TEST REPORT

Applicant/Manufacturer:	Shenzhen Youmi Intelligent Technology Co., Ltd.
Address :	406-407 Jinqi Zhigu Building, 4/F, 1 Tangling Road, Nanshan District, Shenzhen City, China
Report Number :	SZ1230620-35489E-EM-00

Test Standard (s)

FCC Part 15, Subpart B (Class B)

Sample Description

Product Type:	Smart phone
Model No.:	G5A
Multiple Model(s) No.:	N/A
Trade Mark:	UMIDIGI
Date Received:	2023/06/20
Report Date:	2023/07/21

Test Result:	Pass*

* In the configuration tested, the EUT complied with the standards above.

Prepared and Checked By:

Haiguo Li
EMC Engineer

Approved By:

Moon Liu
EMC Supervisor

Note: BACL is not responsible for the authenticity of any test data provided by the applicant. Data included from the applicant that may affect test results are marked with an asterisk '*'. Customer model name, addresses, names, trademarks etc. are not considered data.

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DOCUMENT REVISION HISTORY

Revision Number	Report Number	Description of Revision	Date of Revision
0	SZ1230620-35489E-EM-00	Original Report	2023/07/21

GENERAL INFORMATION

Product Description for Equipment under Test (EUT)

Voltage Range	DC 5V from adapter or DC 3.85V from battery
Highest operating frequency	5.8GHz
Sample number	2823-1: Smart phone 2823-2: USB cable 2823-3: Huajin adapter 2823-4: Huafeng adapter (Assigned by BACL, Shenzhen)
Huajin Adapter information	Model: HJ-0502000W2-US Input: 100-240V~50/60Hz, 0.3A Output: DC 5V, 2A
Huafeng Adapter information	Model: HF-0502000U Input: 100-240V~50/60Hz, 0.3A Output: DC 5.0V, 2A
Sample/EUT Status	Good condition

Objective

This test report is in accordance with Part 2-Subpart J, Part 15B Subparts A and B of the Federal Communication Commissions rules.

The objective of the manufacturer is to determine the compliance of the EUT with FCC Part 15B.

Measurement Uncertainty

Item	Frequency Range		Expanded Measurement uncertainty
Conducted Emissions	AC Mains	150 KHz ~30MHz	2.84dB(k=2, 95% level of confidence)
Radiated Disturbance	30MHz~200MHz	Horizontal	4.26dB(k=2, 95% level of confidence)
	30MHz~200MHz	Vertical	4.14dB(k=2, 95% level of confidence)
	200MHz~1000MHz	Horizontal	4.64dB(k=2, 95% level of confidence)
	200MHz~1000MHz	Vertical	4.42dB(k=2, 95% level of confidence)
	1GHz~6GHz	/	4.96dB(k=2, 95% level of confidence)
	6GHz~18GHz	/	5.00dB(k=2, 95% level of confidence)
	18GHz~40GHz	/	5.54dB(k=2, 95% level of confidence)

Note: The extended uncertainty given in this report is obtained by combining the standard uncertainty times the coverage factor K with the 95% confidence interval. Otherwise required by the applicant or Product Regulations, Decision Rule in this report did not consider the uncertainty.

Test Facility

The Test site used by Bay Area Compliance Laboratories Corp. (Shenzhen) to collect test data is located on the 5F(B-West) , 6F, 7F, the 3rd Phase of Wan Li Industrial Building D, Shihua Rd, FuTian Free Trade Zone, Shenzhen, China.

Each test item follows test standards and with no deviation.

SYSTEM TEST CONFIGURATION

Description of Test Configuration

The system was configured for testing in normal condition.

Test Mode 1: Charging & Playing

Test Mode 2: Downloading

EUT exercise software

No exercise software was used.

Equipment Modifications

No modification was made to the EUT tested.

Support Equipment List and Details

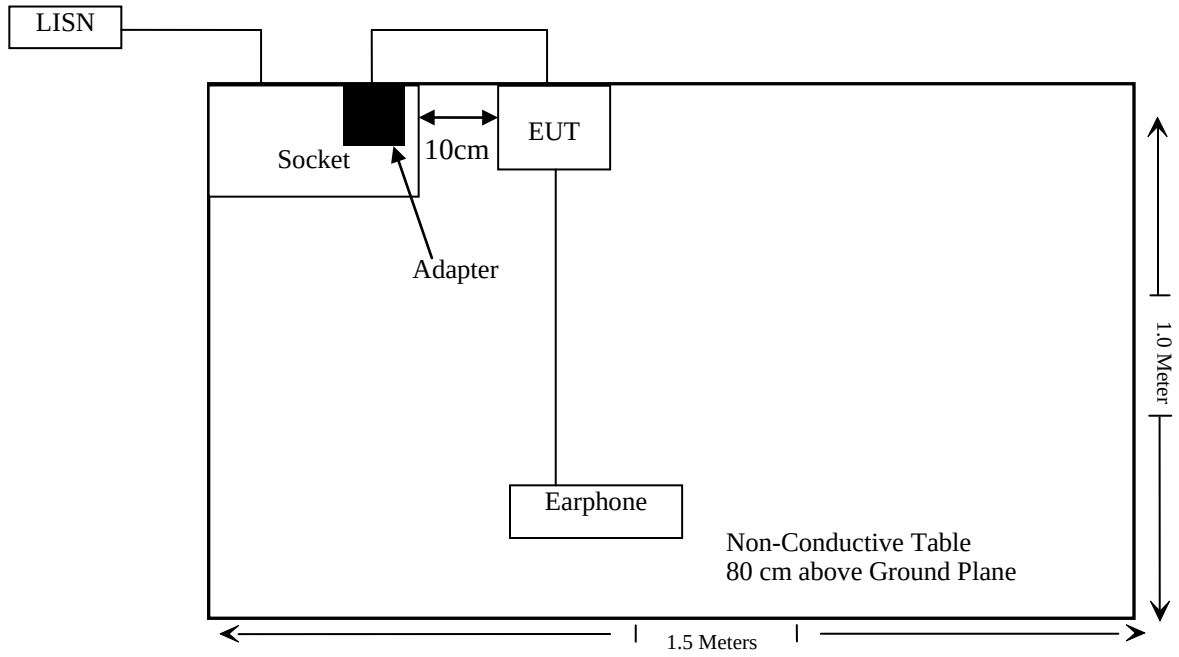
Manufacturer	Description	Model	Serial Number
OUPU	Socket	PDU-OP1606K	6971041358020
DELL	PC	Latitude E5430	JG3NLV1
DELL	PC Adapter	Y4M8K	Unknown
Unknown	Earphone	Unknown	Unknown

External I/O Cable

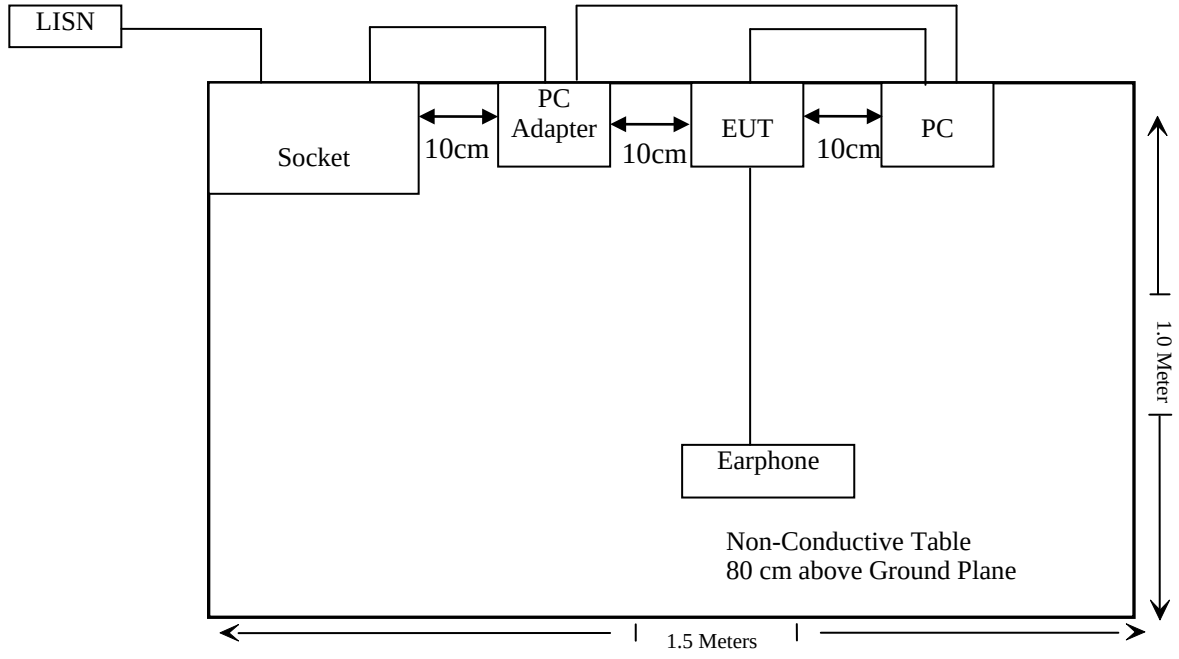
Cable Description	Length (m)	From/Port	To
Unshielded un-detachable AC cable	1.0	Socket	LISN
Shielded detachable USB cable	1.0	Adapter	EUT
Unshielded un-detachable Audio cable	0.8	EUT	Earphone
Shielded detachable USB cable	1.0	PC	EUT
Unshielded detachable AC cable	1.0	PC Adapter	Socket
Unshielded un-detachable DC cable	0.6	PC	PC Adapter

Block Diagram of Test Setup

Test Mode 1: Charging & Playing



Test Mode 2: Downloading



SUMMARY OF TEST RESULTS

FCC Rules	Description of Test	Results
§15.107	AC Line Conducted Emissions	Compliant
§15.109	Radiated Emissions	Compliant

TEST EQUIPMENT LIST

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
AC Line Conducted Emission Test					
Rohde & Schwarz	EMI Test Receiver	ESCI	101120	2023/02/08	2024/02/07
Rohde & Schwarz	LISN	ENV216	101613	2023/02/08	2024/02/07
Rohde & Schwarz	Transient Limiter	ESH3Z2	DE25985	2022/11/11	2023/11/10
Unknown	CE Cable	CE Cable	UF A210B-1-0720-504504	2022/11/11	2023/11/10
Rohde & Schwarz	CE Test software	EMC 32	V8.53.0	NCR	NCR
Radiated Emission Test					
R&S	EMI Test Receiver	ESR3	102455	2023/02/08	2024/02/07
Sonoma instrument	Pre-amplifier	310 N	186238	2022/06/08	2024/06/07
Sunol Sciences	Broadband Antenna	JB1	A040904-2	2020/12/22	2023/12/21
Unknown	Cable	Chamber Cable 1	F-03-EM236	2022/11/11	2023/11/10
Unknown	Cable	Chamber Cable 4	EC-007	2022/11/11	2023/11/10
Rohde & Schwarz	Spectrum Analyzer	FSV40	101605	2023/04/18	2024/04/17
COM-POWER	Pre-amplifier	PA-122	181919	2023/06/29	2024/06/28
Sunol Sciences	Horn Antenna	3115	9107-3694	2021/01/15	2024/01/14
Insulted Wire Inc.	RF Cable	SPS-2503-3150	02222010	2022/11/25	2023/11/24
Unknown	RF Cable	W1101-EQ1 OUT	F-19-EM005	2022/11/25	2023/11/24
Audix	EMI Test software	E3	191218(V9)	NCR	NCR
A.H.System	Pre-amplifier	PAM-1840VH	190	2022/08/03	2023/08/02
Electro-Mechanics Co	Horn Antenna	3116	9510-2270	2021/10/21	2024/10/20

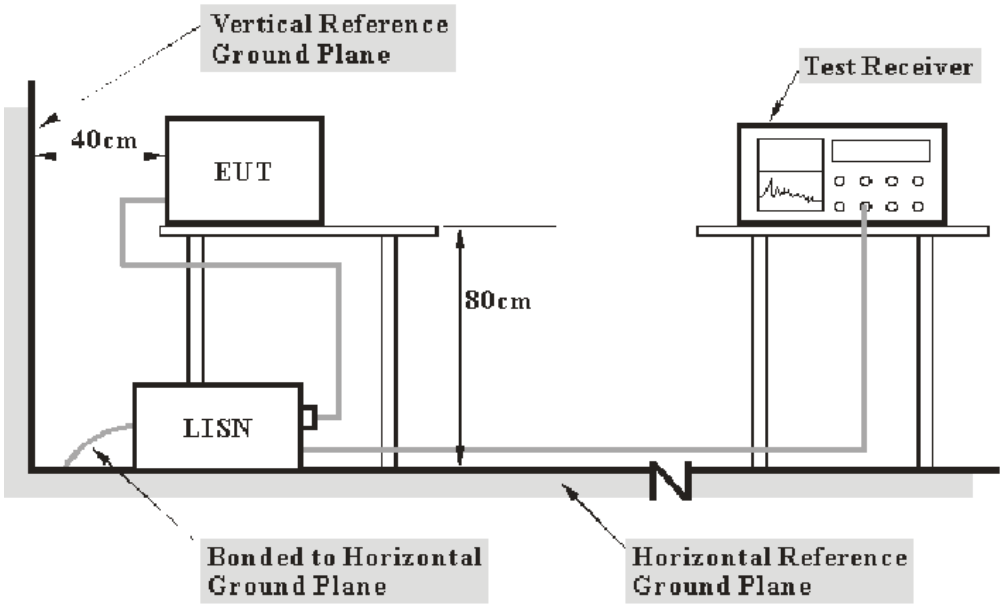
*** Statement of Traceability:** Bay Area Compliance Laboratories Corp. (Shenzhen) attests that all calibrations have been performed in accordance to requirements that traceable to National Primary Standards and International System of Units (SI).

FCC §15.107 - AC LINE CONDUCTED EMISSIONS

Applicable Standard

According to FCC§15.107

EUT Setup



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

The measurement procedure of EUT setup is according with ANSI C63.4-2014. The related limit was specified in FCC Part 15.107.

The external I/O cables were draped along the test table and formed a bundle 30 to 40 cm long in the middle.

The spacing between the peripherals was 10 cm.

EMI Test Receiver Setup

The EMI test receiver was set to investigate the spectrum from 150 kHz to 30 MHz.

During the conducted emission test, the EMI test receiver was set with the following configurations:

Frequency Range	IF B/W
150 kHz – 30 MHz	9 kHz

Test Procedure

Maximizing procedure was performed on the six (6) highest emissions of the EUT.

All final data was recorded in the Quasi-peak and average detection mode.

Corrected Factor & Margin Calculation

The Corrected factor is calculated by adding LISN/ISN VDF (Voltage Division Factor), Cable Loss and Transient Limiter Attenuation. The basic equation is as follows:

Correction Factor = LISN/ISN VDF + Cable Loss + Transient Limiter Attenuation

The "**Margin**" column of the following data tables indicates the degree of compliance with the applicable limit. For example, a margin of 7dB means the emission is 7 dB below the limit. The equation for margin calculation is as follows:

Margin = Limit – Corrected Amplitude

Test Data

Environmental Conditions

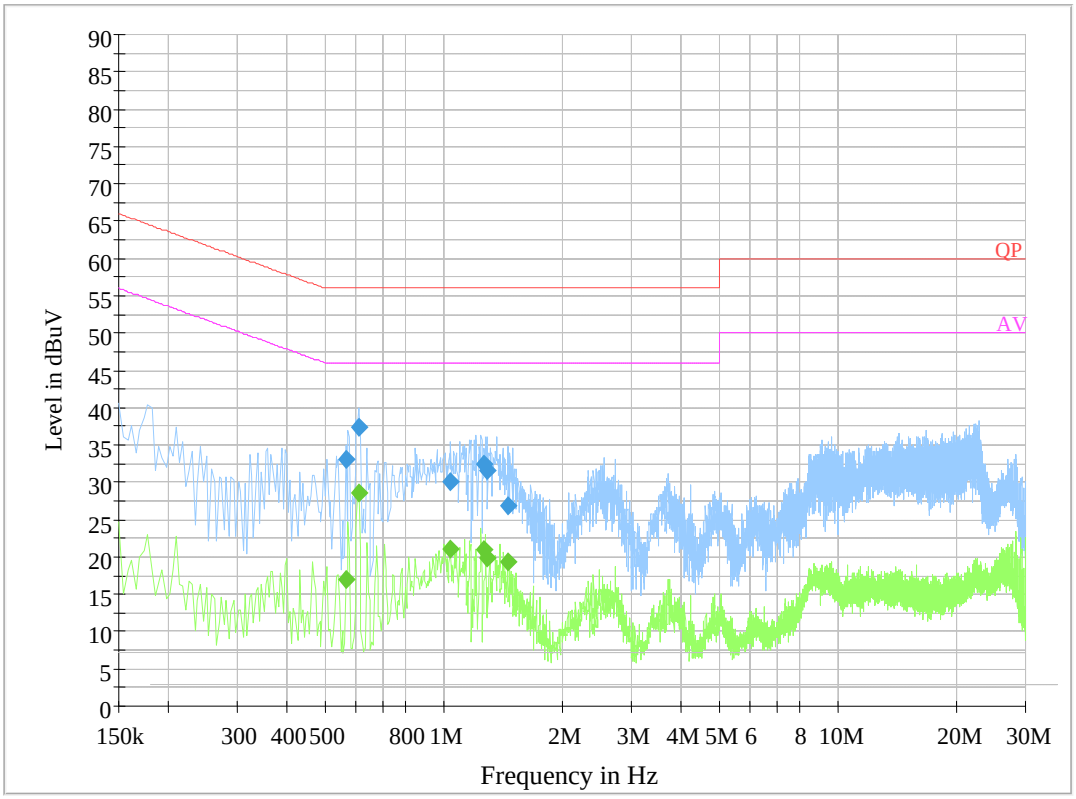
Temperature:	26 ℃
Relative Humidity:	60 %
ATM Pressure:	101.0 kPa

The testing was performed by Macy Shi on 2023-07-16.

