VCCI-CISPR 32

TEST REPORT

For

USB Flash Drive

MODEL NUMBER: Wafer Duo (WAD), Alloy Duo (AYD)

REPORT NUMBER: 4791789462.1-1-EMC-3

ISSUE DATE: June 6, 2025

Prepared for

Flashbay Electronics
Building2, Jixun Industrial Park, Xinjiao, Dong'ao Village, Shatian Town, Huiyang District, Huizhou City, Guangdong Province, P.R.China

Prepared by

UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch

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Revision History

Rev.	Issue Date	Revisions	Revised By
V0	June 6, 2025	Initial Issue	

Summary of Test Results				
Standard	**Test Item**	**Limit**	**Result**	**Remark**
VCCI-CISPR 32:2016	Conducted emissions from the AC mains power ports	Class B	Pass	
	Asymmetric mode conducted emissions	Class B	N/A	NOTE (1)
	Radiated emissions at frequencies up to 1 GHz	Class B	Pass	
	Radiated emissions at frequencies above 1 GHz	Class B	Pass	NOTE (2)

Note:

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

(2) If the highest frequency of the internal sources of the EUT is less than 108 MHz, the measurement shall only be made up to 1 GHz. If the highest frequency of the internal sources of the EUT is between 108 MHz and 500 MHz, the measurement shall only be made up to 2 GHz. If the highest frequency of the internal sources of the EUT is between 500 MHz and 1 GHz, measurement shall only be made up to 5 GHz. If the highest frequency of the internal sources of the EUT is above 1 GHz, the measurement shall be made up to 5 times the highest frequency or 6 GHz, whichever is less.

(3) This test report is only published to and used by the applicant, and it is not for evidence purpose in China.

(4) The measurement result for the sample received is <Pass> according to < VCCI-CISPR 32:2016 > when <Simple Acceptance> decision rule is applied.

CONTENTS

1. ATTESTATION OF TEST RESULTS

Applicant Information

Company Name:	Flashbay Electronics
Address:	Building2, Jixun Industrial Park, Xinjiao, Dong'ao Village, Shatian Town, Huiyang District, Huizhou City, Guangdong Province, P.R.China

Manufacturer Information

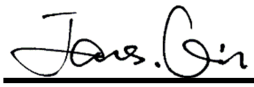
Company Name:	Flashbay Electronics
Address:	Building2, Jixun Industrial Park, Xinjiao, Dong'ao Village, Shatian Town, Huiyang District, Huizhou City, Guangdong Province, P.R.China

EUT Information

EUT Name:	USB Flash Drive
Model:	Wafer Duo (WAD), Alloy Duo (AYD)
Brand:	/
Sample Received Date:	May 13, 2025
Sample Status:	Normal
Sample ID:	8459388-1 (Wafer Duo (WAD)), 8459388-2 (Alloy Duo (AYD))
Date of Tested:	May 13, 2025 to June 4, 2025

APPLICABLE STANDARDS	
STANDARDS	**TEST RESULTS**
VCCI-CISPR 32:2016	**PASS**

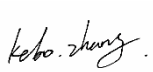
Prepared By:



James Qin

Project Engineer

Checked By:



Kebo Zhang

Senior Project Engineer

Approved By:

Stephen Guo

Operations Manager

2. TEST METHODOLOGY

All tests were performed in accordance with the standard VCCI-CISPR 32:2016.

3. FACILITIES AND ACCREDITATION

Accreditation Certificate	**A2LA (Certificate No.: 4102.01)** UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch. has been assessed and proved to be in compliance with A2LA. **FCC (FCC Designation No.: CN1187)** UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch. Has been recognized to perform compliance testing on equipment subject to the Commission's Declaration of Conformity (DoC) and Certification rules. **ISED (Company No.: 21320)** UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch. has been registered and fully described in a report filed with ISED. The Company Number is 21320 and the test lab Conformity Assessment Body Identifier (CABID) is CN0046.

Note:
All tests measurement facilities use to collect the measurement data are located at Room 101, Building 2, No.4, Information Road, Songshan Lake, Dongguan, Guangdong, China.

4. CALIBRATION AND UNCERTAINTY

4.1. MEASURING INSTRUMENT CALIBRATION

The measuring equipment utilized to perform the tests documented in this report has been calibrated in accordance with the manufacturer's recommendations and is traceable to recognized national standards.

4.2. MEASUREMENT UNCERTAINTY

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

Test Item	Measurement Frequency Range	K	U(dB)
Conducted emissions (AC mains power ports)	0.15MHz - 30MHz	2	3.63
Radiated emissions below 1GHz	30MHz -1GHz	2	4.13
Radiated emissions above 1GHz	1GHz - 18GHz	2	5.64
Note1: This uncertainty represents an expanded uncertainty expressed at approximately the 95 % confidence level using a coverage factor of k=2.			
Note 2: According to the standard CISPR 16-4-2, the MU for the Conducted emissions from the AC mains power ports using AMN should not exceed 3.8 in range of 9kHz to 150kHz and 3.4 in range of 150kHz to 30MHz. We have considered the test results containing the value of Ulab (in dB) for the measurement instrumentation actually used for the measurements.			

5. EQUIPMENT UNDER TEST

5.1. Description of EUT

EUT Name	USB Flash Drive
Model	Wafer Duo (WAD), Alloy Duo (AYD)
Ratings	Input: 5 Vdc

5.2. Test Mode

Test Mode	Description
Mode 1	Data transferred via USB-C port
Mode 2	Data transferred via USB-A port

5.3. EUT Accessory

Item	Accessory	Brand Name	Model Name	Description
/	/	/	/	/

5.4. SUPPORT UNITS FOR SYSTEM TEST

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

Item	Equipment	Mfr/Brand	Model/Type No.	Specification	Series No.
E-1	Laptop	Lenovo	Thinkpad T14 Gen 1	N/A	PF-39TXGN

The following cables were used to form a representative test configuration during the tests.

Item	Type of cable	Shielded Type	Ferrite Core	Length
\	\	\	\	\

6. MEASURING EQUIPMENT AND SOFTWARE USED

Test Equipment of Conducted emissions					
Equipment	**Manufacturer**	**Model No.**	**Serial No.**	**Last Cal.**	**Due Date**
EMI Test Receiver	ROHDE & SCHWARZ	ESR3	101961	Sep. 28, 2024	Sep. 27, 2025
Two-Line V-Network	ROHDE & SCHWARZ	ENV216	101983	Sep. 28, 2024	Sep. 27, 2025
Artificial Mains Networks	Schwarzbeck	NSLK 8126	8126465	Sep. 28, 2024	Sep. 27, 2025
Test Software for Conducted Emission	Farad	EZ-EMC	Ver.UL-3A1	N/A	N/A

Test Equipment of Radiated emissions below 1GHz					
Equipment	**Manufacturer**	**Model No.**	**Serial No.**	**Last Cal.**	**Due Date**
Hybrid Log Periodic Antenna	TDK	HLP-3003C	130960	Jun. 28, 2024	Jun. 27, 2027
MXE EMI Receiver	KEYSIGHT	N9038A	MY56400036	Sep. 28, 2024	Sep. 27, 2025
Amplifier	HP	8447F	2944A03683	Sep. 28, 2024	Sep. 27, 2025
Test Software for Radiated Emission	Farad	EZ-EMC	Ver.UL-3A1	N/A	N/A

Test Equipment of Radiated emissions above 1GHz					
Equipment	**Manufacturer**	**Model No.**	**Serial No.**	**Last Cal.**	**Due Date**
EMI Measurement Receiver	ROHDE & SCHWARZ	ESR26	101377	Sep. 28, 2024	Sep. 27, 2025
Preamplifier	TDK	PA-02-2	TRS-307-00003	Sep. 28, 2024	Sep. 27, 2025
Highpass Filter	Wainwright	WHKX10-2700-3000-18000-40SS	23	/	/
Horn Antenna	TDK	HRN-0118	130939	Apr. 29, 2022	Apr. 28, 2025
Preamplifier	TDK	PA-02-3	TRS-308-00002	Sep. 28, 2024	Sep. 27, 2025
Preamplifier	TDK	PA-02-0118	TRS-305-00067	Sep. 28, 2024	Sep. 27, 2025
High Gain Horn Antenna	Schwarzbeck	BBHA-9170	697	Jun. 30, 2024	Jun. 29, 2027
Band Reject Filter	Wainwright	WRCJV8-2350-2400-2483.5-2533.5-40SS	4	/	/

Band Reject Filter	Wainwright	WRCJV20-5120-5150-5350-5380-60SS	2	/	/
Highpass Filter	Wainwright	WHKX10-5850-6500-1800-40SS	4	/	/
Test Software for Radiated Emission	Farad	EZ-EMC	Ver.UL-3A1	N/A	N/A

Other Instrument					
Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Due Date
Temperature humidity probe	OMEGA	ITHX-SD-5	18470007	Oct.8, 2024	Oct.7, 2025
Barometer	Yiyi	Baro	N/A	Oct.10, 2024	Oct.9, 2025
Attenuator	Agilent	8495B	2814a12853	Sep.28, 2024	Sep.27, 2025

7. EMISSION TEST

7.1. Conducted Emissions Measurement

Limits of Conducted Emissions

(a.) Limits of conducted emissions from the AC mains power ports of Class A equipment

Frequency range MHz	Coupling device	Detector type / bandwidth	Class A voltage limits dB(uV)
0.15 to 0.5	AMN	Quasi Peak / 9 kHz	79
0.5 to 30			73
0.15 to 0.5	AMN	Average / 9 kHz	66
0.5 to 30			60

(b.) Limits of conducted emissions from the AC mains power ports of Class B equipment

Frequency range MHz	Coupling device	Detector type / bandwidth	Class B voltage limits dB(uV)
0.15 to 0.5	AMN	Quasi Peak / 9 kHz	66 to 56
0.5 to 5			56
5 to 30			60
0.15 to 0.5	AMN	Average / 9 kHz	56 to 46
0.5 to 5			46
5 to 30			50

(c.) Limits of asymmetric mode conducted emissions of Class A equipment

Frequency range MHz	Coupling device	Detector type / bandwidth	Class A voltage limits dB(uV)	Class A current limits dB(uA)
0.15 -0.5	AAN	Quasi Peak / 9 kHz	97 to 87	n/a
0.5 -30			87	n/a
0.15 -0.5	AAN	Average / 9 kHz	84 to 74	n/a
0.5 -30			74	n/a
0.15 -0.5	Current Probe	Quasi Peak / 9 kHz	n/a	53 to 43
0.5 -30			n/a	43
0.15 -0.5	Current Probe	Average / 9 kHz	n/a	40 to 30
0.5 -30			n/a	30

(d.) Limits of asymmetric mode conducted emissions of Class B equipment

Frequency range MHz	Coupling device	Detector type / bandwidth	Class B voltage limits dB(uV)	Class B current limits dB(uA)
0.15 -0.5	AAN	Quasi Peak / 9 kHz	84 to 74	n/a
0.5 -30			74	n/a
0.15 -0.5	AAN	Average / 9 kHz	74 to 64	n/a
0.5 -30			64	n/a
0.15 -0.5	Current Probe	Quasi Peak / 9 kHz	n/a	40 to 30
0.5 -30			n/a	30
0.15 -0.5	Current Probe	Average / 9 kHz	n/a	30 to 20
0.5 -30			n/a	20

Note:

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

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

Test Procedure

a. The EUT was placed 0.8 meters from the horizontal ground plane

b. Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 to 40 cm long.

