Applicant	
-Company Name	SiChuan Kulun Electric Co., Ltd
-Company Address	No.586, Qinling South Road, Deyang City, Sichuan Province, China
Manufacturer	
-Company Name	Same as the applicant
-Company Address	Same as the applicant
Machinery	
-Product Name	Three-Phase Thyristor Power Controller
-Representative Model	APR3-0025
-Serial No.	See marking plate
-Rating	Main power: 260-440VAC, 3ph+PE, 50/60Hz, Rated current: 25A Control power: 100-240VAC, 1ph, 50/60Hz, 1A
-Serial Model(s)	See page 2
Verifying specification	
-standard(s):	EN 61000-6-2:2005, EN IEC 61000-6-2:2019 EN 61000-6-4:2007+A1:2011, EN IEC 61000-6-4:2019
-verification method:	Testing and engineer assessment
Possible verdicts	
-does not apply to the EUV:	N/A (Not Applicable)
-does meet the requirement:	P (Pass)
-does not meet the requirement:	F (Fail)
Date and Place of Verifying	Sep. 11, 2024 in Chengdu and Oct. 22, 2024 in Qingdao
Verification body	SGS-CSTC Industry Service-Product Certification
Result of Verification	Compliance with the requirements of above standards.
Reporting	
-Report No.:	IN-SC-5805-TF24047-E
-Verified by :(+signature)	Roxxanne Wu
-Approved by:(+signature)	Stephen Sun
-Date of issue:	Nov. 25, 2024

General remarks: The results only respond to the sample and are invalided as separately used.

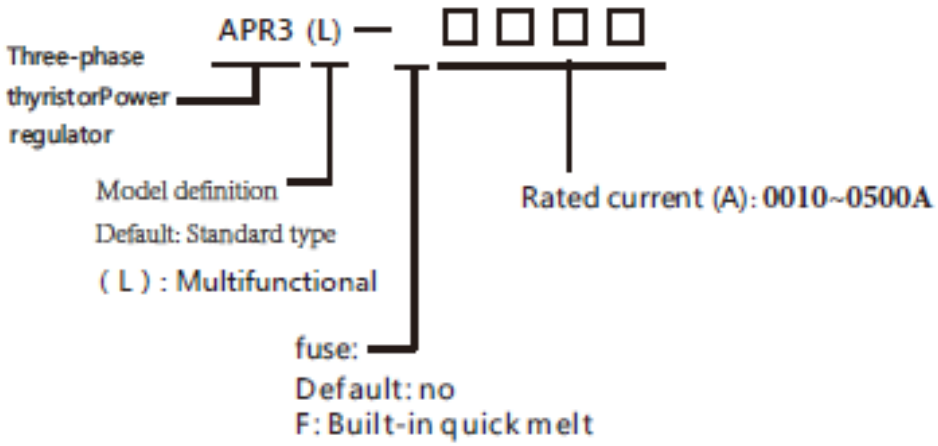
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The differences description of serial models

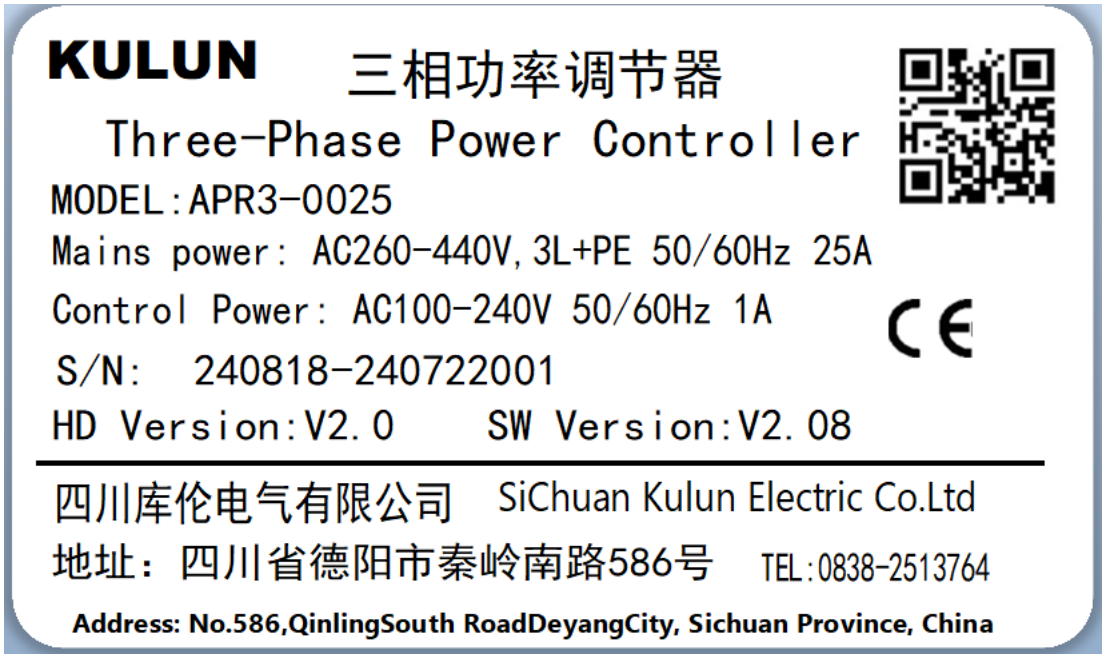
All testing evaluations in this report were based on model APR3-0025 product. All models have the same structure, only fuse, rated current, and different sizes. The differences between specific models are as follows:



Serial models

APR3-0010	APR3-0025	APR3-0040	APR3-0050	APR3-0075
APR3-0090	APR3-0100	APR3-0125	APR3-0150	APR3-0185
APR3-0200	APR3-0225	APR3-0250	APR3-0285	APR3-0300
APR3-0325	APR3-0350	APR3-0400	APR3-0450	APR3-0500
APR3-F0025	APR3-F0040	APR3-F0050	APR3-F0075	APR3-F0090
APR3-F0100	APR3-F0125	APR3-F0150	APR3-F0185	APR3-F0200
APR3-F0225	APR3-F0250	APR3-F0285	APR3-F0300	APR3-F0325
APR3-F0350	APR3-F0385	APR3-F0400	APR3-F0450	APR3-F0500
APR3L-0010	APR3L-0025	APR3L-0040	APR3L-0050	APR3L-0075
APR3L-0090	APR3L-0100	APR3L-0125	APR3L-0150	APR3L-0185
APR3L-0200	APR3L-0225	APR3L-0250	APR3L-0285	APR3L-0300
APR3L-0325	APR3L-0350	APR3L-0400	APR3L-0450	APR3L-0500
APR3L-F0010	APR3L-F0025	APR3L-F0040	APR3L-F0050	APR3L-F0075
APR3L-F0090	APR3L-F0100	APR3L-F0125	APR3L-F0150	APR3L-F0185
APR3L-F0200	APR3L-F0225	APR3L-F0250	APR3L-F0285	APR3L-F0300
APR3L-F0325	APR3L-F0350	APR3L-F0385	APR3L-F0450	APR3L-F0500