Test Mode 1: Charging & Playing

For Huafeng adapter

AC 120V/60 Hz, Line



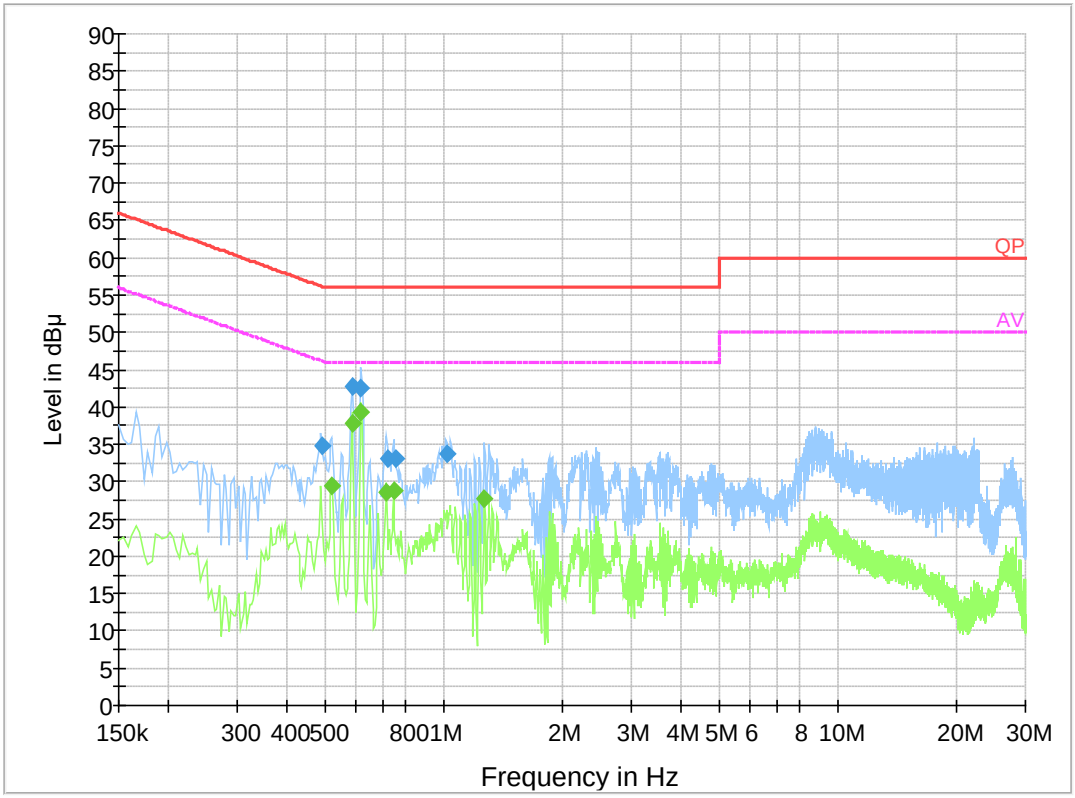
Final Result 1

Frequency (MHz)	QuasiPeak (dBµV)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.569390	33.7	9.000	L1	20.4	22.3	56.0
0.608850	37.3	9.000	L1	20.4	18.7	56.0
1.046310	30.1	9.000	L1	20.4	25.9	56.0
1.264690	32.4	9.000	L1	20.3	23.6	56.0
1.294650	31.5	9.000	L1	20.3	24.5	56.0
1.452130	26.8	9.000	L1	20.4	29.2	56.0

Final Result 2

Frequency (MHz)	Average (dBµV)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.569390	16.9	9.000	L1	20.4	29.1	46.0
0.608850	28.6	9.000	L1	20.4	17.4	46.0
1.046310	21.0	9.000	L1	20.4	25.0	46.0
1.264690	21.5	9.000	L1	20.3	24.5	46.0
1.294650	19.9	9.000	L1	20.3	26.1	46.0
1.452130	19.3	9.000	L1	20.4	26.7	46.0

AC 120V/60 Hz, Neutral



Final Result 1

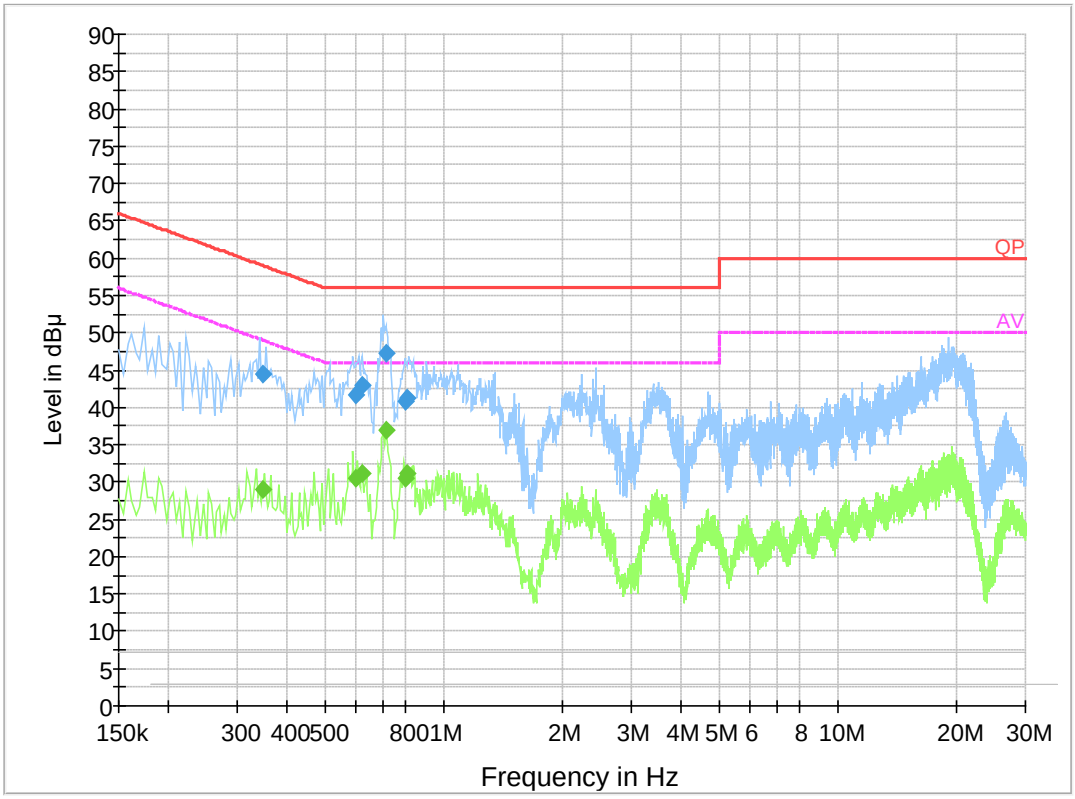
Frequency (MHz)	QuasiPeak (dBµV)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.494650	34.7	9.000	N	20.4	21.4	56.1
0.589210	42.8	9.000	N	20.4	13.2	56.0
0.616730	42.5	9.000	N	20.4	13.5	56.0
0.723290	33.1	9.000	N	20.4	22.9	56.0
0.754750	33.0	9.000	N	20.4	23.0	56.0
1.022790	33.7	9.000	N	20.4	22.3	56.0

Final Result 2

Frequency (MHz)	Average (dBµV)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.522000	29.4	9.000	N	20.4	16.6	46.0
0.586000	37.7	9.000	N	20.4	8.3	46.0
0.618000	39.3	9.000	N	20.4	6.7	46.0
0.718000	28.6	9.000	N	20.4	17.4	46.0
0.750000	28.8	9.000	N	20.4	17.2	46.0
1.270000	27.7	9.000	N	20.4	18.3	46.0

For Huajin adapter

AC 120V/60 Hz, Line



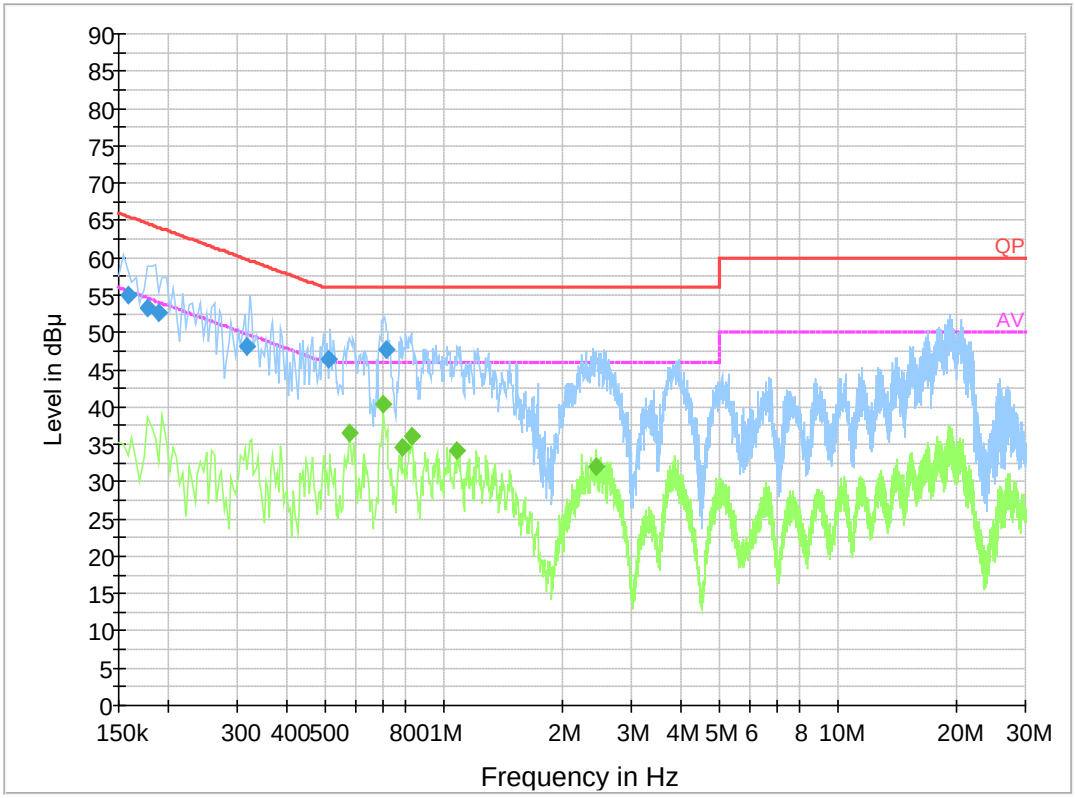
Final Result 1

Frequency (MHz)	QuasiPeak (dBµV)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.347130	44.5	9.000	L1	20.4	14.6	59.0
0.598850	41.7	9.000	L1	20.4	14.3	56.0
0.620670	43.0	9.000	L1	20.5	13.0	56.0
0.716590	47.3	9.000	L1	20.5	8.7	56.0
0.802030	40.8	9.000	L1	20.5	15.2	56.0
0.809730	41.3	9.000	L1	20.5	14.7	56.0

Final Result 2

Frequency (MHz)	Average (dBµV)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.347130	28.9	9.000	L1	20.4	20.1	49.0
0.598850	30.5	9.000	L1	20.4	15.5	46.0
0.620670	31.1	9.000	L1	20.5	14.9	46.0
0.716590	37.0	9.000	L1	20.5	9.0	46.0
0.802030	30.6	9.000	L1	20.5	15.4	46.0
0.809730	31.2	9.000	L1	20.5	14.8	46.0

AC 120V/60 Hz, Neutral



Final Result 1

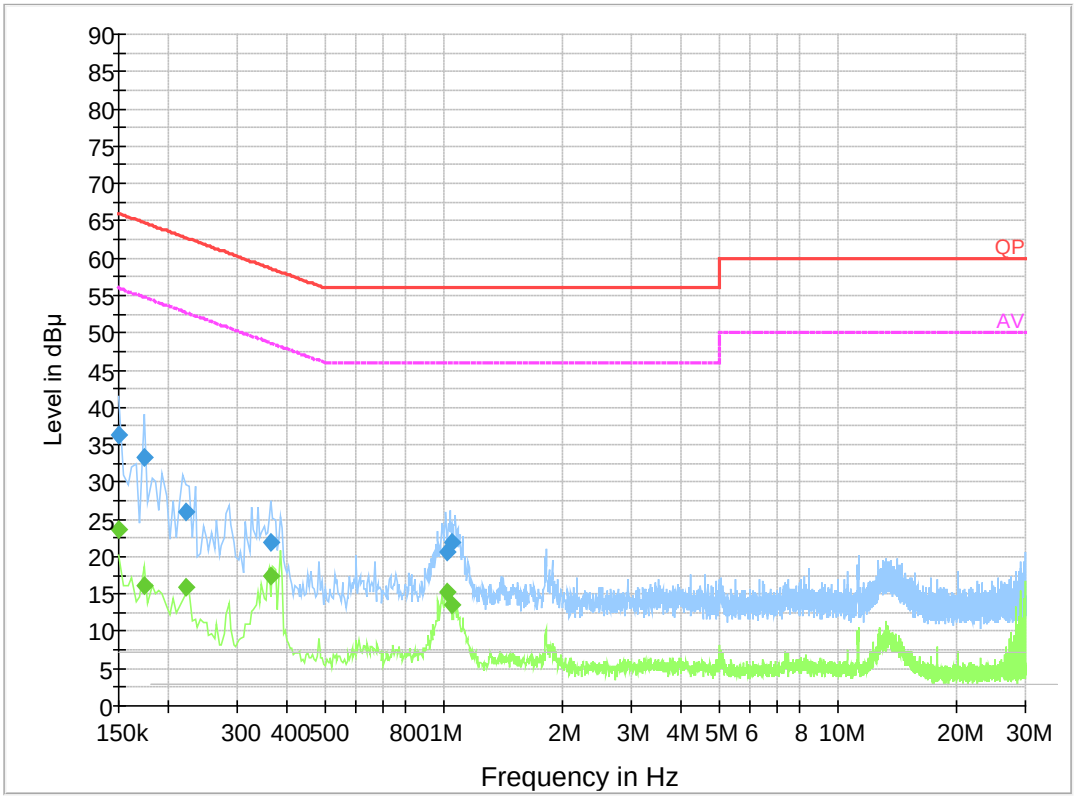
Frequency (MHz)	QuasiPeak (dBµV)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.158500	54.9	9.000	N	20.4	10.6	65.5
0.177500	53.3	9.000	N	20.4	11.3	64.6
0.189500	52.6	9.000	N	20.4	11.5	64.1
0.317170	48.0	9.000	N	20.4	11.7	59.8
0.510230	46.3	9.000	N	20.4	9.7	56.0
0.715350	47.7	9.000	N	20.4	8.3	56.0

Final Result 2

Frequency (MHz)	Average (dBµV)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.578000	36.5	9.000	N	20.4	9.5	46.0
0.706000	40.3	9.000	N	20.4	5.7	46.0
0.786000	34.5	9.000	N	20.4	11.5	46.0
0.834000	36.0	9.000	N	20.4	10.0	46.0
1.086000	34.1	9.000	N	20.4	11.9	46.0
2.450000	32.0	9.000	N	20.5	14.0	46.0

Test Mode 2: Downloading

AC 120V/60 Hz, Line



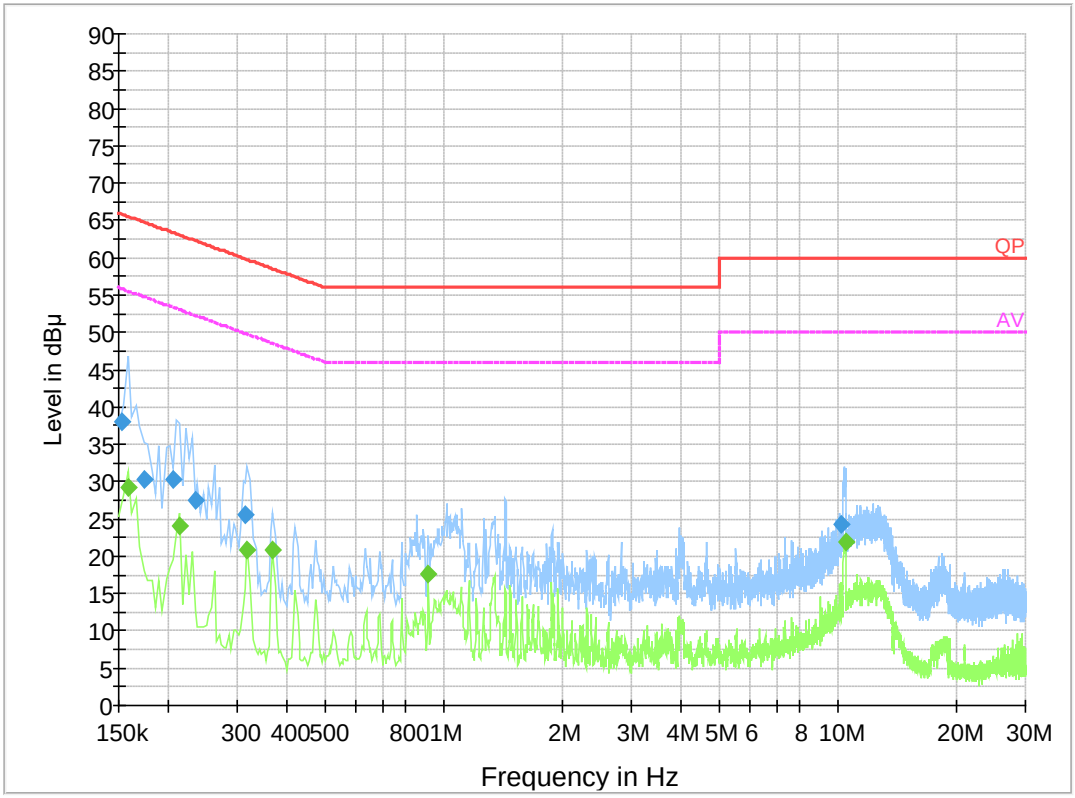
Final Result 1

Frequency (MHz)	QuasiPeak (dBµV)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.150000	36.4	9.000	L1	20.3	29.6	66.0
0.173500	33.2	9.000	L1	20.4	31.6	64.8
0.222500	25.9	9.000	L1	20.3	36.8	62.7
0.364510	21.9	9.000	L1	20.4	36.7	58.6
1.022850	20.7	9.000	L1	20.4	35.3	56.0
1.050370	22.0	9.000	L1	20.4	34.0	56.0

Final Result 2

Frequency (MHz)	Average (dBµV)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.150000	23.7	9.000	L1	20.3	32.3	56.0
0.173500	16.2	9.000	L1	20.4	38.6	54.8
0.222500	16.0	9.000	L1	20.3	36.7	52.7
0.364510	17.5	9.000	L1	20.4	31.1	48.6
1.022850	15.2	9.000	L1	20.4	30.8	46.0
1.050370	13.6	9.000	L1	20.4	32.4	46.0

AC 120V/60 Hz, Neutral



Final Result 1

Frequency (MHz)	QuasiPeak (dBµV)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.153500	38.1	9.000	N	20.4	27.7	65.8
0.173500	30.3	9.000	N	20.4	34.5	64.8
0.205500	30.3	9.000	N	20.4	33.1	63.4
0.234500	27.5	9.000	N	20.4	34.8	62.3
0.313230	25.6	9.000	N	20.3	34.3	59.9
10.258210	24.2	9.000	N	20.5	35.8	60.0