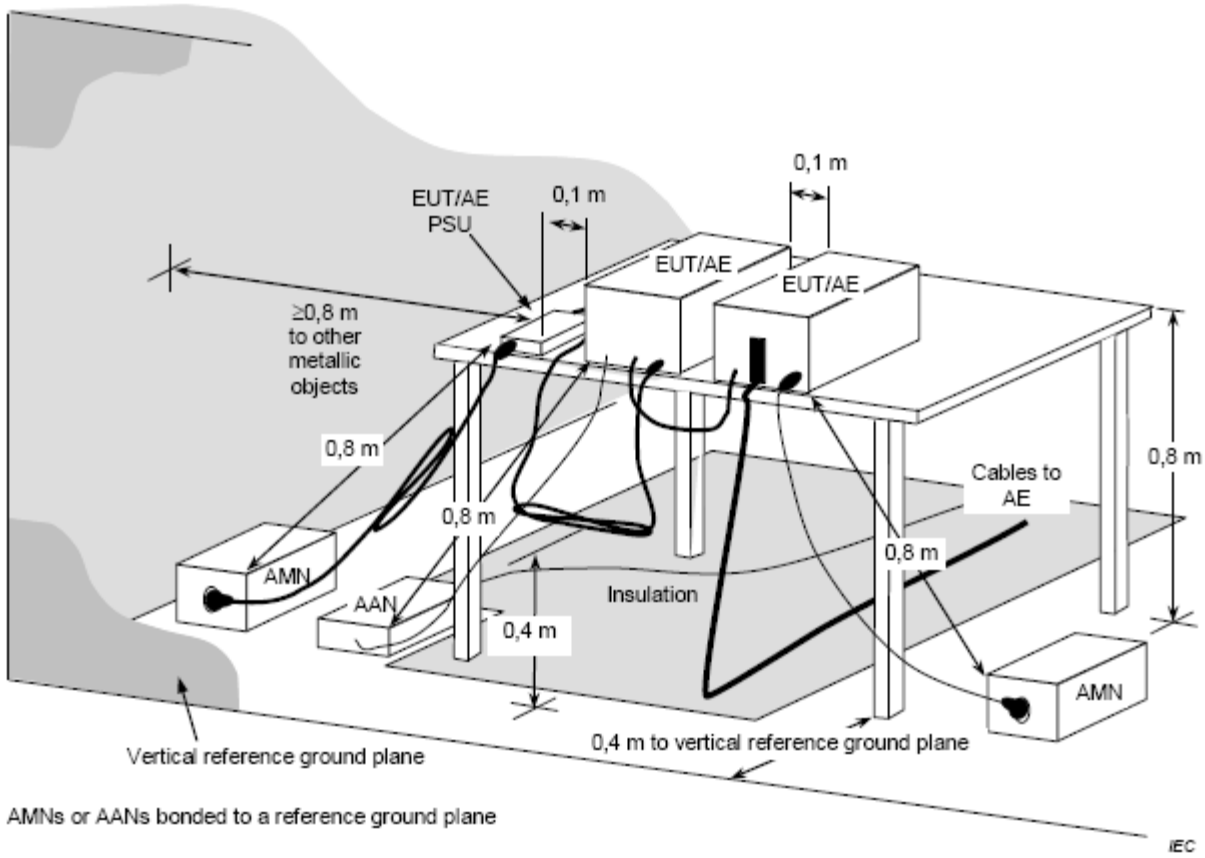
c. I/O cables that are not connected to a peripheral shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.

d. AMN/ANN at least 80 cm from nearest part of EUT chassis.

e. For the actual test configuration, please refer to the related Item: Photographs of Test Configuration

Test Setup

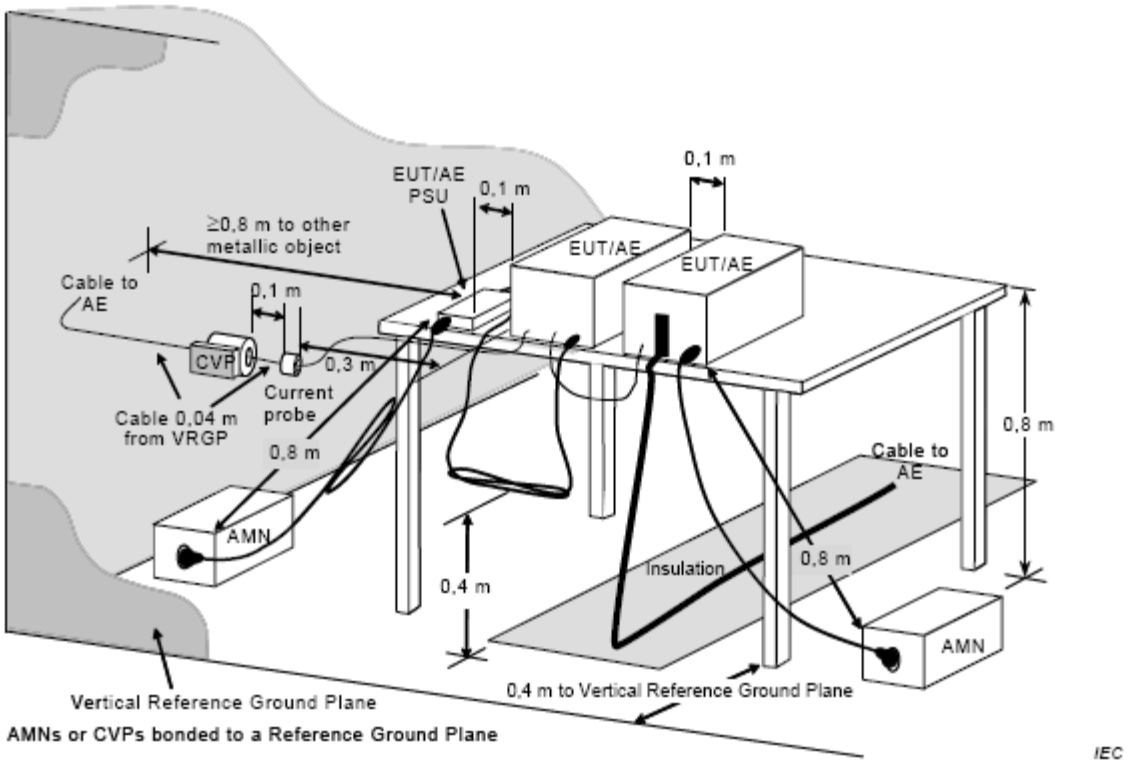
(a.) Example measurement arrangement for table-top EUT (alternative 1)



The 0,8 m distance specified between EUT/AE/PSU and AMN/AAN, is applicable only to the EUT being measured. If the device is AE then it shall be ≥0,8 m.

For the actual test configuration, please refer to Appendix I: Photographs of Test Configuration

(b.) Example measurement arrangement for table-top EUT measuring in accordance with C.4.1.6.4



The 0,8 m distance specified between EUT/local AE/PSU and AMN/AAN, is applicable only to the EUT being measured. If the device is AE then it shall be ≥0,8 m.

For the actual test configuration, please refer to Appendix I: Photographs of Test Configuration

TEST ENVIRONMENT

Temperature	24.3℃	Relative Humidity	54.2%
Atmosphere Pressure	101kPa		

TEST DATE / ENGINEER

Test Date	May 15, 2025	Test By	Deacon Tan

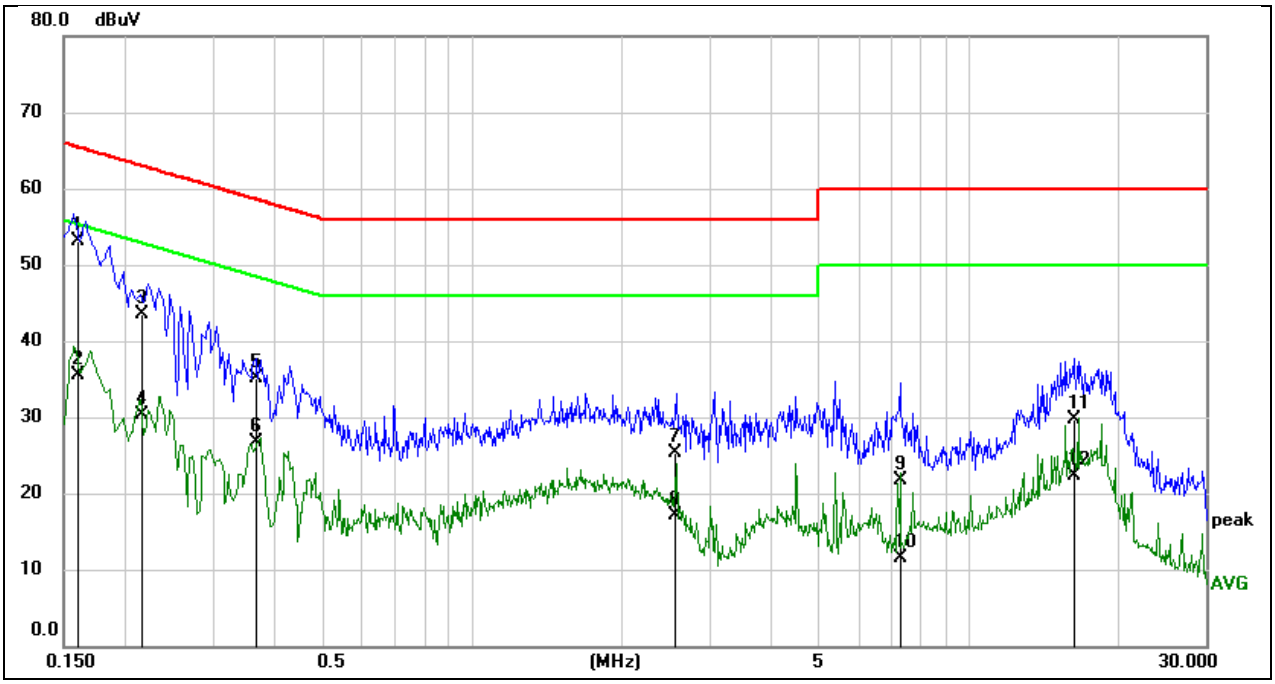
TEST MODE

Pre-test Mode:	M01 ~ M02
Final Test Mode:	M02

Note: All test modes had been tested, but only the worst data recorded in the report.

TEST RESULTS

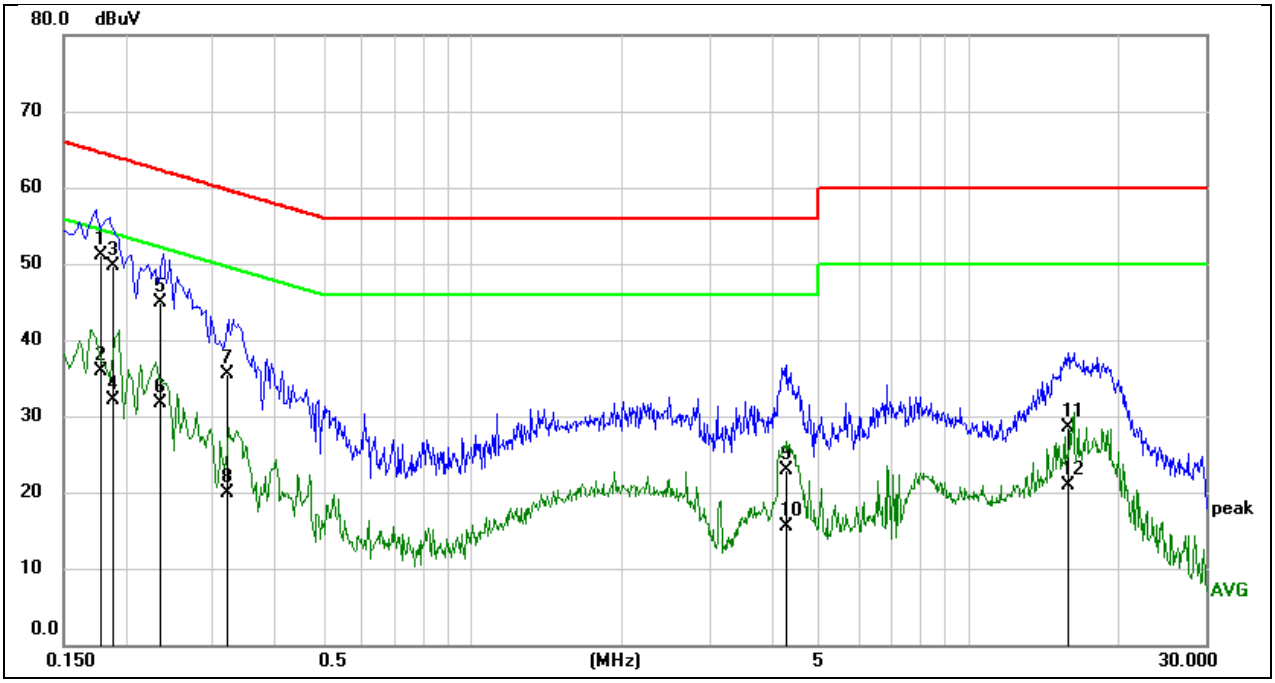
Test Mode:	M02	Line:	Line
Test Voltage:	AC 100V_60Hz		