Copy of marking plate



1 Test Summary

Test	Test Requirement	Test Method	Class/Severity	Result
Electromagnetic interference (EMI)				
Conducted Emission, 150kHz-30MHz	EN 61000-6-4:2007 +A1:2011 EN IEC 61000-6-4:2019	CISPR 16-2-1:2017	Table 1 of EN 61000-6-4:2007 Table 4 of EN IEC 61000-6-4:2019	Passed
Radiated Emission, 30MHz-1GHz	EN 61000-6-4:2007 +A1:2011 EN IEC 61000-6-4:2019	CISPR 16-2-3:2016	Table 1 of EN 61000-6-4:2007 Table 3 of EN IEC 61000-6-4:2019	Passed*
Electromagnetic Susceptibility (EMS)				
Electrostatic discharge immunity (ESD)	EN 61000-6-2:2005 EN IEC 61000-6-2:2019	IEC 61000-4-2:2008	Contact discharge ±4kV Air discharge ±8kV Performance Criterion: B	Passed
Radio-frequency electromagnetic field Immunity (RS)	EN 61000-6-2:2005 EN IEC 61000-6-2:2019	IEC 61000-4-3:2006+A1: 2007+A2:2010	80MHz-1GHz 10V/m, 80%AM(1kHz) Performance criterion: A 1.4-6.0GHz 3V/m, 80%AM(1kHz) Performance criterion: A	Passed
Electrical fast transient immunity on AC power port (EFT)	EN 61000-6-2:2005 EN IEC 61000-6-2:2019	IEC 61000-4-4:2012	±2kV (Open circuit test voltage) 5/50 Tr/Th ns 5 kHz (Repetition frequency) Performance Criterion: B	Passed
Surges immunity on AC power port	EN 61000-6-2:2005 EN IEC 61000-6-2:2019	IEC 61000-4-5:2014	1,2/50 (8/20) Tr/Th µs Line to earth: ±2 kV (open circuit test voltage) Line to Line: ±1 kV (open circuit test voltage) Performance Criterion: B	Passed
Immunity to conducted disturbances on AC power port (CS)	EN 61000-6-2:2005 EN IEC 61000-6-2:2019	IEC 61000-4-6:2013 +Cor1:2015	0,15 to 80 MHz 10V 80% AM (1kHz) Performance Criterion A	Passed
Power-frequency Magnetic Fields Immunity	EN 61000-6-2:2005 EN IEC 61000-6-2:2019	IEC 61000-4-8:2009	50,60Hz 30A/m Performance Criterion A	Passed

(PFM)				
Voltage dips	EN 61000-6-2:2005 EN IEC 61000-6-2:2019	IEC 61000-4-11:2020	0% residual voltage: 1 Cycle Performance criterion: B 40% residual voltage: 10 Cycle at 50Hz 12 Cycle at 60Hz Performance criterion: C 70% residual voltage: 25 Cycle at 50Hz 30 Cycle at 60Hz Performance criterion: C	Passed
Voltage interruptions	EN 61000-6-2:2005 EN IEC 61000-6-2:2019	IEC 61000-4-11:2020	0% residual voltage: 250 Cycle at 50Hz 300 Cycle at 60Hz Performance criterion: C	Passed
Remark: * If the highest internal frequency of the EUT is less than 108 MHz, the measurement shall only be made up to 1 GHz.				

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3 General Information

3.1 Client Information

Applicant : Refer to page 1
Address : Refer to page 1
Manufacturer : Refer to page 1
Address of Manufacturer : Refer to page 1

3.2 General Description of EUT

Product Name : Refer to page 1
Model No. : Refer to page 1

3.3 Details of EUT

Rating Voltage : Mains power: 260V-440VAC, 3ph+PE, 50/60Hz
Control power: 100-240VAC, 1ph, 50/60Hz
Rating Current : Mains power: 25A
Control power: 1A
Operation Mode : On with normal operation
Remarks : None

3.4 Description of support units

The EUT has been tested as an independent unit.

3.5 Deviation from standards

None

3.6 Abnormalities from standard conditions

None

3.7 Monitoring or EUT for all immunity test

Audio: N/A
Visual: Screen display and indicators
Check the EUT function after test, all related function must be normal as intended use.

3.8 Noise Generating and Noise Suppressing Parts

None

3.9 Test Location

The test was executed on laboratory.
Laboratory 1: Chengdu Morlab Testing Technology Co., Ltd
Address 1: 1f, building7, No.7 South 1st Road, Keyuan, Hi tech Zone, Chengdu

Laboratory 2： Qingdao Product Quality Testing Research Institute
Address 2： No.173 Shenzhen Road, Laoshan District, Qingdao China

3.10 Submitted Documents

Refer to TCF files

3.11 Test Facility

SGS-CSTC Standards Technical Services Co., Ltd.
SGS Center, Qingdao, China, 266101

The performed tests in laboratory have been conducted by
“Chengdu Morlab Testing Technology Co., Ltd” and “Qingdao Product Quality Testing Research Institute”, under supervision of SGS-CSTC’s engineer.

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 emission level. The test conditions were adapted accordingly in reference to the instructions for use.

Refer to the related paragraph.

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

Refer to the related paragraph.

4.2 Physical Configuration for Testing

Refer to related paragraph of this report.

4.3 Test Operation and Test Software

Refer to the related paragraph of this report. No software was used.

4.4 Special Accessories and Auxiliary Equipment

None

4.5 Countermeasures to achieve EMC Compliance

1. Add a filter at power line.
2. Replace the sealing plate on the power input side.

5 Equipment list

Equipment	Model	Manufacturer	Serial No.	Cal. Until
Conducted Emission (CE)				
Receiver	ESR3	Rohde&Schwarz	102936	2025.06.06
Receiver	ESR	Rohde&Schwarz	1316.3003K03-101902-hF	2024/10/19
LISN	NNLK 8129 RC	Schwarzbeck	5220	2026.03.23
LISN	ENV216	Rohde&Schwarz	100111	2025/10/9
Radiated Emission (RE)				
Receiver	ESR7	Rohde&Schwarz	102522	2025.06.06
Trilog broadband antenna	VULB 9163	Schwarzbeck	1547	2026.02.05
Radio-frequency electromagnetic field Immunity (RS)				
RF Generator	SMCV100B	Rohde&Schwarz	104770	2025.06.27
Power meter	NRX	Rohde&Schwarz	106157	2025.06.10
Log Periodic Antenna	HL046E	Rohde&Schwarz	104474	2025.06.10
Log Periodic Antenna	SWB-STLP9149A M9144	Rohde&Schwarz	100062	2025.11.5
Power Amplifier	BBA150-BC1000	Rohde&Schwarz	101168	2025.09.09
Power Amplifier	BBA150-D400+E200	Rohde&Schwarz	101183	2025.09.09
Electrostatic Discharge Immunity (ESD)				
ESD Generator	ESD 30N	EM TEST	P1427135922	2024.11.22
Fast transients Immunity (EFT & Surge)				
EFT Generator	UCS500N7	EM TEST	P1640185055	2025.09.09
CDN	CNI503B7.6	EM TEST	P1716196259	2025.09.09
Immunity to conducted disturbances (CS)				
CS integrated machine	NSG4070C-80	TESEQ	58376	2025.09.09
CDN	CDN M2-100S	EM TEST	0900-17	2025.09.09
Power-frequency magnetic field Immunity (PFM)				
Immunity interference signal simulator	UCS500N7	EM TEST	P1640185055	2025.09.09
Automatic voltage regulator	MV2616	EM TEST	0799-22	2025.09.19
Field coil	MS100	EM TEST	91-155-50	2025.09.12
Current transformer	MC26100	EM TEST	65B5019	2025.09.12
Voltage dip and short interruptions				
Three-phase multi-function AC/DC power supply	PFS 503N32.2	EM TEST	P1901225758	2025.09.09

