bao'an District, Shenzhen, Guangdong, China TEL: +86-755-2302 9901 FAX: +86-755-2302 9901 E-mail: service@cer-mark.com http://www.cer-mark.com

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Report No.: HK2503261491-E

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TEST REPORT VERIFICATION

| Applicant : | Shenzhen Yidian International Digital Co., LTD |
|--------------------|---|
| Address : | Floor 3, Block B, Gushu Runfeng Industrial Park, Xixiang Street, Bao 'an District, Shenzhen, China |
| Manufacturer : | Shenzhen Yidian International Digital Co., LTD |
| Address : | Floor 3, Block B, Gushu Runfeng Industrial Park, Xixiang Street, Bao 'an District, Shenzhen, China |
| Product Name : | Camera Detector |
| (A) Product Model: | X18 |
| (B) Series Model : | X13, X14, X15, X16, X17, X19, X20, X21, X22, X23, X24, X25, X26, X27, X28 |
| (C) Power Supply : | DC 5V From Type-C or DC 3.7V From Battery |
| | EQUIPARTISING A LESING A TESING |

Standards FCC Part 15 Subpart B ANSI C63.4:2019

This device described above has been tested by HUAK, and the test results show that the equipment under test (EUT) is in compliance with Part 15 of FCC Rules. And it is applicable only to the tested sample identified in the report.

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Test Result Pass

Date of Test:

Mar. 26, 2025 – Apr. 02, 2025

Prepared by:

Project Engineer

evin

Reviewed by:

Approved by:

Pan

Project Supervisor

asin Mou

Technical Director

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Т 691

| Revision | Description | | Issued Data | Remark |
|--------------|--------------|------------------|---------------|------------|
| Revision 1.0 | Initial Test | t Report Release | Apr. 02, 2025 | Jason Zhou |
| | TING | TING | | TING |
| MAKTED | WK TES | IN LAK TES | NAK TES | MAKTED |

** Modified History **

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1. TEST SUMMARY

Test procedures according to the technical standards:

| | EMC Emission | | | | | | |
|---|-----------------------|--------------------|---------|----------|---------|--|--|
| 5 | Standard | Test Item | Limit | Judgment | Remark | | |
| | FCC Part 15 Subpart B | Conducted Emission | Class B | PASS | ALC: NO | | |
| 5 | ANSI C63.4:2019 | Radiated Emission | Class B | PASS | STING | | |

NOTE:

(1) 'N/A' denotes test is not applicable in this Test Report

(2) For client's request and manual description, the test will not be executed.

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ACATION

1.1 TEST FACILITY

Shenzhen HUAK Testing Technology Co., Ltd. Add. : 1-2/F., Building B2, Junfeng Zhongcheng Zhizao Innovation Park, Heping, Fuhai Street, Bao'an District, Shenzhen, Guangdong, China

Testing Laboratory Authorization: A2LA Accreditation Code is 4781.01. FCC Designation Number is CN1229. Canada IC CAB identifier is CN0045. CNAS Registration Number is L9589.

1.2 MEASUREMENT UNCERTAINTY

The reported uncertainty of measurement $\mathbf{y} \pm \mathbf{U}$ where expended uncertainty \mathbf{U} is based on a standard uncertainty multiplied by a coverage factor of $\mathbf{k=2}$ providing a level of confidence of approximately **95** %.

A. Conducted Measurement :

| Measurement Frequency Range | Uncertainty | NOTE |
|-----------------------------|-------------|------|
| 150 KHz ~ 30MHz | ±2.71dB | |

B. Radiated Measurement :

| Measurement Frequency Range | Uncertainty | NOTE |
|-----------------------------|-------------|---------|
| 30MHz ~ 1000MHz | ±3.90dB | HUAKTED |
| 1GHz ~6GHz | ±4.28dB | - wil |