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1604	43.45	9.72	53.17	65.44	-12.27	QP
2	0.1604	25.85	9.72	35.57	55.44	-19.87	AVG
3	0.2172	33.85	9.64	43.49	62.93	-19.44	QP
4	0.2172	20.59	9.64	30.23	52.93	-22.70	AVG
5	0.3681	25.55	9.64	35.19	58.54	-23.35	QP
6	0.3681	17.02	9.64	26.66	48.54	-21.88	AVG
7	2.5488	15.49	9.74	25.23	56.00	-30.77	QP
8	2.5488	7.43	9.74	17.17	46.00	-28.83	AVG
9	7.3146	11.91	9.73	21.64	60.00	-38.36	QP
10	7.3146	1.82	9.73	11.55	50.00	-38.45	AVG
11	16.2925	19.91	9.74	29.65	60.00	-30.35	QP
12	16.2925	12.57	9.74	22.31	50.00	-27.69	AVG

Remark: Result = Reading +Correct (Insertion Loss + Cable Loss + Attenuator Factor)
Margin = Result - Limit

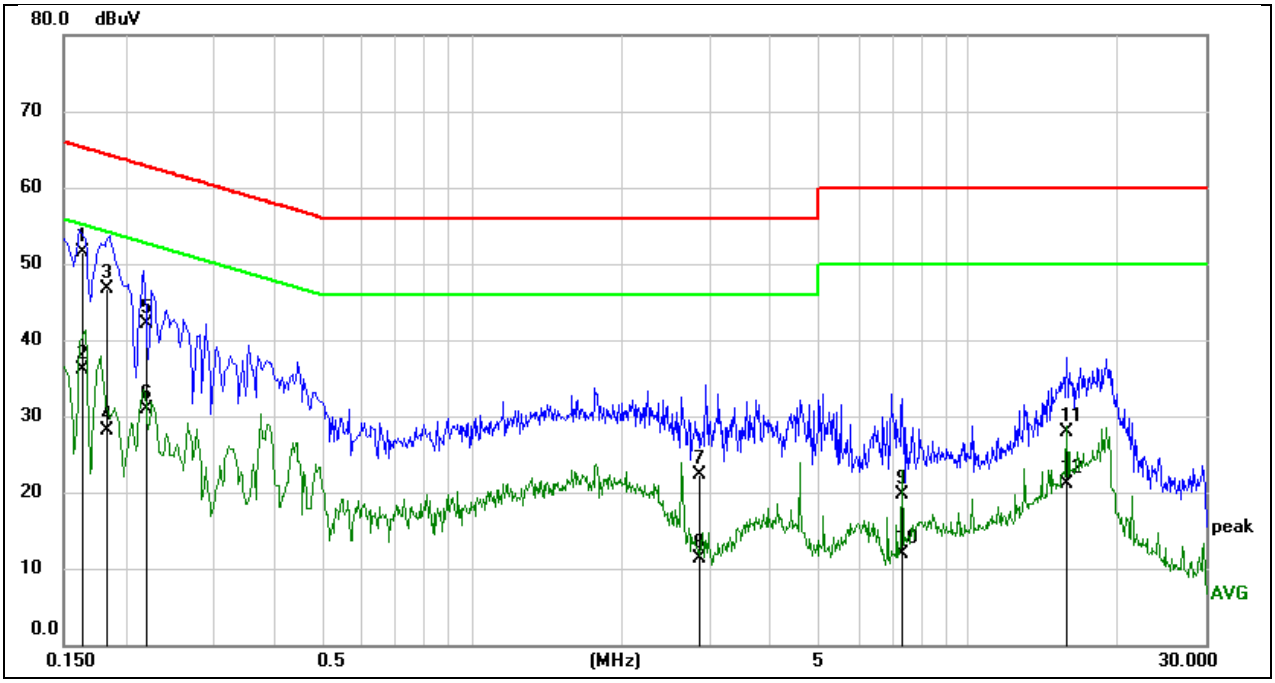
Test Mode:	M02	Line:	Neutral
Test Voltage:	AC 100V_60Hz		



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1785	41.55	9.64	51.19	64.56	-13.37	QP
2	0.1785	26.36	9.64	36.00	54.56	-18.56	AVG
3	0.1886	40.14	9.64	49.78	64.10	-14.32	QP
4	0.1886	22.52	9.64	32.16	54.10	-21.94	AVG
5	0.2347	35.32	9.64	44.96	62.28	-17.32	QP
6	0.2347	22.07	9.64	31.71	52.28	-20.57	AVG
7	0.3198	25.85	9.64	35.49	59.71	-24.22	QP
8	0.3198	10.20	9.64	19.84	49.71	-29.87	AVG
9	4.3024	13.26	9.64	22.90	56.00	-33.10	QP
10	4.3024	5.79	9.64	15.43	46.00	-30.57	AVG
11	15.8468	18.84	9.74	28.58	60.00	-31.42	QP
12	15.8468	11.16	9.74	20.90	50.00	-29.10	AVG

Remark: Result = Reading +Correct (Insertion Loss + Cable Loss + Attenuator Factor)
Margin = Result - Limit

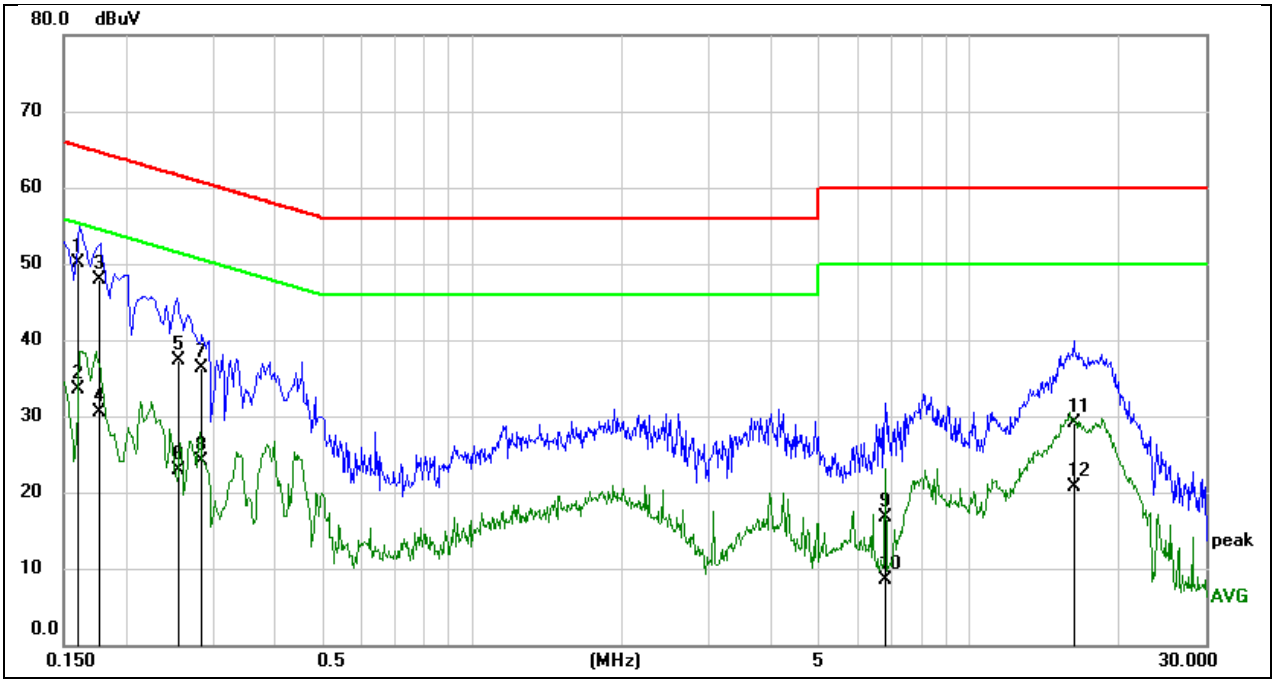
Test Mode:	M02	Line:	Line
Test Voltage:	AC 100V_60Hz		



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1649	41.75	9.71	51.46	65.21	-13.75	QP
2	0.1649	26.31	9.71	36.02	55.21	-19.19	AVG
3	0.1831	36.99	9.67	46.66	64.34	-17.68	QP
4	0.1831	18.51	9.67	28.18	54.34	-26.16	AVG
5	0.2201	32.47	9.64	42.11	62.82	-20.71	QP
6	0.2201	21.25	9.64	30.89	52.82	-21.93	AVG
7	2.8939	12.51	9.73	22.24	56.00	-33.76	QP
8	2.8939	1.53	9.73	11.26	46.00	-34.74	AVG
9	7.3943	10.03	9.73	19.76	60.00	-40.24	QP
10	7.3943	2.15	9.73	11.88	50.00	-38.12	AVG
11	15.7554	18.17	9.74	27.91	60.00	-32.09	QP
12	15.7554	11.34	9.74	21.08	50.00	-28.92	AVG

Remark: Result = Reading +Correct (Insertion Loss + Cable Loss + Attenuator Factor)
Margin = Result - Limit

Test Mode:	M02	Line:	Neutral
Test Voltage:	AC 100V_60Hz		



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1604	40.56	9.64	50.20	65.44	-15.24	QP
2	0.1604	23.83	9.64	33.47	55.44	-21.97	AVG
3	0.1768	38.21	9.64	47.85	64.63	-16.78	QP
4	0.1768	20.81	9.64	30.45	54.63	-24.18	AVG
5	0.2569	27.76	9.64	37.40	61.53	-24.13	QP
6	0.2569	13.20	9.64	22.84	51.53	-28.69	AVG
7	0.2858	26.61	9.64	36.25	60.65	-24.40	QP
8	0.2858	14.43	9.64	24.07	50.65	-26.58	AVG
9	6.7784	6.93	9.72	16.65	60.00	-43.35	QP
10	6.7784	-1.25	9.72	8.47	50.00	-41.53	AVG
11	16.2208	19.39	9.74	29.13	60.00	-30.87	QP
12	16.2208	11.00	9.74	20.74	50.00	-29.26	AVG

Remark: Result = Reading +Correct (Insertion Loss + Cable Loss + Attenuator Factor)
Margin = Result - Limit

7.2. Radiated Emissions Measurement

Limits of Radiated Emissions Measurement

(a). **Limits up to 1 GHz**

FREQUENCY (MHz)	Class A		Class B	
	At 10m	At 3m	At 10m	At 3m
	dBµV/m	dBµV/m	dBµV/m	dBµV/m
30 – 230	40	50	30	40
230 – 1000	47	57	37	47

(b). **Limits above 1 GHz**

FREQUENCY (MHz)	Class A (at 3m) dBµV/m		Class B (at 3m) dBµV/m	
	Peak	Avg	Peak	Avg
1000-3000	76	56	70	50
3000-6000	80	60	74	54

Note:

(1) The limit for radiated test was performed according to CISPR 32.

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

(3) Emission level (dBµV/m)=20log Emission level (uV/m).

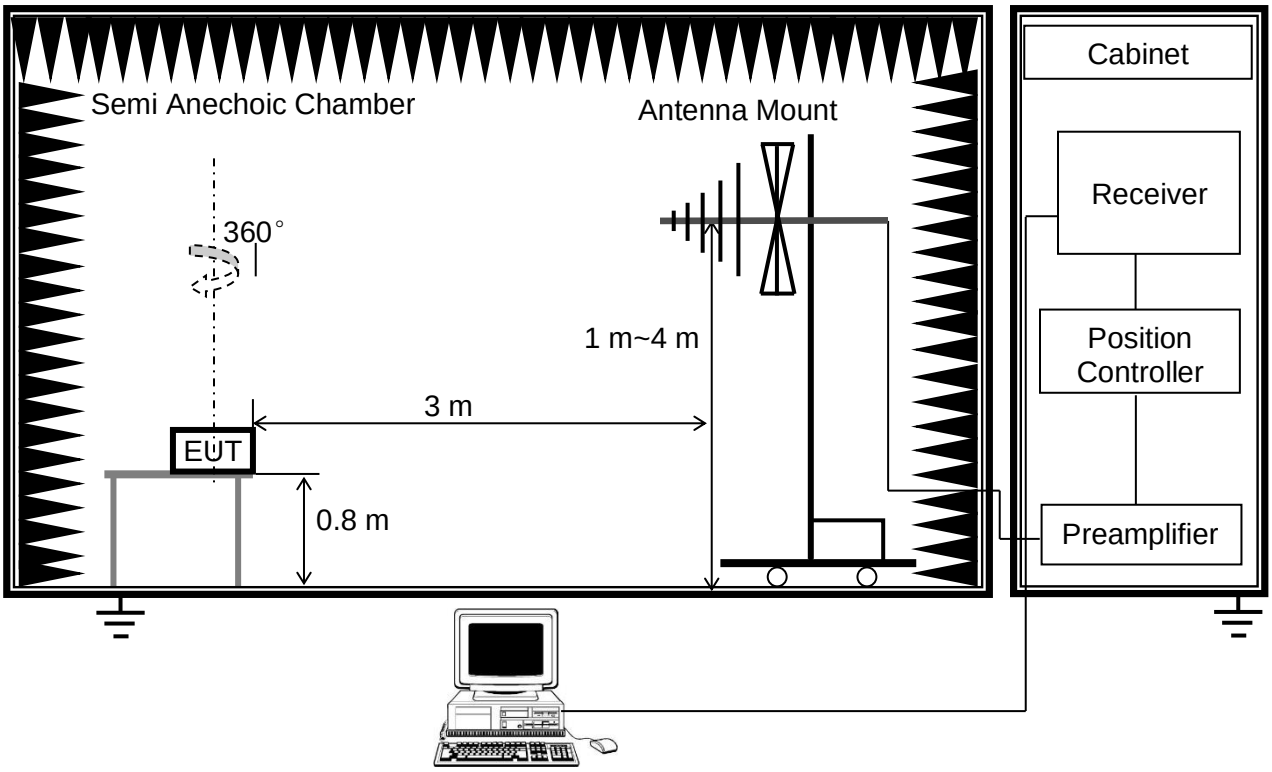
(4) If the highest frequency of the internal sources of the EUT is less than 108 MHz, themeasurement shall only be made up to 1 GHz.If the highest frequency of the internal sources of the EUT is between 108 MHz and 500 MHz, the measurement shall only be made up to 2 GHz.If the highest frequency of the internal sources of the EUT is between 500 MHz and 1 GHz,measurement shall only be made up to 5 GHz. If the highest frequency of the internal sources of the EUT is above 1 GHz, the measurement shall be made up to 5 times the highest frequency or 6 GHz, whichever is less.