Final Result 2

Frequency (MHz)	Average (dBµV)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.158000	29.2	9.000	N	20.4	26.4	55.6
0.214000	24.2	9.000	N	20.4	28.8	53.0
0.318000	20.8	9.000	N	20.4	29.0	49.8
0.370000	20.9	9.000	N	20.4	27.6	48.5
0.914000	17.6	9.000	N	20.3	28.4	46.0
10.478000	21.9	9.000	N	20.4	28.1	50.0

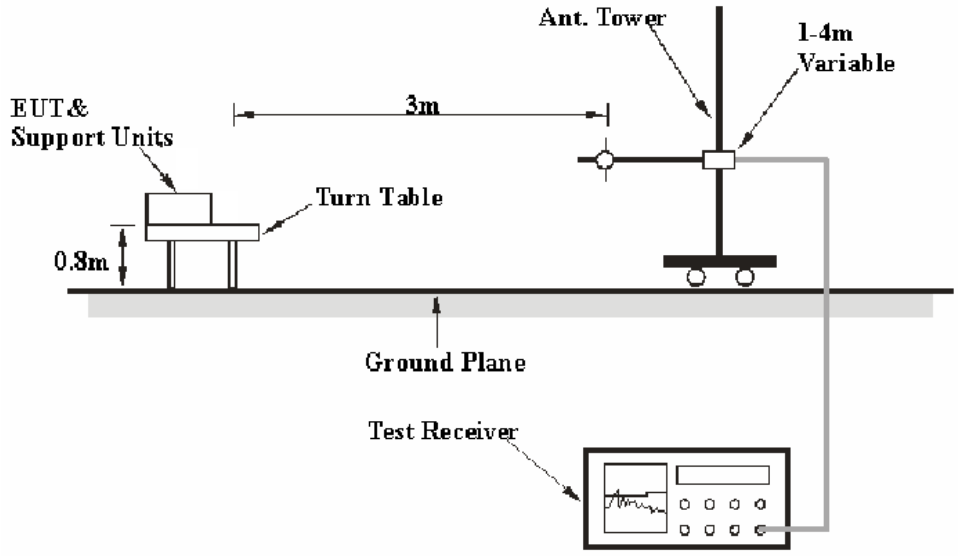
FCC §15.109 - RADIATED EMISSIONS

Applicable Standard

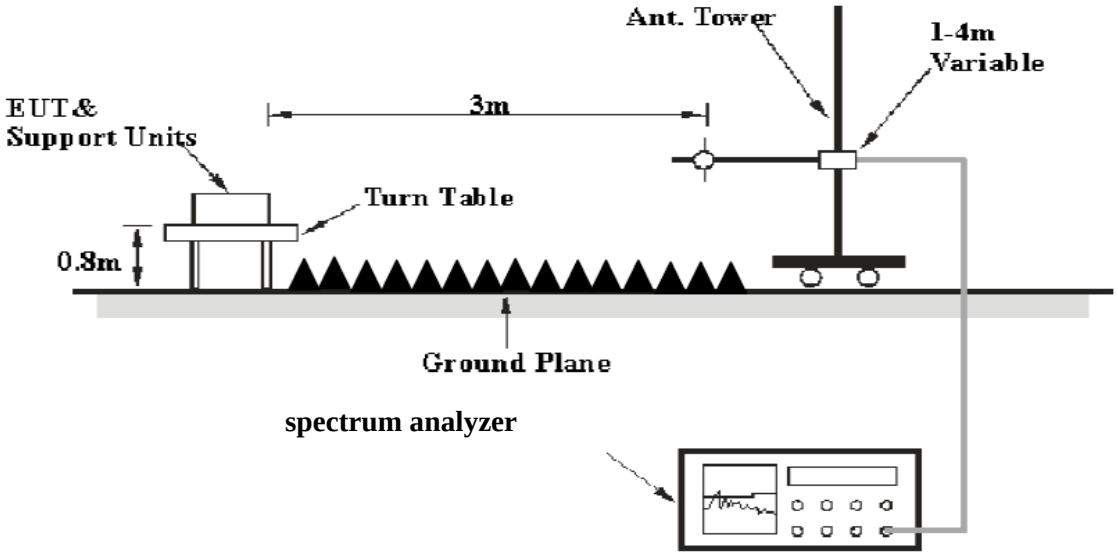
FCC §15.109

EUT Setup

Below 1 GHz



Above 1GHz:



The radiated emission tests were performed in the 3 meters chamber test site, using the setup accordance with the ANSI C63.4-2014. The related limit was specified in FCC Part 15B.

The external I/O cables were draped along the test table and formed a bundle 30 to 40 cm long in the middle.

The spacing between the peripherals was 10 cm.

EMI Test Receiver and Spectrum analyzer Setup

During the radiated emission test, the EMI test receiver and spectrum analyzer setup was set with the following configurations:

Frequency Range	RBW	Video B/W	IF B/W	Measurement
30 MHz – 1000 MHz	100 kHz	300 kHz	120 kHz	QP
Above 1 GHz	1MHz	3 MHz	/	PK
	1MHz	10 Hz	/	Ave.

Test Procedure

Maximizing procedure was performed on the highest emissions to ensure that the EUT complied with all installation combinations.

All data was recorded in the Quasi-peak detector mode from 30 MHz to 1 GHz and PK and average detector modes for frequencies above 1 GHz.

Corrected Amplitude & Margin Calculation

The Corrected Level is calculated by adding the Antenna Factor and Cable Loss, and subtracting the Amplifier Gain from the Read Level. The basic equation is as follows:

Factor = Antenna Factor + Cable Loss - Amplifier Gain

CLevel = Read Level + Correction factor

The "**Over limit**" column of the following data tables indicates the degree of compliance with the applicable limit. For example, an over limit of -6 dB means the emission is 6 dB below the limit for Class B. The equation for margin calculation is as follows:

Over limit = Corrected Level– Limit.

Test Data

Environmental Conditions

Temperature:	25~26 ℃
Relative Humidity:	50~55 %
ATM Pressure:	101.0 kPa

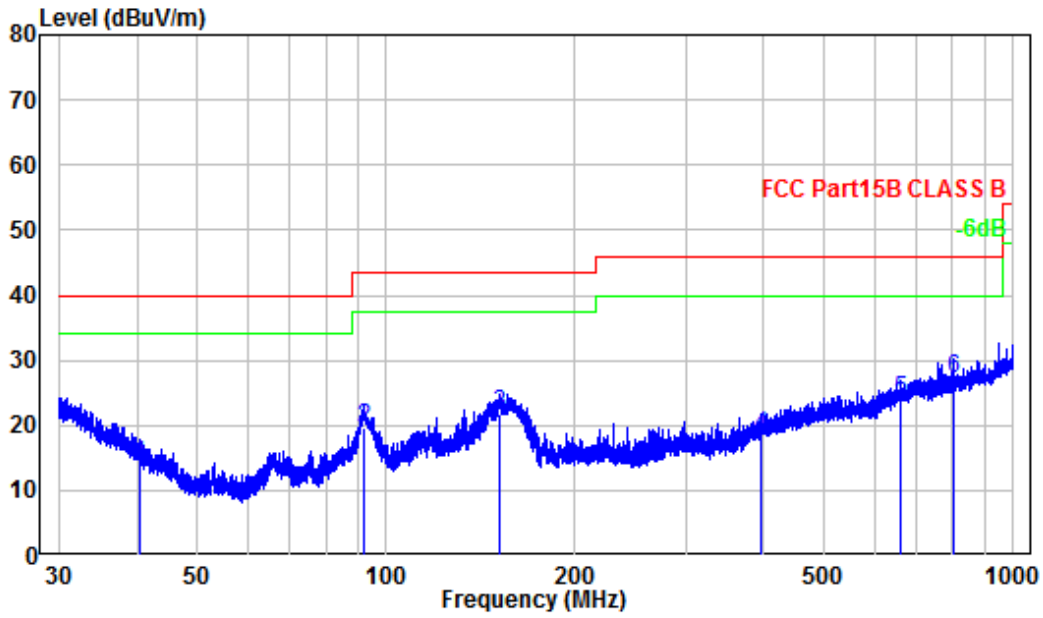
The testing was performed by Anson Su on 2023-07-17 for below 1GHz and Dylan Yang on 2023-07-18 for above 1GHz.

Test Mode 1: Charging & Playing

For Huafeng adapter

30 MHz~1 GHz

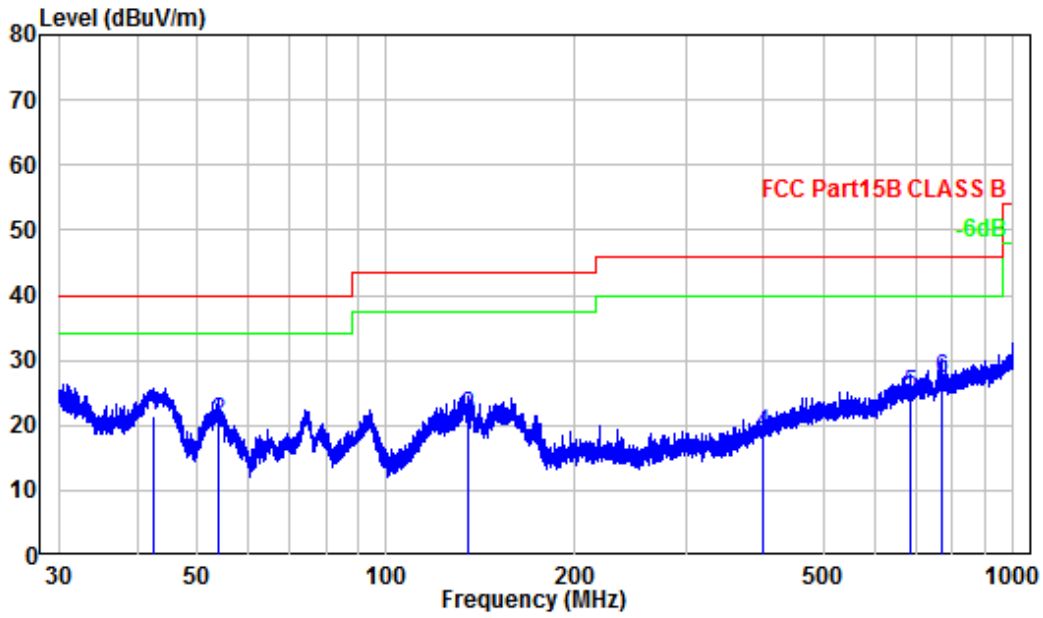
Horizontal



Site : chamber
Condition : 3m Horizontal
Project Number: SZ1230620-35489E-EM
Test Mode : Charging & Playing

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	40.45	-10.68	24.50	13.82	40.00	-26.18	QP
2	91.86	-16.04	35.64	19.60	43.50	-23.90	QP
3	151.80	-11.44	33.14	21.70	43.50	-21.80	QP
4	395.72	-7.57	26.11	18.54	46.00	-27.46	QP
5	661.73	-2.23	26.23	24.00	46.00	-22.00	QP
6	806.37	-0.45	27.64	27.19	46.00	-18.81	QP

Vertical

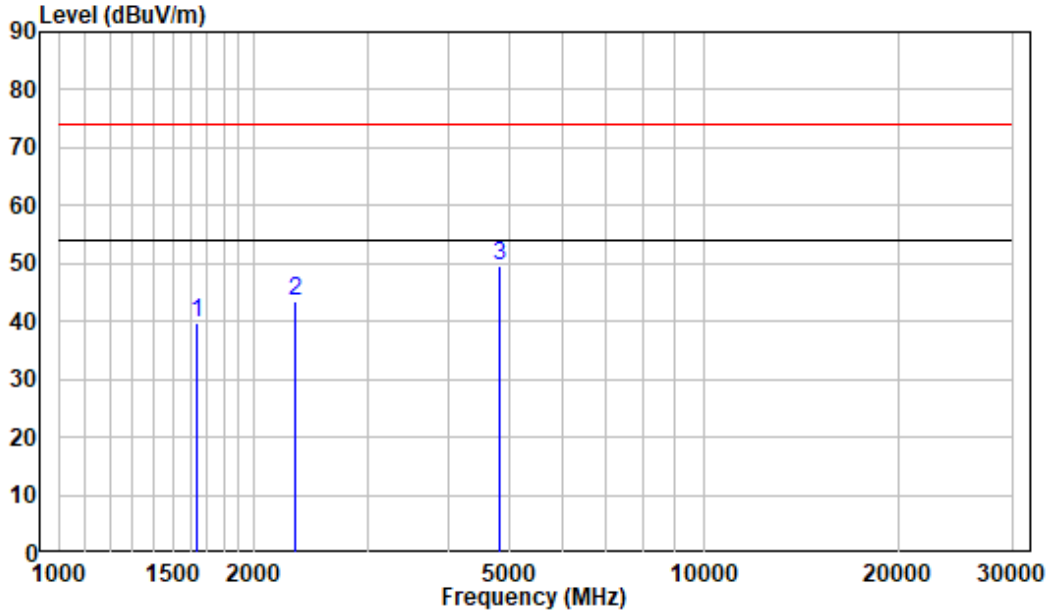


Site : chamber
Condition : 3m Vertical
Project Number: SZ1230620-35489E-EM
Test Mode : Charging & Playing

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	42.43	-11.94	33.48	21.54	40.00	-18.46	QP
2	53.83	-16.60	37.27	20.67	40.00	-19.33	QP
3	135.39	-10.52	31.99	21.47	43.50	-22.03	QP
4	398.68	-7.42	26.28	18.86	46.00	-27.14	QP
5	685.65	-1.78	26.58	24.80	46.00	-21.20	QP
6	769.76	-1.23	28.37	27.14	46.00	-18.86	QP

1 ~ 30 GHz

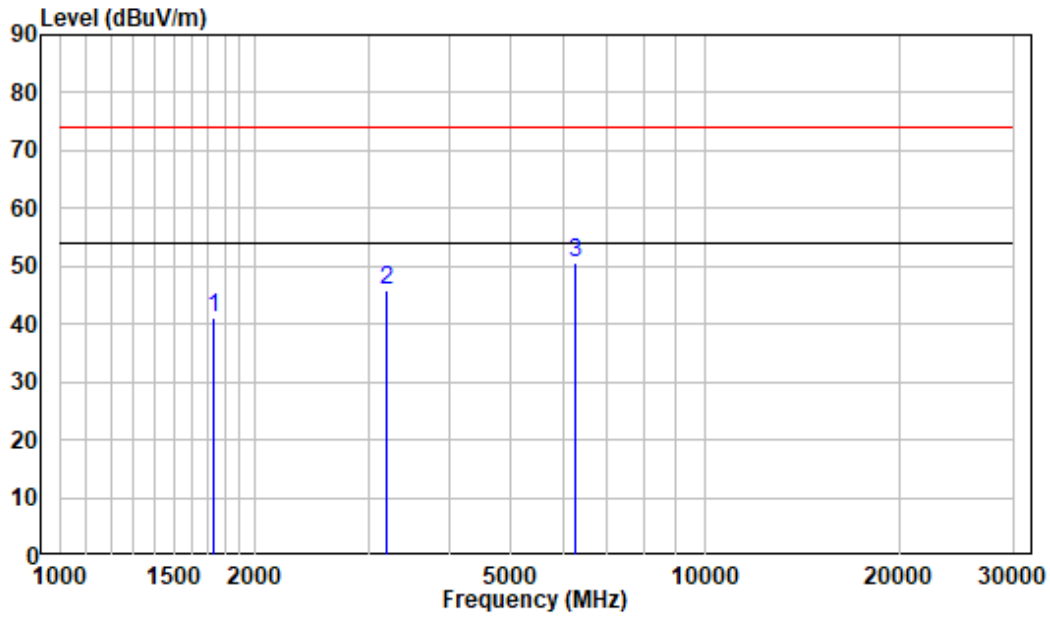
Horizontal



Site : chamber
Condition : 3m Horizontal
Project Number: SZ1230620-35489E-EM
Test Mode : Charging & Playing

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	1640.375	-3.24	43.03	39.79	74.00	-34.21	Peak
2	2317.469	-0.66	44.14	43.48	74.00	-30.52	Peak
3	4808.469	5.74	44.01	49.75	74.00	-24.25	Peak

Vertical



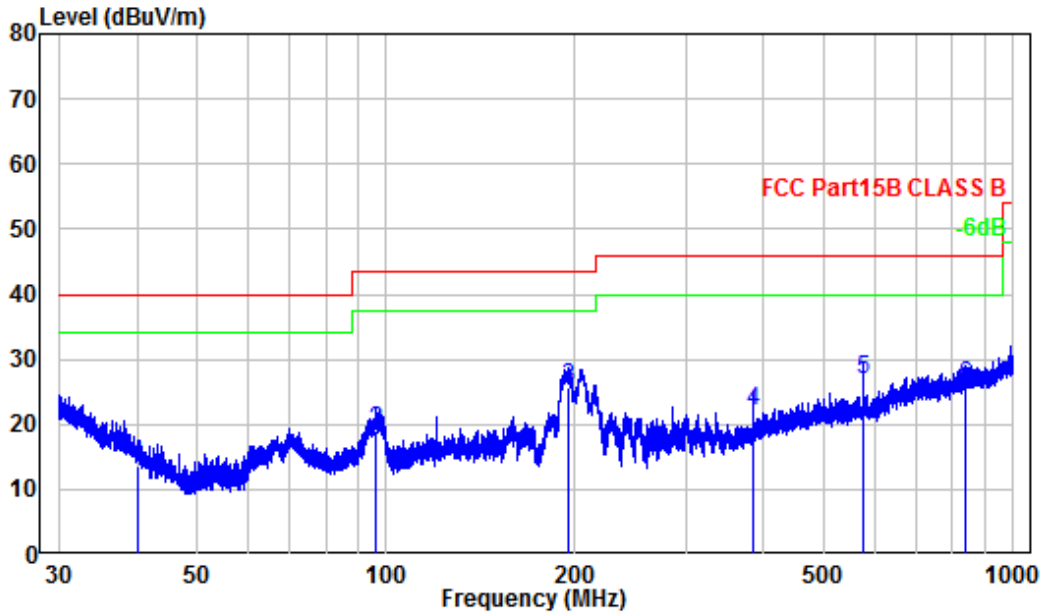
Site : chamber
Condition : 3m Vertical
Project Number: SZ1230620-35489E-EM
Test Mode : Charging & Playing

