Technical Compliance Statement

For the following information **Ref. File No.: C1M2504070 (C1M2407182)**

Product Type	:	AC-DC Power Supply
Product Name	:	CCR550PSYY-XXXXXXXX
Model Number	:	CCR550PSYY-XXXXXXXX ("YY" can be 12, 15, 24, 28, 30, 36, 48, 54. "XXXXXXXX" can be any alphanumeric or blank for market purpose only.)
Brand	:	XP Power
Applicant	:	XP Power Limited
Standards	:	

EN 60601-1-2:2015 +A1:2021 (IEC 60601-1-2:2014 +A1:2020)
Emission: CISPR 11:2015 +A1:2016 +A2:2019, Class B
EN 55011:2016 +A11:2020, Class B
EN IEC 61000-3-2:2019+A2:2024,
EN 61000-3-3:2013 +A1:2019+A2:2021 +AC:2022
Immunity: IEC 61000-4-2:2008, IEC 61000-4-3:2020,
IEC 61000-4-4:2012, IEC 61000-4-5:2014 +A1:2017,
IEC 61000-4-6:2023, IEC 61000-4-8:2009,
IEC 61000-4-11:2020, IEC 61000-4-39:2017

We, Audix Technology Corporation., EMC Department hereby certify that the above equipment has been tested by us and found compliance with the requirement of the above listed standards.
The test data, evaluation methods, and EUT configurations described herein truly and accurately reflect the EMC characteristics of the sample, which are contained in the test report EM-E250201.
Signature

Alex Deng/Manager
Date: 2025. 04. 24

Test Laboratory:
Audix Technology Corporation, EMC Department
ISO/IEC 17025 Accreditation: TAF 1724
Web Site: www.audixtech.com

The statement is based on a single evaluation of one sample of the above-mentioned products. It does not imply an an assessment of the whole production and does not permit the use of the test lab logo.

TEST REPORT

Product Type: AC-DC Power Supply

Product Name: CCR550PSYY-XXXXXXXX

Model Number: CCR550PSYY-XXXXXXXX

("YY" can be 12, 15, 24, 28, 30, 36, 48, 54. "XXXXXXXX" can be any alphanumeric or blank for market purpose only.)

Brand: XP Power

Applicant for:

XP Power Limited
19 Tai Seng Ave, #07-01, Singapore 534054, Singapore

Prepared by:

Audix Technology Corporation, EMC Department
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City 244, Taiwan

File No.	:	C1M2504070(C1M2407182)
Report No.	:	EM-E250201
Date of Report	:	2025. 04. 24

The statement is based on a single evaluation of one sample of the above-mentioned products. It does not imply an assessment of the whole production and does not permit the use of the test lab logo.
The report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the U.S. Government.

Test Report

Applicant	:	XP Power Limited
EUT Description	:	AC-DC Power Supply
(1) Product Type	:	CCR550PSYY-XXXXXXXX
(2) Product Name	:	CCR550PSYY-XXXXXXXX
(3) Model Number	:	("YY" can be 12, 15, 24, 28, 30, 36, 48, 54. "XXXXXXXX" can be any alphanumeric or blank for market purpose only.)
(4) Brand	:	XP Power
(5) Power Rating	:	85-264Vac

Applicable Standards:

EN 60601-1-2:2015 +A1:2021 (IEC 60601-1-2:2014 +A1:2020)
Emission: CISPR 11:2015 +A1:2016 +A2:2019, Class B
EN 55011:2016 +A11:2020, Class B
EN IEC 61000-3-2:2019+A2:2024,
EN 61000-3-3:2013 +A1:2019+A2:2021 +AC:2022
Immunity: IEC 61000-4-2:2008, IEC 61000-4-3:2020,
IEC 61000-4-4:2012, IEC 61000-4-5:2014 +A1:2017,
IEC 61000-4-6:2023, IEC 61000-4-8:2009,
IEC 61000-4-11:2020, IEC 61000-4-39:2017

The device described above was tested by Audix Technology Corporation to determine the maximum emission levels emanating from the device, its ensured severity levels, and performance criterion. All of the tests were requested by the applicant and the results thereof based upon the information that the applicant provided to us. We, Audix Technology Corporation assumes full responsibility for the accuracy and completeness of these measurements. Also, this report shows that the EUT is technically compliance with the requirements of **EN 60601-1-2 standards.**

This report applies to above tested sample only and shall not be reproduced in part without written approval of Audix Technology Corporation.

Date of Report : 2025. 04. 24

Reviewed by:  (Harper Lee/Administrator)

Approved by:  (Alex Deng/Manager)

Table of Content

1. Revision of Test Report

Issued Date	Revision Summary	Report Number
2025. 04. 24	Original Report.	EM-E250201

2. Summary of Test Result

2.1. Test Result

Emission			
Test Item	**Referred Standard**	**Limit**	**Result**
Conducted disturbance	CISPR 11:2015 +A1:2016 +A2:2019 EN 55011:2016 +A11:2020	Class B, Group 1	**Pass** Margin 3.88dB at 0.241MHz
Radiated disturbance (30 – 1000MHz)	CISPR 11:2015 +A1:2016 +A2:2019 EN 55011:2016 +A11:2020	Class B, Group 1	**Pass** Margin 3.08dB at 320.730MHz
Radiated disturbance (Above 1GHz)	CISPR 11:2015 +A1:2016 +A2:2019 EN 55011:2016 +A11:2020	Class B, Group 1	**N/A**
Harmonic current emissions	EN IEC 61000-3-2:2019+A2:2024	Class A, C, D	**Pass**
Voltage fluctuations & flicker	EN 61000-3-3:2013 +A1:2019 +A2:2021 +AC:2022	Section 5	**Pass**

Note :
1. The uncertainties value is not used in determining the result.
2. N/A is an abbreviation for Not Applicable
3. Special measures: None
4. Decision and justification not to measure: None
5. The decision rule for statement of conformity is based on the customer required.
6. Remark: The test models were selected by customer in this report.

IMMUNITY (EN 60601-1-2)			
Test Item	**Basic Standard**	**Performance Criteria**	**Result**
Electrostatic discharge	IEC 61000-4-2:2008	Annex I Section I.3.	**Pass**
Radiated, Radio-frequency, electromagnetic field	IEC 61000-4-3:2020	Annex I Section I.3.	**Pass(*)**
Proximity fields from RF wireless communications equipment	IEC 61000-4-3:2020	Annex I Section I.3.	**N/A**
Electrical fast transient/burst	IEC 61000-4-4:2012	Annex I Section I.3.	**Pass**
Surge	IEC 61000-4-5:2014 +A1:2017	Annex I Section I.3.	**Pass(*)**
Immunity to conducted disturbances, induced by radio-frequency fields	IEC 61000-4-6:2023	Annex I Section I.3.	**Pass**
Power frequency magnetic field	IEC 61000-4-8:2009	Annex I Section I.3.	**Pass**
Voltage dips	IEC 61000-4-11:2020	Annex I Section I.3.	**Pass**
Voltage interruptions		Annex I Section I.3.	**Pass**
Proximity magnetic fields	IEC 61000-4-39:2017	Annex I Section I.3.	**Pass**

Note :
1. The uncertainties value is not used in determining the result.
2. N/A is an abbreviation for Not Applicable
3. Special measures: None
4. Decision and justification not to measure: None
5. **Immunity test requirement and test levels: Professional healthcare facility environment.**
6. **Remark: The test models were selected by customer in this report.**
7. **(*):The test compliance level was specified by applicant.**

2.2. Description of Performance Criteria

Performance Criteria
The following are examples that can be used to develop pass/fail criteria. For ME EQUIPMENT and ME SYSTEMS with multiple functions, the pass/fail criteria should be applied to each function, parameter and channel. **Examples of test failures:** – malfunction; – non-operation when operation is required; – unwanted operation when no operation is required; – deviation from normal operation that poses an unacceptable RISK to the PATIENT or OPERATOR; – component failures; – change in programmable parameters; – reset to factory defaults (MANUFACTURER's presets); – change of operating mode; – a FALSE POSITIVE ALARM CONDITION; – a FALSE NEGATIVE ALARM CONDITION (failure to alarm); – cessation or interruption of any intended operation, even if accompanied by an ALARM SIGNAL; – initiation of any unintended operation, including unintended or uncontrolled motion, even if accompanied by an ALARM SIGNAL; – error of a displayed numerical value sufficiently large to affect diagnosis or treatment; – noise on a waveform in which the noise would interfere with diagnosis, treatment or monitoring; – artefact or distortion in an image in which the artefact would interfere with diagnosis, treatment or monitoring; – failure of automatic diagnosis or treatment ME EQUIPMENT or ME SYSTEM to diagnose or treat, even if accompanied by an ALARM SIGNAL. **Example of performance during and after the applied testing stimulus required to pass the test:** – safety-related functions perform as intended; – false operation of alarms, "fail safe" modes and similar functions do not occur. NOTE This might require performing the test twice – once to ensure the functions occur as expected and again to ensure they do not occur falsely.

2.3. Description of Test Firm

Name of Test Firm	Audix Technology Corporation / EMC Department No. 491, Zhongfu Rd., Linkou Dist., New Taipei City 244, Taiwan Tel: +886-2-26092133 Fax: +886-2-26099303 Website : www.audixtech.com Contact e-mail:attemc_report@audixtech.com
Accreditations	The laboratory is accredited by following organizations under ISO/IEC 17025:2017 (1) NVLAP (USA) NVLAP Lab Code 200077-0 (2) TAF (Taiwan) No. 1724
Test Facilities	(1) No. 5 Shielding Room (2) No. 6 Open Area Test Site (3) No. 2 EMS Test Room (4) No. 3 EMS Test Room

3. General Information

3.1. Description of Application

Applicant	XP Power Limited 19 Tai Seng Ave, #07-01, Singapore 534054, Singapore
Product Type	AC-DC Power Supply
Brand	XP Power
Product Name	CCR550PSYY-XXXXXXXX
Model Number	CCR550PSYY-XXXXXXXX ("YY" can be 12, 15, 24, 28, 30, 36, 48, 54. "XXXXXXXX" can be any alphanumeric or blank for market purpose only.)
Model	(1)CCR550PS12 (2)CCR550PS15 (3)CCR550PS24 (4)CCR550PS28 (5)CCR550PS30 (6)CCR550PS36 (7)CCR550PS48 (8)CCR550PS54 (9)CCR550PS12-T (10)CCR550PS15-T (11)CCR550PS24-T (12)CCR550PS28-T (13)CCR550PS30-T (14)CCR550PS36-T (15)CCR550PS48-T (16)CCR550PS54-T The detail of list refer to below table.

Table: Model different list

MODEL NUMBER	OUTPUT VOLTAGE	OUTPUT CURRENT			RIPPLE & NOISE NOTE1	VOLTAGE ACCURACY NOTE2	VOLTAGE ADJ. RANGE	LINE REGULATION NOTE3	LOAD REGULATION NOTE4	%EFF. (Typ.) NOTE5
		With Fan NOTE6	Without Conduction Cooling	With Conduction Cooling NOTE7						
CCR550PS12	12 V	45.83 A	19.16 A	37.5 A	120 mV	±1%	11.4-12.6V	±0.3%	±0.5%	92%
CCR550PS15	15 V	36.66 A	15.33 A	30 A	150 mV	±1%	14.25-15.75V	±0.3%	±0.5%	93%
CCR550PS24	24 V	22.91 A	9.58 A	18.75 A	200 mV	±1%	22.8-25.2V	±0.3%	±0.5%	93%
CCR550PS28	28 V	19.64 A	8.21 A	16.07 A	200 mV	±1%	28-29.4V	±0.3%	±0.5%	93%
CCR550PS30	30 V	18.33 A	7.67 A	15 A	200 mV	±1%	28.5-31.5V	±0.3%	±0.5%	93%
CCR550PS36	36 V	15.27 A	6.39 A	12.5 A	200 mV	±1%	34.2-37.8V	±0.3%	±0.5%	94%
CCR550PS48	48 V	11.45 A	4.79 A	9.37 A	200 mV	±1%	45.6-50.4V	±0.3%	±0.5%	94%
CCR550PS54	54 V	10.18 A	4.26 A	8.34 A	200 mV	±1%	51.3-56.7V	±0.3%	±0.5%	94%

Note:

1. Add a 0.1uF ceramic capacitor and a 10uF E.L. capacitor to output for ripple & noise measuring @20MHz BW.
2. Voltage accuracy is set at full load.
3. Line regulation is measured from 100Vac to 240V_{ac} with full load.
4. Load regulation is measured from 10% to 100% full load.
5. Typical efficiency at 230 V_{ac} and full load at 25°C.
6. Forced air convection with 21.9CFM above 110V_{ac}.
7. With addition cooling conduction plate, 38.1 by 38.1 cm with min. 0.2 cm thick, as below.

3.2. Description of the EUT

Test Model	**For complete EMC test item:** CCR550PS24 **For EMI test item:** CCR550PS12, CCR550PS15, CCR550PS24, CCR550PS28, CCR550PS30, CCR550PS36, CCR550PS48, CCR550PS54
Serial Number	N/A
Power Rating	85~264Vac
Firmware Version	N/A
Sample Status	Trial sample
Date of Receipt	2024. 07. 18
Date of Test	2024. 10. 28 ~ 11. 20
I/O Ports List	None
Accessories Supplied	None

3.3. Highest Frequency within EUT

The highest frequency operating in EUT is 75kHz.

3.4. Determination of Worse Case Operating Modes

Test Item	Test Model	Edition C Class I	Edition B Class I	Edition C Class II	Operating Mode
Conducted emissions at AC mains power port	CCR550PS12	V	-	-	Full Load
	CCR550PS15	V	-	-	
	CCR550PS24	V	-	-	
	CCR550PS28	V	-	-	
	CCR550PS30	V	-	-	
	CCR550PS36	V	-	-	
	CCR550PS48	V	-	-	
	CCR550PS54	V	-	-	
	CCR550PS24	-	-	V	
Radiated emission (30 – 1000MHz)	CCR550PS12	V	-	-	Full Load
	CCR550PS15	V	-	-	
	CCR550PS24	V	-	-	
	CCR550PS28	V	-	-	
	CCR550PS30	V	-	-	
	CCR550PS36	V	-	-	
	CCR550PS48	V	-	-	
	CCR550PS54	V	-	-	
	CCR550PS24	-	-	V	
Harmonics current emission & Voltage fluctuations & flicker	CCR550PS24	V	-	-	Full Load
Voltage dips and Interruptions Immunity Test	CCR550PS24	V	-	-	Full Load
All Immunity tests	CCR550PS24	V	-	-	Full Load
Proximity magnetic fields	CCR550PS24	V	-	-	Full Load
Remark： Edition C Class I：With Metal cover, with ground Edition C Class II：With Metal cover, without ground Edition B Class I：Without Metal cover, with ground					

3.5. Final Test Configuration Mode

The worst showed as following configuration was tested and recorded in the report.

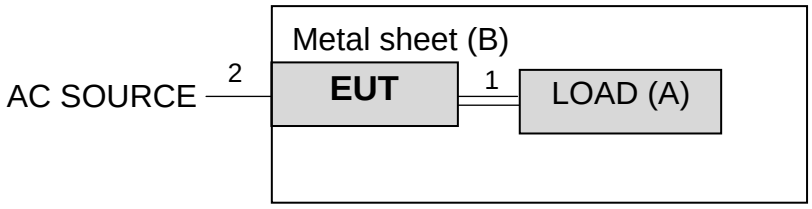
Test Item	Test Model	Edition C Class I	Edition B Class I	Edition C Class II	Operating Mode
Conducted emissions at AC mains power port	CCR550PS12	V	-	-	Full Load
	CCR550PS15	V	-	-	
	CCR550PS24	V	-	-	
	CCR550PS28	V	-	-	
	CCR550PS30	V	-	-	
	CCR550PS36	V	-	-	
	CCR550PS48	V	-	-	
	CCR550PS54	V	-	-	
	CCR550PS24	-	-	V	
Radiated emission (30 – 1000MHz)	CCR550PS12	V	-	-	Full Load
Harmonics current emission & Voltage fluctuations & flicker	CCR550PS24	V	-	-	Full Load
Voltage dips and Interruptions Immunity Test	CCR550PS24	V	-	-	Full Load
All Immunity tests	CCR550PS24	V	-	-	Full Load
Proximity magnetic fields	CCR550PS24	V	-	-	Full Load

Remark：
Edition C Class I：With Metal cover, with ground
Edition C Class II：With Metal cover, without ground
Edition B Class I：Without Metal cover, with ground

4. Measurement Arrangement

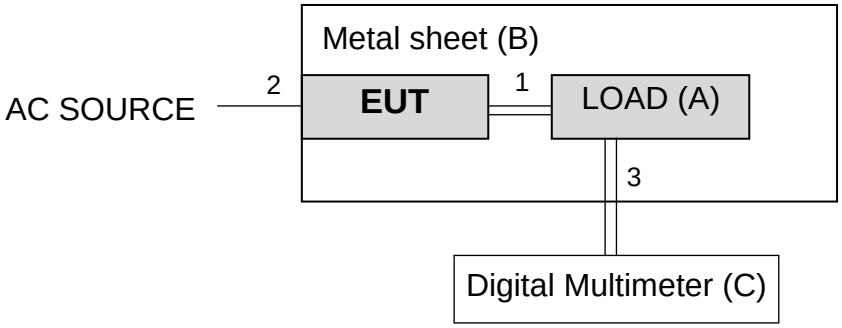
4.1. Equipment and cables arrangement

- Connection Diagram of EUT and Peripheral Devices
  For conducted & radiated test



EUT：AC-DC Power Supply

- Connection Diagram of EUT and Peripheral Devices
  For immunity test



EUT：AC-DC Power Supply

4.2. Method of Exercising EUT

- The methods for exercising the EUT during the measurement specified in EN 60601-1-2 were used.

1. Turn on the power of all equipment.
2. The EUT was operating with full load during all testing.

4.3. List of Supported Units under Test

Item	Product	Brand	Model No.	Serial No.	Approval
A	Resistance load	CINCON	N/A	N/A	N/A
B	Metal sheet	N/A	N/A	N/A	N/A
C	Digital Multimeter	Agilent	34401A	N/A	N/A

4.4. List of Used Cables under Test

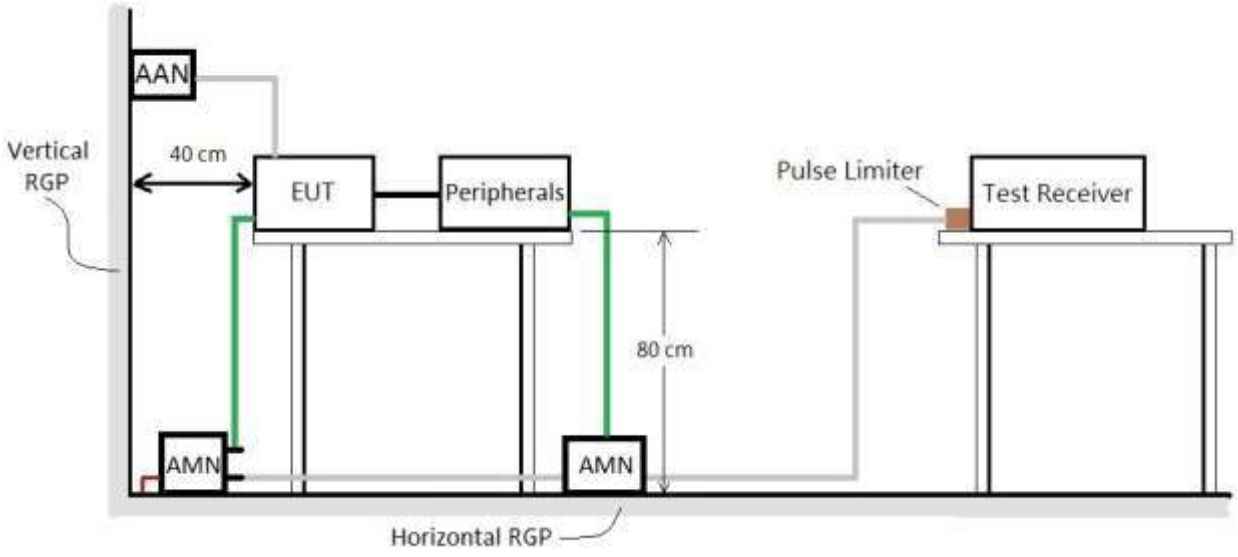
Item	Type	Qty.	Length (m)	Shielding (Yes/No)	Cores (Qty.)	Remark
1	Probe Cable	2	0.08	N	0	Provided by LAB
2	AC Power Cord (3C)	1	1.6	N	0	Accessory of EUT
3	Power Wire	2	2.0	N	0	Provided by LAB

5. Measurement of Conducted Disturbance

5.1. List of Test Instruments

Item	Equipment	Manufacturer	Model No.	Serial No.	Cal. Date	Cal. Interval
1	Test Receiver	R&S	ESR3	101773	2024. 05. 15	1 Year
2	A.M.N.	R&S	ENV4200	100003	2024. 09. 09	1 Year
3	L.I.S.N.	Kyoritsu	KNW-407	8-1430-5	2024. 01. 04	1 Year
4	Pulse Limiter	R&S	ESH3-Z2	100355	2023. 12. 09	1 Year
5	Signal Cable	MIYAZAKI	5D2W	CE-04	2024. 01. 05	1 Year
6	Test Software	Audix	e3	V6.120703a	N.C.R.	N.C.R.
7	Digital Ther-mo-Hygro Meter	WISEWIND	5330	No.5 S/R	2024. 04. 11	1 Year

5.2. Test Setup



5.3. Applicable Limits

- For conducted emissions from the Mains terminal disturbance voltage (Class A, Group 1)

Frequency Range (MHz)	Rated input power of ≤ 20 kVA		Rated input power of > 20 kVA	
	Quasi-peak dB(μ V)	Average dB(μ V)	Quasi-peak dB(μ V)	Average dB(μ V)
0.15 – 0.50	79	66	100	90
0.50 – 5.0	73	60	86	76
5.0 – 30	73	60	90 decreasing linearly with logarithm of frequency to 73	80 decreasing linearly with logarithm of frequency to 60

- For conducted emissions from the Mains terminal disturbance voltage (Class B, Group 1)

Frequency Range (MHz)	Quasi-peak dB(μ V)	Average dB(μ V)
0.15 – 0.50	66 Decreasing linearly with logarithm of frequency to 56	56 Decreasing linearly with logarithm of frequency to 46
0.50 – 5.0	56	46
5.0 – 30	60	50

- For conducted emissions from the Mains terminal disturbance voltage (Class A, Group 2)

Frequency Range (MHz)	Rated input power of ≤ 75 kVA		Rated input power of >75 kVA	
	Quasi-peak dB(μ V)	Average dB(μ V)	Quasi-peak dB(μ V)	Average dB(μ V)
0.15 – 0.50	100	90	130	120
0.50 – 5.0	86	76	125	115
5.0 – 30	90	80	115	105
	decreasing linearly with logarithm of frequency to			
	73	60		

- For conducted emissions from the Mains terminal disturbance voltage (Class B, Group 2)

Frequency Range (MHz)	Quasi-peak dB(μ V)	Average dB(μ V)
0.15 – 0.50	66 Decreasing linearly with logarithm of frequency to 56	56 Decreasing linearly with logarithm of frequency to 46
0.50 – 5.0	56	46
5.0 – 30	60	50

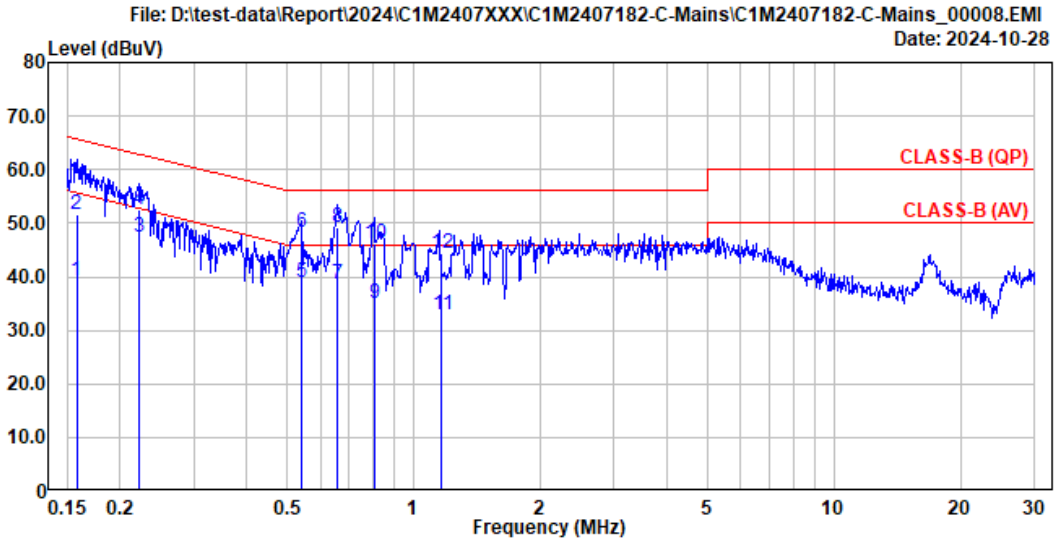
5.4. Measurement Procedure

The measurement procedure specified in CISPR 11 clause 7 was performed.

- Setup the EUT and associated equipment described as clause 4.1, and they were located 40cm from the vertical conducting plane.
- Connect the EUT power cord to the main A.M.N and associated equipment to the second A.M.N. All ports of the A.M.N not connecting to the measuring equipment was terminated into 50 ohm resistive load.
- Setup the resolution bandwidth of the test receiver at 9kHz(while testing within 0.15 to 30MHz).
- Operate the EUT system as described in clause 4.2.
- For the exploratory measurement, determine the highest emission amplitude relative to the limit on each of the EUT power cord with the peak detector by each of the EUT operation over the specified frequency range and record it, and then
- For final measurement, select the EUT operation mode that produced the highest amplitude in the exploratory measurement to determine the highest emissions with each specified detector and record it. All of the current-carrying conductors of each of the EUT power cords, except the ground conductor, must be measured over the specified frequency range.
- The measurement result was calculated by following formula：
- Emission Level = Reading (Receiver) + Factor(A.M.N)+ Insertion Loss (Pulse Limiter) + Cable Loss
- If the average limit is met when using a Quasi-Peak detector receiver, the EUT is deemed to meet both limits and measurement with the average detector is unnecessary.

5.5. Measurement Result

Test Phase	Neutral	Test Result	Pass
Test Mode	Full Load	Test Model	CCR550PS12



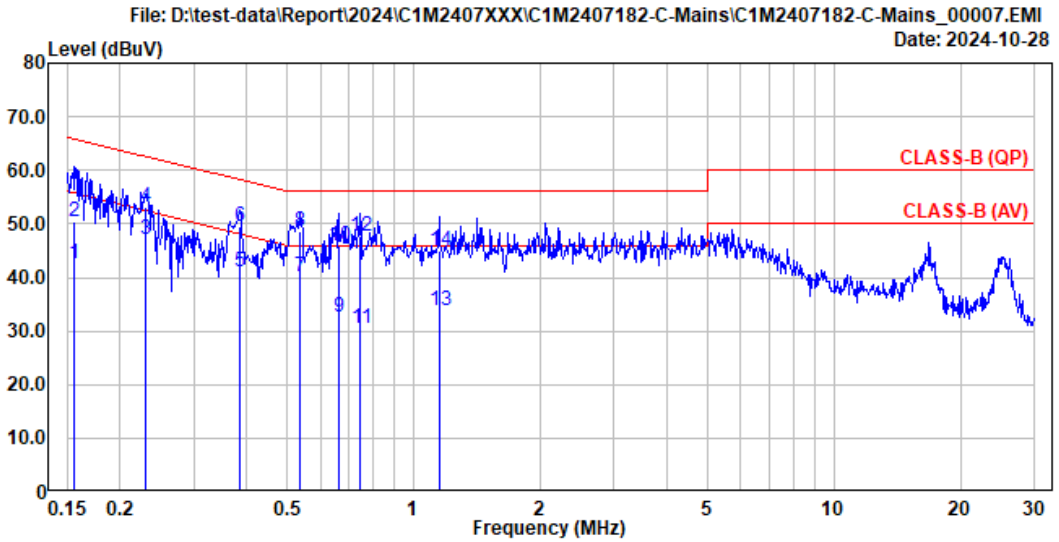
Site No. : No.5 Shielded Room
Instrument 1 : Receiver ESR(773)
Instrument 2 : ENV4200 (003)(A)|CE-04|ESH3-Z2 (355)
Limit : CLASS-B (QP)
Environment : 26*C / 62%
EUT Model : CCR550PS12
Test Mode : Mode 1

Data No. : 8
Phase : Neutral
Test Rating : 240Vac/50Hz
Engineer : Gary Tsai

	Freq. (MHz)	AMN Factor (dB)	Cable Loss (dB)	Pulse Att. (dB)	Reading (dBµV)	Emission Level (dBµV)	Limits (dBµV)	Margin (dB)	Remark
1	0.158	10.06	0.06	9.86	19.16	39.14	55.59	16.45	Average
2	0.158	10.06	0.06	9.86	31.60	51.58	65.59	14.01	QP
3	0.222	10.03	0.06	9.86	27.30	47.25	52.74	5.49	Average
4	0.222	10.03	0.06	9.86	32.66	52.61	62.74	10.13	QP
5	0.541	9.95	0.07	9.86	19.07	38.95	46.00	7.05	Average
6	0.541	9.95	0.07	9.86	28.39	48.27	56.00	7.73	QP
7	0.659	9.94	0.08	9.86	18.72	38.60	46.00	7.40	Average
8	0.659	9.94	0.08	9.86	29.42	49.30	56.00	6.70	QP
9	0.805	9.94	0.08	9.86	15.09	34.97	46.00	11.03	Average
10	0.805	9.94	0.08	9.86	26.29	46.17	56.00	9.83	QP
11	1.168	9.94	0.09	9.86	12.91	32.80	46.00	13.20	Average
12	1.168	9.94	0.09	9.86	24.45	44.34	56.00	11.66	QP

Remarks: 1. Emission Level(dBµV)= AMN Factor(dB) + Cable Loss(dB) + Pulse Att.(dB) + Reading(dBµV).

Test Phase	Line	Test Result	Pass
Test Mode	Full Load	Test Model	CCR550PS12



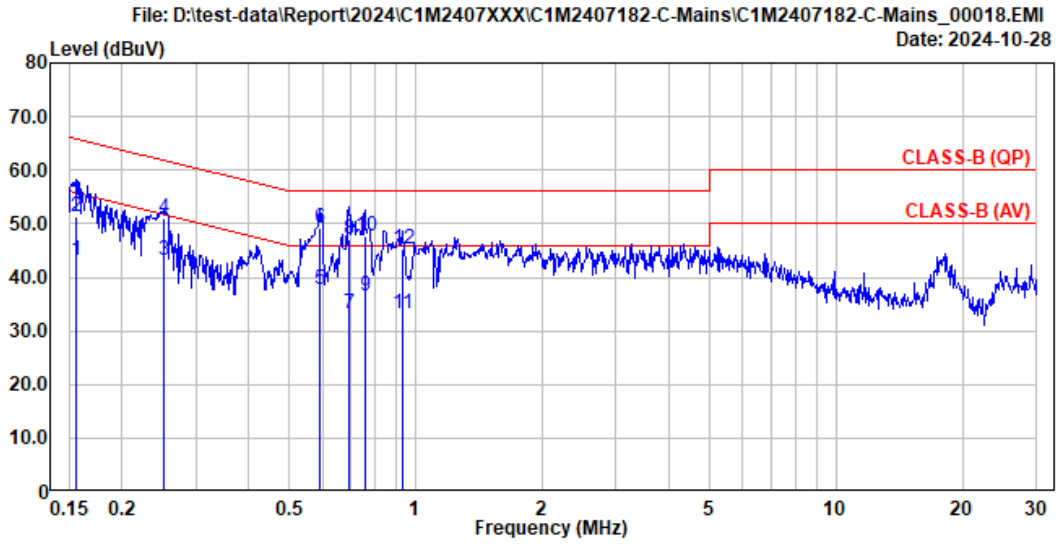
Site No. : No.5 Shielded Room
Instrument 1 : Receiver ESR(773)
Instrument 2 : ENV4200 (003)(A)|CE-04|ESH3-Z2 (355)
Limit : CLASS-B (QP)
Environment : 26*C / 62%
EUT Model : CCR550PS12
Test Mode : Mode 1

Data No. : 7
Phase : Line
Test Rating : 240Vac/50Hz
Engineer : Gary Tsai

	Freq. (MHz)	AMN Factor (dB)	Cable Loss (dB)	Pulse Att. (dB)	Reading (dBµV)	Emission Level (dBµV)	Limits (dBµV)	Margin (dB)	Remark
1	0.155	10.06	0.06	9.86	22.49	42.47	55.71	13.24	Average
2	0.155	10.06	0.06	9.86	30.40	50.38	65.71	15.33	QP
3	0.230	10.03	0.06	9.86	27.15	47.10	52.44	5.34	Average
4	0.230	10.03	0.06	9.86	33.14	53.09	62.44	9.35	QP
5	0.387	9.97	0.07	9.86	21.08	40.98	48.13	7.15	Average
6	0.387	9.97	0.07	9.86	29.76	49.66	58.13	8.47	QP
7	0.537	9.96	0.07	9.86	20.23	40.12	46.00	5.88	Average
8	0.537	9.96	0.07	9.86	28.61	48.50	56.00	7.50	QP
9	0.662	9.96	0.08	9.86	12.58	32.48	46.00	13.52	Average
10	0.662	9.96	0.08	9.86	25.90	45.80	56.00	10.20	QP
11	0.747	9.96	0.08	9.86	10.64	30.54	46.00	15.46	Average
12	0.747	9.96	0.08	9.86	27.80	47.70	56.00	8.30	QP
13	1.152	9.96	0.09	9.86	13.83	33.74	46.00	12.26	Average
14	1.152	9.96	0.09	9.86	25.21	45.12	56.00	10.88	QP

Remarks: 1. Emission Level(dBµV)= AMN Factor(dB) + Cable Loss(dB) + Pulse Att.(dB) + Reading(dBµV).

Test Phase	Neutral	Test Result	Pass
Test Mode	Full Load	Test Model	CCR550PS15



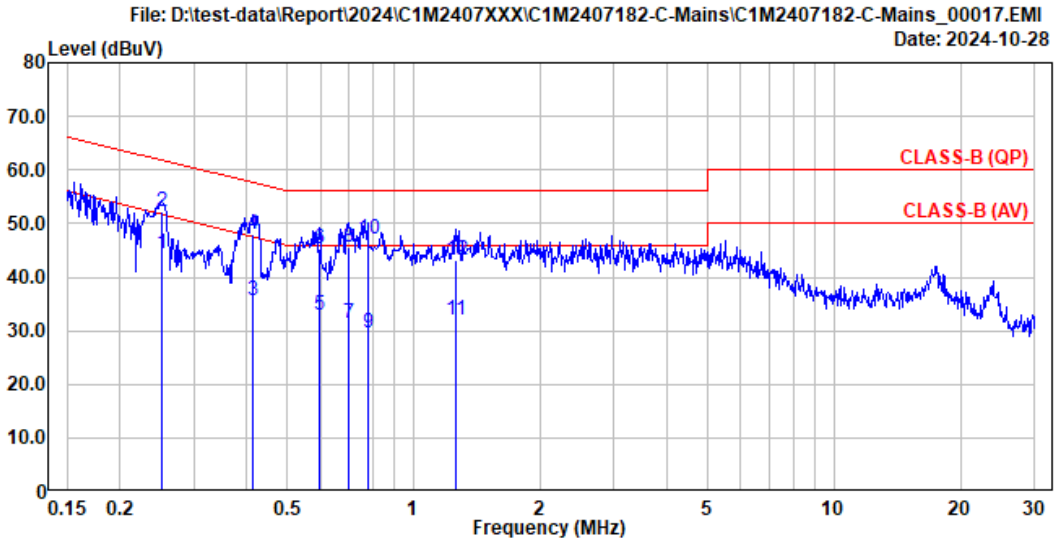
Site No. : No.5 Shielded Room
Instrument 1 : Receiver ESR(773)
Instrument 2 : ENV4200 (003)(A)|CE-04|ESH3-Z2 (355)
Limit : CLASS-B (QP)
Environment : 26*C / 62%
EUT Model : CCR550PS15
Test Mode : Mode 1

Data No. : 18
Phase : Neutral
Test Rating : 240Vac/50Hz
Engineer : Gary Tsai

	Freq. (MHz)	AMN Factor (dB)	Cable Loss (dB)	Pulse Att. (dB)	Reading (dBµV)	Emission Level (dBµV)	Limits (dBµV)	Margin (dB)	Remark
1	0.155	10.06	0.06	9.86	23.23	43.21	55.71	12.50	Average
2	0.155	10.06	0.06	9.86	31.36	51.34	65.71	14.37	QP
3	0.252	10.01	0.06	9.86	23.30	43.23	51.69	8.46	Average
4	0.252	10.01	0.06	9.86	30.95	50.88	61.69	10.81	QP
5	0.591	9.95	0.07	9.86	18.01	37.89	46.00	8.11	Average
6	0.591	9.95	0.07	9.86	29.31	49.19	56.00	6.81	QP
7	0.696	9.94	0.08	9.86	13.38	33.26	46.00	12.74	Average
8	0.696	9.94	0.08	9.86	27.25	47.13	56.00	8.87	QP
9	0.758	9.94	0.08	9.86	16.62	36.50	46.00	9.50	Average
10	0.758	9.94	0.08	9.86	27.89	47.77	56.00	8.23	QP
11	0.930	9.93	0.08	9.86	13.28	33.15	46.00	12.85	Average
12	0.930	9.93	0.08	9.86	25.36	45.23	56.00	10.77	QP

Remarks: 1. Emission Level(dBµV)= AMN Factor(dB) + Cable Loss(dB) + Pulse Att.(dB) + Reading(dBµV).

Test Phase	Line	Test Result	Pass
Test Mode	Full Load	Test Model	CCR550PS15



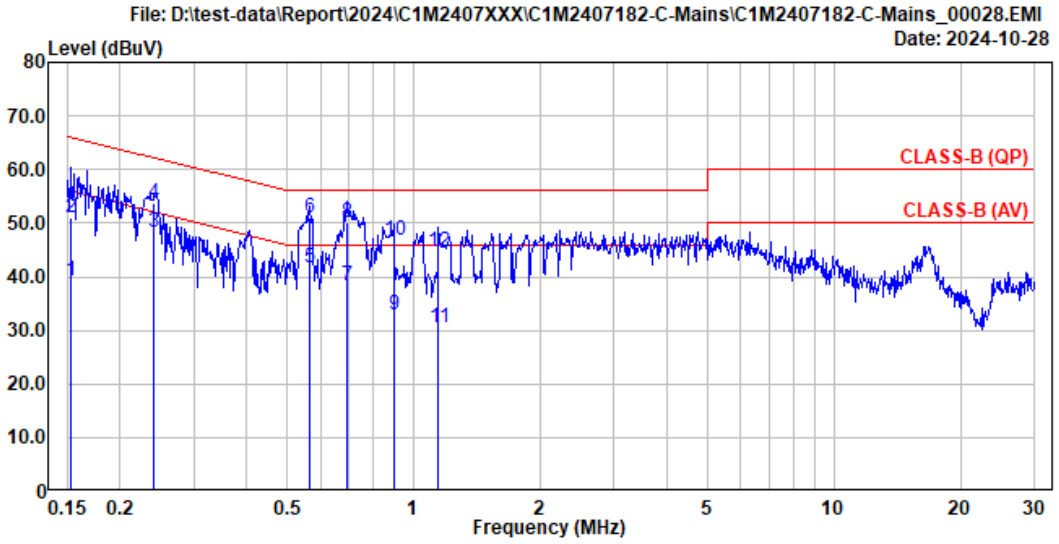
Site No. : No.5 Shielded Room
Instrument 1 : Receiver ESR(773)
Instrument 2 : ENV4200 (003)(A)|CE-04|ESH3-Z2 (355)
Limit : CLASS-B (QP)
Environment : 26*C / 62%
EUT Model : CCR550PS15
Test Mode : Mode 1

Data No. : 17
Phase : Line
Test Rating : 240Vac/50Hz
Engineer : Gary Tsai

	Freq. (MHz)	AMN Factor (dB)	Cable Loss (dB)	Pulse Att. (dB)	Reading (dBµV)	Emission Level (dBµV)	Limits (dBµV)	Margin (dB)	Remark
1	0.251	10.02	0.06	9.86	24.46	44.40	51.74	7.34	Average
2	0.251	10.02	0.06	9.86	32.19	52.13	61.74	9.61	QP
3	0.413	9.97	0.07	9.86	15.69	35.59	47.60	12.01	Average
4	0.413	9.97	0.07	9.86	27.95	47.85	57.60	9.75	QP
5	0.597	9.96	0.07	9.86	13.11	33.00	46.00	13.00	Average
6	0.597	9.96	0.07	9.86	25.28	45.17	56.00	10.83	QP
7	0.700	9.96	0.08	9.86	11.47	31.37	46.00	14.63	Average
8	0.700	9.96	0.08	9.86	25.77	45.67	56.00	10.33	QP
9	0.777	9.96	0.08	9.86	9.72	29.62	46.00	16.38	Average
10	0.777	9.96	0.08	9.86	27.14	47.04	56.00	8.96	QP
11	1.260	9.96	0.09	9.86	12.12	32.03	46.00	13.97	Average
12	1.260	9.96	0.09	9.86	23.18	43.09	56.00	12.91	QP

Remarks: 1. Emission Level(dBµV)= AMN Factor(dB) + Cable Loss(dB) + Pulse Att.(dB) + Reading(dBµV).

Test Phase	Neutral	Test Result	Pass
Test Mode	Full Load	Test Model	CCR550PS24



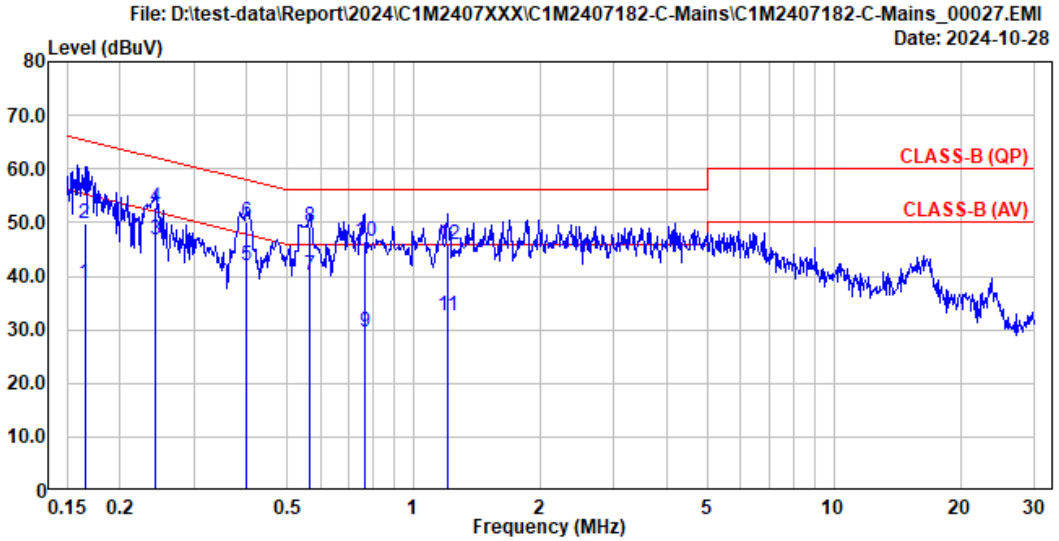
Site No. : No.5 Shielded Room
Instrument 1 : Receiver ESR(773)
Instrument 2 : ENV4200 (003)(A)|CE-04|ESH3-Z2 (355)
Limit : CLASS-B (QP)
Environment : 26*C / 62%
EUT Model : CCR550PS24
Test Mode : Mode 1

Data No. : 28
Phase : Neutral
Test Rating : 240Vac/50Hz
Engineer : Gary Tsai

	Freq. (MHz)	AMN Factor (dB)	Cable Loss (dB)	Pulse Att. (dB)	Reading (dBµV)	Emission Level (dBµV)	Limits (dBµV)	Margin (dB)	Remark
1	0.152	10.06	0.06	9.86	19.27	39.25	55.88	16.63	Average
2	0.152	10.06	0.06	9.86	31.10	51.08	65.88	14.80	QP
3	0.241	10.02	0.06	9.86	28.25	48.19	52.07	3.88	Average
4	0.241	10.02	0.06	9.86	33.84	53.78	62.07	8.29	QP
5	0.568	9.95	0.07	9.86	21.88	41.76	46.00	4.24	Average
6	0.568	9.95	0.07	9.86	31.13	51.01	56.00	4.99	QP
7	0.696	9.94	0.08	9.86	18.60	38.48	46.00	7.52	Average
8	0.696	9.94	0.08	9.86	30.28	50.16	56.00	5.84	QP
9	0.898	9.93	0.08	9.86	13.13	33.00	46.00	13.00	Average
10	0.898	9.93	0.08	9.86	26.81	46.68	56.00	9.32	QP
11	1.146	9.94	0.09	9.86	10.49	30.38	46.00	15.62	Average
12	1.146	9.94	0.09	9.86	24.68	44.57	56.00	11.43	QP

Remarks: 1. Emission Level(dBµV)= AMN Factor(dB) + Cable Loss(dB) + Pulse Att.(dB) + Reading(dBµV).

Test Phase	Line	Test Result	Pass
Test Mode	Full Load	Test Model	CCR550PS24



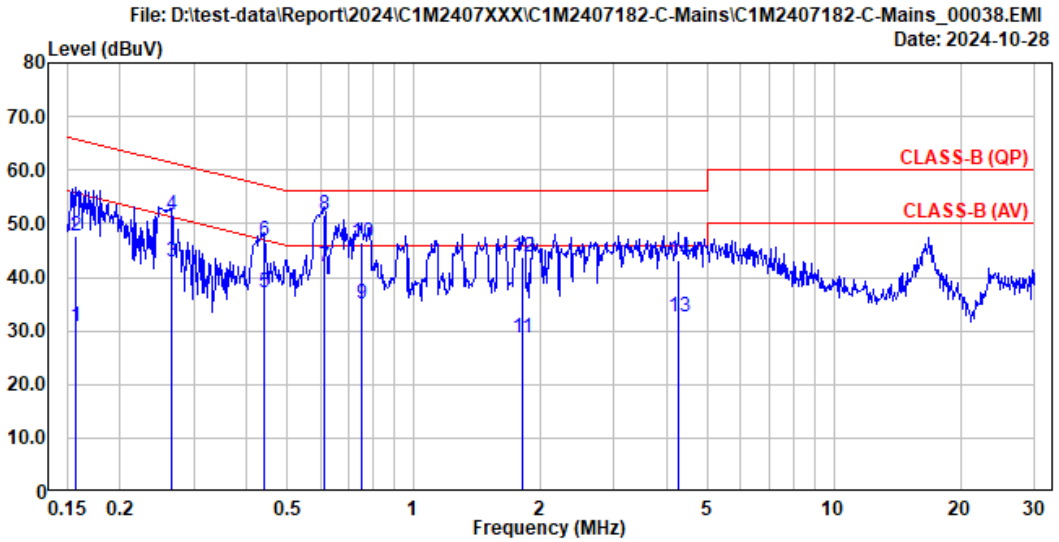
Site No. : No.5 Shielded Room
Instrument 1 : Receiver ESR(773)
Instrument 2 : ENV4200 (003)(A)|CE-04|ESH3-Z2 (355)
Limit : CLASS-B (QP)
Environment : 26*C / 62%
EUT Model : CCR550PS24
Test Mode : Mode 1

Data No. : 27
Phase : Line
Test Rating : 240Vac/50Hz
Engineer : Gary Tsai

	Freq. (MHz)	AMN Factor (dB)	Cable Loss (dB)	Pulse Att. (dB)	Reading (dBµV)	Emission Level (dBµV)	Limits (dBµV)	Margin (dB)	Remark
1	0.165	10.05	0.06	9.86	18.77	38.74	55.21	16.47	Average
2	0.165	10.05	0.06	9.86	29.96	49.93	65.21	15.28	QP
3	0.242	10.02	0.06	9.86	26.92	46.86	52.03	5.17	Average
4	0.242	10.02	0.06	9.86	32.81	52.75	62.03	9.28	QP
5	0.400	9.97	0.07	9.86	21.95	41.85	47.84	5.99	Average
6	0.400	9.97	0.07	9.86	30.09	49.99	57.84	7.85	QP
7	0.568	9.96	0.07	9.86	20.26	40.15	46.00	5.85	Average
8	0.568	9.96	0.07	9.86	29.38	49.27	56.00	6.73	QP
9	0.765	9.96	0.08	9.86	9.73	29.63	46.00	16.37	Average
10	0.765	9.96	0.08	9.86	26.70	46.60	56.00	9.40	QP
11	1.205	9.96	0.09	9.86	12.54	32.45	46.00	13.55	Average
12	1.205	9.96	0.09	9.86	26.03	45.94	56.00	10.06	QP

Remarks: 1. Emission Level(dBµV)= AMN Factor(dB) + Cable Loss(dB) + Pulse Att.(dB) + Reading(dBµV).

Test Phase	Neutral	Test Result	Pass
Test Mode	Full Load	Test Model	CCR550PS28



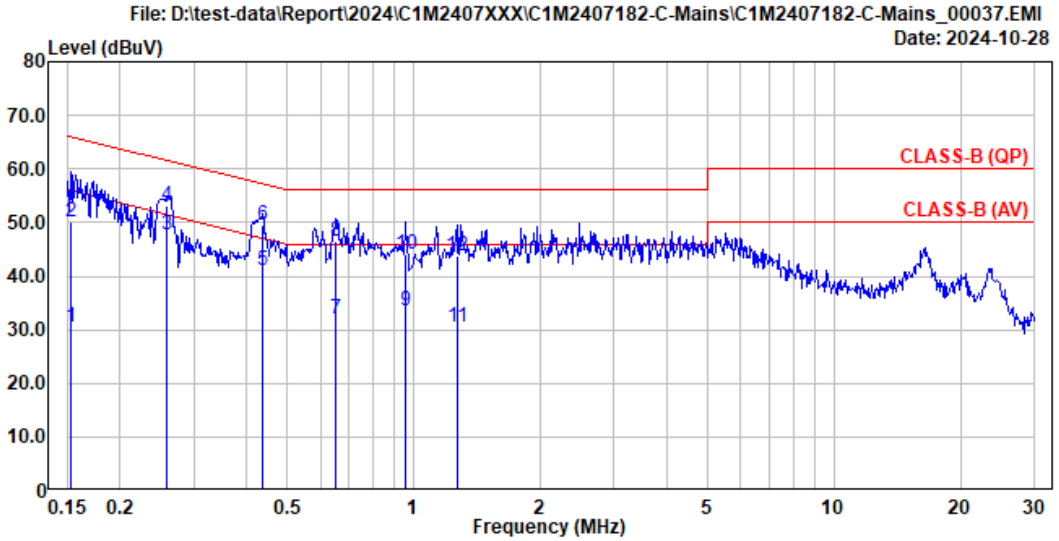
Site No. : No.5 Shielded Room
Instrument 1 : Receiver ESR(773)
Instrument 2 : ENV4200 (003)(A)|CE-04|ESH3-Z2 (355)
Limit : CLASS-B (QP)
Environment : 26*C / 62%
EUT Model : CCR550PS28
Test Mode : Mode 1

Data No. : 38
Phase : Neutral
Test Rating : 240Vac/50Hz
Engineer : Gary Tsai

	Freq. (MHz)	AMN Factor (dB)	Cable Loss (dB)	Pulse Att. (dB)	Reading (dBµV)	Emission Level (dBµV)	Limits (dBµV)	Margin (dB)	Remark
1	0.157	10.06	0.06	9.86	10.87	30.85	55.63	24.78	Average
2	0.157	10.06	0.06	9.86	27.62	47.60	65.63	18.03	QP
3	0.265	10.01	0.06	9.86	23.06	42.99	51.28	8.29	Average
4	0.265	10.01	0.06	9.86	31.62	51.55	61.28	9.73	QP
5	0.440	9.96	0.07	9.86	17.18	37.07	47.06	9.99	Average
6	0.440	9.96	0.07	9.86	26.98	46.87	57.06	10.19	QP
7	0.612	9.95	0.07	9.86	21.96	41.84	46.00	4.16	Average
8	0.612	9.95	0.07	9.86	31.66	51.54	56.00	4.46	QP
9	0.750	9.94	0.08	9.86	15.05	34.93	46.00	11.07	Average
10	0.750	9.94	0.08	9.86	26.71	46.59	56.00	9.41	QP
11	1.813	9.96	0.11	9.86	8.78	28.71	46.00	17.29	Average
12	1.813	9.96	0.11	9.86	23.73	43.66	56.00	12.34	QP
13	4.252	10.10	0.17	9.87	12.56	32.70	46.00	13.30	Average
14	4.252	10.10	0.17	9.87	22.94	43.08	56.00	12.92	QP

Remarks: 1. Emission Level(dBµV)= AMN Factor(dB) + Cable Loss(dB) + Pulse Att.(dB) + Reading(dBµV).

Test Phase	Line	Test Result	Pass
Test Mode	Full Load	Test Model	CCR550PS28



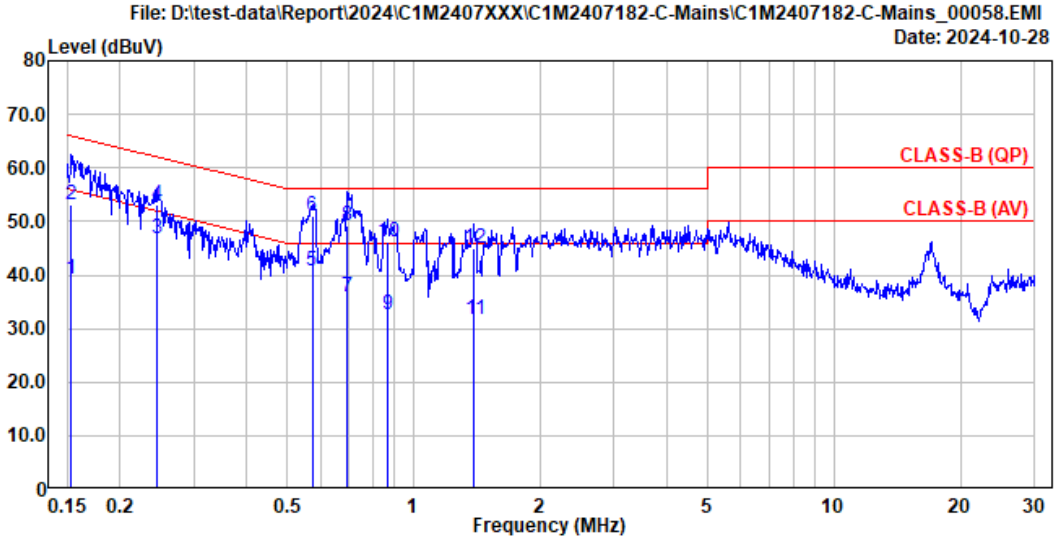
Site No. : No.5 Shielded Room
Instrument 1 : Receiver ESR(773)
Instrument 2 : ENV4200 (003)(A)|CE-04|ESH3-Z2 (355)
Limit : CLASS-B (QP)
Environment : 26*C / 62%
EUT Model : CCR550PS28
Test Mode : Mode 1

Data No. : 37
Phase : Line
Test Rating : 240Vac/50Hz
Engineer : Gary Tsai

	Freq. (MHz)	AMN Factor (dB)	Cable Loss (dB)	Pulse Att. (dB)	Reading (dBµV)	Emission Level (dBµV)	Limits (dBµV)	Margin (dB)	Remark
1	0.152	10.06	0.06	9.86	10.52	30.50	55.88	25.38	Average
2	0.152	10.06	0.06	9.86	30.23	50.21	65.88	15.67	QP
3	0.260	10.01	0.06	9.86	27.73	47.66	51.45	3.79	Average
4	0.260	10.01	0.06	9.86	33.15	53.08	61.45	8.37	QP
5	0.438	9.97	0.07	9.86	21.19	41.09	47.10	6.01	Average
6	0.438	9.97	0.07	9.86	29.56	49.46	57.10	7.64	QP
7	0.653	9.96	0.08	9.86	12.03	31.93	46.00	14.07	Average
8	0.653	9.96	0.08	9.86	26.65	46.55	56.00	9.45	QP
9	0.958	9.95	0.08	9.86	13.51	33.40	46.00	12.60	Average
10	0.958	9.95	0.08	9.86	24.29	44.18	56.00	11.82	QP
11	1.266	9.96	0.09	9.86	10.46	30.37	46.00	15.63	Average
12	1.266	9.96	0.09	9.86	23.74	43.65	56.00	12.35	QP

Remarks: 1. Emission Level(dBµV)= AMN Factor(dB) + Cable Loss(dB) + Pulse Att.(dB) + Reading(dBµV).

