



FCC TEST REPORT

For

Shenzhen Jcvap Technology Company Limited

JCVAP Pockety

Test Model: Pockety

Prepared for : Shenzhen Jcvap Technology Company Limited

Address

Bao'an District, Shenzhen, China

Prepared by : Shenzhen LCS Compliance Testing Laboratory Ltd.

Address

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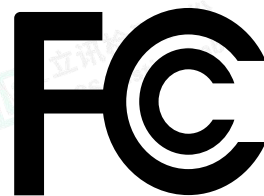
Date of receipt of test sample : April 21, 2025

Number of tested samples : 1

Serial number : Prototype

Date of Test : April 21, 2025 to April 27, 2025

Date of Report : April 28, 2025



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**TEST REPORT****Report No.** : LCSA04215007E**Date of Issue** : April 28, 2025**Testing Laboratory Name** : Shenzhen LCS Compliance Testing Laboratory Ltd.**Address** : Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China**Testing Location/ Procedure** : Full application of Harmonised standards ■
Partial application of Harmonised standards □
Other standard testing method □**Applicant's Name** : Shenzhen Jcvap Technology Company Limited**Address** : [Redacted]
China**Test Specification****Standard** : FCC 47 CFR Part 15, Subpart B
ANSI C63.4-2014**Test Report Form No.** : TRF-4-E-010 A/0**TRF Originator** : Shenzhen LCS Compliance Testing Laboratory Ltd.**Master TRF** : Dated 2011-03**Shenzhen LCS Compliance Testing Laboratory Ltd. All rights reserved.**

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Test Item Description : JCVAP Pockety**Trade Mark** : JCVAP**Test Model** : Pockety**Result** : Pass**Compiled by:**

Emma wang / File Administrator

Supervised by:

Jelly Li/ Technique principal

Approved by:

Gavin Liang / Manager



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TEST REPORT

Test Report No.: LCSA04215007E	April 28, 2025 Date of issue
--------------------------------	---------------------------------

Test Model.....	: Pockety
EUT.....	: JCVAP Pockety
Applicant.....	: Shenzhen Jcvap Technology Company Limited
Address.....	: [REDACTED]
Telephone.....	: /
Fax.....	: /
Manufacturer.....	: Dongguan TongLixin Intelligent Technology Co., Ltd.
Address.....	: Unit 3A11, Section 3, Building 1, No. 5 Shouchang Road, Songshan Lake, Dongguan, Guangdong, China
Telephone.....	: /
Fax.....	: /
Factory.....	: Dongguan TongLixin Intelligent Technology Co., Ltd.
Address.....	: Unit 3A11, Section 3, Building 1, No. 5 Shouchang Road, Songshan Lake, Dongguan, Guangdong, China
Telephone.....	: /
Fax.....	: /

Test Result	Pass
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The test report merely corresponds to the test sample.

It is not permitted to copy extracts of these test result without the written permission of the test laboratory.



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Revision History

Report Version	Issue Date	Revision Content	Revised By
000	April 28, 2025	Initial Issue	/





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1. SUMMARY OF STANDARDS AND RESULTS

1.1 Description of Standards and Results

The EUT have been tested according to the applicable standards as referenced below.

Description of Test Item	Standard	Limits	Result
Conducted emissions on AC mains	FCC 47 CFR Part 15, Subpart B ANSI C63.4-2014	15.107, Class B	Pass
Radiated emissions (Below 1GHz)	FCC 47 CFR Part 15, Subpart B ANSI C63.4-2014	15.109, Class B	Pass





1.2 Description of Test Modes

No	Title	Description
TM1	Charging(DC 5V From USB Host Unit)	Record
TM2	Working(DC 7.4V From battery)	Pre-scan





2. GENERAL INFORMATION

2.1 Description of Device (EUT)

EUT	: JCVAP Pockety
Test Model	: Pockety
Power Supply	: Input: DC 5V 1.5A Battery: DC 7.4V
Highest Internal Frequency	: 1.705-108MHz
Classification of Equipment	: Class B

Highest internal frequency (Fx)	Highest measured frequency
$F_x \leq 1.705\text{MHz}$	30MHz
$1.705\text{MHz} < F_x \leq 108\text{MHz}$	1GHz
$108\text{MHz} < F_x \leq 500\text{MHz}$	2GHz
$500\text{MHz} < F_x \leq 1000\text{MHz}$	5GHz
$F_x > 1\text{GHz}$	5 x Fx up to a maximum of 40GHz

