

Prüfbericht-Nr.: Test report no.:	CN264A67 001	Auftrags-Nr.: Order no.:	27225459	Seite 1 von 34 Page 1 of 34
Kunden-Referenz-Nr.: Client reference no.:	40974830	Auftragsdatum: Order date:	2026-03-24	
Auftraggeber: Client:	Zhejiang MRDVS Technology Co., Ltd. 1st Floor, No. 5 Building, Phase II of High-end Manufacturing Industrial Park, No. 1177 Xin'an Road, High-tech Zone, Wuxing District, Huzhou, 313000 Zhejiang P.R. China			
Prüfgegenstand: Test item:	S10Ultra RGBD Camera			
Bezeichnung / Typ-Nr.: Identification / Type no.:	LXPS-SA7A6-8CE-940A, LXPS-SA792-8CE-940A, LXPS-SA7A6-8CE-940B			
Auftrags-Inhalt: Order content:	TÜV Rheinland - EMC service			
Prüfgrundlage: Test specification:	EN IEC 61000-6-4:2019 EN IEC 61000-6-2:2019 EN IEC 61000-3-2:2019+A1+A2* EN 61000-3-3:2013+A1+A2*			
Wareneingangsdatum: Date of sample receipt:	2026-03-26			
Prüfmuster-Nr.: Test sample no:	A004235124-001			
Prüfzeitraum: Testing period:	Refer to test report			
Ort der Prüfung: Place of testing:	Refer to section 2.1			
Prüflaboratorium: Testing laboratory:	TÜV Rheinland (Shenzhen) Co., Ltd.			
Prüfergebnis*: Test result*:	Pass			
geprüft von: tested by: Murphy Chen	genehmigt von: authorized by: Chris Mo			
Datum: Date: 2026-05-15	Ausstellungsdatum: Issue date: 2026-05-15			
Stellung / Position: Senior Project Manager	Stellung / Position: Authorizer			
Sonstiges / Other: Remark *: required by client.				
Zustand des Prüfgegenstandes bei Anlieferung: Condition of the test item at delivery:		Prüfmuster vollständig und unbeschädigt Test item complete and undamaged		
* Legende: P(ass) = entspricht o.g. Prüfgrundlage(n) F(ail) = entspricht nicht o.g. Prüfgrundlage(n) N/A = nicht anwendbar N/T = nicht getestet * Legend: P(ass) = passed a.m. test specification(s) F(ail) = failed a.m. test specification(s) N/A = not applicable N/T = not tested				
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Anmerkungen Remarks		

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4	Die Entscheidungsregel für Konformitätserklärungen basierend auf numerischen Messergebnissen in diesem Prüfbericht basiert auf der "Null-Grenzwert-Regel" und der "Einfachen Akzeptanz" gemäß ILAC G8:2019 und IEC Guide 115:2023, es sei denn, in der auf Seite 1 dieses Berichts genannten angewandten Norm ist etwas anderes festgelegt oder vom Kunden gewünscht. Dies bedeutet, dass die Messunsicherheit nicht berücksichtigt wird und daher auch nicht im Prüfbericht angegeben wird. Zu weiteren Informationen bezüglich des Risikos durch diese Entscheidungsregel siehe ILAC G8:2019. <i>The decision rule for statements of conformity, based on numerical measurement results, in this test report is based on the "Zero Guard Band Rule" and "Simple Acceptance" in accordance with ILAC G8:2019 and IEC Guide 115:2023, unless otherwise specified in the applied standard mentioned on Page 1 of this report or requested by the customer. This means that measurement uncertainty is not taken in account and hence also not declared in the test report. For additional information to the resulting risk based of this decision rule please refer to ILAC G8:2019.</i>

TEST SUMMARY

5.1.1 HARMONICS ON AC MAINS

RESULT: Pass

5.1.2 VOLTAGE FLUCTUATIONS ON AC MAINS

RESULT: Pass

5.1.3 CONTINUOUS CONDUCTED EMISSION ON AC MAINS

RESULT: Pass

5.1.4 DISCONTINUOUS DISTURBANCE ON AC MAINS

RESULT: Pass

5.1.5 CONTINUOUS CONDUCTED EMISSION ON WIRED NETWORK PORT

RESULT: Pass

5.2.1 RADIATED DISTURBANCE (BELOW 1GHz)

RESULT: Pass

5.2.2 RADIATED DISTURBANCE (ABOVE 1GHz)

RESULT: Pass

6.2.1 RADIO-FREQUENCY ELECTROMAGNETIC FIELD AMPLITUDE MODULATED (RS)

RESULT: Pass

6.2.2 RADIO-FREQUENCY CONTINUOUS CONDUCTED (CS)

RESULT: Pass

6.2.3 POWER-FREQUENCY MAGNETIC FIELDS

RESULT: Pass

6.3.1 FAST TRANSIENTS (EFT)

RESULT: Pass

6.3.2 SURGE

RESULT: Pass

6.3.3 ELECTROSTATIC DISCHARGES (ESD)

RESULT: Pass

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1. General Remarks

1.1 Complementary Materials

All attachments are integral parts of this test report. This applies especially to the following appendix:

Appendix 1: Test result

Appendix 2: Measurement uncertainties

2. Test Sites

2.1 Test Facilities

TÜV Rheinland (Shenzhen) Co., Ltd.
2-3F, 101 & 102, No.2, Nuclear Power Industrial Park, Fuming Community, Fucheng Street,
Longhua District, Shenzhen, China

2.2 List of Test and Measurement Instruments

Table 1: List of Test and Measurement Equipment

Equipment	Manufacturer	Model No.	Serial No.	Calibration Until
Conducted Emission & Click				
EMI Test Receiver	R&S	ESR3	102428	2026-07-18
Artificial Mains Network	R&S	ENV432	101546	2027-02-03
Artificial Mains Network	R&S	ENV432	101411	2026-07-18
Impedance Stabilization Network	R&S	ENY81-CA6	101810	2026-05-15
EMC32 test software	R&S	EMC32(Ver.1 0.50.00)	N/A	N/A
Radiated Emission				
Below 1GHz				
10m SAC	ETS-Lindgren	SAC10	CT001632-Q1399	2027-10-22
EMI Test Receiver 1	R&S	ESR7	102022	2026-07-18
EMI Test Receiver 2	R&S	ESR7	102023	2026-07-18
Bilog Antenna 1	TESEQ	CBL6112D	51321	2026-07-08
Bilog Antenna 2	TESEQ	CBL6112D	51322	2026-07-29
Preamplifier 1 (30-1000MHz)	Schwarzbeck	BBV9745	00256	2026-07-17
Preamplifier 1 (30-1000MHz)	Schwarzbeck	BBV9745	115	2026-07-17
Above 1GHz				
3m SAC	ETS-Lindgren	SAC3	CT001632-Q1362	2027-09-11
Horn Antenna	R&S	HF907	102706	2027-07-31
Preamplifier(1-18GHz)	Schwarzbeck	BBV 9721	00140	2026-10-29
EMI Test Receiver	R&S	ESR7	102111	2026-07-18
EMC32 test software	R&S	EMC32(Ver.1 0.60.20)	N/A	N/A
ESD				
ESD Tester	TESEQ	NSG-437	1282	2026-07-24
Radio Frequency Electromagnetic Fields Susceptibility				
3m FAC	ETS-Lindgren	FAC3	CT001632-Q1360	2027-09-12
Signal Generator	R&S	SMB100A	115183	2026-07-18
Power Amplifier	R&S	BBA150-BC250	103102	2026-07-18

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Equipment	Manufacturer	Model No.	Serial No.	Calibration Until
Power Amplifier	R&S	BBA150-D110E100	103117	2026-07-18
Power Sensor	R&S	NRP6AN	101161	2026-07-18
Power Sensor	R&S	NRP6AN	101162	2026-07-18
Stacked Double Log.-Per. Antenna	Schwarzbeck	STLP 9128E	0153	2027-01-11
Stacked Log.-Per. Antenna	Schwarzbeck	STLP 9149	00520	2027-01-11
EMC32 Test Software	R&S	EMC32(Ver.1 0.50.00)	N/A	N/A
EFT, Surge				
EFT/Surge/Voltage Dips & Interruption Main Test Unit	EMTEST	Compact NX5 Bspt-1-300-16	P1807214329	2026-07-18
Variac	EMTEST	Variac NX-1-260-16	P1828221789	2026-07-18
CDN	EMTEST	CNV508T5	P1806214115	2026-07-18
Capacitive Coupling Clamp	EMTEST	CCI	P1827221599	2026-07-18
EMC 4 IN 1 System Test Software	EMTEST	Iec.Control (V8.0.3)	N/A	N/A
Radio-Frequency Continuous Conducted Susceptibility				
Conducted Immunity Test System	TESEQ	NSG 4070	51350	2026-07-18
6 dB Attenuator	TESEQ	100w6db	N/A	2026-07-18
CDN	TESEQ	CDN M016	51055	2026-07-18
CDN	TESEQ	CDN T800	49430	2026-07-18
EM Clamp	TESEQ	KEMZ 801A	51287	2027-02-03
Power-Frequency Magnetic Field				
PFMF Generator	EMTEST	MC 2630	P1816215107	2026-07-18
PFMF Magnetic Antenna	EMTEST	MS 100N	P1832222236	2026-07-18
5KVA AC Power Source	California Instruments	5001ix-CTS-400-413	1827A00145	2026-07-23
Harmonics/Voltage Fluctuation And Flicker Test System	California Instruments	100-CTS-230	1827A00144	2026-07-23
Test Software	California Instruments	CTS 4 (Ver.4.29.0)	N/A	N/A

3. General Product Information

3.1 Product Function and Intended Use

The EUT is S10Ultra RGBD Camera used for industrial environment. All models are identical except model name.

Details refer to User manual and Schematic diagram.

3.2 Ratings and System Details

	:	
Rated input	:	DC 24V,2A
Rated Power	:	9W
Protection class	:	III

3.3 Independent Operation Modes

The basic operation modes are:

- A. On
 - 1. Working
 - 2. Standby
- B. Off

3.4 Input / Output Ports

Port #	Name	Type*	Cable Max. >3m	Cable Shielded	Comments
0	Enclosure	N/E	-	-	None
1	AC Mains	AC	-	-	None
2	Ethernet	TP	Yes	Unshielded	None
3	Control port	I/O	Yes	Unshielded	indoor only
*AC = AC Power Port DC = DC Power Port N/E = Non-Electrical I/O = Signal Input or Output Port (Not Involved in Process Control) TP = Telecommunication Ports					

3.5 Noise Generating and Noise Suppressing Parts

Sources of Interference:

- 1) IC Circuits
 - 2) Transistor
- Others refer to the Circuit Diagram/Photo Document for details.

Noise Suppressing Parts:

- 1) Inductor
 - 2) Capacitor
- Others refer to Circuit Diagram/Photo Document for details.

3.6 Submitted Documents

- | | |
|---------------------|---------------|
| - Schematic diagram | - User manual |
| - Label | - PCB Layout |

4. Test Set-up and Operation Modes

4.1 Principle of Configuration Selection

Emission: The equipment under test (EUT) was configured to measure its highest possible radiation level. The test modes were adapted accordingly in reference to the instructions for use.