Test Procedure

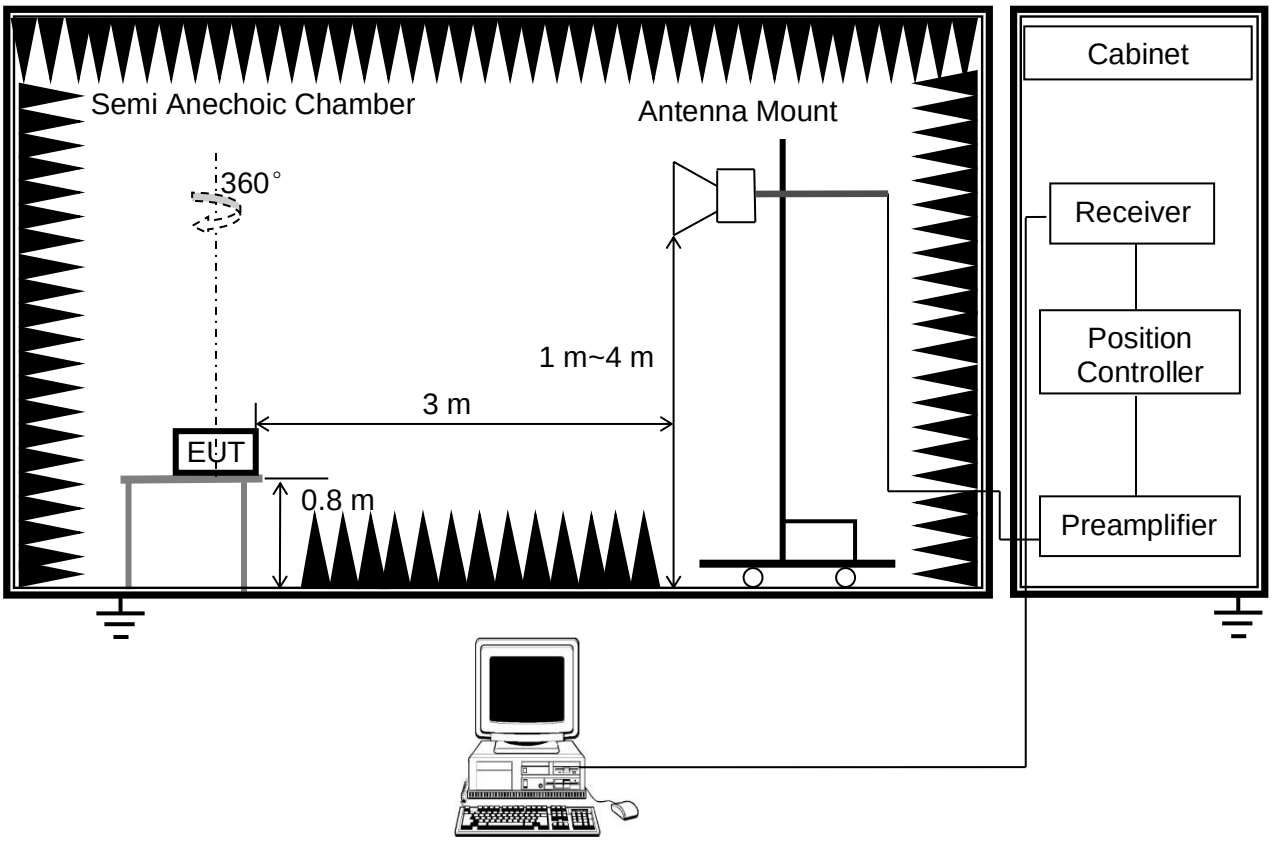
a. The measuring distance at 3 m shall be used for measurements.
b. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
c. The height of the equipment shall be 0.8 m; the height of the test antenna shall vary between 1 m to 4 m. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
d. For the actual test configuration, please refer to the related Item: Photographs of Test Configuration.

Test Setup

(a) Radiated Emissions Test Set-Up Frequency 30 MHz-1 GHz



(b) Radiated Emissions Test Set-Up Frequency above 1 GHz



For the actual test configuration, please refer to Appendix I: Photographs of Test Configuration

ENVIRONMENT

Temperature	24℃	Relative Humidity	60%
Atmosphere Pressure	101kPa		

TEST DATE / ENGINEER

Test Date	May 19, 2025	Test By	Stipe Zheng

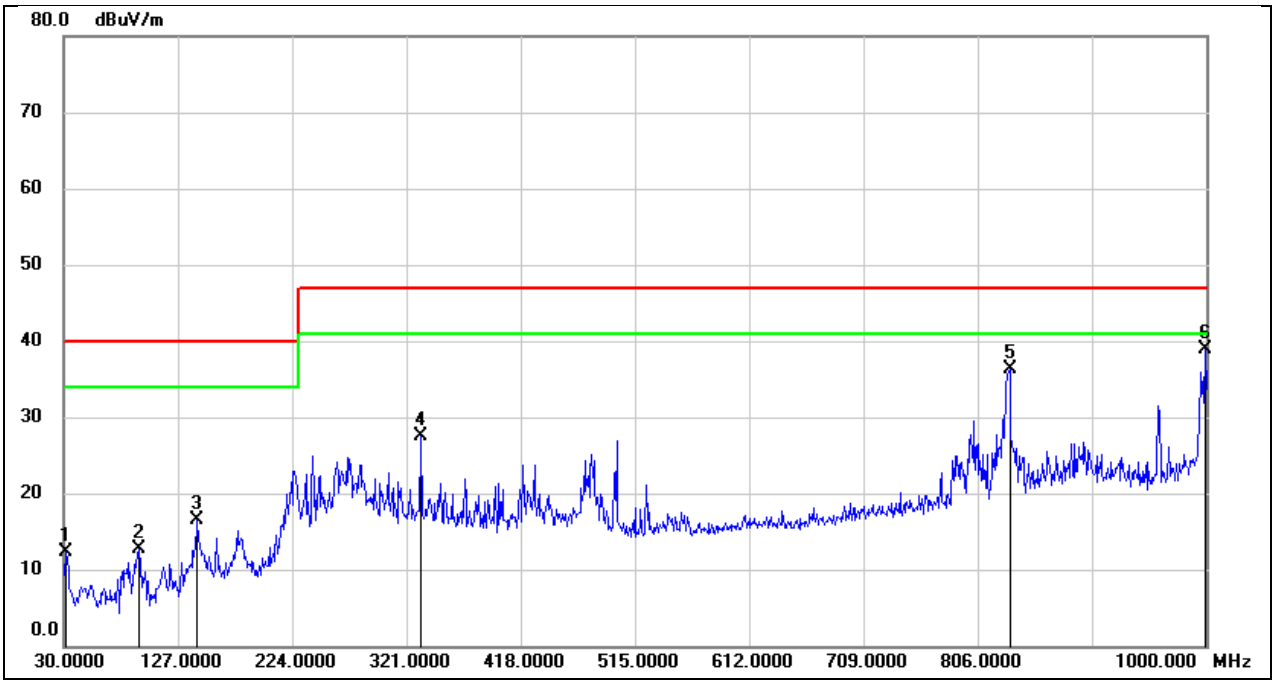
TEST MODE

Pre-test Mode:	M01 ~ M02
Final Test Mode:	M02

Note: All test modes had been tested, but only the worst data recorded in the report.

TEST RESULTS UP TO 1 GHZ

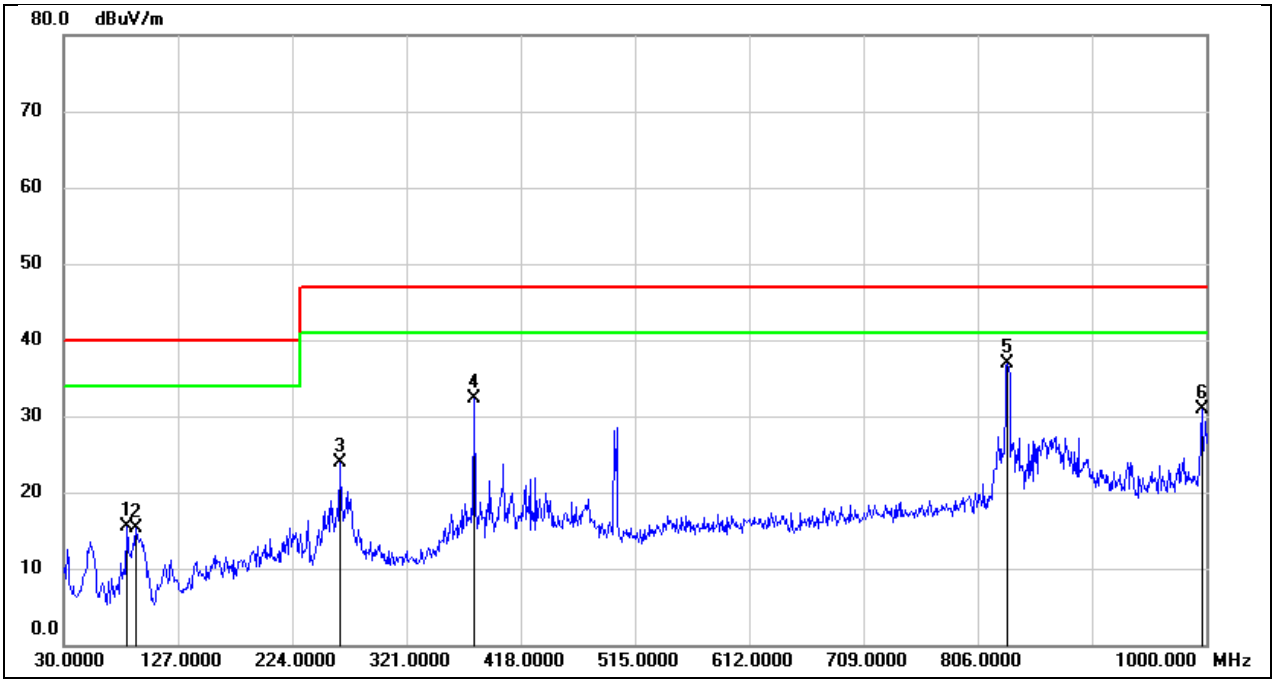
Test Mode:	M02	Polarity:	Horizontal
Test Voltage:	DC5V		



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	31.9400	26.98	-14.70	12.28	40.00	-27.72	QP
2	94.0199	29.86	-17.07	12.79	40.00	-27.21	QP
3	143.4900	31.04	-14.52	16.52	40.00	-23.48	QP
4	333.6099	38.87	-11.32	27.55	47.00	-19.45	QP
5	833.1599	39.81	-3.57	36.24	47.00	-10.76	QP
6	999.0300	41.00	-2.12	38.88	47.00	-8.12	QP

Note: 1. Result = Reading +Correct (Amplifier Factor + Cable Loss + Antenna Factor)
2. Margin = Result - Limit