2.2 Support equipment List

Manufacturer	Description	Model	Serial Number	Certificate
Xiaomi Communication Technology Co., LTD	Power adapter	MDY-12-EF	TA62305N201981 G	/

2.3 Description of Test Facility

The data and results referenced in this document are true and accurate. The reader is cautioned that there may be errors within the calibration limits of the equipment and facilities. The measurement uncertainty was calculated for all measurements listed in this test report acc. To CISPR 16 – 4 “Specification for radio disturbance and immunity measuring apparatus and methods – Part 4: Uncertainty in EMC Measurements” and is documented in the LCS quality system acc. To DIN EN ISO/IEC 17025. Furthermore, component and process variability of devices similar to that tested may result in additional deviation. The manufacturer has the sole responsibility of continued compliance of the device.

NVLAP Accreditation Code is 600167-0.

FCC Designation Number is CN5024.

CAB identifier is CN0071.

CNAS Registration Number is L4595.

2.4 Measurement Uncertainty

Test Item	Measurement Uncertainty
Conducted Emission (150kHz to 30MHz)	$\pm 2.35 \text{ dB}$
Radiated Emission (30MHz to 1000MHz)	$\pm 3.48 \text{ dB}$
Note: This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.	





3. MEASURING DEVICES AND TEST EQUIPMENT

Conducted emissions from AC mains power ports (150kHz-30MHz)

Equipment	Manufacturer	Model No	Serial No.	Due Date
EMI Test Software	Farad	EZ	/	/
Artificial Mains	R&S	ENV216	101288	2025-06-05
Pulse Limiter	R&S	ESH3-Z2	102750-NB	2025-06-05
EMI Test Receiver	R&S	ESR3	102312	2026-03-05

Radiated emissions (30MHz-1GHz)

Equipment	Manufacturer	Model No	Serial No.	Due Date
EMI Test Software	Farad	EZ	/	/
EMI Test Software	AUDIX	E3	/	/
By-log Antenna	SCHWARZBECK	VULB9163	01143	2027-07-19
Horn Antenna	SCHWARZBECK	3115	EABF-018	2027-07-19
EMI Test Receiver	R&S	ESR3	102311	2025-06-05
Broadband Preamplifier	/	BP-01M18G	P190501	2025-06-05
EMI Test Receiver	R&S	ESCI7	101173	2025-10-07
By-log Antenna	SchwarzZBECK	VULB9163	01565	2027-07-12





4. EMISSION TEST RESULTS (EMI)

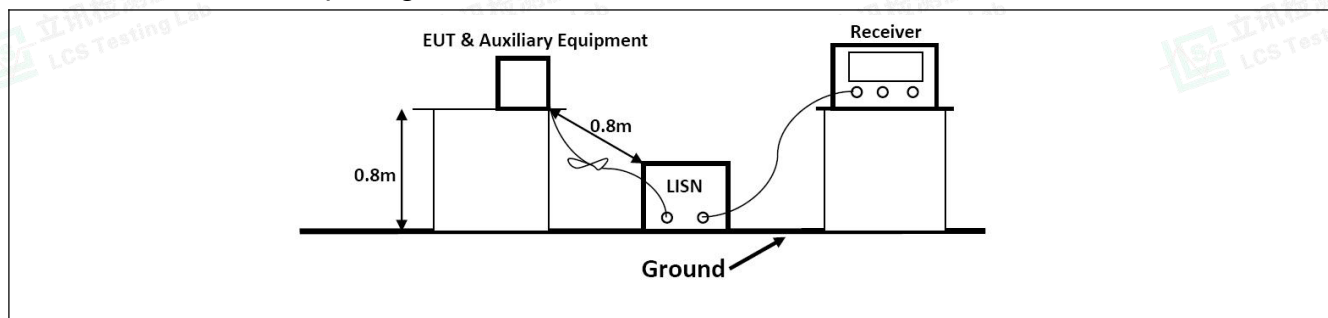
4.1 Conducted emissions on AC mains

Test Requirement:	15.107, Class B		
Test Limit:	Frequency of emission (MHz)	Conducted limit (dBμV)	
		Quasi-peak	Average
	0.15-0.5	66 to 56*	56 to 46*
	0.5-5	56	46
	5-30	60	50
	*Decreases with the logarithm of the frequency.		
Test Method:	ANSI C63.4-2014		
Procedure:	An initial pre-scan was performed with peak detector. Quasi-Peak or Average measurement were performed at the frequencies with maximized peak emission were detected. Remark: Level= Read Level+ Cable Loss+ LISN Factor		