Immunity: The equipment under test (EUT) was configured to have its highest possible susceptibility against the tested phenomena. The test modes were adapted accordingly in reference to the instructions for use.

4.2 Test Operation and Test Software

Test operation refers to test setup in chapter 5 & 6.

Pre-test in all operation modes and find out the worst case for compliance test.

According to section 3.1, full tests were applied on model LXPS-SA7A6-8CE-940A.

4.3 Special Accessories and Auxiliary Equipment

During the immunity testing, the sample was tested together with follow accessories:

Use*	Product Type	Manufacturer	Model	Remark
AE	AC/DC Adapter	APD	M284B	DC 24V,4.2A output
AE	PC	Lenovo	T14	---
AE	Control PCB	---	---	Provide by client

Abbreviations:

EUT - Equipment Under Test, AE - Auxiliary/Associated Equipment, or
SIM - Simulator (Not Subjected to Test)

4.4 Countermeasures to achieve EMC Compliance

The test sample which has been tested contained the noise suppression parts as described in the Technical Construction File. No additional measures were employed to achieve compliance.

5. Test Results EMISSION

5.1 Emission in the Frequency Range up to 30 MHz

5.1.1 Harmonics on AC Mains

RESULT:

Pass

Date of testing	:	Refer to Appendix 1
Test procedure	:	EN IEC 61000-3-2:2019+A1+A2
Class	:	A
Limit	:	Table 1
Measured harmonics	:	1 – 40

Remark: The EUTs' max. active input power is less than 75W and do not belong to lighting equipment, therefore harmonic current test is not applicable in accordance with Clause 7 of EN IEC 61000-3-2:2019+A1+A2.

The harmonic test data is attached in Appendix 1 for reference.

5.1.2 Voltage Fluctuations on AC Mains

RESULT:

Pass

Date of testing	:	---
Test procedure	:	EN 61000-3-3:2013+A1+A2
Limit	:	Clause 5
Frequency range	:	0 - 2kHz

Remark: The maximum rated power of the EUTs is less than 9W, which unlikely to produce significant voltage fluctuation. Therefore no test was applied.

See clause 6.1***

*** EN 61000-3-3:2013+A1+A2, clause 6.1:" ... Tests need not be made on equipment which is unlikely to produce significant voltage fluctuations or flicker....".

5.1.3 Continuous Conducted Emission on AC mains

RESULT:

Pass

Date of testing	:	Refer to Appendix 1
Test standard	:	EN IEC 61000-6-4 :2019
Frequency range	:	0.15 - 30MHz
Limits	:	Table 4 of EN IEC 61000-6-4 :2019
Kind of test site	:	Shielded room
Tested Port	:	AC Mains

Test Setup

Input Voltage	:	Refer to Appendix 1
Operation Condition	:	Clause 4 of EN IEC 61000-6-4 :2019
Operation mode	:	A
Artificial hand	:	Not applied
Earthing	:	Connected via adapter
Ambient temperature	:	Refer to Appendix 1
Relative humidity	:	Refer to Appendix 1
Atmospheric pressure	:	Refer to Appendix 1

Detailed test data refer to attached Appendix 1.

5.1.4 Discontinuous Disturbance on AC Mains

RESULT:

Pass

Test standard	:	EN IEC 61000-6-4 :2019
Frequency range	:	0.15 - 30MHz
Kind of test site	:	Shielded room

Remark: Based on the schematic design and working principle, the EUT is unlikely to produce significant discontinuous disturbance, therefore the EUT is deemed to comply with test requirement without additional test.

5.1.5 Continuous Conducted Emission on Wired Network Port

RESULT:

Pass

Date of testing	:	Refer to Appendix 1
Test standard	:	EN IEC 61000-6-4 :2019
Frequency range	:	0.15 - 30MHz
Limits	:	Table 5 of EN IEC 61000-6-4 :2019
Kind of test site	:	Shielded room
Tested Port	:	Wired network port

Test Setup

Input Voltage	:	Refer to Appendix 1
Operation Condition	:	Clause 4 of EN IEC 61000-6-4 :2019
Operation mode	:	A
Artificial hand	:	Not applied
Earthing	:	Connected via adapter
Ambient temperature	:	Refer to Appendix 1
Relative humidity	:	Refer to Appendix 1
Atmospheric pressure	:	Refer to Appendix 1

Detailed test data refer to attached Appendix 1.

5.2 Emission in the Frequency Range above 30 MHz

5.2.1 Radiated Disturbance (Below 1GHz)

RESULT:

Pass

Date of testing	:	Refer to Appendix 1
Test standard	:	EN IEC 61000-6-4 :2019
Frequency range	:	30 - 1000MHz
Limits	:	Table 3 of EN IEC 61000-6-4 :2019
Kind of test site	:	10m Semi-Anechoic Chamber
Tested Port	:	Enclosure

Test Setup

Input Voltage	:	Refer to Appendix 1
Operation Condition	:	Clause 4 of EN IEC 61000-6-4 :2019
Operation mode	:	A
Earthing	:	Connected via adapter
Ambient temperature	:	Refer to Appendix 1
Relative humidity	:	Refer to Appendix 1
Atmospheric pressure	:	101kPa

Method: Measurements were made in a 10-meter semi-anechoic chamber or Open Area Test Site that complies to CISPR 16. Preliminary (peak) measurements were performed at an antenna to EUT separation distance of 10 meter below 1GHz. The EUT was rotated 360° about its azimuth with the receive antenna located at various heights in horizontal and vertical polarities. Final measurements (quasi-peak detector below 1GHz) were then performed by rotating the EUT 360° and adjusting the receive antenna height from 1 to 4 m. All frequencies were investigated in both horizontal and vertical antenna polarity, where applicable.

Detailed test data refer to attached Appendix 1.

5.2.2 Radiated Disturbance (Above 1GHz)

RESULT:

Pass

Date of testing	:	Refer to Appendix 1
Test standard	:	EN IEC 61000-6-4 :2019
Frequency range	:	1 – 6GHz
Classification	:	Class A
Limits	:	Table 3 of EN IEC 61000-6-4 :2019
Kind of test site	:	3m Semi-Anechoic Chamber
Tested Port	:	Enclosure

Test Setup

Input Voltage	:	Refer to Appendix 1
Operation Condition	:	Clause 4 of EN IEC 61000-6-4 :2019
Operation mode	:	A
Earthing	:	Connected via adapter
Ambient temperature	:	Refer to Appendix 1
Relative humidity	:	Refer to Appendix 1
Atmospheric pressure	:	101kPa

Detailed test data refer to attached Appendix 1.

6. Test Results IMMUNITY

6.1 Classification of apparatus

According to EN IEC 61000-6-2:2019, the EUT shall be tested in accordance with clause 9, and comply with the performance criterion in table 1,2 & 3 of clause 9.

Continuous Disturbance

Radio-Frequency Electromagnetic Field Amplitude Modulated (RS)	Criterion A
Radio-Frequency Continuous Conducted (CS)	Criterion A
Power Frequency Magnetic Fields	Criterion A

Transient Disturbance

Fast Transients (EFT)	Criterion B
Surge	Criterion B
Electrostatic Discharges (ESD)	Criterion B

Power supply Alterations

Voltage Dips, 100% reduction, 1 period	Criterion B
30% reduction, 25 periods at 50Hz	Criterion C
30% reduction, 30 periods at 60Hz	Criterion C
Voltage Interruptions, 100% reduction, 250 periods at 50Hz	Criterion C
100% reduction, 300 periods at 60Hz	Criterion C

6.2 Continuous Disturbances

6.2.1 Radio-Frequency Electromagnetic Field Amplitude Modulated (RS)

RESULT:

Pass

Date of Testing : 2026-05-08
Test Specification : EN IEC 61000-6-2:2019
Basic Standard : IEC 61000-4-3: 2006+A1+A2
Criterion : A
Frequency Range : 80 - 1000MHz,
1.4 – 6.0GHz
Test Level : 10V/m for 80-1000MHz, unmodulated, r.m.s.
3V/m for 1.4-6.0GHz, unmodulated, r.m.s.
Modulation : AM 80%, 1kHz sine-wave
Tested port : Enclosure

Test Setup

Input Voltage : DC 24V via adapter
Operation Mode : A
Earthing : Connected via adapter
Ambient temperature : 24.2°C
Relative humidity : 53.2%
Atmospheric pressure : 101kPa

Test results:

Polarization	Frequency Range	Test Level	Criterion	Description	Conclusion
H/V	80MHz to 1000MHz	10V/m (rms)	A	Operating as intended, no failure detected	Pass
H/V	1400MHz to 6000MHz	3V/m (rms)	A	Operating as intended, no failure detected	Pass

6.2.2 Radio-Frequency Continuous Conducted (CS)

RESULT:

Pass

Date of testing : 2026-05-08
 Test Specification : EN IEC 61000-6-2:2019
 Basic Standard : IEC 61000-4-6: 2013
 Criterion : A
 Frequency range : 0.15 - 80 MHz
 Source impedance : 150Ω
 Test level : 10V (unmodulated, r.m.s.)
 Modulation : AM 80%, 1kHz sine-wave
 Sweep mode : automatic
 Sweep rate : < 1.5×10⁻³ decade / sec.
 Tested port : AC Mains, Wired network port, Control port

Test Setup

Input Voltage : DC 24V via adapter
 Operation Mode : A
 Earthing : Connected via adapter
 Ambient temperature : 23.4°C
 Relative humidity : 52.7%
 Atmospheric pressure : 101kPa

Test results:

Ports	Cable Type	Coupling Network	Frequency Range	Test Level	Criterion	Description	Conclusion
AC mains	Unshielded	CDN M2	150kHz-80MHz	10V (rms)	A	Operating as intended, no degradation detected during and after testing	Pass
Wired network port	Unshielded	T800	150kHz-80MHz	10V (rms)	A	Operating as intended, no degradation detected during and after testing	Pass
Control port	Unshielded	Clamp	150kHz-80MHz	10V (rms)	A	Operating as intended, no degradation detected during and after testing	Pass

6.2.3 Power-frequency Magnetic Fields

RESULT:

Pass

Date of testing : 2026-05-09
Test Specification : EN IEC 61000-6-2:2019
Basic Standard : IEC 61000-4-8:2009
Criterion : A
Test Frequency : 50/60Hz
Test level : 30A/m
Tested Port : Enclosure

Test Setup

Input Voltage : DC 24V via adapter
Operation Mode : A
Earthing : Connected via adapter
Ambient temperature : 21.5°C
Relative humidity : 49.8%
Atmospheric pressure : 101kPa

Test results:

Ports	Test Level (A/m)	Testing Duration	Coil Orientation	Criterion	Description	Conclusion
Enclosure	30	5 mins	X	A	Operating as intended, no failure detected	Pass
Enclosure	30	5 mins	Y	A	Operating as intended, no failure detected	Pass
Enclosure	30	5 mins	Z	A	Operating as intended, no failure detected	Pass

6.3 Transient Disturbances

6.3.1 Fast Transients (EFT)

RESULT:

Pass

Date of testing : 2026-05-11
 Test Specification : EN IEC 61000-6-2:2019
 Basic Standard : IEC 61000-4-4:2012
 Criterion : B
 Test level : $\pm 1\text{kV}$ for AC mains
 $\pm 2\text{kV}$ for Signal/Control port
 Test duration : $\geq 120\text{sec}$
 Rise time : 5/50ns
 Repetition frequency : 5 kHz
 Tested port : AC Mains, Wired network port, Control port

Test Setup

Input Voltage : DC 24V via adapter
 Operation Mode : A
 Earthing : Connected via adapter
 Ambient temperature : 23.4°C
 Relative humidity : 52.7%
 Atmospheric pressure : 101kPa

Test results:

Ports	Coupling Mode	Rep. frequency	Test Level	Criterion	Description	Conclusion
AC Mains	L, N, PE, L+N, L+PE, N+PE, L+N+PE	5kHz	$\pm 2\text{kV}$	B	Operating as intended, no failure detected	Pass
Wired Network port	Clamp	5kHz	$\pm 1\text{kV}$	B	Operating as intended, no failure detected	Pass
Control Port	Clamp	5kHz	$\pm 1\text{kV}$	B	Operating as intended, no failure detected	Pass

6.3.2 Surge

RESULT:

Pass

Date of testing : 2026-05-11
Test Specification : EN IEC 61000-6-2:2019
Basic Standard : IEC 61000-4-5: 2014
Criterion : B
Source impedance : 2Ω, 12Ω for AC mains
40 Ω for Wired network port
Test level : ±0.5kV, ±1kV, ±2kV for AC mains
±1kV for Signal/Control port
Coupling phases : 0°, 90°, 180°, 270°
Number of surges : 5 (for each combination of parameters)
Repetition rate : Max. 1/min
Tested port : AC Mains, Wired network port

Test Setup

Input Voltage : DC 24V via adapter
Operation Mode : A
Earthing : Connected via adapter
Ambient temperature : 24.0°C
Relative humidity : 52.9%
Atmospheric pressure : 101kPa

Test results:

Ports	Test Level	Coupling Mode	Impedance (ohm)	Criterion required by client	Description	Conclusion
AC Mains	±0.5/±1kV	L-N	2	A	Operating as intended, no failure detected	Pass
AC Mains	±0.5,±1kV, ±2kV	L-PE, N-PE	12	A	Operating as intended, no failure detected	Pass
Wired network port	±0.5,±1kV	Line to earth	40	A	Operating as intended, no failure detected	Pass

Remark: The length of control port line will not exceed 30m, and it will not leave the building (including a line installed outdoors), hence the surge test is not applicable.

6.3.3 Electrostatic Discharges (ESD)

RESULT:

Pass

Date of testing : 2026-05-11
Test Specification : EN IEC 61000-6-2:2019
Basic Standard : IEC 61000-4-2:2008
Criterion : B
Charge voltage : $\pm 2.0\text{kV}$, $\pm 4.0\text{kV}$, $\pm 8.0\text{kV}$ (air discharge)
 $\pm 4.0\text{kV}$ (contact discharge)
Number of discharges : >20 per discharge points

Test Setup

Input Voltage : DC 24V via adapter
Operation Mode : A
Earthing : Connected via adapter
Ambient temperature : 23.6°C
Relative humidity : 53.8%
Atmospheric pressure : 101kPa

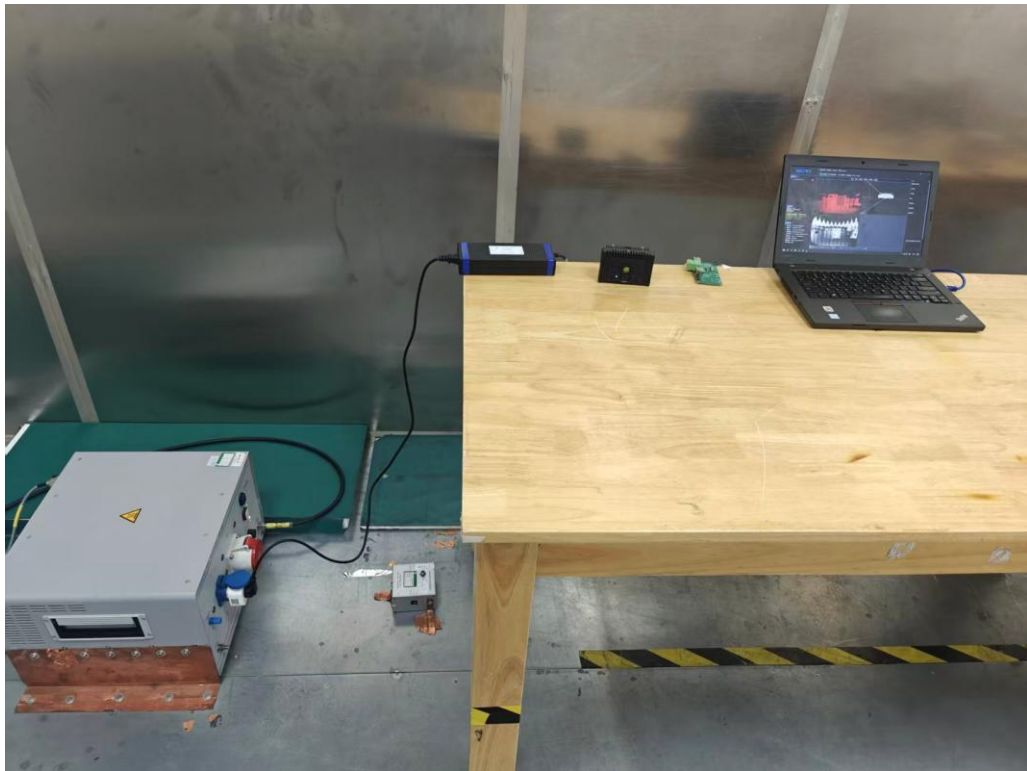
Test results:

Test Point	Test Mode	Test Level (kV)	Performance Criterion	Description	Result
VCP	C	± 4.0	B	No failure detected	Pass
HCP	C	± 4.0	B	No failure detected	Pass
Conducted Enclosure	C	± 4.0 ,	B	No failure detected	Pass
Slot	A	± 2.0 , ± 4.0 , ± 8.0	B	No failure detected	Pass
Non-Conducted Enclosure	A	± 2.0 , ± 4.0 , ± 8.0	B	No failure detected	Pass

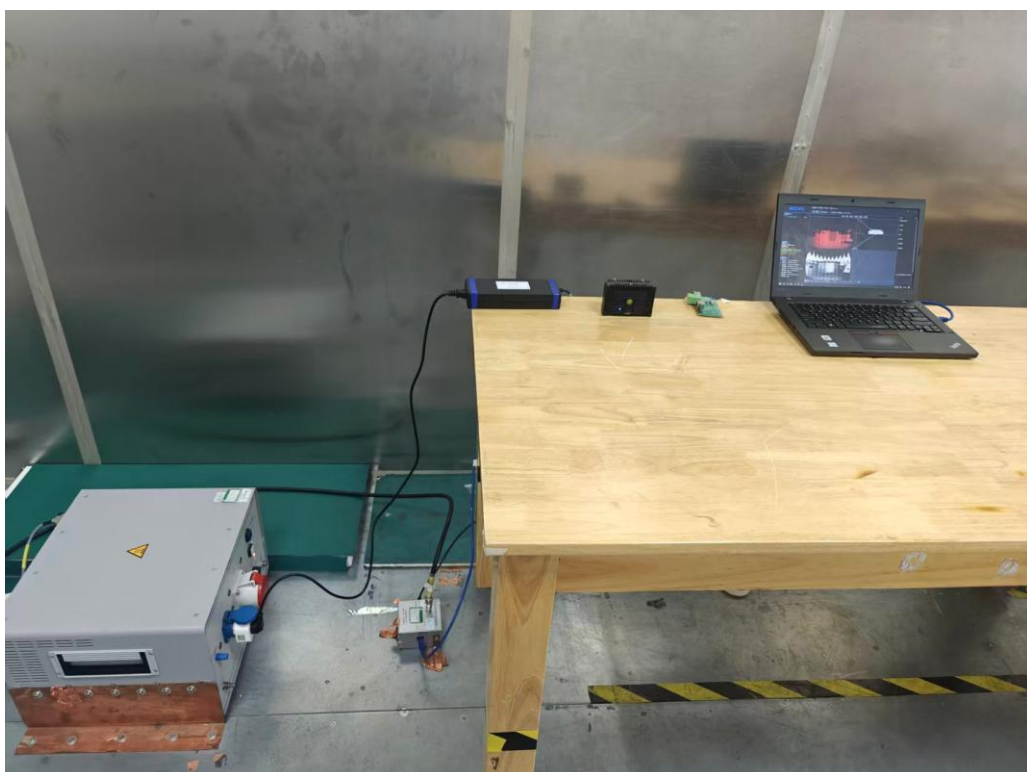
Note: A-Air discharge; C- Contact Discharge; VCP- Vertical Coupling Plane; HCP- Horizontal Coupling Plane

7. Photographs of the Test Set-Up

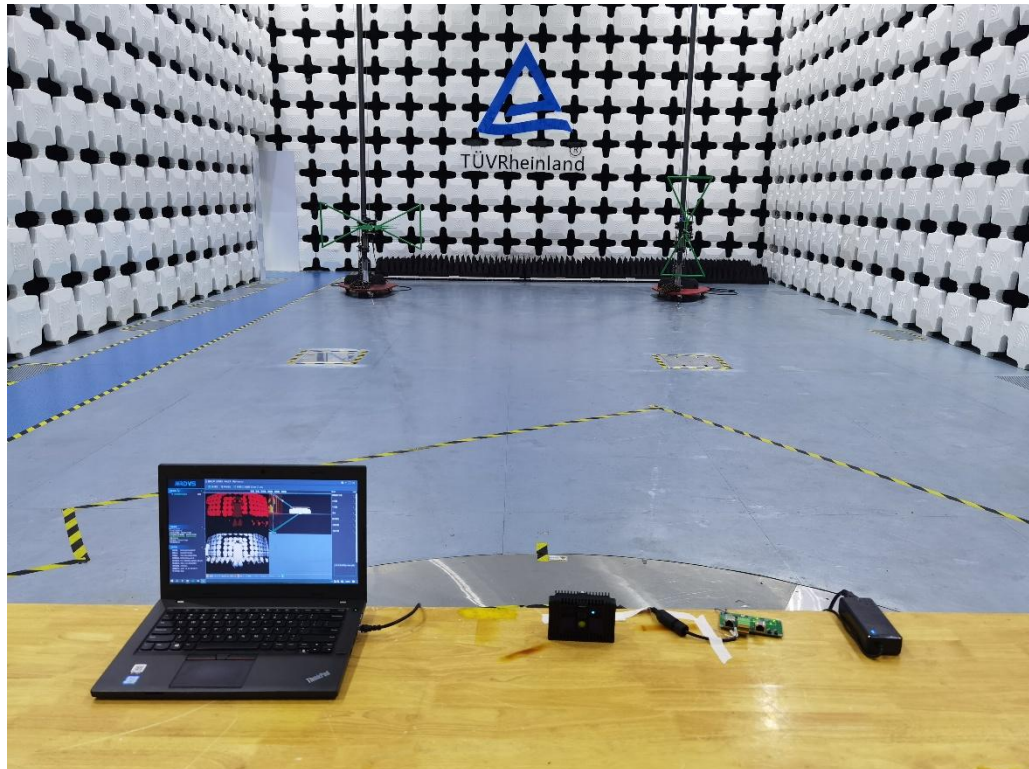
Photograph 1: Set-up for Conducted Emissions on AC Mains