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2. GENERAL INFORMATION

2.1 GENERAL DESCRIPTION OF EUT

| Product Name | Camera Detector | WARTESTING WARTES |
|---------------------|--|---|
| Product Model | X18 | 0 |
| Series Model | X13, X14, X15, X16, X17, X19 X25, X26, X27, X28 | , X20, X21, X22, X23, X24, |
| Model Difference | All model's the function, softwar same, only with product model r Test sample model: X18. | |
| Product Description | The EUT is a Camera DetectorOperating frequency:N/AConnecting I/O port:N/ABased on the application, feature shibited in User's Manual, the ITE/Computing Device. More d specification, please refer to the specification, please refer to the specification. | res, or specification EUT is considered as an etails of EUT technical |
| Power Source | DC Voltage | AK TESTING |
| Power Rating | DC 5V From Type-C or DC 3.7V | From Battery |

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2.2 DESCRIPTION OF TEST MODES

To investigate the maximum EMI emission characteristics generates from EUT, the test system was pre-scanning tested base on the consideration of following EUT operation mode or test configuration mode which possible have effect on EMI emission level. Each of these EUT operation mode(s) or test configuration mode(s) mentioned above was evaluated respectively.

| 68579 | |
|--------------|----------------------|
| Pretest Mode | Description |
| Mode 1 | Charging and Working |
| Mode 2 | Charging |
| Mode 3 | Working |
| | |

| | For Conducted Test | | | | |
|-----------------|----------------------|--|--|--|--|
| Final Test Mode | Description | | | | |
| Mode 1 | Charging and Working | | | | |
| Mode 2 | Charging | | | | |
| Mode 3 | N/A | | | | |
| 100 | 10° 10° 10° | | | | |

| For Radiated Test | | |
|-------------------|----------------------|--|
| Final Test Mode | Description | |
| Mode 1 | Charging and Working | |
| Mode 2 | Charging | |
| Mode 3 | Working | |

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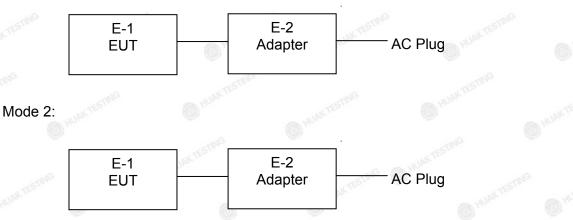


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2.3 DESCRIPTION OF TEST SETUP

Mode 1:



Mode 3:



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2.4 DESCRIPTION TEST PERIPHERAL AND EUT PERIPHERAL

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

| Item | Equipment | Trade Mark | Model/Type No |). | Series No. | Note |
|---------|-----------------|------------|---------------|-------------|------------|-------|
| E-1 | Camera Detector | N/A | ×18 | 0. | N/A | EUT |
| E-2 | Adapter | N/A | N/A | - HUAK TEST | N/A | TING |
| | HUAKTE | | HUAKTL | 9 | HUAK | 12- |
| | | ESTING | 9 | TESTING | 9 | |
| | NG STING OHUAN | Jun | STING OFFICE | | TING | STING |
| AUAKTES | HUANTL | HUAKTES | HUAKIL | | UAK TES !! | NAKTE |
| | | 9 | | | 9 | |
| | | | | | | |

| 000 | . 162 | | 162 | 100 |
|--------|---------------|--------------|-----------|-----------------------|
| ltem | Shielded Type | Ferrite Core | Length | Note |
| | <u> </u> | | | |
| G | | Grand | | B |
| | TING | HUAK TES | TING | UAKTED |
| | HUAKTE | | HUAKTE | HUAKTE |
| | | ESTING | iii ah | nnG |
| | IG THIS HUAK | Dr.s. | TING HUAN | ang anno |
| AKTEST | HUAKTES | NAK TESTIN | HUANTES | JAK TESTIN. HUAK TEST |
| | | 0 | | 0 0 |
| | | | | |
| | | | | |
| | | | | |

Note:

- (1) The support equipment was authorized by Declaration of Confirmation.
- (2) For detachable type I/O cable should be specified the length in cm in $\[$ Length $\]$ column.
- (3) "YES" is means "shielded" "with core"; "NO" is means "unshielded" "without core".