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	1728.625	-2.70	43.73	41.03	74.00	-32.97	Peak
2	3211.250	2.27	43.43	45.70	74.00	-28.30	Peak
3	6267.125	8.55	42.22	50.77	74.00	-23.23	Peak

For Huajin adapter

30 MHz~1 GHz

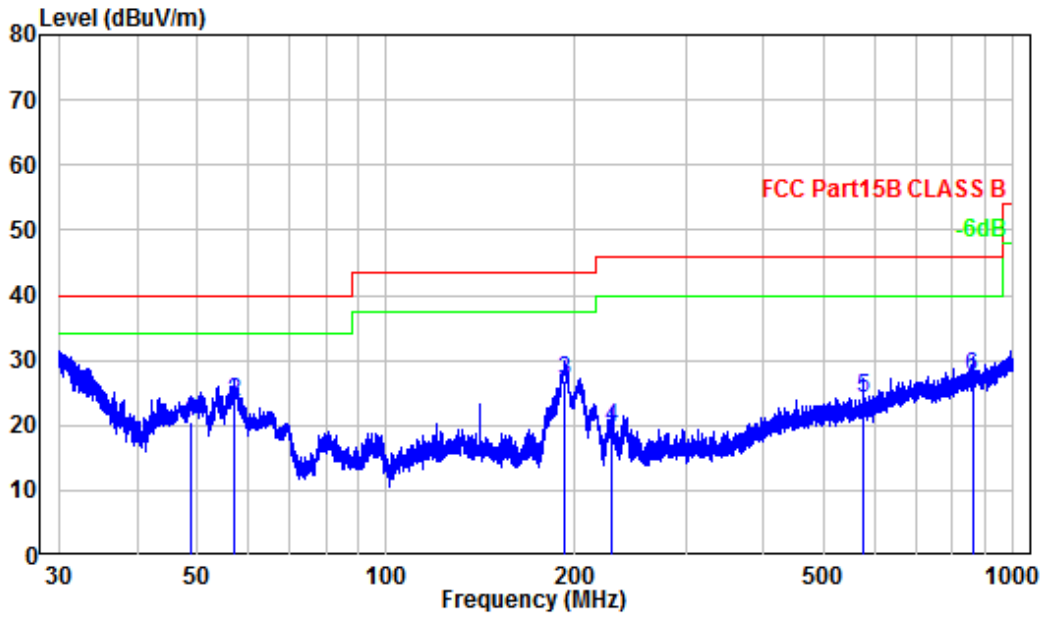
Horizontal



Site : chamber
Condition : 3m Horizontal
Project Number: SZ1230620-35489E-EM
Test Mode : Charging & Playing

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	40.17	-10.50	24.12	13.62	40.00	-26.38	QP
2	96.48	-14.73	33.61	18.88	43.50	-24.62	QP
3	195.39	-11.62	37.18	25.56	43.50	-17.94	QP
4	384.10	-8.15	30.16	22.01	46.00	-23.99	QP
5	576.14	-4.51	31.38	26.87	46.00	-19.13	QP
6	838.81	0.03	25.96	25.99	46.00	-20.01	QP

Vertical

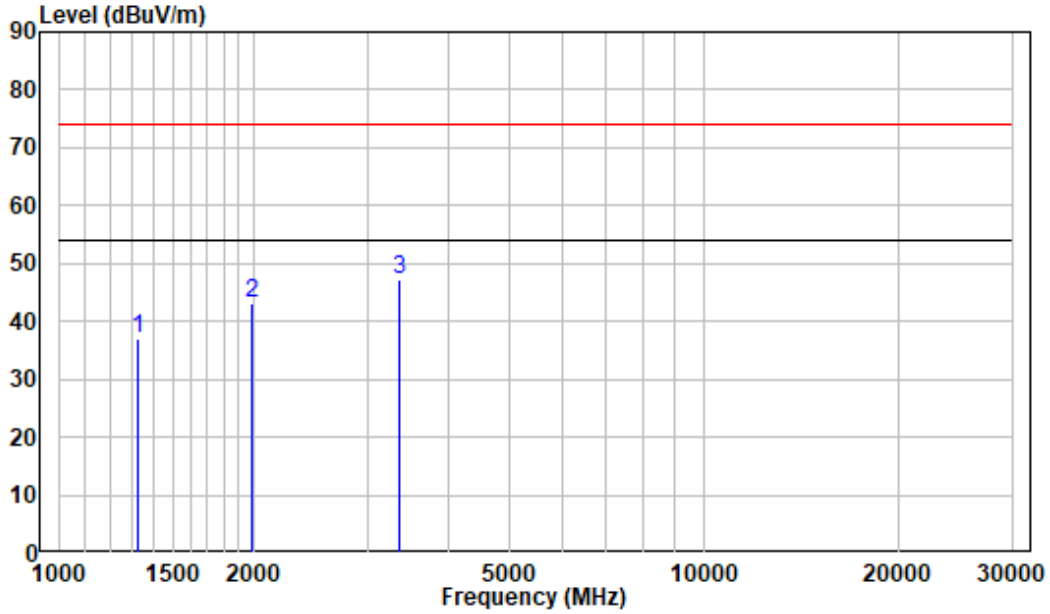


Site : chamber
Condition : 3m Vertical
Project Number: SZ1230620-35489E-EM
Test Mode : Charging & Playing

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	48.80	-15.92	36.36	20.44	40.00	-19.56	QP
2	57.27	-16.54	40.06	23.52	40.00	-16.48	QP
3	192.84	-11.95	38.71	26.76	43.50	-16.74	QP
4	228.39	-11.50	31.00	19.50	46.00	-26.50	QP
5	576.14	-4.51	28.81	24.30	46.00	-21.70	QP
6	860.79	0.37	27.13	27.50	46.00	-18.50	QP

1 ~ 30 GHz

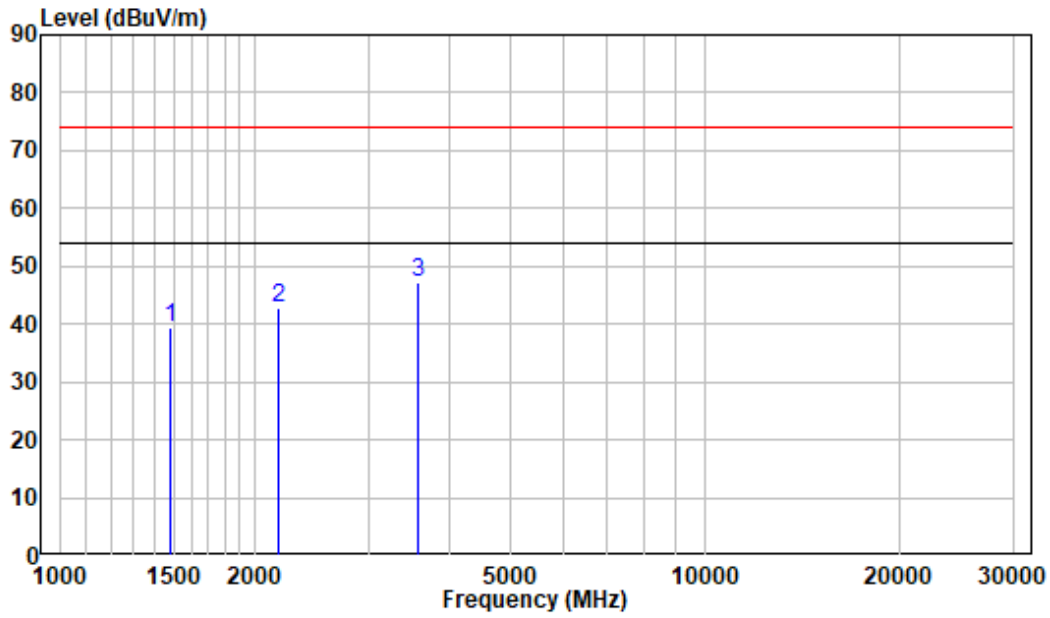
Horizontal



Site : chamber
Condition : 3m Horizontal
Project Number: SZ1230620-35489E-EM
Test Mode : Charging & Playing

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	1322.625	-4.69	41.76	37.07	74.00	-36.93	Peak
2	1993.250	-1.32	44.42	43.10	74.00	-30.90	Peak
3	3363.500	3.07	44.15	47.22	74.00	-26.78	Peak

Vertical



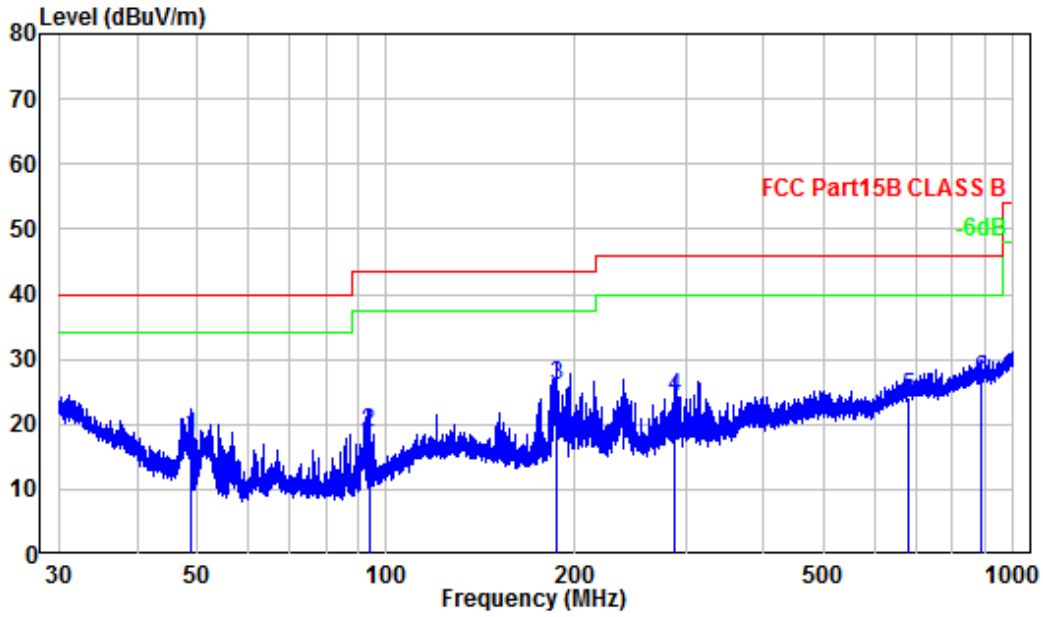
Site : chamber
Condition : 3m Vertical
Project Number: SZ1230620-35489E-EM
Test Mode : Charging & Playing

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	1485.750	-3.77	43.23	39.46	74.00	-34.54	Peak
2	2174.500	-0.48	43.38	42.90	74.00	-31.10	Peak
3	3577.375	3.30	43.93	47.23	74.00	-26.77	Peak

Test Mode 2: Downloading

30 MHz~1 GHz

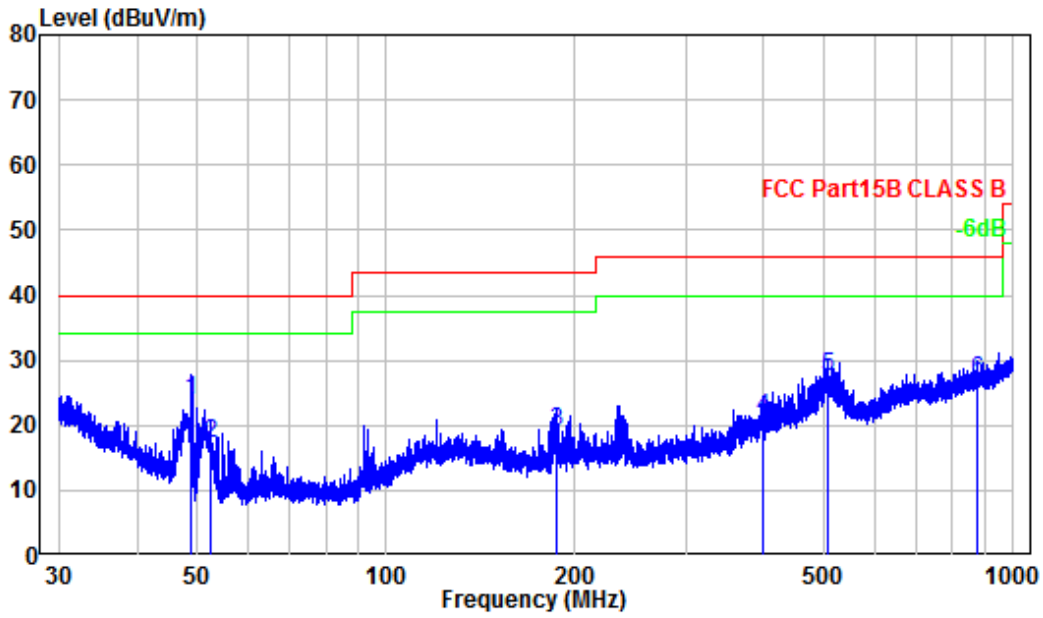
Horizontal



Site : chamber
Condition : 3m Horizontal
Project Number: SZ1230620-35489E-EM
Test Mode : Downloading

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	48.71	-15.88	34.11	18.23	40.00	-21.77	QP
2	93.77	-15.49	34.32	18.83	43.50	-24.67	QP
3	187.01	-12.27	38.29	26.02	43.50	-17.48	QP
4	287.86	-10.42	34.56	24.14	46.00	-21.86	QP
5	678.47	-1.91	26.06	24.15	46.00	-21.85	QP
6	888.39	0.82	25.97	26.79	46.00	-19.21	QP

Vertical

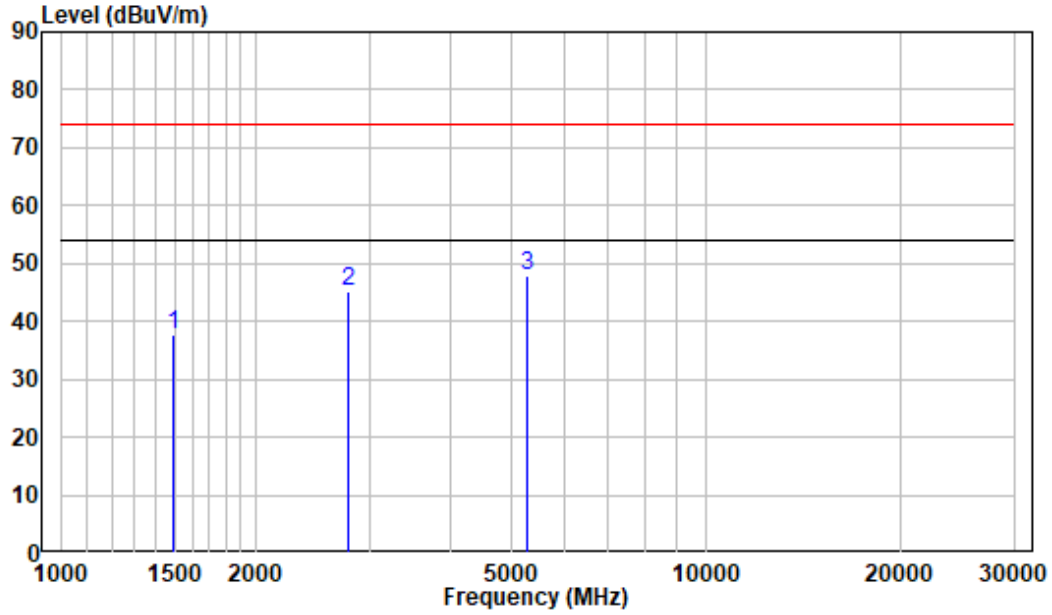


Site : chamber
Condition : 3m Vertical
Project Number: SZ1230620-35489E-EM
Test Mode : Downloading

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	48.80	-15.92	39.78	23.86	40.00	-16.14	QP
2	52.41	-16.63	33.89	17.26	40.00	-22.74	QP
3	186.93	-12.27	31.40	19.13	43.50	-24.37	QP
4	400.08	-7.36	28.64	21.28	46.00	-24.72	QP
5	506.92	-4.98	32.37	27.39	46.00	-18.61	QP
6	874.10	0.58	26.30	26.88	46.00	-19.12	QP

1 ~ 30 GHz

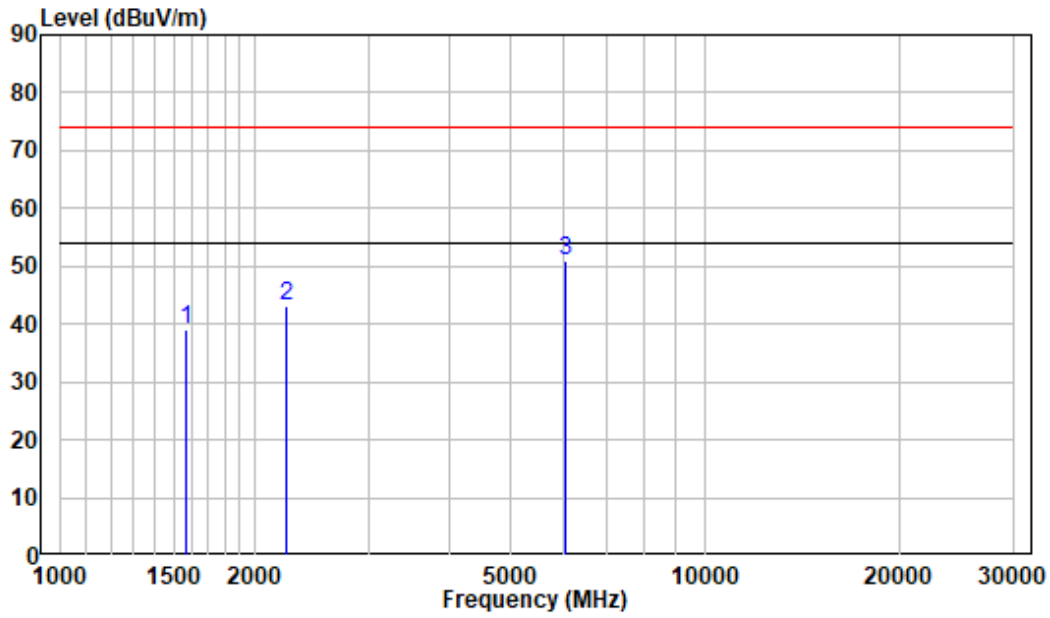
Horizontal



Site : chamber
Condition : 3m Horizontal
Project Number: SZ1230620-35489E-EM
Test Mode : Downloading

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	1493.000	-3.75	41.41	37.66	74.00	-36.34	Peak
2	2783.500	1.55	43.73	45.28	74.00	-28.72	Peak
3	5277.500	6.84	40.97	47.81	74.00	-26.19	Peak