6 Emission Test results

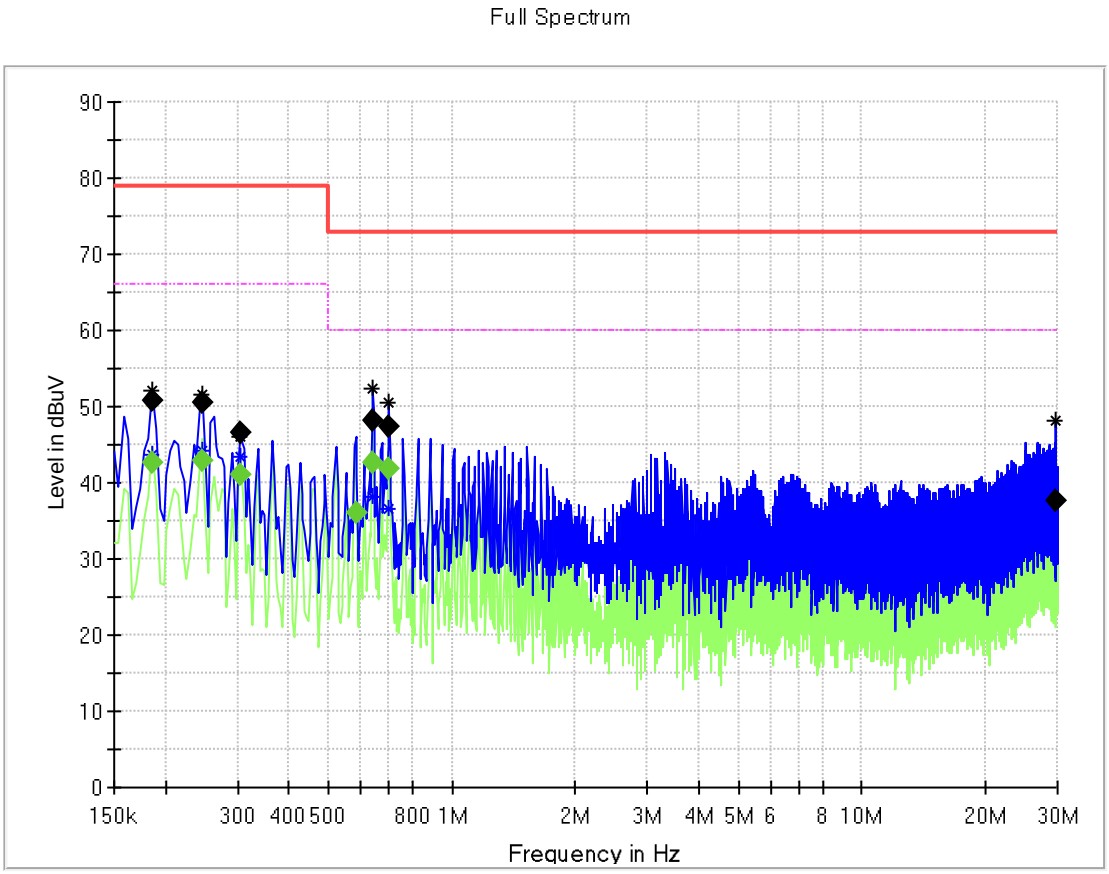
6.1 Conducted Emission, 150kHz-30MHz

RESULT	:	**PASS**
Date of testing	:	Sep. 11, 2024
Ambient temperature	:	16.6℃
Relative humidity	:	39%
Reference standard	:	EN 61000-6-4:2007+A1:2011, EN IEC 61000-6-4:2019
Test procedure	:	CISPR 16-2-1:2017
Frequency range	:	150kHz-30MHz
Operation mode	:	On with normal operation

The following spectral diagrams display the measurement of peak values (Blue curve) and average data (Green curve).

Disturbances other than those mentioned are small or not detectable

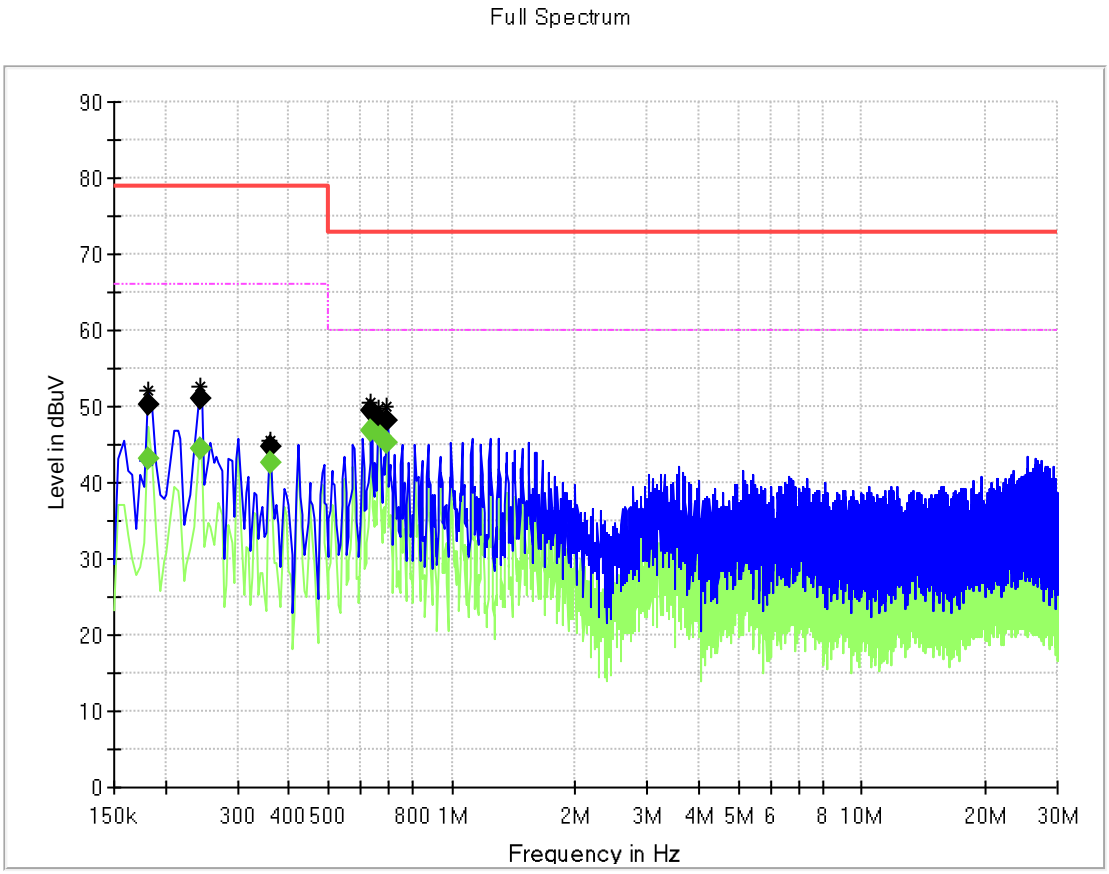
Figure 1: Spectral diagram, Conducted Emission, 150kHz-30MHz, AC 230V, Line L



Final measurement result

No.	Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dBuV)
1	0.186000	---	42.62	66.00	23.38
2	0.186000	50.76	---	79.00	28.24
3	0.246000	---	42.86	66.00	23.14
4	0.246000	50.42	---	79.00	28.58
5	0.306000	46.49	---	79.00	32.51
6	0.306000	---	40.97	66.00	25.03
7	0.582000	---	36.08	60.00	23.92
8	0.642000	48.09	---	73.00	24.91
9	0.642000	---	42.72	60.00	17.28
10	0.702000	47.32	---	73.00	25.68
11	0.702000	---	41.87	60.00	18.13
12	29.762000	37.56	---	73.00	35.44