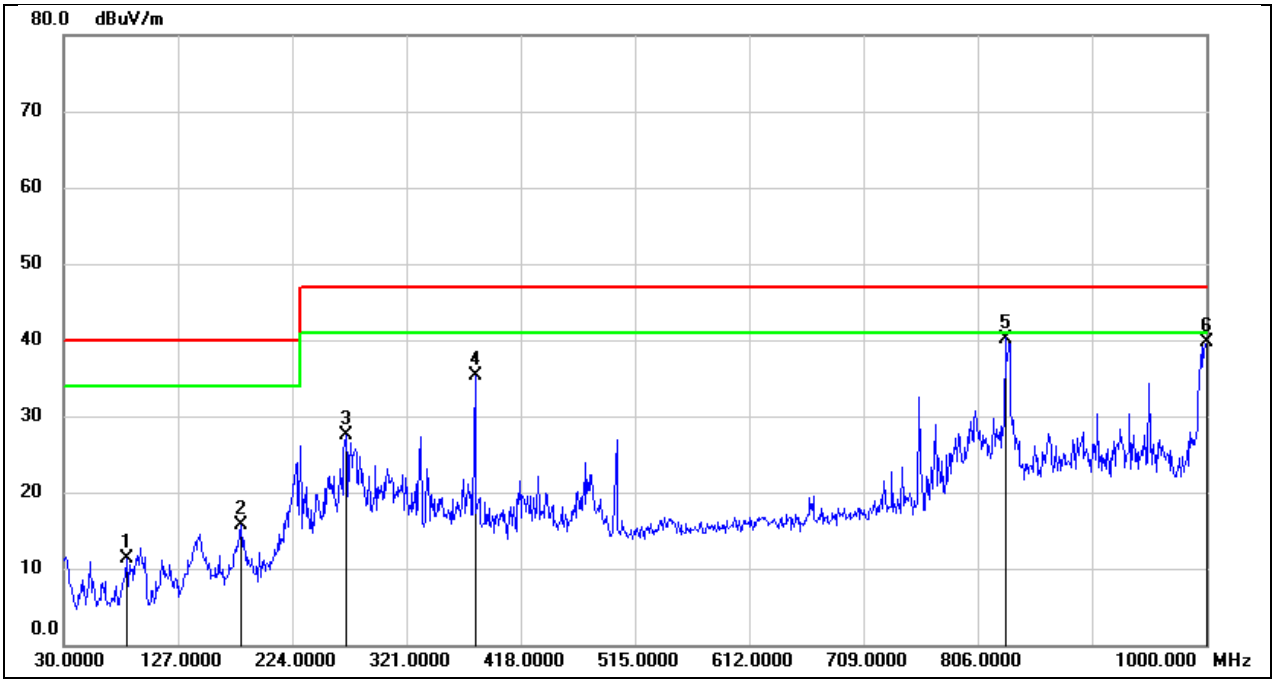
Test Mode:	M02	Polarity:	Vertical
Test Voltage:	DC5V		



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	83.3500	32.41	-16.82	15.59	40.00	-24.41	QP
2	91.1100	32.46	-17.20	15.26	40.00	-24.74	QP
3	264.7400	38.60	-14.68	23.92	47.00	-23.08	QP
4	378.2300	43.10	-10.82	32.28	47.00	-14.72	QP
5	831.2199	40.55	-3.62	36.93	47.00	-10.07	QP
6	996.1200	32.99	-2.15	30.84	47.00	-16.16	QP

Note: 1. Result = Reading +Correct (Amplifier Factor + Cable Loss + Antenna Factor)
2. Margin = Result - Limit

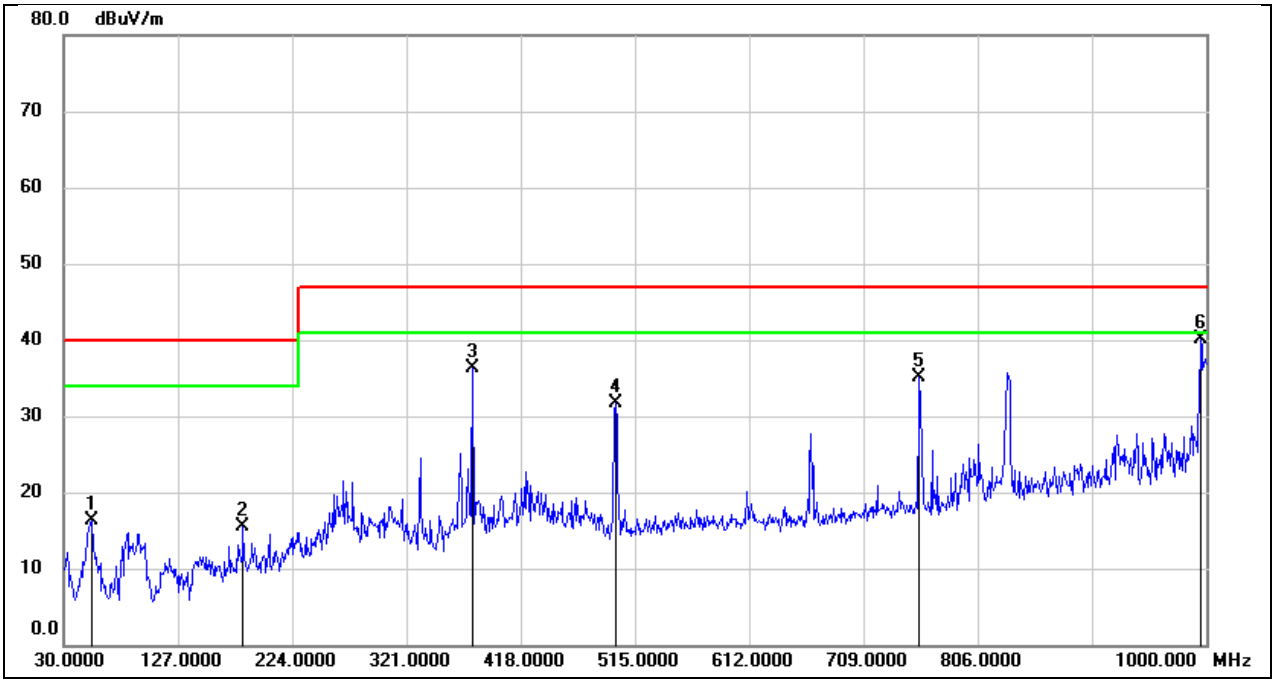
Test Mode:	M02	Polarity:	Horizontal
Test Voltage:	DC5V		



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	83.3500	28.17	-16.82	11.35	40.00	-28.65	QP
2	180.3500	28.25	-12.62	15.63	40.00	-24.37	QP
3	269.5900	41.97	-14.39	27.58	47.00	-19.42	QP
4	379.2000	46.20	-10.81	35.39	47.00	-11.61	QP
5	829.2800	43.87	-3.67	40.20	47.00	-6.80	QP
6	1000.0000	41.87	-2.10	39.77	47.00	-7.23	QP

Note: 1. Result = Reading +Correct (Amplifier Factor + Cable Loss + Antenna Factor)
2. Margin = Result - Limit

Test Mode:	M02	Polarity:	Vertical
Test Voltage:	DC5V		

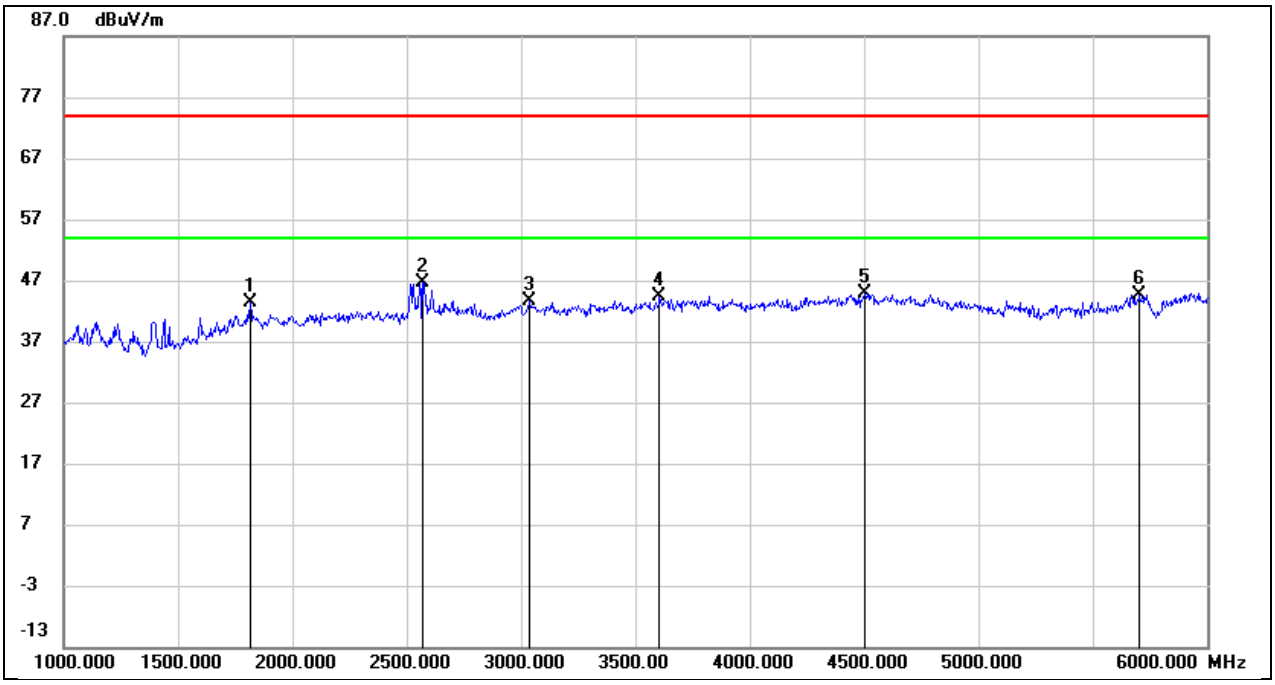


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	54.2500	31.69	-15.46	16.23	40.00	-23.77	QP
2	182.2899	28.10	-12.65	15.45	40.00	-24.55	QP
3	377.2600	47.09	-10.81	36.28	47.00	-10.72	QP
4	498.5100	40.86	-9.12	31.74	47.00	-15.26	QP
5	756.5300	40.21	-5.10	35.11	47.00	-11.89	QP
6	995.1500	42.29	-2.17	40.12	47.00	-6.88	QP

Note: 1. Result = Reading +Correct (Amplifier Factor + Cable Loss + Antenna Factor)
2. Margin = Result - Limit

TEST RESULTS ABOVE 1 GHZ

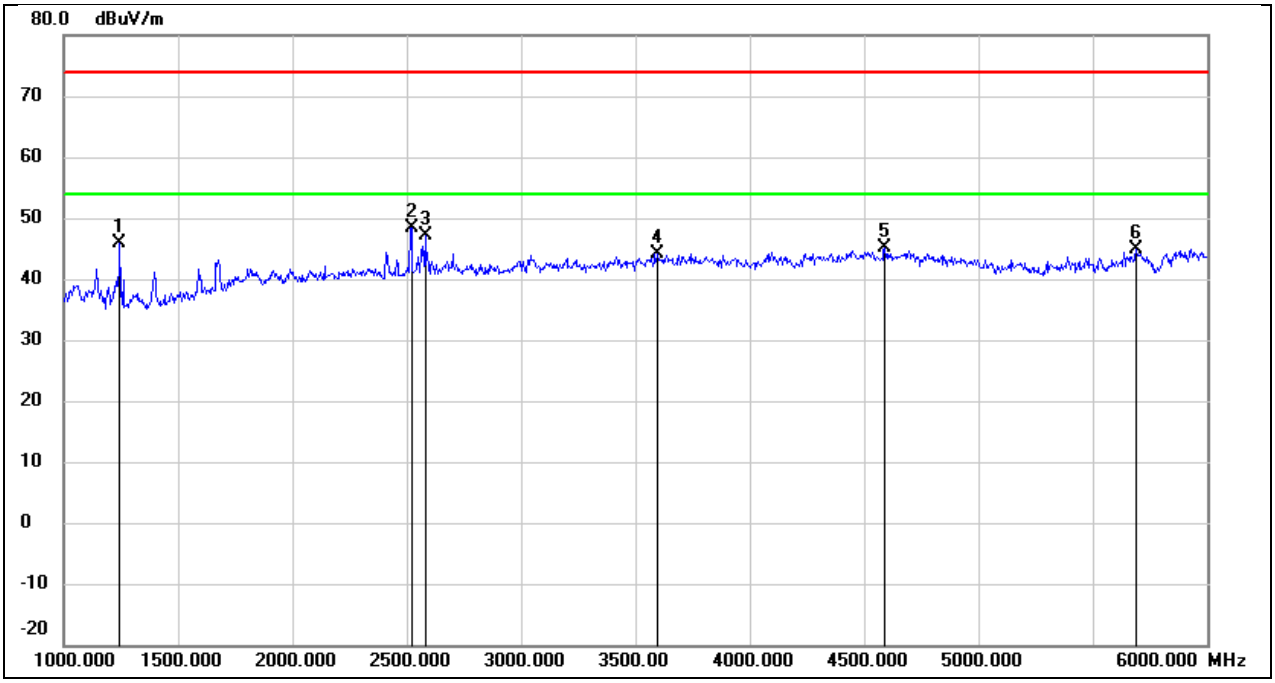
Test Mode:	M02	Polarity:	Horizontal
Test Voltage:	AC 100V_60Hz		