Test Phase	Neutral	Test Result	Pass
Test Mode	Full Load	Test Model	CCR550PS30



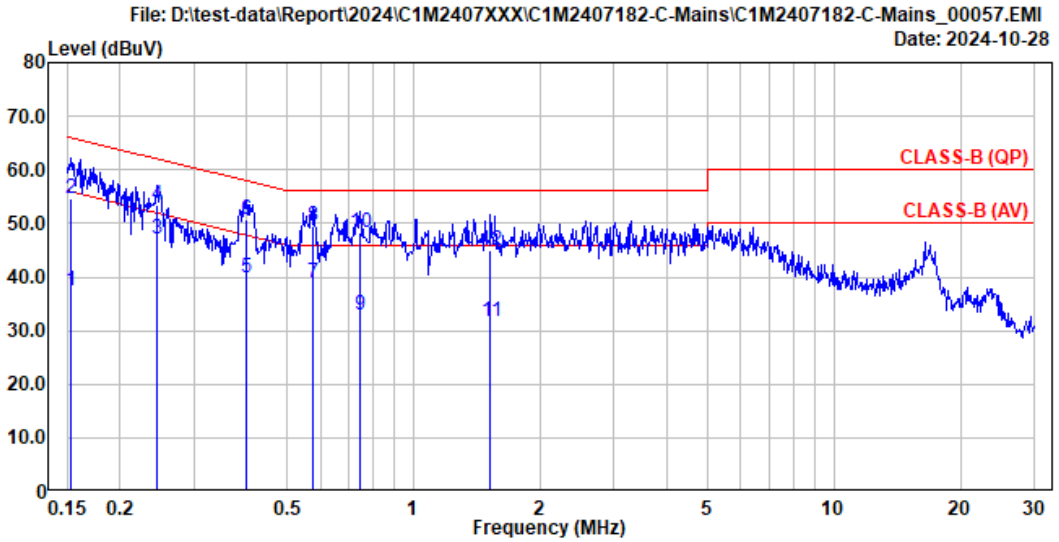
Site No. : No.5 Shielded Room
Instrument 1 : Receiver ESR(773)
Instrument 2 : ENV4200 (003)(A)|CE-04|ESH3-Z2 (355)
Limit : CLASS-B (QP)
Environment : 26*C / 62%
EUT Model : CCR550PS30
Test Mode : Mode 1

Data No. : 58
Phase : Neutral
Test Rating : 240Vac/50Hz
Engineer : Gary Tsai

	Freq. (MHz)	AMN Factor (dB)	Cable Loss (dB)	Pulse Att. (dB)	Reading (dBµV)	Emission Level (dBµV)	Limits (dBµV)	Margin (dB)	Remark
1	0.153	10.06	0.06	9.86	19.29	39.27	55.83	16.56	Average
2	0.153	10.06	0.06	9.86	33.14	53.12	65.83	12.71	QP
3	0.246	10.02	0.06	9.86	26.91	46.85	51.90	5.05	Average
4	0.246	10.02	0.06	9.86	33.18	53.12	61.90	8.78	QP
5	0.573	9.95	0.07	9.86	20.96	40.84	46.00	5.16	Average
6	0.573	9.95	0.07	9.86	31.05	50.93	56.00	5.07	QP
7	0.696	9.94	0.08	9.86	16.15	36.03	46.00	9.97	Average
8	0.696	9.94	0.08	9.86	29.44	49.32	56.00	6.68	QP
9	0.867	9.93	0.08	9.86	12.59	32.46	46.00	13.54	Average
10	0.867	9.93	0.08	9.86	26.38	46.25	56.00	9.75	QP
11	1.392	9.94	0.10	9.86	11.93	31.83	46.00	14.17	Average
12	1.392	9.94	0.10	9.86	25.02	44.92	56.00	11.08	QP

Remarks: 1. Emission Level(dBµV)= AMN Factor(dB) + Cable Loss(dB) + Pulse Att.(dB) + Reading(dBµV).

Test Phase	Line	Test Result	Pass
Test Mode	Full Load	Test Model	CCR550PS30



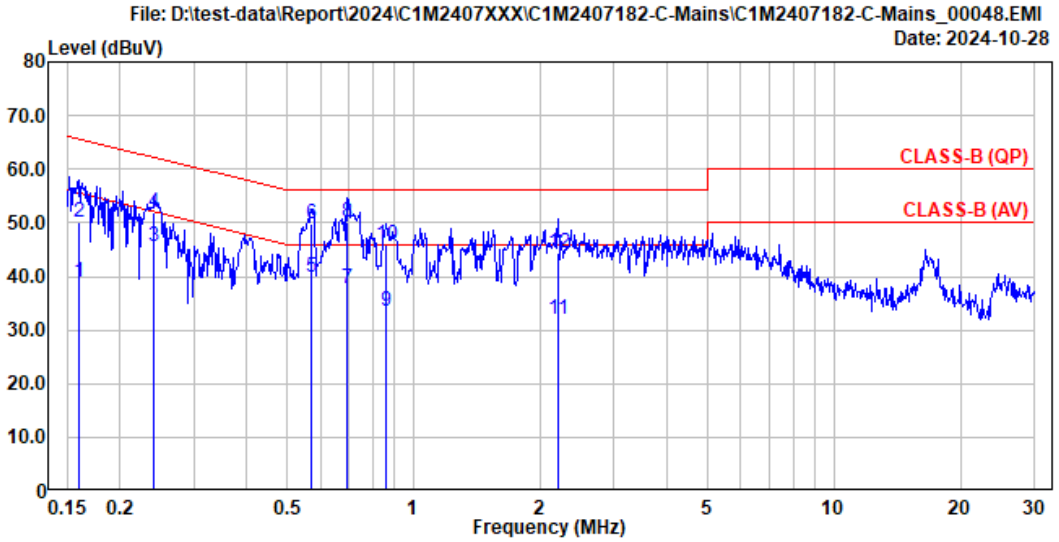
Site No. : No.5 Shielded Room
Instrument 1 : Receiver ESR(773)
Instrument 2 : ENV4200 (003)(A)|CE-04|ESH3-Z2 (355)
Limit : CLASS-B (QP)
Environment : 26*C / 62%
EUT Model : CCR550PS30
Test Mode : Mode 1

Data No. : 57
Phase : Line
Test Rating : 240Vac/50Hz
Engineer : Gary Tsai

	Freq. (MHz)	AMN Factor (dB)	Cable Loss (dB)	Pulse Att. (dB)	Reading (dBµV)	Emission Level (dBµV)	Limits (dBµV)	Margin (dB)	Remark
1	0.152	10.06	0.06	9.86	17.58	37.56	55.88	18.32	Average
2	0.152	10.06	0.06	9.86	34.58	54.56	65.88	11.32	QP
3	0.244	10.02	0.06	9.86	27.29	47.23	51.94	4.71	Average
4	0.244	10.02	0.06	9.86	33.35	53.29	61.94	8.65	QP
5	0.398	9.97	0.07	9.86	20.08	39.98	47.89	7.91	Average
6	0.398	9.97	0.07	9.86	30.74	50.64	57.89	7.25	QP
7	0.576	9.96	0.07	9.86	19.19	39.08	46.00	6.92	Average
8	0.576	9.96	0.07	9.86	29.54	49.43	56.00	6.57	QP
9	0.747	9.96	0.08	9.86	13.15	33.05	46.00	12.95	Average
10	0.747	9.96	0.08	9.86	28.26	48.16	56.00	7.84	QP
11	1.523	9.97	0.10	9.86	11.91	31.84	46.00	14.16	Average
12	1.523	9.97	0.10	9.86	25.16	45.09	56.00	10.91	QP

Remarks: 1. Emission Level(dBµV)= AMN Factor(dB) + Cable Loss(dB) + Pulse Att.(dB) + Reading(dBµV).

Test Phase	Neutral	Test Result	Pass
Test Mode	Full Load	Test Model	CCR550PS36



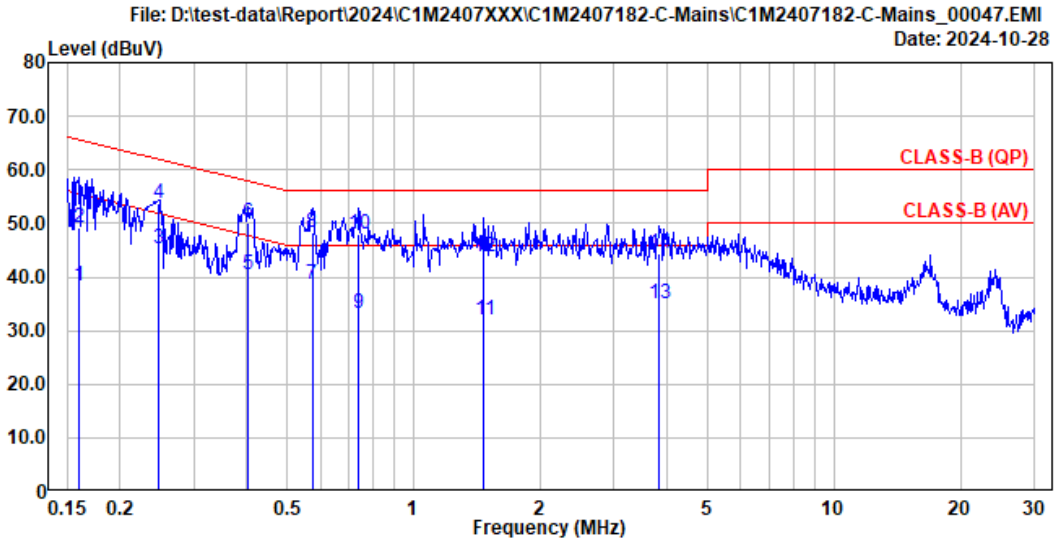
Site No. : No.5 Shielded Room
Instrument 1 : Receiver ESR(773)
Instrument 2 : ENV4200 (003)(A)|CE-04|ESH3-Z2 (355)
Limit : CLASS-B (QP)
Environment : 26*C / 62%
EUT Model : CCR550PS36
Test Mode : Mode 1

Data No. : 48
Phase : Neutral
Test Rating : 240Vac/50Hz
Engineer : Gary Tsai

	Freq. (MHz)	AMN Factor (dB)	Cable Loss (dB)	Pulse Att. (dB)	Reading (dBµV)	Emission Level (dBµV)	Limits (dBµV)	Margin (dB)	Remark
1	0.159	10.06	0.06	9.86	18.93	38.91	55.50	16.59	Average
2	0.159	10.06	0.06	9.86	30.10	50.08	65.50	15.42	QP
3	0.241	10.02	0.06	9.86	25.60	45.54	52.07	6.53	Average
4	0.241	10.02	0.06	9.86	32.09	52.03	62.07	10.04	QP
5	0.570	9.95	0.07	9.86	19.97	39.85	46.00	6.15	Average
6	0.570	9.95	0.07	9.86	29.83	49.71	56.00	6.29	QP
7	0.696	9.94	0.08	9.86	17.82	37.70	46.00	8.30	Average
8	0.696	9.94	0.08	9.86	30.29	50.17	56.00	5.83	QP
9	0.858	9.93	0.08	9.86	13.72	33.59	46.00	12.41	Average
10	0.858	9.93	0.08	9.86	26.01	45.88	56.00	10.12	QP
11	2.202	9.97	0.12	9.86	12.00	31.95	46.00	14.05	Average
12	2.202	9.97	0.12	9.86	24.46	44.41	56.00	11.59	QP

Remarks: 1. Emission Level(dBµV)= AMN Factor(dB) + Cable Loss(dB) + Pulse Att.(dB) + Reading(dBµV).

Test Phase	Line	Test Result	Pass
Test Mode	Full Load	Test Model	CCR550PS36



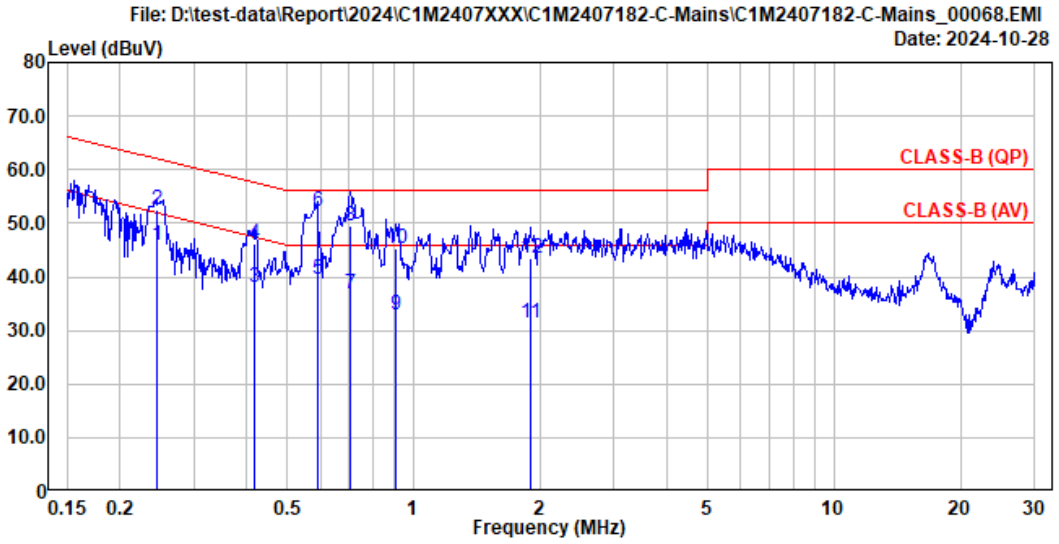
Site No. : No.5 Shielded Room
Instrument 1 : Receiver ESR(773)
Instrument 2 : ENV4200 (003)(A)|CE-04|ESH3-Z2 (355)
Limit : CLASS-B (QP)
Environment : 26*C / 62%
EUT Model : CCR550PS36
Test Mode : Mode 1

Data No. : 47
Phase : Line
Test Rating : 240Vac/50Hz
Engineer : Gary Tsai

	Freq. (MHz)	AMN Factor (dB)	Cable Loss (dB)	Pulse Att. (dB)	Reading (dBµV)	Emission Level (dBµV)	Limits (dBµV)	Margin (dB)	Remark
1	0.159	10.06	0.06	9.86	18.46	38.44	55.50	17.06	Average
2	0.159	10.06	0.06	9.86	29.10	49.08	65.50	16.42	QP
3	0.248	10.02	0.06	9.86	25.31	45.25	51.82	6.57	Average
4	0.248	10.02	0.06	9.86	33.70	53.64	61.82	8.18	QP
5	0.404	9.97	0.07	9.86	20.42	40.32	47.76	7.44	Average
6	0.404	9.97	0.07	9.86	30.13	50.03	57.76	7.73	QP
7	0.573	9.96	0.07	9.86	18.86	38.75	46.00	7.25	Average
8	0.573	9.96	0.07	9.86	28.53	48.42	56.00	7.58	QP
9	0.739	9.96	0.08	9.86	13.16	33.06	46.00	12.94	Average
10	0.739	9.96	0.08	9.86	28.06	47.96	56.00	8.04	QP
11	1.471	9.97	0.10	9.86	12.10	32.03	46.00	13.97	Average
12	1.471	9.97	0.10	9.86	23.83	43.76	56.00	12.24	QP
13	3.848	10.11	0.16	9.87	14.89	35.03	46.00	10.97	Average
14	3.848	10.11	0.16	9.87	24.20	44.34	56.00	11.66	QP

Remarks: 1. Emission Level(dBµV)= AMN Factor(dB) + Cable Loss(dB) + Pulse Att.(dB) + Reading(dBµV).

Test Phase	Neutral	Test Result	Pass
Test Mode	Full Load	Test Model	CCR550PS48



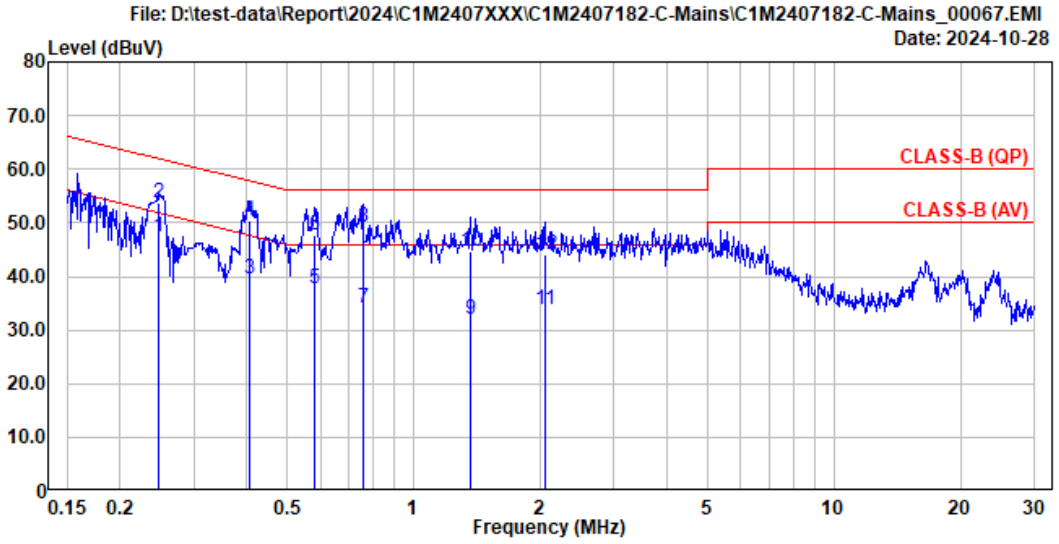
Site No. : No.5 Shielded Room
Instrument 1 : Receiver ESR(773)
Instrument 2 : ENV4200 (003)(A)|CE-04|ESH3-Z2 (355)
Limit : CLASS-B (QP)
Environment : 26*C / 62%
EUT Model : CCR550PS48
Test Mode : Mode 1

Data No. : 68
Phase : Neutral
Test Rating : 240Vac/50Hz
Engineer : Gary Tsai

	Freq. (MHz)	AMN Factor (dB)	Cable Loss (dB)	Pulse Att. (dB)	Reading (dBµV)	Emission Level (dBµV)	Limits (dBµV)	Margin (dB)	Remark
1	0.244	10.02	0.06	9.86	25.93	45.87	51.94	6.07	Average
2	0.244	10.02	0.06	9.86	32.70	52.64	61.94	9.30	QP
3	0.417	9.96	0.07	9.86	18.25	38.14	47.51	9.37	Average
4	0.417	9.96	0.07	9.86	26.25	46.14	57.51	11.37	QP
5	0.591	9.95	0.07	9.86	19.61	39.49	46.00	6.51	Average
6	0.591	9.95	0.07	9.86	32.47	52.35	56.00	3.65	QP
7	0.707	9.94	0.08	9.86	16.92	36.80	46.00	9.20	Average
8	0.707	9.94	0.08	9.86	29.56	49.44	56.00	6.56	QP
9	0.907	9.93	0.08	9.86	13.03	32.90	46.00	13.10	Average
10	0.907	9.93	0.08	9.86	25.44	45.31	56.00	10.69	QP
11	1.896	9.96	0.11	9.86	11.40	31.33	46.00	14.67	Average
12	1.896	9.96	0.11	9.86	23.61	43.54	56.00	12.46	QP

Remarks: 1. Emission Level(dBµV)= AMN Factor(dB) + Cable Loss(dB) + Pulse Att.(dB) + Reading(dBµV).

Test Phase	Line	Test Result	Pass
Test Mode	Full Load	Test Model	CCR550PS48



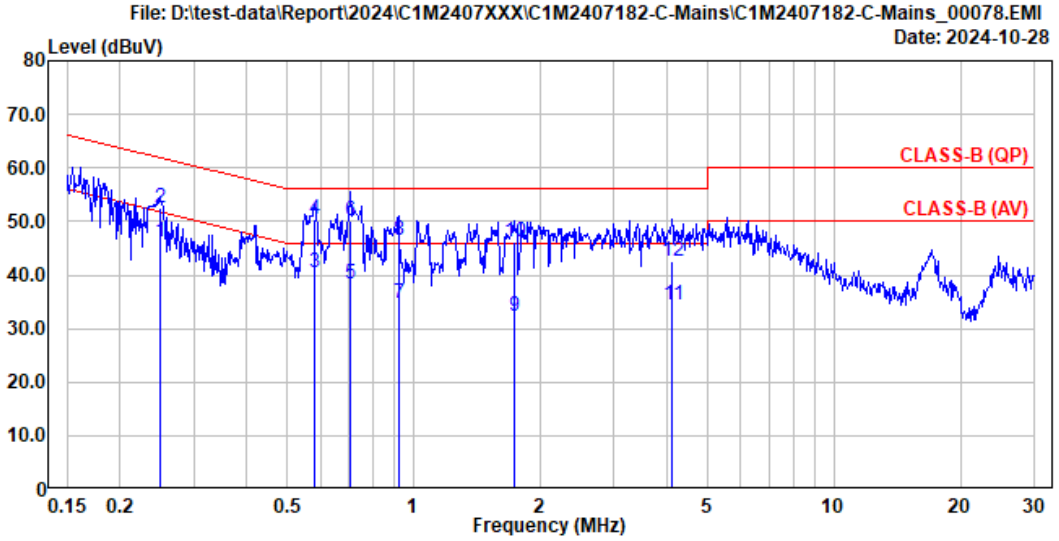
Site No. : No.5 Shielded Room
Instrument 1 : Receiver ESR(773)
Instrument 2 : ENV4200 (003)(A)|CE-04|ESH3-Z2 (355)
Limit : CLASS-B (QP)
Environment : 26*C / 62%
EUT Model : CCR550PS48
Test Mode : Mode 1

Data No. : 67
Phase : Line
Test Rating : 240Vac/50Hz
Engineer : Gary Tsai

	Freq. (MHz)	AMN Factor (dB)	Cable Loss (dB)	Pulse Att. (dB)	Reading (dBµV)	Emission Level (dBµV)	Limits (dBµV)	Margin (dB)	Remark
1	0.248	10.02	0.06	9.86	27.53	47.47	51.82	4.35	Average
2	0.248	10.02	0.06	9.86	33.76	53.70	61.82	8.12	QP
3	0.406	9.97	0.07	9.86	19.61	39.51	47.72	8.21	Average
4	0.406	9.97	0.07	9.86	30.38	50.28	57.72	7.44	QP
5	0.579	9.96	0.07	9.86	17.74	37.63	46.00	8.37	Average
6	0.579	9.96	0.07	9.86	27.90	47.79	56.00	8.21	QP
7	0.758	9.96	0.08	9.86	14.22	34.12	46.00	11.88	Average
8	0.758	9.96	0.08	9.86	29.32	49.22	56.00	6.78	QP
9	1.365	9.96	0.10	9.86	12.02	31.94	46.00	14.06	Average
10	1.365	9.96	0.10	9.86	24.88	44.80	56.00	11.20	QP
11	2.054	9.99	0.11	9.86	13.73	33.69	46.00	12.31	Average
12	2.054	9.99	0.11	9.86	24.11	44.07	56.00	11.93	QP

Remarks: 1. Emission Level(dBµV)= AMN Factor(dB) + Cable Loss(dB) + Pulse Att.(dB) + Reading(dBµV).

Test Phase	Neutral	Test Result	Pass
Test Mode	Full Load	Test Model	CCR550PS54



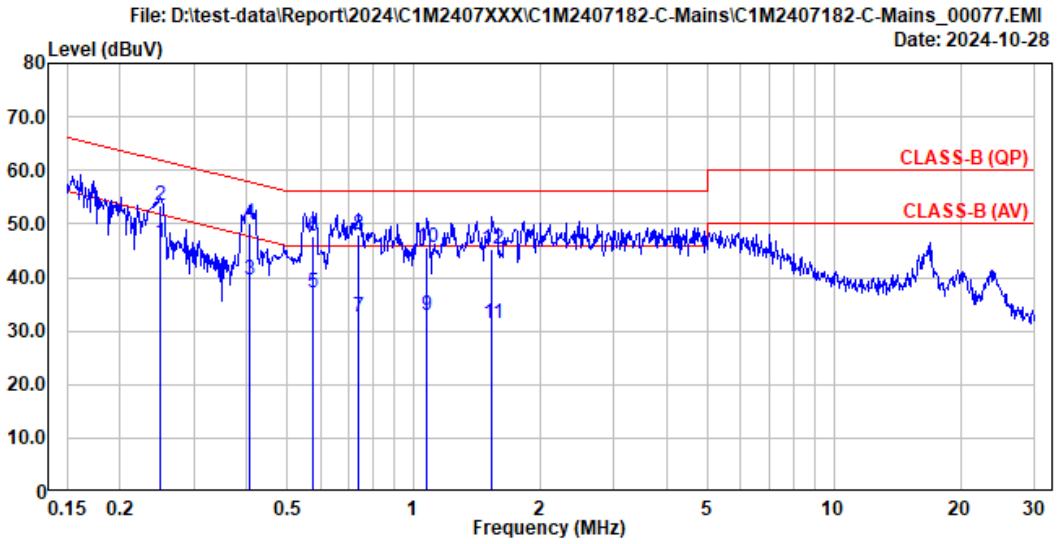
Site No. : No.5 Shielded Room
Instrument 1 : Receiver ESR(773)
Instrument 2 : ENV4200 (003)(A)|CE-04|ESH3-Z2 (355)
Limit : CLASS-B (QP)
Environment : 26*C / 62%
EUT Model : CCR550PS54
Test Mode : Mode 1

Data No. : 78
Phase : Neutral
Test Rating : 240Vac/50Hz
Engineer : Gary Tsai

	Freq. (MHz)	AMN Factor (dB)	Cable Loss (dB)	Pulse Att. (dB)	Reading (dBµV)	Emission Level (dBµV)	Limits (dBµV)	Margin (dB)	Remark
1	0.249	10.01	0.06	9.86	26.20	46.13	51.78	5.65	Average
2	0.249	10.01	0.06	9.86	32.70	52.63	61.78	9.15	QP
3	0.579	9.95	0.07	9.86	20.48	40.36	46.00	5.64	Average
4	0.579	9.95	0.07	9.86	30.55	50.43	56.00	5.57	QP
5	0.707	9.94	0.08	9.86	18.44	38.32	46.00	7.68	Average
6	0.707	9.94	0.08	9.86	30.31	50.19	56.00	5.81	QP
7	0.921	9.93	0.08	9.86	14.85	34.72	46.00	11.28	Average
8	0.921	9.93	0.08	9.86	26.55	46.42	56.00	9.58	QP
9	1.734	9.95	0.11	9.86	12.45	32.37	46.00	13.63	Average
10	1.734	9.95	0.11	9.86	26.28	46.20	56.00	9.80	QP
11	4.127	10.08	0.16	9.87	14.37	34.48	46.00	11.52	Average
12	4.127	10.08	0.16	9.87	22.49	42.60	56.00	13.40	QP

Remarks: 1. Emission Level(dBµV)= AMN Factor(dB) + Cable Loss(dB) + Pulse Att.(dB) + Reading(dBµV).

Test Phase	Line	Test Result	Pass
Test Mode	Full Load	Test Model	CCR550PS54



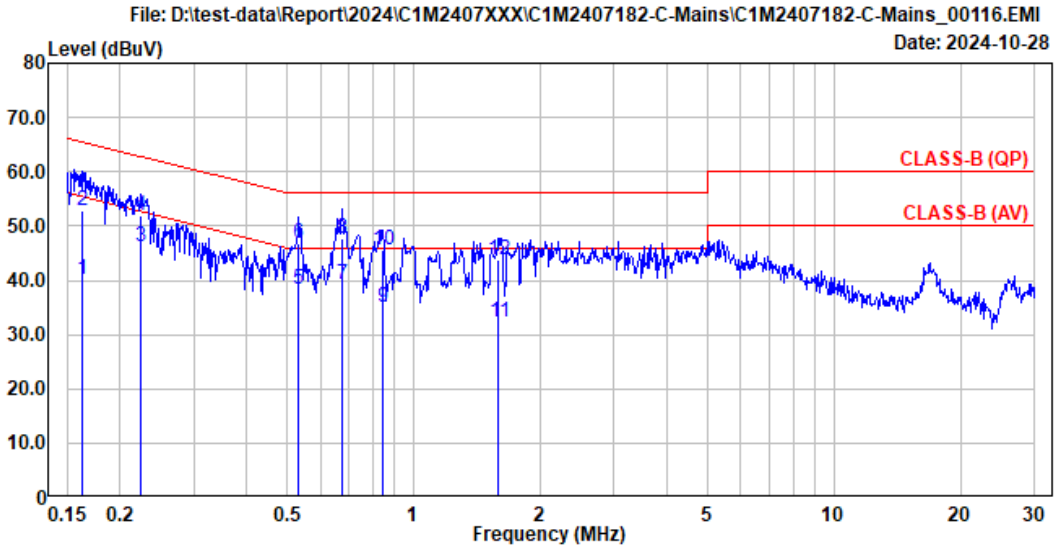
Site No. : No.5 Shielded Room
Instrument 1 : Receiver ESR(773)
Instrument 2 : ENV4200 (003)(A)|CE-04|ESH3-Z2 (355)
Limit : CLASS-B (QP)
Environment : 26*C / 62%
EUT Model : CCR550PS54
Test Mode : Mode 1

Data No. : 77
Phase : Line
Test Rating : 240Vac/50Hz
Engineer : Gary Tsai

	Freq. (MHz)	AMN Factor (dB)	Cable Loss (dB)	Pulse Att. (dB)	Reading (dBµV)	Emission Level (dBµV)	Limits (dBµV)	Margin (dB)	Remark
1	0.249	10.02	0.06	9.86	26.70	46.64	51.78	5.14	Average
2	0.249	10.02	0.06	9.86	33.48	53.42	61.78	8.36	QP
3	0.408	9.97	0.07	9.86	19.70	39.60	47.68	8.08	Average
4	0.408	9.97	0.07	9.86	30.23	50.13	57.68	7.55	QP
5	0.576	9.96	0.07	9.86	17.39	37.28	46.00	8.72	Average
6	0.576	9.96	0.07	9.86	27.94	47.83	56.00	8.17	QP
7	0.739	9.96	0.08	9.86	12.85	32.75	46.00	13.25	Average
8	0.739	9.96	0.08	9.86	28.25	48.15	56.00	7.85	QP
9	1.074	9.95	0.08	9.86	13.03	32.92	46.00	13.08	Average
10	1.074	9.95	0.08	9.86	25.78	45.67	56.00	10.33	QP
11	1.538	9.97	0.10	9.86	11.49	31.42	46.00	14.58	Average
12	1.538	9.97	0.10	9.86	25.49	45.42	56.00	10.58	QP

Remarks: 1. Emission Level(dBµV)= AMN Factor(dB) + Cable Loss(dB) + Pulse Att.(dB) + Reading(dBµV).

Test Phase	Neutral	Test Result	Pass
Test Mode	Full Load	Test Model	CCR550PS24



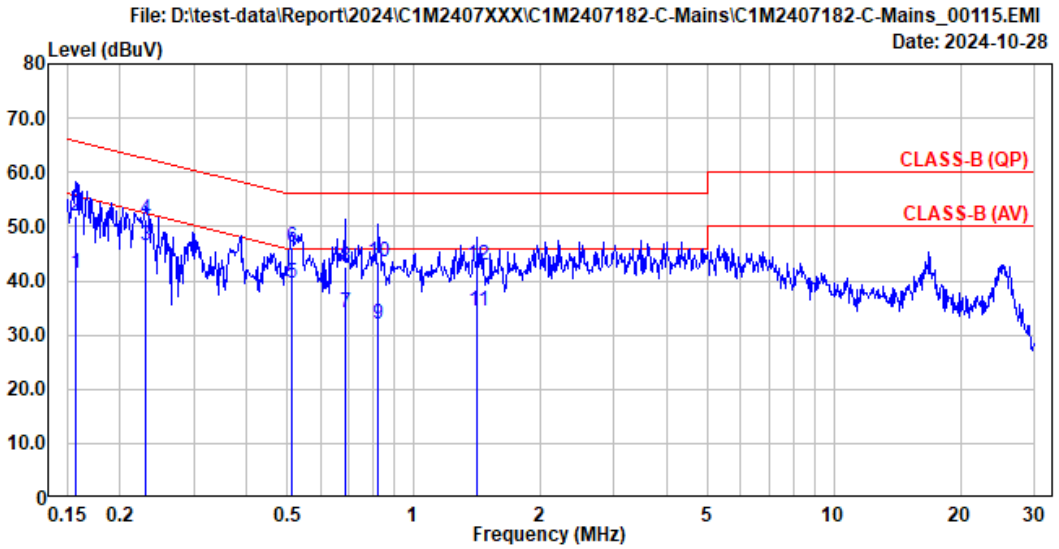
Site No. : No.5 Shielded Room
Instrument 1 : Receiver ESR(773)
Instrument 2 : ENV4200 (003)(A)|CE-04|ESH3-Z2 (355)
Limit : CLASS-B (QP)
Environment : 26*C / 62%
EUT Model : CCR550PS24
Test Mode : Mode 1
Class Ⅱ

Data No. : 116
Phase : Neutral
Test Rating : 240Vac/50Hz
Engineer : Gary Tsai

	Freq. (MHz)	AMN Factor (dB)	Cable Loss (dB)	Pulse Att. (dB)	Reading (dBµV)	Emission Level (dBµV)	Limits (dBµV)	Margin (dB)	Remark
1	0.162	10.05	0.06	9.86	20.33	40.30	55.34	15.04	Average
2	0.162	10.05	0.06	9.86	32.97	52.94	65.34	12.40	QP
3	0.225	10.03	0.06	9.86	26.35	46.30	52.65	6.35	Average
4	0.225	10.03	0.06	9.86	32.00	51.95	62.65	10.70	QP
5	0.532	9.95	0.07	9.86	18.43	38.31	46.00	7.69	Average
6	0.532	9.95	0.07	9.86	26.97	46.85	56.00	9.15	QP
7	0.676	9.94	0.08	9.86	19.25	39.13	46.00	6.87	Average
8	0.676	9.94	0.08	9.86	27.87	47.75	56.00	8.25	QP
9	0.846	9.94	0.08	9.86	15.18	35.06	46.00	10.94	Average
10	0.846	9.94	0.08	9.86	25.60	45.48	56.00	10.52	QP
11	1.593	9.95	0.10	9.86	12.40	32.31	46.00	13.69	Average
12	1.593	9.95	0.10	9.86	23.87	43.78	56.00	12.22	QP

Remarks: 1. Emission Level(dBµV)= AMN Factor(dB) + Cable Loss(dB) + Pulse Att.(dB) + Reading(dBµV).

Test Phase	Line	Test Result	Pass
Test Mode	Full Load	Test Model	CCR550PS24



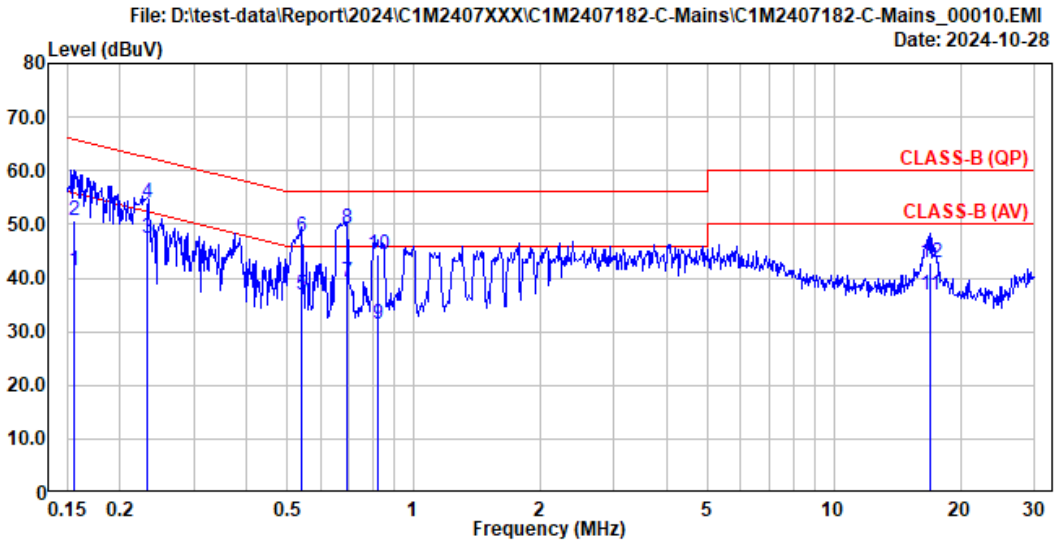
Site No. : No.5 Shielded Room
Instrument 1 : Receiver ESR(773)
Instrument 2 : ENV4200 (003)(A)|CE-04|ESH3-Z2 (355)
Limit : CLASS-B (QP)
Environment : 26*C / 62%
EUT Model : CCR550PS24
Test Mode : Mode 1
Class Ⅱ

Data No. : 115
Phase : Line
Test Rating : 240Vac/50Hz
Engineer : Gary Tsai

	Freq. (MHz)	AMN Factor (dB)	Cable Loss (dB)	Pulse Att. (dB)	Reading (dBµV)	Emission Level (dBµV)	Limits (dBµV)	Margin (dB)	Remark
1	0.157	10.06	0.06	9.86	21.41	41.39	55.63	14.24	Average
2	0.157	10.06	0.06	9.86	31.94	51.92	65.63	13.71	QP
3	0.230	10.03	0.06	9.86	26.45	46.40	52.44	6.04	Average
4	0.230	10.03	0.06	9.86	31.41	51.36	62.44	11.08	QP
5	0.511	9.96	0.07	9.86	19.69	39.58	46.00	6.42	Average
6	0.511	9.96	0.07	9.86	26.18	46.07	56.00	9.93	QP
7	0.686	9.96	0.08	9.86	14.15	34.05	46.00	11.95	Average
8	0.686	9.96	0.08	9.86	22.70	42.60	56.00	13.40	QP
9	0.825	9.95	0.08	9.86	12.06	31.95	46.00	14.05	Average
10	0.825	9.95	0.08	9.86	23.63	43.52	56.00	12.48	QP
11	1.420	9.97	0.10	9.86	14.37	34.30	46.00	11.70	Average
12	1.420	9.97	0.10	9.86	22.80	42.73	56.00	13.27	QP

Remarks: 1. Emission Level(dBµV)= AMN Factor(dB) + Cable Loss(dB) + Pulse Att.(dB) + Reading(dBµV).

Test Phase	Neutral	Test Result	Pass
Test Mode	Full Load	Test Model	CCR550PS12



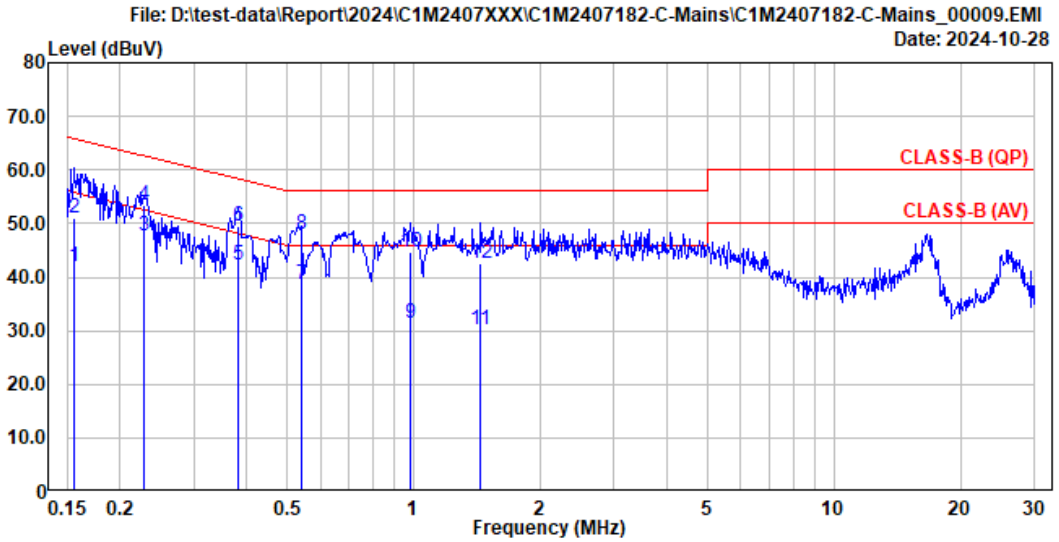
Site No. : No.5 Shielded Room
Instrument 1 : Receiver ESR(773)
Instrument 2 : ENV4200 (003)(A)|CE-04|ESH3-Z2 (355)
Limit : CLASS-B (QP)
Environment : 26*C / 62%
EUT Model : CCR550PS12
Test Mode : Mode 1

Data No. : 10
Phase : Neutral
Test Rating : 100Vac/50Hz
Engineer : Gary Tsai

	Freq. (MHz)	AMN Factor (dB)	Cable Loss (dB)	Pulse Att. (dB)	Reading (dBµV)	Emission Level (dBµV)	Limits (dBµV)	Margin (dB)	Remark
1	0.156	10.06	0.06	9.86	21.30	41.28	55.67	14.39	Average
2	0.156	10.06	0.06	9.86	30.87	50.85	65.67	14.82	QP
3	0.231	10.02	0.06	9.86	27.36	47.30	52.40	5.10	Average
4	0.231	10.02	0.06	9.86	33.98	53.92	62.40	8.48	QP
5	0.543	9.95	0.07	9.86	16.89	36.77	46.00	9.23	Average
6	0.543	9.95	0.07	9.86	27.67	47.55	56.00	8.45	QP
7	0.693	9.94	0.08	9.86	19.36	39.24	46.00	6.76	Average
8	0.693	9.94	0.08	9.86	29.28	49.16	56.00	6.84	QP
9	0.821	9.94	0.08	9.86	11.47	31.35	46.00	14.65	Average
10	0.821	9.94	0.08	9.86	24.55	44.43	56.00	11.57	QP
11	16.912	11.77	0.33	9.93	14.79	36.82	50.00	13.18	Average
12	16.912	11.77	0.33	9.93	20.96	42.99	60.00	17.01	QP

Remarks: 1. Emission Level(dBµV)= AMN Factor(dB) + Cable Loss(dB) + Pulse Att.(dB) + Reading(dBµV).

Test Phase	Line	Test Result	Pass
Test Mode	Full Load	Test Model	CCR550PS12



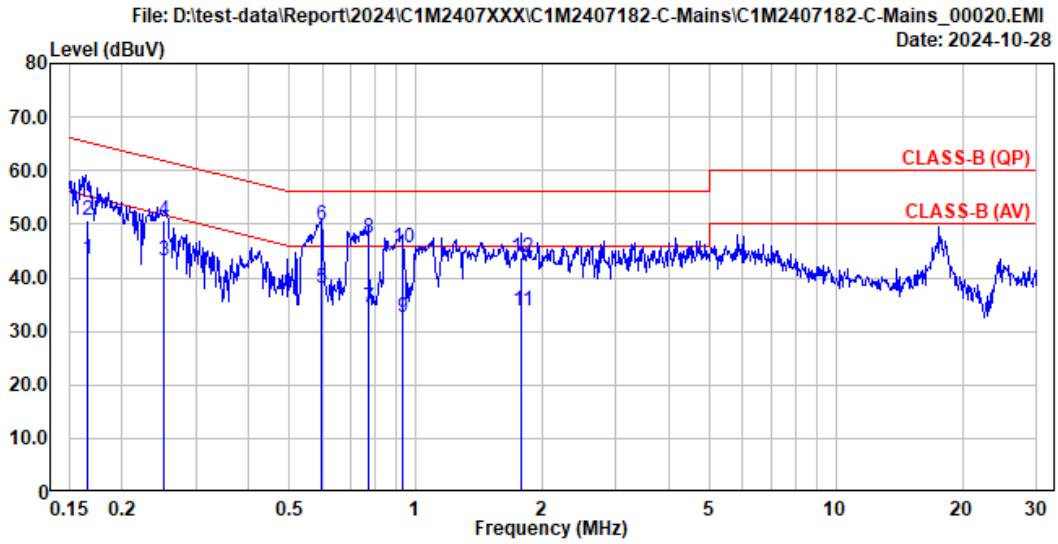
Site No. : No.5 Shielded Room
Instrument 1 : Receiver ESR(773)
Instrument 2 : ENV4200 (003)(A)|CE-04|ESH3-Z2 (355)
Limit : CLASS-B (QP)
Environment : 26*C / 62%
EUT Model : CCR550PS12
Test Mode : Mode 1

Data No. : 9
Phase : Line
Test Rating : 100Vac/50Hz
Engineer : Gary Tsai

	Freq. (MHz)	AMN Factor (dB)	Cable Loss (dB)	Pulse Att. (dB)	Reading (dBµV)	Emission Level (dBµV)	Limits (dBµV)	Margin (dB)	Remark
1	0.155	10.09	0.06	9.86	21.96	41.97	55.71	13.74	Average
2	0.155	10.09	0.06	9.86	30.99	51.00	65.71	14.71	QP
3	0.229	10.04	0.06	9.86	27.83	47.79	52.48	4.69	Average
4	0.229	10.04	0.06	9.86	33.38	53.34	62.48	9.14	QP
5	0.383	9.98	0.07	9.86	22.22	42.13	48.22	6.09	Average
6	0.383	9.98	0.07	9.86	29.56	49.47	58.22	8.75	QP
7	0.540	9.96	0.07	9.86	18.66	38.55	46.00	7.45	Average
8	0.540	9.96	0.07	9.86	28.21	48.10	56.00	7.90	QP
9	0.982	9.94	0.08	9.86	11.47	31.35	46.00	14.65	Average
10	0.982	9.94	0.08	9.86	24.87	44.75	56.00	11.25	QP
11	1.442	9.96	0.10	9.86	10.16	30.08	46.00	15.92	Average
12	1.442	9.96	0.10	9.86	22.74	42.66	56.00	13.34	QP

Remarks: 1. Emission Level(dBµV)= AMN Factor(dB) + Cable Loss(dB) + Pulse Att.(dB) + Reading(dBµV).

Test Phase	Neutral	Test Result	Pass
Test Mode	Full Load	Test Model	CCR550PS15



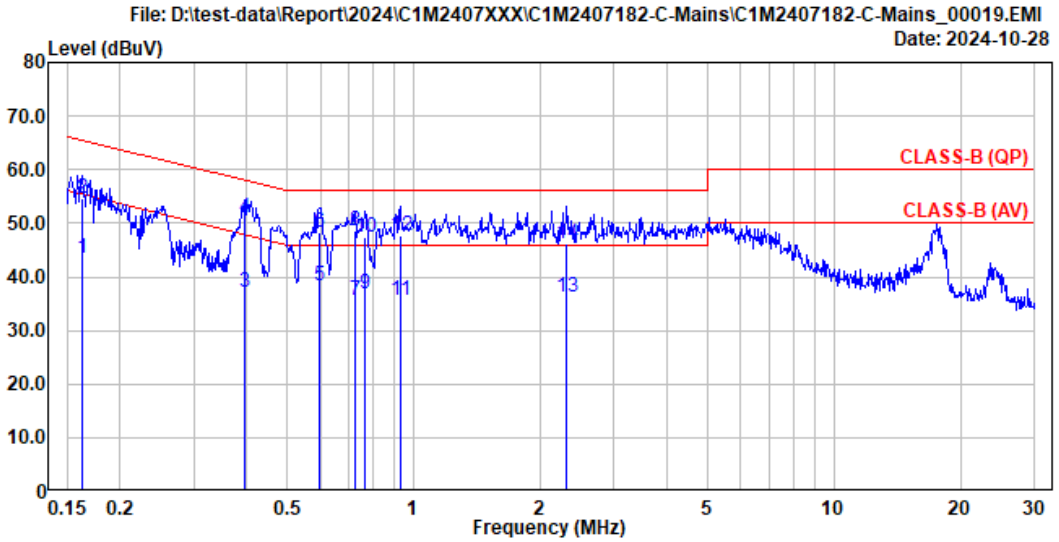
Site No. : No.5 Shielded Room
Instrument 1 : Receiver ESR(773)
Instrument 2 : ENV4200 (003)(A)|CE-04|ESH3-Z2 (355)
Limit : CLASS-B (QP)
Environment : 26*C / 62%
EUT Model : CCR550PS15
Test Mode : Mode 1

Data No. : 20
Phase : Neutral
Test Rating : 100Vac/50Hz
Engineer : Gary Tsai

	Freq. (MHz)	AMN Factor (dB)	Cable Loss (dB)	Pulse Att. (dB)	Reading (dBµV)	Emission Level (dBµV)	Limits (dBµV)	Margin (dB)	Remark
1	0.166	10.05	0.06	9.86	23.36	43.33	55.15	11.82	Average
2	0.166	10.05	0.06	9.86	30.84	50.81	65.15	14.34	QP
3	0.252	10.01	0.06	9.86	23.09	43.02	51.69	8.67	Average
4	0.252	10.01	0.06	9.86	30.71	50.64	61.69	11.05	QP
5	0.597	9.95	0.07	9.86	18.19	38.07	46.00	7.93	Average
6	0.597	9.95	0.07	9.86	29.86	49.74	56.00	6.26	QP
7	0.769	9.94	0.08	9.86	14.42	34.30	46.00	11.70	Average
8	0.769	9.94	0.08	9.86	27.41	47.29	56.00	8.71	QP
9	0.930	9.93	0.08	9.86	12.86	32.73	46.00	13.27	Average
10	0.930	9.93	0.08	9.86	25.62	45.49	56.00	10.51	QP
11	1.786	9.96	0.11	9.86	13.88	33.81	46.00	12.19	Average
12	1.786	9.96	0.11	9.86	23.91	43.84	56.00	12.16	QP

Remarks: 1. Emission Level(dBµV)= AMN Factor(dB) + Cable Loss(dB) + Pulse Att.(dB) + Reading(dBµV).

Test Phase	Line	Test Result	Pass
Test Mode	Full Load	Test Model	CCR550PS15



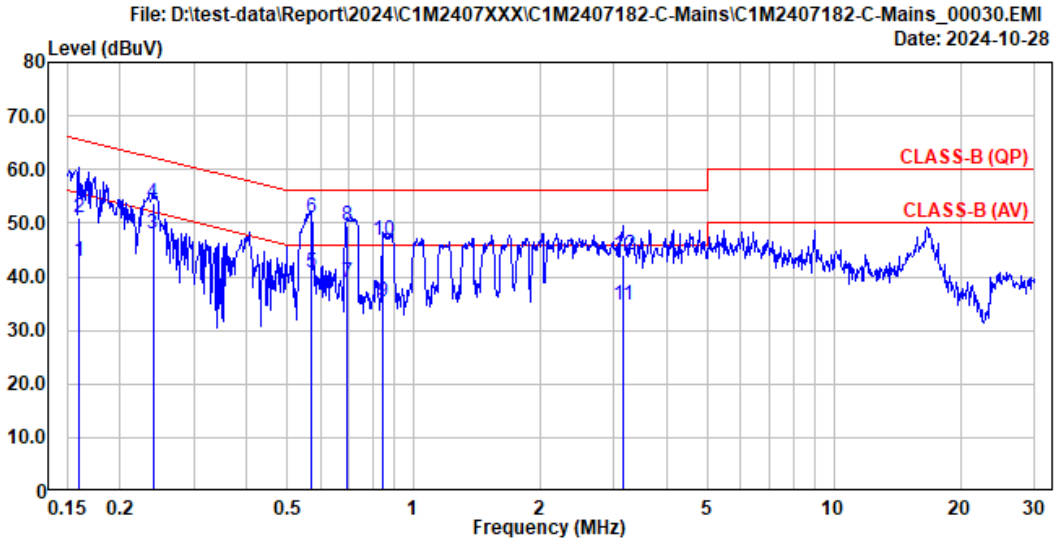
Site No. : No.5 Shielded Room
Instrument 1 : Receiver ESR(773)
Instrument 2 : ENV4200 (003)(A)|CE-04|ESH3-Z2 (355)
Limit : CLASS-B (QP)
Environment : 26*C / 62%
EUT Model : CCR550PS15
Test Mode : Mode 1

Data No. : 19
Phase : Line
Test Rating : 100Vac/50Hz
Engineer : Gary Tsai

	Freq. (MHz)	AMN Factor (dB)	Cable Loss (dB)	Pulse Att. (dB)	Reading (dBµV)	Emission Level (dBµV)	Limits (dBµV)	Margin (dB)	Remark
1	0.162	10.05	0.06	9.86	23.57	43.54	55.34	11.80	Average
2	0.162	10.05	0.06	9.86	34.74	54.71	65.34	10.63	QP
3	0.396	9.97	0.07	9.86	17.27	37.17	47.93	10.76	Average
4	0.396	9.97	0.07	9.86	31.03	50.93	57.93	7.00	QP
5	0.597	9.96	0.07	9.86	18.45	38.34	46.00	7.66	Average
6	0.597	9.96	0.07	9.86	28.53	48.42	56.00	7.58	QP
7	0.728	9.96	0.08	9.86	15.73	35.63	46.00	10.37	Average
8	0.728	9.96	0.08	9.86	28.55	48.45	56.00	7.55	QP
9	0.765	9.96	0.08	9.86	17.02	36.92	46.00	9.08	Average
10	0.765	9.96	0.08	9.86	27.62	47.52	56.00	8.48	QP
11	0.930	9.95	0.08	9.86	15.66	35.55	46.00	10.45	Average
12	0.930	9.95	0.08	9.86	27.76	47.65	56.00	8.35	QP
13	2.315	10.01	0.12	9.86	16.29	36.28	46.00	9.72	Average
14	2.315	10.01	0.12	9.86	26.30	46.29	56.00	9.71	QP

Remarks: 1. Emission Level(dBµV)= AMN Factor(dB) + Cable Loss(dB) + Pulse Att.(dB) + Reading(dBµV).