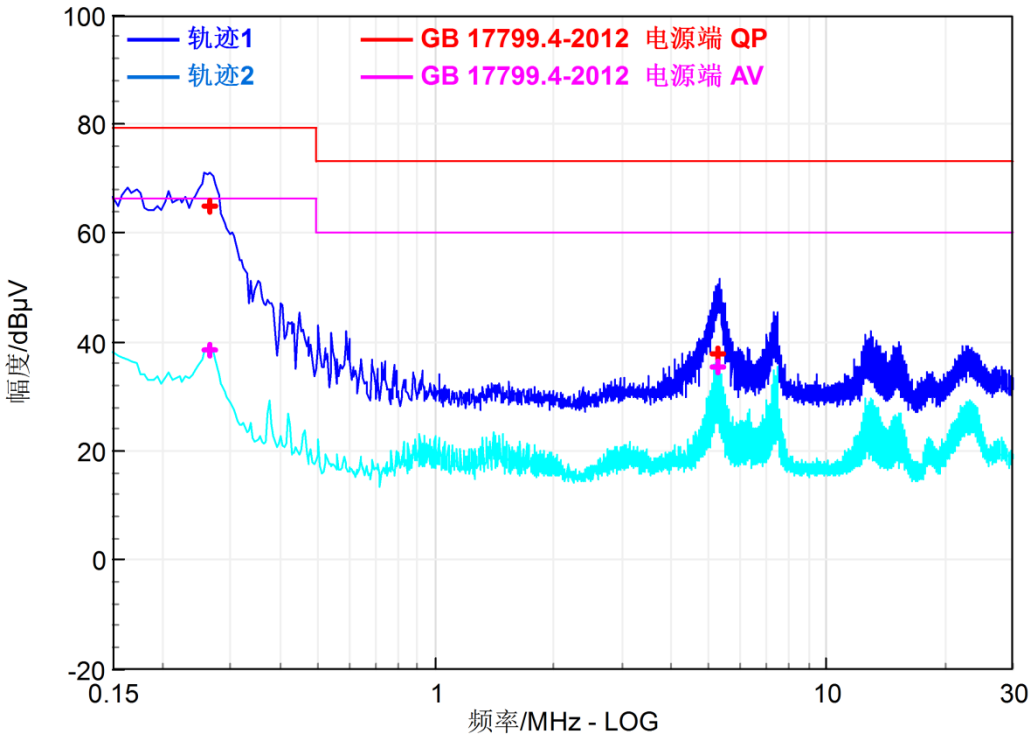
Figure 2: Spectral diagram, Conducted Emission, 150kHz-30MHz, AC 230V, Line N



Final measurement result

No.	Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dBuV)
1	0.182000	---	43.26	66.00	22.74
2	0.182000	50.19	---	79.00	28.81
3	0.242000	---	44.35	66.00	21.65
4	0.242000	51.09	---	79.00	27.91
5	0.362000	---	42.66	66.00	23.34
6	0.362000	44.86	---	79.00	34.14
7	0.634000	49.41	---	73.00	23.59
8	0.634000	---	46.75	60.00	13.25
9	0.662000	48.55	---	73.00	24.45
10	0.666000	---	45.97	60.00	14.03
11	0.694000	---	45.37	60.00	14.63
12	0.694000	48.16	---	73.00	24.84

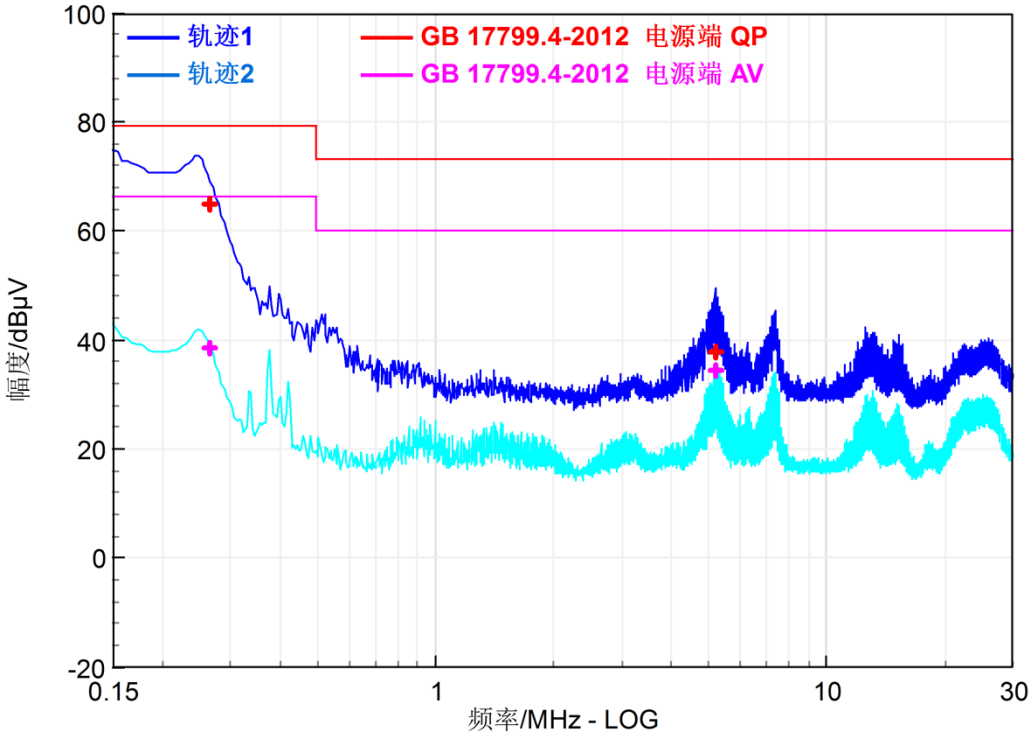
Figure 3: Spectral diagram, Conducted Emission, 150kHz-30MHz, AC 380V, Line L1



Final measurement result

No.	Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dBuV)
1	0.267	64.7	---	79.00	14.3
2	5.289	37.81	---	73.00	35.19
3	0.267	---	38.22	66.00	27.78
4	5.262	---	35.16	60.00	24.84