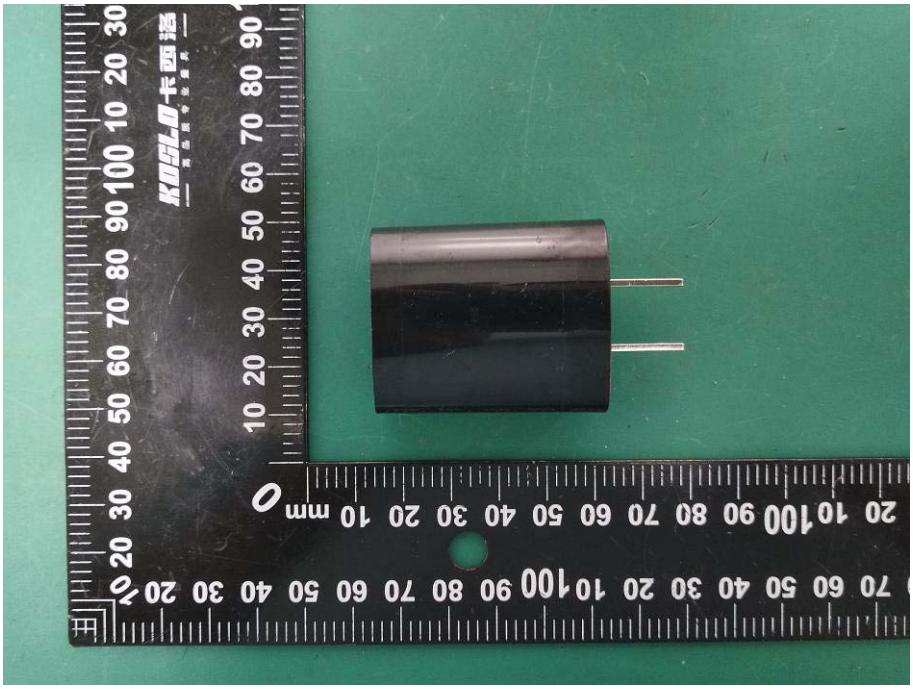
Vertical



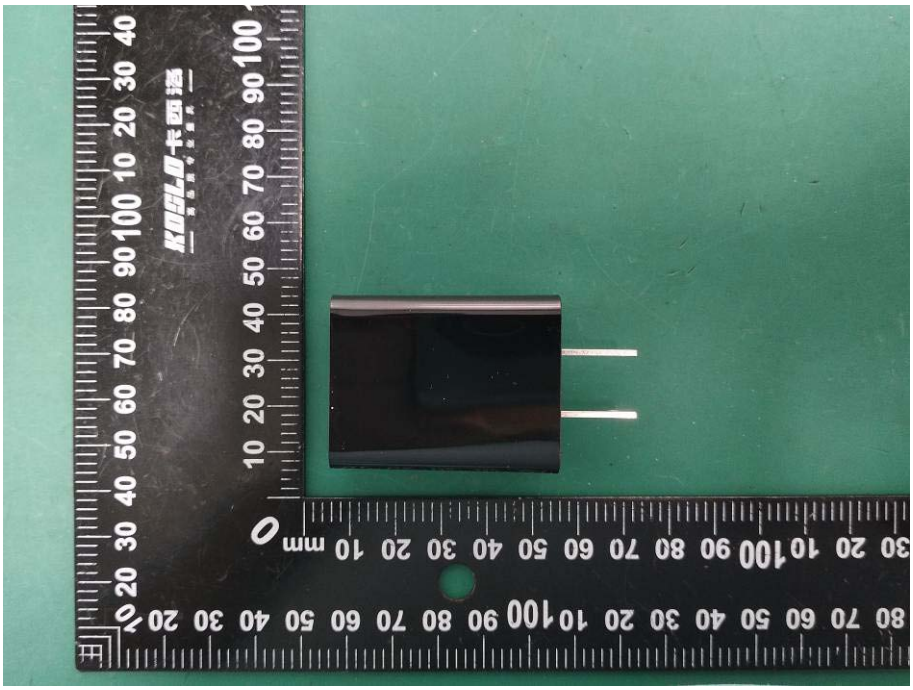
Site : chamber
Condition : 3m Vertical
Project Number: SZ1230620-35489E-EM
Test Mode : Downloading

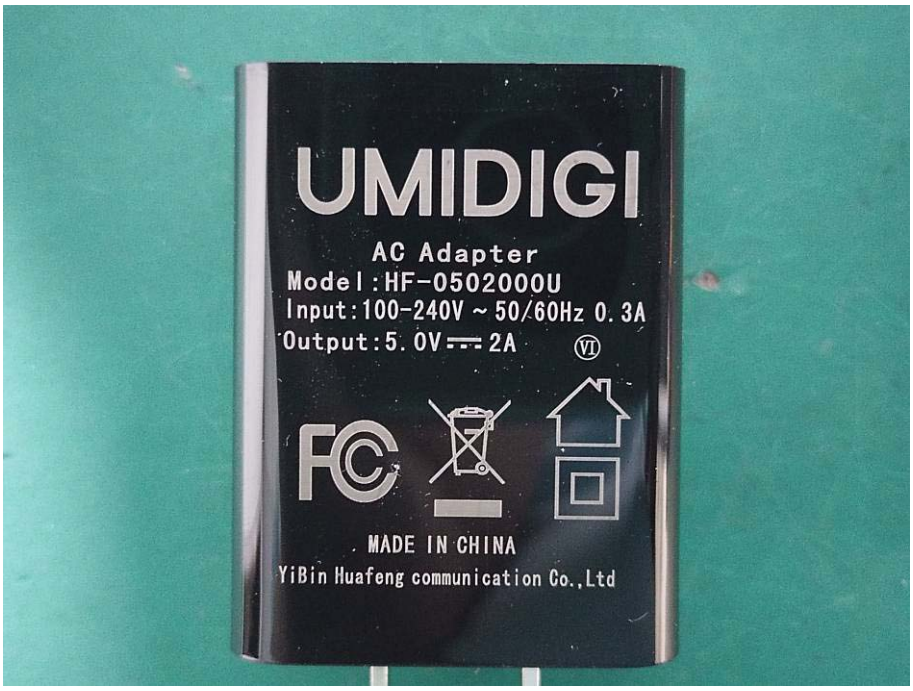
	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	1565.500	-3.61	42.77	39.16	74.00	-34.84	Peak
2	2239.750	-0.57	43.60	43.03	74.00	-30.97	Peak
3	6046.000	8.00	43.11	51.11	74.00	-22.89	Peak

EXHIBIT A - EUT PHOTOGRAPHS

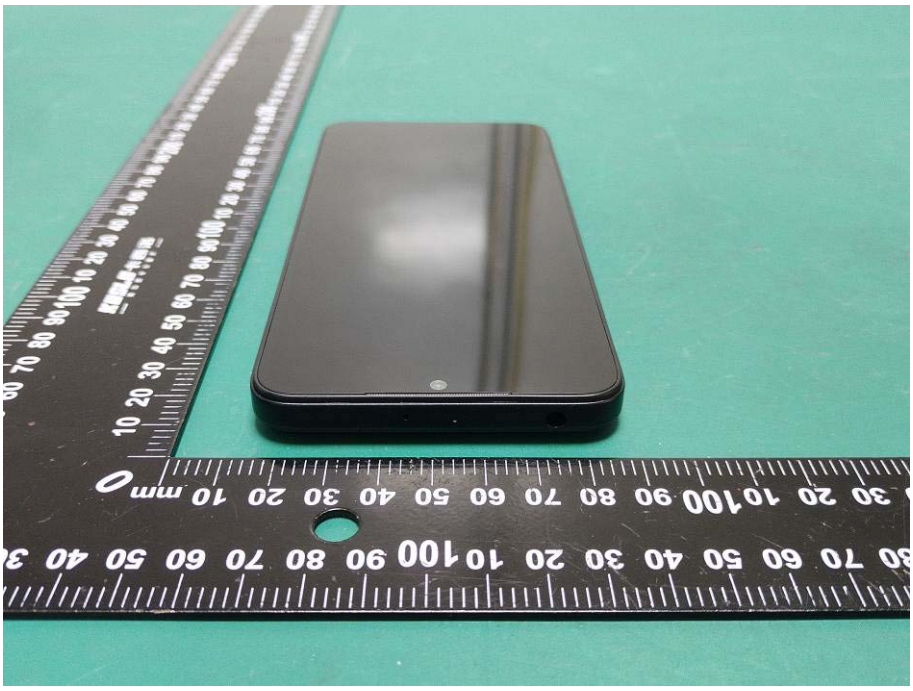


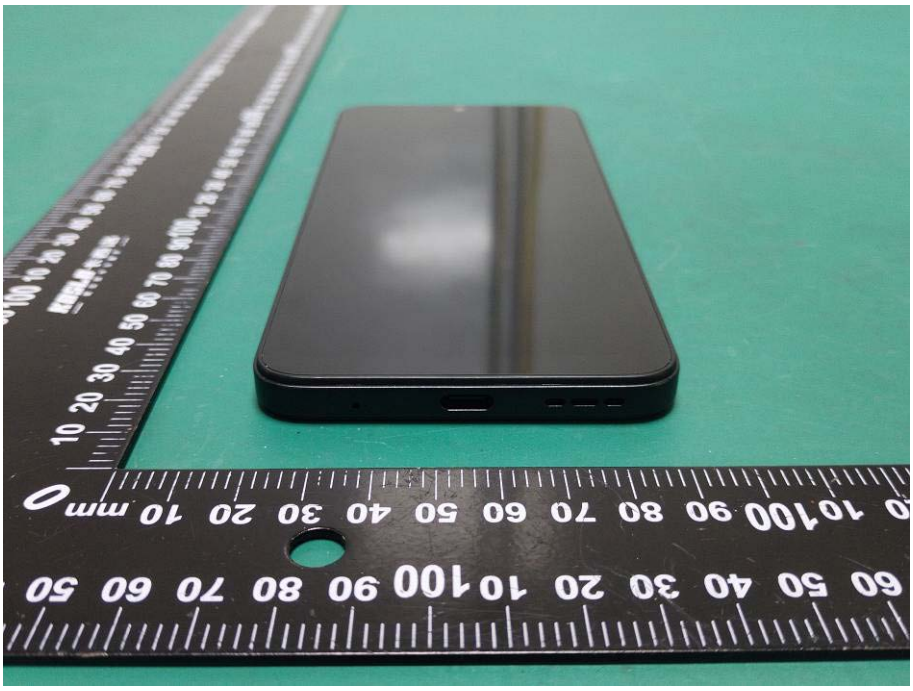

UMIDIGI
AC Power Adapter
Model: HJ-0502000W2-US
Input: 100-240V~50/60Hz 0.3A
Output: 5V 2A
c UL us
LISTED
5BM5
E362552
VI
MADE IN CHINA
ShenZhen HuaJin Electronics CO.,LTD

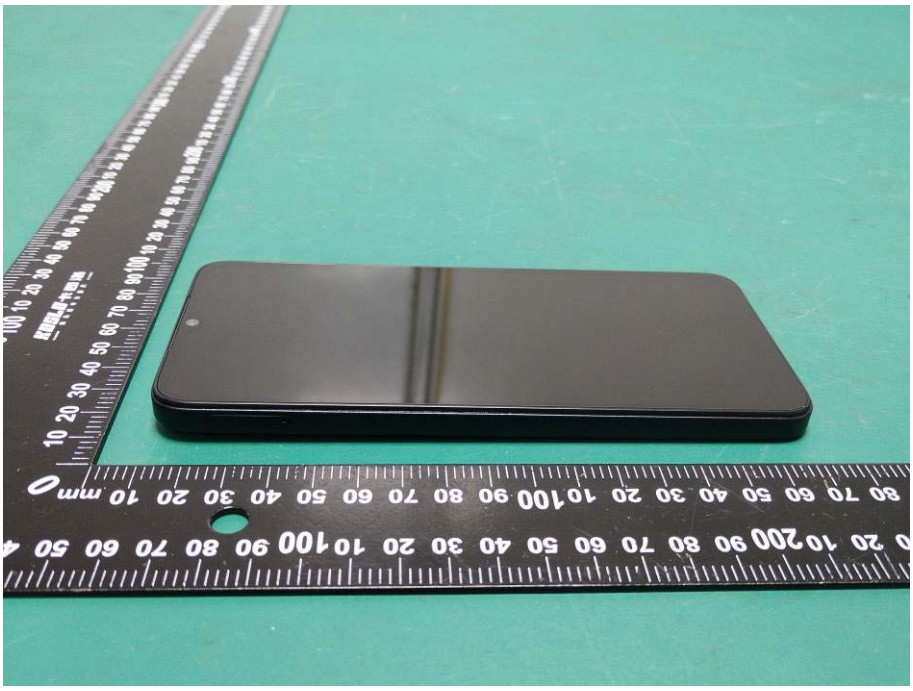



UMIDIGI
AC Adapter
Model:HF-0502000U
Input:100-240V ~ 50/60Hz 0.3A
Output:5.0V ⎓ 2A
MADE IN CHINA
YiBin Huafeng communication Co.,Ltd


UMIDIGI





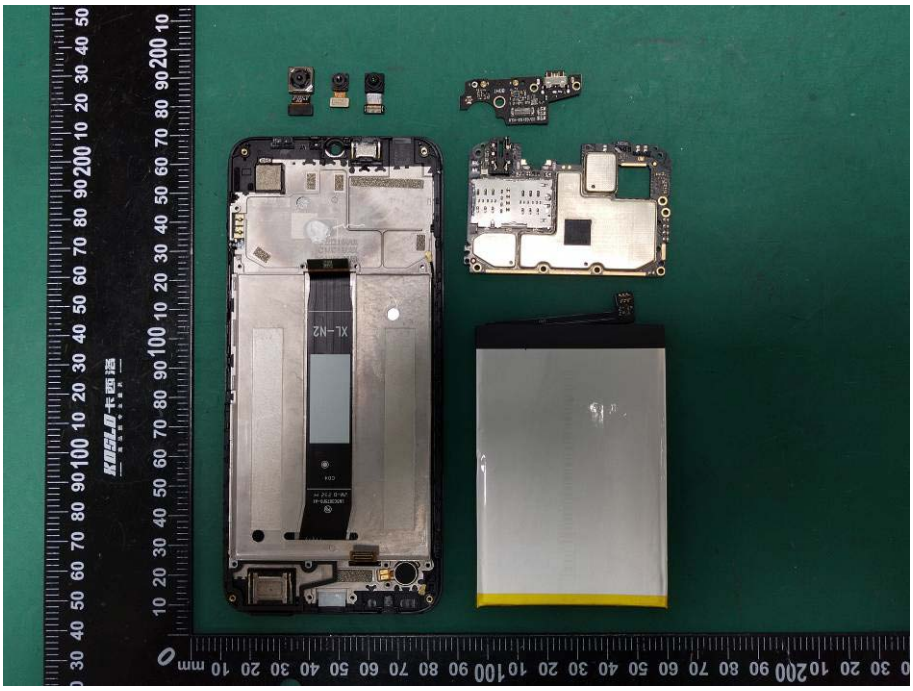


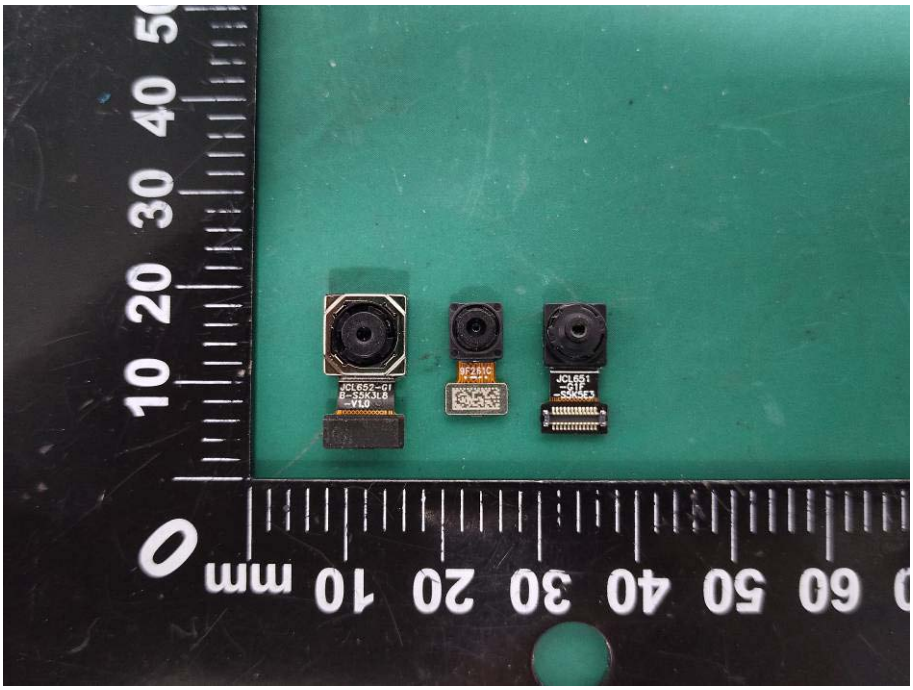

UMIDIGI
Model:BLG5
Li-ion Polymer Battery
Capacity:5000mAh/19.35Wh
Voltage:3.85V
Charge up Voltage:4.4V
Standard:GB 31241-2014
1 ICP5/84/94