Test Phase	Neutral	Test Result	Pass
Test Mode	Full Load	Test Model	CCR550PS24



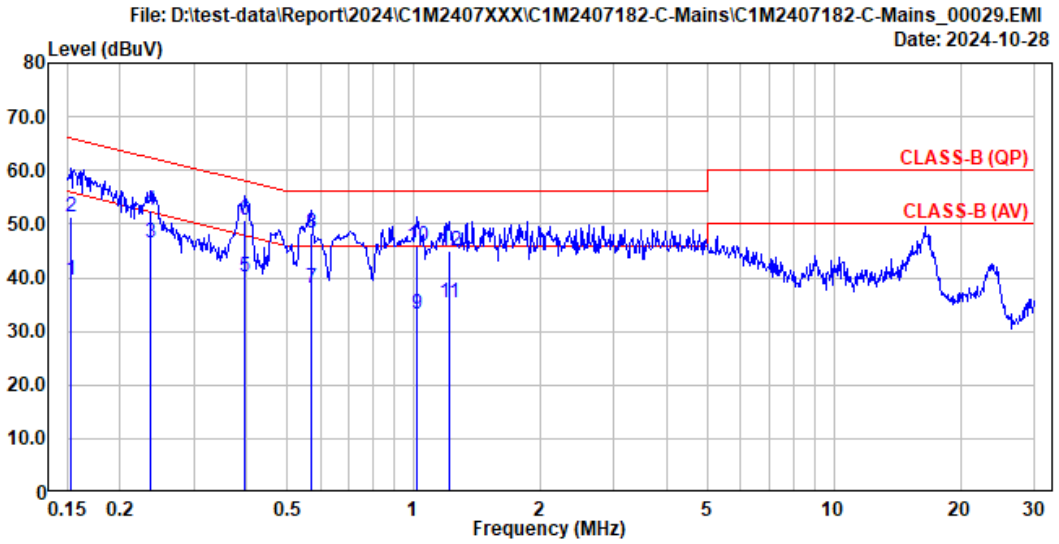
Site No. : No.5 Shielded Room
Instrument 1 : Receiver ESR(773)
Instrument 2 : ENV4200 (003)(A)|CE-04|ESH3-Z2 (355)
Limit : CLASS-B (QP)
Environment : 26*C / 62%
EUT Model : CCR550PS24
Test Mode : Mode 1

Data No. : 30
Phase : Neutral
Test Rating : 100Vac/50Hz
Engineer : Gary Tsai

	Freq. (MHz)	AMN Factor (dB)	Cable Loss (dB)	Pulse Att. (dB)	Reading (dBµV)	Emission Level (dBµV)	Limits (dBµV)	Margin (dB)	Remark
1	0.160	10.06	0.06	9.86	22.94	42.92	55.46	12.54	Average
2	0.160	10.06	0.06	9.86	30.98	50.96	65.46	14.50	QP
3	0.240	10.02	0.06	9.86	28.01	47.95	52.11	4.16	Average
4	0.240	10.02	0.06	9.86	33.73	53.67	62.11	8.44	QP
5	0.570	9.95	0.07	9.86	20.83	40.71	46.00	5.29	Average
6	0.570	9.95	0.07	9.86	31.28	51.16	56.00	4.84	QP
7	0.693	9.94	0.08	9.86	19.04	38.92	46.00	7.08	Average
8	0.693	9.94	0.08	9.86	29.73	49.61	56.00	6.39	QP
9	0.846	9.94	0.08	9.86	15.52	35.40	46.00	10.60	Average
10	0.846	9.94	0.08	9.86	26.84	46.72	56.00	9.28	QP
11	3.153	10.03	0.14	9.87	14.54	34.58	46.00	11.42	Average
12	3.153	10.03	0.14	9.87	24.05	44.09	56.00	11.91	QP

Remarks: 1. Emission Level(dBµV)= AMN Factor(dB) + Cable Loss(dB) + Pulse Att.(dB) + Reading(dBµV).

Test Phase	Line	Test Result	Pass
Test Mode	Full Load	Test Model	CCR550PS24



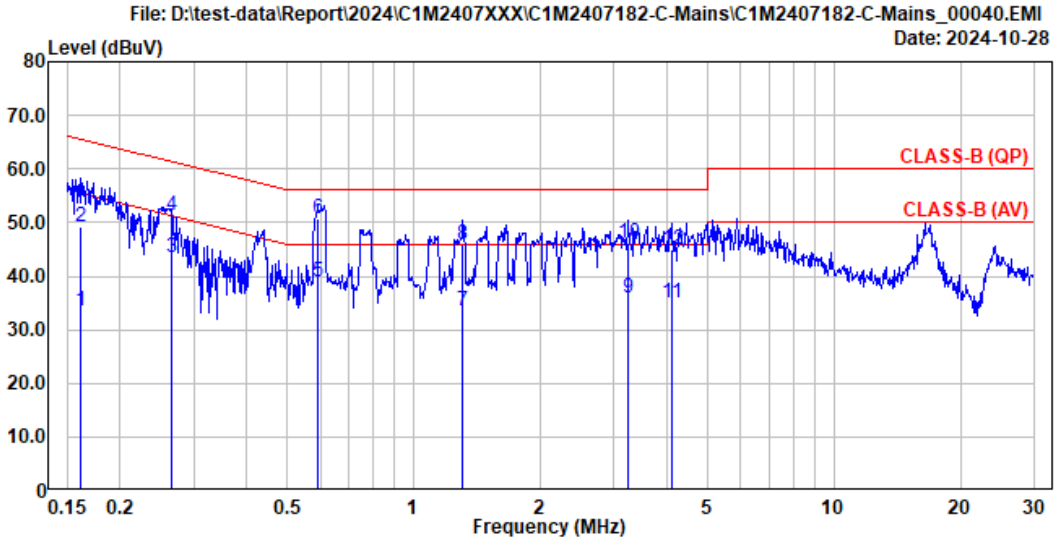
Site No. : No.5 Shielded Room
Instrument 1 : Receiver ESR(773)
Instrument 2 : ENV4200 (003)(A)|CE-04|ESH3-Z2 (355)
Limit : CLASS-B (QP)
Environment : 26*C / 62%
EUT Model : CCR550PS24
Test Mode : Mode 1

Data No. : 29
Phase : Line
Test Rating : 100Vac/50Hz
Engineer : Gary Tsai

	Freq. (MHz)	AMN Factor (dB)	Cable Loss (dB)	Pulse Att. (dB)	Reading (dBµV)	Emission Level (dBµV)	Limits (dBµV)	Margin (dB)	Remark
1	0.153	10.06	0.06	9.86	19.66	39.64	55.83	16.19	Average
2	0.153	10.06	0.06	9.86	31.32	51.30	65.83	14.53	QP
3	0.237	10.02	0.06	9.86	26.69	46.63	52.19	5.56	Average
4	0.237	10.02	0.06	9.86	32.48	52.42	62.19	9.77	QP
5	0.396	9.97	0.07	9.86	20.13	40.03	47.93	7.90	Average
6	0.396	9.97	0.07	9.86	30.68	50.58	57.93	7.35	QP
7	0.570	9.96	0.07	9.86	18.06	37.95	46.00	8.05	Average
8	0.570	9.96	0.07	9.86	28.30	48.19	56.00	7.81	QP
9	1.022	9.95	0.08	9.86	13.20	33.09	46.00	12.91	Average
10	1.022	9.95	0.08	9.86	25.98	45.87	56.00	10.13	QP
11	1.217	9.96	0.09	9.86	15.56	35.47	46.00	10.53	Average
12	1.217	9.96	0.09	9.86	25.00	44.91	56.00	11.09	QP

Remarks: 1. Emission Level(dBµV)= AMN Factor(dB) + Cable Loss(dB) + Pulse Att.(dB) + Reading(dBµV).

Test Phase	Neutral	Test Result	Pass
Test Mode	Full Load	Test Model	CCR550PS28



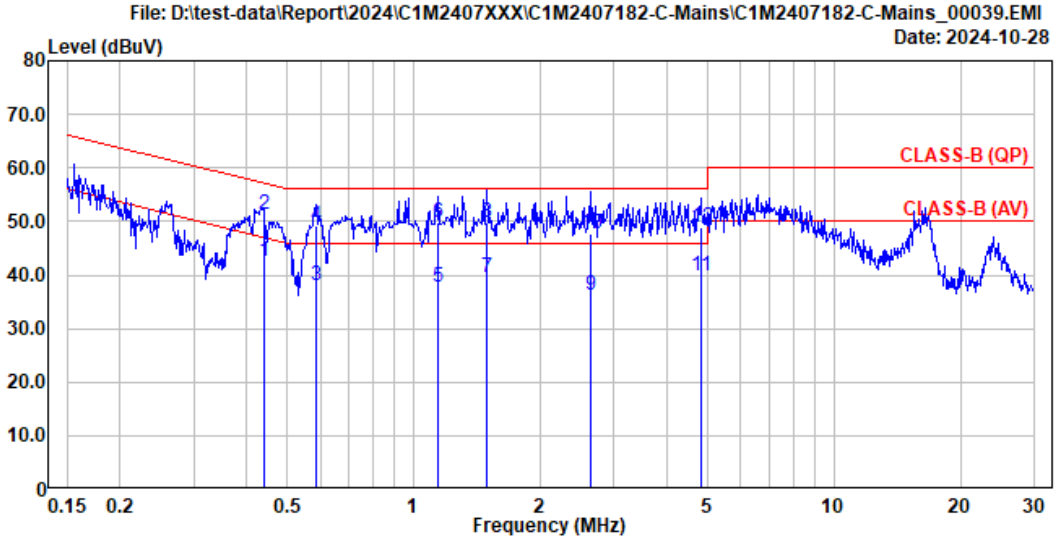
Site No. : No.5 Shielded Room
Instrument 1 : Receiver ESR(773)
Instrument 2 : ENV4200 (003)(A)|CE-04|ESH3-Z2 (355)
Limit : CLASS-B (QP)
Environment : 26*C / 62%
EUT Model : CCR550PS28
Test Mode : Mode 1

Data No. : 40
Phase : Neutral
Test Rating : 100Vac/50Hz
Engineer : Gary Tsai

	Freq. (MHz)	AMN Factor (dB)	Cable Loss (dB)	Pulse Att. (dB)	Reading (dBµV)	Emission Level (dBµV)	Limits (dBµV)	Margin (dB)	Remark
1	0.161	10.06	0.06	9.86	13.57	33.55	55.42	21.87	Average
2	0.161	10.06	0.06	9.86	29.22	49.20	65.42	16.22	QP
3	0.265	10.01	0.06	9.86	23.69	43.62	51.28	7.66	Average
4	0.265	10.01	0.06	9.86	31.52	51.45	61.28	9.83	QP
5	0.594	9.95	0.07	9.86	19.02	38.90	46.00	7.10	Average
6	0.594	9.95	0.07	9.86	30.74	50.62	56.00	5.38	QP
7	1.311	9.94	0.09	9.86	13.48	33.37	46.00	12.63	Average
8	1.311	9.94	0.09	9.86	26.05	45.94	56.00	10.06	QP
9	3.249	10.03	0.14	9.87	15.92	35.96	46.00	10.04	Average
10	3.249	10.03	0.14	9.87	26.22	46.26	56.00	9.74	QP
11	4.106	10.08	0.16	9.87	14.88	34.99	46.00	11.01	Average
12	4.106	10.08	0.16	9.87	24.85	44.96	56.00	11.04	QP

Remarks: 1. Emission Level(dBµV)= AMN Factor(dB) + Cable Loss(dB) + Pulse Att.(dB) + Reading(dBµV).

Test Phase	Line	Test Result	Pass
Test Mode	Full Load	Test Model	CCR550PS28



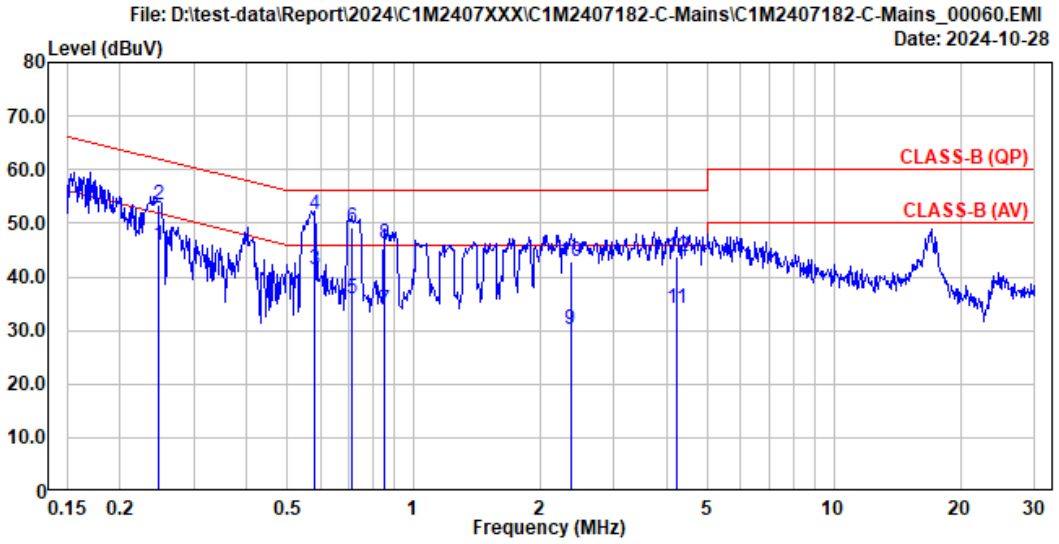
Site No. : No.5 Shielded Room
Instrument 1 : Receiver ESR(773)
Instrument 2 : ENV4200 (003)(A)|CE-04|ESH3-Z2 (355)
Limit : CLASS-B (QP)
Environment : 26*C / 62%
EUT Model : CCR550PS28
Test Mode : Mode 1

Data No. : 39
Phase : Line
Test Rating : 100Vac/50Hz
Engineer : Gary Tsai

	Freq. (MHz)	AMN Factor (dB)	Cable Loss (dB)	Pulse Att. (dB)	Reading (dBµV)	Emission Level (dBµV)	Limits (dBµV)	Margin (dB)	Remark
1	0.440	9.97	0.07	9.86	22.66	42.56	47.06	4.50	Average
2	0.440	9.97	0.07	9.86	31.41	51.31	57.06	5.75	QP
3	0.585	9.96	0.07	9.86	18.12	38.01	46.00	7.99	Average
4	0.585	9.96	0.07	9.86	29.35	49.24	56.00	6.76	QP
5	1.146	9.96	0.09	9.86	17.80	37.71	46.00	8.29	Average
6	1.146	9.96	0.09	9.86	29.83	49.74	56.00	6.26	QP
7	1.493	9.97	0.10	9.86	19.48	39.41	46.00	6.59	Average
8	1.493	9.97	0.10	9.86	29.97	49.90	56.00	6.10	QP
9	2.648	10.04	0.13	9.87	16.08	36.12	46.00	9.88	Average
10	2.648	10.04	0.13	9.87	27.72	47.76	56.00	8.24	QP
11	4.816	10.26	0.18	9.87	19.60	39.91	46.00	6.09	Average
12	4.816	10.26	0.18	9.87	28.73	49.04	56.00	6.96	QP

Remarks: 1. Emission Level(dBµV)= AMN Factor(dB) + Cable Loss(dB) + Pulse Att.(dB) + Reading(dBµV).

Test Phase	Neutral	Test Result	Pass
Test Mode	Full Load	Test Model	CCR550PS30



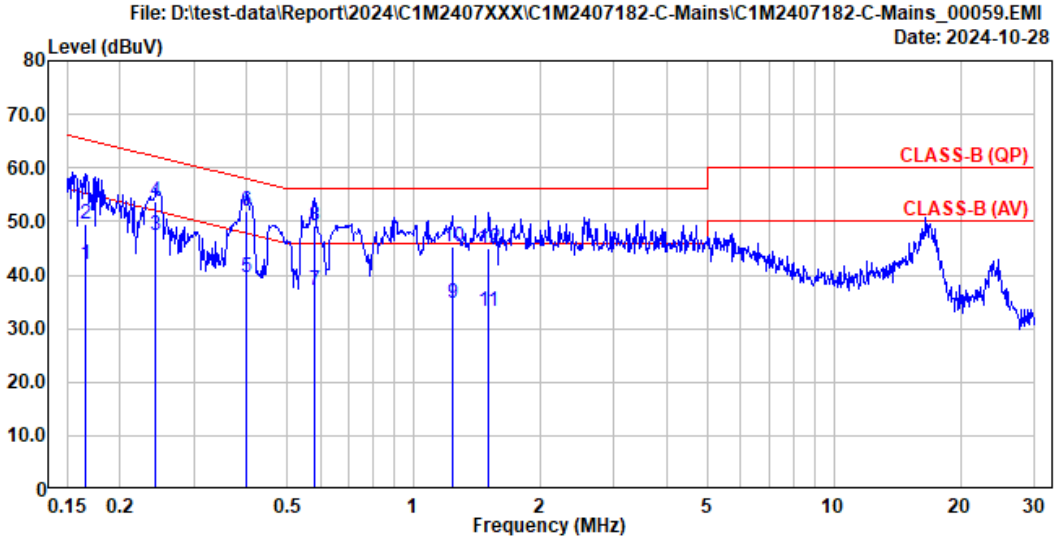
Site No. : No.5 Shielded Room
Instrument 1 : Receiver ESR(773)
Instrument 2 : ENV4200 (003)(A)|CE-04|ESH3-Z2 (355)
Limit : CLASS-B (QP)
Environment : 26*C / 62%
EUT Model : CCR550PS30
Test Mode : Mode 1

Data No. : 60
Phase : Neutral
Test Rating : 100Vac/50Hz
Engineer : Gary Tsai

	Freq. (MHz)	AMN Factor (dB)	Cable Loss (dB)	Pulse Att. (dB)	Reading (dBµV)	Emission Level (dBµV)	Limits (dBµV)	Margin (dB)	Remark
1	0.248	10.02	0.06	9.86	26.07	46.01	51.82	5.81	Average
2	0.248	10.02	0.06	9.86	33.52	53.46	61.82	8.36	QP
3	0.579	9.95	0.07	9.86	21.52	41.40	46.00	4.60	Average
4	0.579	9.95	0.07	9.86	31.66	51.54	56.00	4.46	QP
5	0.710	9.94	0.08	9.86	16.07	35.95	46.00	10.05	Average
6	0.710	9.94	0.08	9.86	29.31	49.19	56.00	6.81	QP
7	0.854	9.94	0.08	9.86	13.99	33.87	46.00	12.13	Average
8	0.854	9.94	0.08	9.86	26.27	46.15	56.00	9.85	QP
9	2.361	9.98	0.12	9.86	10.11	30.07	46.00	15.93	Average
10	2.361	9.98	0.12	9.86	22.86	42.82	56.00	13.18	QP
11	4.231	10.09	0.17	9.87	14.10	34.23	46.00	11.77	Average
12	4.231	10.09	0.17	9.87	23.59	43.72	56.00	12.28	QP

Remarks: 1. Emission Level(dBµV)= AMN Factor(dB) + Cable Loss(dB) + Pulse Att.(dB) + Reading(dBµV).

Test Phase	Line	Test Result	Pass
Test Mode	Full Load	Test Model	CCR550PS30



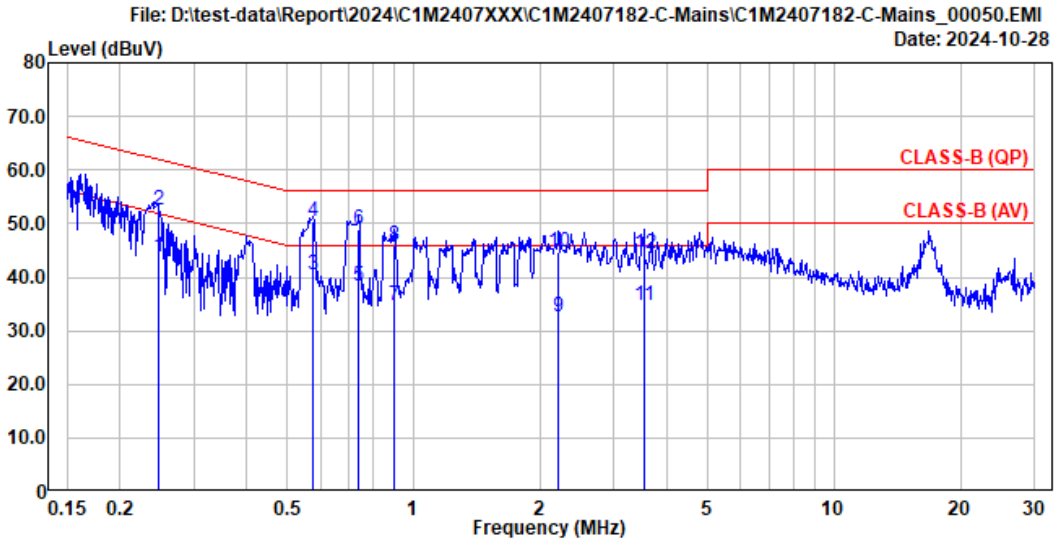
Site No. : No.5 Shielded Room
Instrument 1 : Receiver ESR(773)
Instrument 2 : ENV4200 (003)(A)|CE-04|ESH3-Z2 (355)
Limit : CLASS-B (QP)
Environment : 26*C / 62%
EUT Model : CCR550PS30
Test Mode : Mode 1

Data No. : 59
Phase : Line
Test Rating : 100Vac/50Hz
Engineer : Gary Tsai

	Freq. (MHz)	AMN Factor (dB)	Cable Loss (dB)	Pulse Att. (dB)	Reading (dBµV)	Emission Level (dBµV)	Limits (dBµV)	Margin (dB)	Remark
1	0.166	10.05	0.06	9.86	22.01	41.98	55.17	13.19	Average
2	0.166	10.05	0.06	9.86	29.47	49.44	65.17	15.73	QP
3	0.243	10.02	0.06	9.86	27.45	47.39	51.98	4.59	Average
4	0.243	10.02	0.06	9.86	33.87	53.81	61.98	8.17	QP
5	0.400	9.97	0.07	9.86	19.58	39.48	47.84	8.36	Average
6	0.400	9.97	0.07	9.86	32.05	51.95	57.84	5.89	QP
7	0.582	9.96	0.07	9.86	17.22	37.11	46.00	8.89	Average
8	0.582	9.96	0.07	9.86	29.19	49.08	56.00	6.92	QP
9	1.241	9.96	0.09	9.86	14.91	34.82	46.00	11.18	Average
10	1.241	9.96	0.09	9.86	25.49	45.40	56.00	10.60	QP
11	1.508	9.97	0.10	9.86	13.42	33.35	46.00	12.65	Average
12	1.508	9.97	0.10	9.86	25.18	45.11	56.00	10.89	QP

Remarks: 1. Emission Level(dBµV)= AMN Factor(dB) + Cable Loss(dB) + Pulse Att.(dB) + Reading(dBµV).

Test Phase	Neutral	Test Result	Pass
Test Mode	Full Load	Test Model	CCR550PS36



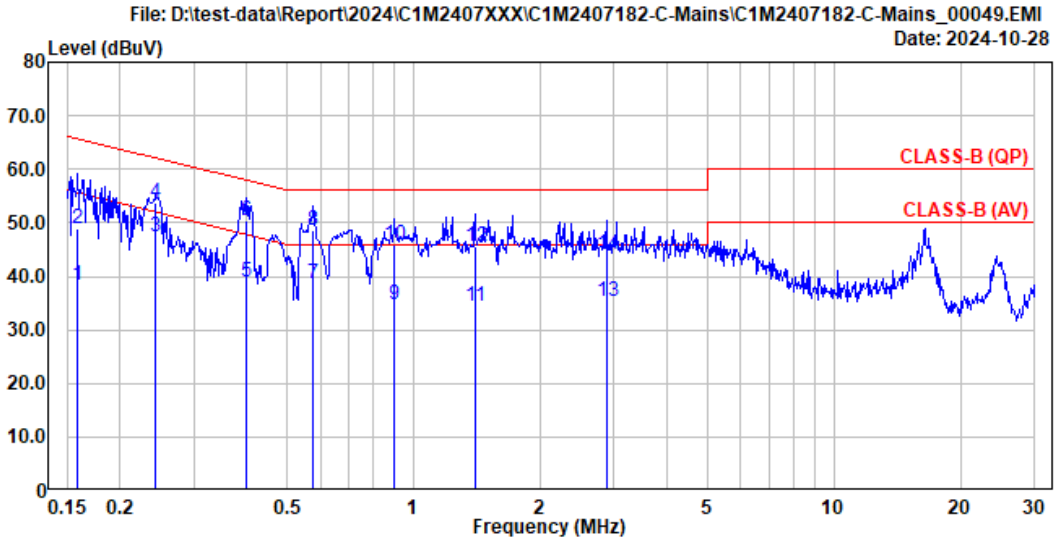
Site No. : No.5 Shielded Room
Instrument 1 : Receiver ESR(773)
Instrument 2 : ENV4200 (003)(A)|CE-04|ESH3-Z2 (355)
Limit : CLASS-B (QP)
Environment : 26*C / 62%
EUT Model : CCR550PS36
Test Mode : Mode 1

Data No. : 50
Phase : Neutral
Test Rating : 100Vac/50Hz
Engineer : Gary Tsai

	Freq. (MHz)	AMN Factor (dB)	Cable Loss (dB)	Pulse Att. (dB)	Reading (dBµV)	Emission Level (dBµV)	Limits (dBµV)	Margin (dB)	Remark
1	0.248	10.02	0.06	9.86	23.95	43.89	51.82	7.93	Average
2	0.248	10.02	0.06	9.86	32.62	52.56	61.82	9.26	QP
3	0.576	9.95	0.07	9.86	20.46	40.34	46.00	5.66	Average
4	0.576	9.95	0.07	9.86	30.63	50.51	56.00	5.49	QP
5	0.739	9.94	0.08	9.86	18.61	38.49	46.00	7.51	Average
6	0.739	9.94	0.08	9.86	29.15	49.03	56.00	6.97	QP
7	0.902	9.93	0.08	9.86	14.83	34.70	46.00	11.30	Average
8	0.902	9.93	0.08	9.86	26.05	45.92	56.00	10.08	QP
9	2.213	9.97	0.12	9.86	12.50	32.45	46.00	13.55	Average
10	2.213	9.97	0.12	9.86	24.69	44.64	56.00	11.36	QP
11	3.536	10.04	0.15	9.87	14.60	34.66	46.00	11.34	Average
12	3.536	10.04	0.15	9.87	24.24	44.30	56.00	11.70	QP

Remarks: 1. Emission Level(dBµV)= AMN Factor(dB) + Cable Loss(dB) + Pulse Att.(dB) + Reading(dBµV).

Test Phase	Line	Test Result	Pass
Test Mode	Full Load	Test Model	CCR550PS36



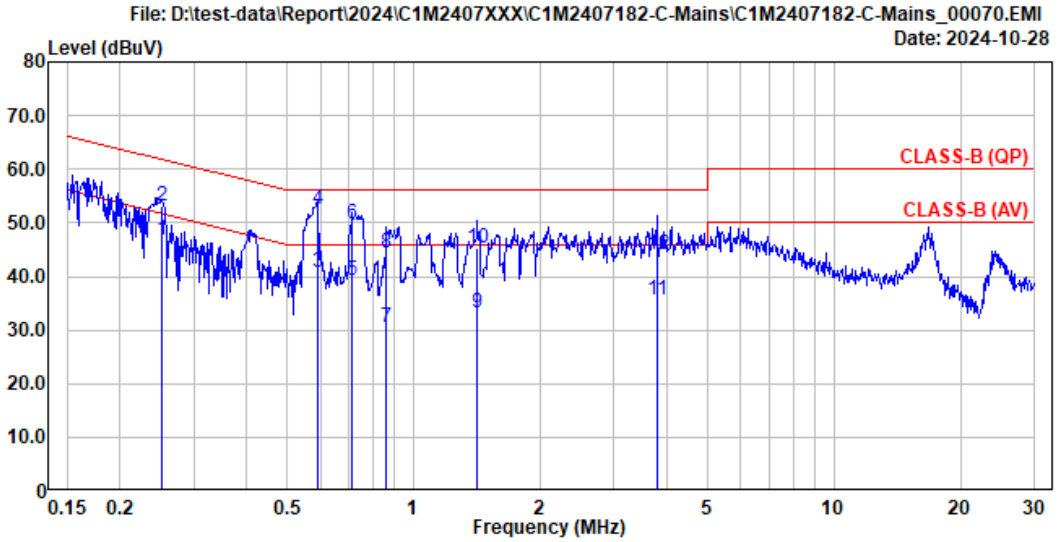
Site No. : No.5 Shielded Room
Instrument 1 : Receiver ESR(773)
Instrument 2 : ENV4200 (003)(A)|CE-04|ESH3-Z2 (355)
Limit : CLASS-B (QP)
Environment : 26*C / 62%
EUT Model : CCR550PS36
Test Mode : Mode 1

Data No. : 49
Phase : Line
Test Rating : 100Vac/50Hz
Engineer : Gary Tsai

	Freq. (MHz)	AMN Factor (dB)	Cable Loss (dB)	Pulse Att. (dB)	Reading (dBµV)	Emission Level (dBµV)	Limits (dBµV)	Margin (dB)	Remark
1	0.158	10.06	0.06	9.86	18.38	38.36	55.54	17.18	Average
2	0.158	10.06	0.06	9.86	28.93	48.91	65.54	16.63	QP
3	0.243	10.02	0.06	9.86	27.46	47.40	51.98	4.58	Average
4	0.243	10.02	0.06	9.86	33.74	53.68	61.98	8.30	QP
5	0.398	9.97	0.07	9.86	18.99	38.89	47.89	9.00	Average
6	0.398	9.97	0.07	9.86	30.63	50.53	57.89	7.36	QP
7	0.576	9.96	0.07	9.86	18.70	38.59	46.00	7.41	Average
8	0.576	9.96	0.07	9.86	28.63	48.52	56.00	7.48	QP
9	0.902	9.95	0.08	9.86	14.68	34.57	46.00	11.43	Average
10	0.902	9.95	0.08	9.86	26.06	45.95	56.00	10.05	QP
11	1.399	9.96	0.10	9.86	14.51	34.43	46.00	11.57	Average
12	1.399	9.96	0.10	9.86	25.61	45.53	56.00	10.47	QP
13	2.882	10.05	0.14	9.87	15.17	35.23	46.00	10.77	Average
14	2.882	10.05	0.14	9.87	24.05	44.11	56.00	11.89	QP

Remarks: 1. Emission Level(dBµV)= AMN Factor(dB) + Cable Loss(dB) + Pulse Att.(dB) + Reading(dBµV).

Test Phase	Neutral	Test Result	Pass
Test Mode	Full Load	Test Model	CCR550PS48

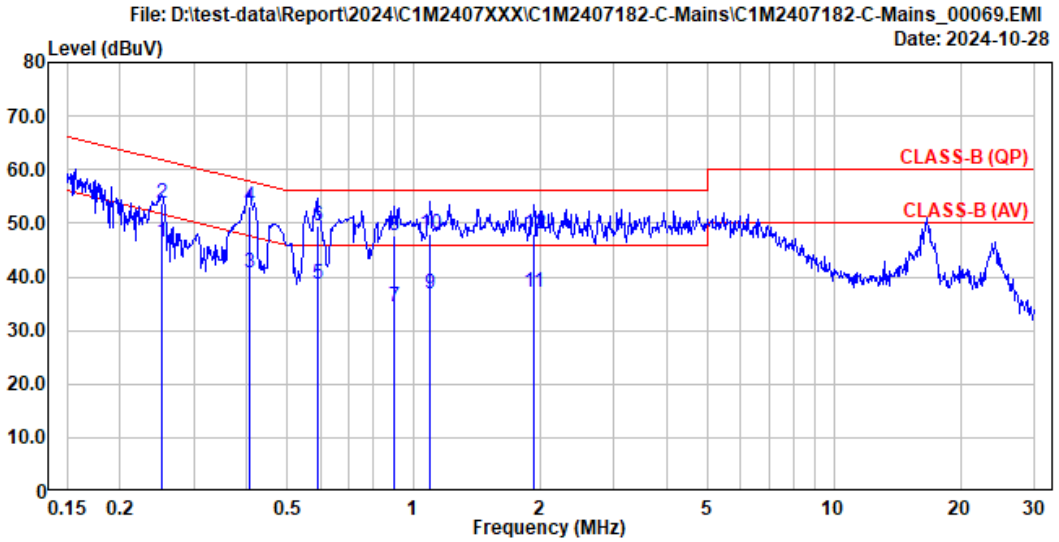


Site No. : No.5 Shielded Room
Data No. : 70
Instrument 1 : Receiver ESR(773)
Instrument 2 : ENV4200 (003)(A)|CE-04|ESH3-Z2 (355)
Limit : CLASS-B (QP)
Phase : Neutral
Environment : 26*C / 62%
Test Rating : 100Vac/50Hz
EUT Model : CCR550PS48
Engineer : Gary Tsai
Test Mode : Mode 1

	Freq. (MHz)	AMN Factor (dB)	Cable Loss (dB)	Pulse Att. (dB)	Reading (dBµV)	Emission Level (dBµV)	Limits (dBµV)	Margin (dB)	Remark
1	0.251	10.01	0.06	9.86	26.80	46.73	51.74	5.01	Average
2	0.251	10.01	0.06	9.86	33.28	53.21	61.74	8.53	QP
3	0.591	9.95	0.07	9.86	20.86	40.74	46.00	5.26	Average
4	0.591	9.95	0.07	9.86	32.63	52.51	56.00	3.49	QP
5	0.714	9.94	0.08	9.86	19.29	39.17	46.00	6.83	Average
6	0.714	9.94	0.08	9.86	29.93	49.81	56.00	6.19	QP
7	0.863	9.93	0.08	9.86	10.56	30.43	46.00	15.57	Average
8	0.863	9.93	0.08	9.86	24.50	44.37	56.00	11.63	QP
9	1.420	9.95	0.10	9.86	13.24	33.15	46.00	12.85	Average
10	1.420	9.95	0.10	9.86	25.41	45.32	56.00	10.68	QP
11	3.791	10.05	0.16	9.87	15.69	35.77	46.00	10.23	Average
12	3.791	10.05	0.16	9.87	24.11	44.19	56.00	11.81	QP

Remarks: 1. Emission Level(dBµV)= AMN Factor(dB) + Cable Loss(dB) + Pulse Att.(dB) + Reading(dBµV).

Test Phase	Line	Test Result	Pass
Test Mode	Full Load	Test Model	CCR550PS48

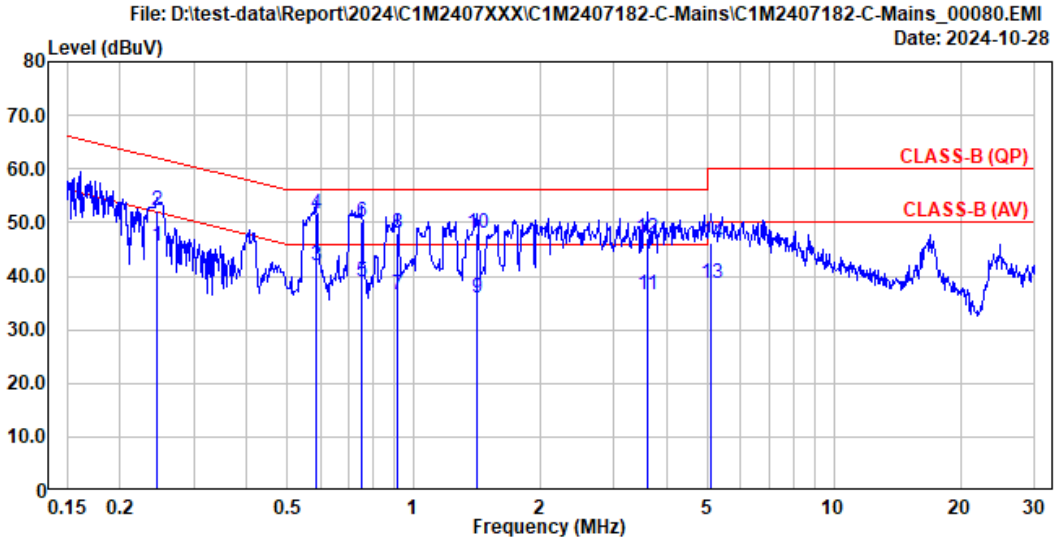


Site No. : No.5 Shielded Room
Data No. : 69
Instrument 1 : Receiver ESR(773)
Instrument 2 : ENV4200 (003)(A)|CE-04|ESH3-Z2 (355)
Limit : CLASS-B (QP)
Phase : Line
Environment : 26*C / 62%
Test Rating : 100Vac/50Hz
EUT Model : CCR550PS48
Engineer : Gary Tsai
Test Mode : Mode 1

	Freq. (MHz)	AMN Factor (dB)	Cable Loss (dB)	Pulse Att. (dB)	Reading (dBµV)	Emission Level (dBµV)	Limits (dBµV)	Margin (dB)	Remark
1	0.252	10.02	0.06	9.86	26.69	46.63	51.69	5.06	Average
2	0.252	10.02	0.06	9.86	33.74	53.68	61.69	8.01	QP
3	0.408	9.97	0.07	9.86	20.87	40.77	47.68	6.91	Average
4	0.408	9.97	0.07	9.86	33.28	53.18	57.68	4.50	QP
5	0.591	9.96	0.07	9.86	18.60	38.49	46.00	7.51	Average
6	0.591	9.96	0.07	9.86	29.64	49.53	56.00	6.47	QP
7	0.902	9.95	0.08	9.86	14.44	34.33	46.00	11.67	Average
8	0.902	9.95	0.08	9.86	27.80	47.69	56.00	8.31	QP
9	1.096	9.95	0.08	9.86	16.94	36.83	46.00	9.17	Average
10	1.096	9.95	0.08	9.86	28.26	48.15	56.00	7.85	QP
11	1.934	9.98	0.11	9.86	17.09	37.04	46.00	8.96	Average
12	1.934	9.98	0.11	9.86	28.09	48.04	56.00	7.96	QP

Remarks: 1. Emission Level(dBµV)= AMN Factor(dB) + Cable Loss(dB) + Pulse Att.(dB) + Reading(dBµV).

Test Phase	Neutral	Test Result	Pass
Test Mode	Full Load	Test Model	CCR550PS54



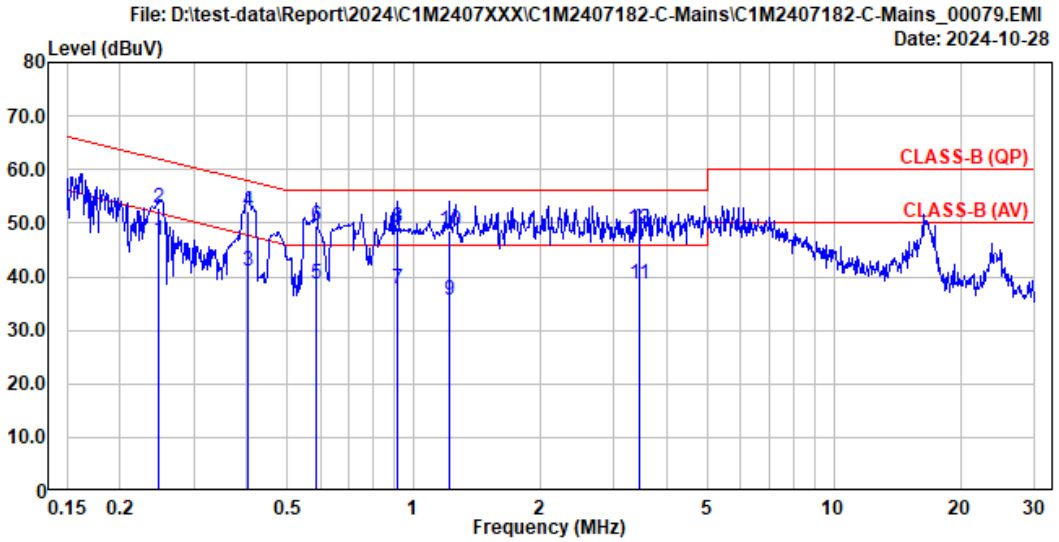
Site No. : No.5 Shielded Room
Instrument 1 : Receiver ESR(773)
Instrument 2 : ENV4200 (003)(A)|CE-04|ESH3-Z2 (355)
Limit : CLASS-B (QP)
Environment : 26*C / 62%
EUT Model : CCR550PS54
Test Mode : Mode 1

Data No. : 80
Phase : Neutral
Test Rating : 100Vac/50Hz
Engineer : Gary Tsai

	Freq. (MHz)	AMN Factor (dB)	Cable Loss (dB)	Pulse Att. (dB)	Reading (dBµV)	Emission Level (dBµV)	Limits (dBµV)	Margin (dB)	Remark
1	0.244	10.02	0.06	9.86	25.60	45.54	51.94	6.40	Average
2	0.244	10.02	0.06	9.86	32.19	52.13	61.94	9.81	QP
3	0.585	9.95	0.07	9.86	21.96	41.84	46.00	4.16	Average
4	0.585	9.95	0.07	9.86	31.83	51.71	56.00	4.29	QP
5	0.754	9.94	0.08	9.86	19.08	38.96	46.00	7.04	Average
6	0.754	9.94	0.08	9.86	30.37	50.25	56.00	5.75	QP
7	0.916	9.93	0.08	9.86	16.56	36.43	46.00	9.57	Average
8	0.916	9.93	0.08	9.86	28.24	48.11	56.00	7.89	QP
9	1.420	9.95	0.10	9.86	16.12	36.03	46.00	9.97	Average
10	1.420	9.95	0.10	9.86	28.20	48.11	56.00	7.89	QP
11	3.589	10.04	0.15	9.87	16.41	36.47	46.00	9.53	Average
12	3.589	10.04	0.15	9.87	27.08	47.14	56.00	8.86	QP
13	5.113	10.21	0.18	9.87	18.36	38.62	50.00	11.38	Average
14	5.113	10.21	0.18	9.87	26.05	46.31	60.00	13.69	QP

Remarks: 1. Emission Level(dBµV)= AMN Factor(dB) + Cable Loss(dB) + Pulse Att.(dB) + Reading(dBµV).

Test Phase	Line	Test Result	Pass
Test Mode	Full Load	Test Model	CCR550PS54



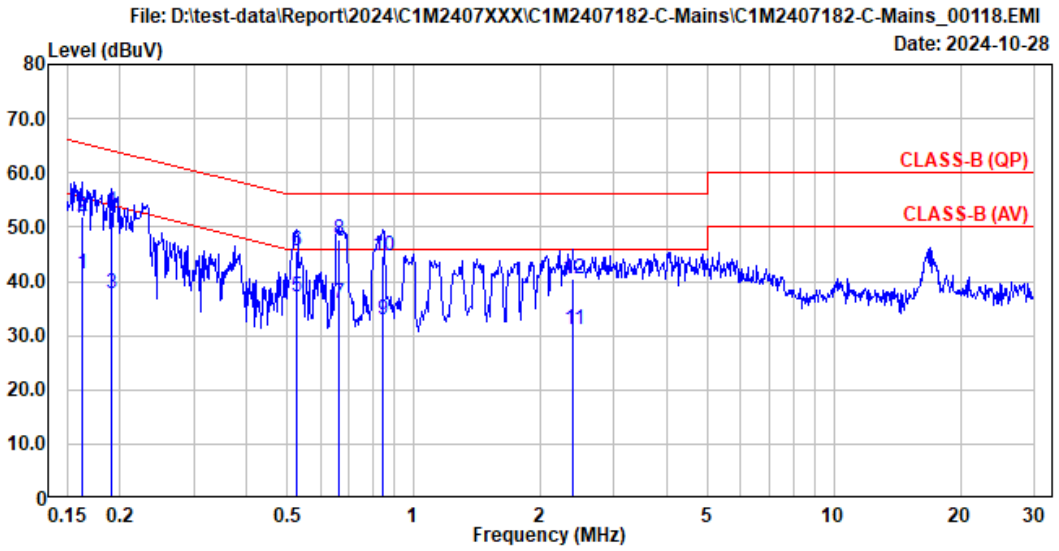
Site No. : No.5 Shielded Room
Instrument 1 : Receiver ESR(773)
Instrument 2 : ENV4200 (003)(A)|CE-04|ESH3-Z2 (355)
Limit : CLASS-B (QP)
Environment : 26*C / 62%
EUT Model : CCR550PS54
Test Mode : Mode 1

Data No. : 79
Phase : Line
Test Rating : 100Vac/50Hz
Engineer : Gary Tsai

	Freq. (MHz)	AMN Factor (dB)	Cable Loss (dB)	Pulse Att. (dB)	Reading (dBµV)	Emission Level (dBµV)	Limits (dBµV)	Margin (dB)	Remark
1	0.248	10.02	0.06	9.86	26.83	46.77	51.82	5.05	Average
2	0.248	10.02	0.06	9.86	32.95	52.89	61.82	8.93	QP
3	0.402	9.97	0.07	9.86	21.18	41.08	47.80	6.72	Average
4	0.402	9.97	0.07	9.86	32.32	52.22	57.80	5.58	QP
5	0.588	9.96	0.07	9.86	18.74	38.63	46.00	7.37	Average
6	0.588	9.96	0.07	9.86	29.76	49.65	56.00	6.35	QP
7	0.916	9.95	0.08	9.86	17.70	37.59	46.00	8.41	Average
8	0.916	9.95	0.08	9.86	29.42	49.31	56.00	6.69	QP
9	1.217	9.96	0.09	9.86	15.77	35.68	46.00	10.32	Average
10	1.217	9.96	0.09	9.86	28.57	48.48	56.00	7.52	QP
11	3.432	10.09	0.15	9.87	18.63	38.74	46.00	7.26	Average
12	3.432	10.09	0.15	9.87	28.90	49.01	56.00	6.99	QP

Remarks: 1. Emission Level(dBµV)= AMN Factor(dB) + Cable Loss(dB) + Pulse Att.(dB) + Reading(dBµV).

Test Phase	Neutral	Test Result	Pass
Test Mode	Full Load	Test Model	CCR550PS24



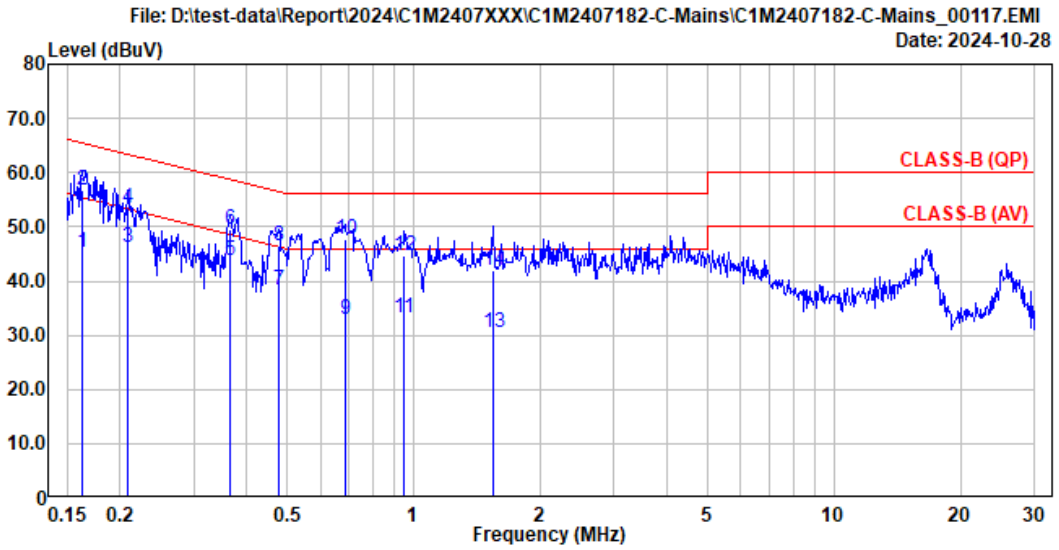
Site No. : No.5 Shielded Room
Instrument 1 : Receiver ESR(773)
Instrument 2 : ENV4200 (003)(A)|CE-04|ESH3-Z2 (355)
Limit : CLASS-B (QP)
Environment : 26*C / 62%
EUT Model : CCR550PS24
Test Mode : Mode 1
Class Ⅱ

Data No. : 118
Phase : Neutral
Test Rating : 100Vac/50Hz
Engineer : Gary Tsai

	Freq. (MHz)	AMN Factor (dB)	Cable Loss (dB)	Pulse Att. (dB)	Reading (dBµV)	Emission Level (dBµV)	Limits (dBµV)	Margin (dB)	Remark
1	0.163	10.05	0.06	9.86	21.24	41.21	55.30	14.09	Average
2	0.163	10.05	0.06	9.86	31.84	51.81	65.30	13.49	QP
3	0.191	10.04	0.06	9.86	17.78	37.74	53.97	16.23	Average
4	0.191	10.04	0.06	9.86	32.78	52.74	63.97	11.23	QP
5	0.527	9.95	0.07	9.86	17.20	37.08	46.00	8.92	Average
6	0.527	9.95	0.07	9.86	25.80	45.68	56.00	10.32	QP
7	0.666	9.94	0.08	9.86	16.09	35.97	46.00	10.03	Average
8	0.666	9.94	0.08	9.86	27.81	47.69	56.00	8.31	QP
9	0.846	9.94	0.08	9.86	13.17	33.05	46.00	12.95	Average
10	0.846	9.94	0.08	9.86	24.83	44.71	56.00	11.29	QP
11	2.397	9.99	0.12	9.86	11.21	31.18	46.00	14.82	Average
12	2.397	9.99	0.12	9.86	20.47	40.44	56.00	15.56	QP

Remarks: 1. Emission Level(dBµV)= AMN Factor(dB) + Cable Loss(dB) + Pulse Att.(dB) + Reading(dBµV).

Test Phase	Line	Test Result	Pass
Test Mode	Full Load	Test Model	CCR550PS24



Site No. : No.5 Shielded Room
Instrument 1 : Receiver ESR(773)
Instrument 2 : ENV4200 (003)(A)|CE-04|ESH3-Z2 (355)
Limit : CLASS-B (QP)
Environment : 26*C / 62%
EUT Model : CCR550PS24
Test Mode : Mode 1
Class Ⅱ

Data No. : 117
Phase : Line
Test Rating : 100Vac/50Hz
Engineer : Gary Tsai

	Freq. (MHz)	AMN Factor (dB)	Cable Loss (dB)	Pulse Att. (dB)	Reading (dBµV)	Emission Level (dBµV)	Limits (dBµV)	Margin (dB)	Remark
1	0.163	10.08	0.06	9.86	25.33	45.33	55.30	9.97	Average
2	0.163	10.08	0.06	9.86	36.84	56.84	65.30	8.46	QP
3	0.209	10.05	0.06	9.86	26.19	46.16	53.23	7.07	Average
4	0.209	10.05	0.06	9.86	33.49	53.46	63.23	9.77	QP
5	0.364	9.98	0.07	9.86	23.88	43.79	48.63	4.84	Average
6	0.364	9.98	0.07	9.86	29.65	49.56	58.63	9.07	QP
7	0.479	9.96	0.07	9.86	18.45	38.34	46.35	8.01	Average
8	0.479	9.96	0.07	9.86	26.47	46.36	56.35	9.99	QP
9	0.686	9.95	0.08	9.86	13.10	32.99	46.00	13.01	Average
10	0.686	9.95	0.08	9.86	27.79	47.68	56.00	8.32	QP
11	0.948	9.94	0.08	9.86	13.27	33.15	46.00	12.85	Average
12	0.948	9.94	0.08	9.86	24.86	44.74	56.00	11.26	QP
13	1.546	9.97	0.10	9.86	10.45	30.38	46.00	15.62	Average
14	1.546	9.97	0.10	9.86	22.01	41.94	56.00	14.06	QP

Remarks: 1. Emission Level(dBµV)= AMN Factor(dB) + Cable Loss(dB) + Pulse Att.(dB) + Reading(dBµV).