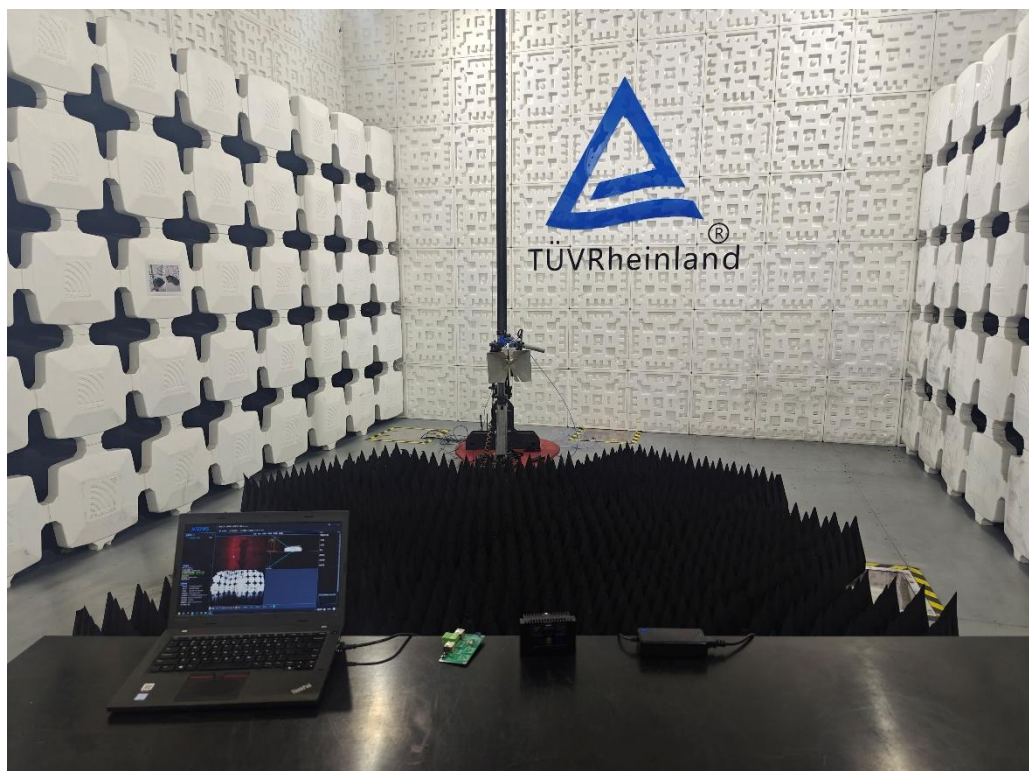
Photograph 2: Set-up for Conducted Emissions on Wired network port



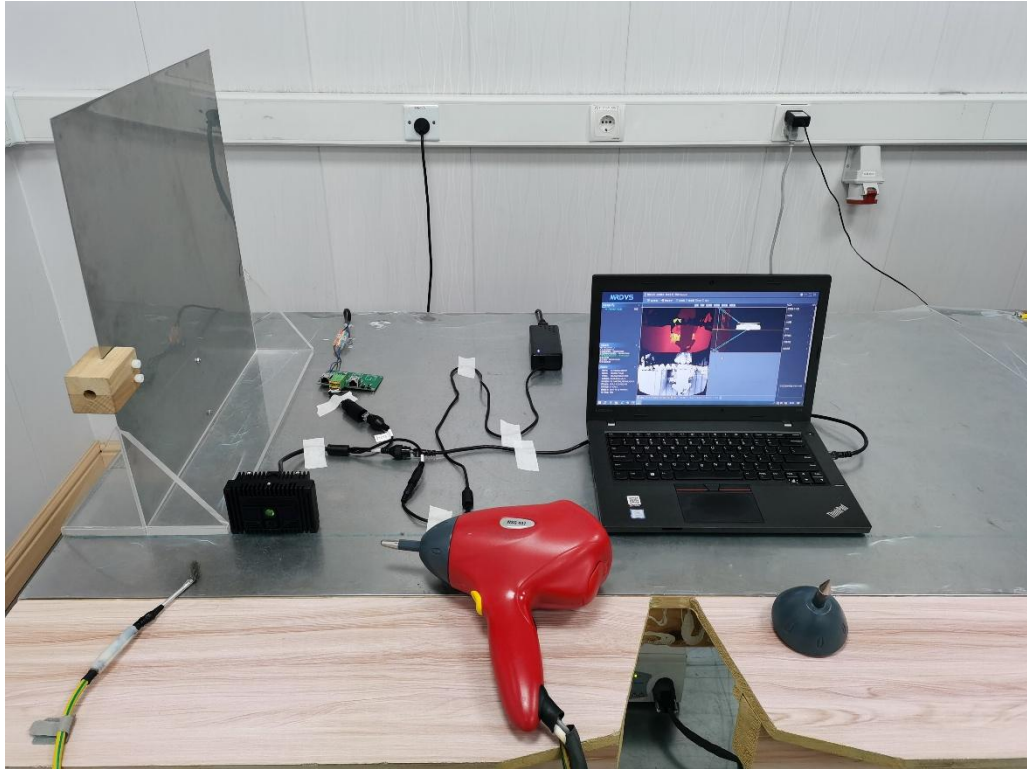
Photograph 3: Set-up for Radiated Emission
Below 1GHz



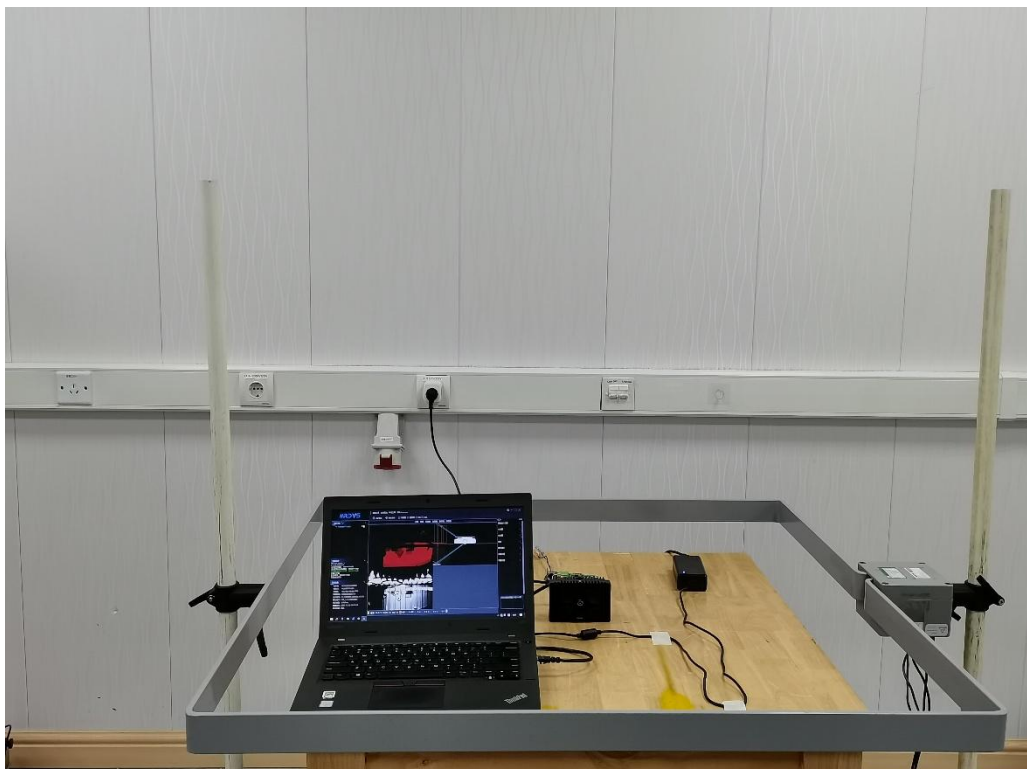
Above 1GHz



Photograph 4: Set-up for Electrostatic Discharges (ESD)



Photograph 5: Set-up for Power-frequency Magnetic Fields



Photograph 6: Set-up for Radio-Frequency Electromagnetic Field (RS)