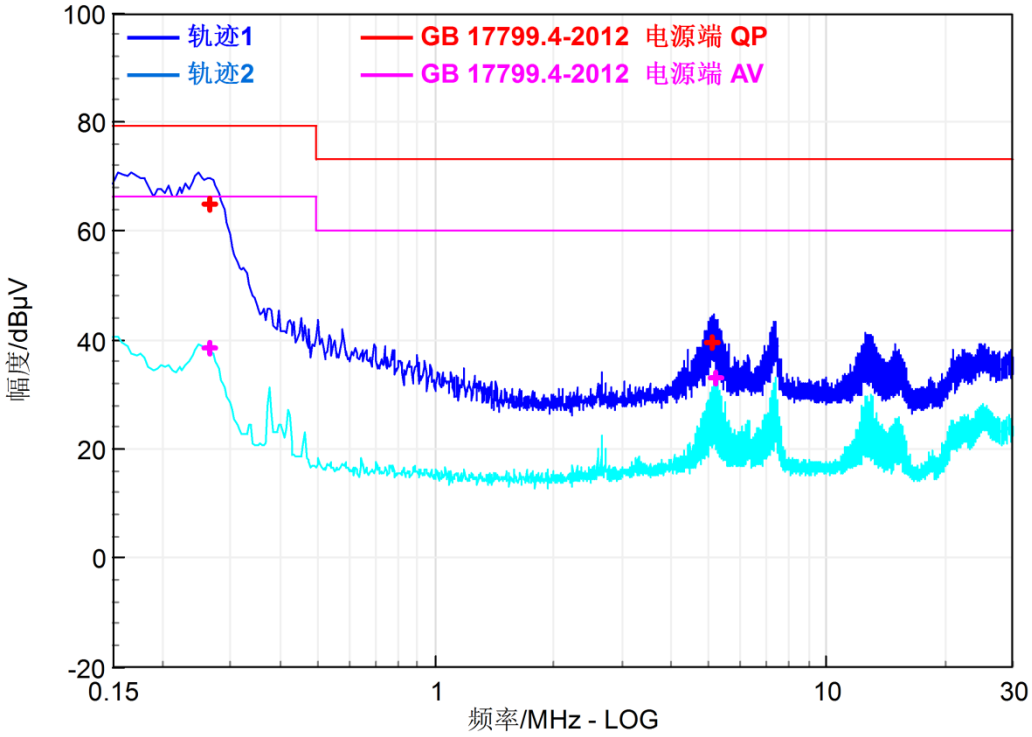
Figure 4: Spectral diagram, Conducted Emission, 150kHz-30MHz, AC 380V, Line L2



Final measurement result

No.	Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dBuV)
5	0.267	64.71	---	79.00	14.29
6	5.217	37.82	---	73.00	35.18
7	0.267	---	38.2	66.00	27.8
8	5.2125	---	34.17	60.00	25.83

Figure 5: Spectral diagram, Conducted Emission, 150kHz-30MHz, AC 380V, Line L3



Final measurement result

No.	Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dBuV)
1	0.267	64.76	---	79.00	14.24
2	5.0955	39.24	---	73.00	33.76
3	0.267	---	38.23	66.00	27.77
4	5.217	---	32.85	60.00	27.15

6.2 Radiated Emission, 30MHz to 1GHz

RESULT	:	**PASS**
Date of testing	:	Sep. 11, 2024
Ambient temperature	:	23.2℃
Relative humidity	:	56%
Reference standard	:	EN 61000-6-4:2007 +A1:2011, EN IEC 61000-6-4:2019
Test procedure	:	CISPR 16-2-3:2016
Frequency range	:	30MHz-1GHz
Operation mode	:	On with normal operation
Test distance	:	3m

For 30MHz to 1GHz limited value of EN 61000-6-4:
Due to the local physical constraints, radiated emission measurements were carried out at the above distance from the EUT. The 10 meters limits of the CISPR11 standard were therefore extrapolated according to the following relationship:

$$\text{Extrapolation in dB} = 20*\text{Log}\frac{\text{Specification Distance}}{\text{Actual Distance}}$$

(Example:)

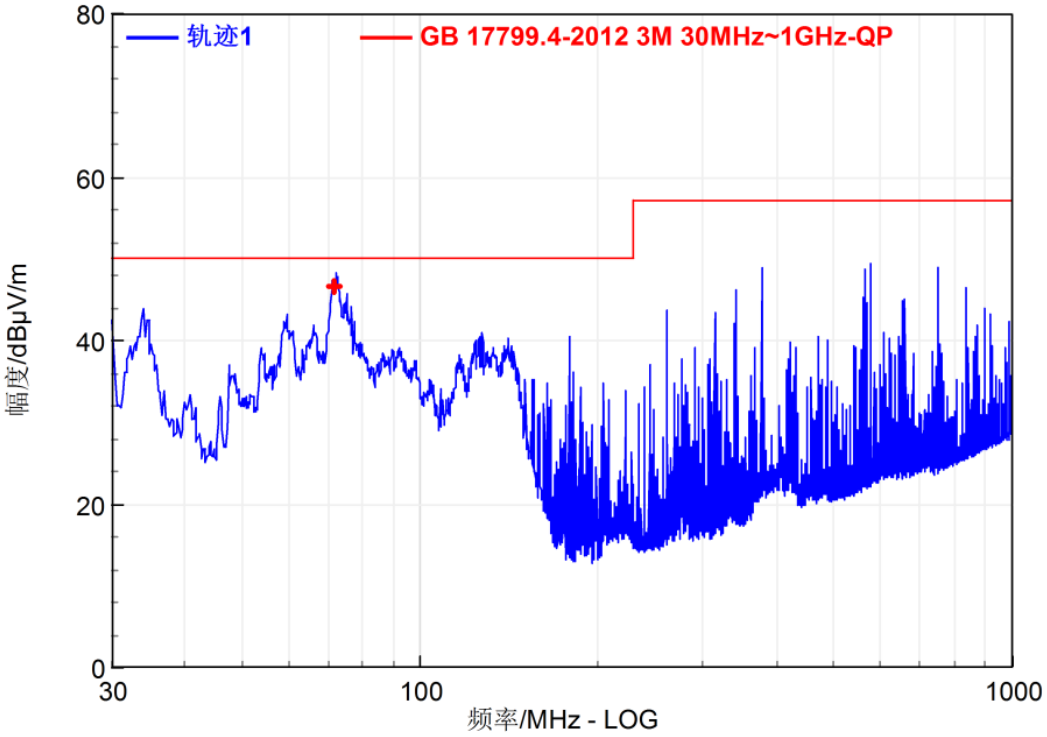
$$\text{Correction for 3m} = 20*\text{Log}\frac{10\text{ meters}}{3\text{ meters}}$$

$$= 10\text{dB}$$

(i.e. the 40dBuV/m / 47dBuV/m limit becomes 50dBuV/m / 57dBuV/m)

Disturbances other than those mentioned are small or not detectable.

Figure 6: Spectral diagram, Radiated Emission, 30MHz to 1GHz



Final measurement result

No.	Frequency (MHz)	QuasiPeak (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Pol
1	72.0744	46.55	3.45	50.00	V

7 Immunity Test Results

7.1 Test result immunity

During the immunity tests, the EUT was operated under conditions specified by this report.

The particular performance criterion for the immunity tests is as listed as follows:
Performance criterion for immunity test against electromagnetic radiation

a) Performance criterion A: The apparatus shall continue to operate as intended during and after the test. No degradation of performance or loss of function is allowed below a performance level specified by the manufacturer, when the apparatus is used as intended. The performance level may be replaced by a permissible loss of performance. If the minimum performance level or the permissible performance loss is not specified by the manufacturer, either of these may be derived from the product description and documentation and what the user may reasonably expect from the apparatus if used as intended.

b) Performance criterion B: The apparatus shall continue to operate as intended after the test. No degradation of performance or loss of function is allowed below a performance level specified by the manufacturer, when the apparatus is used as intended. The performance level may be replaced by a permissible loss of performance. During the test, degradation of performance is however allowed. No change of actual operating state or stored data is allowed. If the minimum performance level or the permissible performance loss is not specified by the manufacturer, either of these may be derived from the product description and documentation and what the user may reasonably expect from the apparatus if used as intended.

c) Performance criterion C: Temporary loss of function is allowed, provided the function is self-recoverable or can be restored by the operation of the controls.