6. Measurement of Radiated Disturbance

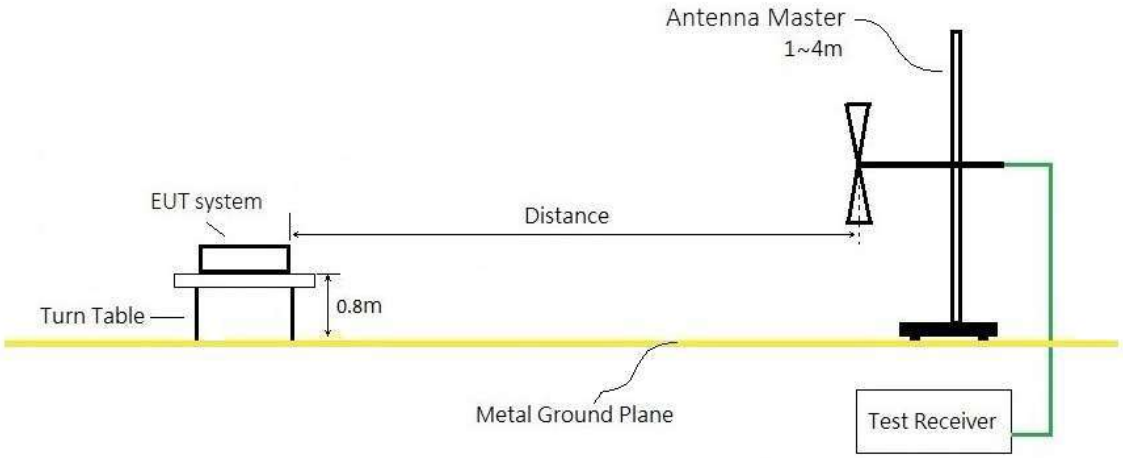
6.1. List of Test Instruments

Item	Equipment	Manufacture	Model No.	Serial No.	Cal. Date	Cal. Interval
1	Spectrum Analyzer	Agilent	N9010A-526	MY51250943	2024. 01. 16	1 Year
2	Test Receiver	R&S	ESCS30	100337	2024. 04. 16	1 Year
3	Amplifier	HP	8447D	2727A05737	2023. 12. 09	1 Year
4	Bilog Antenna	Schaffner	CBL6112B	2818	2023. 12. 08	1 Year
5	Signal Cable	HUBER+SUHNER	RG217U	RE-07	2024. 01. 05	1 Year
6	Test Software	Audix	e3	V5.04507	N.C.R.	N.C.R.
7	Digital Ther-mo-Hygro Meter	iMax	HTC-1	No.6 O/S	2024. 04. 11	1 Year

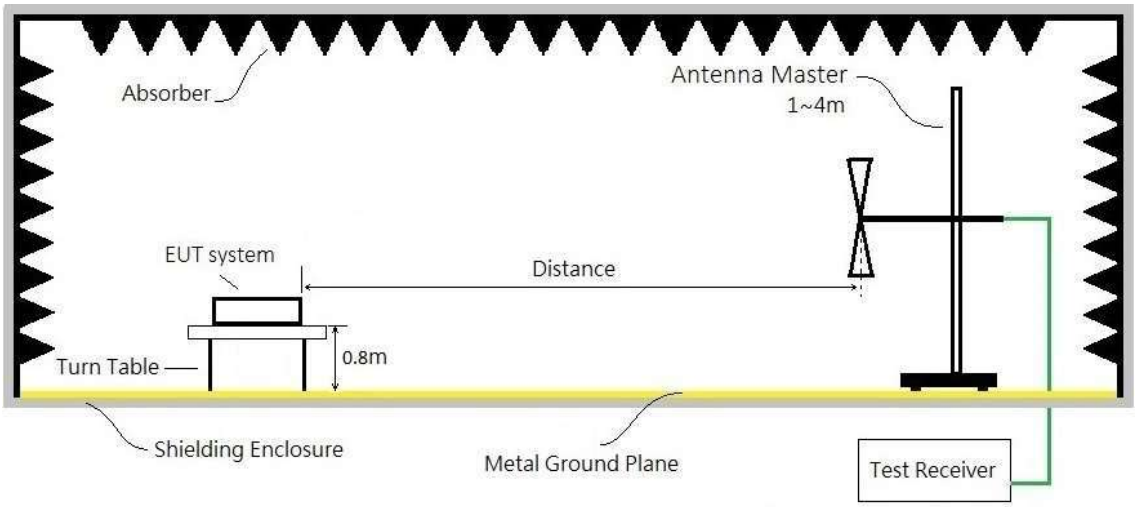
6.2. Test Setup

- For frequency range 30 to 1000MHz

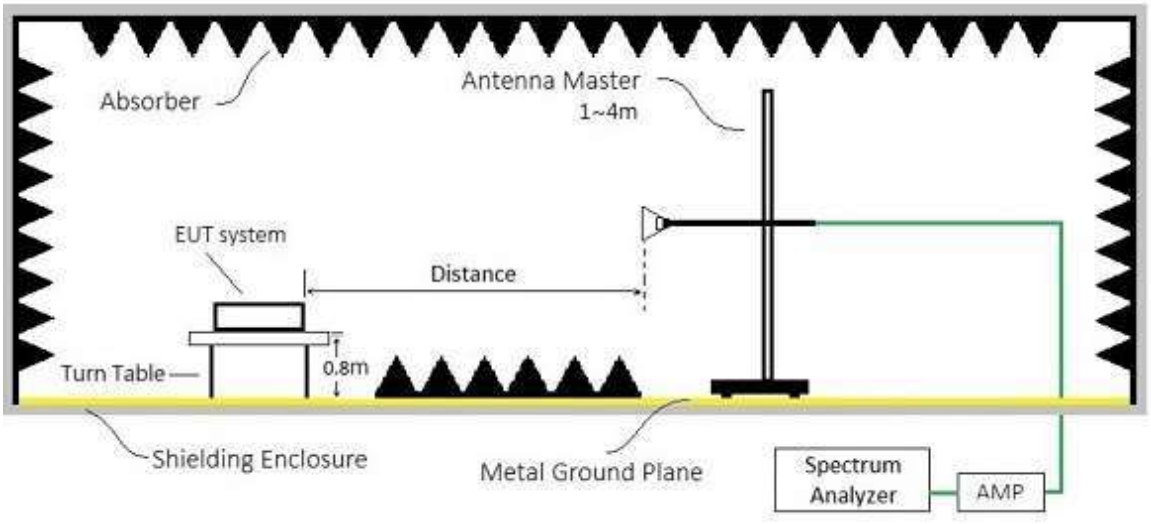
Open Area Test Site



Semi Anechoic Chamber



For frequency range 1 to 6GHz



6.3. Applicable Limits

- For radiated emissions at frequencies up to 1GHz (Class A, Group 1)

Frequency Range (MHz)	10 m measuring distance rated input power of		3 m measuring distance rated input power of	
	≤ 20 kVA	> 20 kVA	≤ 20 kVA	> 20 kVA
	Quasi-peak dB(μV/m)	Quasi-peak dB(μV/m)	Quasi-peak dB(μV/m)	Quasi-peak dB(μV/m)
30 – 230	40	50	50	60
230 – 1000	47	50	57	60

- For radiated emissions at frequencies up to 1GHz (Class B, Group 1)

Frequency Range (MHz)	10 m measuring distance	3 m measuring distance
	Quasi-peak dB(μV/m)	Quasi-peak dB(μV/m)
30 – 230	30	40
230 – 1000	37	47

- For radiated emissions at frequencies up to 1GHz (Class A, Group 2)

Frequency Range (MHz)	Limits for a measuring distance *D* in m					
	On a test site *D* = 30 m from the equipment		On a test site *D* = 10 m from the equipment		On a test site *D* = 3 m from the equipment	
	Electric field Quasi-peak dB(μV/m)	Magnetic field Quasi-peak dB(μV/m)	Electric field Quasi-peak dB(μV/m)	Magnetic field Quasi-peak dB(μV/m)	Electric field Quasi-peak dB(μV/m)	Magnetic field Quasi-peak dB(μV/m)
0,15 – 0,49	-	33,5	-	57,5	-	57,5
0,49 – 1,705	-	23,5	-	47,5	-	47,5
1,705 – 2,194	-	28,5	-	52,5	-	52,5
2,194 – 3,95	-	23,5	-	43,5	-	43,5
3,95 – 20	-	8,5	-	18,5	-	18,5
20 – 30	-	-1,5	-	8,5	-	8,5
30 – 47	58	-	68	-	78	-
47 – 53,91	40	-	50	-	60	-
53,91 – 54,56	40	-	50	-	60	-
54,56 – 68	40	-	50	-	60	-
68 – 80,872	53	-	63	-	73	-
80,872 – 81,848	68	-	78	-	88	-
81,848 – 87	53	-	63	-	73	-
87 – 134,786	50	-	60	-	70	-
134,786 – 136,414	60	-	70	-	80	-
136,414 – 156	50	-	60	-	70	-
156 – 174	64	-	74	-	84	-
174 – 188,7	40	-	50	-	60	-
188,7 – 190,979	50	-	60	-	70	-
190,979 – 230	40	-	50	-	60	-
230 – 400	50	-	60	-	70	-
400 – 470	53	-	63	-	73	-
470 – 1 000	50	-	60	-	70	-

- For radiated emissions at frequencies up to 1GHz (Class B, Group 2)

Frequency Range (MHz)	Limits for a measuring distance *D* in m				
	Electric field				Magnetic field *D* = 3 m
	D = 10 m		*D* = 3 m		
	Quasi-peak dB(μV/m)	Average dB(μV/m)	Quasi-peak dB(μV/m)	Average dB(μV/m)	Quasi-peak dB(μA/m)
0,15 – 30	-	-	-	-	39 Decreasing linearly with the logarithm of frequency to 3
30 – 80,872	30	25	40	35	-
80,872 – 81,848	50	45	60	55	-
81,848 – 134,786	30	25	40	35	-
134,786 – 136,414	50	45	60	55	-
136,414 – 230	30	25	40	35	-
230 – 1 000	37	32	47	42	-

- For radiated emissions at frequencies above 1GHz (Class A & Class B, Group 2)

  Applicable to:
  Electromagnetic radiation disturbance peak limits for group 2 equipment producing CW type disturbances and operating at frequencies above 400 MHz

Frequency Range (GHz)	Limits for a measurement distance of 3 m Peak dB(μV/m)	
1 – 18	Class A	Class B
Within harmonic frequency bands	82	70
Outside harmonic frequency bands	70	70

- For radiated emissions at frequencies above 1GHz (Class B, Group 2)

  Applicable to:
  Electromagnetic radiation disturbance peak limits for group 2 equipment producing CW type disturbances and operating at frequencies above 400 MHz

Frequency Range (GHz)	Limits for a measurement distance of 3 m Peak dB(μV/m)
1 – 2,3	92
2,3 – 2,4	110
2,5 – 5,725	92
5,875 – 11,7	92
11,7 – 12,7	73
12,7 – 18	92

6.4. Measurement Procedure

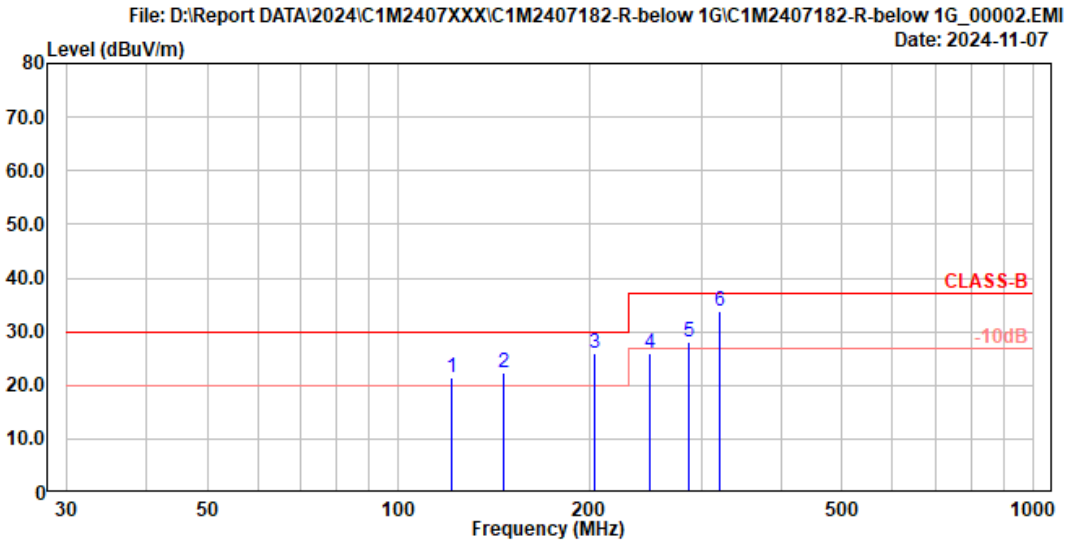
The measurement procedure specified in CISPR 11 clause 7 was performed.

- The EUT and peripherals were placed on the rotatable non-conduction table, which is 0.8meters above the ground reference plane at the semi-anechoic chamber or OATS as described in section 4.1 and 6.2.
- The measurement distance is set as specified in section 6.3. The specified distance is between the horizontal projection onto the ground plane of the closest periphery of the EUT and the projection onto the ground plane of the center of the axis of the elements of the receiving antenna.
- The resolution bandwidth of the test receiver was at 120kHz (testing from 30 to 1000MHz) or 1MHz (testing above 1000MHz).
- For the exploratory measurement, determine the highest emission amplitude relative to the limit on each of antenna polarization with the peak detector by each of the EUT operations over the specified frequency range and record it, and then
- For final measurement, select the EUT operation mode that produced the highest amplitude in the exploratory measurement to determine the highest emissions with each specified detector and record it.
- In order to determine the maximum emission level, must rotate the table in 360 degree and move the receiving antenna between 1~4m height above the ground reference plane.
- Both polarizations of receiving antenna were determined.
- The measurement result was calculated by following formulas:

  (30 – 1000MHz)
  Emission Level (dBμV/m) =
  Reading (Receiver) (dBμV) + Antenna Factor (dB/m) + Cable Loss (dB)

6.5. Measurement Result

Ant. Polarity	Horizontal	Test Result	Pass
Test Mode	Full Load	Test Model	CCR550PS12

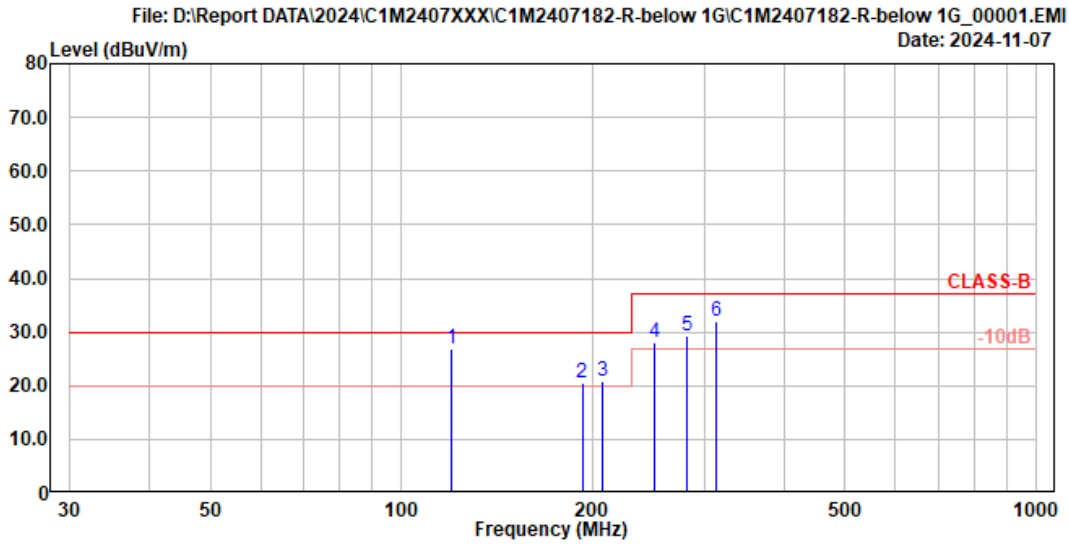


Site No. : No.6 Open Area Test Site
Data No. : 2
Instrument 1 : Spectrum N9010A(943)|Receiver ESCS(337)
Instrument 2 : CBL6112B (818)|RE-07
Distance/Limit : 10m /CLASS-B
Ant. Pol. : Horizontal
Environment : 25*C/68%
Test Rating : 240Vac/50Hz
EUT Model : CCR550PS12
Engineer : Eason Hsu
Test Mode : Mode 1

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Remark	APos (cm)	TPos (deg)
1	121.460	17.97	1.61	1.90	21.48	30.00	8.52	QP	400	22
2	146.300	17.47	1.84	3.10	22.41	30.00	7.59	QP	400	107
3	203.160	15.16	2.38	8.39	25.93	30.00	4.07	QP	400	292
4	249.250	18.03	2.47	5.40	25.90	37.00	11.10	QP	400	250
5	286.510	18.75	2.63	6.70	28.08	37.00	8.92	QP	400	193
6	320.730	19.53	2.79	11.60	33.92	37.00	3.08	QP	400	170

Remarks: 1. Emission Level(dBµV/m)= Antenna Factor(dB/m) + Cable Loss(dB) + Reading(dBµV).

Ant. Polarity	Vertical	Test Result	Pass
Test Mode	Full Load	Test Model	CCR550PS12

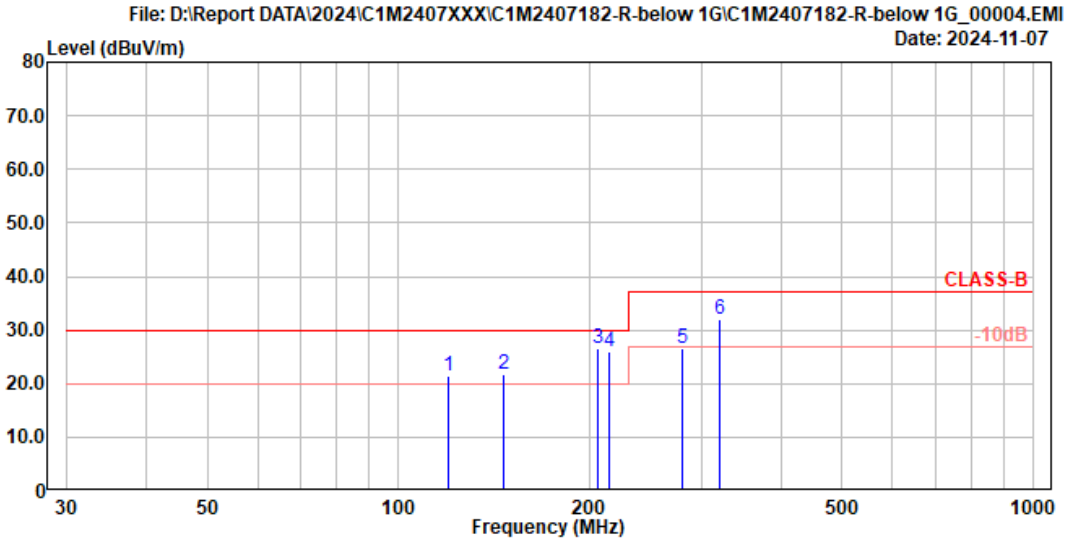


Site No. : No.6 Open Area Test Site
Data No. : 1
Instrument 1 : Spectrum N9010A(943)|Receiver ESCS(337)
Instrument 2 : CBL6112B (818)|RE-07
Distance/Limit : 10m /CLASS-B
Ant. Pol. : Vertical
Environment : 25*C/68%
Test Rating : 240Vac/50Hz
EUT Model : CCR550PS12
Engineer : Eason Hsu
Test Mode : Mode 1

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Remark	APos (cm)	TPos (deg)
1	120.050	17.98	1.60	7.30	26.88	30.00	3.12	QP	100	265
2	192.610	15.09	2.32	3.20	20.61	30.00	9.39	QP	100	242
3	206.890	15.41	2.39	2.99	20.79	30.00	9.21	QP	100	31
4	250.670	18.08	2.47	7.61	28.16	37.00	8.84	QP	100	39
5	281.620	18.67	2.61	7.90	29.18	37.00	7.82	QP	100	72
6	312.380	19.32	2.75	9.90	31.97	37.00	5.03	QP	100	342

Remarks: 1. Emission Level(dBµV/m)= Antenna Factor(dB/m) + Cable Loss(dB) + Reading(dBµV).

Ant. Polarity	Horizontal	Test Result	Pass
Test Mode	Full Load	Test Model	CCR550PS12

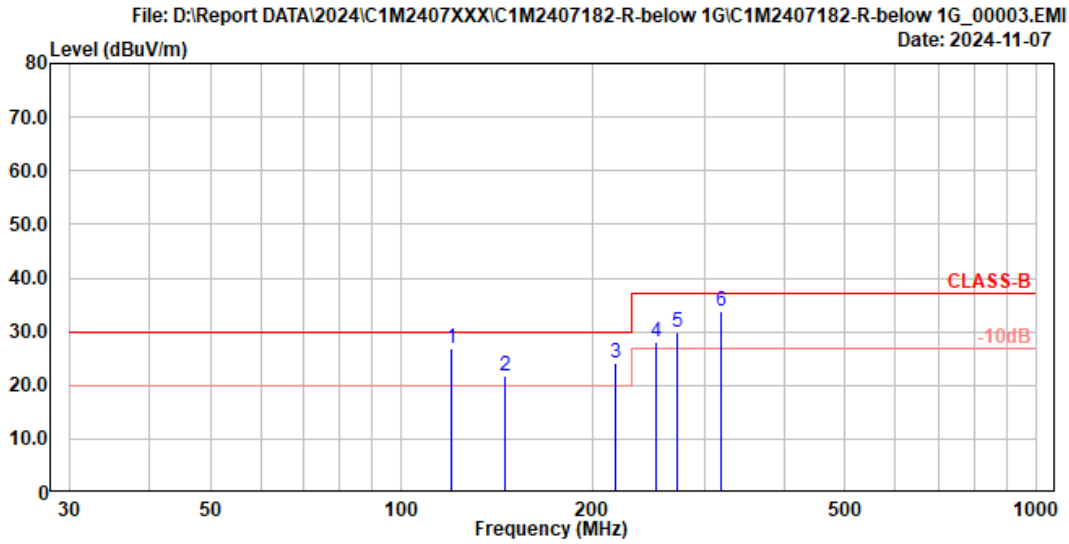


Site No. : No.6 Open Area Test Site
Data No. : 4
Instrument 1 : Spectrum N9010A(943)|Receiver ESCS(337)
Instrument 2 : CBL6112B (818)|RE-07
Distance/Limit : 10m /CLASS-B
Ant. Pol. : Horizontal
Environment : 25*C/68%
Test Rating : 100Vac/50Hz
EUT Model : CCR550PS12
Engineer : Eason Hsu
Test Mode : Mode 1

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Remark	APos (cm)	TPos (deg)
1	120.080	17.98	1.60	1.80	21.38	30.00	8.62	QP		
2	146.800	17.45	1.84	2.30	21.59	30.00	8.41	QP		
3	206.190	15.36	2.38	8.91	26.65	30.00	3.35	QP		
4	214.200	15.91	2.40	7.61	25.92	30.00	4.08	QP		
5	280.166	18.64	2.61	5.40	26.65	37.00	10.35	QP		
6	320.738	19.53	2.79	9.60	31.92	37.00	5.08	QP		

Remarks: 1. Emission Level(dBµV/m)= Antenna Factor(dB/m) + Cable Loss(dB) + Reading(dBµV).

Ant. Polarity	Vertical	Test Result	Pass
Test Mode	Full Load	Test Model	CCR550PS12



Site No. : No.6 Open Area Test Site
Instrument 1 : Spectrum N9010A(943)|Receiver ESCS(337)
Instrument 2 : CBL6112B (818)|RE-07
Distance/Limit : 10m /CLASS-B
Environment : 25°C/68%
EUT Model : CCR550PS12
Test Mode : Mode 1

Data No. : 3
Ant. Pol. : Vertical
Test Rating : 100Vac/50Hz
Engineer : Eason Hsu

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Remark	APos (cm)	TPos (deg)
1	119.860	17.97	1.60	7.20	26.77	30.00	3.23	QP		
2	146.000	17.49	1.83	2.50	21.82	30.00	8.18	QP		
3	217.130	16.09	2.41	5.80	24.30	30.00	5.70	QP		
4	251.650	18.10	2.48	7.40	27.98	37.00	9.02	QP		
5	271.930	18.49	2.57	8.71	29.77	37.00	7.23	QP		
6	319.050	19.49	2.79	11.59	33.87	37.00	3.13	QP		

Remarks: 1. Emission Level(dBµV/m)= Antenna Factor(dB/m) + Cable Loss(dB) + Reading(dBµV).

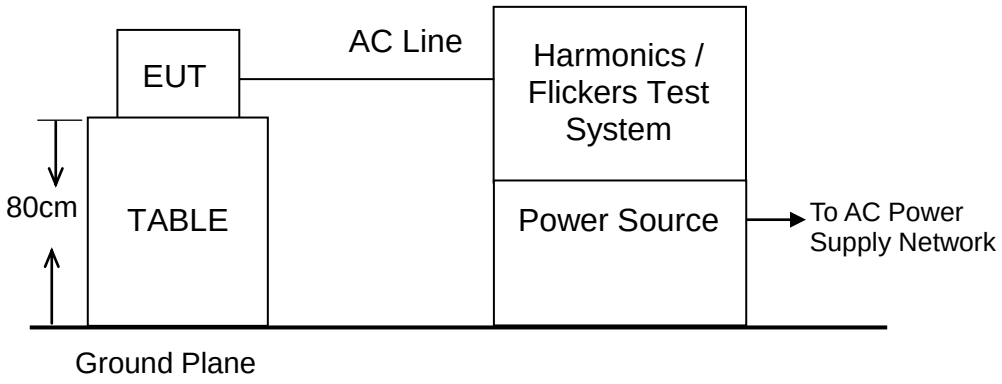
7. Measurement of Harmonics Current Emissions

7.1. List of Test Instruments

Item	Equipment	Manufacture	Model No.	Serial No.	Cal. Date	Cal. Interval
1	Harmonics / Flickers Test System (Signal Conditioning Unit)	TESEQ	CCN 1000-1	1908A00804	2024. 03. 21	1 Year
2	Harmonics / Flickers Test System (Signal Phase Impedance Network)	TESEQ	INA 2151	1908A00805	2024. 03. 21	1 Year
3	4 Quadrant Voltage Amplifier	SPITZENBERGER & SPIES	APS 5000	A7019	2024. 03. 21	1 Year
4	Digital Thermo-Hygro Meter	iMax	HTC-1	No.3 Harmonics	2024. 04. 11	1 Year
5	Test Software	California Instruments	CTS 4	V4.26.0	N.C.R.	N.C.R.

7.2. Test Setup

The EUT and test equipment were configured in accordance with the requirement of IEC 61000-3-2.



7.3. Applicable Standard and Limits

Limits for Class A Equipment

Class A is classified according to section 5 of IEC 61000-3-2

Harmonic order n	Maximum permissible harmonic current A
Odd Harmonics Only	
3	2.30
5	1.14
7	0.77
9	0.40
11	0.33
13	0.21
15 ≤ n ≤ 39	0.15x15/n
Even Harmonics	
2	1.08
4	0.43
6	0.30
8 ≤ n ≤ 40	0.23x8/n

Note:

According to section 7 of IEC 61000-3-2, the above limits for all equipment except for lighting equipment having an active input power > 75 W and no limits apply for equipment with an active input power up to and including 75 W.

Limits for Class D Equipment

Class D is classified according to section 5 of IEC 61000-3-2

Harmonic order n	Maximum permissible harmonic current per watt mA/W	Maximum permissible harmonic current A
Odd Harmonics Only		
3	3.4	2.30
5	1.9	1.14
7	1.0	0.77
9	0.5	0.40
11	0.35	0.33
13	0.30	0.21
15 ≤ n ≤ 39	3.85/n	0.15x15/n

Note:

According to section 7 of IEC 61000-3-2, the above limits for all equipment except for lighting equipment having an active input power > 75 W and no limits apply for equipment with an active input power up to and including 75 W.

7.4. Measurement Procedure

The measurement procedure specified in IEC 61000-3-2 clause 6.2 was used.

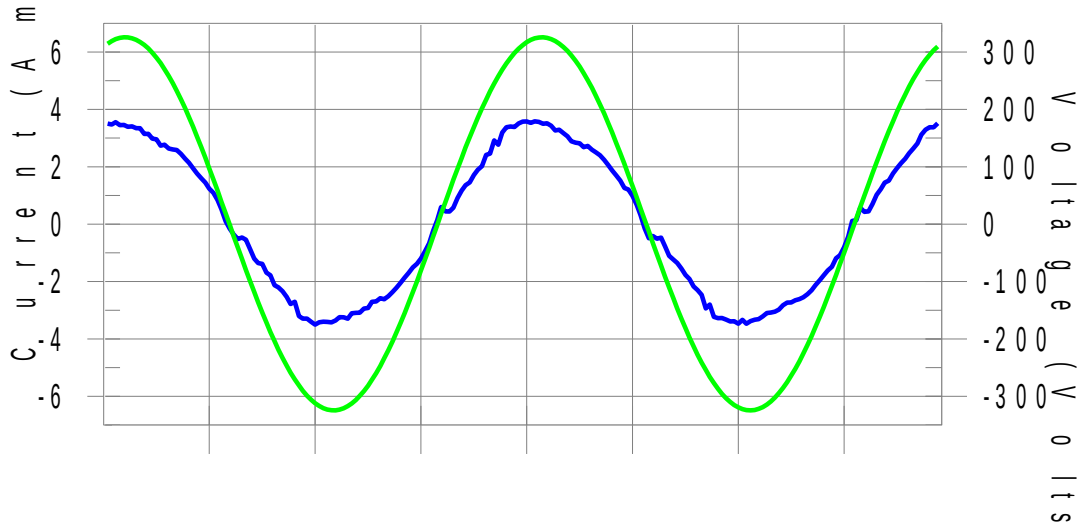
- Setup the EUT and associated equipment described as clause 4.1.
- The EUT was placed on the top of a wooden table 0.8 meters above the ground and operated to produce the maximum harmonic components under normal operating conditions for each successive harmonic component in turn.
- Apply AC 230V/50Hz rated test voltage which shall be maintained within ±2.0% and the frequency within ±0.5% of the nominal value to EUT.
- Let EUT work as stated and through three phase impedance network to measure the EUT to get the harmonic current for Odd & Even harmonics up to 40th.

7.5. Measurement Result

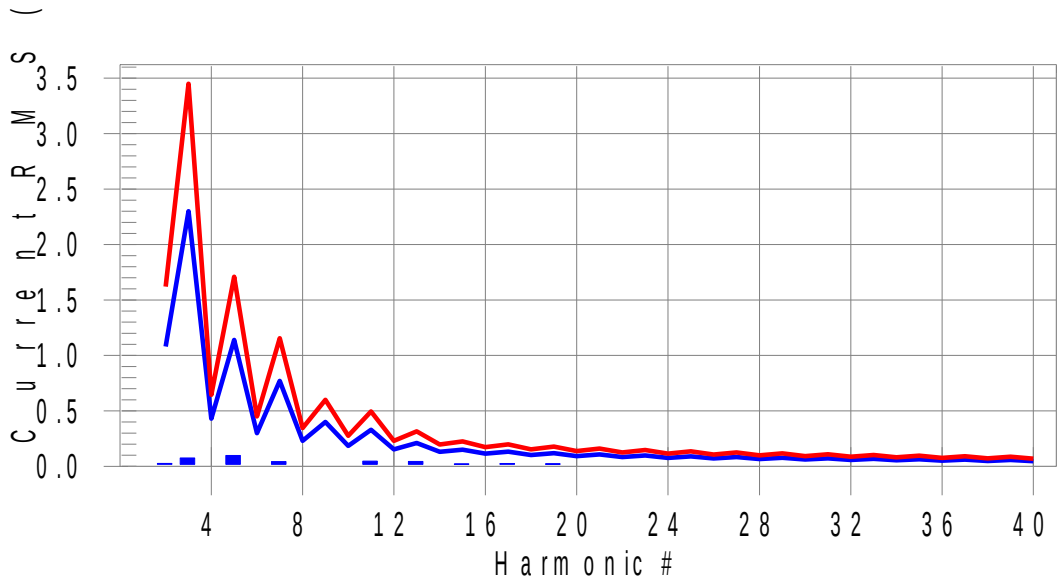
Test Date	2024. 11. 14	Environment	23ºC, 45%
Input Power	AC 230V, 50Hz	Test Result	Pass (Class A)
Tested By	Fans Lee	Test Model	CCR550PS24
Test Mode	Full Load		

Test Result: Pass **Source qualification: Normal**

Current & voltage waveforms



Harmonics and Class A limit line **European Limits**



Test result: Pass **Worst harmonics H13-14.3% of 150% limit, H13-20.8% of 100% limit**

Test Result: Pass **Source qualification: Normal**
THC(A): 0.158 **I-THD(%): 6.4** **POHC(A): 0.025** **POHC Limit(A): 0.251**

Highest parameter values during test:

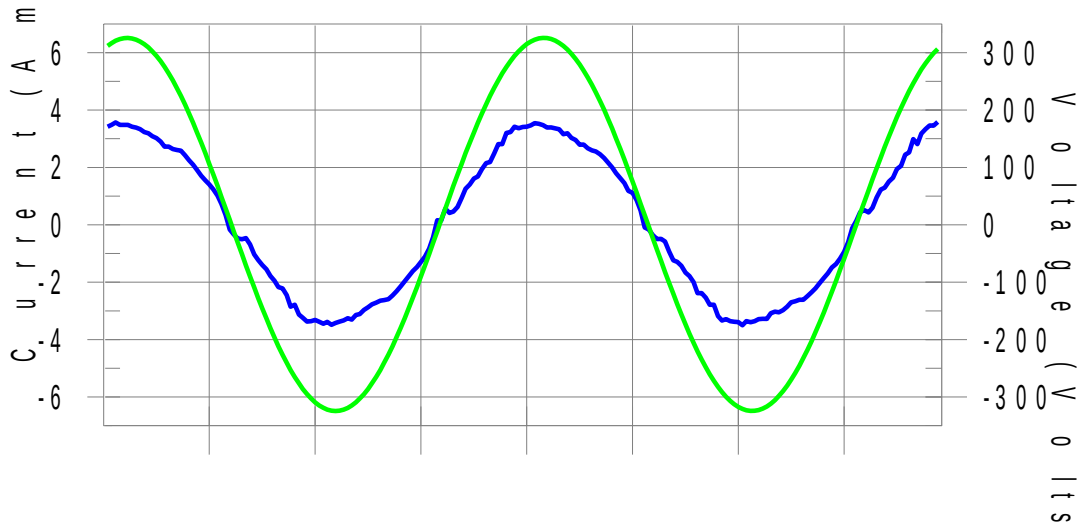
V_RMS (Volts):	229.86	Frequency(Hz):	50.00
I_Peak (Amps):	3.699	I_RMS (Amps):	2.462
I_Fund (Amps):	2.455	Crest Factor:	1.506
Power (Watts):	564.0	Power Factor:	0.998

Harm#	Harms(avg)	100%Limit	%of Limit	Harms(max)	150%Limit	%of Limit	Status
2	0.026	1.080	2.4	0.029	1.620	1.8	Pass
3	0.075	2.300	3.3	0.079	3.450	2.3	Pass
4	0.006	0.430	N/A	0.007	0.645	N/A	Pass
5	0.098	1.140	8.6	0.101	1.710	5.9	Pass
6	0.005	0.300	N/A	0.006	0.450	N/A	Pass
7	0.043	0.770	5.6	0.045	1.155	3.9	Pass
8	0.006	0.230	N/A	0.006	0.345	N/A	Pass
9	0.014	0.400	N/A	0.016	0.600	N/A	Pass
10	0.005	0.184	N/A	0.006	0.276	N/A	Pass
11	0.047	0.330	14.3	0.049	0.495	9.8	Pass
12	0.005	0.153	N/A	0.006	0.230	N/A	Pass
13	0.044	0.210	20.8	0.045	0.315	14.3	Pass
14	0.005	0.131	N/A	0.005	0.197	N/A	Pass
15	0.022	0.150	15.0	0.024	0.225	10.5	Pass
16	0.004	0.115	N/A	0.005	0.173	N/A	Pass
17	0.025	0.132	19.0	0.026	0.198	13.1	Pass
18	0.005	0.102	N/A	0.006	0.153	N/A	Pass
19	0.024	0.118	20.0	0.024	0.178	13.7	Pass
20	0.005	0.092	N/A	0.006	0.138	N/A	Pass
21	0.009	0.107	N/A	0.010	0.161	N/A	Pass
22	0.005	0.084	N/A	0.005	0.125	N/A	Pass
23	0.006	0.098	N/A	0.007	0.147	N/A	Pass
24	0.005	0.077	N/A	0.005	0.115	N/A	Pass
25	0.009	0.090	N/A	0.010	0.135	N/A	Pass
26	0.005	0.071	N/A	0.006	0.107	N/A	Pass
27	0.009	0.083	N/A	0.010	0.125	N/A	Pass
28	0.005	0.066	N/A	0.006	0.099	N/A	Pass
29	0.009	0.078	N/A	0.010	0.116	N/A	Pass
30	0.005	0.061	N/A	0.006	0.092	N/A	Pass
31	0.006	0.073	N/A	0.007	0.109	N/A	Pass
32	0.006	0.058	N/A	0.007	0.086	N/A	Pass
33	0.009	0.068	N/A	0.010	0.102	N/A	Pass
34	0.007	0.054	N/A	0.008	0.081	N/A	Pass
35	0.009	0.064	N/A	0.010	0.096	N/A	Pass
36	0.006	0.051	N/A	0.008	0.077	N/A	Pass
37	0.006	0.061	N/A	0.007	0.091	N/A	Pass
38	0.005	0.048	N/A	0.006	0.073	N/A	Pass
39	0.007	0.058	N/A	0.008	0.087	N/A	Pass
40	0.005	0.046	N/A	0.006	0.069	N/A	Pass

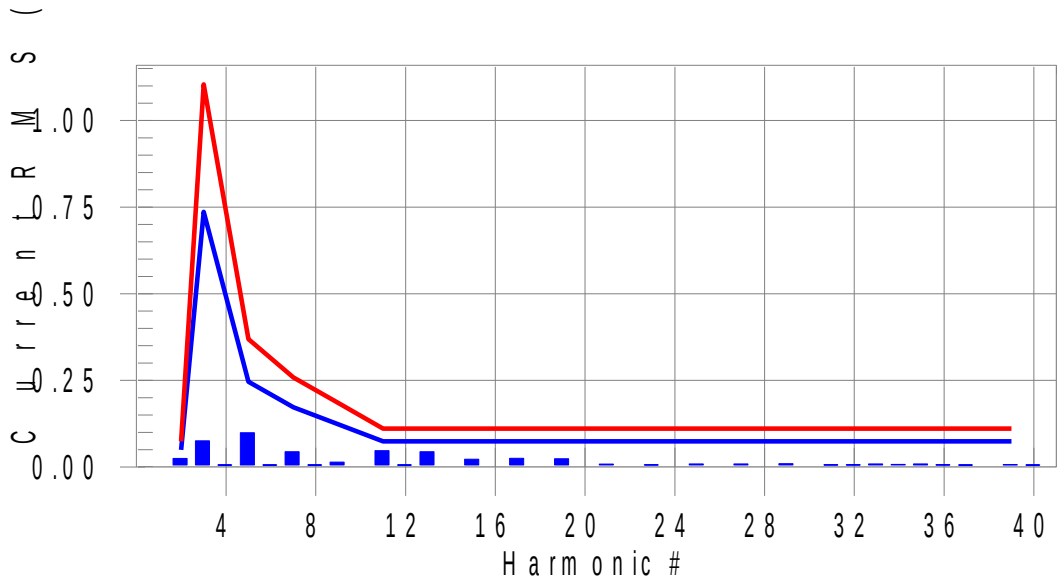
Test Date	2024. 11. 14	Environment	23ºC, 45%
Input Power	AC 230V, 50Hz	Test Result	Pass (Class C)
Tested By	Fans Lee	Test Model	CCR550PS24
Test Mode	Full Load		

Test Result: Pass **Source qualification: Normal**

Current & voltage waveforms



Harmonics and Class C limit line **European Limits**



Test result: Pass Worst harmonics H11-43.7% of 150% limit, H11-63.9% of 100% limit

Test Result: Pass **Source qualification: Normal**
THC(A): 0.159 **I-THD(%): 6.5** **POHC(A): 0.025** **POHC Limit(A): 0.233**

Highest parameter values during test:

V_RMS (Volts):	**229.86**	**Frequency(Hz):**	**50.00**
I_Peak (Amps):	**3.722**	**I_RMS (Amps):**	**2.468**
I_Fund (Amps):	**2.460**	**Crest Factor:**	**1.511**
Power (Watts):	**565.3**	**Power Factor:**	**0.997**

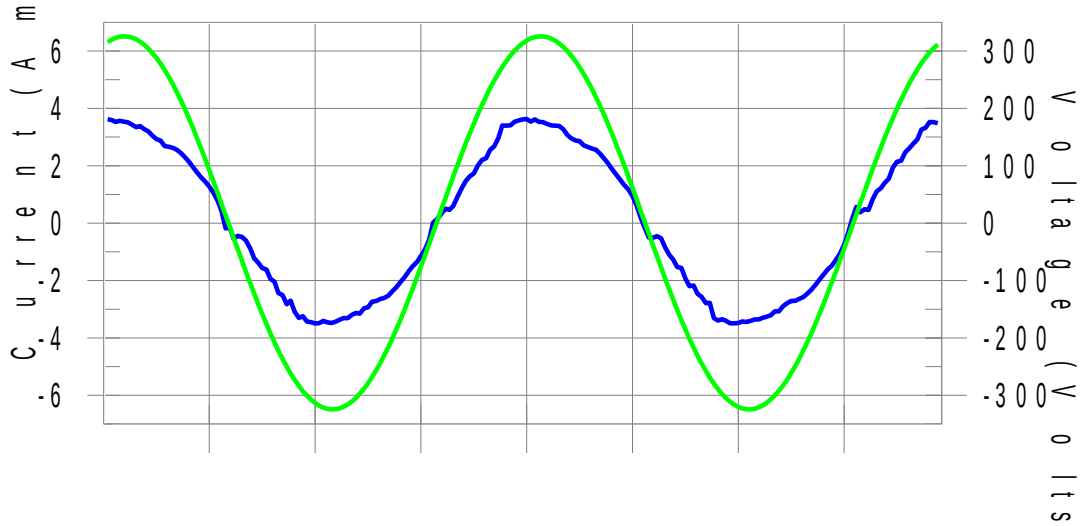
Harm#	Harms(avg)	100%Limit	%of Limit	Harms(max)	150%Limit	%of Limit	Status
2	0.025	0.049	50.5	0.026	0.074	34.9	Pass
3	0.076	0.736	10.3	0.078	1.104	7.0	Pass
4	0.006	0.000	N/A	0.007	0.000	N/A	Pass
5	0.099	0.246	40.2	0.101	0.369	27.3	Pass
6	0.006	0.000	N/A	0.006	0.000	N/A	Pass
7	0.044	0.172	25.5	0.046	0.258	17.8	Pass
8	0.006	0.000	N/A	0.006	0.000	N/A	Pass
9	0.014	0.123	N/A	0.015	0.185	N/A	Pass
10	0.005	0.000	N/A	0.006	0.000	N/A	Pass
11	0.047	0.074	63.9	0.048	0.111	43.7	Pass
12	0.005	0.000	N/A	0.006	0.000	N/A	Pass
13	0.044	0.074	59.8	0.046	0.111	41.3	Pass
14	0.005	0.000	N/A	0.005	0.000	N/A	Pass
15	0.023	0.074	30.9	0.024	0.111	21.4	Pass
16	0.004	0.000	N/A	0.005	0.000	N/A	Pass
17	0.025	0.074	34.1	0.026	0.111	23.3	Pass
18	0.005	0.000	N/A	0.006	0.000	N/A	Pass
19	0.024	0.074	32.2	0.024	0.111	22.0	Pass
20	0.005	0.000	N/A	0.006	0.000	N/A	Pass
21	0.009	0.074	N/A	0.010	0.111	N/A	Pass
22	0.005	0.000	N/A	0.006	0.000	N/A	Pass
23	0.006	0.074	N/A	0.007	0.111	N/A	Pass
24	0.005	0.000	N/A	0.005	0.000	N/A	Pass
25	0.009	0.074	N/A	0.010	0.111	N/A	Pass
26	0.005	0.000	N/A	0.006	0.000	N/A	Pass
27	0.009	0.074	N/A	0.010	0.111	N/A	Pass
28	0.005	0.000	N/A	0.005	0.000	N/A	Pass
29	0.009	0.074	N/A	0.010	0.111	N/A	Pass
30	0.005	0.000	N/A	0.006	0.000	N/A	Pass
31	0.006	0.074	N/A	0.007	0.111	N/A	Pass
32	0.006	0.000	N/A	0.007	0.000	N/A	Pass
33	0.009	0.074	N/A	0.010	0.111	N/A	Pass
34	0.007	0.000	N/A	0.008	0.000	N/A	Pass
35	0.009	0.074	N/A	0.010	0.111	N/A	Pass
36	0.006	0.000	N/A	0.007	0.000	N/A	Pass
37	0.006	0.074	N/A	0.006	0.111	N/A	Pass
38	0.005	0.000	N/A	0.006	0.000	N/A	Pass
39	0.007	0.074	N/A	0.008	0.111	N/A	Pass
40	0.006	0.000	N/A	0.007	0.000	N/A	Pass

Note: Dynamic limits were applied for this test. The highest harmonics values in the above table may not occur

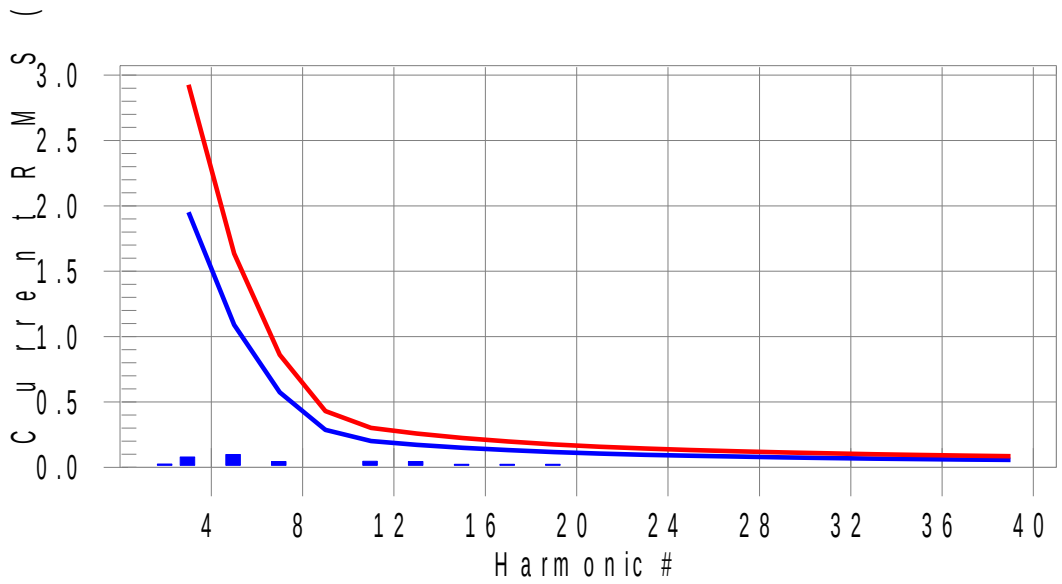
Test Date	2024. 11. 14	Environment	23ºC, 45%
Input Power	AC 230V, 50Hz	Test Result	Pass (Class D)
Tested By	Fans Lee	Test Model	CCR550PS24
Test Mode	Full Load		

Test Result: Pass **Source qualification: Normal**

Current & voltage waveforms



Harmonics and Class D limit line **European Limits**



Test result: Pass **Worst harmonics H13-18.1% of 150% limit, H13-25.8% of 100% limit**

Test Result: Pass **Source qualification: Normal**
THC(A): 0.160 **I-THD(%): 6.4** **POHC(A): 0.026** **POHC Limit(A): 0.247**

Highest parameter values during test:

V_RMS (Volts):	**229.85**	**Frequency(Hz):**	**50.00**
I_Peak (Amps):	**3.720**	**I_RMS (Amps):**	**2.504**
I_Fund (Amps):	**2.497**	**Crest Factor:**	**1.500**
Power (Watts):	**573.8**	**Power Factor:**	**0.998**

Harm#	Harms(avg)	100%Limit	%of Limit	Harms(max)	150%Limit	%of Limit	Status
2	0.025	0.000	N/A	0.028	0.000	N/A	Pass
3	0.078	1.951	4.0	0.082	2.927	2.8	Pass
4	0.006	0.000	N/A	0.006	0.000	N/A	Pass
5	0.098	1.090	9.0	0.100	1.635	6.1	Pass
6	0.005	0.000	N/A	0.006	0.000	N/A	Pass
7	0.045	0.574	7.8	0.048	0.861	5.6	Pass
8	0.005	0.000	N/A	0.006	0.000	N/A	Pass
9	0.013	0.287	N/A	0.014	0.430	N/A	Pass
10	0.005	0.000	N/A	0.006	0.000	N/A	Pass
11	0.046	0.201	22.9	0.047	0.301	15.6	Pass
12	0.006	0.000	N/A	0.006	0.000	N/A	Pass
13	0.044	0.172	25.8	0.047	0.258	18.1	Pass
14	0.005	0.000	N/A	0.005	0.000	N/A	Pass
15	0.023	0.149	15.5	0.024	0.224	10.8	Pass
16	0.005	0.000	N/A	0.005	0.000	N/A	Pass
17	0.025	0.132	18.6	0.026	0.198	12.9	Pass
18	0.005	0.000	N/A	0.006	0.000	N/A	Pass
19	0.024	0.116	20.5	0.025	0.175	14.1	Pass
20	0.005	0.000	N/A	0.006	0.000	N/A	Pass
21	0.009	0.105	N/A	0.010	0.158	N/A	Pass
22	0.004	0.000	N/A	0.005	0.000	N/A	Pass
23	0.006	0.096	N/A	0.007	0.144	N/A	Pass
24	0.005	0.000	N/A	0.007	0.000	N/A	Pass
25	0.009	0.088	N/A	0.011	0.133	N/A	Pass
26	0.005	0.000	N/A	0.006	0.000	N/A	Pass
27	0.009	0.082	N/A	0.010	0.123	N/A	Pass
28	0.005	0.000	N/A	0.006	0.000	N/A	Pass
29	0.010	0.076	N/A	0.010	0.114	N/A	Pass
30	0.006	0.000	N/A	0.007	0.000	N/A	Pass
31	0.006	0.071	N/A	0.007	0.107	N/A	Pass
32	0.007	0.000	N/A	0.008	0.000	N/A	Pass
33	0.008	0.067	N/A	0.009	0.100	N/A	Pass
34	0.007	0.000	N/A	0.008	0.000	N/A	Pass
35	0.009	0.063	N/A	0.011	0.095	N/A	Pass
36	0.006	0.000	N/A	0.007	0.000	N/A	Pass
37	0.006	0.060	N/A	0.007	0.090	N/A	Pass
38	0.005	0.000	N/A	0.008	0.000	N/A	Pass
39	0.007	0.057	N/A	0.007	0.085	N/A	Pass
40	0.007	0.000	N/A	0.008	0.000	N/A	Pass

Note: Dynamic limits were applied for this test. The highest harmonics values in the above table may not occur at the same window as the maximum harmonics/limit ratio.

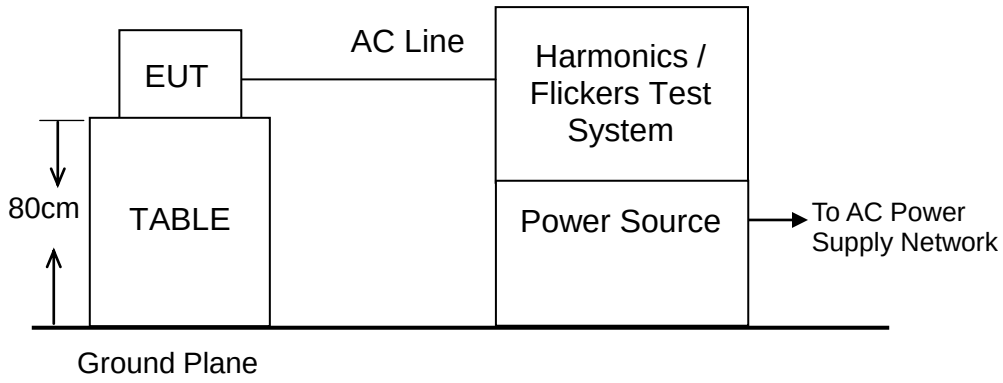
8. Measurement of Voltage Fluctuations and Flicker Emissions

8.1. List of Test Instruments

Item	Equipment	Manufacturer	Model No.	Serial No.	Cal. Date	Cal. Interval
1	Harmonics / Flickers Test System (Signal Conditioning Unit)	TESEQ	CCN 1000-1	1908A00804	2024. 03. 21	1 Year
2	Harmonics / Flickers Test System (Signal Phase Impedance Network)	TESEQ	INA 2151	1908A00805	2024. 03. 21	1 Year
3	4 Quadrant Voltage Amplifier	SPITZENBERGER & SPIES	APS 5000	A7019	2024. 03. 21	1 Year
4	Digital Thermo-Hygro Meter	iMax	HTC-1	No.3 Harmonics	2024. 04. 11	1 Year
5	Test Software	California Instruments	CTS 4	V4.26.0	N.C.R.	N.C.R.

8.2. Test Setup

The EUT and test equipment were configured in accordance with the requirement of EN 61000-3-3.



8.3. Applicable Standard and Limits

(1) Limits is according to section 5 of EN 61000-3-3

Tested Items	Description	Limit
P_{st}	Short-term Flicker Indicator	≤ 1.0
P_{lt}	Long-term Flicker Indicator	≤ 0.65
$d_{(t)}$	Voltage change more than 500ms	≤ 3.3%
T_{max}	Maximum time duration during the observation period that the voltage deviation $d_{(t)}$ exceeds the limit for d_c	500ms
d_c	Relative steady-state voltage change	≤ 3.3%
d_{max}	Maximum relative voltage change	≤ 4%
	Maximum relative voltage change	≤ 6%
	Maximum relative voltage change	≤ 7%

8.4. Measurement Procedure

The measurement procedure specified in EN 61000-3-3 clause 6 was used.

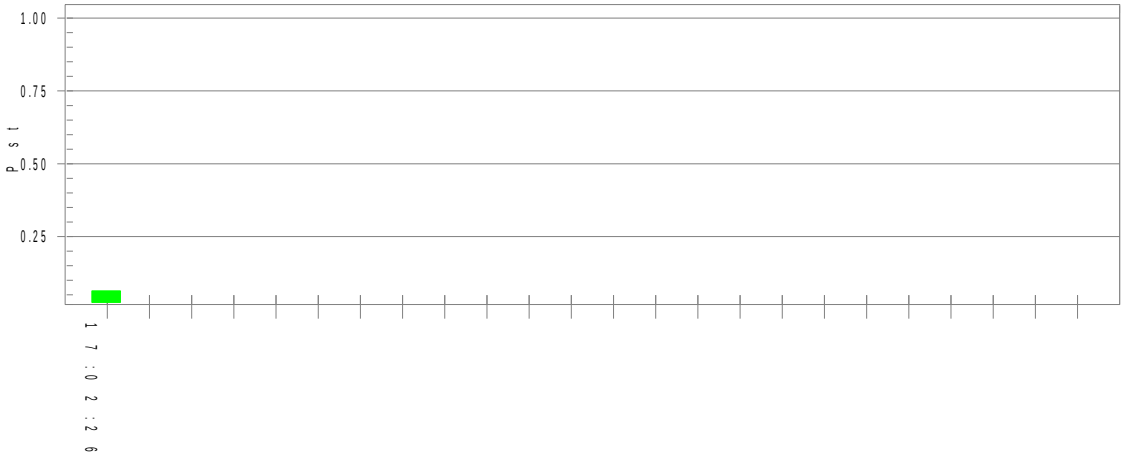
- Setup the EUT and associated equipment described as clause 4.1.
- The EUT was placed on the top of a wooden table 0.8 meters above the ground and operated to produce the most unfavorable sequence of voltage changes under normal operating conditions.
- The observation period for short-term flicker indicator is 10 minutes and the observation period for long-term flicker indicator is 2 hours.
- Apply a AC 230V/50Hz rated test voltage which shall be maintained within ±2.0% and the frequency within ±0.5% of the nominal value to EUT.
- If the maximum r.m.s input current (including inrush current) does not exceed 20A, and the supply current after inrush is within a variation band of 1.5A, it's not applicable to test the manual switching.