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1815.000	49.14	-5.87	43.27	74.00	-30.73	peak
2	2570.000	50.21	-3.54	46.67	74.00	-27.33	peak
3	3035.000	45.18	-1.52	43.66	74.00	-30.34	peak
4	3605.000	44.82	-0.47	44.35	74.00	-29.65	peak
5	4505.000	43.98	1.01	44.99	74.00	-29.01	peak
6	5705.000	42.08	2.61	44.69	74.00	-29.31	peak

Note: 1. Result = Reading +Correct (Amplifier Factor + Cable Loss + Antenna Factor)
2. Margin = Result - Limit

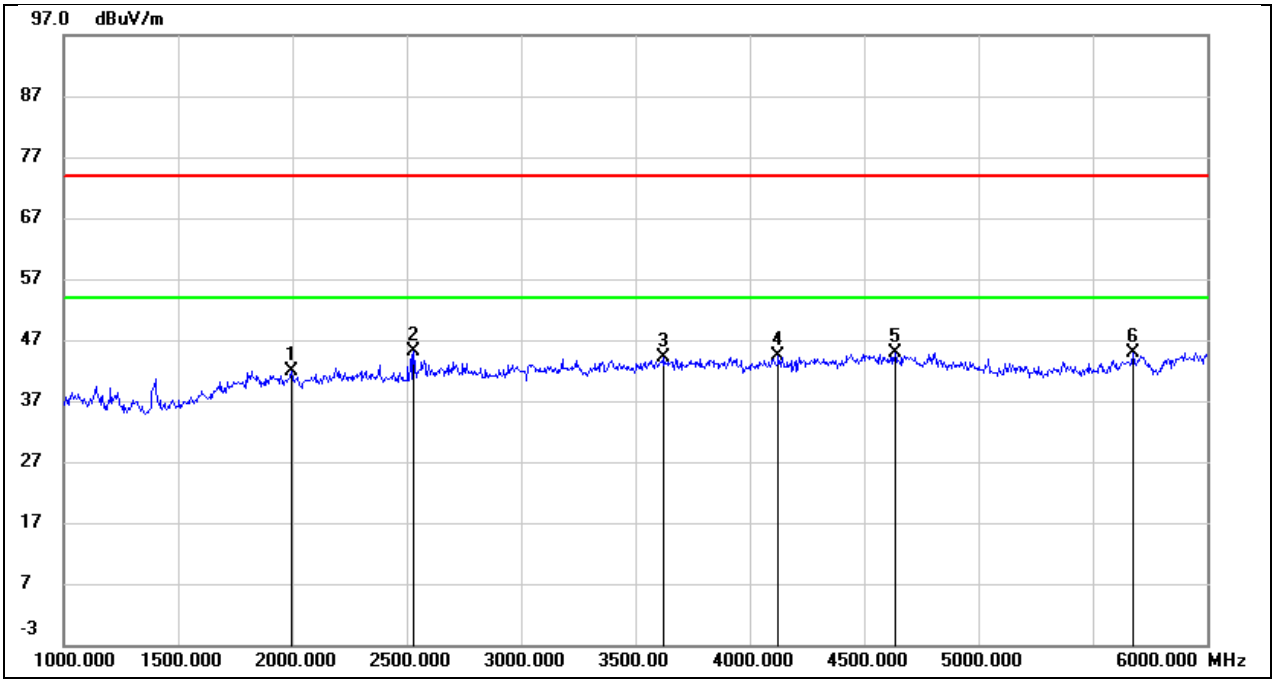
Test Mode:	M02	Polarity:	Vertical
Test Voltage:	AC 100V_60Hz		



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1245.000	55.73	-9.81	45.92	74.00	-28.08	peak
2	2520.000	52.13	-3.76	48.37	74.00	-25.63	peak
3	2580.000	50.61	-3.49	47.12	74.00	-26.88	peak
4	3595.000	44.73	-0.50	44.23	74.00	-29.77	peak
5	4590.000	44.01	1.05	45.06	74.00	-28.94	peak
6	5690.000	42.26	2.58	44.84	74.00	-29.16	peak

Note: 1. Result = Reading +Correct (Amplifier Factor + Cable Loss + Antenna Factor)
2. Margin = Result - Limit

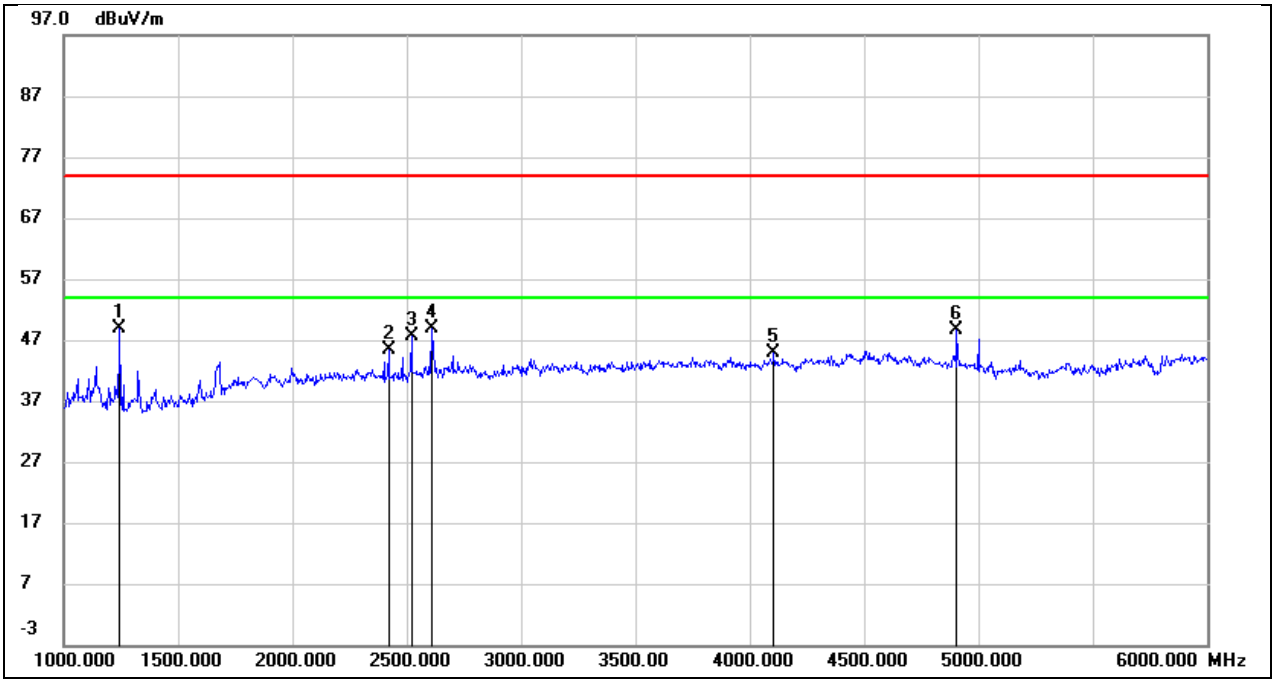
Test Mode:	M02	Polarity:	Horizontal
Test Voltage:	AC 100V_60Hz		



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1995.000	47.29	-5.35	41.94	74.00	-32.06	peak
2	2530.000	48.89	-3.71	45.18	74.00	-28.82	peak
3	3625.000	44.58	-0.45	44.13	74.00	-29.87	peak
4	4125.000	44.20	0.12	44.32	74.00	-29.68	peak
5	4635.000	43.93	1.07	45.00	74.00	-29.00	peak
6	5675.000	42.42	2.55	44.97	74.00	-29.03	peak

Note: 1. Result = Reading +Correct (Amplifier Factor + Cable Loss + Antenna Factor)
2. Margin = Result - Limit

Test Mode:	M02	Polarity:	Vertical
Test Voltage:	AC 100V_60Hz		

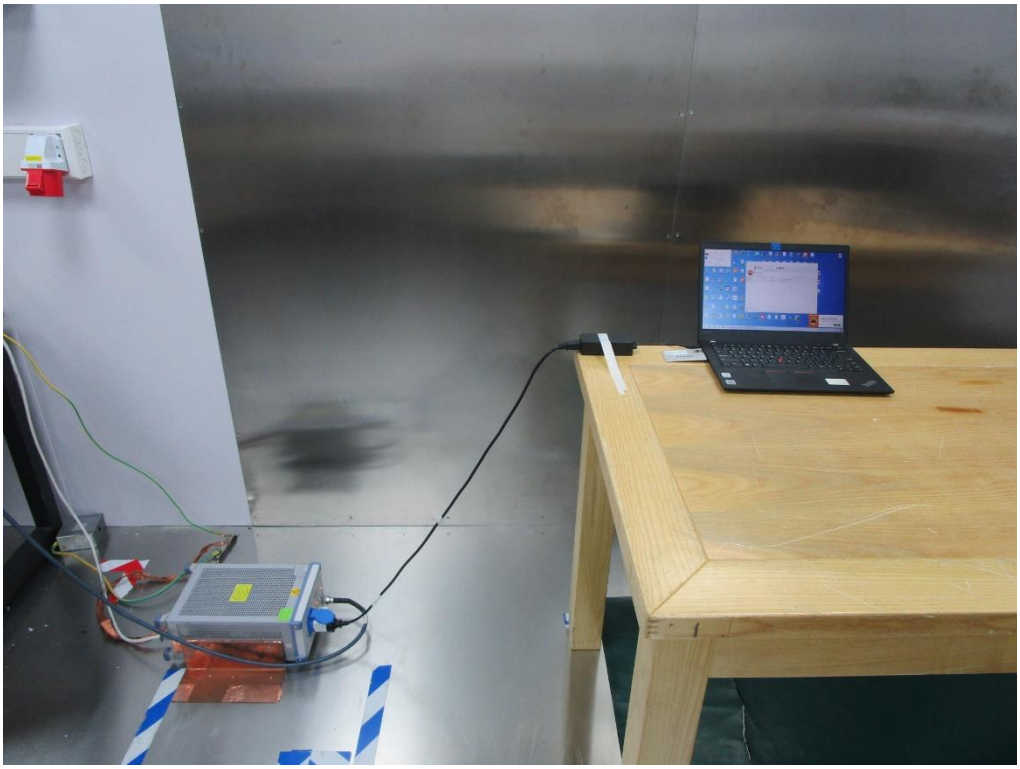


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1245.000	58.66	-9.81	48.85	74.00	-25.15	peak
2	2420.000	49.55	-4.07	45.48	74.00	-28.52	peak
3	2520.000	51.41	-3.76	47.65	74.00	-26.35	peak
4	2610.000	52.25	-3.35	48.90	74.00	-25.10	peak
5	4105.000	44.86	0.08	44.94	74.00	-29.06	peak
6	4905.000	47.48	1.18	48.66	74.00	-25.34	peak