7.2 Continuous Disturbances

7.2.1 Radio-frequency Electromagnetic Fields Immunity (RS)

RESULT	**:**	**PASS**
Date of testing	:	Oct. 22, 2024
Ambient temperature	:	18.6℃
Relative humidity	:	39%
Reference standard	:	EN 61000-6-2:2005, EN IEC 61000-6-4:2019
Test procedure	:	IEC 61000-4-3:2006+A1:2007+A2:2010
Frequency	:	80MHz-1GHz 1.4GHz-6.0GHz
Modulation	:	AM 80% 1kHz
Test level	:	10V/m for 80MHz-1GHz 3V/m for 1.4GHz-6.0GHz
Operation mode	:	On with normal operation
Performance criterion	:	A

Test Results:

Frequency	Level	Modulation	Dwell time	Test Mode	Antenna Polarization	EUT Face	Result/ Observations
80MHz-1.0GHz	10V/m	1kHz, 80%Amp. Mod, 1% increment	3s	On with normal operation	V	Front	Passed
					H		Passed
					V	Rear	Passed
					H		Passed
					V	Left	Passed
					H		Passed
					V	Right	Passed
					H		Passed
1.4GHz-6.0GHz	3V/m				V	Front	Passed
					H		Passed
					V	Rear	Passed
					H		Passed
					V	Left	Passed
					H		Passed
					V	Right	Passed
					H		Passed

7.2.2 Immunity to conducted disturbances (CS)

RESULT	:	**PASS**
Date of testing	:	Oct. 22, 2024
Ambient temperature	:	18.6℃
Relative humidity	:	39%
Reference standard	:	EN 61000-6-2:2005, EN IEC 61000-6-2:2019
Test procedure	:	IEC 61000-4-6:2013+Cor1:2015
Severity level	:	10V
Source impedance	:	150Ω
Frequency	:	150kHz - 80MHz
Modulation	:	AM 80%, 1kHz sinewave
Sweep mode	:	Automatic
Sweep rate	:	1%, 3s dwell time
Operation mode	:	On with normal operation
Performance criterion	:	A

Test Results:

Coupling port	Coupling method	Result	Remarks
Input AC power port	Coupling/decoupling network	Passed	equipment operated as intended, no degradation of function

7.2.3 Power-frequency Magnetic Fields Immunity

RESULT	:	**PASS**
Date of testing	:	Oct. 22, 2024
Ambient temperature	:	18.6℃
Relative humidity	:	39%
Reference standard	:	EN 61000-6-2:2005, EN IEC 61000-6-2:2019
Test procedure	:	IEC 61000-4-8:2009
Severity level	:	30A/m
Field orientation	:	X, Y, Z axial
Frequency	:	50Hz, 60Hz
Operation mode	:	On with normal operation
Performance criterion	:	A

Test Results:

Coupling port	Duration	Result	Remarks
Enclosure	60s	Passed	equipment operated as intended, no degradation of function

7.3 Transient Disturbances

7.3.1 Electrical Fast Transients Immunity (EFT)

RESULT	:	**PASS**
Date of testing	:	Oct. 22, 2024
Ambient temperature	:	18.6℃
Relative humidity	:	39%
Reference standard	:	EN 61000-6-2:2005, EN IEC 61000-6-2:2019
Test procedure	:	IEC 61000-4-4:2012
Severity level	:	±2kV
Test duration	:	2min
Operation mode	:	On with normal operation
Performance criterion	:	B

Test Results:

Coupling port	Coupling method	Test voltage	Result	Remarks
Input AC power port	Coupling / decoupling network	±2kV	Passed	Equipment operated as intended, no degradation of function

7.3.2 Surges Immunity

RESULT	:	**PASS**
Date of testing	:	Oct. 22, 2024
Ambient temperature	:	18.6℃
Relative humidity	:	39%
Reference standard	:	EN 61000-6-2:2005, EN IEC 61000-6-2:2019
Test procedure	:	IEC 61000-4-5:2014
Severity level	:	±1kV (line to line) ±2kV (line to earth)
Source impedance	:	2Ω(differential mode) 12Ω (common mode),
Number of surges	:	5
Repetition rate	:	max. 1/min
Operation mode	:	On with normal operation
Performance criterion	:	B

Test Results:

Coupling port	Test voltage	Coupling phase	Result	Remarks
Input AC power ports	Line-line: ±1kV Line-Earth: ±2kV	0°, 90°, 180°, 270°	Passed	equipment operated as intended, no degradation of function

7.3.3 Voltage dip and Short interruptions

RESULT	:	**PASS**
Date of testing	:	Oct. 22, 2024
Ambient temperature	:	18.6℃
Relative humidity	:	39%
Reference standard		EN 61000-6-2:2005, EN IEC 61000-6-2:2019
Test procedure	:	IEC 61000-4-11:2020
Severity level & Performance criterion	:	0% residual voltage: 1 Cycle Performance criterion: B 40% residual voltage: 10 Cycles at 50Hz, 12 Cycles at 60Hz Performance criterion: C 70% residual voltage: 25 Cycles at 50Hz, 30 Cycles at 60Hz Performance criterion: C 0% residual voltage: 250 Cycles at 50Hz, 300 Cycles at 60Hz Performance criterion: C
Operation mode	:	On with normal operation
Remark	:	Voltage shift at zero crossing

Coupling port	% residual voltage [V]	Reduction time [period]	Criterion	Result	Remarks
AC mains	0% (Voltage Dip)	20ms (1 Cycle)	A	Passed	Equipment operated as intended, no degradation of function
	40% （Voltage Dip)	200ms (10/12 Cycles)	B	Passed	Equipment operated degraded, automatically restored normal work after test
	70% (Voltage Dip)	500ms (25/30 Cycles)	B	Passed	Equipment operated degraded, automatically restored normal work after test
	0% (Short Interruption)	5s (250/300 Cycles)	C	Passed	Equipment was powered off and need to be restored manually.

7.3.4 Electrostatic Discharge Immunity (ESD)

RESULT	:	**PASS**
Date of testing	:	Oct. 22, 2024
Ambient temperature	:	18.6℃
Relative humidity	:	39%
Atmospheric pressure	:	102.4kPa
Reference standard	:	EN 61000-6-2:2005, EN IEC 61000-6-2:2019
Test procedure	:	IEC 61000-4-2:2008
Severity level	:	2 (± 4kV) (contact discharge) 3 (± 8kV) (air discharge)
Number of discharges	:	10
Performance criterion	:	B

Test Results:

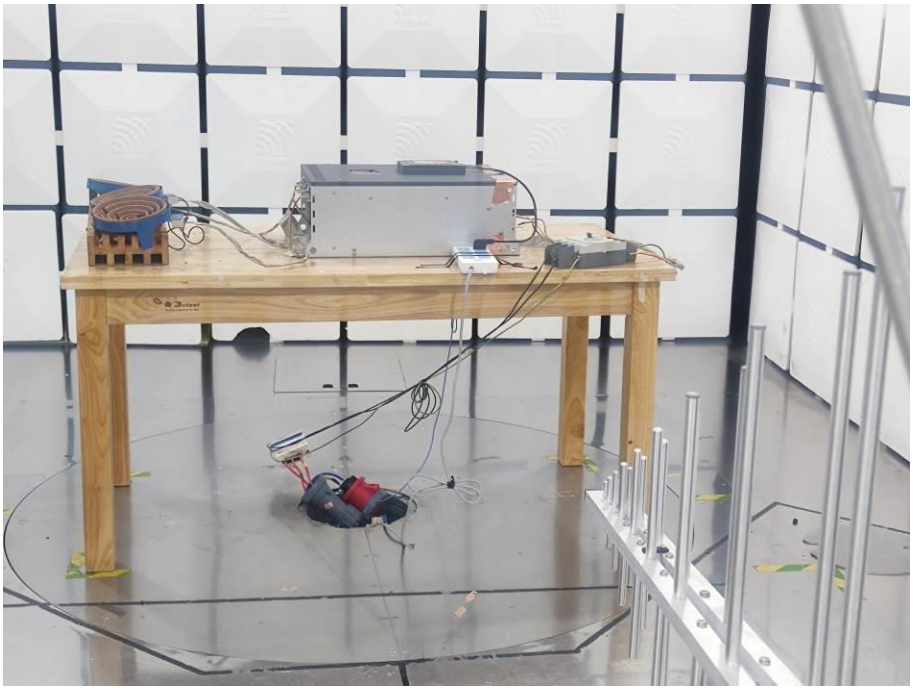
Coupling port	Test voltage	Result	Remarks
Enclosure(conductive), screws	Contact (±4kV)	Passed	equipment operated as intended, no degradation of function
Enclosure(non-conductive), screen, indicators, buttons	Air (±8kV)	Passed	equipment operated as intended, no degradation of function
HCP, VCP	Indirective discharge(±4kV)	Passed	equipment operated as intended, no degradation of function