8.5. Measurement Result

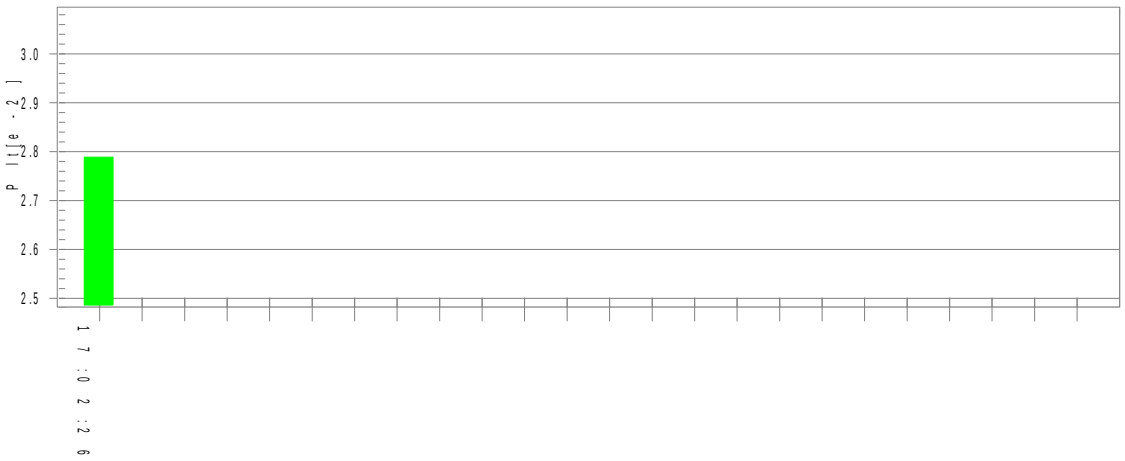
Test Date	2024. 11. 14	Environment	23ºC, 45%
Input Power	AC 230V, 50Hz	Test Result	Pass
Tested By	Fans Lee	Test Model	LFM550S240C
Test Mode	Full Load		

Test Result: Pass **Status: Test Completed**

Pst_i and limit line **European Limits**



Plt and limit line



Parameter values recorded during the test:

Vrms at the end of test (Volt):	**229.13**			
T-max (mS):	**0**	**Test limit (mS):**	**500.0**	**Pass**
Highest dc (%):	**0.00**	**Test limit (%):**	**3.30**	**Pass**
Highest dmax (%):	**0.00**	**Test limit (%):**	**4.00**	**Pass**
Highest Pst (10 min. period):	**0.064**	**Test limit:**	**1.000**	**Pass**

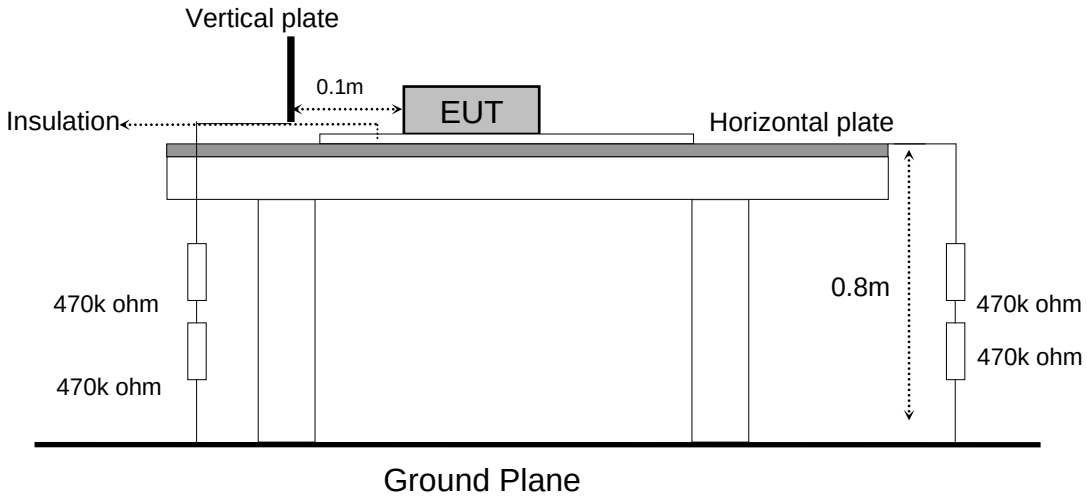
9. Electrostatic Discharge Immunity Test

9.1. List of Test Instruments

Item	Equipment	Manufacture	Model No.	Serial No.	Cal. Date	Cal. Interval
1	ESD Simulator	TESEQ	NSG 438	1497	2024. 09. 09	1 Year
2	Digital Thermo-Hygrometer	iMax	HTC-1	No.3 ESD Room	2024. 09. 04	1 Year

9.2. Test Setup

The EUT and test equipment were configured in accordance with the basic standard requirement of IEC 61000-4-2.



9.3. Applicable Standard and Test Specification

- Immunity requirement is in accordance with EN 60601-1-2

  Test specification is in accordance with EN 60601-1-2 Table 4 and Table 8
  Basic standard is in accordance with IEC 61000-4-2

Test Specification		Performance Criterion
Contact Discharge Voltage	±8kV	Annex I Section I.3.
Air Discharge Voltage	±2kV, ±4kV, ±8kV, ±15kV	

- Deviation from applicable standard

  No deviation

9.4. Measurement Procedure

The measurement procedure specified in IEC 61000-4-2 clause 8.3.1 and A.5 was used.

- Setup the EUTs and associated equipment described as clause 4.1.
- Air Discharge

  This test is done on a non-conductive surface. The round discharge tip of the discharge electrode shall be approached as fast as possible to touch the EUT. After each discharge, the ESD generator discharge electrode shall be removed from the EUT. The generator is then ret rigged for a new single discharge and repeated 10 discharges each at positive and negative polarity for each preselected test point. This procedure shall be repeated until all the air discharge completed.
- Contact Discharge

  All the procedure is same as foregoing sub clause. except that the tip of the discharge electrode shall touch the EUT conductive surfaces & repeated 10 discharges each discharges each at positive and negative polarity for each test point before the discharge switch is operated.
- Indirect discharge for horizontal coupling plane

  At least 10 discharges each at positive and negative polarity shall be applied to the horizontal coupling plane, at points on each side of the EUT. The ESD generator positions vertically at a distance of 0.1m from the EUT and with the discharge electrode touching the coupling plane.
- Indirect discharge for vertical coupling plane

  At least 10 discharges each at positive and negative polarity shall be applied to the center of one vertical edge of the coupling plane. The coupling plane, of dimensions 0.5m x 0.5m, is placed parallel to, and positioned at a distance of 0.1m from the EUT. Discharges shall be applied to the coupling plane, with this plane in sufficient different positions that the four faces of the EUT are completely illuminated.
- For above tests, the voltage was increased from the minimum to the selected test level.

9.5. Test Result

Test Date	2024. 11. 19	Environment	22ºC, 49%, 99kPa
Input Power	AC 230V, 50Hz	Test Result	Pass
Tested By	Ghost Chang	Test Model	CCR550PS24
Test Mode	Full Load		

Air Discharge	**Voltage Level kV / Discharge per polarity 10 / Observation Criterion**								
Test Location	+2	-2	+4	-4	+8	-8	+15	-15	Comments
Metal*4(1~4)	A	A	A	A	A	A	A	A	
Contact Discharge	**Voltage Level kV / Discharge per polarity 10 / Observation Criterion**								
Test Location	+2	-2	+4	-4	+8	-8			Comments
Metal*4(1~4)	A	A	A	A	A	A			
Indirect Contact	**Voltage kV Level / Discharge per polarity 10 / Observation Criterion**								
Test Location	+2	-2	+4	-4	+8	-8			Comments
VCP Front	A	A	A	A	A	A			
VCP Right	A	A	A	A	A	A			
VCP Left	A	A	A	A	A	A			
VCP Back	A	A	A	A	A	A			
HCP Bottom	A	A	A	A	A	A			
Additional Notes									
Measurement Points	**Please refer to the Photos of ESD Test Points**								
ND=No discharge after test.									

10. Radiated, Radio-frequency, Electromagnetic Field Immunity Test

10.1.List of Test Instruments

- For 80MHz - 1GHz

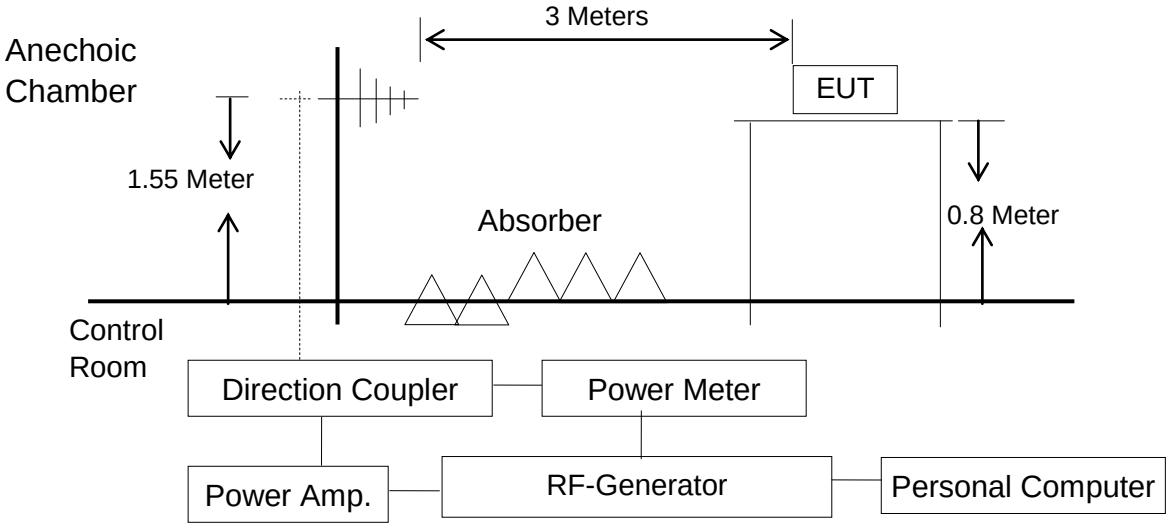
Item	Equipment	Manufacture	Model No.	Serial No.	Cal. Date	Cal. Interval
1	RF-Generator	TESEQ	ITS 6006	77039	2024. 01. 17	1 Year
2	Solid State Amplifier	Millmega	CBA1G-300D	1089475	N.C.R.	N.C.R.
3	Power Meter	TESEQ	PM 6006	77350	2024. 01. 18	1 Year
4	Power Antenna	A/R	AT1080	13002	N.C.R.	N.C.R.
5	Direction Coupler	A/R	DC6180	19323	2024. 04. 18	1 Year
6	Digital Thermo-Hygro Meter	iMax	HTC-1	No.3 RS Room	2024. 04. 11	1 Year
7	Test Software	AUDIX	i2	20170623 Ver.5	N.C.R.	N.C.R.

- ForAbove 1GHz

Item	Equipment	Manufacture	Model No.	Serial No.	Cal. Date	Cal. Interval
1	RF-Generator	TESEQ	ITS 6006	77039	2024. 01. 17	1 Year
2	Power Amplifier	MILMEGA	AS0860B-50/50	1085488	N.C.R.	N.C.R.
3	Power Meter	TESEQ	PM 6006	77348	2024. 01. 18	1 Year
4	Power Antenna	Schwarzbeck	STLP 9149	9149-642	N.C.R.	N.C.R.
5	Direction Coupler	WERLATONE	C10117-10	117681	2024. 04. 18	1 Year
6	Digital Thermo-Hygro Meter	iMax	HTC-1	No.3 RS Room	2024. 04. 11	1 Year
7	Test Software	AUDIX	i2	20170623 Ver.5	N.C.R.	N.C.R.

10.2.Test Setup

The EUT and test equipment were configured in accordance with the basic standard requirement of IEC 61000-4-3.



10.3.Applicable Standard and Test Specification

- Immunity requirement is in accordance with EN 60601-1-2

  Test specification is in accordance with EN 60601-1-2 Table 4 & Table 9

  Basic standard is in accordance with IEC 61000-4-3

Test Specification (Test Level)		Performance Criteria
Frequency Range	80MHz-2.7GHz	Annex I Section I.3.
Field Strength	3V/m (unmodulated, r.m.s)	
Modulation & Signal	80%, 1kHz AM	

- Deviation from applicable standard

  Additional test of client requirement

  Field Strength up to 10V/m

Test Specification (Test Level)							Performance Criteria
Test Freq. (MHz)	Band (MHz)	Service	Modulation	Max. Power (W)	Distance (m)	Test Level (V/m)	
385	380-390	Tetra 400	Pulse modulation [b] 18 Hz	1,8	0,3	27	Annex I Section I.3.
450	430-470	GMRS 460, FRS 460	FM [c] ± 5kHz deviation 1 kHz sine	2	0,3	28	
710	704-787	LTE Band 13, 17	Pulse modulation [b] 217 Hz	0,2	0,3	9	
745							
780							
810	800-960	GSM 800/900, TETRA 800, iDEN 820, CDMA 850, LTE Band 5	Pulse modulation [b] 18 Hz	2	0,3	28	
870							
930							
1720	1700-1990	GSM 1800; CDMA 1900; GSM 1900; DECT; LTE Band 1, 3, 4, 25; UMTS	Pulse modulation [b] 217 Hz	2	0,3	28	
1845							
1970							
2450	2400-2570	Bluetooth, WLAN, 802.11 b/g/n, RFID 2450, LTE Band 7	Pulse modulation [b] 217 Hz	2	0,3	28	
5240	5100-5800	WLAN 802.11 a/n	Pulse modulation [b] 217 Hz	0,2	0,3	9	
5500							
5785							
NOTE If necessary to achieve the IMMUNITY TEST LEVEL, the distance between the transmitting antenna and the ME EQUIPMENT or ME SYSTEM may be reduced to 1 m. The 1 m test distance is per-mitted by IEC 61000-4-3.							
a) For some services, only the uplink frequencies are included. b) The carrier shall be modulated using a 50 % duty cycle square wave signal. c) As an alternative to FM modulation, 50 % pulse modulation at 18 Hz may be used because while it does not represent actual modulation, it would be worst case.							

- Deviation from applicable standard

  No deviation

10.4.Measurement Procedure

The measurement procedure specified in IEC 61000-4-3 clause 8 was used.

- Setup the EUTs and associated equipment described as clause 4.1.
- The EUT was placed on a non-conductive table 0.8 meter above the ground, the EUT and its simulators on the turn table and keep them 3 meters away from the transmitting antenna which is mounted on an antenna tower and fixes at 1.55 meter height.
- The test was performed with the EUT exposed to both horizontally and vertically polarized fields on each of the four sides.
- All the scanning conditions are as follows:

Field Strength:	Refer Section 10.3.
Scanning Frequency:	Refer Section 10.3.
Amplitude Modulated:	Refer Section 10.3.
Step Size:	Refer Section 10.3.
The Rate of Sweep:	0.0015 decade/s
Dwell Time:	3 sec.
Test Position Angle:	0°, 90°, 180° and 270°
Polarity of Antenna:	H: Horizontal, V: Vertical

10.5. Test Result

Test Date	2024. 11. 13	Environment	22ºC, 45%
Input Power	AC 230V, 50Hz	Test Result	Pass
Tested By	Rex Wang	Test Model	CCR550PS24
Test Mode	Full Load		

Frequency Range (MHz or GHz)	Position Angle (º)	Polarity (H or V)	Field Strength (V/m)	Observation Criterion
80 – 1000 MHz	0	H	10V/m +Modulated	Pass
80 – 1000 MHz	90	H	10V/m +Modulated	Pass
80 – 1000 MHz	180	H	10V/m +Modulated	Pass
80 – 1000 MHz	270	H	10V/m +Modulated	Pass
80 – 1000 MHz	0	V	10V/m +Modulated	Pass
80 – 1000 MHz	90	V	10V/m +Modulated	Pass
80 – 1000 MHz	180	V	10V/m +Modulated	Pass
80 – 1000 MHz	270	V	10V/m +Modulated	Pass
1 – 2.7 GHz	0	H	10V/m +Modulated	Pass
1 – 2.7 GHz	90	H	10V/m +Modulated	Pass
1 – 2.7 GHz	180	H	10V/m +Modulated	Pass
1 – 2.7 GHz	270	H	10V/m +Modulated	Pass
1 – 2.7 GHz	0	V	10V/m +Modulated	Pass
1 – 2.7 GHz	90	V	10V/m +Modulated	Pass
1 – 2.7 GHz	180	V	10V/m +Modulated	Pass
1 – 2.7 GHz	270	V	10V/m +Modulated	Pass

Remark 1: Modulation Signal: 1kHz 80% AM.
Remark 2: No error occurred.

Test Date	2024. 11. 13	Environment	22ºC, 45%
Input Power	AC 230V, 50Hz	Test Result	Pass
Tested By	Rex Wang	Test Model	CCR550PS24
Test Mode	Full Load		

Frequency Range (MHz)	Position Angle (º)	Polarity (H or V)	Field Strength (V/m)	Observation Criterion
385 MHz	0, 90, 180, 270	H	27V/m +Modulated	Pass
450 MHz		H	28V/m +Modulated	Pass
810 MHz		H	28V/m +Modulated	Pass
870 MHz		H	28V/m +Modulated	Pass
930 MHz		H	28V/m +Modulated	Pass
385 MHz		V	27V/m +Modulated	Pass
450 MHz		V	28V/m +Modulated	Pass
810 MHz		V	28V/m +Modulated	Pass
870 MHz		V	28V/m +Modulated	Pass
930 MHz		V	28V/m +Modulated	Pass

Remark 1: Modulation Signal: 50% Duty Cycle at 18Hz.
Remark 2: No error occurred.

Test Date	2024. 11. 13	Environment	22ºC, 45%
Input Power	AC 230V, 50Hz	Test Result	Pass
Tested By	Rex Wang	Test Model	CCR550PS24
Test Mode	Full Load		

Frequency Range (MHz)	Position Angle (º)	Polarity (H or V)	Field Strength (V/m)	Observation Criterion
710 MHz	0, 90, 180, 270	H	9V/m +Modulated	Pass
745 MHz		H	9V/m +Modulated	Pass
780 MHz		H	9V/m +Modulated	Pass
710 MHz		V	9V/m +Modulated	Pass
745 MHz		V	9V/m +Modulated	Pass
780 MHz		V	9V/m +Modulated	Pass
1720 MHz		H	28V/m +Modulated	Pass
1845 MHz		H	28V/m +Modulated	Pass
1970 MHz		H	28V/m +Modulated	Pass
2450 MHz		H	28V/m +Modulated	Pass
1720 MHz		V	28V/m +Modulated	Pass
1845 MHz		V	28V/m +Modulated	Pass
1970 MHz		V	28V/m +Modulated	Pass
2450 MHz		V	28V/m +Modulated	Pass

Remark 1: Modulation Signal: 50% Duty Cycle at 217Hz.
Remark 2: No error occurred.

Test Date	2024. 11. 13	Environment	22ºC, 45%
Input Power	AC 230V, 50Hz	Test Result	Pass
Tested By	Rex Wang	Test Model	CCR550PS24
Test Mode	Full Load		

Frequency Range (MHz)	Position Angle (º)	Polarity (H or V)	Field Strength (V/m)	Observation Criterion
5240 MHz	0, 90, 180, 270	H	9V/m +Modulated	Pass
5500 MHz		H	9V/m +Modulated	Pass
5785 MHz		H	9V/m +Modulated	Pass
5240 MHz		V	9V/m +Modulated	Pass
5500 MHz		V	9V/m +Modulated	Pass
5785 MHz		V	9V/m +Modulated	Pass
Remark 1: Modulation Signal: 50% Duty Cycle at 217Hz. Remark 2: No error occurred.				

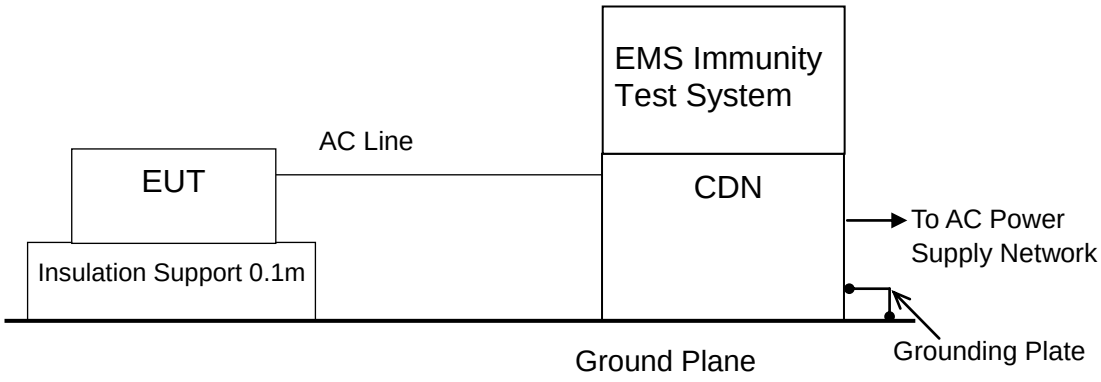
11. Electrical fast transient/burst Immunity Test

11.1.List of Test Instruments

Item	Equipment	Manufacture	Model No.	Serial No.	Cal. Date	Cal. Interval
1	EMS Immunity Test System	HAEFELY AG	AXOS 8	192048	2024. 10. 14	1 Year
2	C.D.N.	HAEFELY AG	FP-COMB 32	192635	2024. 10. 15	1 Year
3	Switch Box	HAEFELY AG	Switch Box	191484	2024. 10. 14	1 Year
4	Digital Thermo-Hygro Meter	iMax	HTC-1	No.3 EFT/SURGE	2024. 04. 11	1 Year
5	Test Software	HAFFELY AG	VNC Viewer	2.12.0	N.C.R.	N.C.R.

11.2.Test Setup

The EUT and test equipment were configured in accordance with the basic standard requirement of IEC 61000-4-4.



11.3.Applicable Standard and Test Specification

- Immunity requirement is in accordance with EN 60601-1-2

  Test specification is in accordance with EN 60601-1-2 Table 5, Table 6 and Table 8
  Basic standard is in accordance with IEC 61000-4-4

Test Specification		Performance Criterion
Signal and Telecommunication Ports, Voltage Peak	±1kV	Annex I Section I.3.
Input AC Power Ports, Voltage Peak	±2kV	
Input DC Power Ports, Voltage Peak	±2kV	
Wave Shape of Pulse	5/50 Tr/Th ns	
Repetition Frequency	100kHz	

- Deviation from applicable standard

  No deviation

11.4.Measurement Procedure

The measurement procedure specified in IEC 61000-4-4 clause 8 was used.

- Setup the EUTs and associated equipment described as clause 4.1.
- The EUT and its simulators was placed 0.1m high above the ground reference plane which was a min. 1m*1m metallic sheet with 0.65mm minimum thickness.
- This reference ground plane is project beyond the EUT by at least 0.1m on all sides and the minimum distance between EUT and all other conductive structure, except the ground plane beneath the EUT, shall be more than 0.5m.
- For input and output AC power ports
- The EUT was connected to the power mains by using a coupling device which couples the EFT interference signal to AC power lines, and the length of the power line between the coupling device and the EUT shall be 0.5m or less. Both polarities of the test voltage should be applied during compliance test and the duration of the test can‘t less than 1min.
- For signal lines and control lines ports

  The I/O interface cable of the EUT is connected to its simulator through a capacitive coupling clamp that is 1 meter long. The capacitive coupling clamp is impressed with burst noise for 1min and indirectly couples burst to I/O interface cable.

  [Remark: SIP/SOPS whose maximum cable length is less than 3 m in length are excluded.]
- For DC input and DC output power ports

  The DC power cable of the EUT is connected to the DC power source by using a coupling device which couples the EFT interference signal to DC power lines. Both polarities of the test voltage should be applied during compliance test and the duration of the test can‘t less than 2min

  [Remark: Applicable only to DC power ports when the EUT supports this ports.]

11.5. Test Result

Test Date	2024. 11. 14	Environment	24ºC, 45%
Input Power	AC 230V, 50Hz	Test Result	Pass
Tested By	Gary Lin	Test Model	CCR550PS24
Test Mode	Full Load		

Input AC Power Port					
Inject Line	**Polarity (+/-)**	**Test Voltage Peak (kV)**	**Inject Time (s)**	**Inject Method**	**Observation Criterion**
L	+	0.5, 1, 2	60	Direct	Pass
L	-	0.5, 1, 2	60	Direct	Pass
N	+	0.5, 1, 2	60	Direct	Pass
N	-	0.5, 1, 2	60	Direct	Pass
PE	+	0.5, 1, 2	60	Direct	Pass
PE	-	0.5, 1, 2	60	Direct	Pass
L,N,PE	+	0.5, 1, 2	60	Direct	Pass
L,N,PE	-	0.5, 1, 2	60	Direct	Pass
Remark: No error occurred.					

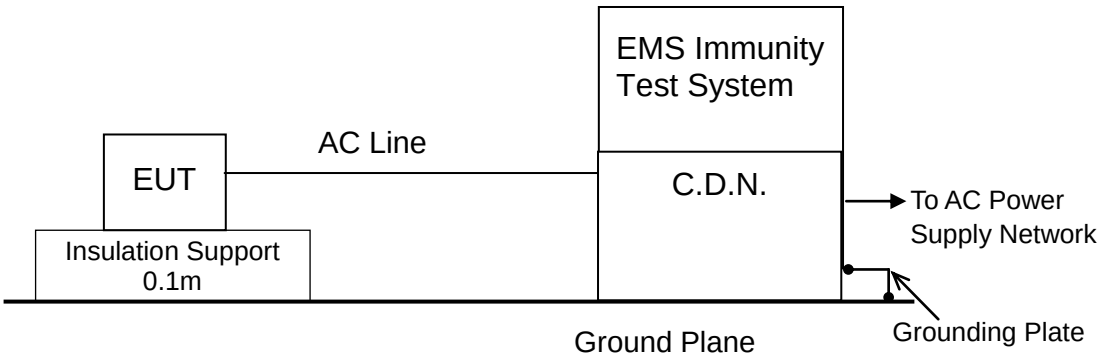
12. Surge Immunity Test

12.1.List of Test Instruments

Item	Equipment	Manufacture	Model No.	Serial No.	Cal. Date	Cal. Interval
1	EMS Immunity Test System	HAEFELY AG	AXOS 8	192048	2024. 10. 14	1 Year
2	C.D.N.	HAEFELY AG	FP-COMB 32	192635	2024. 10. 15	1 Year
3	Switch Box	HAEFELY AG	Switch Box	191484	2024. 10. 14	1 Year
4	Digital Thermo-Hygro Meter	iMax	HTC-1	No.3 EFT/SURGE	2024. 04. 11	1 Year
5	Test Software	HAFFELY AG	VNC Viewer	2.12.0	N.C.R.	N.C.R.

12.2.Test Setup

The EUT and test equipment were configured in accordance with the basic standard requirement of IEC 61000-4-5.



12.3. Applicable Standard and Test Specification

- Immunity requirement is in accordance with EN 60601-1-2

  Test specification is in accordance with EN 60601-1-2 Table 5, Table 6 and Table 8
  Basic standard is in accordance with IEC 61000-4-5

Test Specification		Performance Criterion
Signal and Telecommunication Ports, Open Circuit Voltage	Voltage Peak (line to line): ±2kV	Annex I Section I.3.
	Waveform: 10/700 Tr/Th μs	
Input AC Power Ports, Open Circuit Voltage	Voltage Peak (line to line): ±0.5kV, ±1kV Voltage Peak (line to earth or ground): ±0.5kV, ±1kV, ±2kV	
	Waveform: 1.2/50 (8/20) Tr/Th μs	
Input DC Power Ports	Voltage Peak (line to line): ±0.5kV, ±1kV Voltage Peak (line to earth or ground): ±0.5kV, ±1kV, ±2kV	
	Waveform: 1.2/50 (8/20) Tr/Th μs	

- Deviation from applicable standard

  Additional test of client requirement
  Voltage Peak (line to line): ±2kV
  Voltage Peak (line to earth or ground): ±4kV

12.4. Measurement Procedure

For Input and Output AC Power Port

The measurement procedure specified in IEC 61000-4-5 clause 8 was used.

- Setup the EUTs and associated equipment described as clause 4.1.
- For line to line coupling mode, provided a 0.5/1kV 1.2/50 μs current surge (at open-circuit condition) and 8/20 μs current surge to EUT selected points.
- At least 5 positive and 5 negative (polarity) tests with a maximum 1/min repetition rate.
- Different phase angles (at 0º, 90º, 180º and 270º) were done individually.
- Repeat above procedure except the open-circuit test voltages 0.5kV/1kV/2kV for line to earth coupling mode test.

For Telecommunication Port

- Setup the EUTs and associated equipment described as clause 4.1.
- For Off Line Mode: The waveform is an open-circuit voltage front time of 10 μs, and an open-circuit voltage time to half value of 700 μs.
- For On Line mode: The waveform is an open-circuit voltage front time of 1.2 μs, and an open-circuit voltage time to half value of 50 μs.
- In the case of shielded line, the surge is applied to direct application.

12.5.Test Result

Test Date	2024. 11. 14	Environment	24ºC, 45%
Input Power	AC 230V, 50Hz	Test Result	Pass
Tested By	Gary Lin	Test Model	CCR550PS24
Test Mode	Full Load		

Input AC Power Port, Open Circuit Voltage					
Location	**Polarity (+/-)**	**Phase Angle (º)**	**Test Voltage Peak (kV)**	**No of Pulse**	**Observation Criterion**
L-N	+	0	0.5, 1, 2	5	A
	+	90	0.5, 1, 2	5	A
	+	180	0.5, 1, 2	5	A
	+	270	0.5, 1, 2	5	A
	-	0	0.5, 1, 2	5	A
	-	90	0.5, 1, 2	5	A
	-	180	0.5, 1, 2	5	A
	-	270	0.5, 1, 2	5	A
L-PE	+	0	0.5, 1, 2, 4	5	A
	+	90	0.5, 1, 2, 4	5	A
	+	180	0.5, 1, 2, 4	5	A
	+	270	0.5, 1, 2, 4	5	A
	-	0	0.5, 1, 2, 4	5	A
	-	90	0.5, 1, 2, 4	5	A
	-	180	0.5, 1, 2, 4	5	A
	-	270	0.5, 1, 2, 4	5	A
N-PE	+	0	0.5, 1, 2, 4	5	A
	+	90	0.5, 1, 2, 4	5	A
	+	180	0.5, 1, 2, 4	5	A
	+	270	0.5, 1, 2, 4	5	A
	-	0	0.5, 1, 2, 4	5	A
	-	90	0.5, 1, 2, 4	5	A
	-	180	0.5, 1, 2, 4	5	A
	-	270	0.5, 1, 2, 4	5	A
Remark : No error occurred.					

13. Immunity to Conducted Disturbances, Induced by Radio-Frequency Field Immunity Test

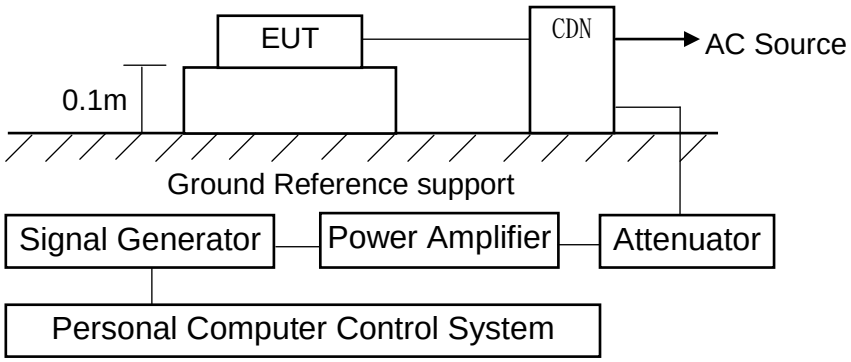
13.1.List of Test Instruments

Item	Equipment	Manufacture	Model No.	Serial No.	Cal. Date	Cal. Interval
1	Signal Generator	HP	8648A	3687A03682	2024. 03. 26	1 Year
2	Power Amplifier	A & R	100A250A	0330351	N.C.R.	N.C.R.
3	Attenuator	Weinschel	40-6-34	NB538	2024. 04. 18	1 Year
4	CDN	TESEQ	CDN M016	34607	2024. 01. 05	1 Year
5	Power Meter	TESEQ	NSG 4070B-80	035076	2024. 08. 08	1 Year
6	Directional Coupler	WERLATONE	C5086-10	116882	2024. 07. 31	1 Year
7	Digital Ther-mo-Hygro Meter	iMax	HTC-1	No.2 CS Room	2024. 04. 11	1 Year

13.2.Test Setup

The EUT and test equipment were configured in accordance with the basic standard requirement of IEC 61000-4-6.

- Setup for AC Power Port (Common Mode)



13.3.Applicable Standard and Test Specification

- Immunity requirement is in accordance with EN 60601-1-2

  Test specification is in accordance with EN 60601-1-2 Table 5, Table 6 and Table 8
  Basic standard is in accordance with IEC 61000-4-6

Test Specification (Test Level)		Performance Criteria
Signal and telecommunication ports, AC Input and Output Power Ports		
Frequency Range	0.15-80MHz	Annex I Section I.3.
Field Strength	3V (unmodulated, r.m.s)	
	6V (unmodulated, r.m.s) in ISM bands between 0,15 MHz and 80 MHz[n])	
Modulation	80% AM (1kHz)	

- Deviation from applicable standard

  No deviation

13.4.Measurement Procedure

The measurement procedure specified in IEC 61000-4-6 clause 8 was used.

**** For AC Power Line ****

- Setup the EUTs and associated equipment described as clause 4.1.
- The EUT and supporting equipment were placed on an insulating support 0.1m high above a ground reference plane. CDN (coupling and decoupling device) was placed on the ground plane making contact with it at about 0.1-0.3m from EUT. Cables between CDN and EUT were as short as possible.
- The disturbance signal described below was injected to EUT through CDN.
- The EUT operates within its operational mode(s) under intended climatic conditions after power on.
- The frequency range was swept from 0.15 to 80MHz using 3V signal level, and with the disturbance signal 80% amplitude modulated with a 1kHz sine wave.
- The rate of sweep shall not exceed 1.5*10^3decades/s. Where the frequency was swept incrementally, the step size shall not exceed 1% of the start and thereafter 1% of the preceding frequency value.
- Recording the EUT operating situation during compliance testing and decide the EUT immunity criterion.

**** For Signal Port ****

- The EUT and supporting equipment were placed on an insulating support 0.1m high above a ground reference plane. EM Injection Clamp (coupling and decoupling device) was placed on the ground plane making contact with it at about 0.1-0.3m from EUT. Cables between EM Injection Clamp and EUT were as short as possible.
- The CDN was placed on between AE and EUT. The EUT and AE of power through CDN, CDN terminated with 50Ω at the RF disturbance input port.
- The disturbance signal described below was injected to EUT through EM Injection Clamp.

  [Remark: SIP/SOPS whose maximum cable length is less than 1 m are excluded.]

13.5.Test Result

Test Date	2024. 11. 20	Environment	26ºC, 48%
Input Power	AC 230V, 50Hz	Test Result	Pass
Tested By	Joe Huang	Test Model	CCR550PS24
Test Mode	Full Load		

Frequency Range (MHz)	Injected Position	Voltage Level	Observation Criterion
0.15 - 80MHz	Main (Input AC Power Line)	3V(rms) + Modulated	Pass
6.765 - 6.795MHz 13.553 - 13.567MHz 26.957 - 27.283MHz 40.66 - 40.70MHz	Main (Input AC Power Line)	6V(rms) + Modulated	Pass
Remark 1: Modulation Signal: 1kHz 80% AM. Remark 2: No error occurred.			

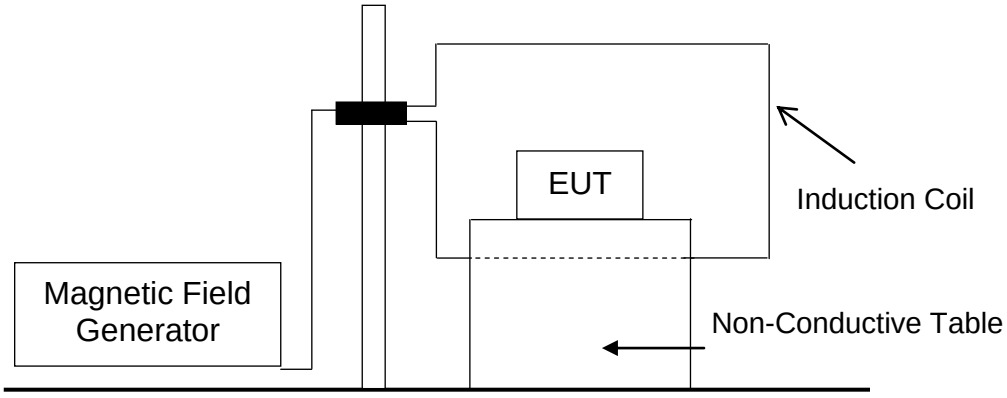
14. Power Frequency Magnetic Field Immunity Test

14.1.List of Test Instruments

Item	Equipment	Manufacture	Model No.	Serial No.	Cal. Date	Cal. Interval
1	Magnetic Field Tester	Haefely Trench	MAG100.1	080015-01	2024. 05. 21	1 Year
2	Digital Thermo-Hygro Meter	iMax	HTC-1	No.3 Magnetic Room	2024. 04. 11	1 Year

14.2.Test Setup

The EUT and test equipment were configured in accordance with the basic standard requirement of IEC 61000-4-8.



14.3. Applicable Standard and Test Specification

- Immunity requirement is in accordance with EN 60601-1-2

  Test specification is in accordance with EN 60601-1-2 Table 4
  Basic standard is in accordance with IEC 61000-4-8

Test Specification (Test Level)		Performance Criteria
Power Frequency	50Hz / 60Hz	Annex I Section I.3.
Magnetic Field Strength	30A/m (rms)	

- Deviation from applicable standard

  No deviation

14.4.Measurement Procedure

The measurement procedure specified in IEC 61000-4-8 clause 8 was used.

- Setup the EUTs and associated equipment described as clause 4.1.
- The equipment cabinets which can be earthed shall be connected to the safety earth directly on the GRP or via the earth terminal to PE.
- The EUT was placed on 0.8m high table, and subjected to the test magnetic field by using the induction coil of standard dimensions (1m x 1m).
- The induction coil rotated by 90 degrees in order to expose the EUT to the test field with different orientations (at X-axis, Y-axis and Z-axis).
- The power supply, input and output circuits shall be connected to the sources of power supply, control and signal.
- All cables of EUT exposed to magnetic field for 1m of their length.
- The preferential range of test levels, respectively for continuous of the magnetic field, applicable to distribution networks at 50 Hz or 60 Hz.

14.5. Test Result

Test Date	2024. 11. 14	Environment	23ºC, 45%
Input Power	AC 230V, 50Hz	Test Result	Pass
Tested By	Fans Lee	Test Model	CCR550PS24
Test Mode	Full Load		

Power Frequency	Magnetic Field Strength	Coil Orientation	Testing Duration	Observation Criterion
50Hz	30A/m	X-axis	1 Min	Pass
50Hz	30A/m	Y-axis	1 Min	Pass
50Hz	30A/m	Z-axis	1 Min	Pass
60Hz	30A/m	X-axis	1 Min	Pass
60Hz	30A/m	Y-axis	1 Min	Pass
60Hz	30A/m	Z-axis	1 Min	Pass
Remark: No error occurred.				

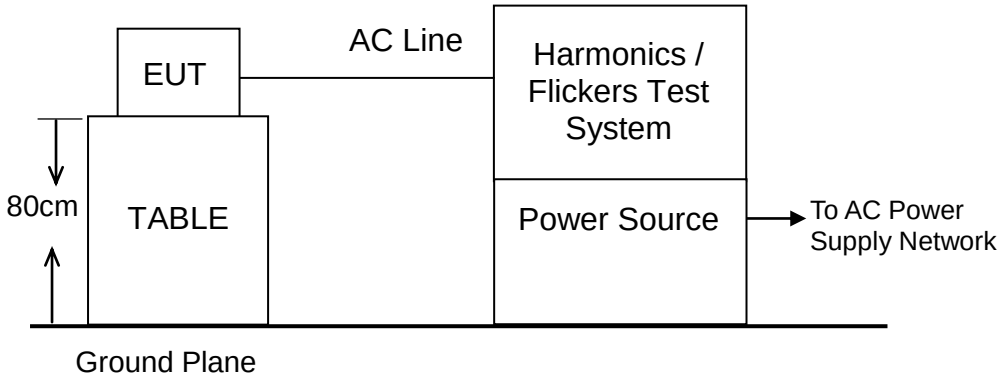
15. Voltage Dips and Interruptions Immunity Test

15.1.List of Test Instruments

Item	Equipment	Manufacture	Model No.	Serial No.	Cal. Date	Cal. Interval
1	Harmonics / Flickers Test System (Signal Conditioning Unit)	TESEQ	CCN 1000-1	1908A00804	2024. 03. 21	1 Year
2	Harmonics / Flickers Test System (Signal Phase Impedance Network)	TESEQ	INA 2151	1908A00805	2024. 03. 21	1 Year
3	4 Quadrant Voltage Amplifier	SPITZENBERGER & SPIES	APS 5000	A7019	2024. 03. 21	1 Year
4	Digital Thermo-Hygro Meter	iMax	HTC-1	No.3 Harmonics	2024. 04. 11	1 Year
5	Test Software	California Instruments	CTS 4	V4.26.0	N.C.R.	N.C.R.

15.2.Test Setup

The EUT and test equipment were configured in accordance with the basic standard requirement of IEC 61000-4-11.



15.3.Applicable Standard and Test Specification

- Immunity requirement is in accordance with EN 60601-1-2

  Test specification is in accordance with EN 60601-1-2 Table 5
  Basic standard is in accordance with IEC 61000-4-11

Test Specification		Performance Criterion
Voltage Dips	0% residual voltage, 0.5 cycle	Annex I Section I.3.
Voltage Dips	0% residual voltage, 1 cycle	
Voltage Dips	70% residual voltage, 25 cycle (50Hz) or 30 cycle (60Hz)	
Voltage Interruptions	0% residual voltage , 250 cycle (50Hz) or 300 cycle (60Hz)	

- Deviation from applicable standard

  No deviation

15.4.Measurement Procedure

The measurement procedure specified in IEC 61000-4-11 clause 8 was used.

- Setup the EUT and associated equipment described as clause 4.1.
- During the tests, the mains voltage for testing shall be monitored within an accuracy of 2 %.
- The EUT shall be tested for each selected combination of test level and duration with a sequence of three dips/interruptions with intervals of 10 s minimum (between each test event). Each representative mode of operation shall be tested.
- For voltage dips, changes in supply voltage shall occur at zero crossings of the voltage, and at additional angles considered critical by product committees or individual product specifications preferably selected from 0°, 45°, 90°, 135°, 180°, 225°, 270° and 315° on each phase.
- For short interruptions, the angle shall be defined by the product committee as the worst case. In the absence of definition, it is recommended to use 0°, 45°, 90°, 135°, 180°, 225°, 270° and 315° on each phase.
- For each test, any degradation of performance shall be recorded. The monitoring equipment should be capable of displaying the status of the operational mode of the EUT during and after the tests. After each group of tests, a full functional check shall be performed.

15.5.Test Result

	2024. 11. 14	Environment	23ºC, 45%
Input Power	AC 100-240V, 50-60Hz	Result	Pass
Tested By	Fans Lee	Test Model	CCR550PS24
Test Mode	Full Load		

Type of Test	Test Voltage	Phase Angle (º)	Voltage Reduction (%)	Cycle		Observation Criterion
				50Hz	60Hz	
Voltage Interruption	100V 240V	0	0%	250	300	Pass (Note)
		45	0%	250	300	Pass (Note)
		90	0%	250	300	Pass (Note)
		135	0%	250	300	Pass (Note)
		180	0%	250	300	Pass (Note)
		225	0%	250	300	Pass (Note)
		270	0%	250	300	Pass (Note)
		315	0%	250	300	Pass (Note)
Voltage Dips	100V 240V	0	0%	0.5	0.5	Pass
		45	0%	0.5	0.5	Pass
		90	0%	0.5	0.5	Pass
		135	0%	0.5	0.5	Pass
		180	0%	0.5	0.5	Pass
		225	0%	0.5	0.5	Pass
		270	0%	0.5	0.5	Pass
		315	0%	0.5	0.5	Pass
	100V 240V	0	0%	1	1	Pass
	100V 240V	0	70%	25	30	Pass
Note: The EUT was stopped working during the test which required the operator intervention to recover.						

16. Proximity Magnetic Fields Immunity Test

16.1.List of Test Instruments

- Test Frequency 30kHz and 134.2kHz

Item	Equipment	Manufacture	Model No.	Serial No.	Cal. Date	Cal. Interval
1	Signal Generator	HP	8648A	3687A03682	2024. 03. 26	1 Year
2	Power Amplifier	A & R	100A250A	0330351	N.C.R.	N.C.R.
3	Power Meter	Agilent	N1913A	MY52070009	2023. 12. 19	1 Year
4	Power Sensor	HP	8482A	2607A10292	N.C.R.	N.C.R.
5	CDN	TESEQ	CDN M016	34607	2024. 01. 05	1 Year
6	Radiating Loop Antenna	TESEQ	RLA 6120-20	79990	2024. 02. 27	1 Year
7	Sensor Probe	TESEQ	CSP 9160A	79754	2024. 02. 27	1 Year
8	Loop Sensor	TESEQ	FSL 6040-51	79925	2024. 02. 27	1 Year
9	Directional Coupler	WERLATONE	C5086-10	116882	2024. 07. 31	1 Year
10	Digital Thermo-Hygro Meter	iMax	HTC-1	No.2 CS Room	2024. 04. 11	1 Year

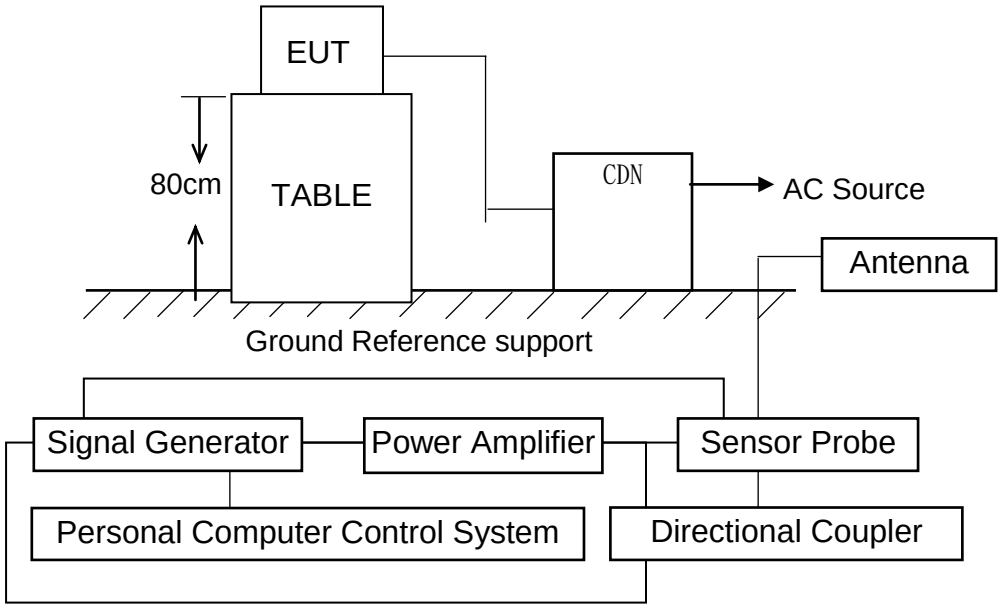
- Test Frequency 13.56MHz

Item	Equipment	Manufacture	Model No.	Serial No.	Cal. Date	Cal. Interval
1	Signal Generator	HP	8648A	3687A03682	2024. 03. 26	1 Year
2	Power Amplifier	A & R	100A250A	0330351	N.C.R.	N.C.R.
3	Power Meter	Agilent	N1913A	MY52070009	2023. 12. 19	1 Year
4	Power Sensor	HP	8482A	2607A10292	N.C.R.	N.C.R.
5	CDN	TESEQ	CDN M016	34607	2024. 01. 05	1 Year
6	Radiating Loop Antenna	TESEQ	RLA 6100-3	79787	2024. 02. 27	1 Year
7	Loop Sensor	TESEQ	FSL 6040-1	78778	2024. 02. 27	1 Year
8	Matching Network	TESEQ	ANP 4039	61999	N.C.R.	N.C.R.
9	Directional Coupler	WERLATONE	C5086-10	116882	2024. 07. 31	1 Year
10	Digital Thermo-Hygro Meter	iMax	HTC-1	No.2 CS Room	2024. 04. 11	1 Year

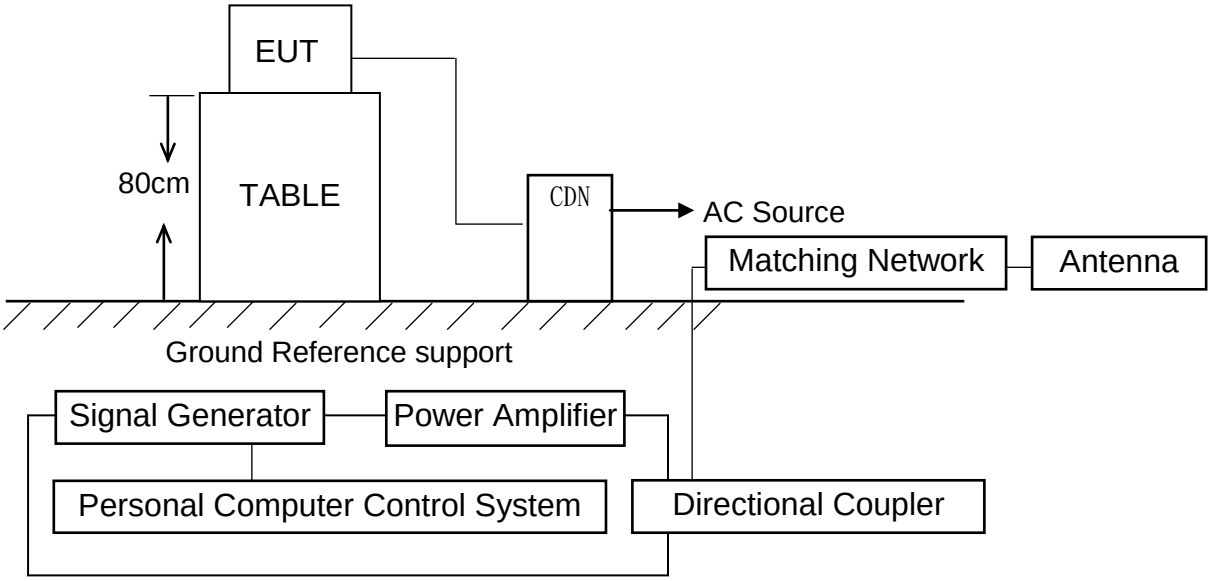
16.2.Test Setup

The EUT and test equipment were configured in accordance with the basic standard requirement of IEC 61000-4-39.

- Test Frequency 30kHz and 134.2kHz



- Test Frequency 13.56MHz



16.3.Applicable Standard and Test Specification

- Immunity requirement is in accordance with EN 60601-1-2

  Test specification is in accordance with EN 60601-1-2 Table 4 and Table 11
  Basic standard is in accordance with IEC 61000-4-39

Test frequency	Modulation	IMMUNITY TEST LEVEL (A/m)	Performance Criteria
30 kHz a)	CW	8	Test Criteria of according to clause 2.2.
134.2 kHz	Pulse modulation b) 2.1 kHz	65 c)	
13.56 MHz	Pulse modulation b) 50 kHz	7.5 c)	

a) This test is applicable only to ME EQUIPMENT and ME SYSTEMS intended for use in the HOME HEALTHCARE ENVIRONMENT.

b) The carrier shall be modulated using a 50 % duty cycle square wave signal.

c) r.m.s., before modulation is applied.

- Deviation from applicable standard

  No deviation

16.4.Measurement Procedure

The measurement procedure specified in IEC 61000-4-39 clause 8.5 was used.

- Testing shall be performed according to a test plan.
- The test is performed by exposing the EUT to the test signal based on the level defined in Table 11. The test setup is as shown in 16.2.
- With the equipment operating in modes identified according to Electromagnetic conditions, place the radiating coil at the test distance d, (50±3) mm, depending on the frequency range, from a test point on the equipment . Orient the plane of the loop sensor parallel to the equipment faces. Generate the defined magnetic field levels based on the verification.
- It is not intended that the test needs to be applied continuously over the entire frequency range. Specific test frequencies may be selected by product committees, as appropriate, or the frequencies given in Table 11 can be chosen.
- The frequency ranges to be considered are swept with the signal modulated according to Table 11, pausing to adjust the RF signal level or to switch oscillators and radiating loops as necessary. The dwell time at each frequency step depends on the reaction time of the equipment and shall be long enough for the equipment to adequately respond to the test signal. The minimum dwell time is 2 s. Additional dwell time at each test frequency may be necessary to allow the EUT to be exercised in appropriate operating modes. The dwell time shall be documented in the test report.

- Expose the equipment surfaces that are subject to illumination by magnetic fields under normal use. Where feasible, it is recommended that all sides of table-top and portable equipment are tested. For floor-standing equipment, the bottom side should not be tested.
- Unless stated otherwise in the generic, product or product-family standards, the exposure to the magnetic field shall be applied only to those points and surfaces of the EUT which can be seen as input ports for magnetic fields. The following areas do not require testing:

  甲、surfaces where fixed mechanical barriers outside the equipment prevent sources of magnetic fields from being positioned closer than 0.25 m to the surface of the equipment

  乙、surfaces constructed in a manner preventing magnetic sources from coming closer than 0,25 m to active components (sensors, cables, PCBs, etc) inside the equipment (for example, plastic housing with space behind or covering only passive mechanical constructions)

  丙、those points and surfaces of the equipment which are no longer accessible to portable RF transmitters in close proximity after fixed installation or after following the instructions for use (for example, the bottom and/or wall-side of equipment or areas)

  丁、surfaces consisting of a homogeneous ferromagnetic material (thickness > 0.25 mm) made of one piece having the size of more than 150 % of the loop diameter in each of the two relevant dimensions

  戊、surfaces or areas of the EUT that are exposed to electromagnetic fields from portable transmitting devices used in close proximity only during service or maintenance operations.
- If the arrangement specified above cannot be realized, for example because of product-specific depressions or bulges or attached cables, the most critical position for the proximity of portable transmitting devices shall be identified and tested. This special situation shall be documented in the test report.

16.5.Test Result

	2024. 11. 20	Environment	26ºC, 48%
Input Power	AC 230V, 50Hz	Result	Pass
Tested By	Fans Lee	Test Model	CCR550PS24
Test Mode	Full Load		

Test Frequency Immunity Test Level(A/m)	Testing Duration	Modulation	Observation Criterion
134.2 kHz, 65 A/m	≧ 2 seconds	Plus modulation 2.1kHz	Pass
13.56 MHz, 7.5 A/m	≧ 2 seconds	Plus Modulation 50kHz	Pass
Remark : No error occurred.			

17. Measurement Uncertainty List

The measurement uncertainty was estimated for test on the EUT according to CISPR 16-4-2. This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage of K=2.

The uncertainties value is not used in determining the PASS/FAIL results.