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2.5 MEASUREMENT INSTRUMENTS LIST

| Item | Equipment | Manufacturer | Model No. | Serial No. | Last Cal. | Cal. Interval |
|------|----------------------|-----------------|--------------------|------------|---------------|------------------|
| 1. | L.I.S.N. | R&S | ENV216 | HKE-002 | Feb. 19, 2025 | 1 Year |
| 2. | L.I.S.N. | R&S | ENV216 | HKE-059 | Feb. 19, 2025 | 1 Year |
| 3. | EMI Test Receiver | R&S | ESR | HKE-005 | Feb. 19, 2025 | 1 Year |
| 4. | Spectrum analyzer | Agilent | N9020A | HKE-048 | Feb. 19, 2025 | 1 Year |
| 5. | Spectrum analyzer | R&S | FSV3044 | HKE-126 | Feb. 19, 2025 | 1 Year |
| 6. | Preamplifier | EMCI | EMC05184 5S | HKE-006 | Feb. 19, 2025 | 1 Year |
| 7. | Preamplifier | Schwarzbeck | BBV 9743 | HKE-016 | Feb. 19, 2025 | 1 Year |
| 8. | Preamplifier | A.H. Systems | SAS-574 | HKE-182 | Feb. 19, 2025 | 1 Year |
| 9. | 6dB Attenuator | Pasternack | 6db | HKE-184 | Feb. 19, 2025 | 1 Year |
| 10. | EMI Test Receiver | Rohde & Schwarz | ESR-7 | HKE-010 | Feb. 19, 2025 | 1 Year |
| 11. | Broadband Antenna | Schwarzbeck | VULB9168 | HKE-167 | Feb. 21, 2024 | 2 Year |
| 12. | Loop Antenna | COM-POWER | AL-130R | HKE-014 | Feb. 21, 2024 | 2 Year |
| 13. | Horn Antenna | Schwarzbeck | 9120D | HKE-013 | Feb. 21, 2024 | 2 Year |
| 14. | EMI Test Software | Tonscend | JS32-CE 2.5.0.6 | HKE-081 | C AUAN IN | / |
| 15. | EMI Test Software | Tonscend | JS32-RE 5.0.0 | HKE-082 | 1 | 1 |

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CATION

3. EMC EMISSION TEST

3.1 CONDUCTED EMISSION MEASUREMENT

3.1.1 POWER LINE CONDUCTED EMISSION (Frequency Range 150KHz-30MHz)

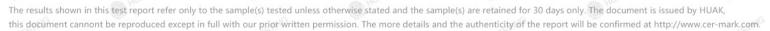
| Class A | (dBuV) | Class B (dBuV) | | |
|------------|------------------------------|---------------------------|---|--|
| Quasi-peak | Average | Quasi-peak | Average | |
| 79.00 | 66.00 | 66 - 56 * | 56 - 46 * | |
| 73.00 | 60.00 | 56.00 | 46.00 | |
| 73.00 | 60.00 | 60.00 | 50.00 | |
| | Quasi-peak 79.00 73.00 | 79.00 66.00 73.00 60.00 | Quasi-peak Average Quasi-peak 79.00 66.00 66 - 56 * 73.00 60.00 56.00 | |

Note:

(1) The tighter limit applies at the band edges.

(2) The limit of " * " marked band means the limitation decreases linearly with the logarithm of the frequency in the range.

| Receiver Parameters | Setting |
|---------------------|----------|
| Attenuation | 10_dB |
| Start Frequency | 0.15 MHz |
| Stop Frequency | 30 MHz |
| IF Bandwidth | 9 kHz |

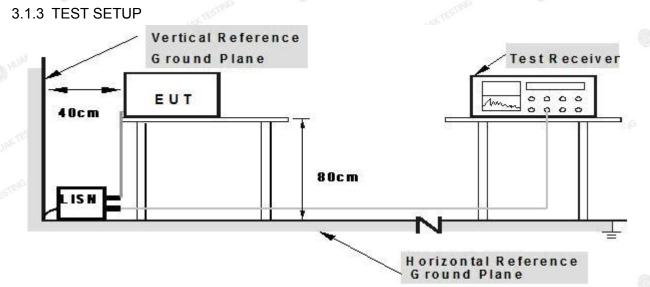


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3.1.2 TEST PROCEDURE

- a. The EUT was placed 0.4 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.
- b. Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 to 40 cm long.
- c. 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.
- d. LISN at least 80 cm from nearest part of EUT chassis.
- e. For the actual test configuration, please refer to the related Item -EUT Test Photos.