C5-DIV-AW-V1.0

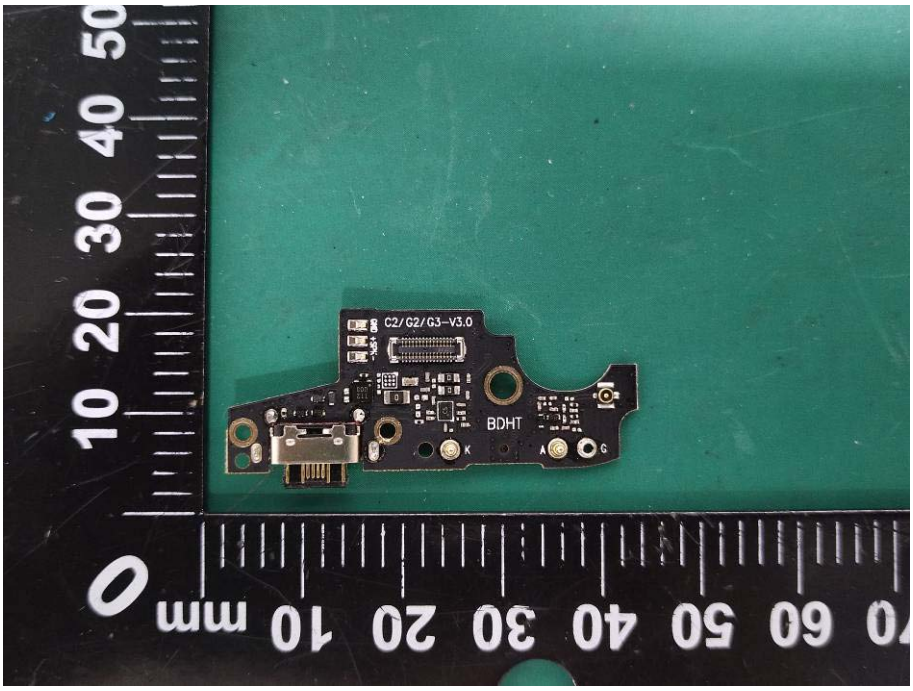

G5-5GWIFI/GPS/
2.4GWIFI-AW-V1.0

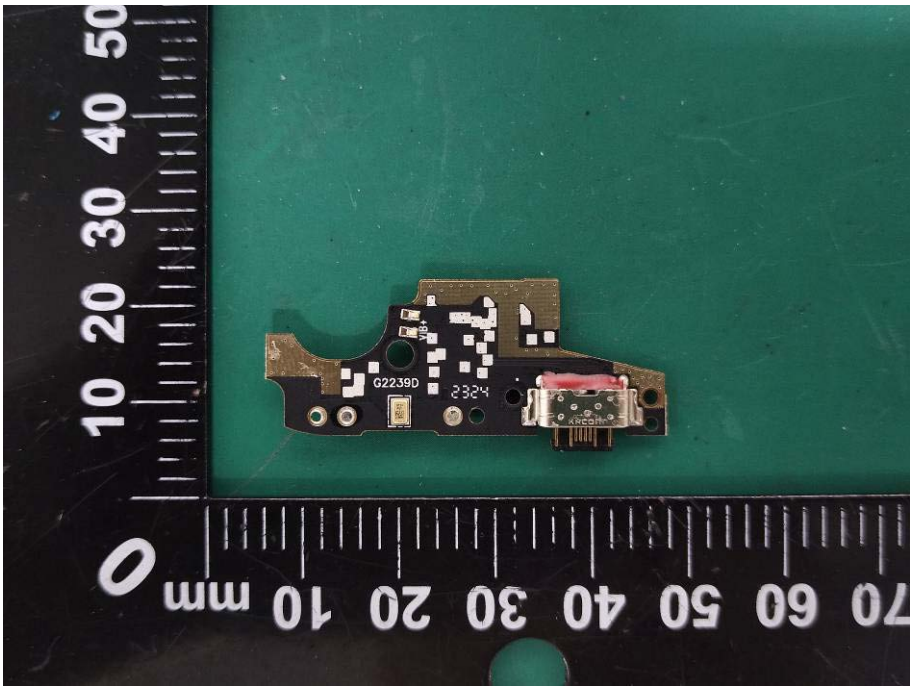

G5-MAIN-AW-V1.0

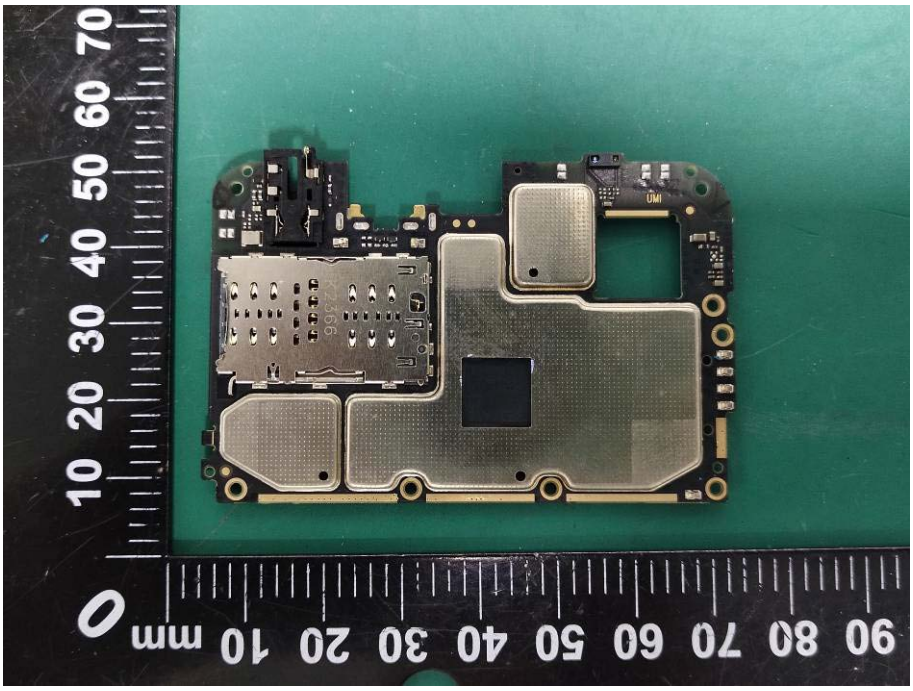

XL-N2

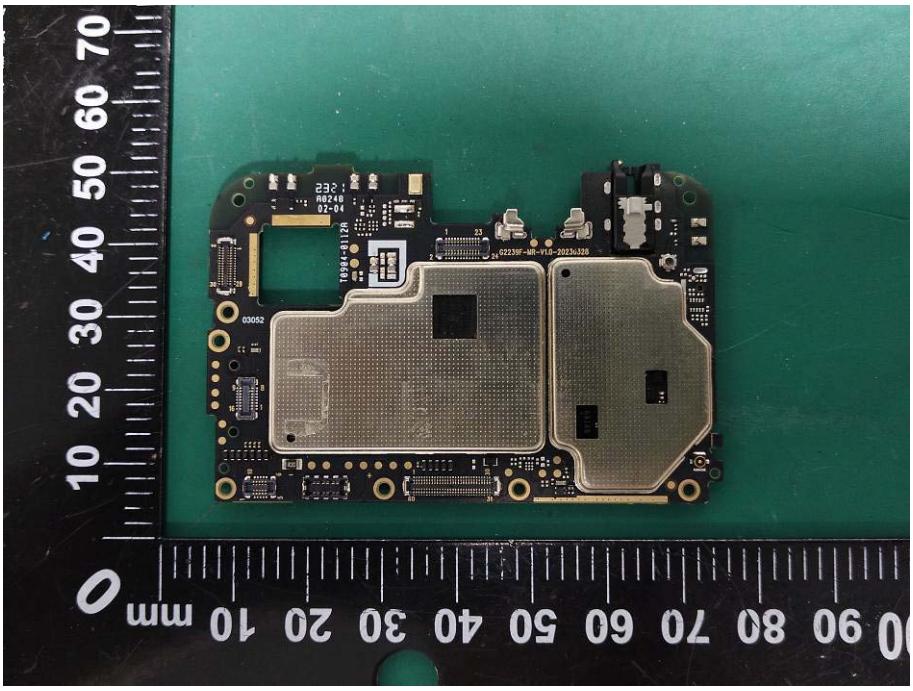


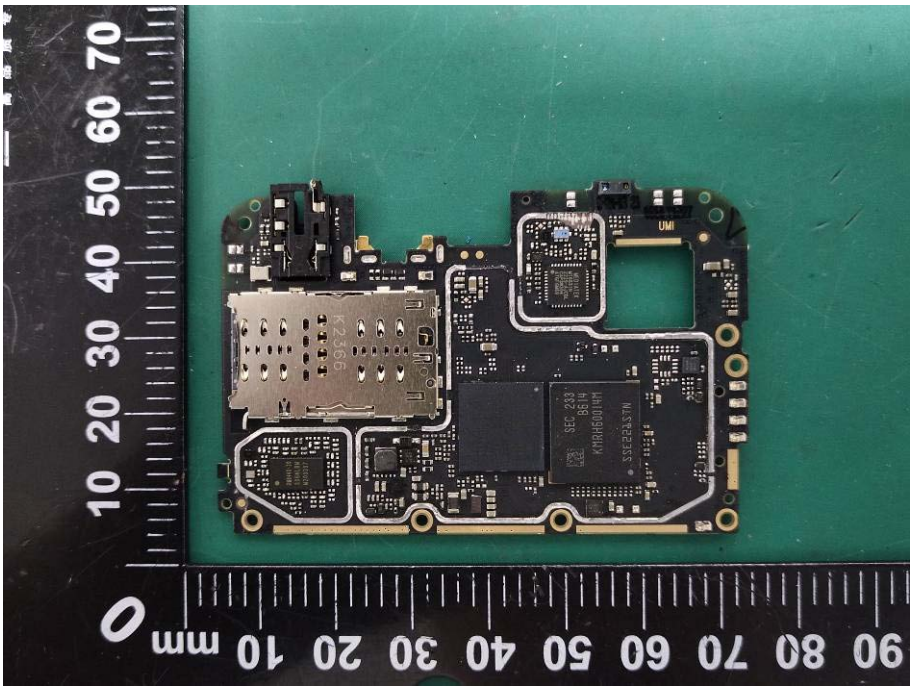

UMIDIGI
Model:BLG5
Li-ion Polymer Battery
Capacity:5000mAh 19.35Wh
Voltage:3.85V
Charge up Voltage:4.4V
Standard:GB 31241-2014
1 ICP5/64/94
S/N:JLYBLG502300215
Date:2023/06/21
CAUTION
To prevent battery short circuit:
Do not place or use battery in high temperature area.
Do not disassemble battery by yourself.
Do not required to dischage before recharge.
Use provided charger to recharge.
Place in fire or serious impact could cause explosion
Manufacturer:Shenzhenshi jiuliyuan electronic technology co.LTD
Made in China
LI-ION