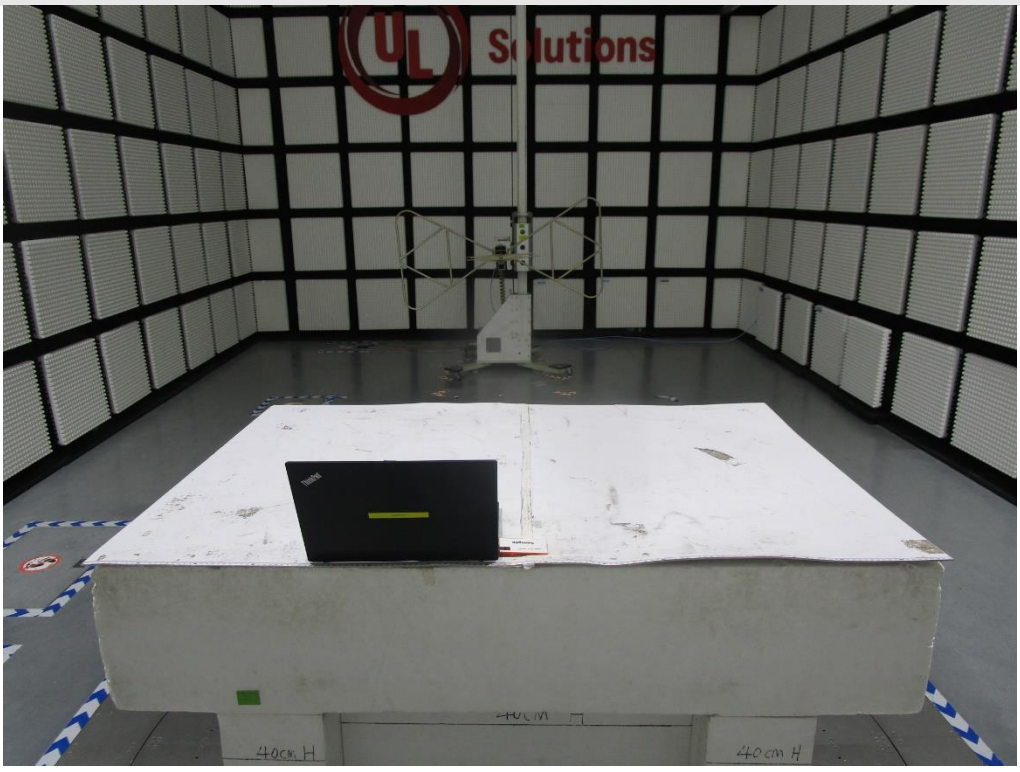
Note: 1. Result = Reading +Correct (Amplifier Factor + Cable Loss + Antenna Factor)
2. Margin = Result - Limit

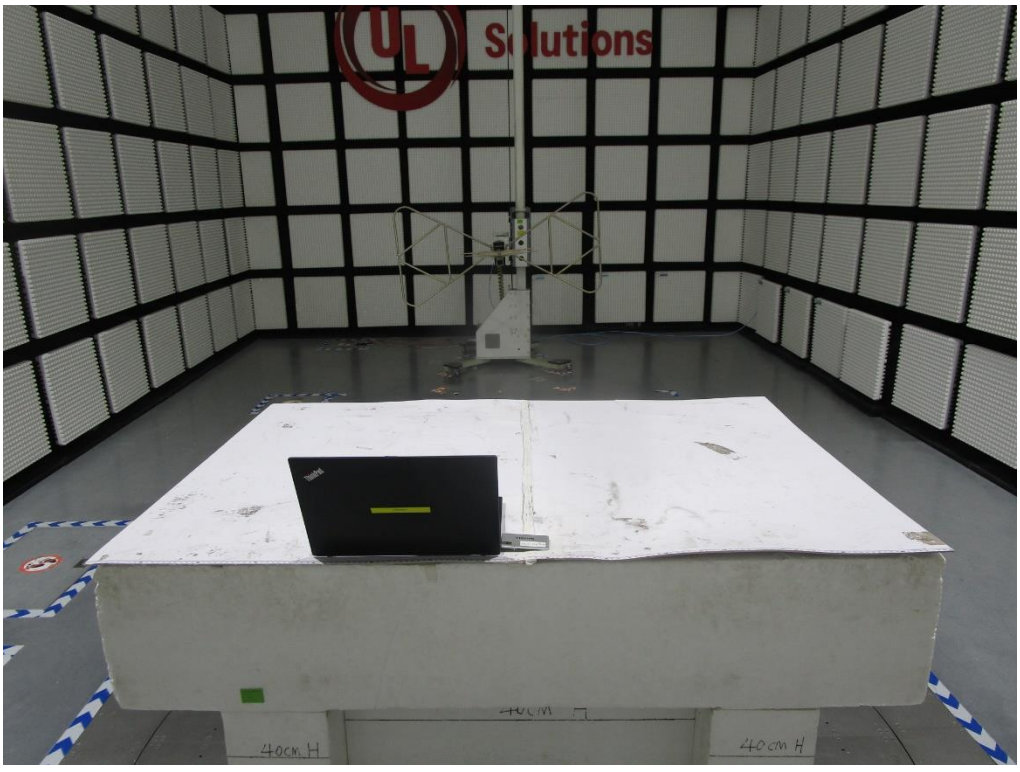
APPENDIX: PHOTOGRAPHS OF TEST CONFIGURATION

Conducted emissions (AC mains power ports)