8 Photographs

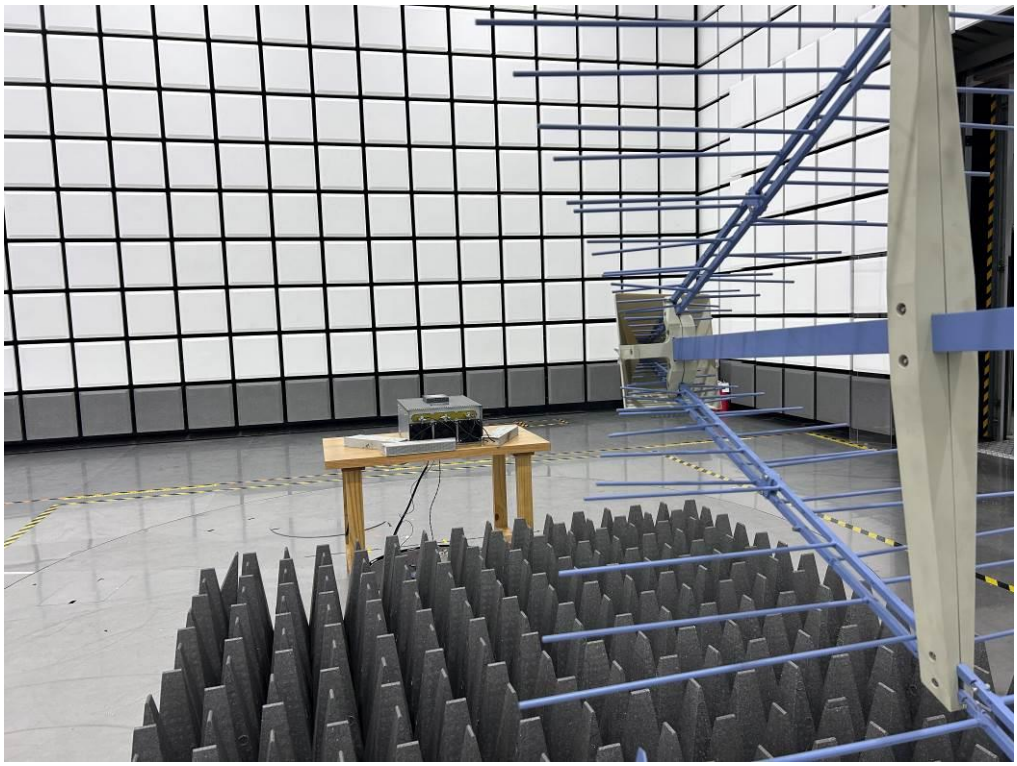
Photograph 1: Set-up for Conducted Emission on AC power port



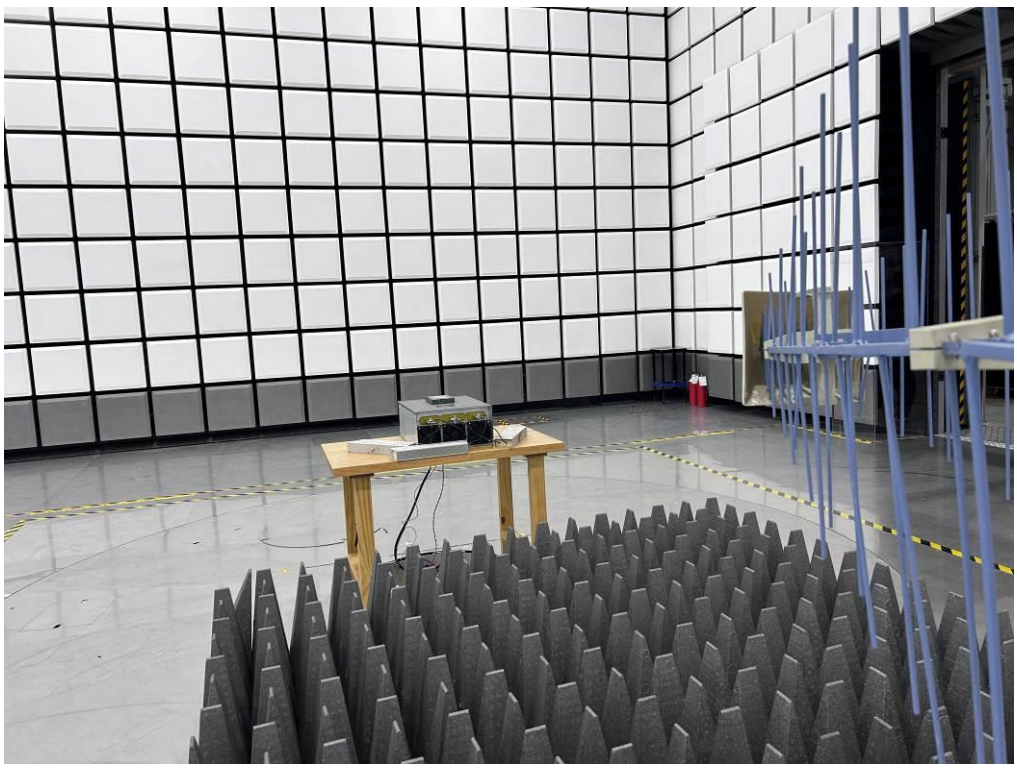
Photograph 2: Set-up for Radiated Emission, 30MHz-1GHz