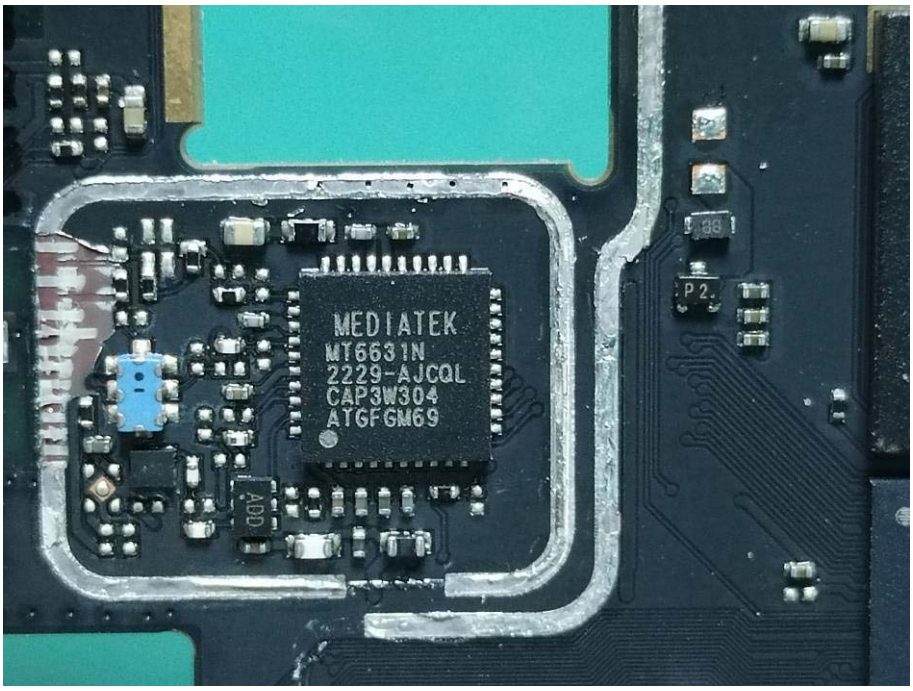

C2/G2/G3-V3.0
BDHT

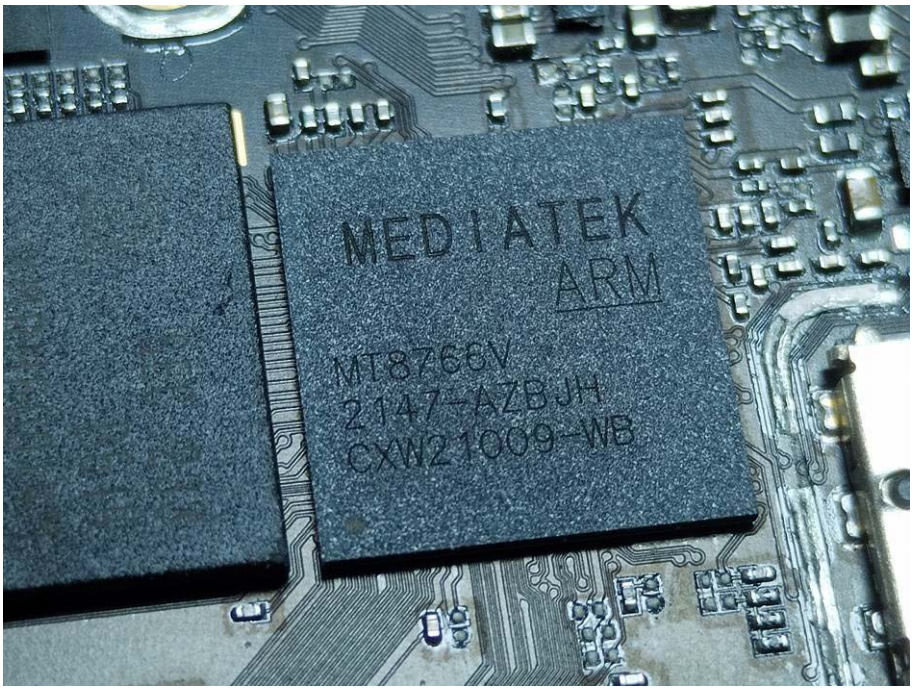

G2239D
2324

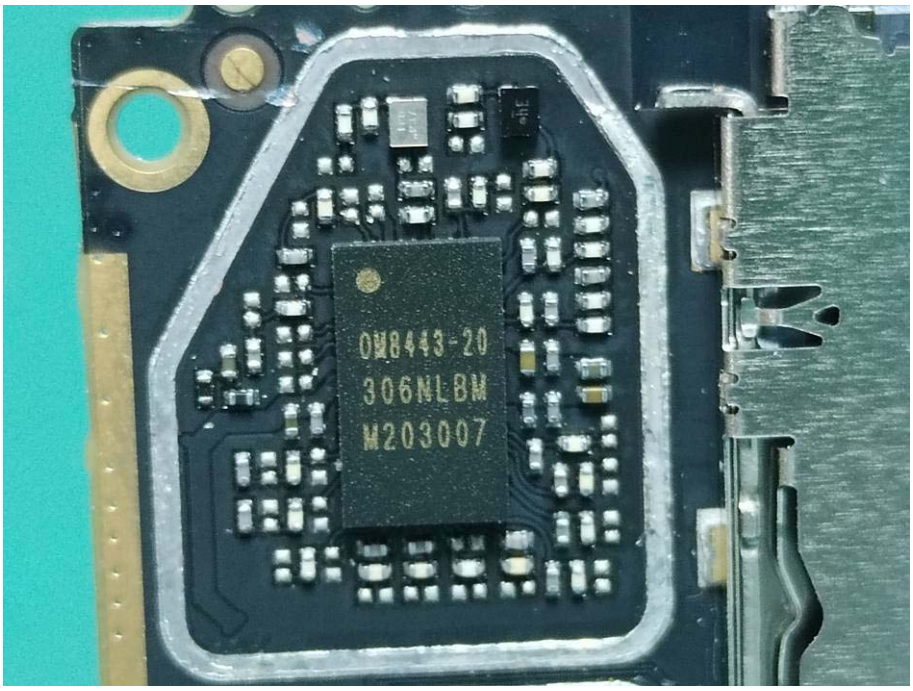


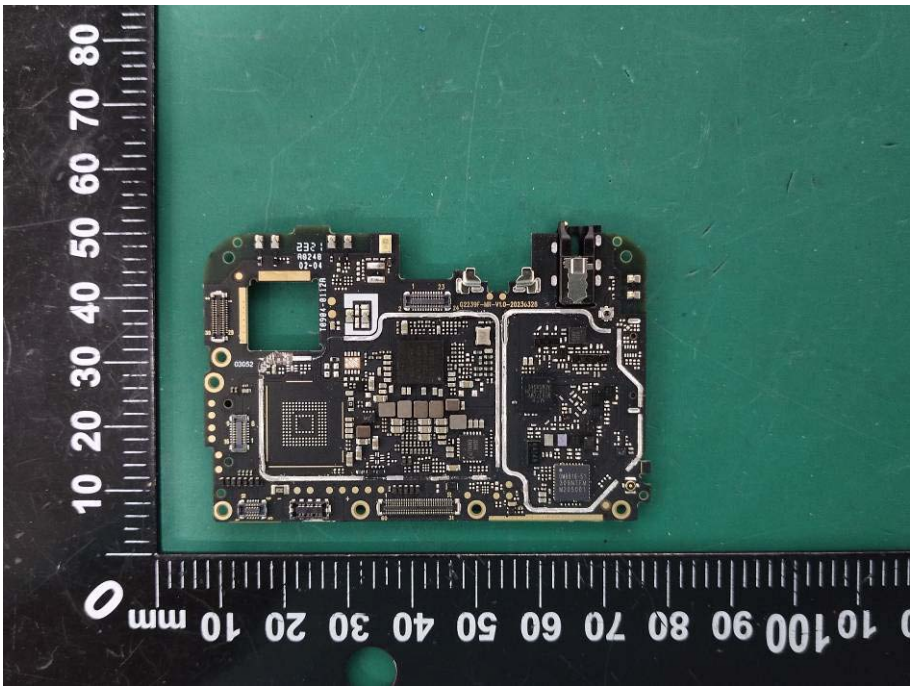


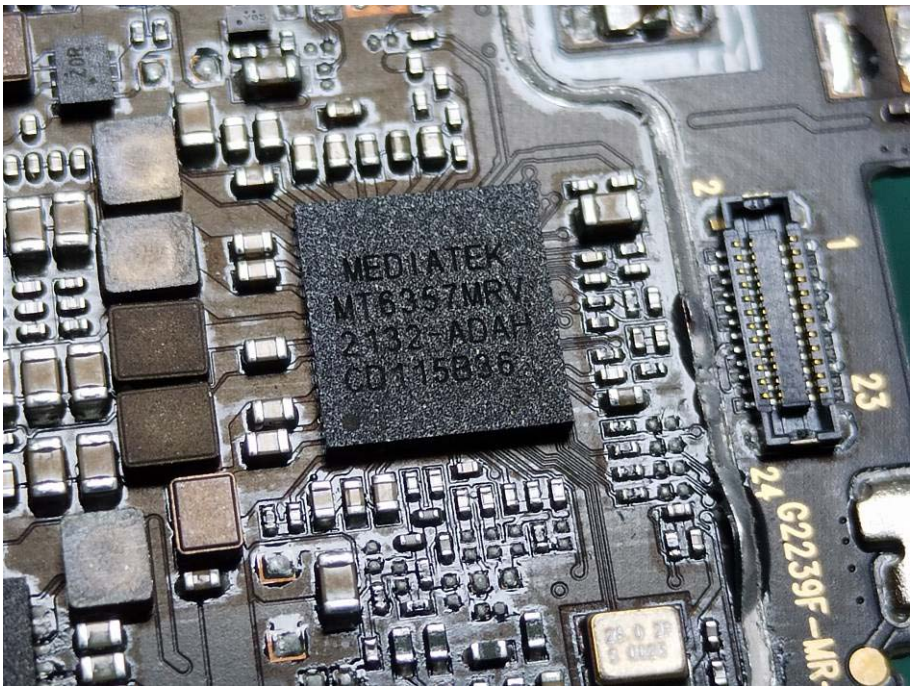


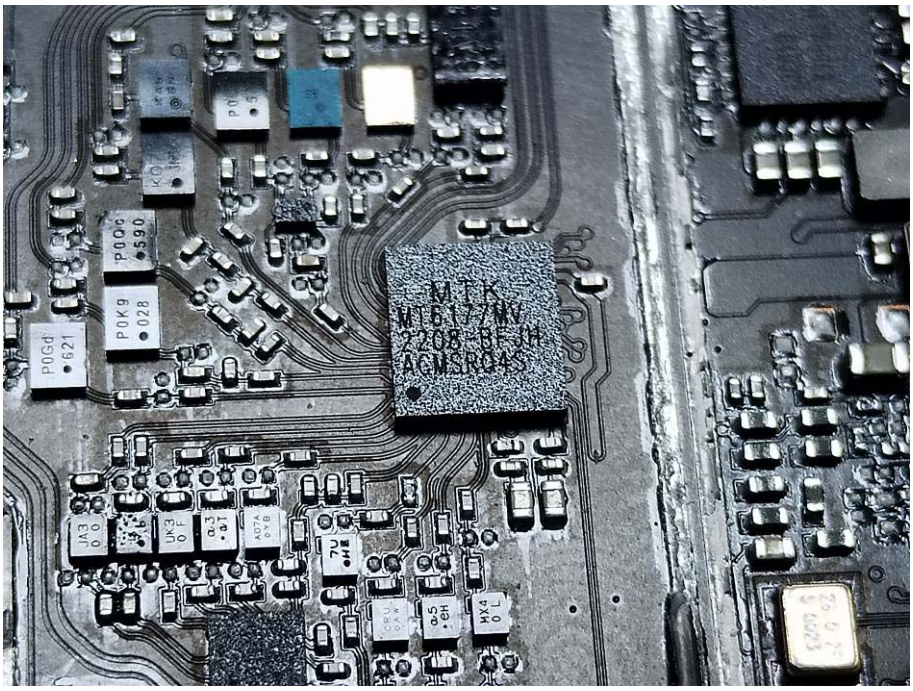

MEDIATEK
MT6631N
2229-AJCQL
CAP3W304
ATGFGM69


MEDIATEK
ARM
MT8766V
2147-AZBJH
CXW21009-WB


OM8443-20
306NLBM
M203007




MEDIATEK
MT6357MRV
2132-AOAH
CD115836
G2239F-MR


MTK
M1617MV
2208 BF JH
ACMSR04S

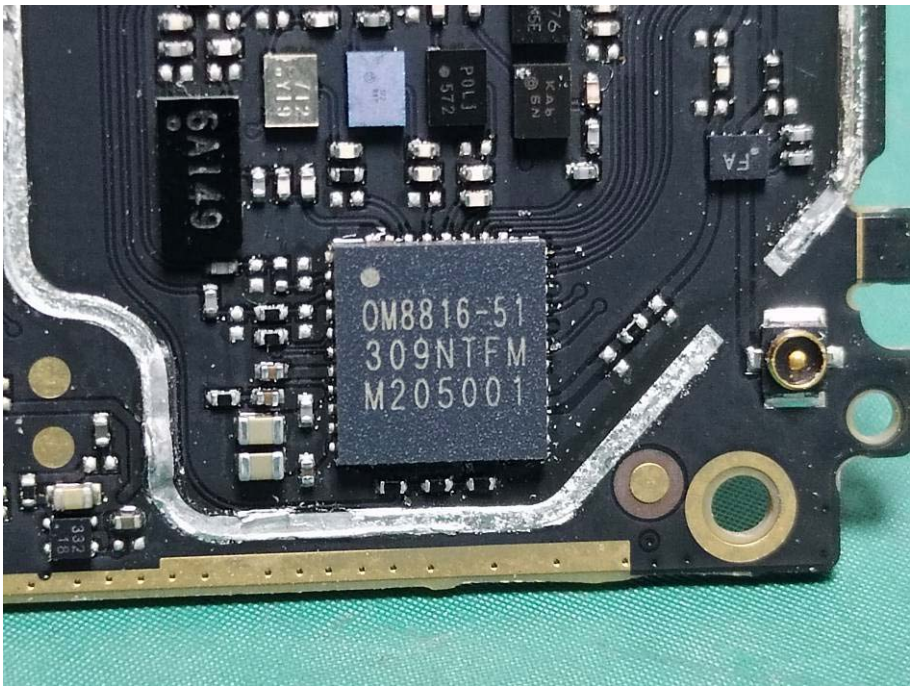
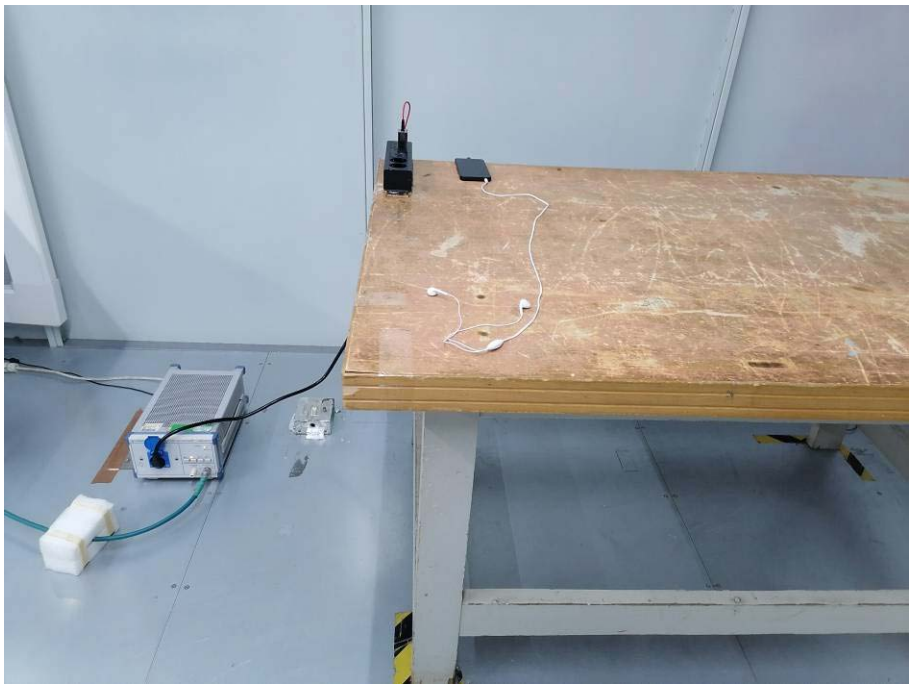
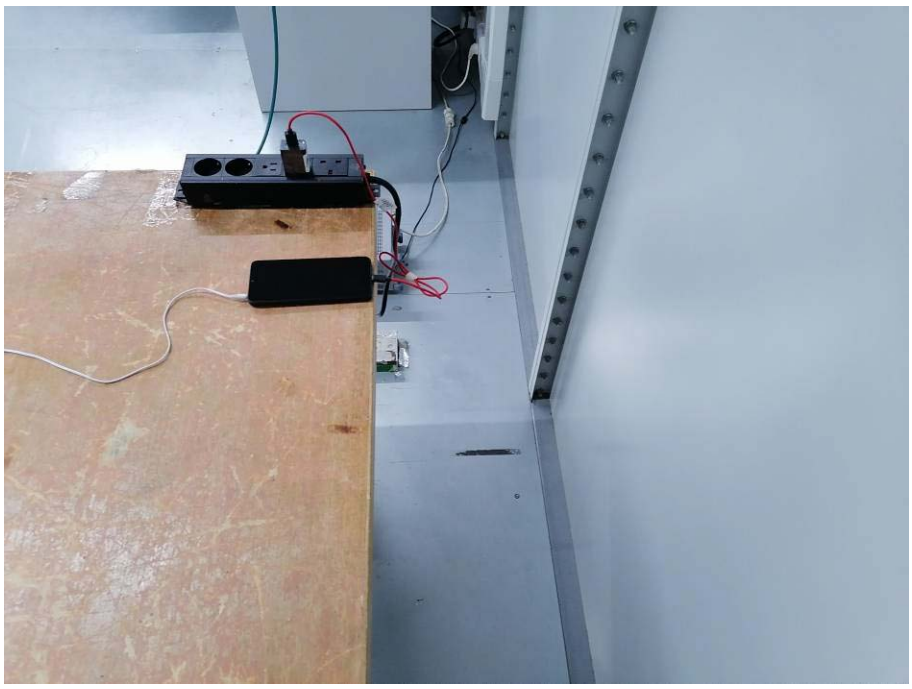

6A149
OM8816-51
309NTFM
M205001

EXHIBIT B - TEST SETUP PHOTOGRAPHS

Test Mode 1
For Huafeng adapter
Conducted Emissions - Front View

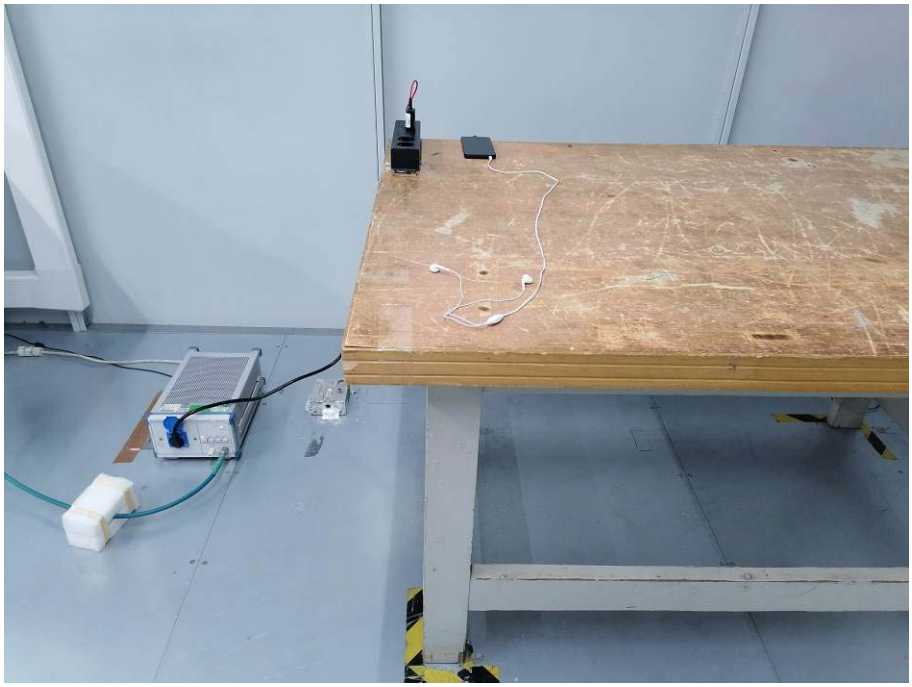


Conducted Emissions - Side View

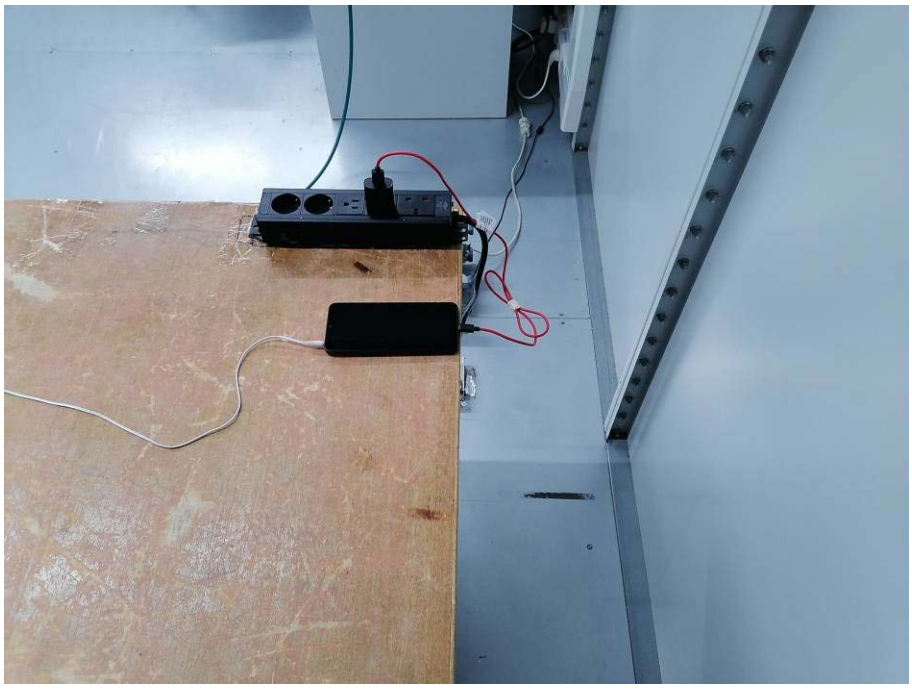


For Huajin adapter

Conducted Emissions - Front View



Conducted Emissions - Side View



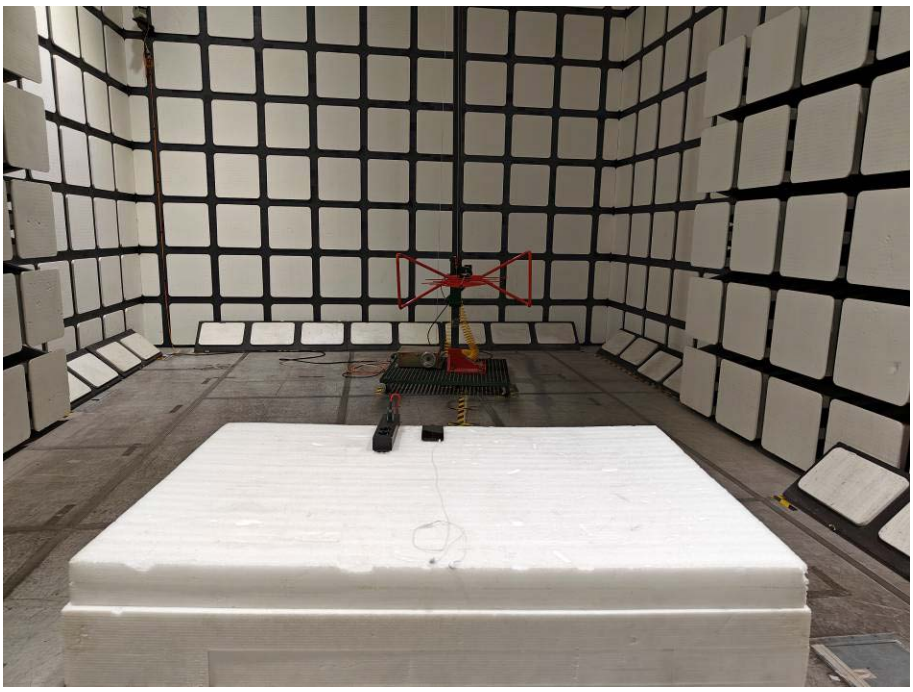
Test Mode 2

Conducted Emissions - Front View

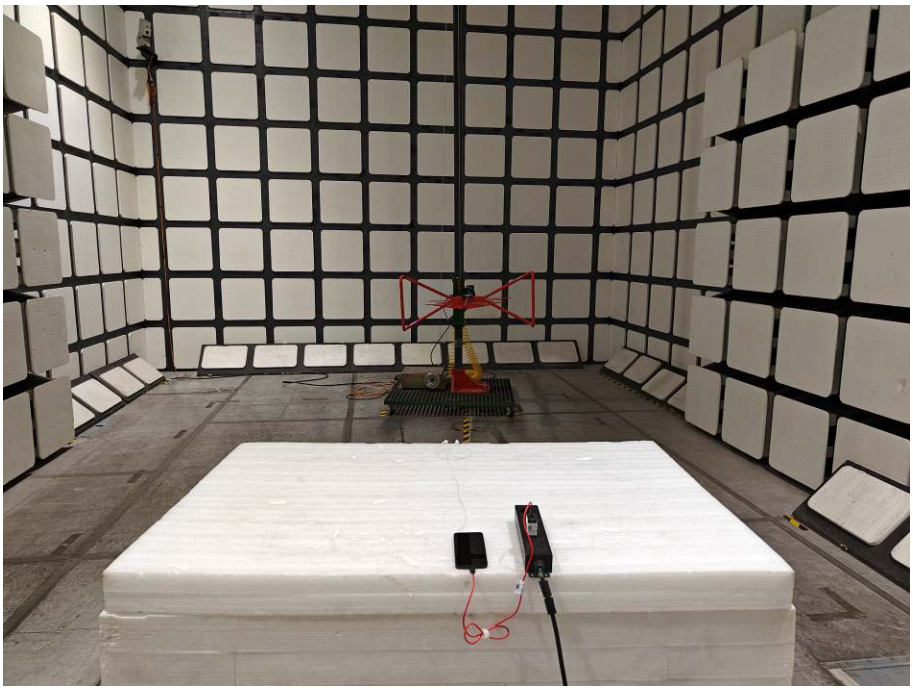
Conducted Emissions - Side View

Test Mode 1
For Huafeng adapter

Radiated Emissions – Front View (Below 1 GHz)