Test Items/Facilities	Frequency/Equipment/Unit	Uncertainty
Conducted emissions at AC mains power port (No. 5 Shielded Room)	150kHz-30MHz	±3.4dB
Conducted emissions at AC mains power port (No. 7 Shielded Room)	9kHz-150kHz	±3.6dB
	150kHz-30MHz	±3.3dB
Conducted emissions at AC mains power port (No. 8 Shielded Room)	9kHz-150kHz	±3.7dB
	150kHz-30MHz	±3.4dB
Conducted emissions Power Clamp (No. 5 Shielded Room)	30MHz-300MHz	±4.6dB
Conducted emissions Power Clamp (No. 7 Shielded Room)	30MHz-300MHz	±4.4dB
Conducted emissions Power Clamp (No. 8 Shielded Room)	30MHz-300MHz	±4.4dB
Conducted emissions at wired network port using AAN	150kHz ~ 30MHz / T8 Cat.6	±4.1dB
	150kHz ~ 30MHz / T800 Cat.3	±3.9dB
	150kHz ~ 30MHz / T800 Cat.5	±4.0dB
	150kHz ~ 30MHz / T400 Cat.3	±3.9dB
	150kHz ~ 30MHz / T400 Cat.5	±4.0dB
	150kHz ~ 30MHz / ST08 Cat.3	±3.8dB
	150kHz ~ 30MHz / ST08 Cat.5	±3.8dB
	150kHz ~ 30MHz / ST08 Cat.6	±3.8dB
	150kHz ~ 30MHz / S751	±3.8dB
	150kHz ~ 30MHz / FCC-TLISN-T2-02	±3.9dB
Conducted emissions at broadcast receiver tuner port	150kHz-30MHz	±3.4dB
Radiated, magnetic field (Triple-Loop Antenna)	9kHz-30MHz	±1.5dB
Radiated, magnetic field (Loop Antenna)	9kHz-30MHz	±3.2dB
Radiated emissions (No.1 10m Semi Anechoic Chamber)	30MHz-200MHz, 3m, Horizontal	±4.6dB
	200MHz-1000MHz, 3m, Horizontal	±4.1dB
	30MHz-200MHz, 3m, Vertical	±4.8dB
	200MHz-1000MHz, 3m, Vertical	±4.6dB
	30MHz-200MHz, 10m, Horizontal	±4.5dB
	200MHz-1000MHz, 10m, Horizontal	±4.1dB
	30MHz-200MHz, 10m, Vertical	±4.8dB
	200MHz-1000MHz, 10m, Vertical	±4.6dB
	1GHz-6GHz, 3m	±4.7dB
	6GHz-18GHz, 3m	±4.4dB

Test Items/Facilities	Frequency/Equipment/Unit	Uncertainty
Radiated emissions (No.2 10m Semi Anechoic Chamber)	30MHz-200MHz, 3m, Horizontal	±4.1dB
	200MHz-1000MHz, 3m, Horizontal	±4.1dB
	30MHz-200MHz, 3m, Vertical	±4.8dB
	200MHz-1000MHz, 3m, Vertical	±4.5dB
	30MHz-200MHz, 10m, Horizontal	±4.1dB
	200MHz-1000MHz, 10m, Horizontal	±4.1dB
	30MHz-200MHz, 10m, Vertical	±4.7dB
	200MHz-1000MHz, 10m, Vertical	±4.4dB
	1GHz-6GHz, 3m	±4.8dB
	6GHz-18GHz, 3m	±4.4dB
Radiated emissions (No.1 3m Semi Anechoic Chamber)	30MHz-200MHz, 3m, Horizontal	±3.8dB
	200MHz-1000MHz, 3m, Horizontal	±4.2dB
	30MHz-200MHz, 3m, Vertical	±4.7dB
	200MHz-1000MHz, 3m, Vertical	±4.8dB
	1GHz-6GHz, 3m	±4.8dB
	6GHz-18GHz, 3m	±4.3dB
Radiated emissions (No.2 3m Semi Anechoic Chamber)	30MHz-200MHz, 3m, Horizontal	±3.9dB
	200MHz-1000MHz, 3m, Horizontal	±4.0dB
	30MHz-200MHz, 3m, Vertical	±4.4dB
	200MHz-1000MHz, 3m, Vertical	±4.5dB
	1GHz-6GHz, 3m	±4.9dB
	6GHz-18GHz, 3m	±4.5dB
Radiated emissions (No.3 3m Semi Anechoic Chamber)	30MHz-200MHz, 3m, Horizontal	±3.9dB
	200MHz-1000MHz, 3m, Horizontal	±4.2dB
	30MHz-200MHz, 3m, Vertical	±4.7dB
	200MHz-1000MHz, 3m, Vertical	±4.8dB
	1GHz-6GHz, 3m	±4.5dB
	6GHz-18GHz, 3m	±4.0dB
Radiated emissions (No.4 3m Semi Anechoic Chamber)	30MHz-200MHz, 3m, Horizontal	±3.9dB
	200MHz-1000MHz, 3m, Horizontal	±4.3dB
	30MHz-200MHz, 3m, Vertical	±4.8dB
	200MHz-1000MHz, 3m, Vertical	±4.9dB
	1GHz-6GHz, 3m	±4.2dB
	6GHz-18GHz, 3m	±3.8dB
Radiated emissions (No.5 3m Semi Anechoic Chamber)	30MHz-200MHz, 3m, Horizontal	±3.9dB
	200MHz-1000MHz, 3m, Horizontal	±4.1dB
	30MHz-200MHz, 3m, Vertical	±4.8dB
	200MHz-1000MHz, 3m, Vertical	±4.7dB
	1GHz-6GHz, 3m	±4.8dB
	6GHz-18GHz, 3m	±4.6dB
Radiated emissions (18GHz-40GHz)	18GHz-40GHz, 3m	±3.4dB

Test Items/Facilities	Frequency/Equipment/Unit	Uncertainty
Radiated emissions (No.6 Open Area Test Site)	30MHz-200MHz, 3m, Horizontal	±4.0dB
	200MHz-1000MHz, 3m, Horizontal	±4.4dB
	30MHz-200MHz, 3m, Vertical	±4.3dB
	200MHz-1000MHz, 3m, Vertical	±4.5dB
	30MHz-200MHz, 10m, Horizontal	±3.9dB
	200MHz-1000MHz, 10m, Horizontal	±4.3dB
	30MHz-200MHz, 10m, Vertical	±4.2dB
	200MHz-1000MHz, 10m, Vertical	±4.5dB
Radiated emissions (No.7 Open Area Test Site)	30MHz-200MHz, 3m, Horizontal	±4.1dB
	200MHz-1000MHz, 3m, Horizontal	±4.2dB
	30MHz-200MHz, 3m, Vertical	±4.7dB
	200MHz-1000MHz, 3m, Vertical	±4.9dB
	30MHz-200MHz, 10m, Horizontal	±4.1dB
	200MHz-1000MHz, 10m, Horizontal	±4.2dB
	30MHz-200MHz, 10m, Vertical	±4.6dB
	200MHz-1000MHz, 10m, Vertical	±4.8dB
Radiated emissions (No.8 Open Area Test Site)	30MHz-200MHz, 3m, Horizontal	±4.3dB
	200MHz-1000MHz, 3m, Horizontal	±4.4dB
	30MHz-200MHz, 3m, Vertical	±4.7dB
	200MHz-1000MHz, 3m, Vertical	±4.8dB
	30MHz-200MHz, 10m, Horizontal	±4.2dB
	200MHz-1000MHz, 10m, Horizontal	±4.4dB
	30MHz-200MHz, 10m, Vertical	±4.6dB
	200MHz-1000MHz, 10m, Vertical	±4.8dB

Test Items/Facilities	Frequency/Equipment/Unit		Uncertainty
Harmonic current	CCN 1000-1		±0.71%
Voltage fluctuations & flicker	CCN 1000-1		±3.1%
Electrostatic discharge (ESD)	NSG 437		Ucurrent = 13.8% Uvoltage = 1.3% Utime = 10.0%
	Dito		Ucurrent = 25.8% Uvoltage = 3.0% Utime = 8.8%
	MZ-15/EC		Ucurrent = 27.5% Uvoltage = 3.1% Utime = 7.5%
	NSG 438		Ucurrent = 10.1% Uvoltage = 4.7% Utime = 17.5%
Radio-frequency electromagnetic field, Continuous radiated disturbances (RS)	80MHz-1000MHz		±1.6dB
	1GHz-6GHz		±2.2dB
Radio-frequency electromagnetic field, Continuous radiated disturbances (RS) (Audio)	80MHz-1000MHz		±1.6dB
	1GHz-6GHz		±2.2dB
Electrical fast transient/burst (EFT)	TESEQ	Generator	Uvoltage = 5.1% Utime = 20.0%
		CDN (AC power port)	Uvoltage = 6.0% Utime = 9.1%
		Clamp (Signal port)	Uvoltage = 7.3% Utime = 8.0%
Surge (TESEQ)	Open-circuit output voltage		Uvoltage = 9.3%
	Rise time		Utime = 17.9%
	Duration time		Utime = 11.0%
	Short-circuit output current		Ucurrent = 7.2%
	Rise time		Utime = 12.1%
	Duration time		Utime = 11.2%
Radio-frequency, continuous conducted disturbances (CS)	CDN (AC power port)		2.9dB
	EM-Clamp (Signal port)		3.6dB
Radio-frequency, continuous conducted disturbances (CS) (Audio)	CDN (AC power port)		2.9dB
	EM-Clamp (Signal port)		3.6dB
Power-frequency magnetic field (PFMF)	MAG100.1		± 6.4%
	PMM1008		± 6.7%
Voltage dips	TESEQ	100V/50Hz	Uvoltage = 2.0%
		120V/60Hz	Uvoltage = 3.1%
		230V/50Hz	Uvoltage = 1.7%
		240V/50Hz	Uvoltage = 2.1%

Test Items/Facilities	Frequency/Equipment/Unit	Uncertainty
Ring wave (TESEQ)	Impulse Out (12 Ohm Voltage peak and time measurement)	Uvoltage = ± 4.7% Utime = ± 10.0% Uvof = ± 6.6%
	Impulse Out (12 Ohm Voltage decay measurement)	Upk2 to pk1 = 0.73 Upk3 to pk2 = 0.51 Upk4 to pk3 = 0.51
	Impulse Out (12 Ohm Current peak and time measurement)	Ucurrent = ± 4.4% Utime = 0.76 us Uimpedance = ± 7.6%
	Impulse Out (30 Ohm Voltage peak and time measurement)	Uvoltage = ± 4.0% Utime = ± 6.0% Uvof = ± 6.4%
	Impulse Out (30 Ohm Voltage decay measurement)	Upk2 to pk1 = 0.74 Upk3 to pk2 = 0.51 Upk4 to pk3 = 0.50
	Impulse Out (30 Ohm Current peak and time measurement)	Ucurrent = ± 3.7% Utime = 0.63 us Uimpedance = ± 6.8%
C20 Immunity Test (TV)	Audio and antenna port injection immunity	±1.6dB
	Screening effectiveness	±2.7dB
DVB and SES Performance Test	Sensitivity Test	±1.1dB
	Adjacent Channel Selectivity Test	±1.1dB
	Blocking Test	±1.2dB
	Overloading Test	±1.1dB
	Adjacent Signal Selectivity(satellite) Test	±1.1dB
	Dynamic Rang Test	±1.1dB
DAB Performance Test (Broadcast Sound Receiver)	Radiated Test	±1.1dB
	Conducted Test	±1.1dB
	DAB Test	±1.5dB

18. Photographs

18.1.Conducted Disturbance Measurement

Front View of Conducted Measurement

Back View of Conducted Measurement

18.2.Radiated Disturbance Measurement

Front View of Radiated Measurement

Back View of Radiated Measurement

18.3. Harmonics Current Measurement

18.4.Voltage Fluctuation and Flicks Measurement

18.5.Electrostatic Discharge Immunity Test

- Air & Contact Discharge

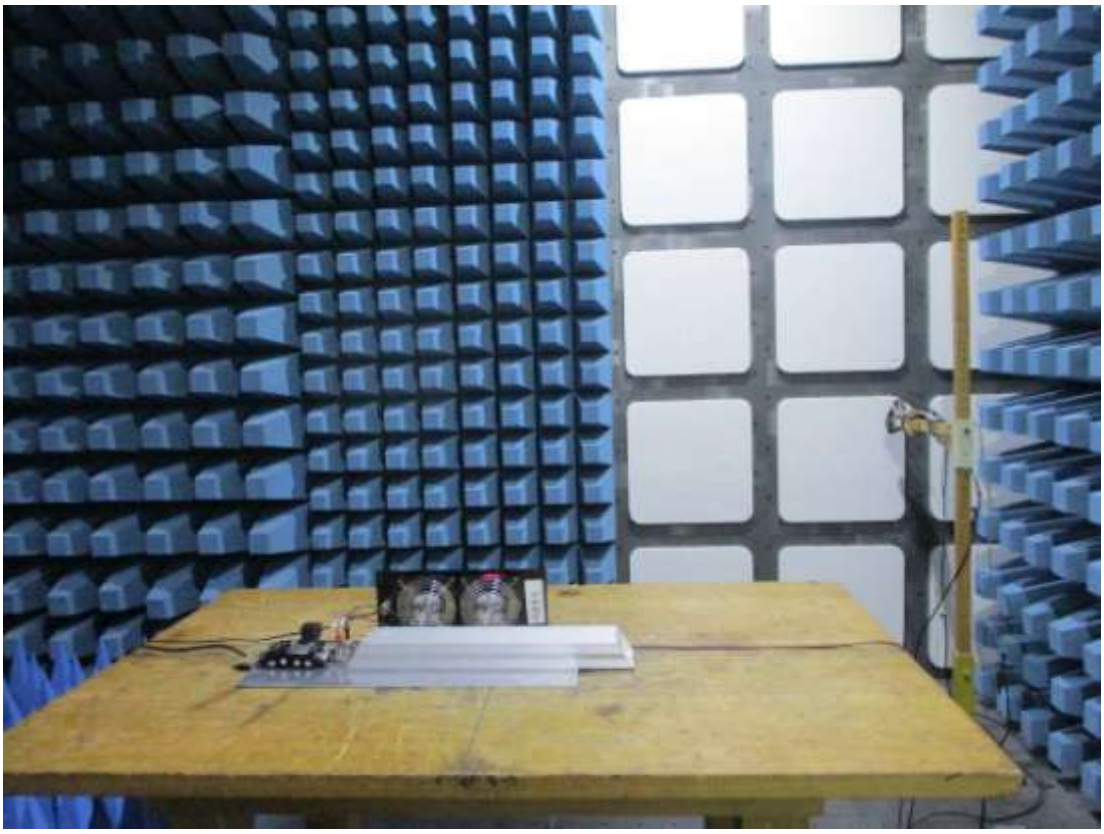
- HCP & VCP

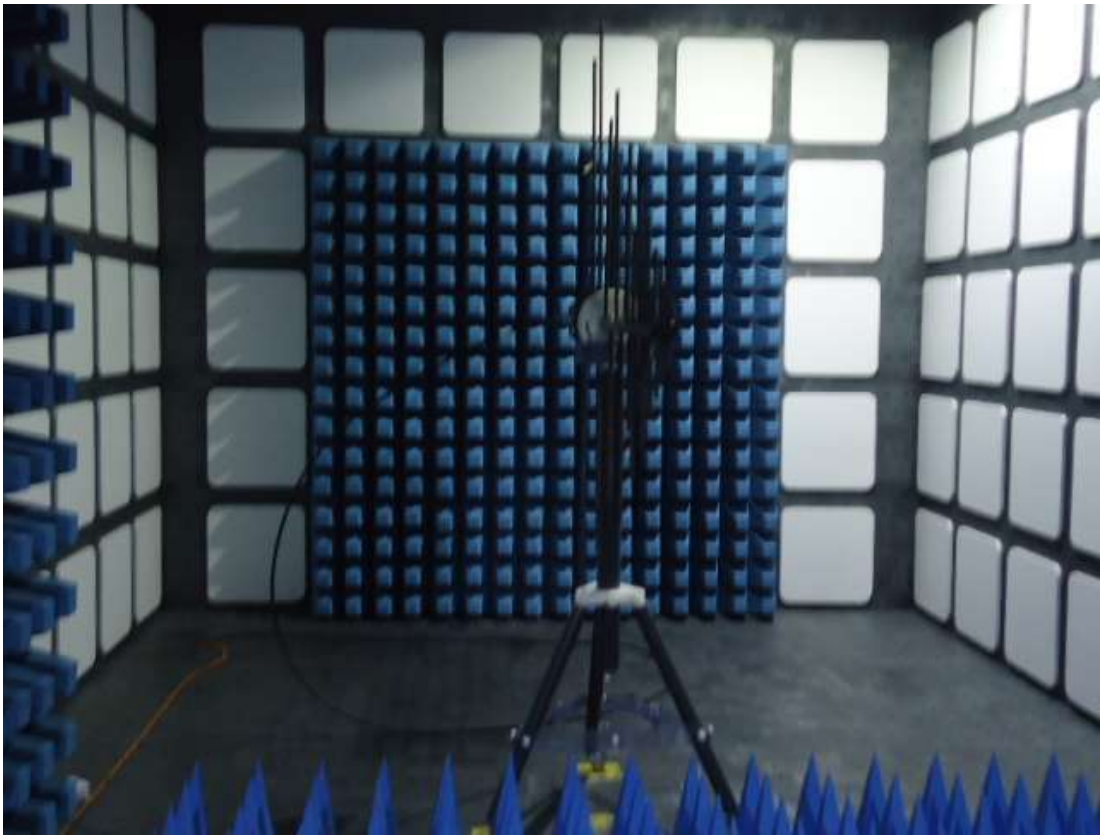
- ESD Test Points

- ESD Test Points

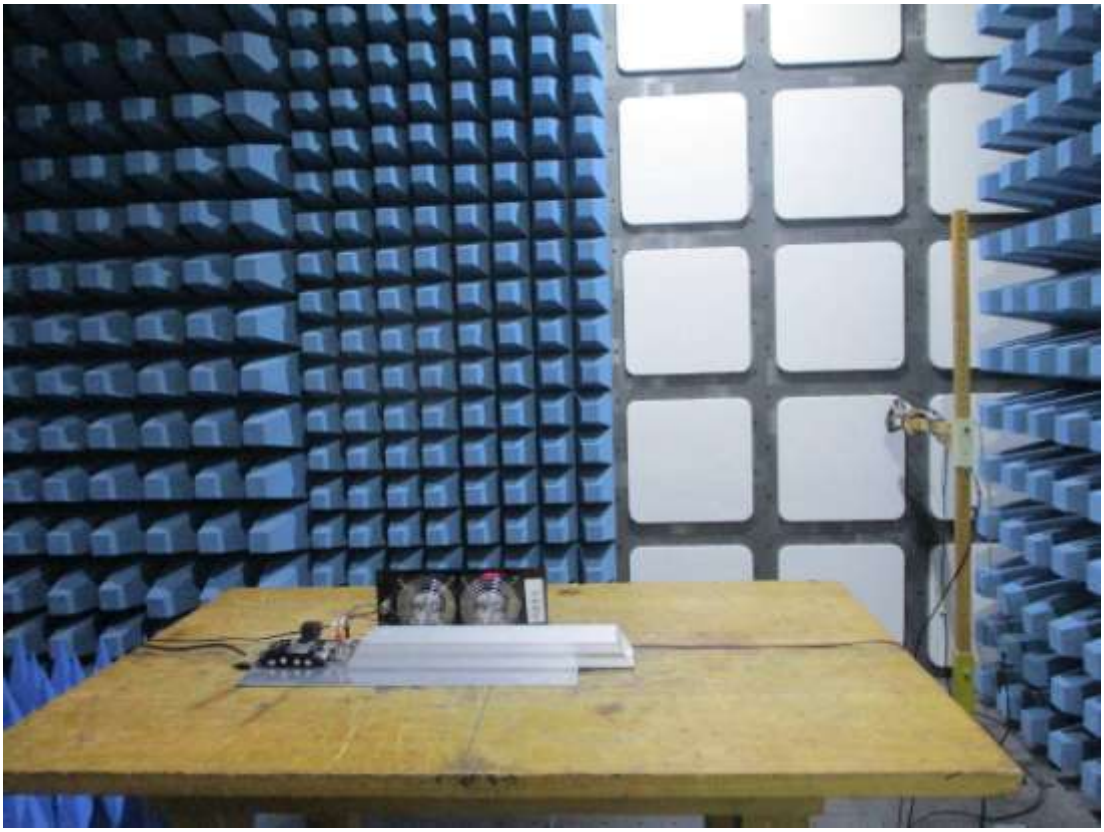
18.6. Radiated, Radio-Frequency, Electromagnetic Field Immunity Test

- Test Frequency Range: 80 - 1000MHz





- Test Frequency Range: Above 1GHz



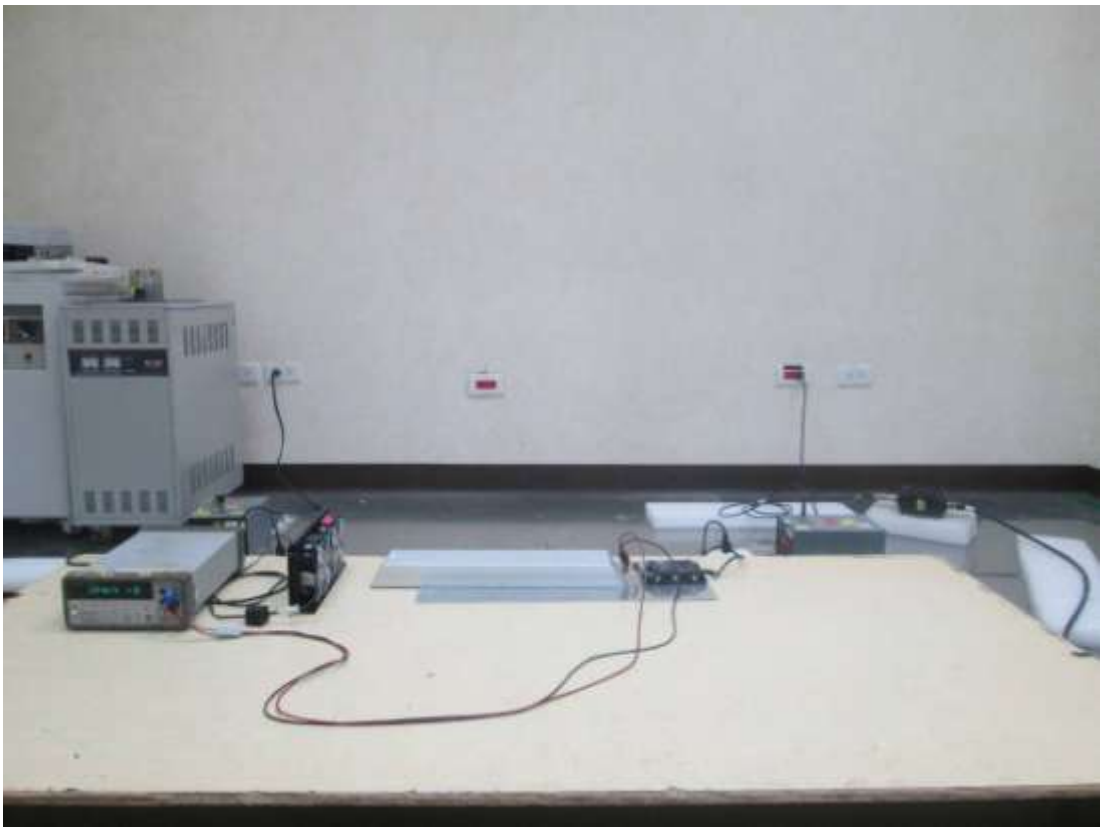
18.7.Electrical Fast Transient/Burst Immunity Test

- AC Power Port

18.8.Surge Immunity Test

18.9.Immunity to Conducted Disturbances Induced by RF Fields

- AC Power Port

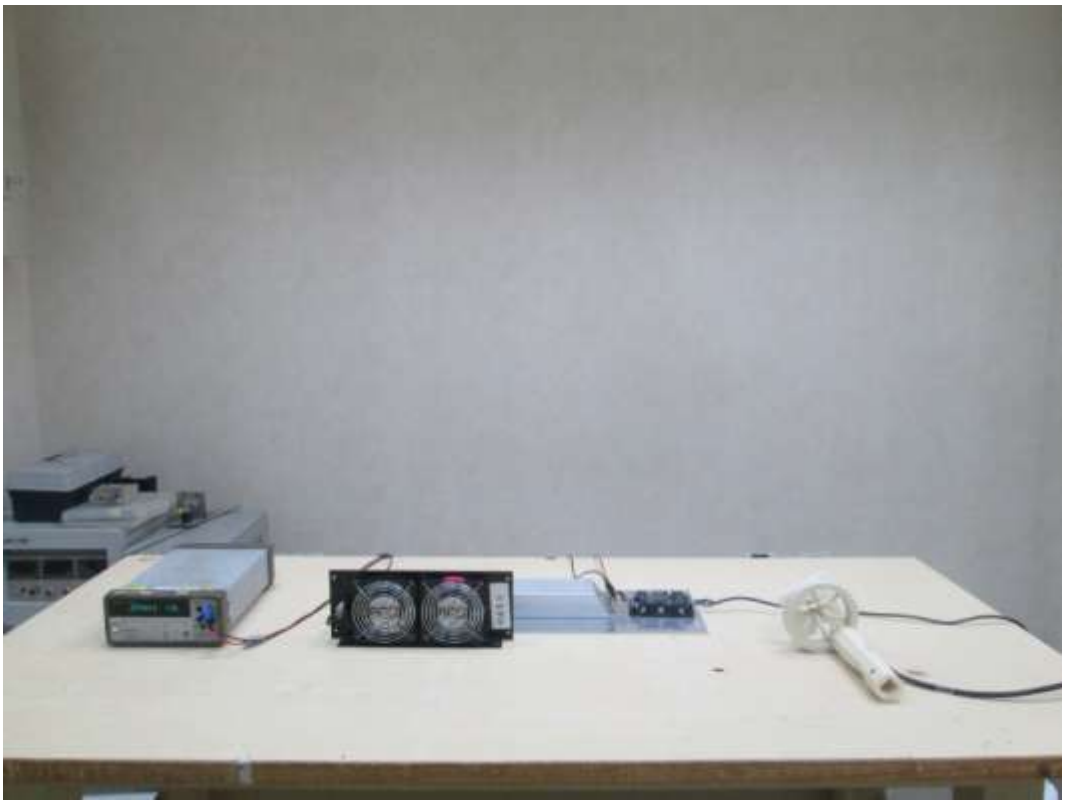


18.10.Power Frequency Magnetic Field Immunity Test

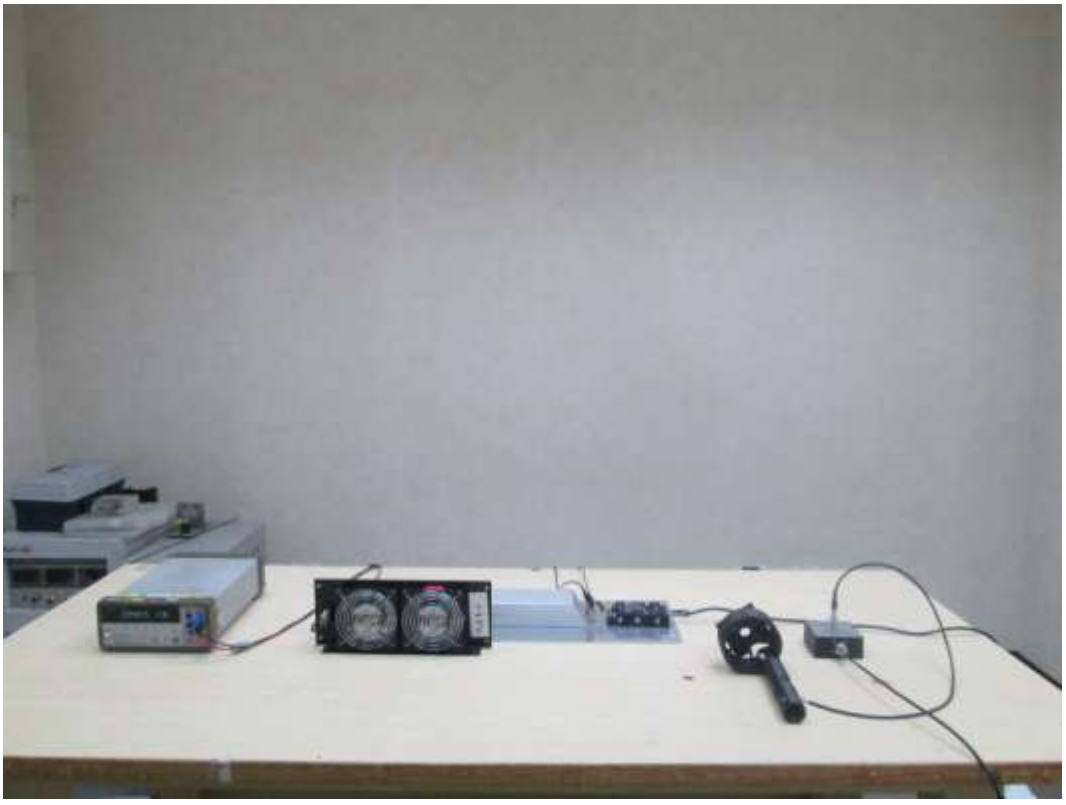
18.11.Voltage Dips and Interruptions Immunity Test

18.12.Proximity Magnetic Fields Immunity Test

- Test Frequency 30kHz and 134.2kHz



- Test Frequency 13.56MHz



APPENDIX I

(Photos of EUT)

Figure 1
General Appearance (Front & Side View)

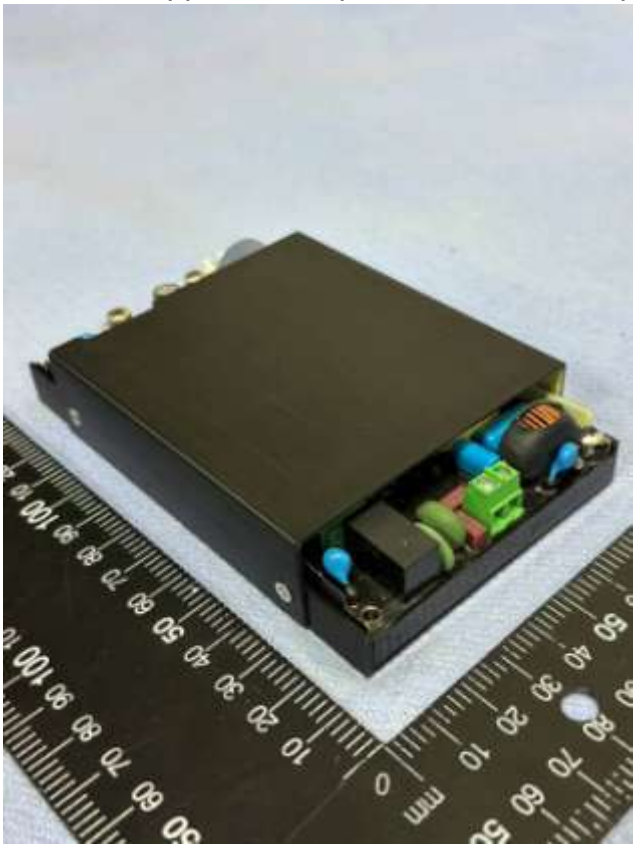
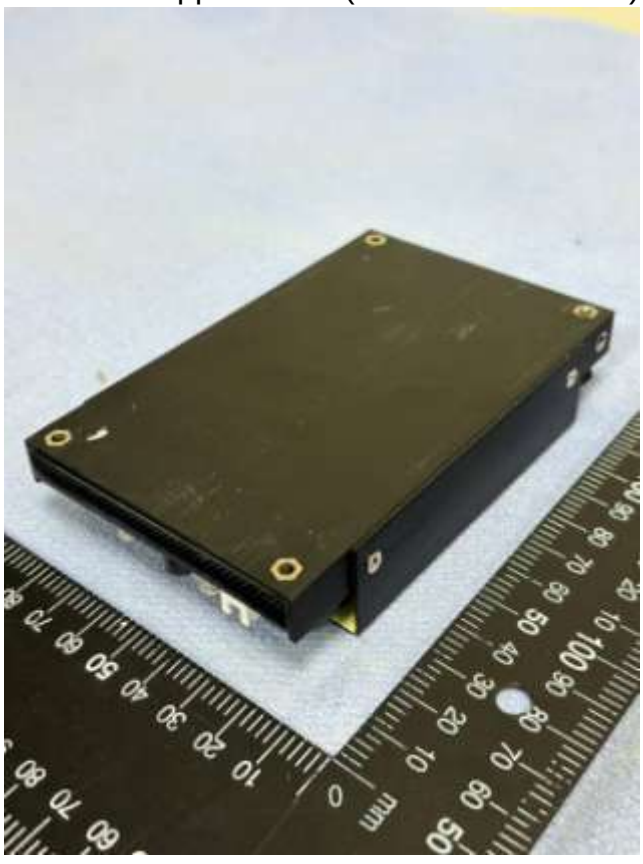


Figure 2
General Appearance (Back & Side View)



APPENDIX II

(Lab. Certificates)

財團法人全國認證基金會
Taiwan Accreditation Foundation

Certificate of Accreditation

(Certificate No：L1724-241206)

This is to certify that

Audix Technology Corporation

EMC Department

No. 491, Zhongfu Rd., Linkou Dist., New Taipei City 244, Taiwan (R.O.C.)

is accredited in respect of laboratory

Accreditation Criteria	：	ISO/IEC 17025:2017；CNS 17025:2018
Accreditation Number	：	1724
Originally Accredited	：	November 27, 2006
Effective Period	：	November 27, 2024 to November 26, 2027
Accredited Scope	：	Testing Field, see described in the Appendix
Specific Accreditation Program	：	Accreditation Program for Designated Testing Laboratory for Commodities Inspection Accreditation Program for Communication Equipment Laboratories Accreditation Program for BSMI Mutual Recognition Arrangment with Foreign Authorities

Scan to verify

Yi-Ling Chen

Yi-Ling Chen
President, Taiwan Accreditation Foundation
December 06, 2024

P1, total 30 pages

The Appendix forms an integral part of this Certificate, which shall be invalid when use without the Appendix

United States Department of Commerce
National Institute of Standards and Technology

Certificate of Accreditation to ISO/IEC 17025:2017

NVLAP LAB CODE: 200077-0

Audix Technology Corporation EMC Department
New Taipei City
Taiwan

is accredited by the National Voluntary Laboratory Accreditation Program for specific services, listed on the Scope of Accreditation, for:

Electromagnetic Compatibility & Telecommunications

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communique on ISO/IEC 17025).

2024-12-06 through 2025-12-31
Effective Dates

For the National Voluntary Laboratory Accreditation Program

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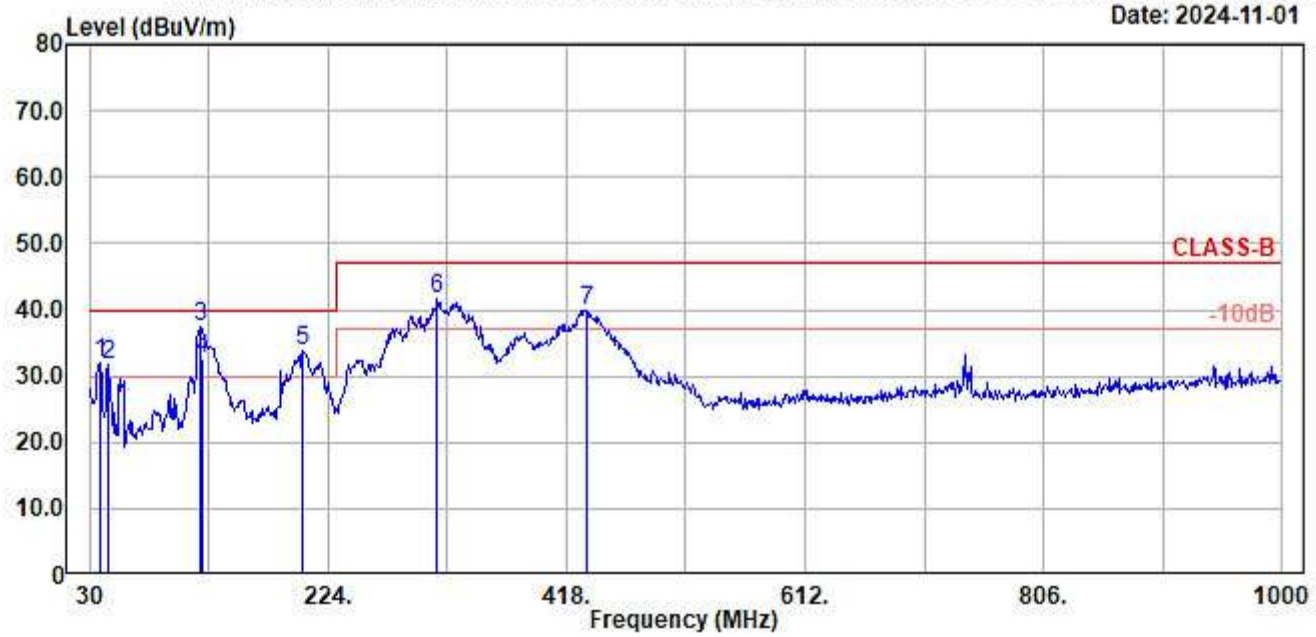

Site No. : No.2 3m Semi Anechoic Chamber
Instrument 1 : Spectrum N9010B(407)|Receiver ESCI(276)
Instrument 2 : CBL6112D (819)|RE-13|
Distance/Limit : 3m /CLASS-B
Environment : 25*C/52%
EUT Model : **CCR550PS12**
Test Mode : Mode 1

Data No. : 5
Ant. Pol. : Vertical
Test Rating : 240Vac/50Hz
Engineer : Jemy Wang

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Remark
1	37.760	19.63	0.76	11.69	32.08	40.00	7.92	Peak
2	44.550	16.03	0.83	14.95	31.81	40.00	8.19	Peak
3	120.210	17.59	1.46	18.46	37.51	40.00	2.49	Peak
4	121.210	17.53	1.47	13.69	32.69	40.00	7.31	QP
5	202.660	14.82	2.01	16.97	33.80	40.00	6.20	Peak
6	312.270	18.82	2.97	19.74	41.53	47.00	5.47	Peak
7	434.490	21.79	3.23	14.92	39.94	47.00	7.06	Peak

Remarks: 1. Emission Level(dBµV/m)= Antenna Factor(dB/m) + Cable Loss(dB) + Reading(dBµV).

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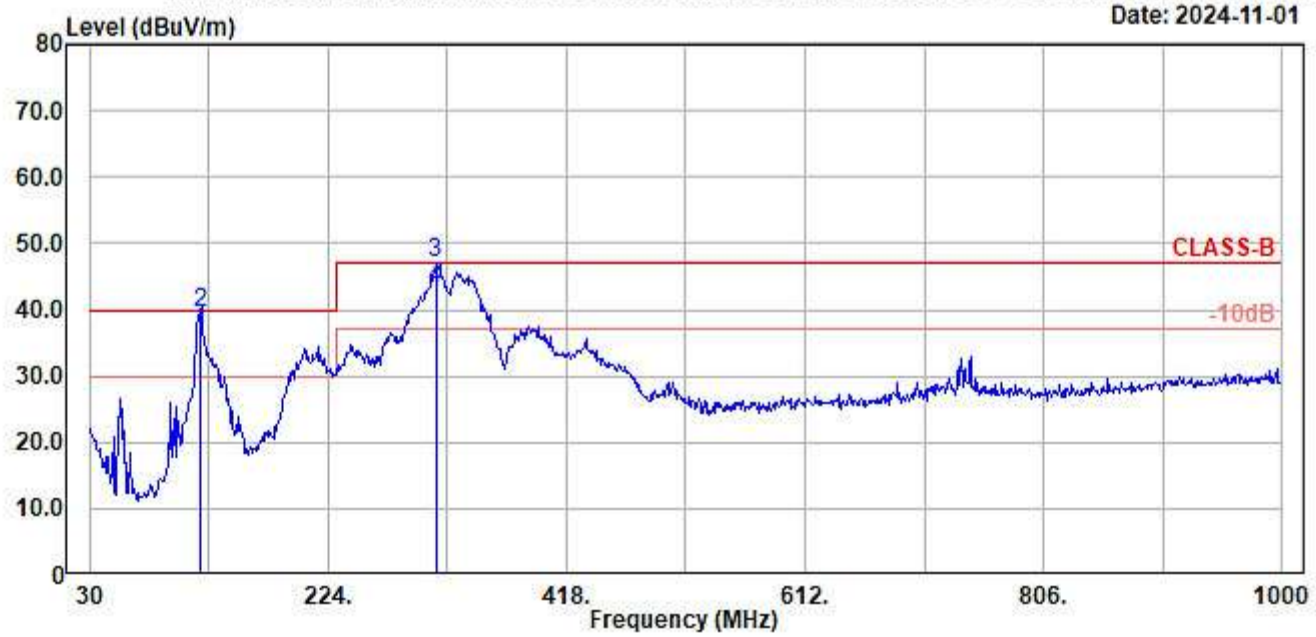

Site No. : No.2 3m Semi Anechoic Chamber
Instrument 1 : Spectrum N9010B(407)|Receiver ESCI(276)
Instrument 2 : CBL6112D (819)|RE-13|
Distance/Limit : 3m /CLASS-B
Environment : 25*C/52%
EUT Model : **CCR550PS12**
Test Mode : Mode 1

Data No. : 6
Ant. Pol. : Horizontal
Test Rating : 240Vac/50Hz
Engineer : Jemy Wang

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Remark
1	119.110	17.55	1.45	17.90	36.90	40.00	3.10	QP
2	119.240	17.55	1.45	20.67	39.67	40.00	0.33	Peak
3	311.300	18.78	2.96	25.45	47.19	47.00	-0.19	Peak
4	311.320	18.79	2.96	21.37	43.12	47.00	3.88	QP

Remarks: 1. Emission Level(dBµV/m)= Antenna Factor(dB/m) + Cable Loss(dB) + Reading(dBµV).

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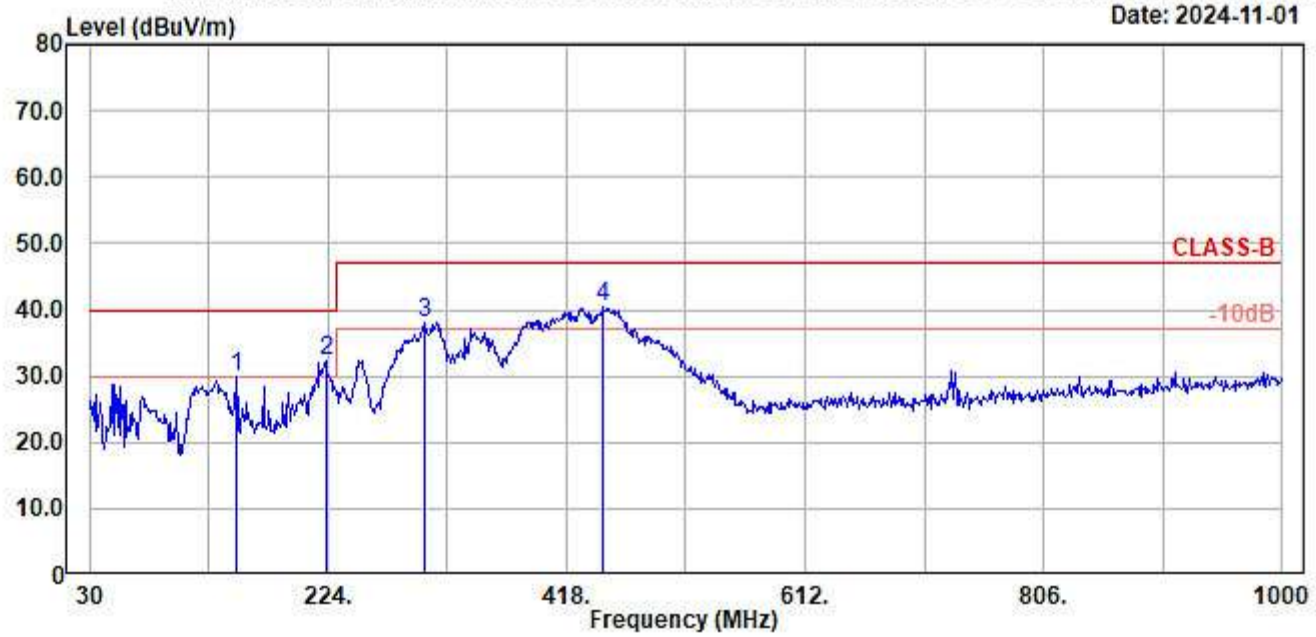

Site No. : No.2 3m Semi Anechoic Chamber
Data No. : 11
Instrument 1 : Spectrum N9010B(407)|Receiver ESCI(276)
Instrument 2 : CBL6112D (819)|RE-13|
Distance/Limit : 3m /CLASS-B
Ant. Pol. : Vertical
Environment : 25*C/52%
Test Rating : 240Vac/50Hz
EUT Model : **CCR550PS15**
Engineer : Jemy Wang
Test Mode : Mode 1

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Remark
1	149.310	16.11	1.66	12.12	29.89	40.00	10.11	Peak
2	222.060	16.10	2.18	13.90	32.18	40.00	7.82	Peak
3	301.600	18.48	2.95	16.56	37.99	47.00	9.01	Peak
4	448.070	21.98	3.29	15.04	40.31	47.00	6.69	Peak

Remarks: 1. Emission Level(dBµV/m)= Antenna Factor(dB/m) + Cable Loss(dB) + Reading(dBµV).

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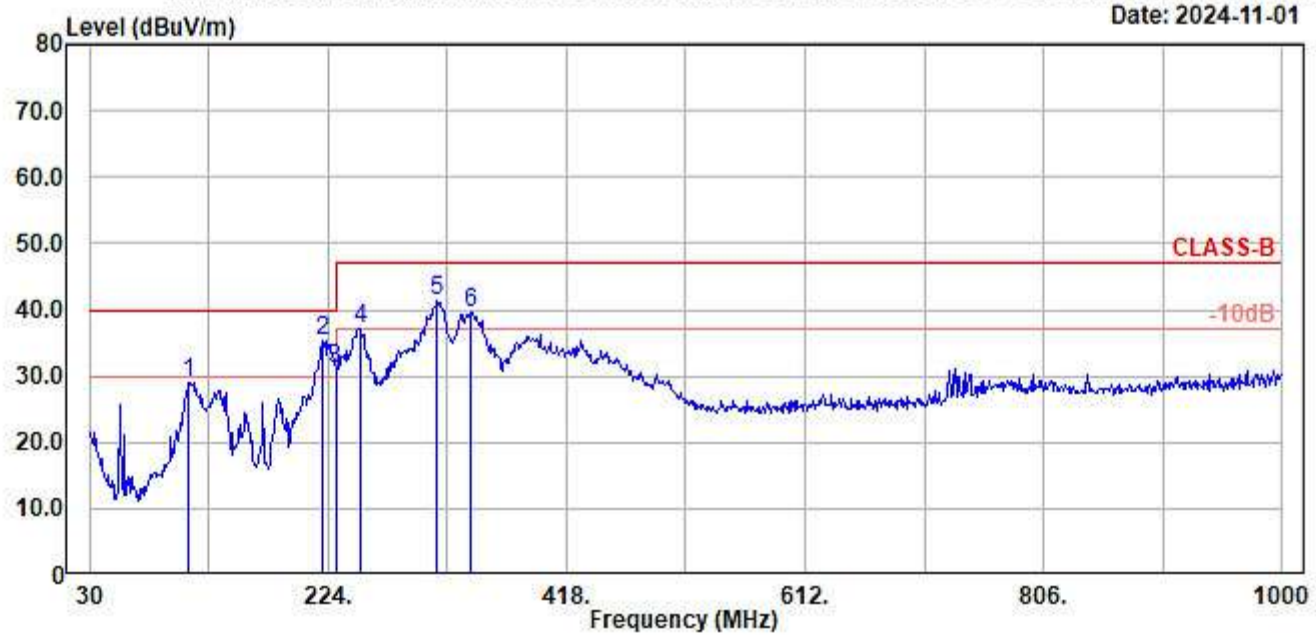

Site No. : No.2 3m Semi Anechoic Chamber
Instrument 1 : Spectrum N9010B(407)|Receiver ESCI(276)
Instrument 2 : CBL6112D (819)|RE-13|
Distance/Limit : 3m /CLASS-B
Environment : 25*C/52%
EUT Model : **CCR550PS15**
Test Mode : Mode 1

Data No. : 12
Ant. Pol. : Horizontal
Test Rating : 240Vac/50Hz
Engineer : Jemy Wang

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Remark
1	110.510	16.95	1.39	10.73	29.07	40.00	10.93	Peak
2	219.150	15.91	2.15	17.24	35.30	40.00	4.70	Peak
3	229.820	16.59	2.24	12.29	31.12	40.00	8.88	Peak
4	250.190	17.77	2.39	17.04	37.20	47.00	9.80	Peak
5	312.270	18.82	2.97	19.51	41.30	47.00	5.70	Peak
6	339.430	19.60	3.00	17.02	39.62	47.00	7.38	Peak

Remarks: 1. Emission Level(dBµV/m)= Antenna Factor(dB/m) + Cable Loss(dB) + Reading(dBµV).

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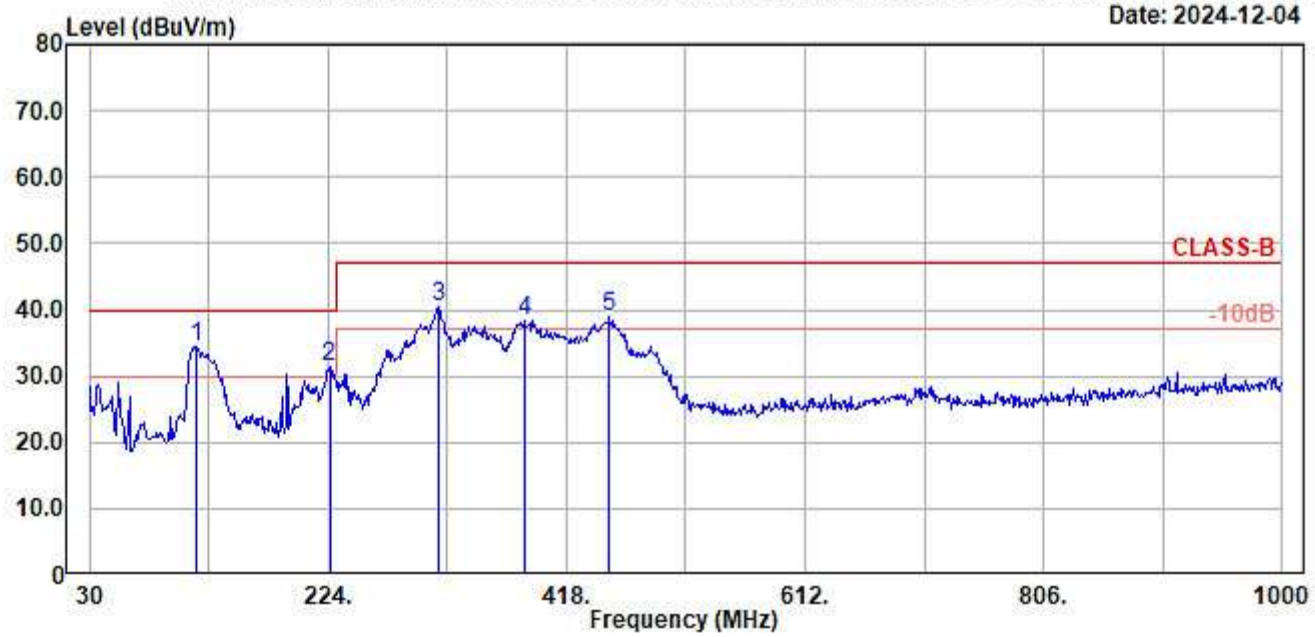

Site No. : No.2 3m Semi Anechoic Chamber
Instrument 1 : Spectrum N9010B(407)|Receiver ESCI(276)
Instrument 2 : CBL6112D (819)|RE-13|
Distance/Limit : 3m /CLASS-B
Environment : 25*C/52%
EUT Model : CCR550PS24
Test Mode : Mode 1

Data No. : 17
Ant. Pol. : Vertical
Test Rating : 240Vac/50Hz
Engineer : Jemy Wang

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Remark
1	116.330	17.36	1.43	15.68	34.47	40.00	5.53	Peak
2	224.970	16.30	2.20	12.89	31.39	40.00	8.61	Peak
3	314.210	18.88	2.97	18.75	40.60	47.00	6.40	Peak
4	383.080	20.80	3.04	14.62	38.46	47.00	8.54	Peak
5	452.920	22.05	3.32	13.54	38.91	47.00	8.09	Peak

Remarks: 1. Emission Level(dBµV/m)= Antenna Factor(dB/m) + Cable Loss(dB) + Reading(dBµV).

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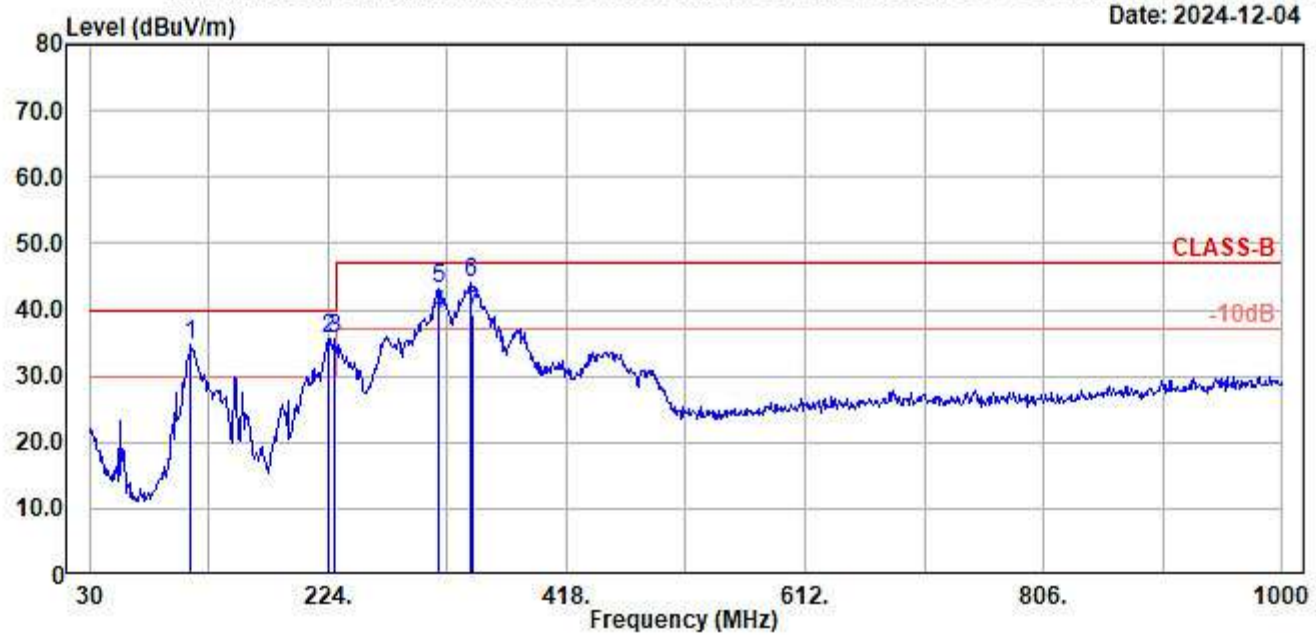

Site No. : No.2 3m Semi Anechoic Chamber
Instrument 1 : Spectrum N9010B(407)|Receiver ESCI(276)
Instrument 2 : CBL6112D (819)|RE-13|
Distance/Limit : 3m /CLASS-B
Environment : 25*C/52%
EUT Model : CCR550PS24
Test Mode : Mode 1

Data No. : 18
Ant. Pol. : Horizontal
Test Rating : 240Vac/50Hz
Engineer : Jemy Wang

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Remark
1	112.450	17.09	1.41	16.07	34.57	40.00	5.43	Peak
2	224.000	16.23	2.19	17.29	35.71	40.00	4.29	Peak
3	228.850	16.53	2.23	17.01	35.77	40.00	4.23	Peak
4	313.210	18.85	2.97	17.35	39.17	47.00	7.83	QP
5	314.210	18.88	2.97	21.46	43.31	47.00	3.69	Peak
6	340.400	19.63	3.00	21.42	44.05	47.00	2.95	Peak
7	341.280	19.66	3.00	16.49	39.15	47.00	7.85	QP

Remarks: 1. Emission Level(dBµV/m)= Antenna Factor(dB/m) + Cable Loss(dB) + Reading(dBµV).