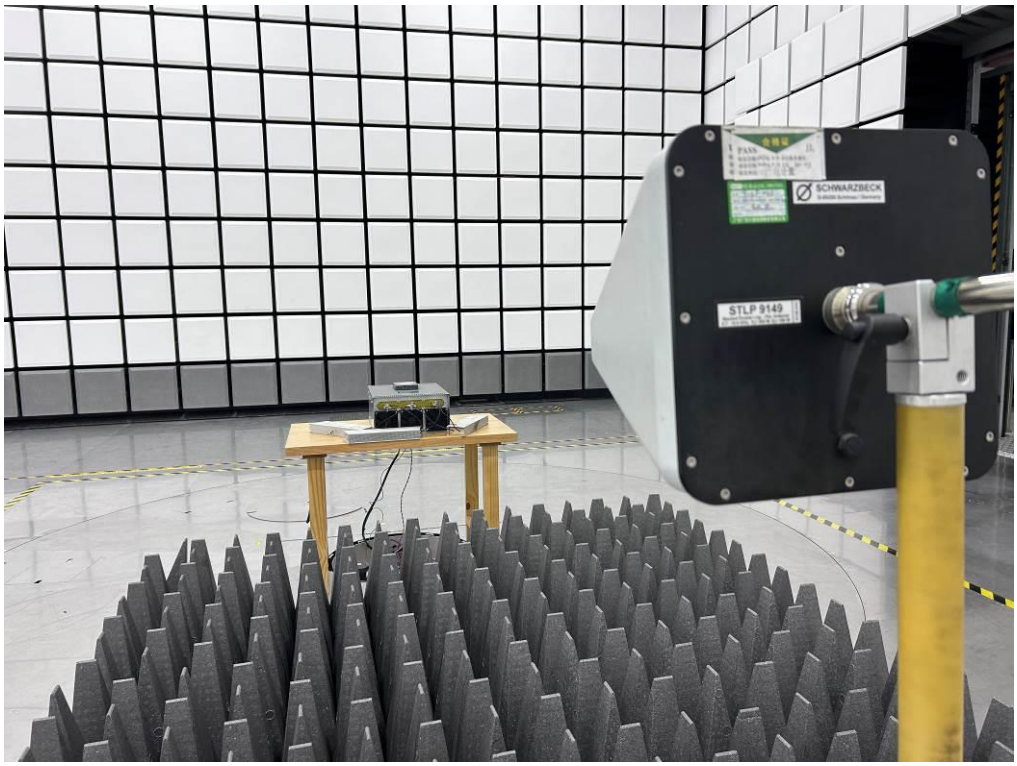
Photograph 3: Set-up for Radio-Frequency Electromagnetic Fields Immunity, 30MHz-1GHz, Horizontal polarization



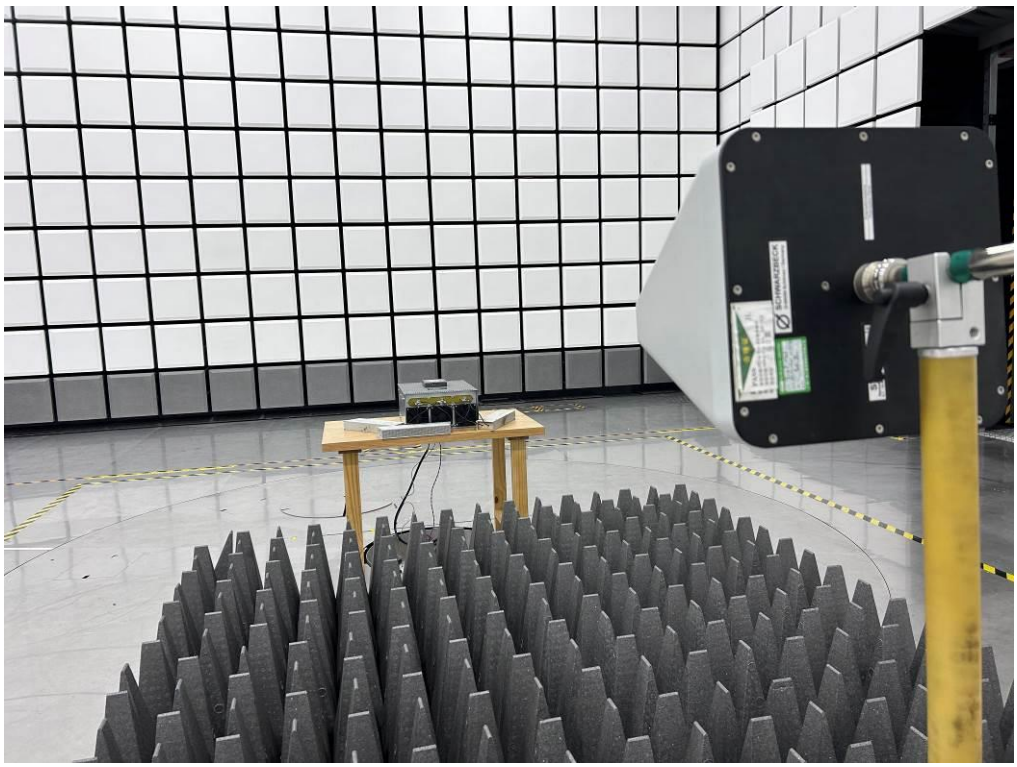
Photograph 4: Set-up for Radio-Frequency Electromagnetic Fields Immunity, 30MHz-1GHz, Vertical polarization



Photograph 5: Set-up for Radio-Frequency Electromagnetic Fields Immunity, 1GHz-6GHz, Horizontal polarization



Photograph 6: Set-up for Radio-Frequency Electromagnetic Fields Immunity, 1GHz-6GHz, Vertical polarization



Photograph 7: Set-up for Immunity to Conducted Disturbances on AC 380V power port



Photograph 8: Set-up for Immunity to Conducted Disturbances on AC 220V power port



Photograph 9: Set-up for Power Frequency Magnetic Field immunity



Photograph 10: Set-up for Fast Transient Burst and Surge immunity on AC 380V power port



Photograph 11: Set-up for Fast Transient Burst and Surge immunity on AC 220V power port



Photograph 12: Set-up for Electrostatic Discharge, Contact discharge



Photograph 13: Set-up for Voltage dip and short interruptions, AC 380V power port

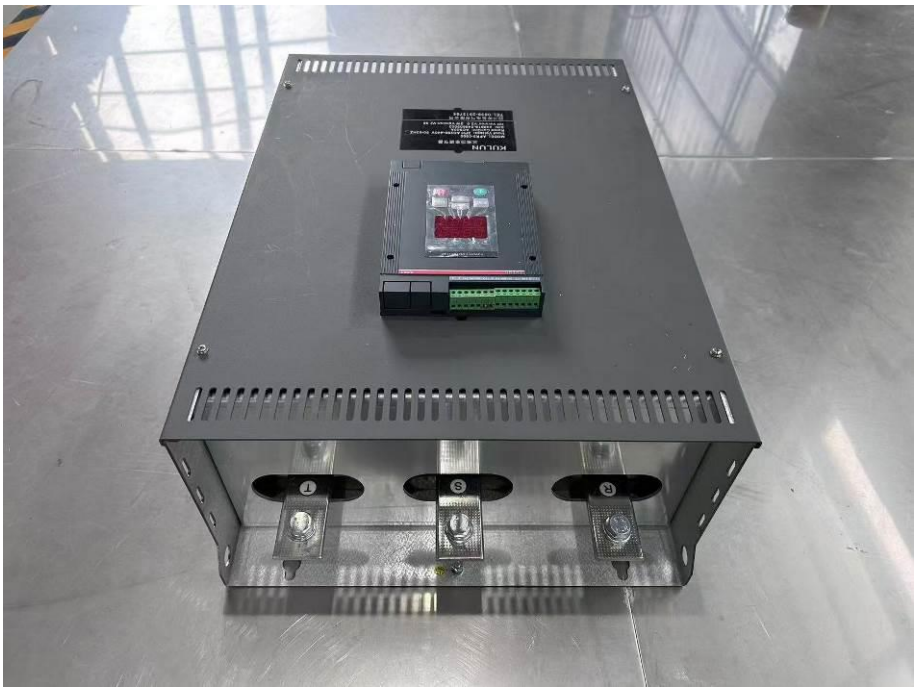


Photograph 14: Set-up for Voltage dip and short interruptions, AC 220V power port



9 EUT Photographs

Photograph 15: the front view of EUT



Photograph 16: the right view of EUT



Photograph 17: the front view of EUT



*****END OF THE REPORT*****