Note: 1.Support units were connected to second LISN. 2.Both of LISNs (AMN) are 80 cm from EUT and at least 80 from other units and other metal planes

3.1.4 EUT OPERATING CONDITIONS

The EUT tested system was configured as the statements of **2.3** Unless otherwise a special operating condition is specified in the follows during the testing.

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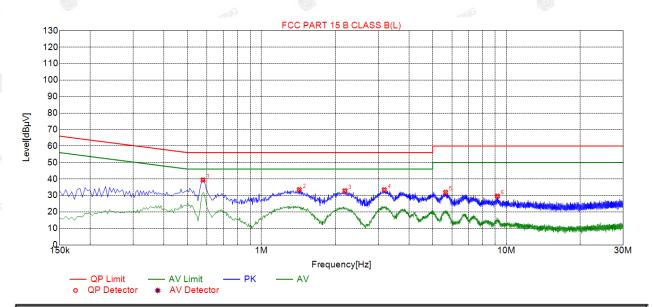
Report No.: HK2503261491-E

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3.1.5 TEST RESULTS Note:

All the test modes completed for test. only the worst result of was reported.

| EUT : | Camera Detector | Model Name. : | X18 |
|----------------|-------------------|---------------------|------------|
| Temperature : | 24 ℃ | Relative Humidity : | 54% |
| Pressure : | 1010 hPa | Test Date : | 2025-03-27 |
| Test Mode : | Mode 1 | Polarization : | L |
| Test Voltage : | DC 5V From Type-C | NK TESTING | HUAK |



| Sus | pected | List |
|-----|--------|------|
| | | |

| NO. | Freq. [MHz] | Level [dBµV] | Factor [dB] | Limit [dBµV] | Margin [dB] | Reading [dBµV] | Detector | Туре |
|-----|----------------|-----------------|----------------|-----------------|----------------|-------------------|----------|------|
| 1 | 0.5775 | 39.38 | 19.86 | 56.00 | 16.62 | 19.52 | PK | L |
| 2 | 1.4280 | 33.49 | 19.92 | 56.00 | 22.51 | 13.57 | PK | L |
| 3 | 2.1930 | 32.84 | 19.99 | 56.00 | 23.16 | 12.85 | PK | L |
| 4 | 3.1740 | 33.42 | 20.06 | 56.00 | 22.58 | 13.36 | PK | L |
| 5 | 5.6490 | 31.84 | 20.10 | 60.00 | 28.16 | 11.74 | PK | L |
| 6 | 9.1995 | 29.58 | 20.00 | 60.00 | 30.42 | 9.58 | PK | L |

Remark: Margin = Limit – Level Correction factor = Cable lose + LISN insertion loss Level=Test receiver reading + correction factor

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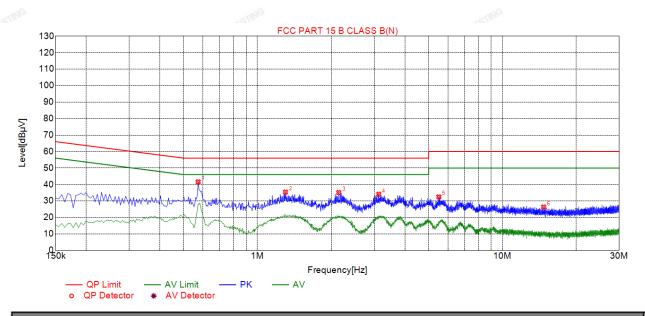


Report No.: HK2503261491-E

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| EUT : | Camera Detector | Model Name. : | X18 |
|----------------|-------------------|---------------------|------------|
| Temperature : | 24 °C | Relative Humidity : | 54% |
| Pressure : | 1010 hPa | Test Date : | 2025-03-27 |
| Test Mode : | Mode 1 | Polarization : | N resting |
| Test Voltage : | DC 5V From Type-C | O HUAN | O HUAK |