Photograph 7: Set-up for EFT
AC mains



Wired network port



Control port



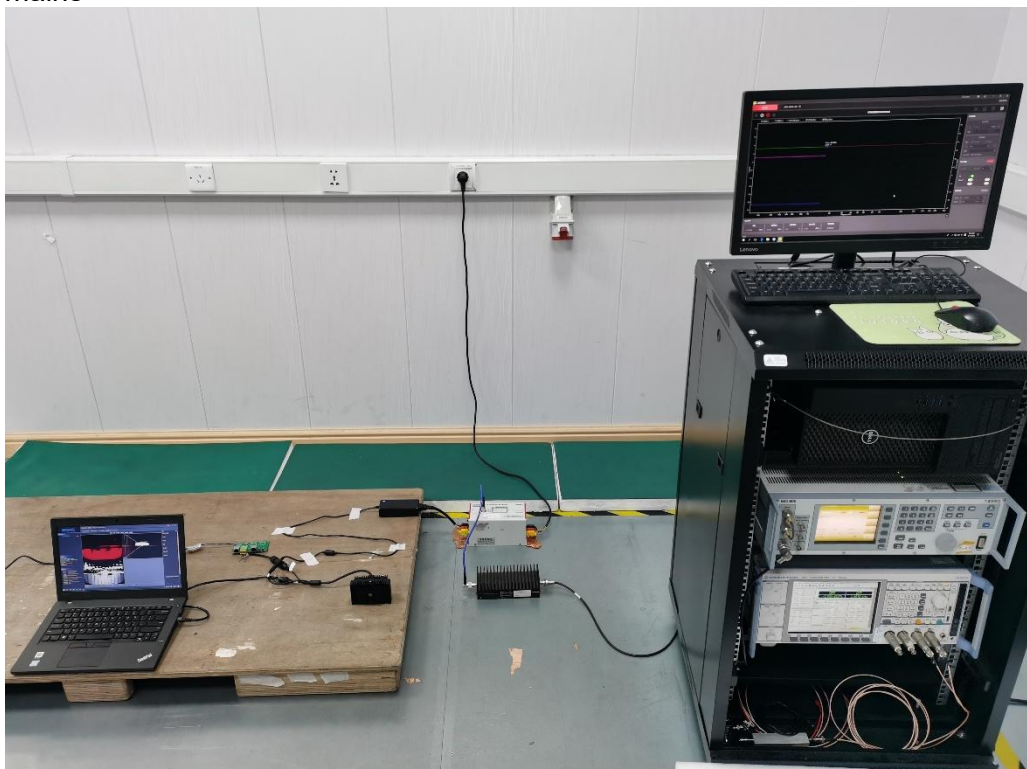
Photograph 8: Set-up for Surge
AC mains



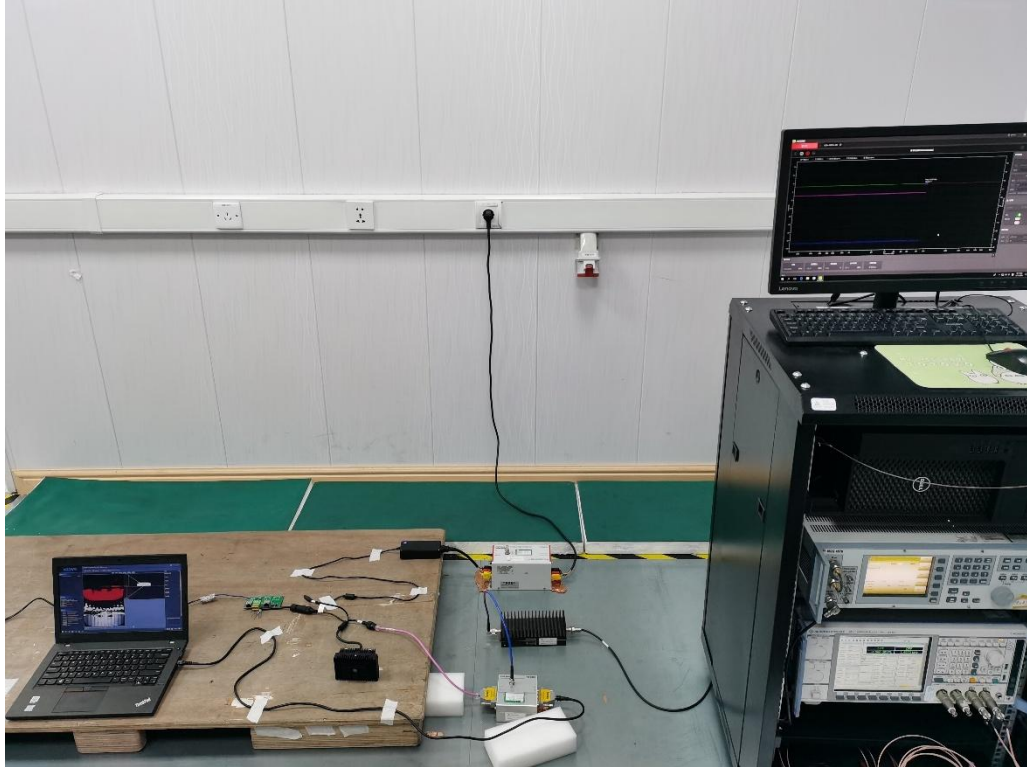
Wired network port



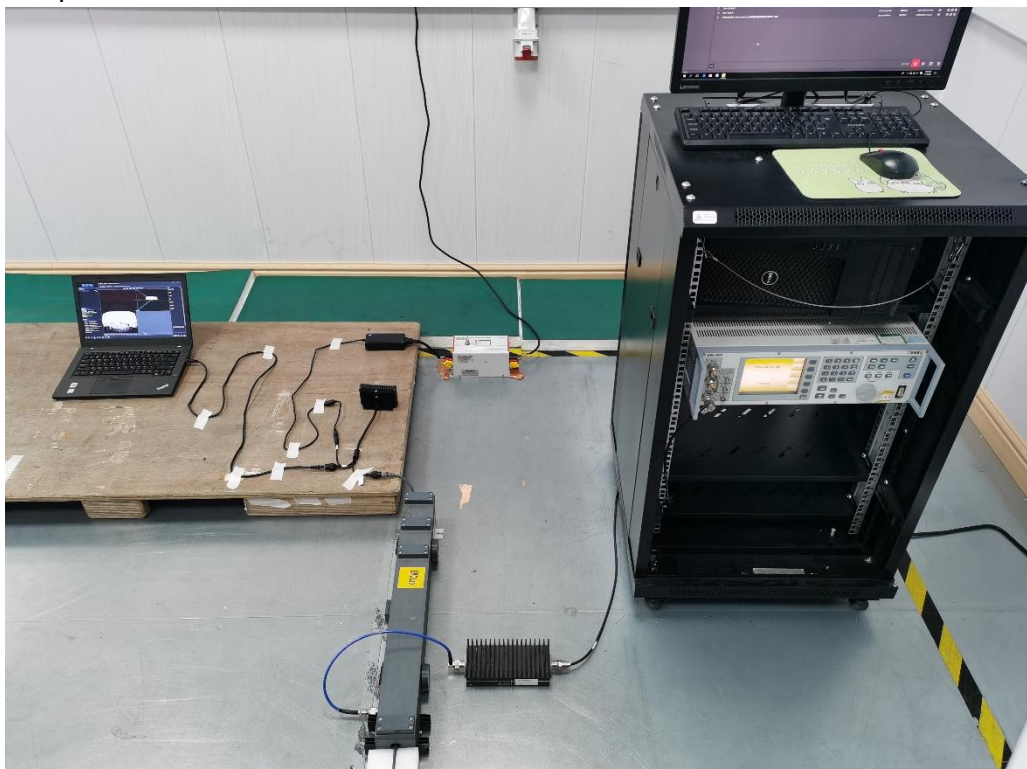
Photograph 9: Set-up for Radio-Frequency Continuous Conducted (CS)
AC mains



Wired network port



Control port



8. List of Tables

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San Diego, California

5/13/2026
6:32 PM

**Harmonics – Class-A per IEC 61000-3-2:2018/AMD1:2020(Run time) incl.
inter-harmonics**

EUT: S10Ultra RGBD Camera M/N: LXPS-SA7A6-8CE-940A Tested by: Dawn Shen
Test category: Class-A (European limits) Test Margin: 100
Test date: 5/11/2026 Start time: 6:15:35 PM End time: 6:18:27 PM
Test duration (min): 2.5 Data file name: H-000028.cts_data
Comment: Working
Customer: MRDVS

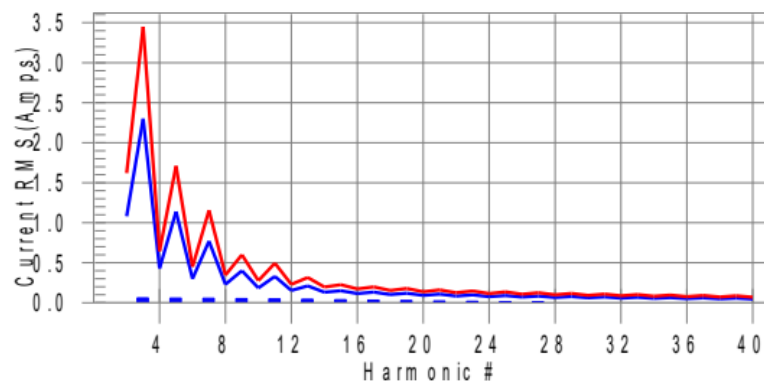
Test Result: Pass Source qualification: Normal

Current & voltage waveforms



Harmonics and Class A limit line

European Limits



Test result: Pass Worst harmonics H15-17.1% of 150% limit, H15-25.3% of 100% limit

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San Diego, California

5/13/2026
6:32 PM

Current Test Result Summary (Run time)

EUT: S10Ultra RGBD Camera M/N: LXPS-SA7A6-8CE-940A Tested by: Dawn Shen
Test category: Class-A (European limits) Test Margin: 100
Test date: 5/11/2026 Start time: 6:15:35 PM End time: 6:18:27 PM
Test duration (min): 2.5 Data file name: H-000028.cts_data
Comment: Working
Customer: MRDVS

Test Result: Pass Source qualification: Normal
THC(A): 0.148 I-THD(%): 254.5 POHC(A): 0.036 POHC Limit(A): 0.251

Highest parameter values during test:

V_RMS (Volts): 230.24	Frequency(Hz): 50.00
I_Peak (Amps): 0.882	I_RMS (Amps): 0.142
I_Fund (Amps): 0.058	Crest Factor: 6.280
Power (Watts): 12.2	Power Factor: 0.378

Harm#	Harms(avg)	100%Limit	%of Limit	Harms(max)	150%Limit	%of Limit	Status
2	0.008	1.080	0.8	0.010	1.620	0.6	Pass
3	0.060	2.300	2.6	0.061	3.450	1.8	Pass
4	0.008	0.430	1.9	0.010	0.645	1.5	Pass
5	0.058	1.140	5.1	0.059	1.710	3.4	Pass
6	0.008	0.300	2.5	0.009	0.450	1.9	Pass
7	0.055	0.770	7.2	0.056	1.155	4.9	Pass
8	0.007	0.230	3.1	0.008	0.345	2.3	Pass
9	0.052	0.400	13.0	0.052	0.600	8.7	Pass
10	0.006	0.184	3.5	0.007	0.276	2.7	Pass
11	0.048	0.330	14.4	0.048	0.495	9.7	Pass
12	0.006	0.153	3.8	0.007	0.230	3.0	Pass
13	0.043	0.210	20.5	0.044	0.315	13.8	Pass
14	0.005	0.131	3.9	0.006	0.197	3.1	Pass
15	0.038	0.150	25.3	0.039	0.225	17.1	Pass
16	0.004	0.115	N/A	0.005	0.173	N/A	Pass
17	0.033	0.132	24.9	0.033	0.198	16.9	Pass
18	0.004	0.102	N/A	0.005	0.153	N/A	Pass
19	0.028	0.118	23.4	0.028	0.178	15.9	Pass
20	0.003	0.092	N/A	0.004	0.138	N/A	Pass
21	0.023	0.107	21.3	0.023	0.161	14.5	Pass
22	0.003	0.084	N/A	0.003	0.125	N/A	Pass
23	0.018	0.098	18.6	0.019	0.147	12.7	Pass
24	0.002	0.077	N/A	0.003	0.115	N/A	Pass
25	0.014	0.090	15.7	0.015	0.135	10.8	Pass
26	0.002	0.071	N/A	0.003	0.107	N/A	Pass
27	0.011	0.083	12.6	0.011	0.125	8.8	Pass
28	0.002	0.066	N/A	0.003	0.099	N/A	Pass
29	0.007	0.078	9.6	0.008	0.116	6.7	Pass
30	0.002	0.061	N/A	0.002	0.092	N/A	Pass
31	0.005	0.073	N/A	0.005	0.109	N/A	Pass
32	0.002	0.058	N/A	0.002	0.086	N/A	Pass
33	0.003	0.068	N/A	0.004	0.102	N/A	Pass
34	0.002	0.054	N/A	0.002	0.081	N/A	Pass
35	0.004	0.064	N/A	0.004	0.096	N/A	Pass
36	0.002	0.051	N/A	0.002	0.077	N/A	Pass
37	0.004	0.061	N/A	0.005	0.091	N/A	Pass
38	0.002	0.048	N/A	0.002	0.073	N/A	Pass
39	0.005	0.058	N/A	0.005	0.087	N/A	Pass
40	0.002	0.046	N/A	0.002	0.069	N/A	Pass

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San Diego, California

5/13/2026
6:32 PM

Voltage Source Verification Data (Run time)