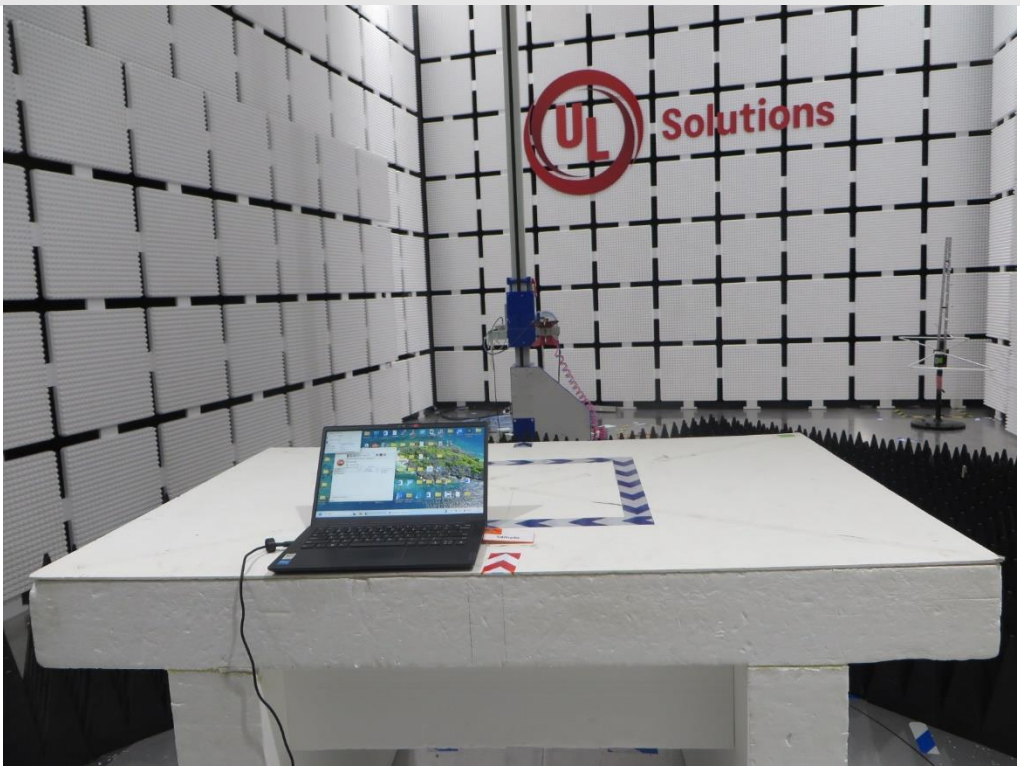


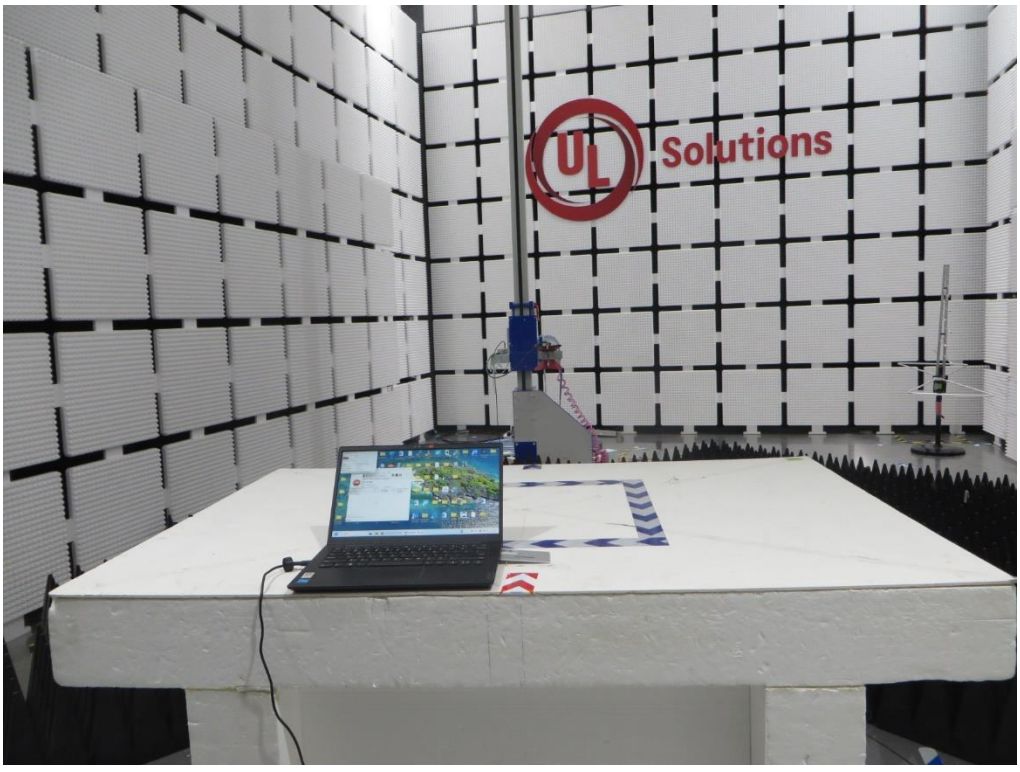
Radiated emissions below 1GHz

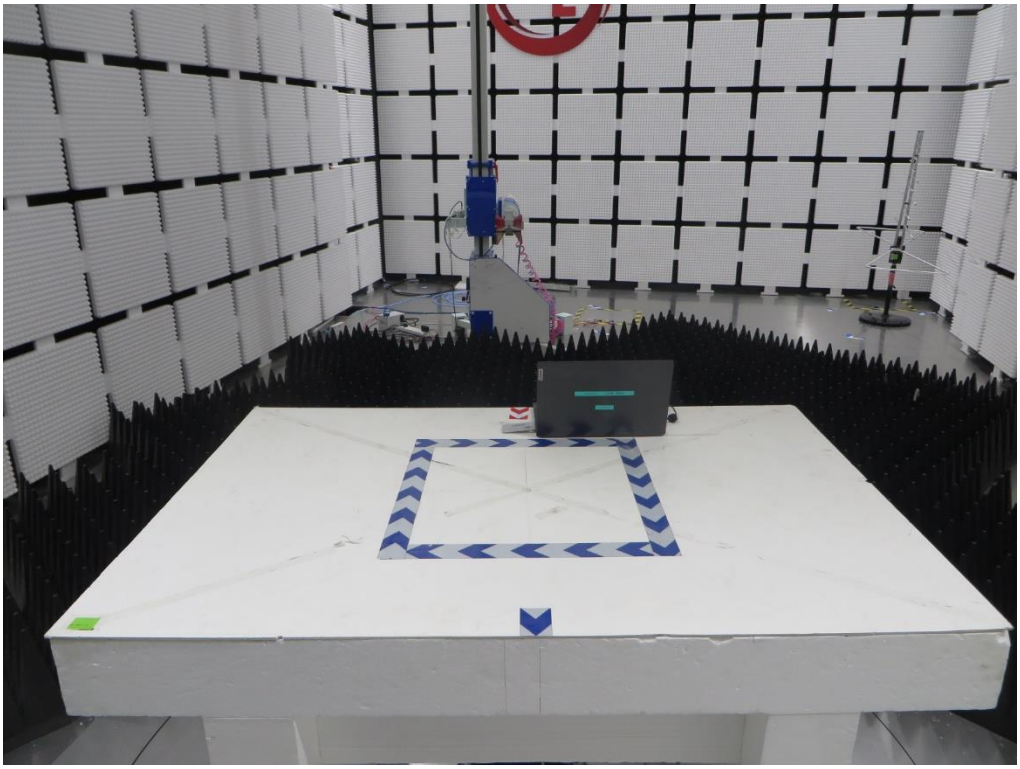


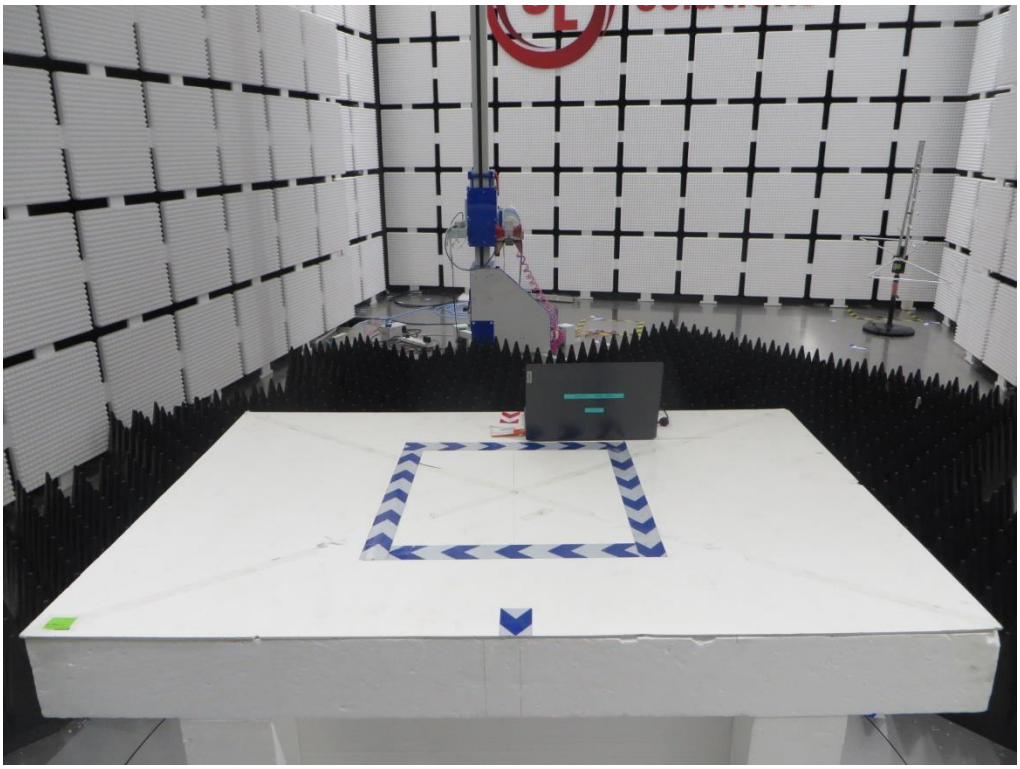


Radiated emissions above 1GHz



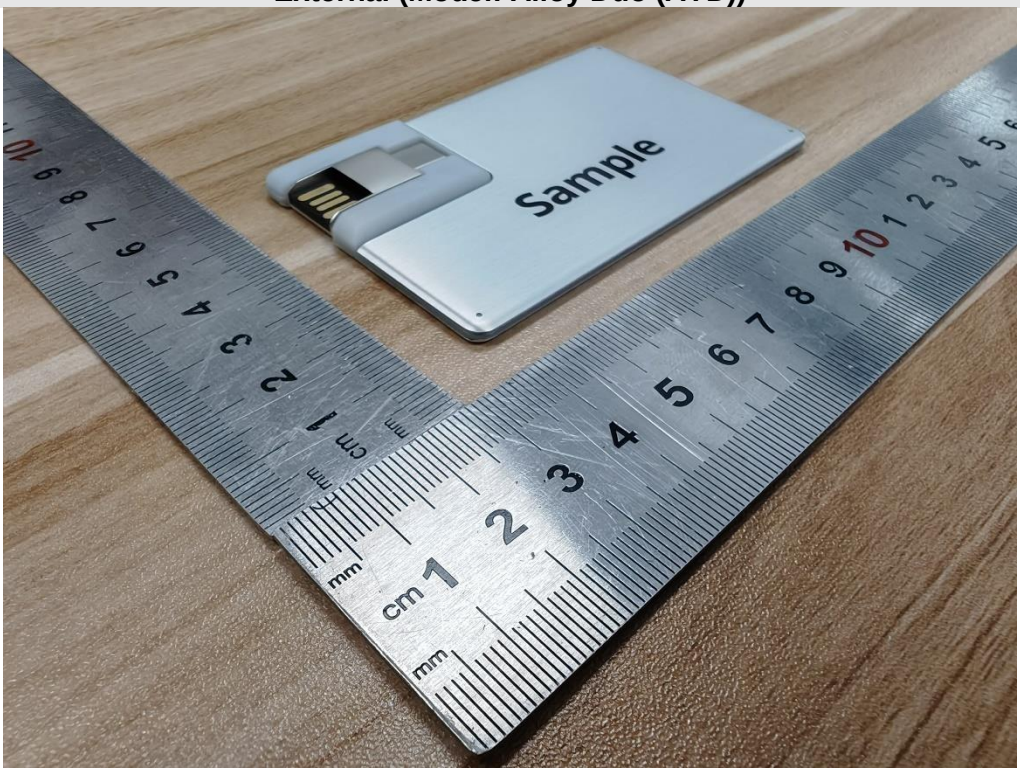


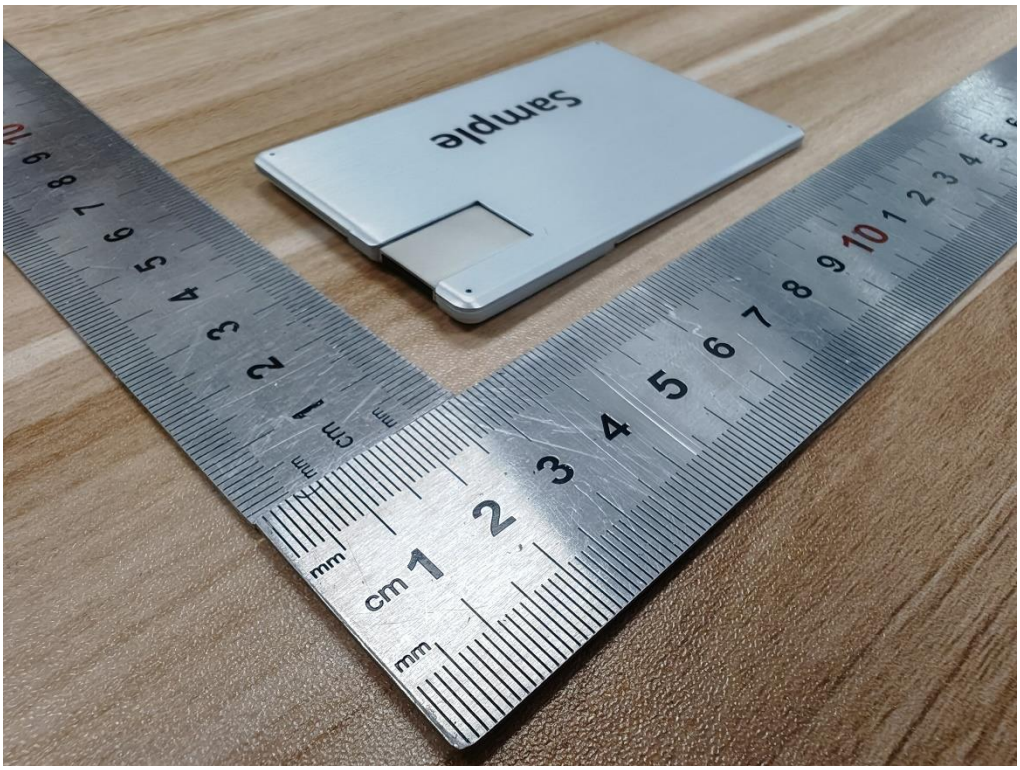




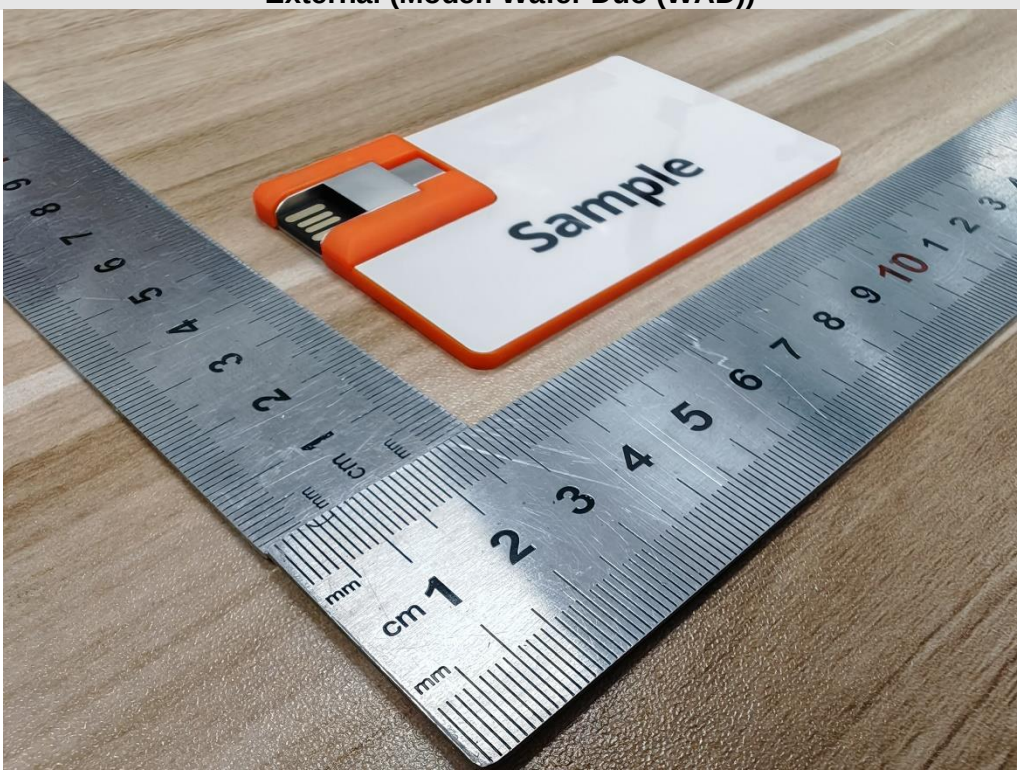
APPENDIX: PHOTOGRAPHS OF THE EUT

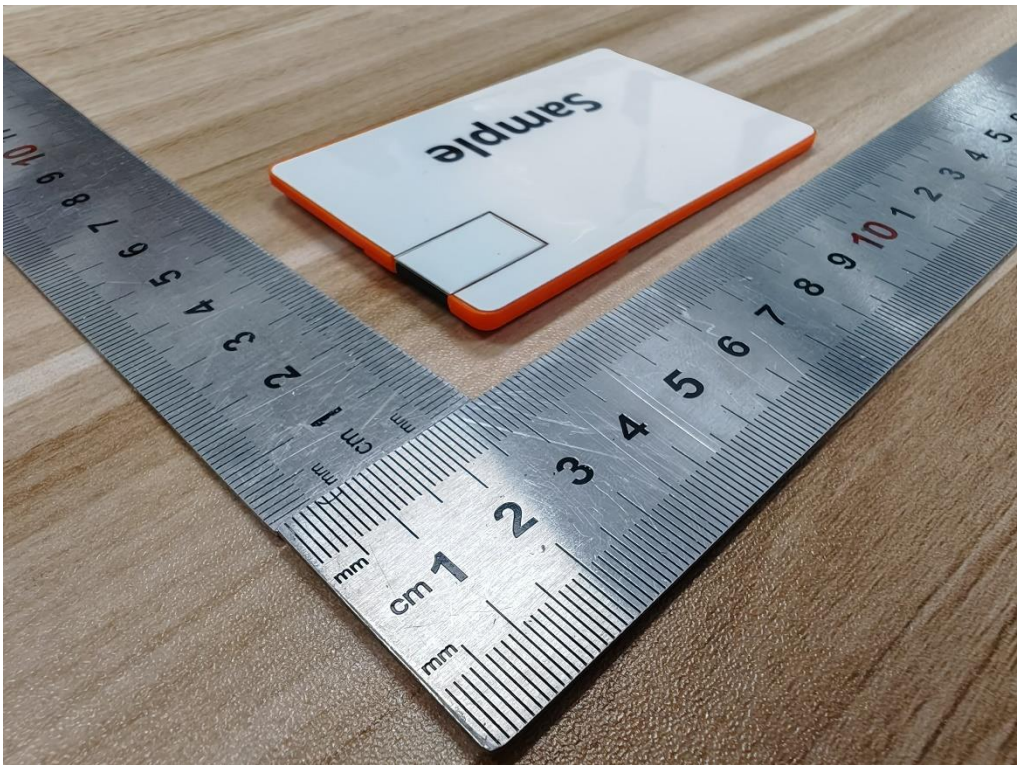
External (Model: Alloy Duo (AYD))





External (Model: Wafer Duo (WAD))





END OF REPORT