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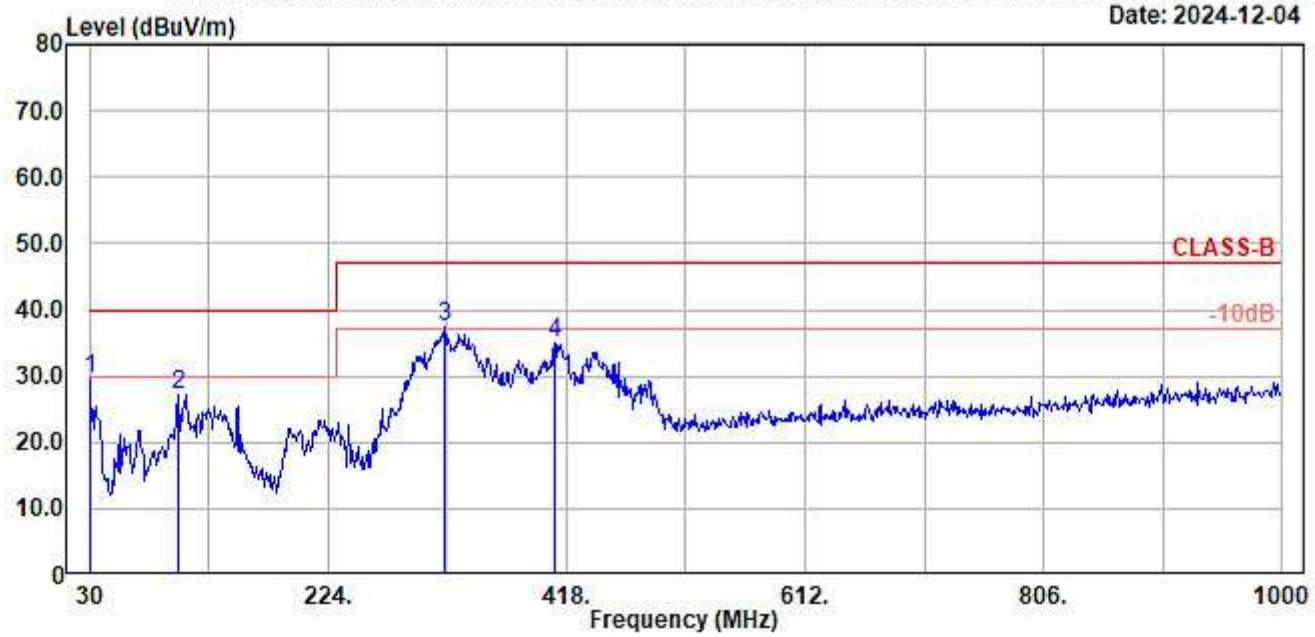

Site No. : No.2 3m Semi Anechoic Chamber
Instrument 1 : Spectrum N9010B(407)|Receiver ESCI(276)
Instrument 2 : CBL6112D (819)|RE-13|
Distance/Limit : 3m /CLASS-B
Environment : 25*C/52%
EUT Model : CCR550PS28
Test Mode : Mode 1

Data No. : 23
Ant. Pol. : Vertical
Test Rating : 240Vac/50Hz
Engineer : Jemy Wang

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Remark
1	30.000	23.54	0.66	5.49	29.69	40.00	10.31	Peak
2	101.780	16.27	1.32	9.56	27.15	40.00	12.85	Peak
3	318.090	18.99	2.97	15.43	37.39	47.00	9.61	Peak
4	408.300	21.36	3.10	10.56	35.02	47.00	11.98	Peak

Remarks: 1. Emission Level(dBµV/m)= Antenna Factor(dB/m) + Cable Loss(dB) + Reading(dBµV).

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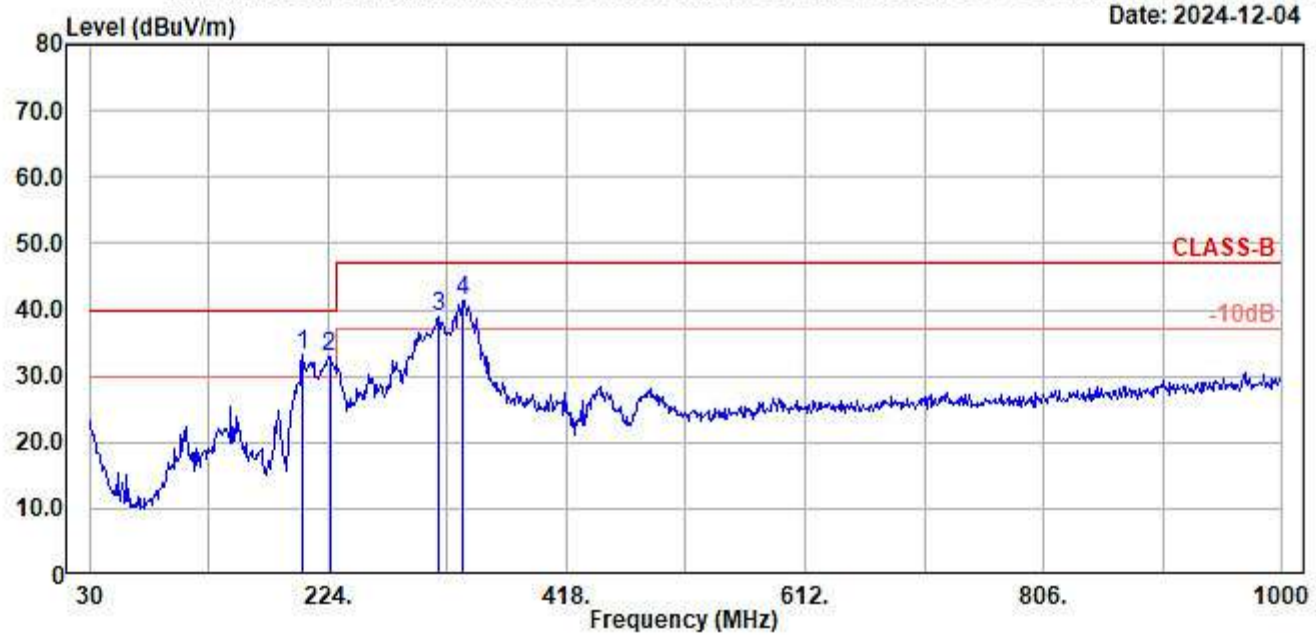

Site No. : No.2 3m Semi Anechoic Chamber
Instrument 1 : Spectrum N9010B(407)|Receiver ESCI(276)
Instrument 2 : CBL6112D (819)|RE-13|
Distance/Limit : 3m /CLASS-B
Environment : 25*C/52%
EUT Model : CCR550PS28
Test Mode : Mode 1

Data No. : 24
Ant. Pol. : Horizontal
Test Rating : 240Vac/50Hz
Engineer : Jemy Wang

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Remark
1	203.630	14.89	2.02	16.26	33.17	40.00	6.83	Peak
2	224.970	16.30	2.20	14.54	33.04	40.00	6.96	Peak
3	314.210	18.88	2.97	17.11	38.96	47.00	8.04	Peak
4	332.640	19.42	2.99	18.95	41.36	47.00	5.64	Peak

Remarks: 1. Emission Level(dBµV/m)= Antenna Factor(dB/m) + Cable Loss(dB) + Reading(dBµV).

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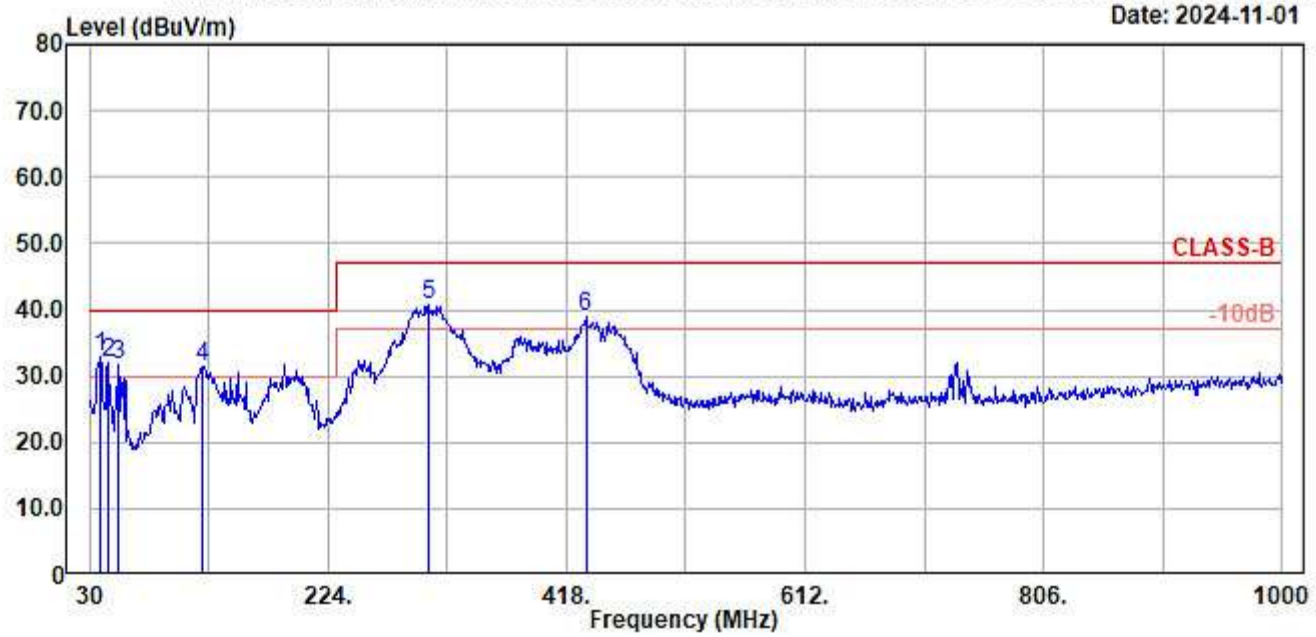

Site No. : No.2 3m Semi Anechoic Chamber
Instrument 1 : Spectrum N9010B(407)|Receiver ESCI(276)
Instrument 2 : CBL6112D (819)|RE-13|
Distance/Limit : 3m /CLASS-B
Environment : 25*C/52%
EUT Model : CCR550PS30
Test Mode : Mode 1

Data No. : 29
Ant. Pol. : Vertical
Test Rating : 240Vac/50Hz
Engineer : Jemy Wang

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Remark
1	38.730	19.02	0.77	12.99	32.78	40.00	7.22	Peak
2	44.550	16.03	0.83	15.07	31.93	40.00	8.07	Peak
3	53.280	13.06	0.91	17.65	31.62	40.00	8.38	Peak
4	122.150	17.50	1.47	12.45	31.42	40.00	8.58	Peak
5	305.480	18.59	2.96	19.19	40.74	47.00	6.26	Peak
6	433.520	21.77	3.23	13.99	38.99	47.00	8.01	Peak

Remarks: 1. Emission Level(dBµV/m)= Antenna Factor(dB/m) + Cable Loss(dB) + Reading(dBµV).

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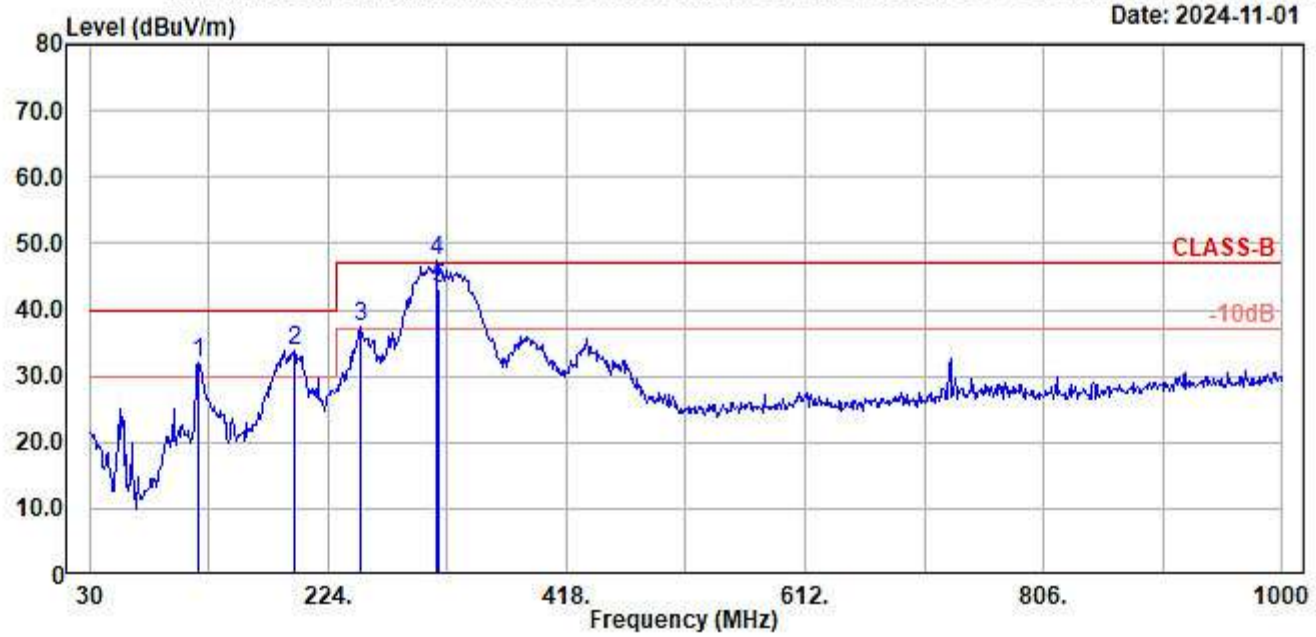

Site No. : No.2 3m Semi Anechoic Chamber
Instrument 1 : Spectrum N9010B(407)|Receiver ESCI(276)
Instrument 2 : CBL6112D (819)|RE-13|
Distance/Limit : 3m /CLASS-B
Environment : 25*C/52%
EUT Model : CCR550PS30
Test Mode : Mode 1

Data No. : 30
Ant. Pol. : Horizontal
Test Rating : 240Vac/50Hz
Engineer : Jemy Wang

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Remark
1	118.270	17.50	1.45	13.18	32.13	40.00	7.87	Peak
2	196.840	14.62	1.97	17.15	33.74	40.00	6.26	Peak
3	250.190	17.77	2.39	17.34	37.50	47.00	9.50	Peak
4	312.270	18.82	2.97	25.48	47.27	47.00	-0.27	Peak
5	313.170	18.85	2.97	21.31	43.13	47.00	3.87	QP

Remarks: 1. Emission Level(dBµV/m)= Antenna Factor(dB/m) + Cable Loss(dB) + Reading(dBµV).

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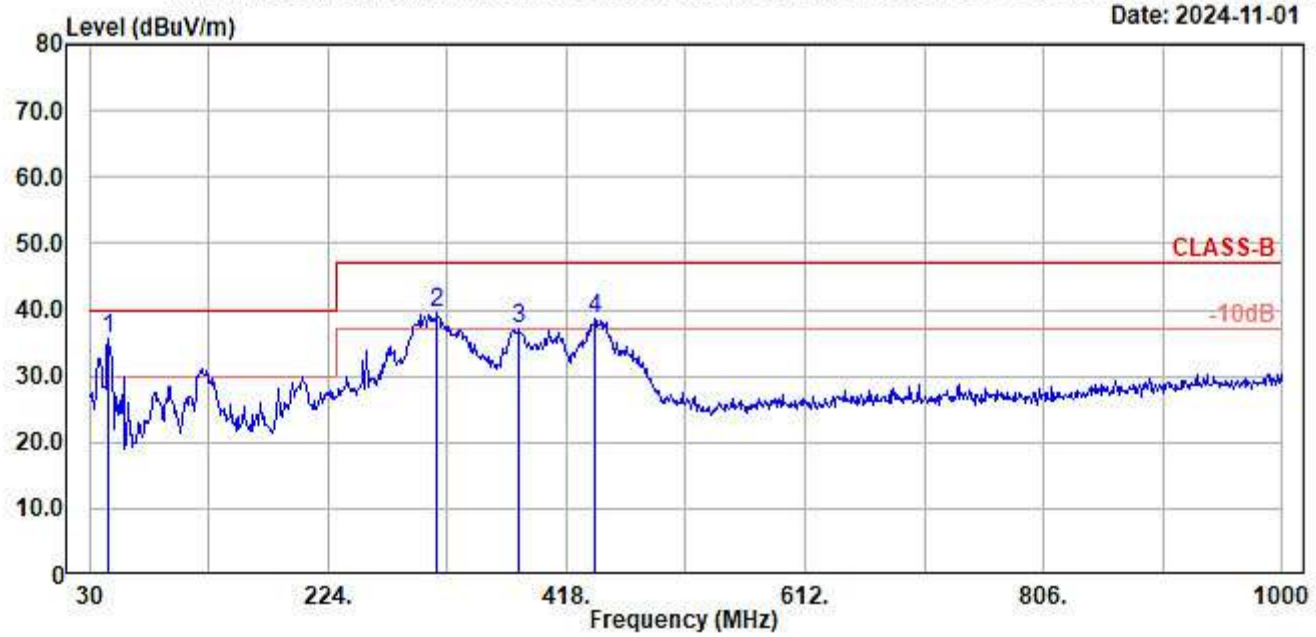

Site No. : No.2 3m Semi Anechoic Chamber
Instrument 1 : Spectrum N9010B(407)|Receiver ESCI(276)
Instrument 2 : CBL6112D (819)|RE-13|
Distance/Limit : 3m /CLASS-B
Environment : 25*C/52%
EUT Model : CCR550PS36
Test Mode : Mode 1

Data No. : 35
Ant. Pol. : Vertical
Test Rating : 240Vac/50Hz
Engineer : Jemy Wang

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Remark
1	45.520	15.59	0.84	19.11	35.54	40.00	4.46	Peak
2	312.270	18.82	2.97	17.88	39.67	47.00	7.33	Peak
3	379.200	20.69	3.04	13.35	37.08	47.00	9.92	Peak
4	441.280	21.89	3.26	13.59	38.74	47.00	8.26	Peak

Remarks: 1. Emission Level(dBµV/m)= Antenna Factor(dB/m) + Cable Loss(dB) + Reading(dBµV).

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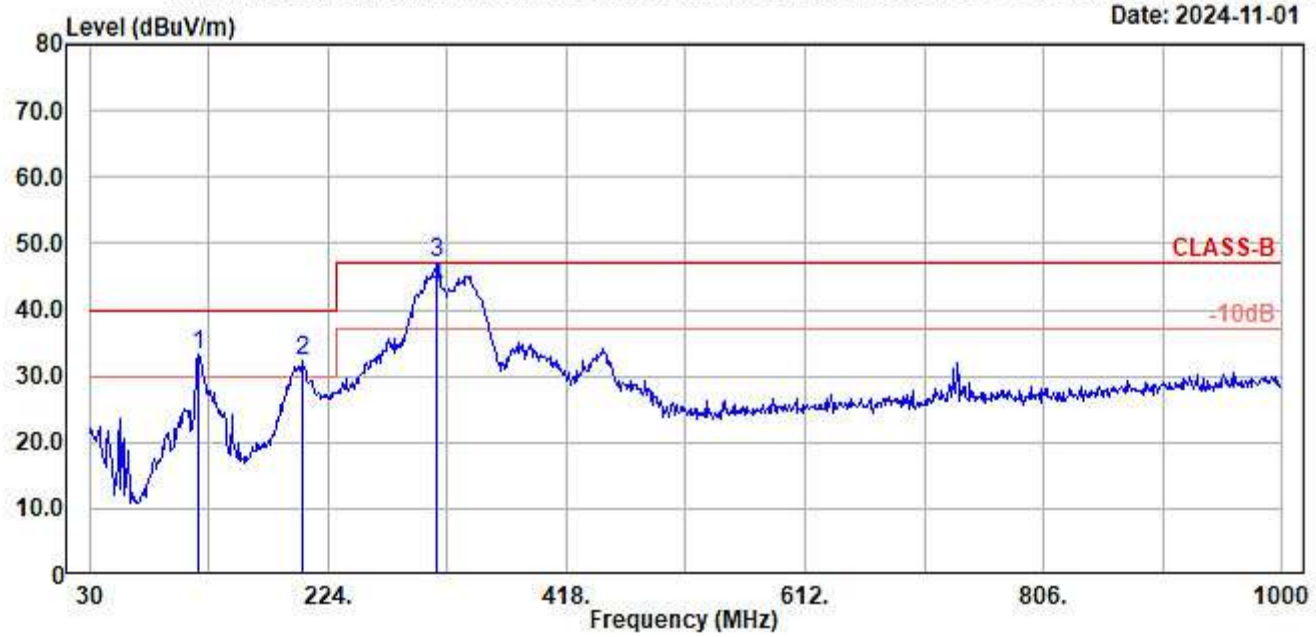

Site No. : No.2 3m Semi Anechoic Chamber
Instrument 1 : Spectrum N9010B(407)|Receiver ESCI(276)
Instrument 2 : CBL6112D (819)|RE-13|
Distance/Limit : 3m /CLASS-B
Environment : 25*C/52%
EUT Model : CCR550PS36
Test Mode : Mode 1

Data No. : 36
Ant. Pol. : Horizontal
Test Rating : 240Vac/50Hz
Engineer : Jemy Wang

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Remark
1	118.270	17.50	1.45	14.31	33.26	40.00	6.74	Peak
2	202.660	14.82	2.01	15.42	32.25	40.00	7.75	Peak
3	312.270	18.82	2.97	25.29	47.08	47.00	-0.08	Peak
4	312.750	18.83	2.97	21.30	43.10	47.00	3.90	QP

Remarks: 1. Emission Level(dBµV/m)= Antenna Factor(dB/m) + Cable Loss(dB) + Reading(dBµV).

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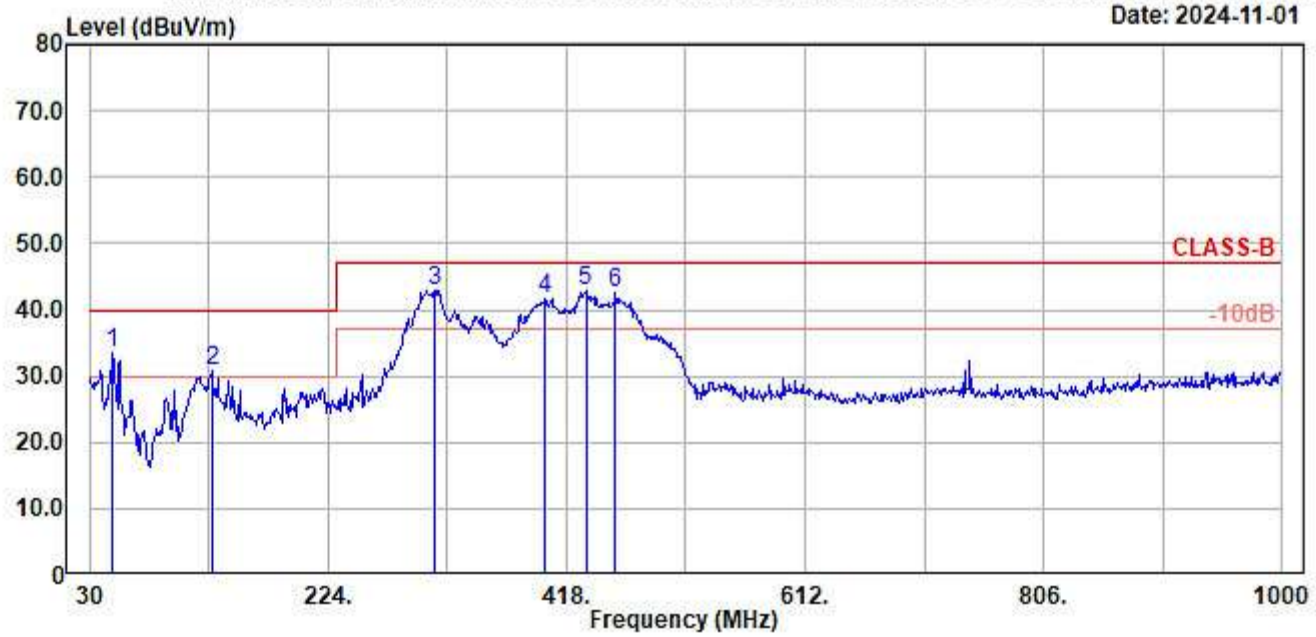

Site No. : No.2 3m Semi Anechoic Chamber
Instrument 1 : Spectrum N9010B(407)|Receiver ESCI(276)
Instrument 2 : CBL6112D (819)|RE-13|
Distance/Limit : 3m /CLASS-B
Environment : 25*C/52%
EUT Model : CCR550PS48
Test Mode : Mode 1

Data No. : 41
Ant. Pol. : Vertical
Test Rating : 240Vac/50Hz
Engineer : Jemy Wang

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Remark
1	48.430	14.44	0.86	18.12	33.42	40.00	6.58	Peak
2	128.940	17.20	1.52	12.19	30.91	40.00	9.09	Peak
3	310.330	18.75	2.96	21.28	42.99	47.00	4.01	Peak
4	400.540	21.23	3.06	17.44	41.73	47.00	5.27	Peak
5	433.520	21.77	3.23	17.81	42.81	47.00	4.19	Peak
6	457.770	22.14	3.34	17.11	42.59	47.00	4.41	Peak

Remarks: 1. Emission Level(dBµV/m)= Antenna Factor(dB/m) + Cable Loss(dB) + Reading(dBµV).

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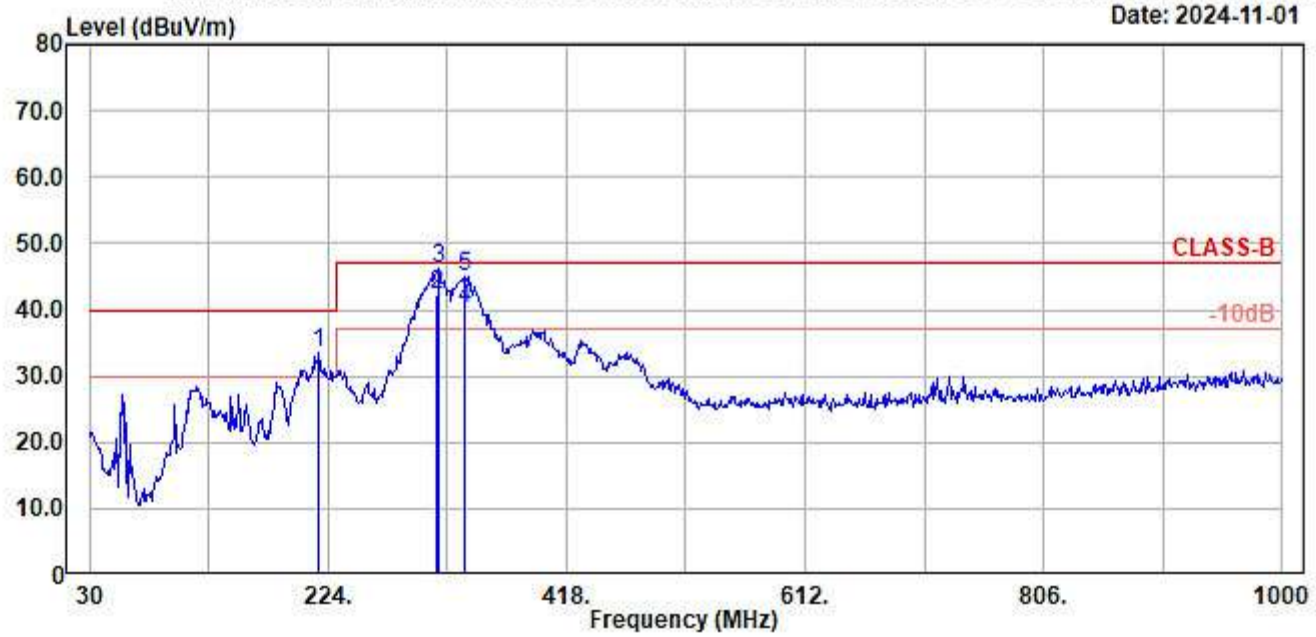

Site No. : No.2 3m Semi Anechoic Chamber
Instrument 1 : Spectrum N9010B(407)|Receiver ESCI(276)
Instrument 2 : CBL6112D (819)|RE-13|
Distance/Limit : 3m /CLASS-B
Environment : 25*C/52%
EUT Model : CCR550PS48
Test Mode : Mode 1

Data No. : 42
Ant. Pol. : Horizontal
Test Rating : 240Vac/50Hz
Engineer : Jemy Wang

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Remark
1	216.240	15.74	2.13	15.62	33.49	40.00	6.51	Peak
2	312.390	18.82	2.97	20.34	42.13	47.00	4.87	QP
3	313.240	18.85	2.97	24.31	46.13	47.00	0.87	Peak
4	334.510	19.47	2.99	17.81	40.27	47.00	6.73	QP
5	335.550	19.50	2.99	22.44	44.93	47.00	2.07	Peak

Remarks: 1. Emission Level(dBµV/m)= Antenna Factor(dB/m) + Cable Loss(dB) + Reading(dBµV).

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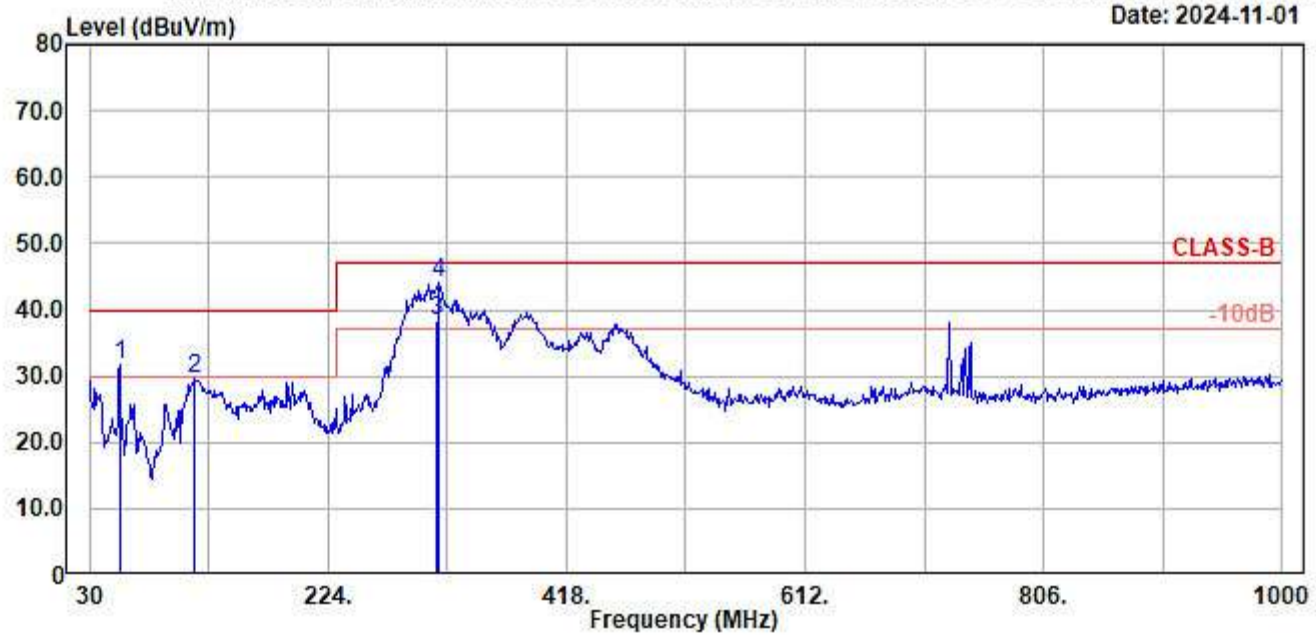

Site No. : No.2 3m Semi Anechoic Chamber
Data No. : 47
Instrument 1 : Spectrum N9010B(407)|Receiver ESCI(276)
Instrument 2 : CBL6112D (819)|RE-13|
Distance/Limit : 3m /CLASS-B
Ant. Pol. : Vertical
Environment : 25*C/52%
Test Rating : 240Vac/50Hz
EUT Model : CCR550PS54
Engineer : Jemy Wang
Test Mode : Mode 1

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Remark
1	54.250	12.82	0.92	17.96	31.70	40.00	8.30	Peak
2	114.390	17.22	1.42	10.92	29.56	40.00	10.44	Peak
3	312.120	18.81	2.97	16.69	38.47	47.00	8.53	QP
4	313.240	18.85	2.97	22.12	43.94	47.00	3.06	Peak

Remarks: 1. Emission Level(dBµV/m)= Antenna Factor(dB/m) + Cable Loss(dB) + Reading(dBµV).

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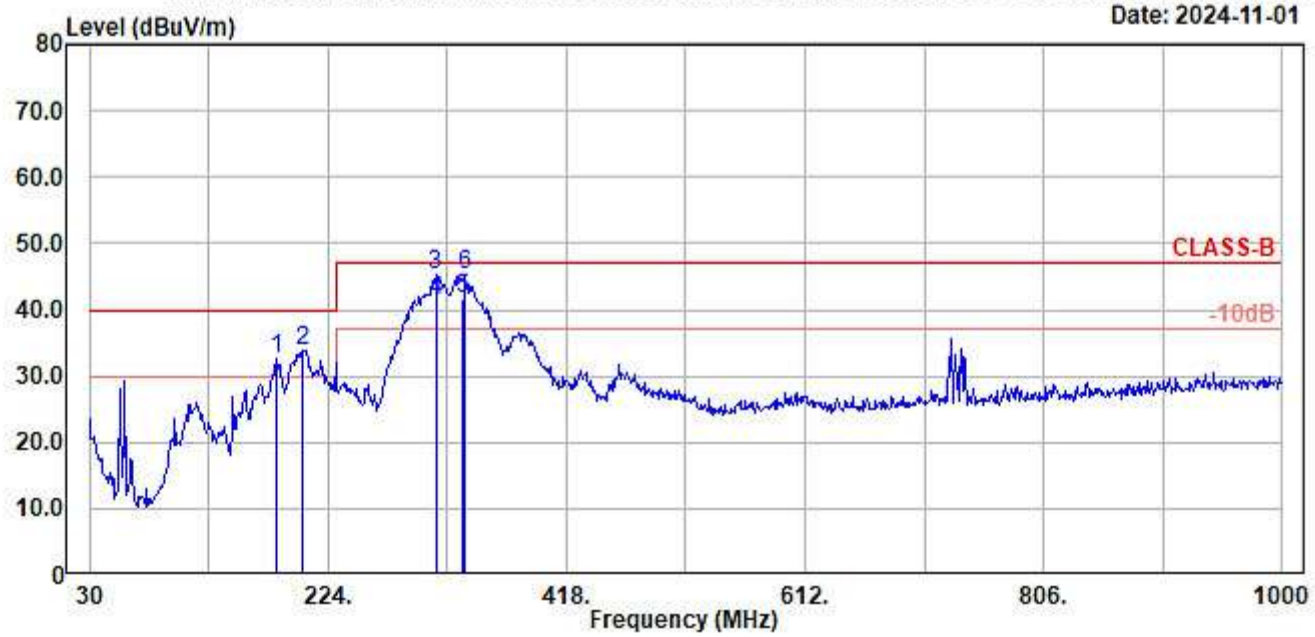

Site No. : No.2 3m Semi Anechoic Chamber
Instrument 1 : Spectrum N9010B(407)|Receiver ESCI(276)
Instrument 2 : CBL6112D (819)|RE-13|
Distance/Limit : 3m /CLASS-B
Environment : 25*C/52%
EUT Model : CCR550PS54
Test Mode : Mode 1

Data No. : 48
Ant. Pol. : Horizontal
Test Rating : 240Vac/50Hz
Engineer : Jemy Wang

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Remark
1	182.290	14.51	1.87	16.15	32.53	40.00	7.47	Peak
2	203.630	14.89	2.02	17.04	33.95	40.00	6.05	Peak
3	311.300	18.78	2.96	23.56	45.30	47.00	1.70	Peak
4	312.650	18.83	2.97	19.64	41.44	47.00	5.56	QP
5	333.640	19.44	2.99	19.13	41.56	47.00	5.44	QP
6	334.580	19.47	2.99	22.76	45.22	47.00	1.78	Peak

Remarks: 1. Emission Level(dBµV/m)= Antenna Factor(dB/m) + Cable Loss(dB) + Reading(dBµV).

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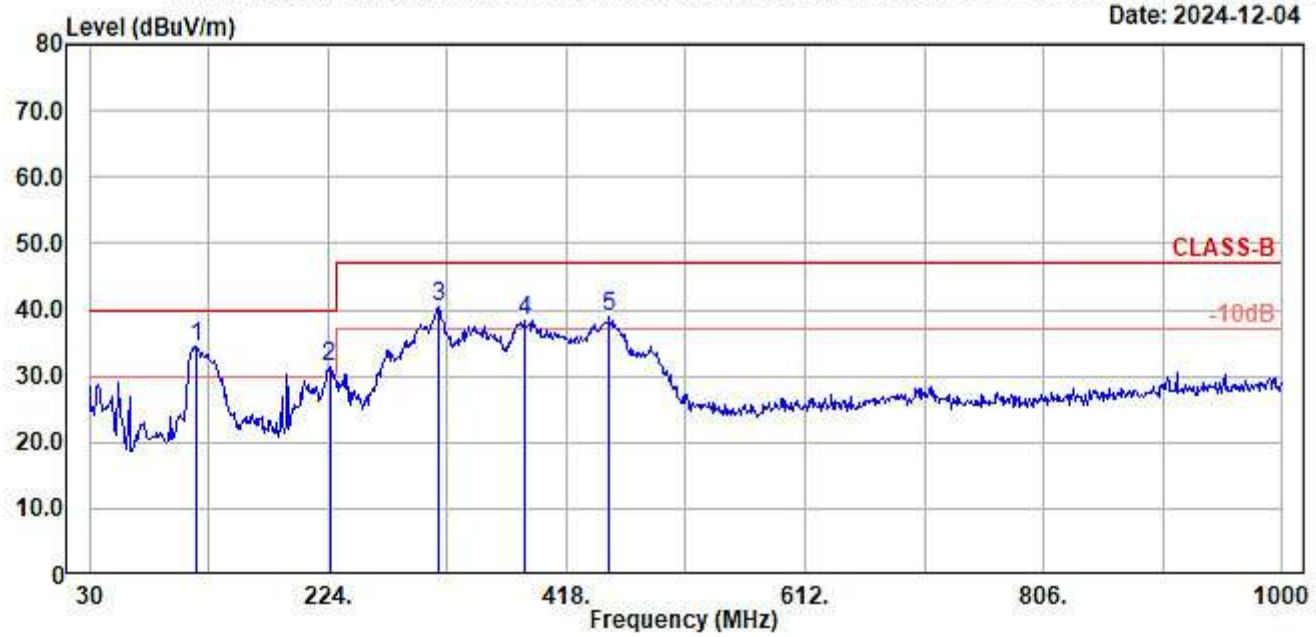

Site No. : No.2 3m Semi Anechoic Chamber
Instrument 1 : Spectrum N9010B(407)|Receiver ESCI(276)
Instrument 2 : CBL6112D (819)|RE-13|
Distance/Limit : 3m /CLASS-B
Environment : 24*C/58%
EUT Model : CCR550PS24
Test Mode : Mode 1
Class II

Data No. : 59
Ant. Pol. : Vertical
Test Rating : 240Vac/50Hz
Engineer : Jemy Wang

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Remark
1	116.330	17.36	1.43	15.68	34.47	40.00	5.53	Peak
2	224.970	16.30	2.20	12.89	31.39	40.00	8.61	Peak
3	314.210	18.88	2.97	18.75	40.60	47.00	6.40	Peak
4	383.080	20.80	3.04	14.62	38.46	47.00	8.54	Peak
5	452.920	22.05	3.32	13.54	38.91	47.00	8.09	Peak

Remarks: 1. Emission Level(dBµV/m)= Antenna Factor(dB/m) + Cable Loss(dB) + Reading(dBµV).

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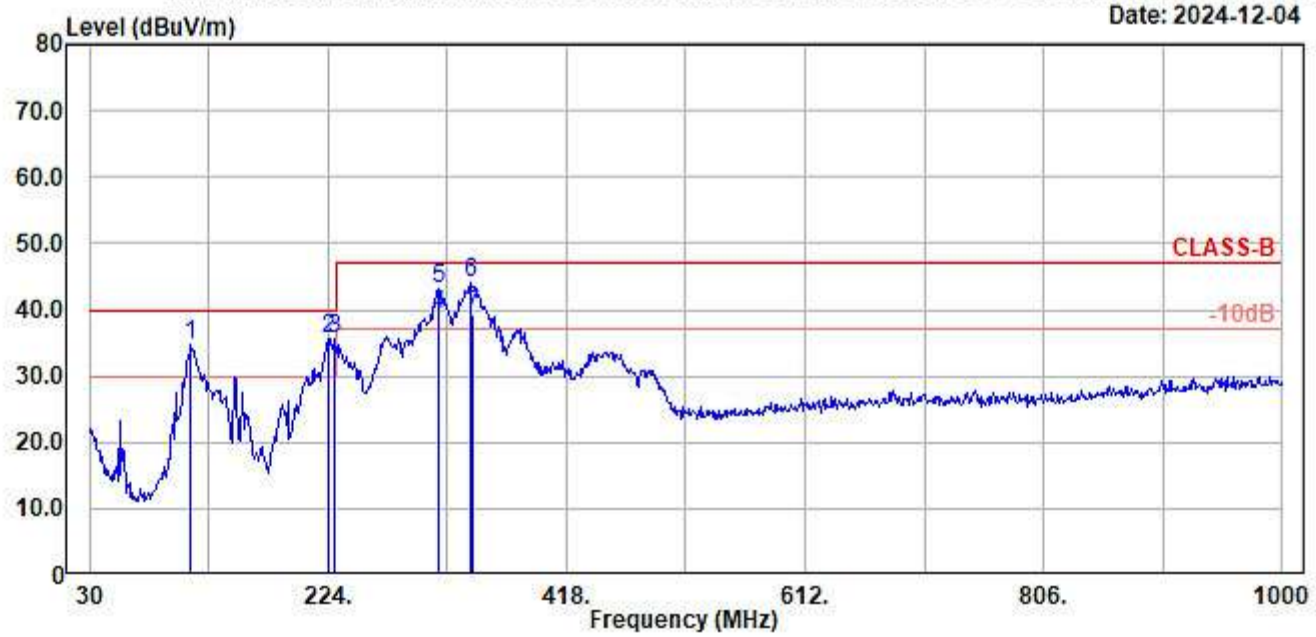

Site No. : No.2 3m Semi Anechoic Chamber
Instrument 1 : Spectrum N9010B(407)|Receiver ESCI(276)
Instrument 2 : CBL6112D (819)|RE-13|
Distance/Limit : 3m /CLASS-B
Environment : 24*C/58%
EUT Model : CCR550PS24
Test Mode : Mode 1
Class II

Data No. : 60
Ant. Pol. : Horizontal
Test Rating : 240Vac/50Hz
Engineer : Jemy Wang

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Remark
1	112.450	17.09	1.41	16.07	34.57	40.00	5.43	Peak
2	224.000	16.23	2.19	17.29	35.71	40.00	4.29	Peak
3	228.850	16.53	2.23	17.01	35.77	40.00	4.23	Peak
4	313.210	18.85	2.97	17.35	39.17	47.00	7.83	QP
5	314.210	18.88	2.97	21.46	43.31	47.00	3.69	Peak
6	340.400	19.63	3.00	21.42	44.05	47.00	2.95	Peak
7	341.280	19.66	3.00	16.49	39.15	47.00	7.85	QP

Remarks: 1. Emission Level(dBµV/m)= Antenna Factor(dB/m) + Cable Loss(dB) + Reading(dBµV).

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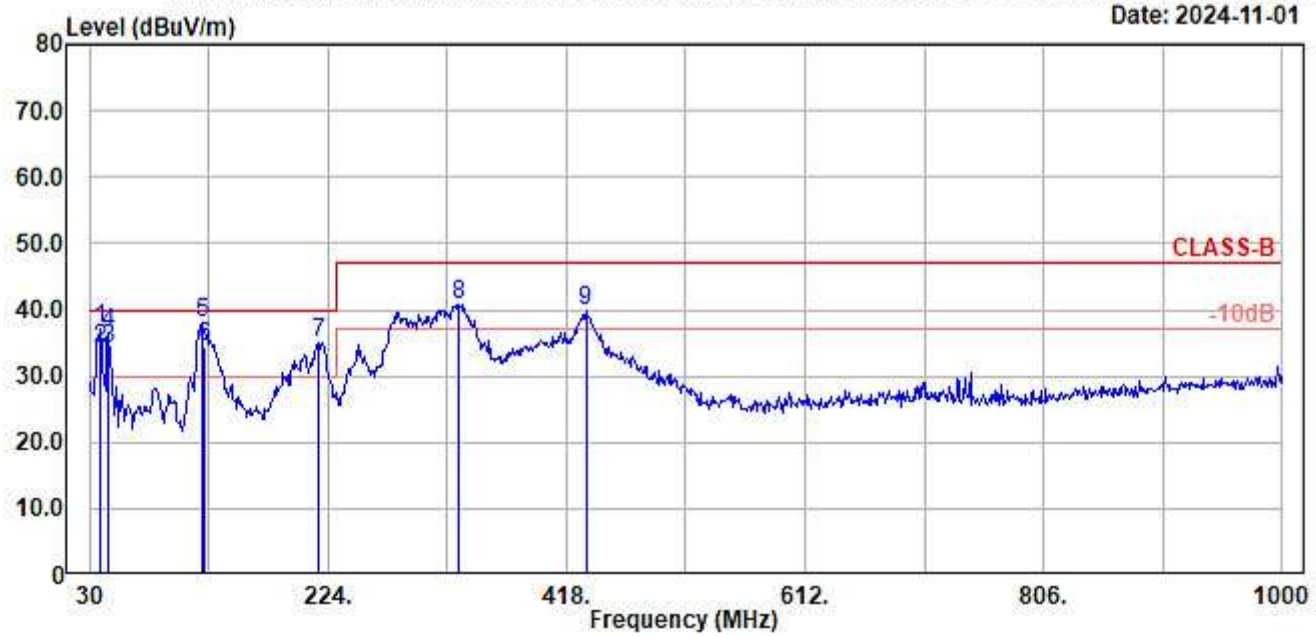

Site No. : No.2 3m Semi Anechoic Chamber
Instrument 1 : Spectrum N9010B(407)|Receiver ESCI(276)
Instrument 2 : CBL6112D (819)|RE-13|
Distance/Limit : 3m /CLASS-B
Environment : 25*C/52%
EUT Model : CCR550PS12
Test Mode : Mode 1

Data No. : 3
Ant. Pol. : Vertical
Test Rating : 100Vac/50Hz
Engineer : Jemy Wang

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Remark
1	37.760	19.63	0.76	16.71	37.10	40.00	2.90	Peak
2	38.940	18.89	0.77	14.40	34.06	40.00	5.94	QP
3	45.150	15.74	0.83	17.40	33.97	40.00	6.03	QP
4	45.520	15.59	0.84	20.14	36.57	40.00	3.43	Peak
5	121.180	17.53	1.47	18.97	37.97	40.00	2.03	Peak
6	122.350	17.50	1.48	15.56	34.54	40.00	5.46	QP
7	215.270	15.69	2.12	17.33	35.14	40.00	4.86	Peak
8	329.730	19.34	2.99	18.40	40.73	47.00	6.27	Peak
9	433.520	21.77	3.23	14.99	39.99	47.00	7.01	Peak

Remarks: 1. Emission Level(dBµV/m)= Antenna Factor(dB/m) + Cable Loss(dB) + Reading(dBµV).

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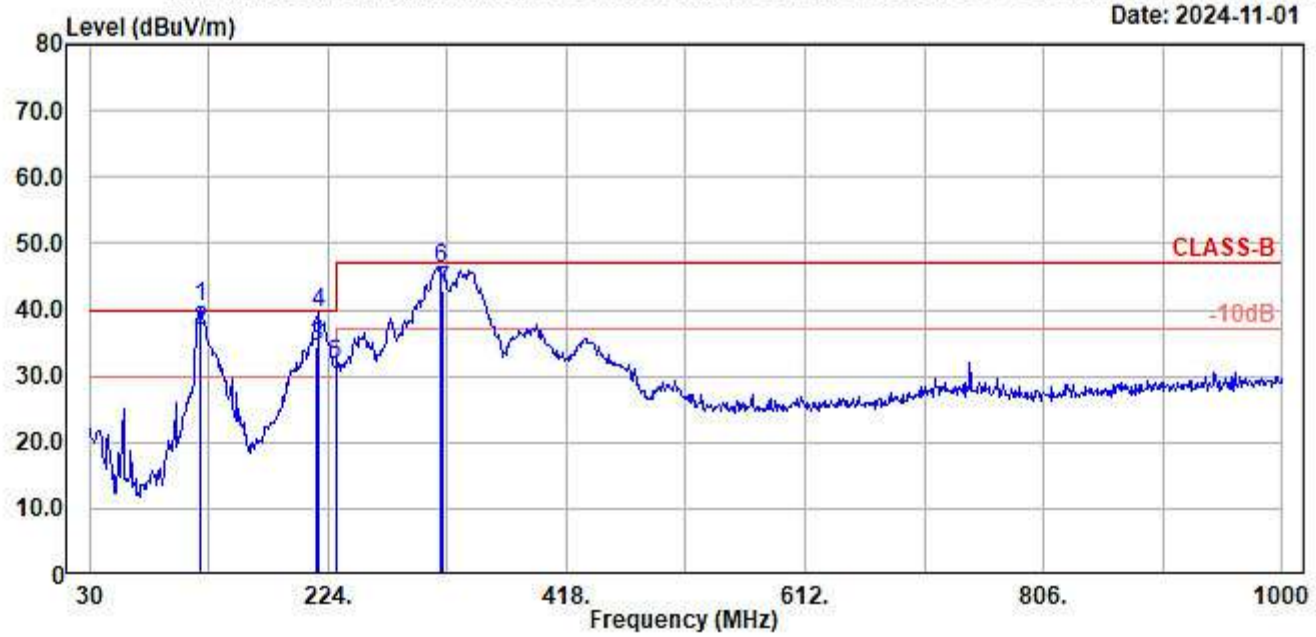

Site No. : No.2 3m Semi Anechoic Chamber
Data No. : 4
Instrument 1 : Spectrum N9010B(407)|Receiver ESCI(276)
Instrument 2 : CBL6112D (819)|RE-13|
Distance/Limit : 3m /CLASS-B
Ant. Pol. : Horizontal
Environment : 25*C/52%
Test Rating : 100Vac/50Hz
EUT Model : CCR550PS12
Engineer : Jemy Wang
Test Mode : Mode 1

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Remark
1	119.240	17.55	1.45	21.60	40.60	40.00	-0.60	Peak
2	119.800	17.59	1.46	17.87	36.92	40.00	3.08	QP
3	214.720	15.65	2.12	16.60	34.37	40.00	5.63	QP
4	215.270	15.69	2.12	21.84	39.65	40.00	0.35	Peak
5	229.820	16.59	2.24	12.83	31.66	40.00	8.34	Peak
6	315.180	18.91	2.97	24.33	46.21	47.00	0.79	Peak
7	316.300	18.94	2.97	20.90	42.81	47.00	4.19	QP

Remarks: 1. Emission Level(dBµV/m)= Antenna Factor(dB/m) + Cable Loss(dB) + Reading(dBµV).

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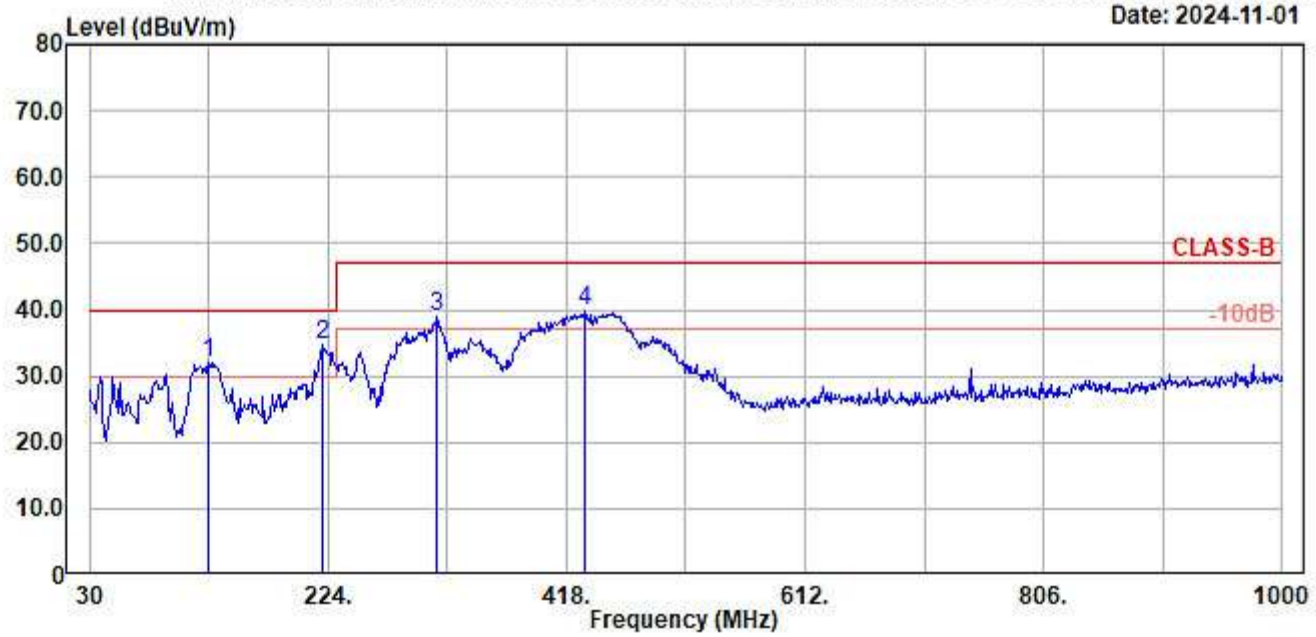

Site No. : No.2 3m Semi Anechoic Chamber
Instrument 1 : Spectrum N9010B(407)|Receiver ESCI(276)
Instrument 2 : CBL6112D (819)|RE-13|
Distance/Limit : 3m /CLASS-B
Environment : 25*C/52%
EUT Model : CCR550PS15
Test Mode : Mode 1

Data No. : 9
Ant. Pol. : Vertical
Test Rating : 100Vac/50Hz
Engineer : Jemy Wang

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Remark
1	127.000	17.28	1.51	13.08	31.87	40.00	8.13	Peak
2	219.150	15.91	2.15	16.71	34.77	40.00	5.23	Peak
3	312.270	18.82	2.97	17.15	38.94	47.00	8.06	Peak
4	432.550	21.75	3.22	14.91	39.88	47.00	7.12	Peak

Remarks: 1. Emission Level(dBµV/m)= Antenna Factor(dB/m) + Cable Loss(dB) + Reading(dBµV).