EUT: S10Ultra RGBD Camera M/N: LXPS-SA7A6-8CE-940A Tested by: Dawn Shen
Test category: Class-A (European limits) Test Margin: 100
Test date: 5/11/2026 Start time: 6:15:35 PM End time: 6:18:27 PM
Test duration (min): 2.5 Data file name: H-000028.cts_data
Comment: Working
Customer: MRDVS

Test Result: Pass Source qualification: Normal

Highest parameter values during test:

Voltage (Vrms): 230.24	Frequency(Hz): 50.00
I _{Peak} (Amps): 0.882	I _{RMS} (Amps): 0.142
I _{Fund} (Amps): 0.058	Crest Factor: 6.280
Power (Watts): 12.2	Power Factor: 0.378

Harm#	Harmonics V-rms	Limit V-rms	% of Limit	Status
2	0.072	0.460	15.59	OK
3	0.499	2.072	24.08	OK
4	0.065	0.460	14.05	OK
5	0.043	0.921	4.63	OK
6	0.043	0.460	9.43	OK
7	0.045	0.691	6.49	OK
8	0.016	0.460	3.43	OK
9	0.036	0.460	7.80	OK
10	0.010	0.460	2.25	OK
11	0.026	0.230	11.42	OK
12	0.015	0.230	6.35	OK
13	0.029	0.230	12.56	OK
14	0.011	0.230	4.92	OK
15	0.025	0.230	10.75	OK
16	0.014	0.230	6.21	OK
17	0.028	0.230	12.17	OK
18	0.013	0.230	5.73	OK
19	0.028	0.230	12.32	OK
20	0.037	0.230	16.13	OK
21	0.025	0.230	10.84	OK
22	0.011	0.230	4.60	OK
23	0.022	0.230	9.35	OK
24	0.005	0.230	2.11	OK
25	0.015	0.230	6.53	OK
26	0.003	0.230	1.44	OK
27	0.010	0.230	4.30	OK
28	0.004	0.230	1.95	OK
29	0.013	0.230	5.76	OK
30	0.005	0.230	2.27	OK
31	0.006	0.230	2.80	OK
32	0.004	0.230	1.85	OK
33	0.005	0.230	2.23	OK
34	0.004	0.230	1.67	OK
35	0.005	0.230	2.03	OK
36	0.003	0.230	1.48	OK
37	0.006	0.230	2.79	OK
38	0.005	0.230	2.09	OK
39	0.008	0.230	3.41	OK
40	0.020	0.230	8.54	OK

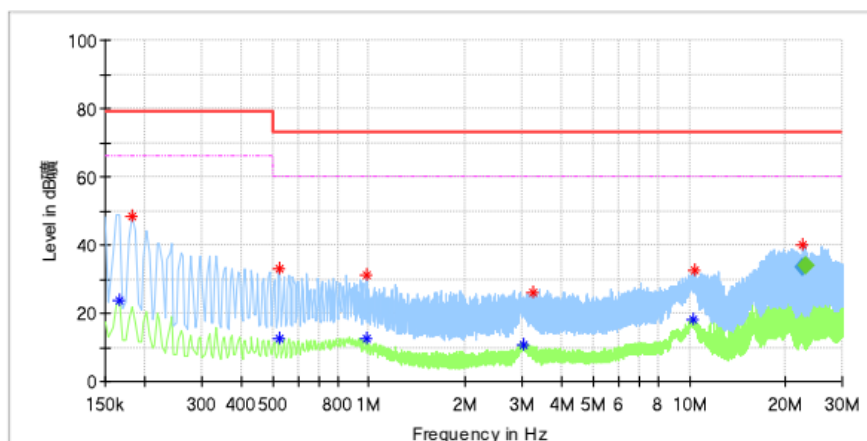
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Test Report

EUT Information

EUT Name:	S10Ultra RGBD Camera
Model:	LXPS-SA7A6-8CE-940A
Test Mode:	Working
Test Voltage:	DC 24V via adapter(AC 100V,60Hz for adapter input)
Test Standard:	EN IEC 61000-6-4
Test By:/Review By:	Dawn Shen/ Charlie Zha
Tem./Hum./Pressure:	24.9°C/51.3%/101kPa
Remark:	SR2



Critical Freqs

Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.17	---	23.81	66.00	42.19	L1	10.24
0.18	48.17	---	79.00	30.83	L1	10.24
0.53	---	12.43	60.00	47.57	L1	10.26
0.53	33.22	---	73.00	39.78	L1	10.26
0.98	---	12.45	60.00	47.55	L1	10.28
0.98	31.19	---	73.00	41.81	L1	10.28
3.03	---	10.76	60.00	49.24	L1	10.35
3.24	26.03	---	73.00	46.97	L1	10.35
10.25	---	18.14	60.00	41.86	L1	10.66
10.36	32.46	---	73.00	40.54	L1	10.66
22.46	39.78	---	73.00	33.22	L1	11.22
23.13	---	34.04	60.00	25.96	L1	11.24

Final Result

Frequency (MHz)	QuasiPeak (dBµV)	CAverage (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
22.46	33.35	---	73.00	39.65	1000.00	9.00	L1	11.22
23.13	---	34.18	60.00	25.82	1000.00	9.00	L1	11.24

2026-04-07

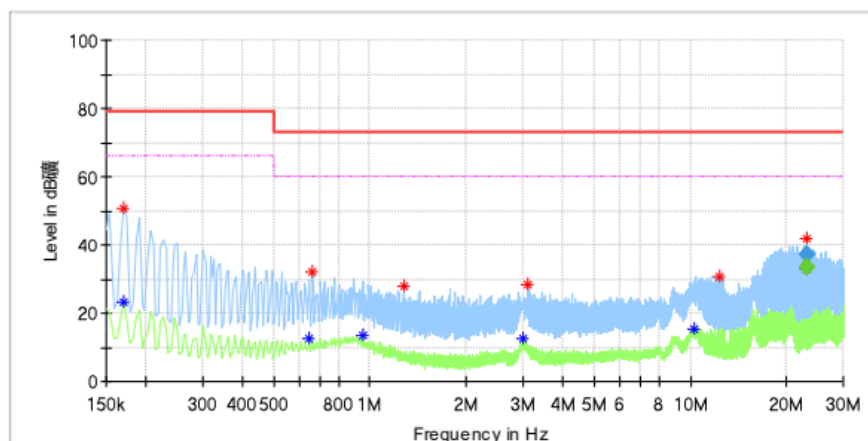
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Test Report

EUT Information

EUT Name:	S10Ultra RGBD Camera
Model:	LXPS-SA7A6-8CE-940A
Test Mode:	Working
Test Voltage:	DC 24V via adapter(AC 100V,60Hz for adapter input)
Test Standard:	EN IEC 61000-6-4
Test By:/Review By:	Dawn Shen/ Charlie Zha
Tem./Hum./Pressure:	24.9°C/51.3%/101kPa
Remark:	SR2



Critical Freqs

Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.17	---	23.09	66.00	42.91	N	10.25
0.17	50.52	---	79.00	28.49	N	10.25
0.65	---	12.47	60.00	47.53	N	10.28
0.66	31.97	---	73.00	41.03	N	10.28
0.95	---	13.34	60.00	46.66	N	10.29
1.27	27.73	---	73.00	45.27	N	10.30
3.00	---	12.60	60.00	47.40	N	10.35
3.10	28.34	---	73.00	44.67	N	10.35
10.33	---	15.44	60.00	44.56	N	10.66
12.31	30.78	---	73.00	42.22	N	10.70
23.13	---	32.96	60.00	27.04	N	11.24
23.13	41.73	---	73.00	31.27	N	11.24

Final Result

Frequency (MHz)	QuasiPeak (dBµV)	CAverage (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
23.13	---	33.45	60.00	26.55	1000.00	9.00	N	11.24
23.13	37.34	---	73.00	35.66	1000.00	9.00	N	11.24

2026-04-07

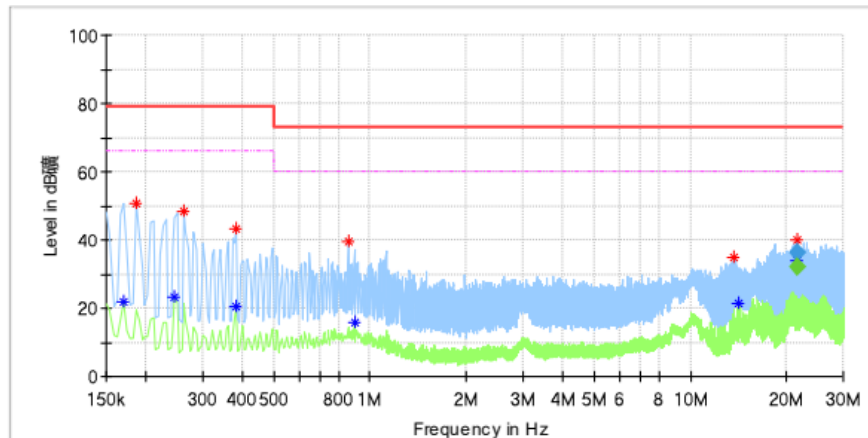
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Test Report

EUT Information

EUT Name:	S10Ultra RGBD Camera
Model:	LXPS-SA7A6-8CE-940A
Test Mode:	Working
Test Voltage:	DC 24V via adapter(AC 240V,50Hz for adapter input)
Test Standard:	EN IEC 61000-6-4
Test By:/Review By:	Dawn Shen/ Charlie Zha
Tem./Hum./Pressure:	24.9°C/51.3%/101kPa
Remark:	SR2



Critical Freqs

Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.17	---	21.66	66.00	44.34	L1	10.24
0.19	50.69	---	79.00	28.31	L1	10.24
0.25	---	23.03	66.00	42.97	L1	10.24
0.26	48.35	---	79.00	30.65	L1	10.24
0.38	---	20.38	66.00	45.62	L1	10.25
0.38	43.43	---	79.00	35.57	L1	10.25
0.85	39.57	---	73.00	33.43	L1	10.28
0.89	---	15.82	60.00	44.18	L1	10.28
13.66	34.66	---	73.00	38.34	L1	10.74
14.15	---	21.33	60.00	38.67	L1	10.75
21.66	---	33.78	60.00	26.22	L1	11.19
21.66	39.87	---	73.00	33.13	L1	11.19

Final Result

Frequency (MHz)	QuasiPeak (dBµV)	CAverage (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
21.66	---	32.24	60.00	27.76	1000.00	9.00	L1	11.19
21.66	36.33	---	73.00	36.67	1000.00	9.00	L1	11.19

2026-04-07

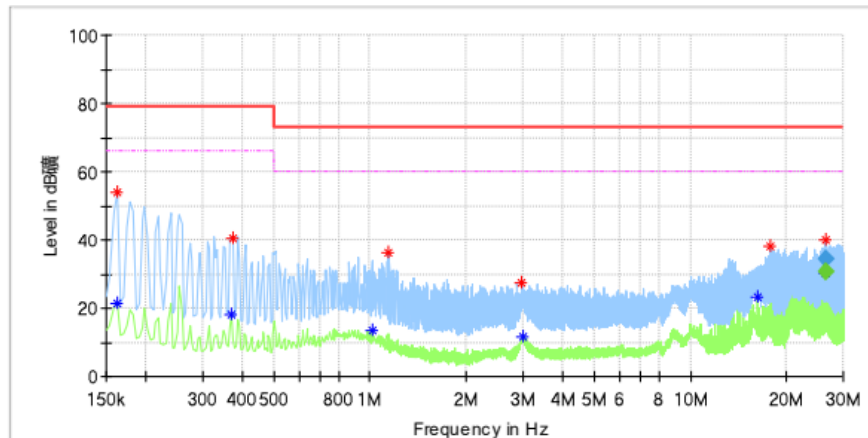
TÜV Rheinland (Shenzhen) Co., Ltd.