| NO. Freq. [MHz] Level [dBµV] Factor [dB] Limit [dBµV] Margin [dB] Reading [dBµV] Detector Type 1 0.5730 41.60 19.74 56.00 14.40 21.86 PK N 2 1.3020 35.37 19.78 56.00 20.63 15.59 PK N 3 2.1480 35.11 19.86 56.00 20.89 15.25 PK N 4 3.1290 34.08 19.94 56.00 21.92 14.14 PK N 5 5.5050 32.46 20.00 60.00 27.54 12.46 PK N 6 14.7345 26.34 19.80 60.00 33.66 6.54 PK N | Sus | Suspected List | | | | | | | | | |
|--|-----|----------------|-------|-------|-------|-------|-------|----------|------|--|--|
| 2 1.3020 35.37 19.78 56.00 20.63 15.59 PK N 3 2.1480 35.11 19.86 56.00 20.89 15.25 PK N 4 3.1290 34.08 19.94 56.00 21.92 14.14 PK N 5 5.5050 32.46 20.00 60.00 27.54 12.46 PK N | NO. | | | | | - | - | Detector | Type | | |
| 3 2.1480 35.11 19.86 56.00 20.89 15.25 PK N 4 3.1290 34.08 19.94 56.00 21.92 14.14 PK N 5 5.5050 32.46 20.00 60.00 27.54 12.46 PK N | 1 | 0.5730 | 41.60 | 19.74 | 56.00 | 14.40 | 21.86 | PK | N | | |
| 4 3.1290 34.08 19.94 56.00 21.92 14.14 PK N 5 5.5050 32.46 20.00 60.00 27.54 12.46 PK N | 2 | 1.3020 | 35.37 | 19.78 | 56.00 | 20.63 | 15.59 | PK | N | | |
| 5 5.5050 32.46 20.00 60.00 27.54 12.46 PK N | 3 | 2.1480 | 35.11 | 19.86 | 56.00 | 20.89 | 15.25 | PK | N | | |
| | 4 | 3.1290 | 34.08 | 19.94 | 56.00 | 21.92 | 14.14 | PK | N | | |
| 6 14.7345 26.34 19.80 60.00 33.66 6.54 PK N | 5 | 5.5050 | 32.46 | 20.00 | 60.00 | 27.54 | 12.46 | PK | N | | |
| | 6 | 14.7345 | 26.34 | 19.80 | 60.00 | 33.66 | 6.54 | PK | N | | |

Remark: Margin = Limit – Level Correction factor = Cable lose + LISN insertion loss Level=Test receiver reading + correction factor

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3.2 RADIATED EMISSION MEASUREMENT

3.2.1 LIMITS OF RADIATED EMISSION MEASUREMENT

| | | Class A (at 10m) | Class B (at 3m) dBuV/m | | |
|----|-----------------|------------------|---------------------------|--|--|
| A | FREQUENCY (MHz) | dBuV/m | | | |
| | 30 ~ 88 | 39.0 | 40.0 | | |
| 51 | 88 ~ 216 | 43.5 | 43.5 | | |
| | 216 ~ 960 | 46.5 | 46.0 | | |
| | Above 960 | 49.5 | 54.0 | | |

Notes:

- (1) The limit for radiated test was performed according to as following: FCC PART 15B /ICES-003.
- (2) The tighter limit applies at the band edges.
- (3) Emission level (dBuV/m)=20log Emission level (uV/m).

3.2.2 TEST PROCEDURE

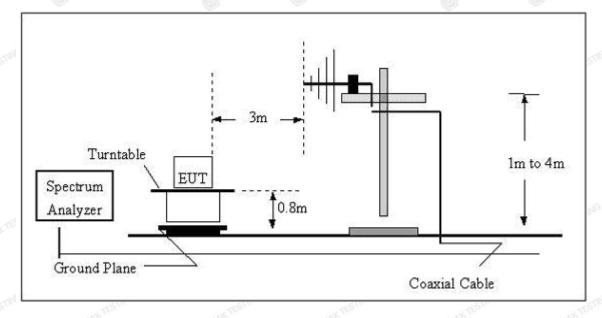
- a. The measuring distance of at 3 m shall be used for measurements at frequency up to 1GHz. For frequencies above 1GHz, any suitable measuring distance may be used.
- b. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter open area test site. The table was rotated 360 degrees to determine the position of the highest radiation.
- c. The height of the equipment or of the substitution antenna shall be 0.8 m; the height of the test antenna shall vary between 1 m to 4 m. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- d. The initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured, above 1G Average detector mode will be instead.
- e. If the Peak Mode measured value compliance with and lower than Quasi Peak Mode Limit, the EUT shall be deemed to meet QP(AV) Limits and then no additional QP Mode measurement performed.
- f. For the actual test configuration, please refer to the related Item -EUT Test Photos.