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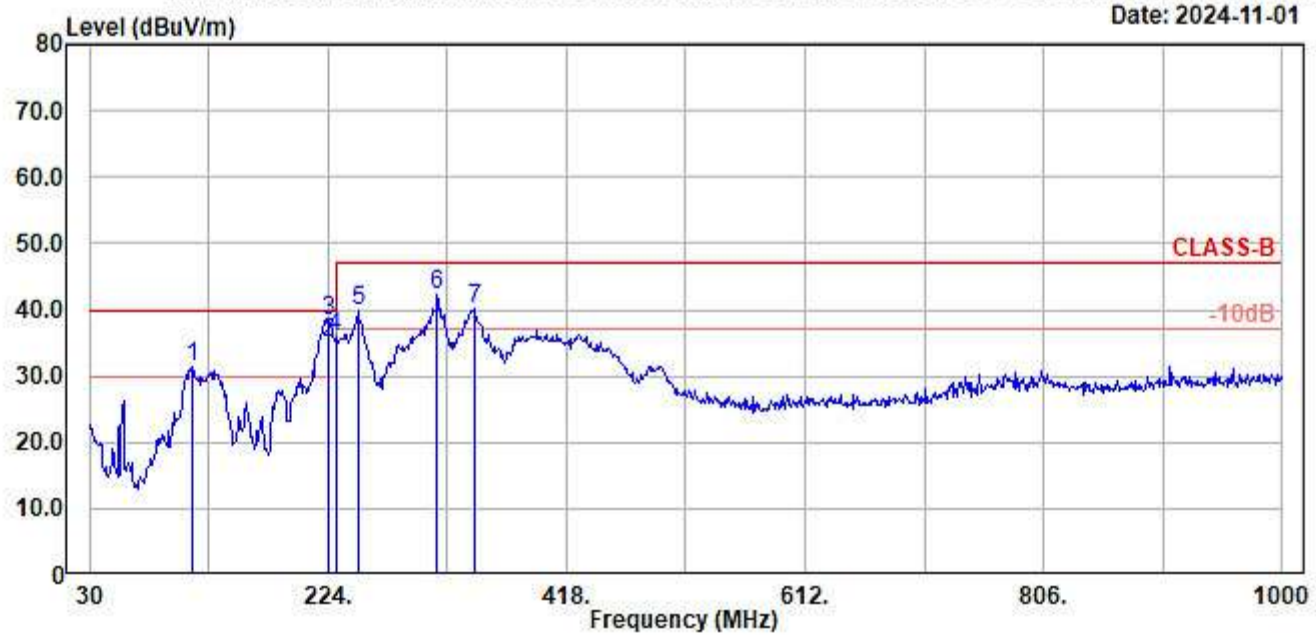

Site No. : No.2 3m Semi Anechoic Chamber
Instrument 1 : Spectrum N9010B(407)|Receiver ESCI(276)
Instrument 2 : CBL6112D (819)|RE-13|
Distance/Limit : 3m /CLASS-B
Environment : 25*C/52%
EUT Model : CCR550PS15
Test Mode : Mode 1

Data No. : 10
Ant. Pol. : Horizontal
Test Rating : 100Vac/50Hz
Engineer : Jemy Wang

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Remark
1	113.420	17.15	1.41	12.81	31.37	40.00	8.63	Peak
2	223.980	16.23	2.19	16.68	35.10	40.00	4.90	QP
3	224.000	16.23	2.19	20.05	38.47	40.00	1.53	Peak
4	229.820	16.59	2.24	17.11	35.94	40.00	4.06	Peak
5	248.250	17.67	2.38	19.83	39.88	47.00	7.12	Peak
6	312.270	18.82	2.97	20.59	42.38	47.00	4.62	Peak
7	342.340	19.70	3.00	17.50	40.20	47.00	6.80	Peak

Remarks: 1. Emission Level(dBµV/m)= Antenna Factor(dB/m) + Cable Loss(dB) + Reading(dBµV).

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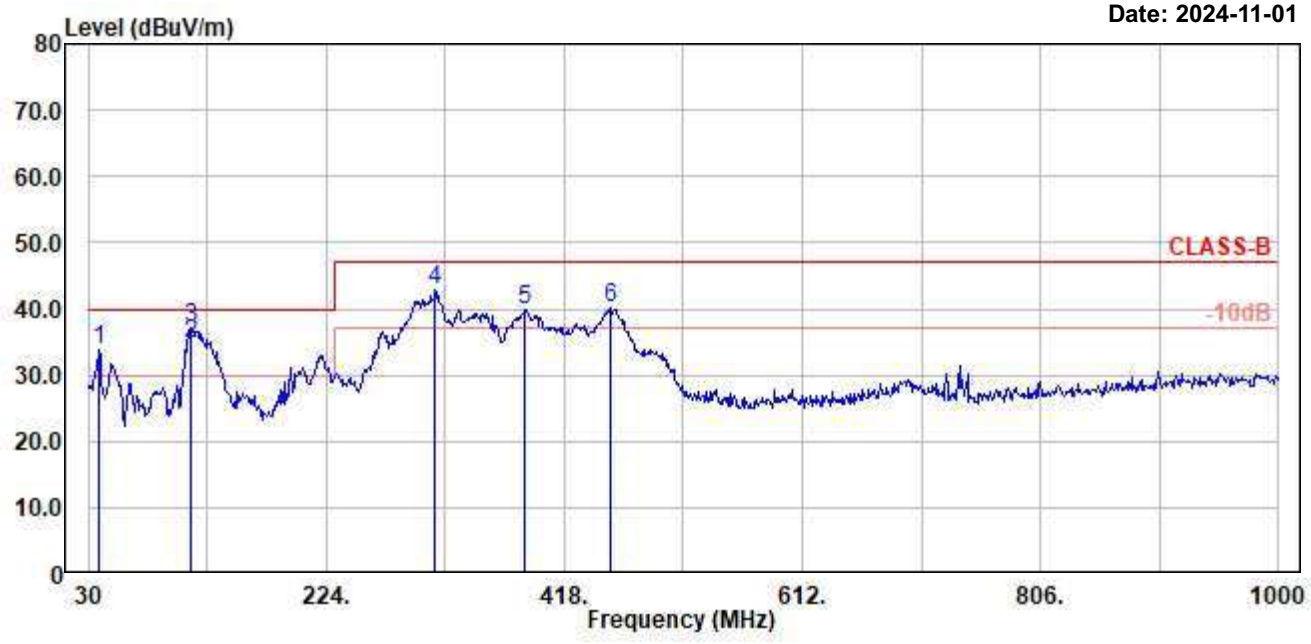

Site No. : No.2 3m Semi Anechoic Chamber
Data No. : 111
Instrument 1 : Spectrum N9010B(407)|Receiver ESCI(276)
Instrument 2 : CBL6112D (819)|RE-13|
Distance/Limit : 3m /CLASS-B
Ant. Pol. : Vertical
Environment : 24*C/58%
Test Rating : 100Vac/50Hz
EUT Model : CCR550PS24
Engineer : Jemy Wang
Test Mode : Mode 1

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Remark
1	38.730	19.02	0.77	13.93	33.72	40.00	6.28	Peak
2	112.650	17.10	1.41	16.12	34.63	40.00	5.37	QP
3	113.420	17.15	1.41	18.56	37.12	40.00	2.88	Peak
4	312.270	18.82	2.97	20.97	42.76	47.00	4.24	Peak
5	385.990	20.87	3.05	15.96	39.88	47.00	7.12	Peak
6	454.860	22.08	3.32	14.64	40.04	47.00	6.96	Peak

Remarks: 1. Emission Level(dBµV/m)= Antenna Factor(dB/m) + Cable Loss(dB) + Reading(dBµV).

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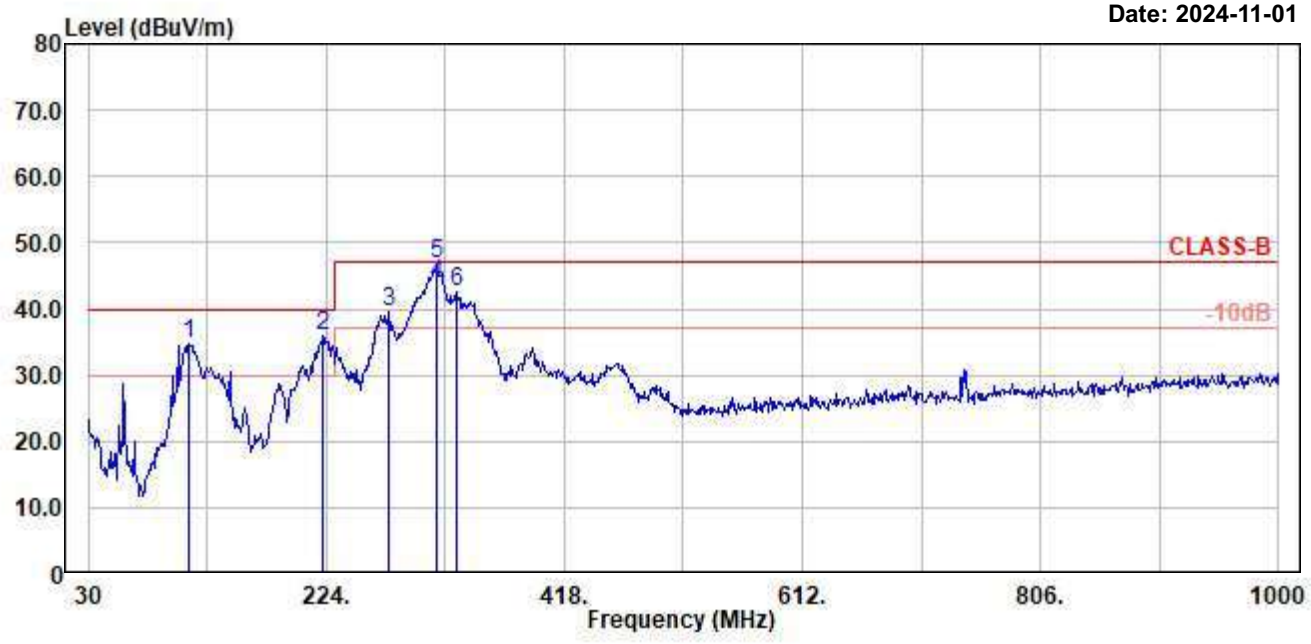

Site No. : No.2 3m Semi Anechoic Chamber
Data No. : 112
Instrument 1 : Spectrum N9010B(407)|Receiver ESCI(276)
Instrument 2 : CBL6112D (819)|RE-13|
Distance/Limit : 3m /CLASS-B
Ant. Pol. : Horizontal
Environment : 24*C/58%
Test Rating : 100Vac/50Hz
EUT Model : CCR550PS24
Engineer : Jemy Wang
Test Mode : Mode 1

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Remark
1	111.480	17.01	1.40	16.45	34.86	40.00	5.14	Peak
2	221.090	16.03	2.17	17.77	35.97	40.00	4.03	Peak
3	275.410	18.12	2.69	18.68	39.49	47.00	7.51	Peak
4	313.500	18.86	2.97	21.87	43.70	47.00	3.30	QP
5	314.210	18.88	2.97	24.81	46.66	47.00	0.34	Peak
6	330.700	19.37	2.99	20.08	42.44	47.00	4.56	Peak

Remarks: 1. Emission Level(dBµV/m)= Antenna Factor(dB/m) + Cable Loss(dB) + Reading(dBµV).

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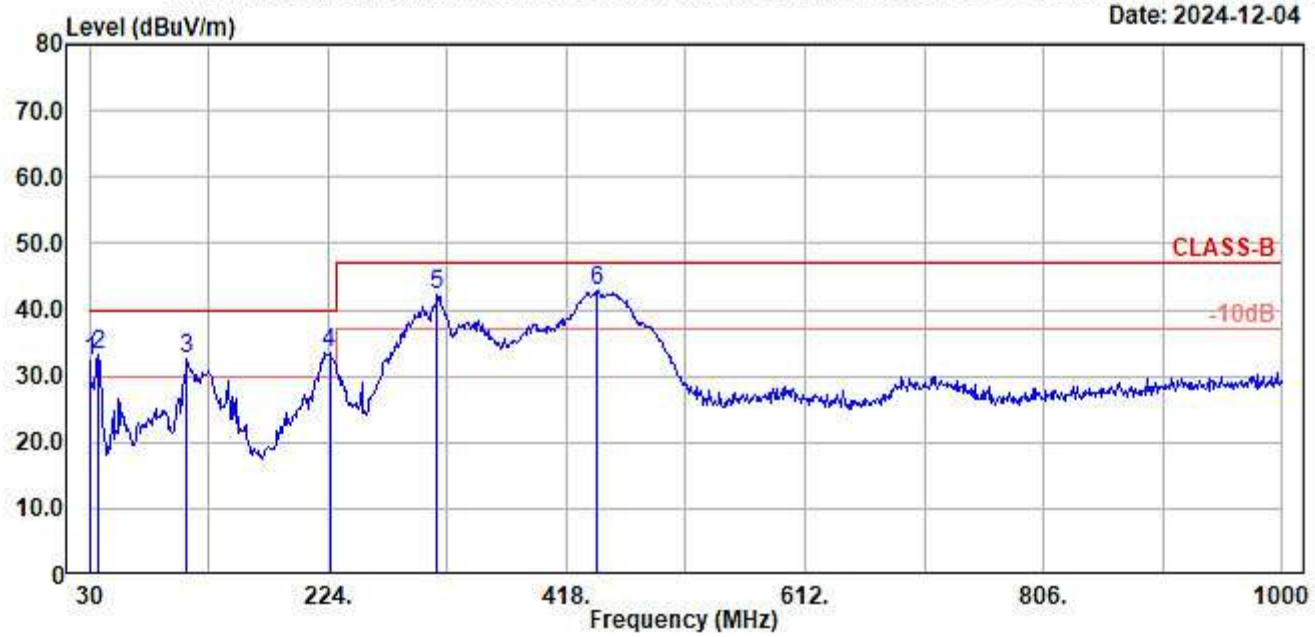

Site No. : No.2 3m Semi Anechoic Chamber
Instrument 1 : Spectrum N9010B(407)|Receiver ESCI(276)
Instrument 2 : CBL6112D (819)|RE-13|
Distance/Limit : 3m /CLASS-B
Environment : 25*C/52%
EUT Model : CCR550PS28
Test Mode : Mode 1

Data No. : 21
Ant. Pol. : Vertical
Test Rating : 100Vac/50Hz
Engineer : Jemy Wang

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Remark
1	30.000	23.54	0.66	8.25	32.45	40.00	7.55	Peak
2	36.790	20.19	0.75	12.16	33.10	40.00	6.90	Peak
3	108.570	16.80	1.38	14.42	32.60	40.00	7.40	Peak
4	224.970	16.30	2.20	15.06	33.56	40.00	6.44	Peak
5	312.270	18.82	2.97	20.59	42.38	47.00	4.62	Peak
6	442.250	21.90	3.27	17.74	42.91	47.00	4.09	Peak

Remarks: 1. Emission Level(dBµV/m)= Antenna Factor(dB/m) + Cable Loss(dB) + Reading(dBµV).

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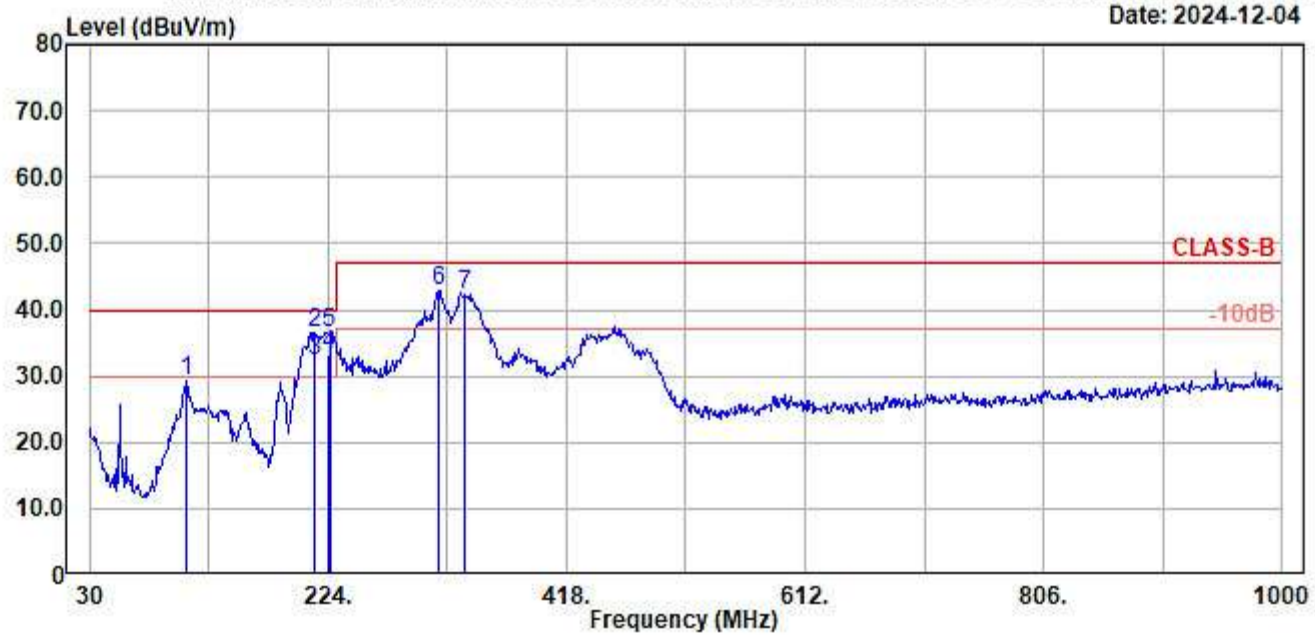

Site No. : No.2 3m Semi Anechoic Chamber
Instrument 1 : Spectrum N9010B(407)|Receiver ESCI(276)
Instrument 2 : CBL6112D (819)|RE-13|
Distance/Limit : 3m /CLASS-B
Environment : 25*C/52%
EUT Model : CCR550PS28
Test Mode : Mode 1

Data No. : 22
Ant. Pol. : Horizontal
Test Rating : 100Vac/50Hz
Engineer : Jemy Wang

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Remark
1	108.570	16.80	1.38	11.13	29.31	40.00	10.69	Peak
2	212.360	15.49	2.10	19.06	36.65	40.00	3.35	Peak
3	212.600	15.50	2.10	14.57	32.17	40.00	7.83	QP
4	223.570	16.20	2.19	14.69	33.08	40.00	6.92	QP
5	224.970	16.30	2.20	18.07	36.57	40.00	3.43	Peak
6	313.240	18.85	2.97	20.95	42.77	47.00	4.23	Peak
7	335.550	19.50	2.99	19.91	42.40	47.00	4.60	Peak

Remarks: 1. Emission Level(dBµV/m)= Antenna Factor(dB/m) + Cable Loss(dB) + Reading(dBµV).

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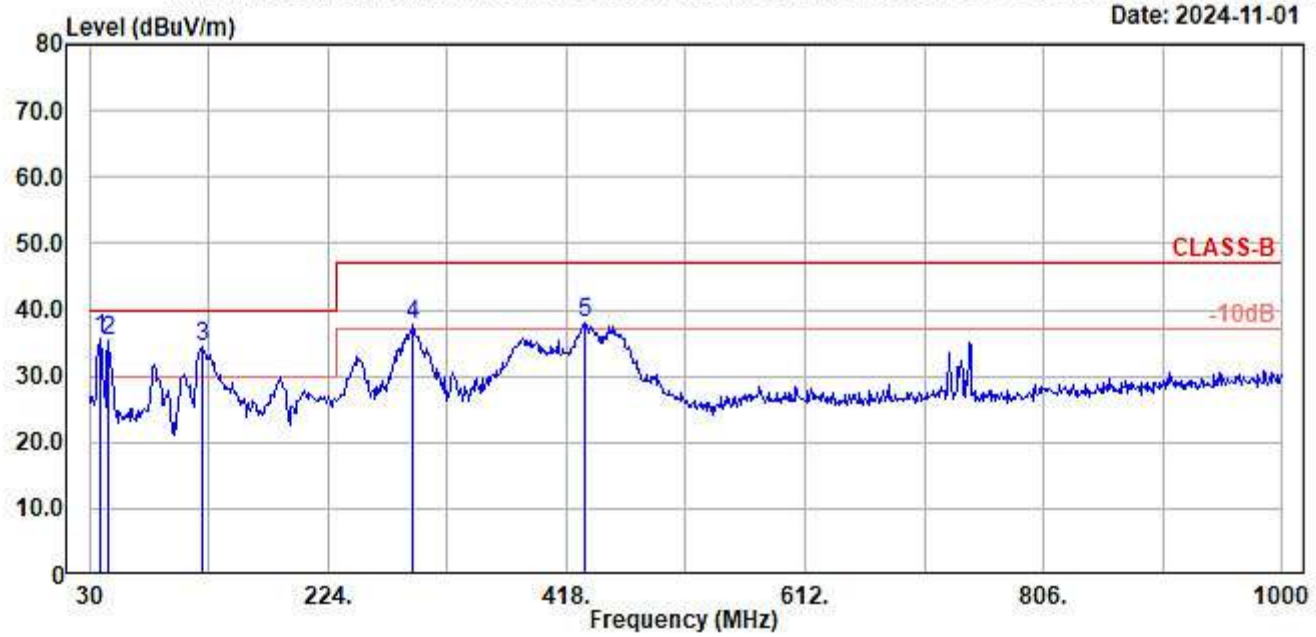

Site No. : No.2 3m Semi Anechoic Chamber
Instrument 1 : Spectrum N9010B(407)|Receiver ESCI(276)
Instrument 2 : CBL6112D (819)|RE-13|
Distance/Limit : 3m /CLASS-B
Environment : 25*C/52%
EUT Model : CCR550PS30
Test Mode : Mode 1

Data No. : 27
Ant. Pol. : Vertical
Test Rating : 100Vac/50Hz
Engineer : Jemy Wang

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Remark
1	37.760	19.63	0.76	15.20	35.59	40.00	4.41	Peak
2	44.550	16.03	0.83	18.43	35.29	40.00	4.71	Peak
3	122.150	17.50	1.47	15.34	34.31	40.00	5.69	Peak
4	292.870	18.34	2.88	16.44	37.66	47.00	9.34	Peak
5	432.550	21.75	3.22	13.13	38.10	47.00	8.90	Peak

Remarks: 1. Emission Level(dBµV/m)= Antenna Factor(dB/m) + Cable Loss(dB) + Reading(dBµV).

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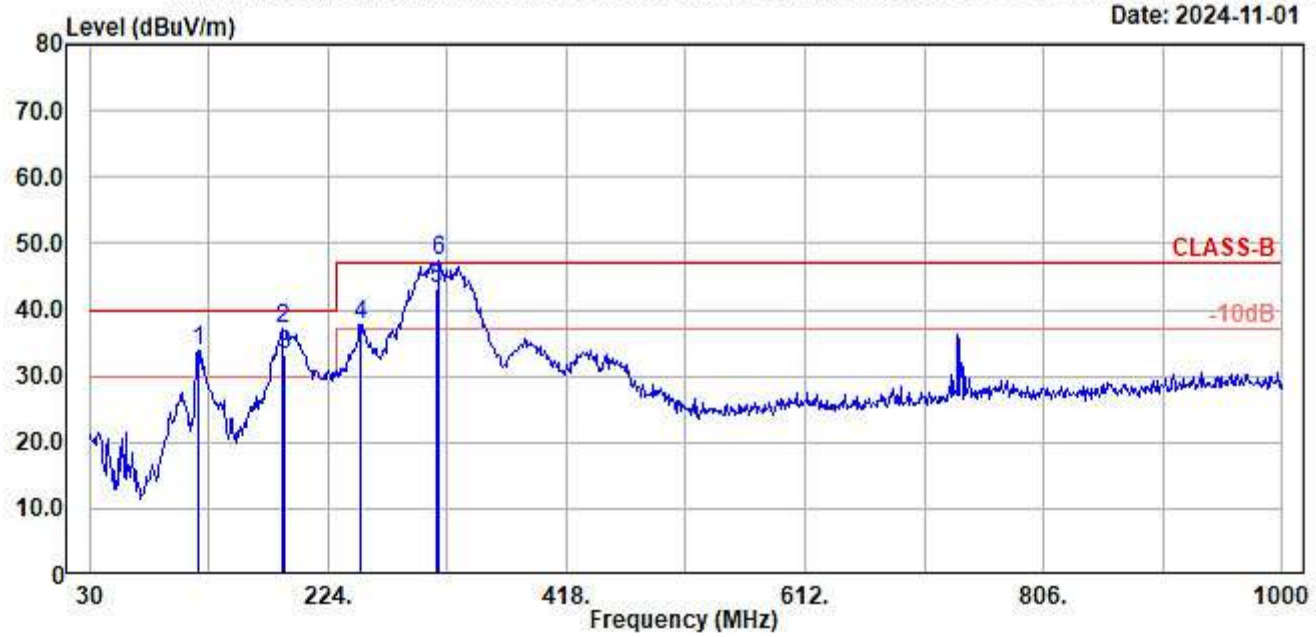

Site No. : No.2 3m Semi Anechoic Chamber
Instrument 1 : Spectrum N9010B(407)|Receiver ESCI(276)
Instrument 2 : CBL6112D (819)|RE-13|
Distance/Limit : 3m /CLASS-B
Environment : 25*C/52%
EUT Model : CCR550PS30
Test Mode : Mode 1

Data No. : 28
Ant. Pol. : Horizontal
Test Rating : 100Vac/50Hz
Engineer : Jemy Wang

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Remark
1	118.270	17.50	1.45	14.87	33.82	40.00	6.18	Peak
2	187.140	14.55	1.90	20.57	37.02	40.00	2.98	Peak
3	188.540	14.57	1.91	16.87	33.35	40.00	6.65	QP
4	250.190	17.77	2.39	17.55	37.71	47.00	9.29	Peak
5	312.230	18.82	2.97	21.37	43.16	47.00	3.84	QP
6	313.240	18.85	2.97	25.46	47.28	47.00	-0.28	Peak

Remarks: 1. Emission Level(dBµV/m)= Antenna Factor(dB/m) + Cable Loss(dB) + Reading(dBµV).

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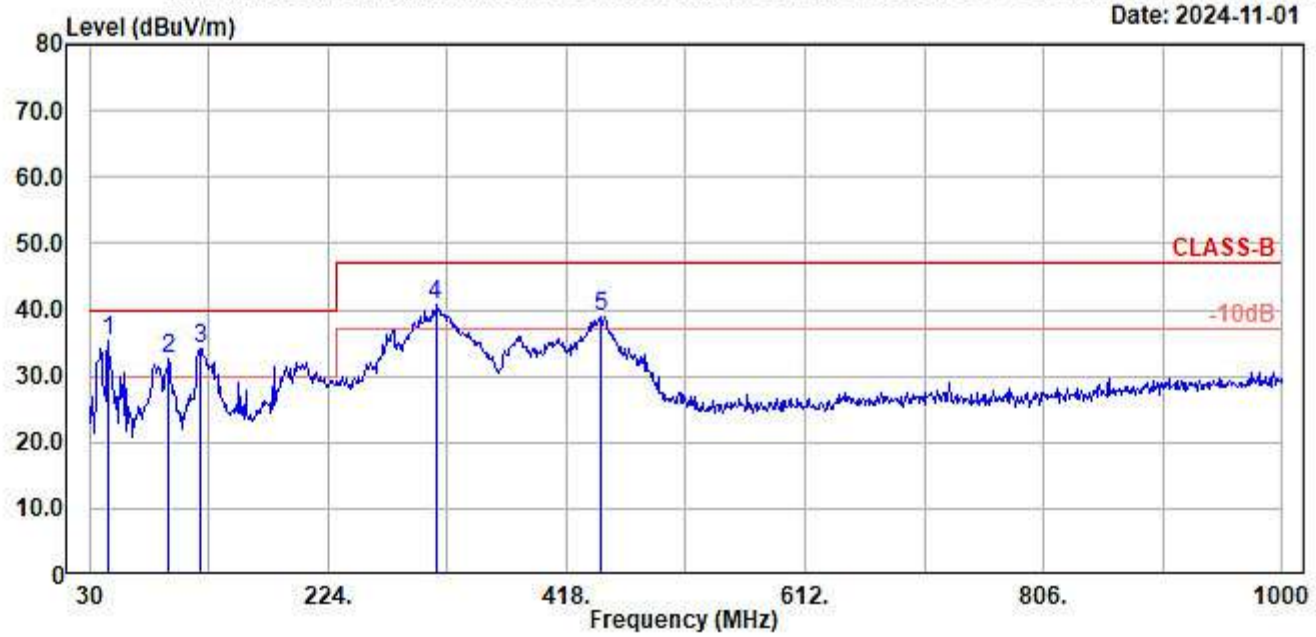

Site No. : No.2 3m Semi Anechoic Chamber
Instrument 1 : Spectrum N9010B(407)|Receiver ESCI(276)
Instrument 2 : CBL6112D (819)|RE-13|
Distance/Limit : 3m /CLASS-B
Environment : 25*C/52%
EUT Model : CCR550PS36
Test Mode : Mode 1

Data No. : 33
Ant. Pol. : Vertical
Test Rating : 100Vac/50Hz
Engineer : Jemy Wang

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Remark
1	44.550	16.03	0.83	18.55	35.41	40.00	4.59	Peak
2	94.020	15.21	1.26	16.13	32.60	40.00	7.40	Peak
3	119.240	17.55	1.45	15.11	34.11	40.00	5.89	Peak
4	311.300	18.78	2.96	18.99	40.73	47.00	6.27	Peak
5	445.160	21.94	3.28	13.80	39.02	47.00	7.98	Peak

Remarks: 1. Emission Level(dBµV/m)= Antenna Factor(dB/m) + Cable Loss(dB) + Reading(dBµV).

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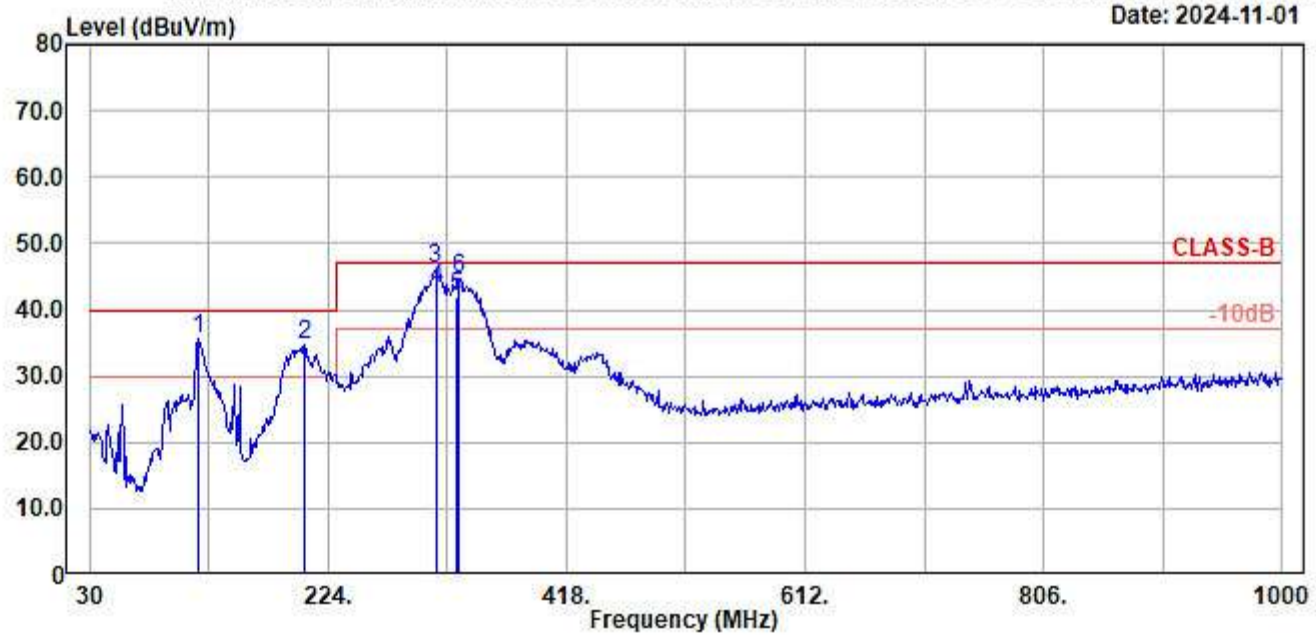

Site No. : No.2 3m Semi Anechoic Chamber
Instrument 1 : Spectrum N9010B(407)|Receiver ESCI(276)
Instrument 2 : CBL6112D (819)|RE-13|
Distance/Limit : 3m /CLASS-B
Environment : 25*C/52%
EUT Model : CCR550PS36
Test Mode : Mode 1

Data No. : 34
Ant. Pol. : Horizontal
Test Rating : 100Vac/50Hz
Engineer : Jemy Wang

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Remark
1	118.270	17.50	1.45	16.75	35.70	40.00	4.30	Peak
2	204.600	14.95	2.03	17.80	34.78	40.00	5.22	Peak
3	311.300	18.78	2.96	24.36	46.10	47.00	0.90	Peak
4	312.320	18.82	2.97	21.44	43.23	47.00	3.77	QP
5	329.120	19.32	2.99	19.54	41.85	47.00	5.15	QP
6	330.700	19.37	2.99	22.46	44.82	47.00	2.18	Peak

Remarks: 1. Emission Level(dBµV/m)= Antenna Factor(dB/m) + Cable Loss(dB) + Reading(dBµV).

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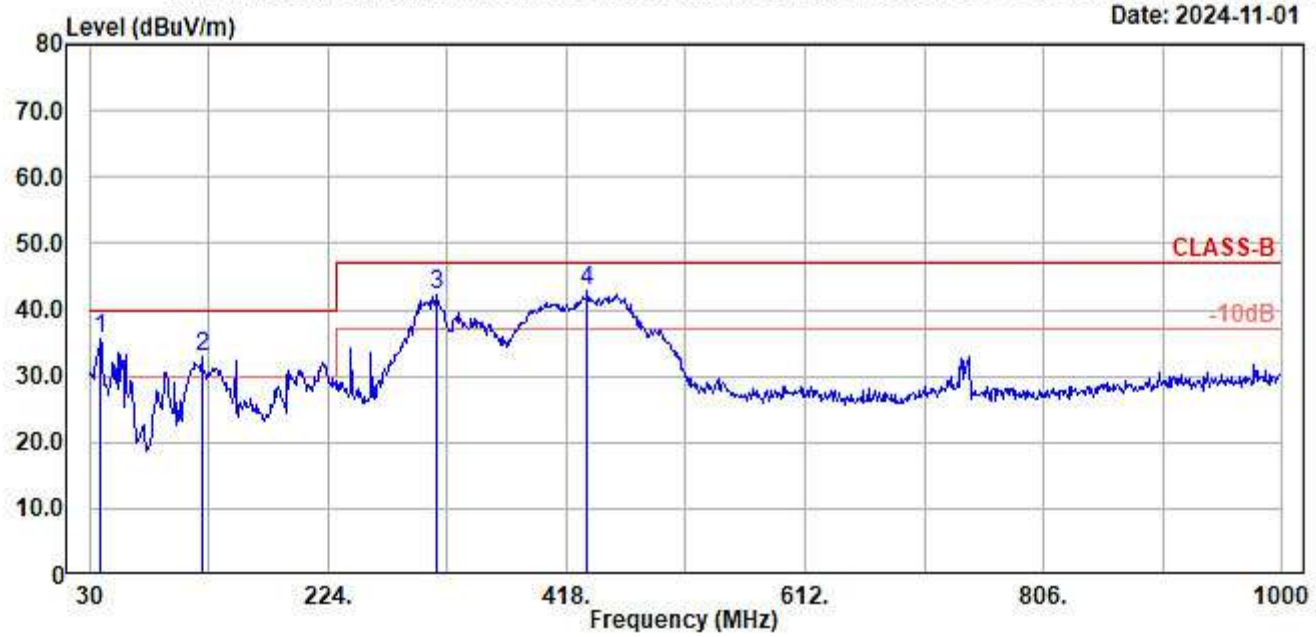

Site No. : No.2 3m Semi Anechoic Chamber
Instrument 1 : Spectrum N9010B(407)|Receiver ESCI(276)
Instrument 2 : CBL6112D (819)|RE-13|
Distance/Limit : 3m /CLASS-B
Environment : 25*C/52%
EUT Model : CCR550PS48
Test Mode : Mode 1

Data No. : 39
Ant. Pol. : Vertical
Test Rating : 100Vac/50Hz
Engineer : Jemy Wang

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Remark
1	38.730	19.02	0.77	15.74	35.53	40.00	4.47	Peak
2	121.180	17.53	1.47	13.85	32.85	40.00	7.15	Peak
3	312.270	18.82	2.97	20.48	42.27	47.00	4.73	Peak
4	434.490	21.79	3.23	17.80	42.82	47.00	4.18	Peak

Remarks: 1. Emission Level(dBµV/m)= Antenna Factor(dB/m) + Cable Loss(dB) + Reading(dBµV).

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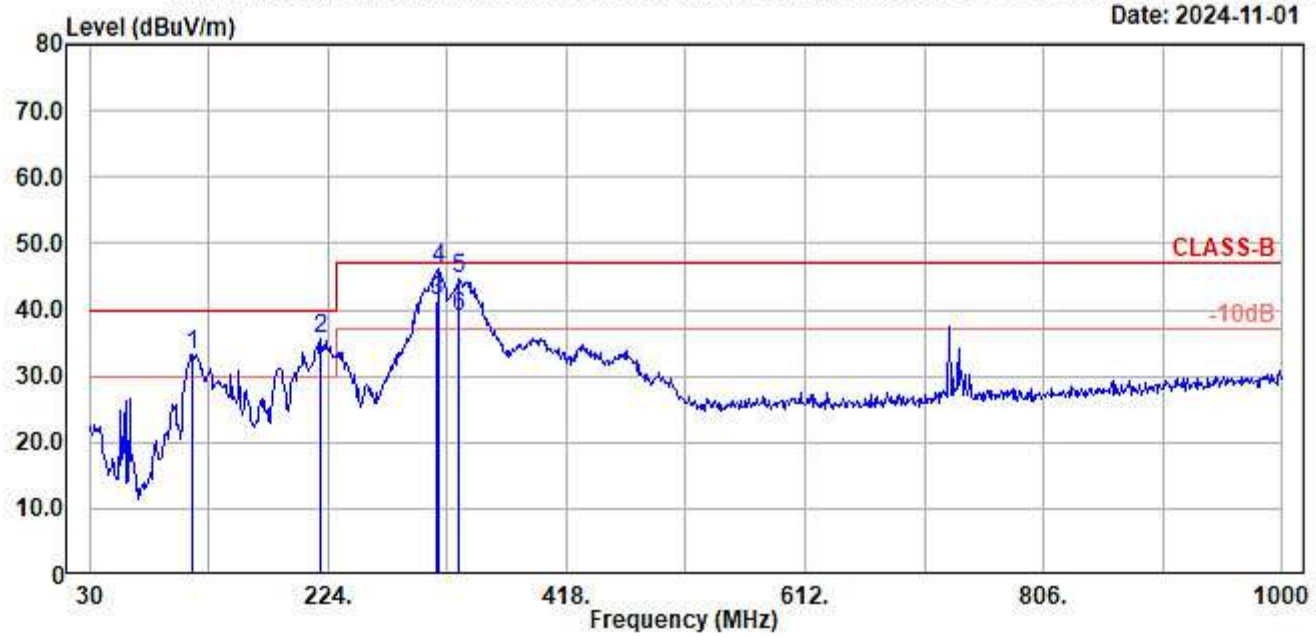

Site No. : No.2 3m Semi Anechoic Chamber
Instrument 1 : Spectrum N9010B(407)|Receiver ESCI(276)
Instrument 2 : CBL6112D (819)|RE-13|
Distance/Limit : 3m /CLASS-B
Environment : 25*C/52%
EUT Model : CCR550PS48
Test Mode : Mode 1

Data No. : 40
Ant. Pol. : Horizontal
Test Rating : 100Vac/50Hz
Engineer : Jemy Wang

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Remark
1	113.420	17.15	1.41	14.76	33.32	40.00	6.68	Peak
2	218.180	15.86	2.15	17.49	35.50	40.00	4.50	Peak
3	312.680	18.83	2.97	19.67	41.47	47.00	5.53	QP
4	313.240	18.85	2.97	24.46	46.28	47.00	0.72	Peak
5	329.730	19.34	2.99	22.27	44.60	47.00	2.40	Peak
6	330.020	19.35	2.99	16.69	39.03	47.00	7.97	QP

Remarks: 1. Emission Level(dBµV/m)= Antenna Factor(dB/m) + Cable Loss(dB) + Reading(dBµV).

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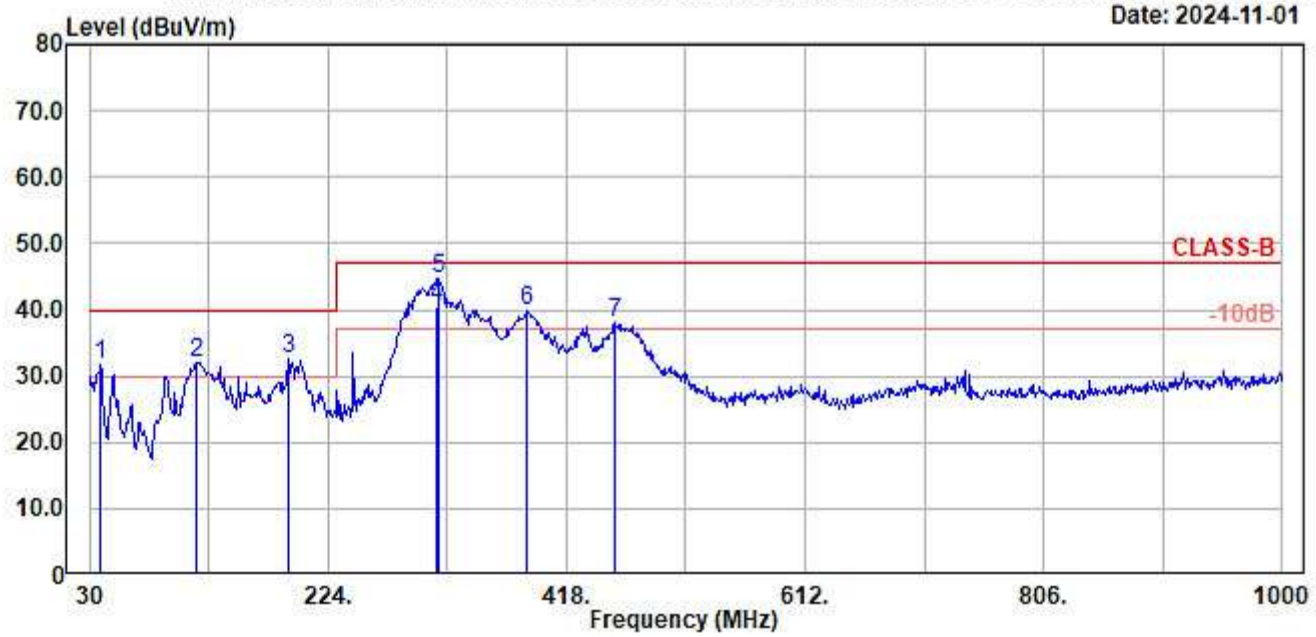

Site No. : No.2 3m Semi Anechoic Chamber
Instrument 1 : Spectrum N9010B(407)|Receiver ESCI(276)
Instrument 2 : CBL6112D (819)|RE-13|
Distance/Limit : 3m /CLASS-B
Environment : 25*C/52%
EUT Model : CCR550PS54
Test Mode : Mode 1

Data No. : 45
Ant. Pol. : Vertical
Test Rating : 100Vac/50Hz
Engineer : Jemy Wang

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Remark
1	38.730	19.02	0.77	11.86	31.65	40.00	8.35	Peak
2	116.330	17.36	1.43	13.31	32.10	40.00	7.90	Peak
3	191.990	14.58	1.94	15.94	32.46	40.00	7.54	Peak
4	312.050	18.81	2.97	18.65	40.43	47.00	6.57	QP
5	313.240	18.85	2.97	22.85	44.67	47.00	2.33	Peak
6	385.020	20.85	3.05	15.84	39.74	47.00	7.26	Peak
7	457.770	22.14	3.34	12.53	38.01	47.00	8.99	Peak

Remarks: 1. Emission Level(dBµV/m)= Antenna Factor(dB/m) + Cable Loss(dB) + Reading(dBµV).

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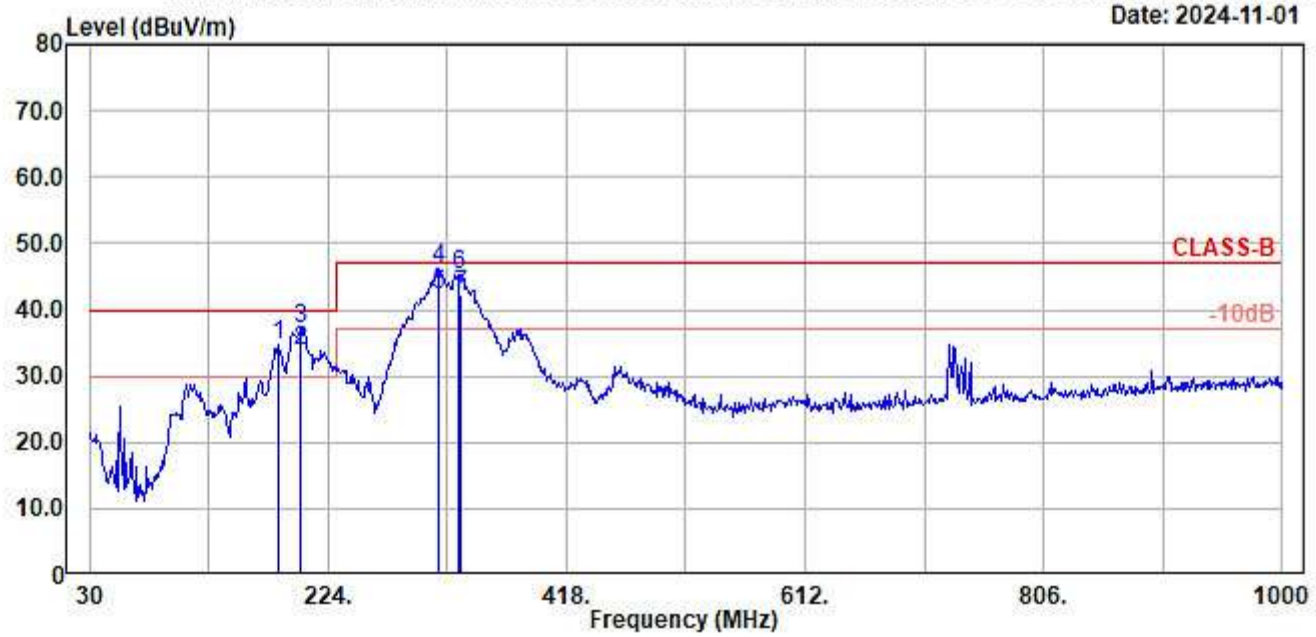

Site No. : No.2 3m Semi Anechoic Chamber
Instrument 1 : Spectrum N9010B(407)|Receiver ESCI(276)
Instrument 2 : CBL6112D (819)|RE-13|
Distance/Limit : 3m /CLASS-B
Environment : 25*C/52%
EUT Model : CCR550PS54
Test Mode : Mode 1

Data No. : 46
Ant. Pol. : Horizontal
Test Rating : 100Vac/50Hz
Engineer : Jemy Wang

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Remark
1	183.260	14.52	1.87	18.41	34.80	40.00	5.20	Peak
2	200.540	14.68	1.99	17.22	33.89	40.00	6.11	QP
3	200.720	14.69	2.00	20.46	37.15	40.00	2.85	Peak
4	313.240	18.85	2.97	24.35	46.17	47.00	0.83	Peak
5	313.650	18.86	2.97	20.38	42.21	47.00	4.79	QP
6	330.700	19.37	2.99	22.92	45.28	47.00	1.72	Peak
7	331.540	19.39	2.99	20.03	42.41	47.00	4.59	QP

Remarks: 1. Emission Level(dBµV/m)= Antenna Factor(dB/m) + Cable Loss(dB) + Reading(dBµV).

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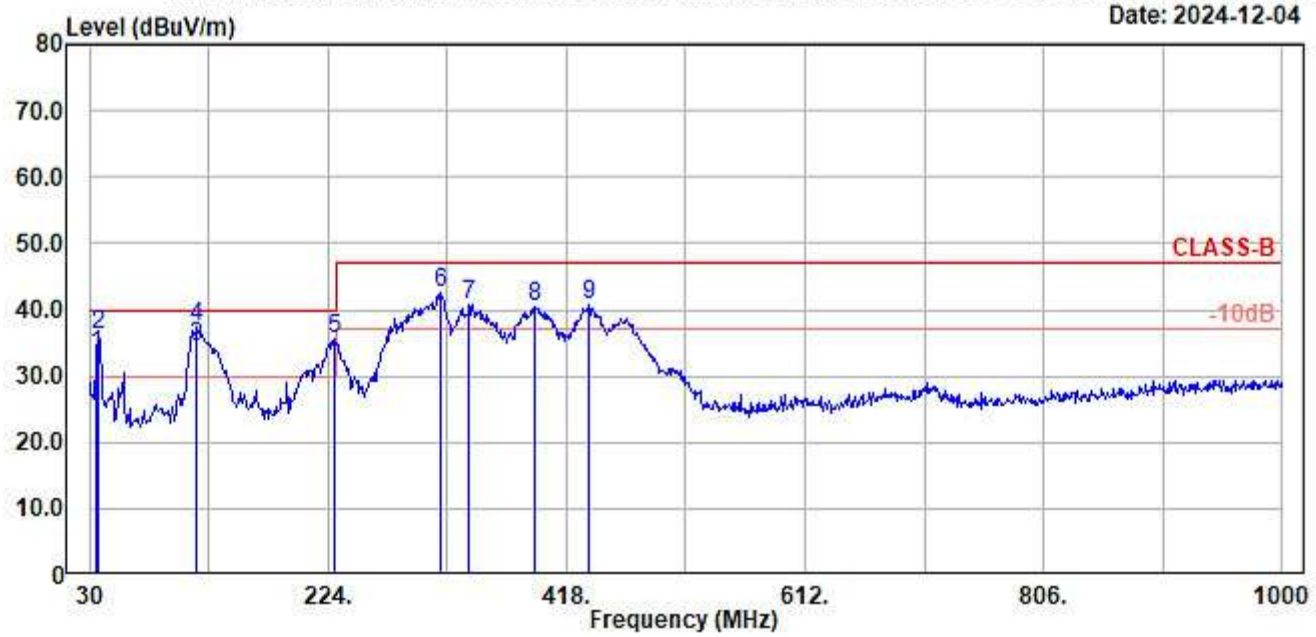

Site No. : No.2 3m Semi Anechoic Chamber
Instrument 1 : Spectrum N9010B(407)|Receiver ESCI(276)
Instrument 2 : CBL6112D (819)|RE-13|
Distance/Limit : 3m /CLASS-B
Environment : 24*C/58%
EUT Model : CCR550PS24
Test Mode : Mode 1
Class II

Data No. : 57
Ant. Pol. : Vertical
Test Rating : 100Vac/50Hz
Engineer : Jemy Wang

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Remark
1	35.580	20.97	0.74	11.36	33.07	40.00	6.93	QP
2	36.790	20.19	0.75	15.24	36.18	40.00	3.82	Peak
3	116.850	17.39	1.44	15.60	34.43	40.00	5.57	QP
4	117.300	17.43	1.44	18.57	37.44	40.00	2.56	Peak
5	228.850	16.53	2.23	16.94	35.70	40.00	4.30	Peak
6	316.150	18.94	2.97	20.61	42.52	47.00	4.48	Peak
7	338.460	19.58	3.00	18.28	40.86	47.00	6.14	Peak
8	391.810	21.00	3.05	16.55	40.60	47.00	6.40	Peak
9	436.430	21.82	3.24	15.71	40.77	47.00	6.23	Peak

Remarks: 1. Emission Level(dBµV/m)= Antenna Factor(dB/m) + Cable Loss(dB) + Reading(dBµV).

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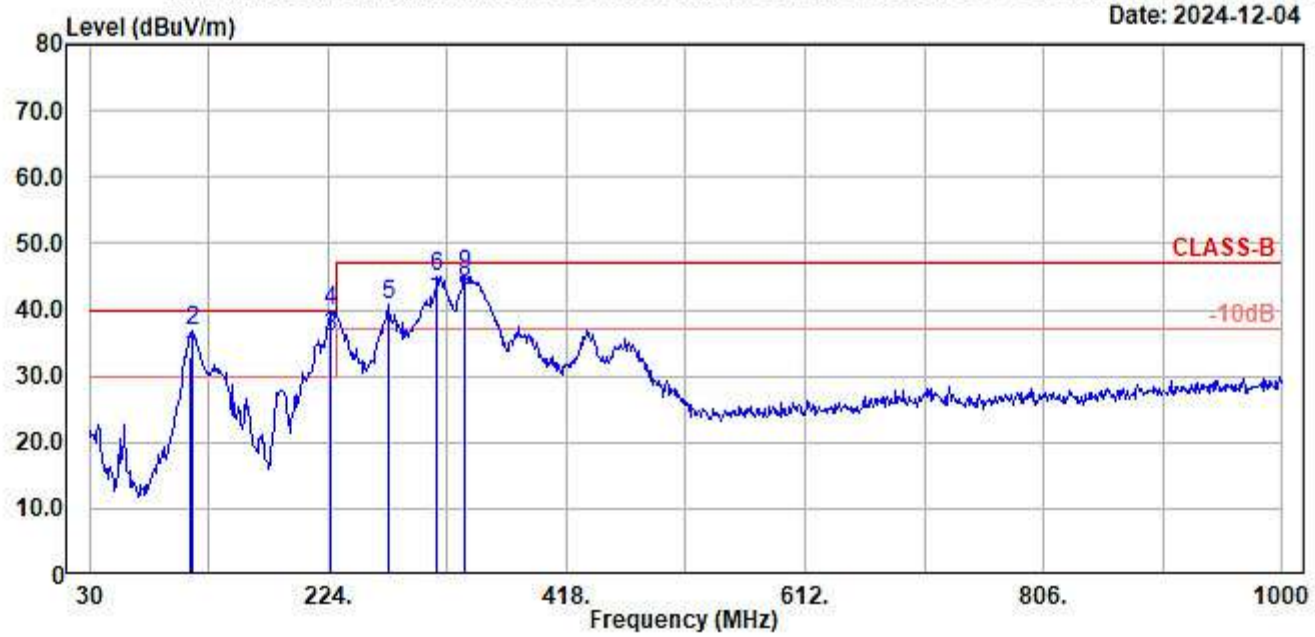

Site No. : No.2 3m Semi Anechoic Chamber
Instrument 1 : Spectrum N9010B(407)|Receiver ESCI(276)
Instrument 2 : CBL6112D (819)|RE-13|
Distance/Limit : 3m /CLASS-B
Environment : 24*C/58%
EUT Model : CCR550PS24
Test Mode : Mode 1
Class II

Data No. : 58
Ant. Pol. : Horizontal
Test Rating : 100Vac/50Hz
Engineer : Jemy Wang

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Remark
1	112.350	17.08	1.41	14.34	32.83	40.00	7.17	QP
2	113.420	17.15	1.41	18.24	36.80	40.00	3.20	Peak
3	225.600	16.34	2.21	17.29	35.84	40.00	4.16	QP
4	225.940	16.36	2.21	21.35	39.92	40.00	0.08	Peak
5	273.470	18.09	2.67	20.03	40.79	47.00	6.21	Peak
6	312.270	18.82	2.97	23.22	45.01	47.00	1.99	Peak
7	312.400	18.82	2.97	19.40	41.19	47.00	5.81	QP
8	334.540	19.47	2.99	20.30	42.76	47.00	4.24	QP
9	335.550	19.50	2.99	22.69	45.18	47.00	1.82	Peak

Remarks: 1. Emission Level(dBµV/m)= Antenna Factor(dB/m) + Cable Loss(dB) + Reading(dBµV).