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Test Report

EUT Information

EUT Name:	S10Ultra RGBD Camera
Model:	LXPS-SA7A6-8CE-940A
Test Mode:	Working
Test Voltage:	DC 24V via adapter(AC 240V,50Hz for adapter input)
Test Standard:	EN IEC 61000-6-4
Test By:/Review By:	Dawn Shen/ Charlie Zha
Tem./Hum./Pressure:	24.9°C/51.3%/101kPa
Remark:	SR2



Critical Freqs

Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.16	---	21.62	66.00	44.38	N	10.25
0.16	53.87	---	79.00	25.13	N	10.25
0.37	---	18.27	66.00	47.73	N	10.26
0.37	40.60	---	79.00	38.41	N	10.26
1.01	---	13.32	60.00	46.68	N	10.29
1.15	36.22	---	73.00	36.78	N	10.29
2.97	27.27	---	73.00	45.73	N	10.34
2.99	---	11.52	60.00	48.48	N	10.35
16.17	---	23.41	60.00	36.59	N	10.83
17.69	38.14	---	73.00	34.86	N	10.95
26.55	---	30.15	60.00	29.85	N	11.36
26.55	40.03	---	73.00	32.97	N	11.36

Final Result

Frequency (MHz)	QuasiPeak (dBµV)	CAverage (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
26.55	---	30.69	60.00	29.31	1000.00	9.00	N	11.36
26.55	34.46	---	73.00	38.54	1000.00	9.00	N	11.36

2026-04-07

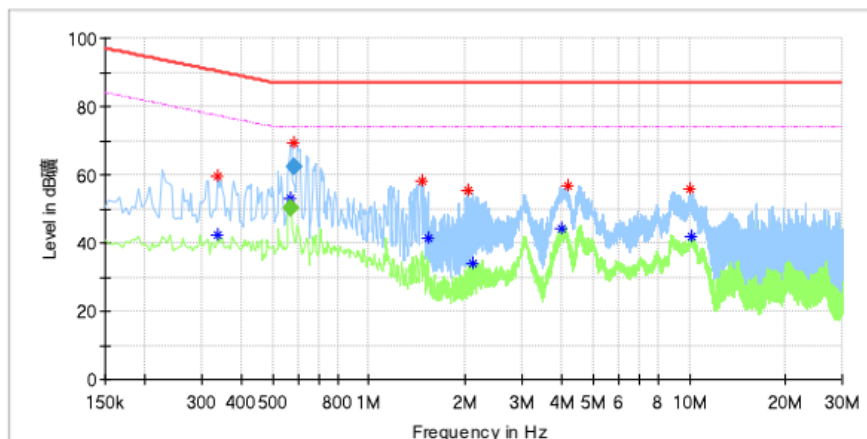
TÜV Rheinland (Shenzhen) Co., Ltd.

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Test Report

EUT Information

EUT Name:	S10Ultra RGBD Camera
Model:	LXPS-SA7A6-8CE-940A
Test Mode:	Working
Test Voltage:	DC 24V via adapter(AC 100V,60Hz for adapter input)
Test Standard:	EN IEC 61000-6-4
Test By:/Review By:	Dawn Shen/ Charlie Zha
Tem./Hum./Pressure:	24.9°C/51.3%/101kPa
Remark:	SR2



Critical Freqs

Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Corr. (dB)
0.34	---	42.32	77.25	34.93	9.73
0.34	59.71	---	90.25	30.55	9.73
0.57	---	52.86	74.00	21.14	9.77
0.58	69.47	---	87.00	17.53	9.77
1.46	58.00	---	87.00	29.00	9.68
1.53	---	41.47	74.00	32.53	9.69
2.04	55.29	---	87.00	31.71	9.72
2.11	---	34.05	74.00	39.95	9.71
4.00	---	44.34	74.00	29.66	9.53
4.16	56.64	---	87.00	30.36	9.52
10.01	55.78	---	87.00	31.22	9.20
10.13	---	41.93	74.00	32.07	9.20

Final Result

Frequency (MHz)	QuasiPeak (dBµV)	CAverage (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Corr. (dB)
0.57	---	50.43	74.00	23.57	1000.00	9.00	9.77
0.58	62.55	---	87.00	24.45	1000.00	9.00	9.77

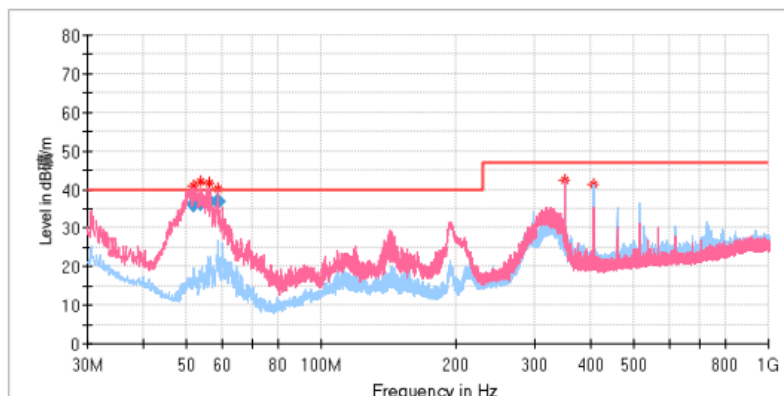
2026-04-07

TÜV Rheinland (Shenzhen) Co., Ltd.

Test Report

EUT Information

EUT Name:	S10Ultra RGBD Camera
Model:	LXPS-SA7A6-8CE-940A
Test Mode:	Working
Test Voltage:	DC 24V via adapter(AC 100V,60Hz for adapter input)
Standard:	EN IEC 61000-6-4
Test By:/Review By:	Aric Wang/Charlie Zha
Tem./Hum./Pressure:	24.2°C/50.5%/101kPa
Remark:	10m SAC



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
51.79	40.85	40.00	-0.85	200.0	V	107.0	-14.9
53.88	41.92	40.00	-1.92	200.0	V	125.0	-15.2
56.01	41.72	40.00	-1.72	200.0	V	93.0	-15.6
58.71	40.30	40.00	-0.30	100.0	V	122.0	-16.0
350.96	42.24	47.00	4.76	200.0	H	342.0	-7.9
405.01	41.21	47.00	5.79	200.0	H	189.0	-6.3

Final Result

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
51.79	36.25	40.00	3.75	1000.0	120.000	200.0	V	107.0	-14.9
53.88	36.64	40.00	3.36	1000.0	120.000	200.0	V	125.0	-15.3
56.01	36.96	40.00	3.04	1000.0	120.000	200.0	V	93.0	-15.6
58.71	36.83	40.00	3.17	1000.0	120.000	100.0	V	122.0	-16.0

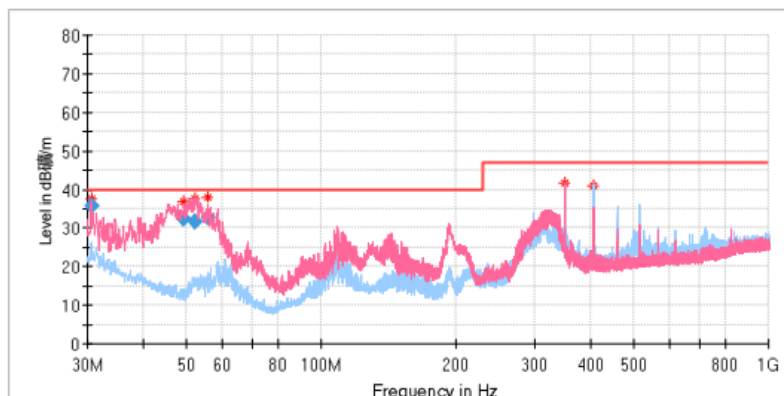
2026-04-24

TÜV Rheinland (Shenzhen) Co., Ltd.

Test Report

EUT Information

EUT Name:	S10Ultra RGBD Camera
Model:	LXPS-SA7A6-8CE-940A
Test Mode:	Working
Test Voltage:	DC 24V via adapter(AC 240V,50Hz for adapter input)
Standard:	EN IEC 61000-6-4
Test By:/Review By:	Aric Wang/Charlie Zha
Tem./Hum./Pressure:	24.2°C/50.5%/101kPa
Remark:	10m SAC



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
30.64	37.69	40.00	2.31	100.0	V	152.0	-4.6
49.35	36.90	40.00	3.10	100.0	V	134.0	-14.3
52.09	37.76	40.00	2.24	100.0	V	106.0	-15.0
55.87	37.88	40.00	2.12	200.0	V	123.0	-15.6
350.96	41.73	47.00	5.27	200.0	H	342.0	-7.9
404.96	41.08	47.00	5.92	200.0	H	184.0	-6.3

Final Result

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
30.64	35.63	40.00	4.37	1000.0	120.000	100.0	V	152.0	-4.6
49.35	32.52	40.00	7.48	1000.0	120.000	100.0	V	134.0	-14.3
52.09	31.64	40.00	8.36	1000.0	120.000	100.0	V	106.0	-15.0
55.87	32.57	40.00	7.43	1000.0	120.000	200.0	V	123.0	-15.6

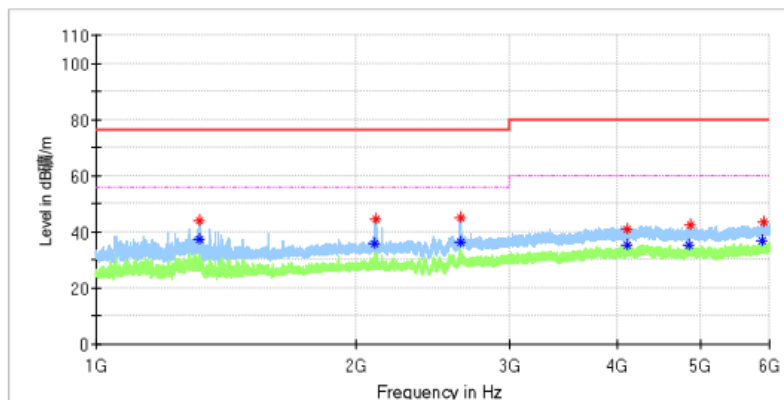
TÜV Rheinland (Shenzhen) Co., Ltd.