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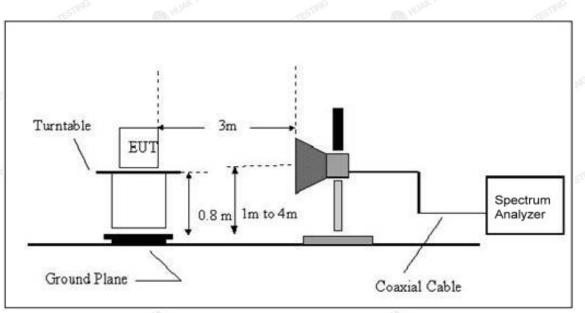


3.2.3 TEST SETUP

(A) Radiated Emission Test Set-Up Frequency Below 1 GHz



(B) Radiated Emission Test Set-Up Frequency Above 1GHz



3.2.4 EUT OPERATING CONDITIONS

The EUT tested system was configured as the statements of **2.3** Unless otherwise a special operating condition is specified in the follows during the testing.

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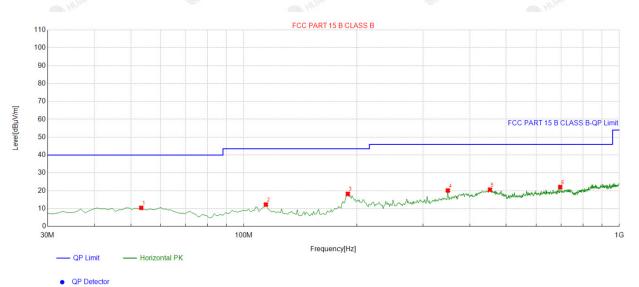
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3.2.5 TEST RESULTS Note:

All the test modes completed for test. only the worst result of was reported.

| Camera Detector | Model Name : | X18 |
|-------------------|----------------------------|---|
| 24 ℃ | Relative Humidity : | 54% |
| 1010 hPa | Test Date : | 2025-03-27 |
| Mode 1 | Polarization : | Horizontal |
| DC 5V From Type-C | TESTING | HUAKTES |
| | 24 ℃ 1010 hPa Mode 1 | 24 °CRelative Humidity :1010 hPaTest Date :Mode 1Polarization : |



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| | SI | us | pe | ct | ed | L | ist |
|--|----|----|----|----|----|---|-----|
|--|----|----|----|----|----|---|-----|

| 8 | | Freq. | Factor | Reading | Level | Limit | Margin | Height | Angle | |
|---|-----|-----------|--------|----------|----------|----------|--------|--------|-------|------------|
| | NO. | [MHz] | [dB] | [dBµV/m] | [dBµ∨/m] | [dBµ∨/m] | [dB] | [cm] | [°] | Polarity |
| | 1 | 53.303303 | -13.66 | 24.08 | 10.42 | 40.00 | 29.58 | 100 | 100 | Horizontal |
| 8 | 2 | 114.47447 | -15.28 | 27.54 | 12.26 | 43.50 | 31.24 | 100 | 358 | Horizontal |
| | 3 | 189.23923 | -15.52 | 33.79 | 18.27 | 43.50 | 25.23 | 100 | 181 | Horizontal |
| 5 | 4 | 349.44944 | -10.04 | 30.20 | 20.16 | 46.00 | 25.84 | 100 | 0 | Horizontal |
| 2 | 5 | 452.37237 | -8.81 | 29.41 | 20.60 | 46.00 | 25.40 | 100 | 28 | Horizontal |
| | 6 | 696.08608 | -4.24 | 26.34 | 22.10 | 46.00 | 23.90 | 100 | 217 | Horizontal |

Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Limit – Level;