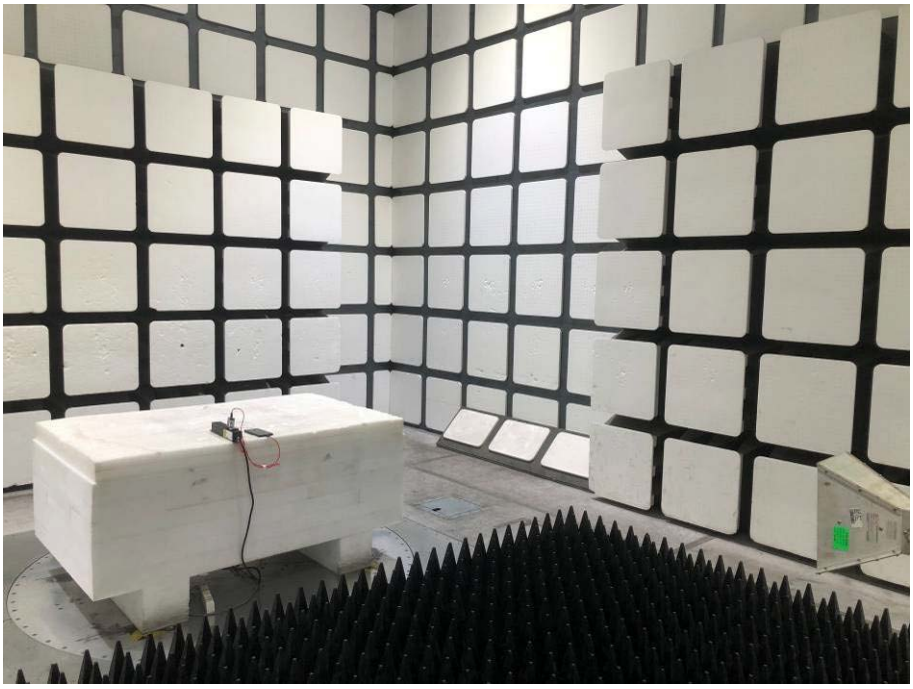


Radiated Emissions – Rear View (Below 1 GHz)



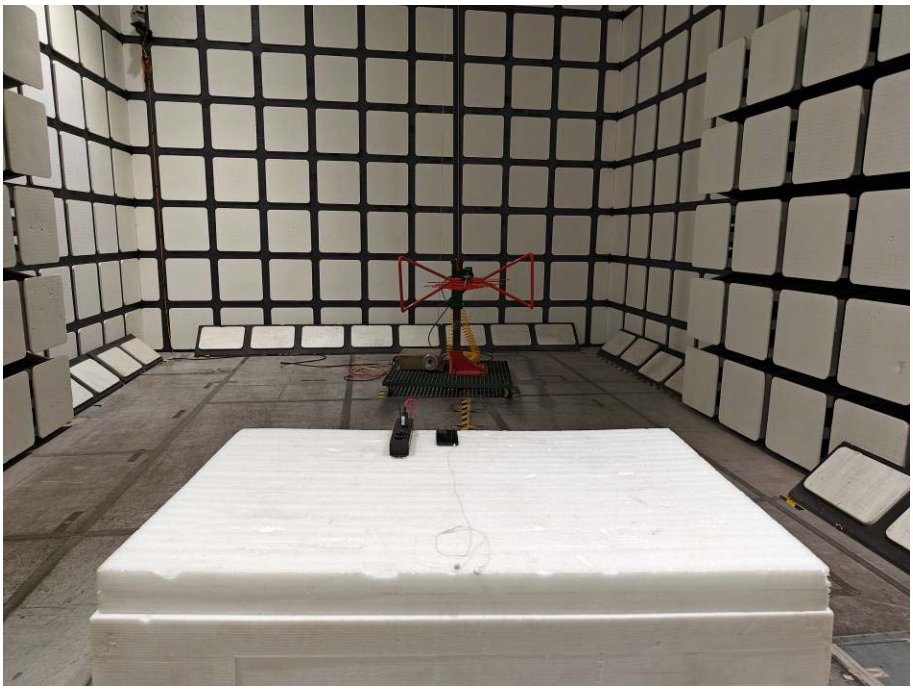
Radiated Emissions –Front View (Above 1 GHz)

Radiated Emissions – Rear View (Above 1 GHz)

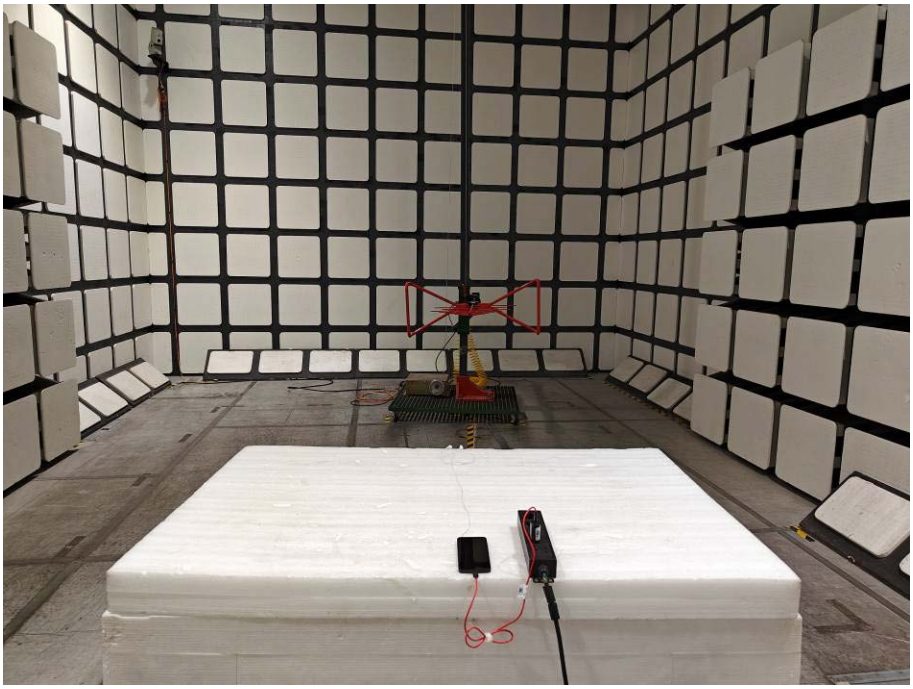


For Huajin adapter

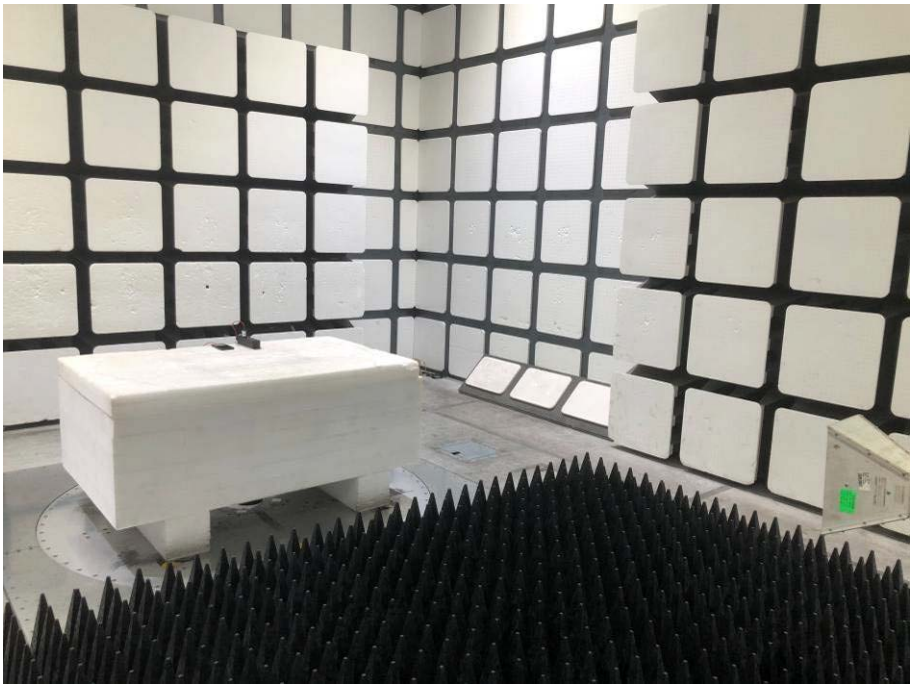
Radiated Emissions – Front View (Below 1 GHz)



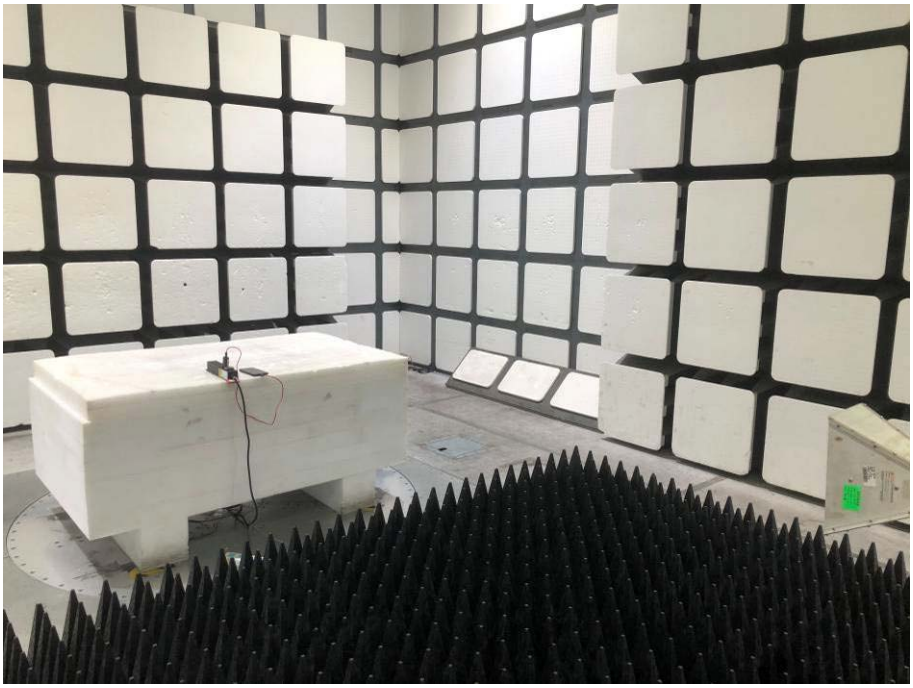
Radiated Emissions – Rear View (Below 1 GHz)



Radiated Emissions –Front View (Above 1 GHz)

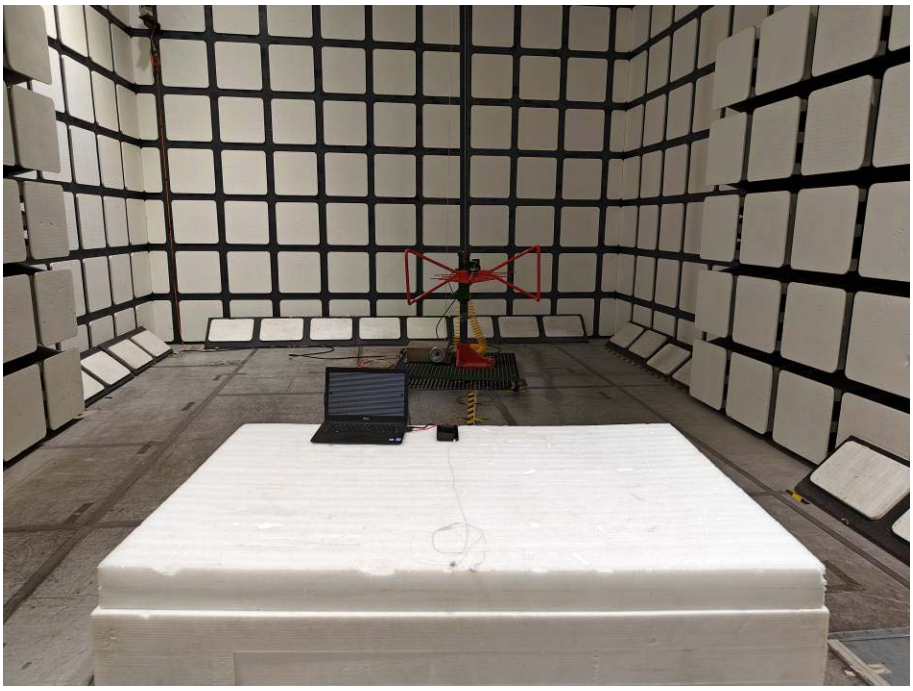


Radiated Emissions – Rear View (Above 1 GHz)

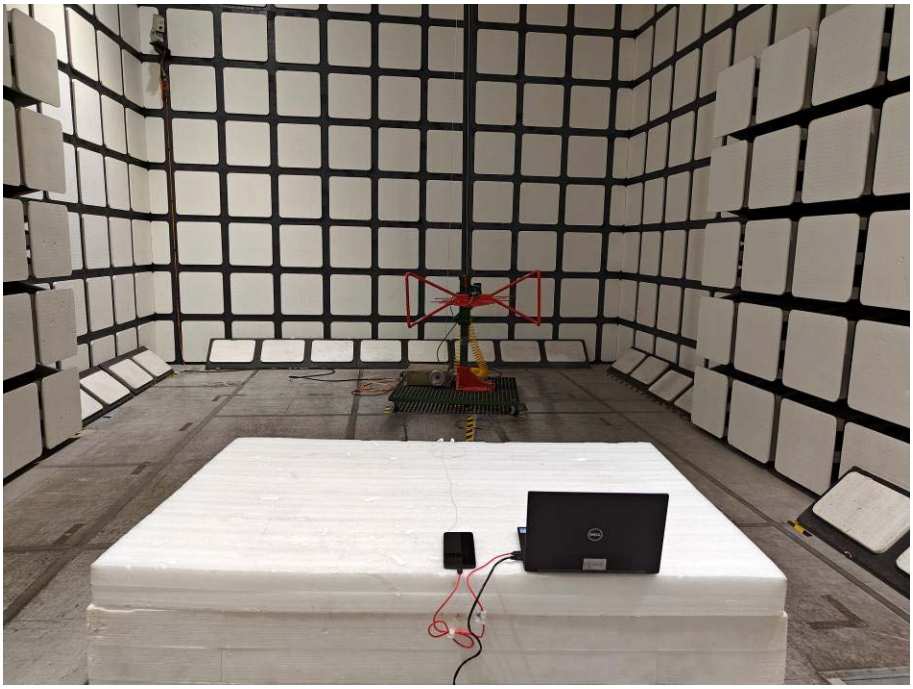


Test Mode 2

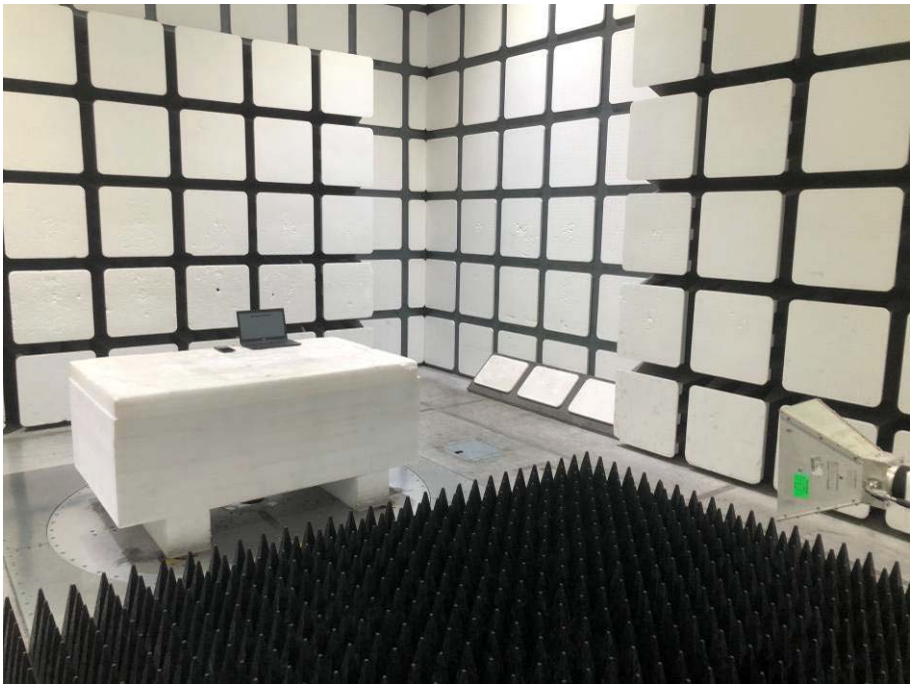
Radiated Emissions – Front View (Below 1 GHz)



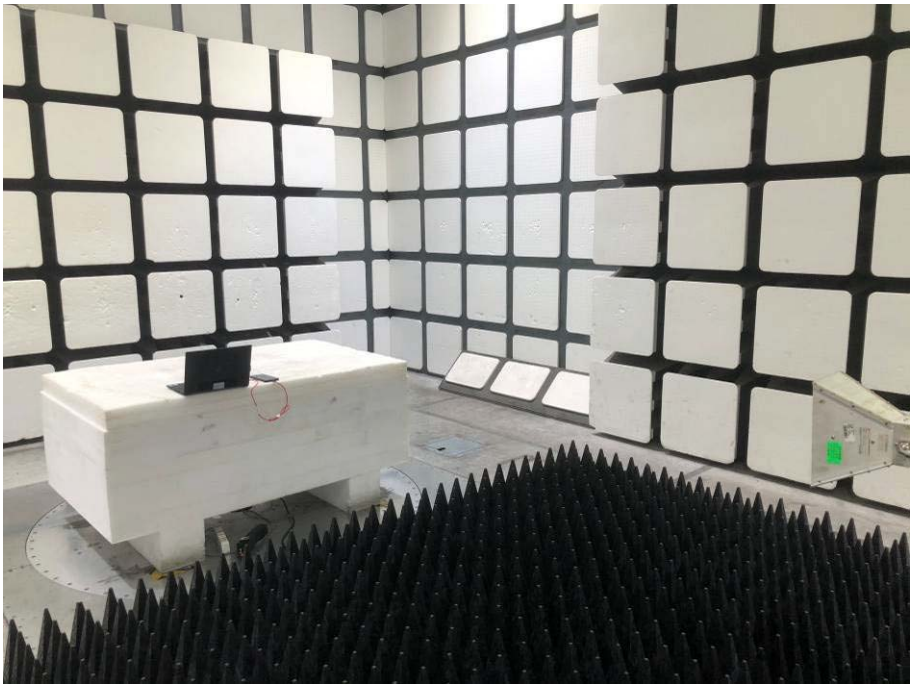
Radiated Emissions – Rear View (Below 1 GHz)



Radiated Emissions –Front View (Above 1 GHz)



Radiated Emissions – Rear View (Above 1 GHz)



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