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Test Report

EUT Information

EUT Name:	S10Ultra RGBD Camera
Model:	LXPS-SA7A6-8CE-940A
Test Mode:	Working
Test Voltage:	DC 24V via adapter(AC 100V,60Hz for adapter input)
Standard:	EN IEC 61000-6-4
Test By:/Review By:	Junhua Sun/Charlie Zha
Tem./Hum./Pressure:	23.4°C/50.3%/101kPa
Remark:	3m SAC



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1317.500000	43.89	---	76.00	32.11	100.0	H	113.0	-9.2
1317.500000	---	37.15	56.00	18.85	100.0	H	113.0	-9.2
2099.375000	---	35.98	56.00	20.02	100.0	H	77.0	-6.2
2109.375000	44.54	---	76.00	31.46	100.0	H	77.0	-6.1
2634.375000	---	36.49	56.00	19.51	100.0	H	3.0	-3.3
2634.375000	45.03	---	76.00	30.97	100.0	H	3.0	-3.3
4110.312500	---	35.37	60.00	24.63	100.0	H	0.0	2.1
4114.687500	40.69	---	80.00	39.31	100.0	H	279.0	2.1
4836.562500	---	35.27	60.00	24.73	100.0	H	125.0	3.2
4862.500000	42.55	---	80.00	37.45	100.0	H	151.0	3.6
5878.437500	---	36.59	60.00	23.41	100.0	H	209.0	5.8
5905.312500	43.40	---	80.00	36.60	100.0	H	40.0	5.8

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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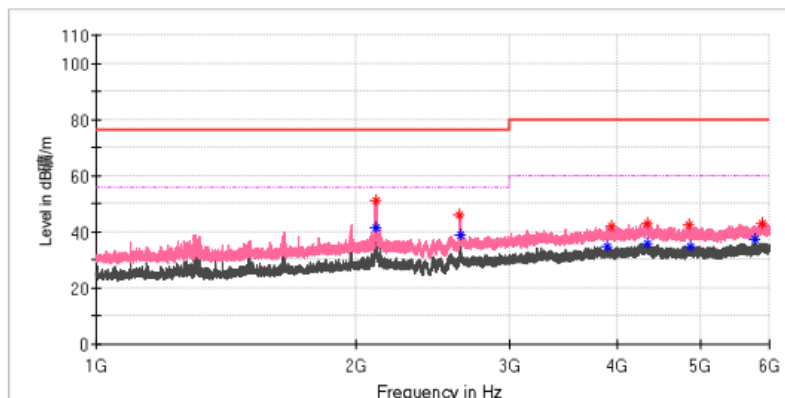
TÜV Rheinland (Shenzhen) Co., Ltd.

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Test Report

EUT Information

EUT Name:	S10Ultra RGBD Camera
Model:	LXPS-SA7A6-8CE-940A
Test Mode:	Working
Test Voltage:	DC 24V via adapter(AC 100V,60Hz for adapter input)
Standard:	EN IEC 61000-6-4
Test By:/Review By:	Junhua Sun/Charlie Zha
Tem./Hum./Pressure:	23.4°C/50.3%/101kPa
Remark:	3m SAC



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2105.625000	---	41.40	56.00	14.60	100.0	V	0.0	-6.1
2106.250000	51.21	---	76.00	24.79	100.0	V	0.0	-6.1
2630.312500	46.01	---	76.00	29.99	100.0	V	66.0	-3.4
2635.937500	---	38.90	56.00	17.10	100.0	V	304.0	-3.3
3900.937500	---	35.00	60.00	25.00	100.0	V	264.0	1.5
3942.187500	42.04	---	80.00	37.96	100.0	V	211.0	1.5
4337.187500	---	35.83	60.00	24.17	100.0	V	0.0	2.9
4339.375000	43.04	---	80.00	36.96	100.0	V	155.0	2.9
4851.875000	42.25	---	80.00	37.75	100.0	V	0.0	3.5
4859.375000	---	35.04	60.00	24.96	100.0	V	271.0	3.5
5766.562500	---	37.12	60.00	22.88	100.0	V	229.0	4.9
5876.875000	43.01	---	80.00	36.99	100.0	V	155.0	5.8

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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2026-05-11

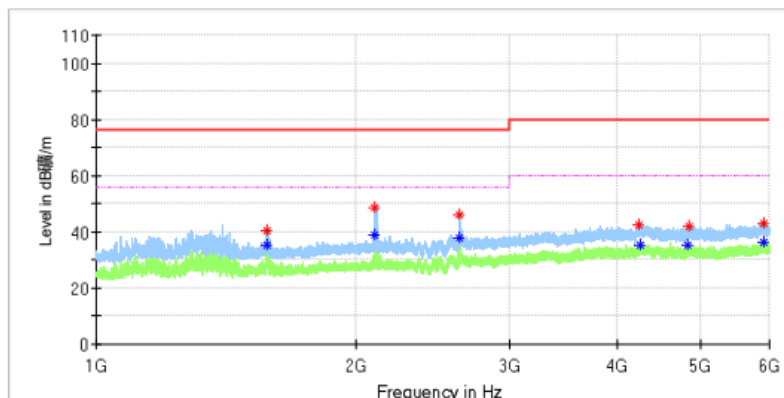
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Test Report

EUT Information

EUT Name:	S10Ultra RGBD Camera
Model:	LXPS-SA7A6-8CE-940A
Test Mode:	Working
Test Voltage:	DC 24V via adapter(AC 240V,50Hz for adapter input)
Standard:	EN IEC 61000-6-4
Test By:/Review By:	Junhua Sun/Charlie Zha
Tem./Hum./Pressure:	23.4°C/50.3%/101kPa
Remark:	3m SAC



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1575.000000	40.33	---	76.00	35.67	100.0	H	124.0	-8.2
1575.000000	---	35.49	56.00	20.51	100.0	H	124.0	-8.2
2099.687500	---	38.91	56.00	17.09	100.0	H	124.0	-6.2
2099.687500	48.72	---	76.00	27.28	100.0	H	124.0	-6.2
2624.687500	45.93	---	76.00	30.07	100.0	H	217.0	-3.4
2624.687500	---	37.97	56.00	18.03	100.0	H	217.0	-3.4
4233.750000	42.58	---	80.00	37.42	100.0	H	203.0	2.5
4252.187500	---	35.47	60.00	24.53	100.0	H	25.0	2.8
4821.250000	---	35.10	60.00	24.90	100.0	H	148.0	2.9
4851.875000	42.02	---	80.00	37.98	100.0	H	148.0	3.5
5911.562500	---	36.08	60.00	23.92	100.0	H	273.0	5.7
5914.062500	42.97	---	80.00	37.03	100.0	H	0.0	5.7

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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2026-05-11

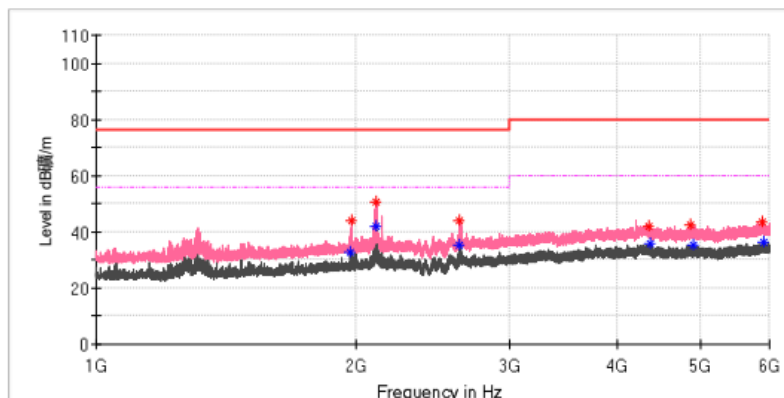
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Test Report

EUT Information

EUT Name:	S10Ultra RGBD Camera
Model:	LXPS-SA7A6-8CE-940A
Test Mode:	Working
Test Voltage:	DC 24V via adapter(AC 240V,50Hz for adapter input)
Standard:	EN IEC 61000-6-4
Test By:/Review By:	Junhua Sun/Charlie Zha
Tem./Hum./Pressure:	23.4°C/50.3%/101kPa
Remark:	3m SAC



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1970.000000	---	32.58	56.00	23.42	100.0	V	5.0	-6.2
1975.625000	43.78	---	76.00	32.22	100.0	V	241.0	-6.2
2102.812500	50.81	---	76.00	25.19	100.0	V	222.0	-6.1
2103.750000	---	41.71	56.00	14.29	100.0	V	0.0	-6.1
2626.250000	---	35.28	56.00	20.72	100.0	V	13.0	-3.4
2629.687500	43.77	---	76.00	32.23	100.0	V	13.0	-3.4
4351.562500	41.96	---	80.00	38.04	100.0	V	298.0	2.8
4365.000000	---	35.57	60.00	24.43	100.0	V	123.0	2.6
4865.000000	42.54	---	80.00	37.46	100.0	V	34.0	3.6
4906.875000	---	35.24	60.00	24.76	100.0	V	172.0	3.7
5889.062500	43.38	---	80.00	36.62	100.0	V	335.0	5.8
5898.750000	---	36.33	60.00	23.67	100.0	V	346.0	5.9

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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2026-05-11

Measurement Uncertainties

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the apparatus.

The reported expanded uncertainty of measurement is stated as the standard uncertainty of measurement multiplied by the coverage factor of $k=2$, which for a normal distribution corresponds to a coverage probability of approximately 95%.

Table 1: Measurement Uncertainty levels

Test	Parameters	Expanded uncertainty (U_{lab})	Expanded uncertainty (U_{cispr})
Conducted Emission_AMN	Level accuracy (9kHz to 150kHz) (150kHz to 30MHz)	± 3.24 dB ± 3.24 dB	± 3.8 dB ± 3.4 dB
Conducted Emission_AAN	Level accuracy (150kHz to 30MHz)_CAT3 (150kHz to 30MHz)_CAT5 (150kHz to 30MHz)_CAT6	± 3.22 dB ± 2.87 dB ± 3.10 dB	± 5.0 dB
Conducted Emission_CP	Level accuracy (150kHz to 30MHz)	± 2.80 dB	± 2.9 dB
Disturbance Power	Level accuracy (30MHz to 300MHz)	± 3.36 dB	± 4.5 dB
Electromagnetic Radiated Emission (Triple-loop)	Level accuracy (9kHz to 30MHz)	± 3.26 dB	± 3.3 dB
Radiated Emission (3m SAC)	Level accuracy (30MHz to 1000MHz)	± 4.53 dB	± 6.3 dB
	Level accuracy (1GHz- 6GHz)	± 4.44 dB	± 5.2 dB
	Level accuracy (6GHz- 18GHz)	± 4.53 dB	± 5.5 dB
Radiated Emission (10m SAC)	Level accuracy (30MHz to 1000MHz)	± 4.39 dB	± 6.3 dB
	Level accuracy (1GHz- 6GHz)	± 4.35 dB	± 5.2 dB
	Level accuracy (6GHz- 18GHz)	± 4.46 dB	± 5.5 dB
Mains Harmonic	Current	$\pm 4.60\%$	N/A
Voltage Fluctuations & Flicker	Voltage	$\pm 0.64\%$	N/A

As U_{lab} in all applicable tests listed above are less than U_{cispr} according to CISPR 16-4-2:2011+A1:2014+A2:2018,

- compliance is deemed to occur if no measured disturbance exceeds the disturbance limit;
- non-compliance is deemed to occur if any measured disturbance exceeds the disturbance limit.