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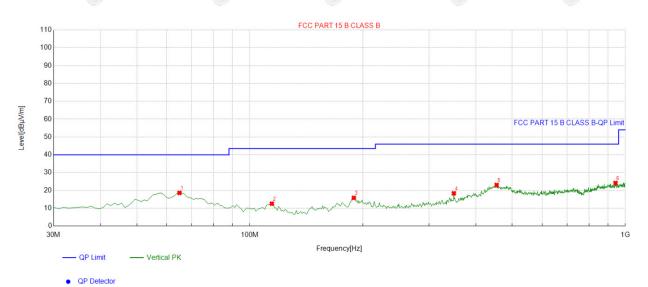
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| EUT : | Camera Detector | Model Name : | X18 |
|---------------|-------------------|---------------------|------------|
| Temperature : | 24 °C | Relative Humidity : | 54% |
| Pressure : | 1010 hPa | Test Date : | 2025-03-27 |
| Test Mode : | Mode 1 | Polarization : | Vertical |
| Test Power : | DC 5V From Type-C | HUAK TES " | HUNKTES |



| | Suspected List | | | | | | | | | |
|----|----------------|-----------|--------|----------|----------|----------|--------|--------|-------|----------|
| 3 | | Freq. | Factor | Reading | Level | Limit | Margin | Height | Angle | |
| | NO. | [MHz] | [dB] | [dBµV/m] | [dBµV/m] | [dBµV/m] | [dB] | [cm] | [°] | Polarity |
| 8 | 1 | 64.954955 | -15.33 | 33.95 | 18.62 | 40.00 | 21.38 | 100 | 48 | Vertical |
| | 2 | 114.47447 | -15.28 | 27.85 | 12.57 | 43.50 | 30.93 | 100 | 208 | Vertical |
| | 3 | 189.23923 | -15.52 | 31.35 | 15.83 | 43.50 | 27.67 | 100 | 169 | Vertical |
| | 4 | 349.44944 | -10.04 | 28.44 | 18.40 | 46.00 | 27.60 | 100 | 135 | Vertical |
| 3 | 5 | 454.31431 | -8.83 | 31.87 | 23.04 | 46.00 | 22.96 | 100 | 281 | Vertical |
| r. | 6 | 941,74174 | -0.78 | 24.93 | 24.15 | 46.00 | 21.85 | 100 | 48 | Vertical |

Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Limit – Level;

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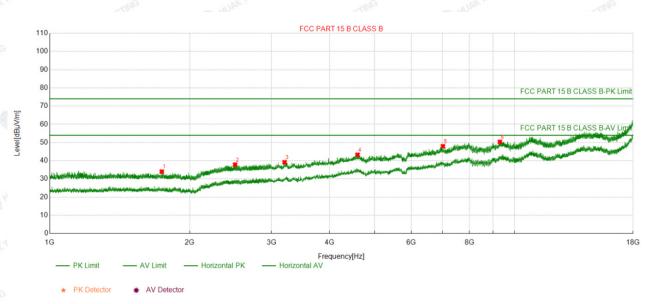
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3.2.6 TEST RESULTS(Above 1GHz)

| EUT : | Camera Detector | Model Name : | X18 | |
|---------------|---------------------|---------------------|------------|-----|
| Temperature : | 24 ℃ | Relative Humidity : | 54% | |
| Pressure : | 1010 hPa | Test Date : | 2025-03-27 | ING |
| Test Mode : | Mode 3 | Polarization : | Horizontal | |
| Test Power : | DC3.7V from battery | | STING | |



| L | | | | _ | | - | | | | |
|---|-----|-----------|--------|----------|----------|----------|--------|--------|-------|------------|
| ł | NO. | Freq. | Factor | Reading | Level | Limit | Margin | Height | Angle | |
| 2 | | [MHz] | [dB] | [dBµV/m] | [dBµV/m] | [dBµV/m] | [dB] | [cm] | [°] | Polarity |
| | 1 | 1742.0742 | -19.93 | 53.93 | 34.00 | 74.00 | 40.00 | 150 | 98 | Horizontal |
| | 2 | 2504.9504 | -16.22 | 54.05 | 37.83 | 74.00 | 36.17 | 150 | 13 | Horizontal |
| ٢ | 3 | 3201.0201 | -14.52 | 53.66 | 39.14 | 74.00 | 34.86 | 150 | 316 | Horizontal |
| | 4 | 4594.6594 | -9.53 | 52.78 | 43.25 | 74.00 | 30.75 | 150 | 140 | Horizontal |
| ŝ | 5 | 7014.4014 | -4.35 | 52.31 | 47.96 | 74.00 | 26.04 | 150 | 298 | Horizontal |
| | 6 | 9303.6303 | -1.43 | 51.76 | 50.33 | 74.00 | 23.67 | 150 | 1 | Horizontal |

Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Limit – Level;

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HUAK TESTING

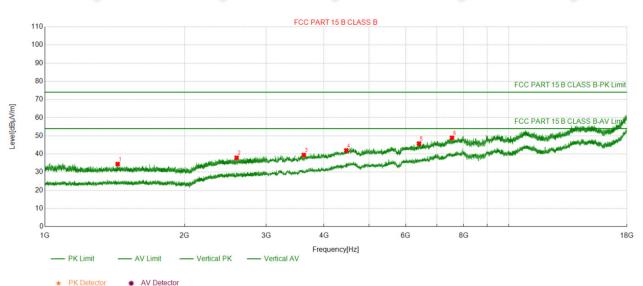
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| EUT : | Camera Detector | Model Name : | X18 |
|---------------|---------------------|---------------------|------------|
| Temperature : | 24 ℃ | Relative Humidity : | 54% |
| Pressure : | 1010 hPa | Test Date : | 2025-03-27 |
| Test Mode : | Mode 3 | Polarization : | Vertical |
| Test Power : | DC3.7V from battery | HUAKTEST | HUAKTESI |
| | | | |



| | | * PK Delector | AV Delector | | | | | | | |
|----|-------|---------------|-------------|---------------------|----------|----------|--------|--------|-------|----------|
| | Suspe | cted List | | | | | | | | |
| | NO. | Freq. | Factor | Reading | Level | Limit | Margin | Height | Angle | Polarity |
| | NO. | [MHz] | [dB] | [dBµV/m] | [dBµV/m] | [dBµV/m] | [dB] | [cm] | [°] | Polanty |
| Q. | 1 | 1435.2435 | -20.30 | 54.76 | 34.46 | 74.00 | 39.54 | 150 | 253 | Vertical |
| | 2 | 2590.5590 | -16.04 | 53.95 | 37.91 | 74.00 | 36.09 | 150 | 324 | Vertical |
| | 3 | 3616.5616 | -13.22 | 52.65 | 39.43 | 74.00 | 34.57 | 150 | 241 | Vertical |
| | 4 | 4467.1467 | -10.10 | 52.06 | 41.96 | 74.00 | 32.04 | 150 | 80 | Vertical |
| X | 5 | 6409.8409 | -7.16 | 52.90 | 45.74 | 74.00 | 28.26 | 150 | 174 | Vertical |
| 2 | 6 | 7549.9549 | -3.69 | 52. <mark>61</mark> | 48.92 | 74.00 | 25.08 | 150 | 75 | Vertical |

Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Limit – Level;

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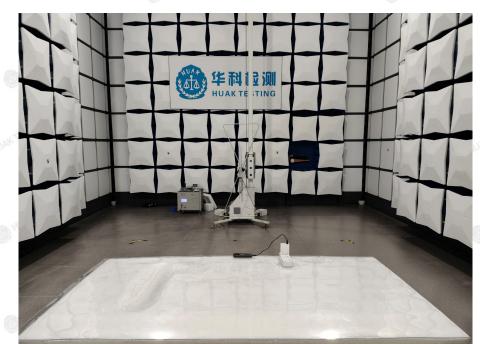


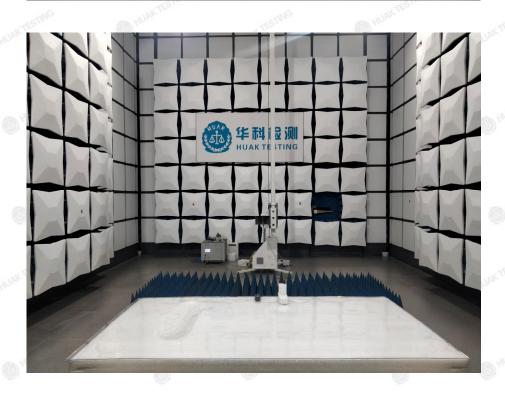
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4. EUT TEST PHOTOS

Radiated Emission





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Conducted Emission



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5. Photos of the EUT

Reference to the report: ANNEX A of external photos and ANNEX B of internal photos

-----End of test report-

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