4.1.1 E.U.T. Operation:

Operating Environment:			
Temperature:	23.5 °C	Humidity:	53.6 %
Pre test mode:	TM1		
Final test mode:	TM1		

4.1.2 Test Setup Diagram:





4.1.3 Test Data:

TM1 / Line: Line



No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1	0.191	30.99	20.66	51.65	63.99	-12.34	QP	
2	0.191	14.35	20.66	35.01	53.99	-18.98	AVG	
3	0.258	29.23	20.72	49.95	61.50	-11.55	QP	
4	0.258	10.08	20.72	30.80	51.50	-20.70	AVG	
5	0.740	20.69	20.94	41.63	56.00	-14.37	QP	
6	0.740	7.43	20.94	28.37	46.00	-17.63	AVG	
7	1.671	24.20	20.82	45.02	56.00	-10.98	QP	
8	1.671	9.57	20.82	30.39	46.00	-15.61	AVG	
9 *	8.354	30.01	20.43	50.44	60.00	-9.56	QP	
10	8.354	14.46	20.43	34.89	50.00	-15.11	AVG	
11	16.777	24.41	20.70	45.11	60.00	-14.89	QP	
12	16.777	9.54	20.70	30.24	50.00	-19.76	AVG	



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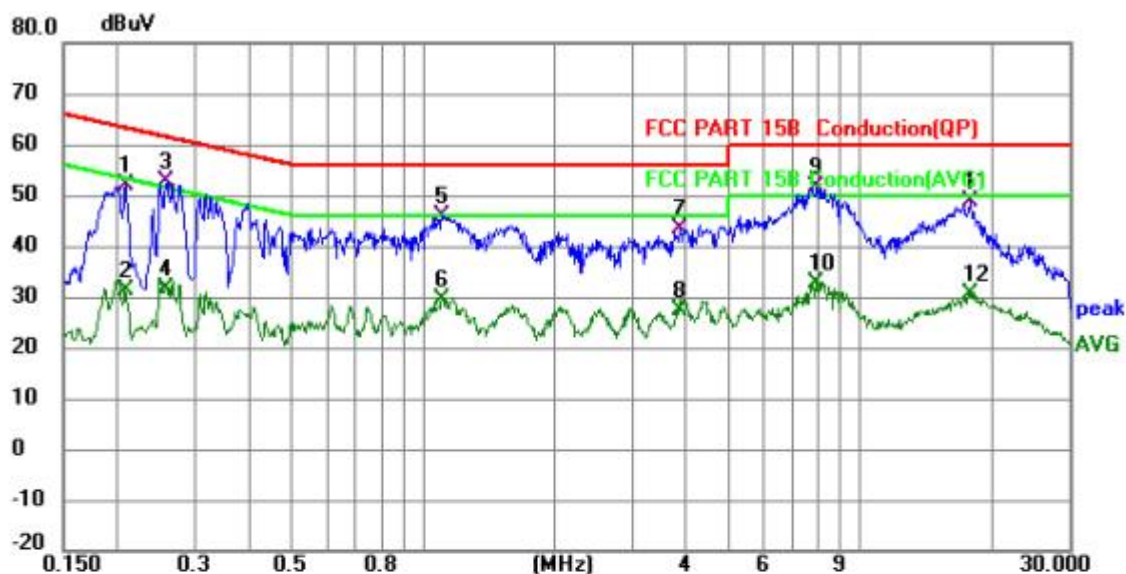
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TM1 / Line: Neutral



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1		0.208	31.20	20.62	51.82	63.28	-11.46	QP	
2		0.208	10.58	20.62	31.20	53.28	-22.08	AVG	
3		0.258	31.95	20.67	52.62	61.50	-8.88	QP	
4		0.258	11.09	20.67	31.76	51.50	-19.74	AVG	
5		1.104	24.98	20.90	45.88	56.00	-10.12	QP	
6		1.104	8.53	20.90	29.43	46.00	-16.57	AVG	
7		3.862	22.42	20.88	43.30	56.00	-12.70	QP	
8		3.862	6.28	20.88	27.16	46.00	-18.84	AVG	
9	*	7.962	31.06	20.52	51.58	60.00	-8.42	QP	
10		7.962	12.04	20.52	32.56	50.00	-17.44	AVG	
11		17.858	27.94	20.71	48.65	60.00	-11.35	QP	
12		17.858	9.74	20.71	30.45	50.00	-19.55	AVG	

***Note: 1) Pre-scan all modes and recorded the worst case results in this report.

2) Margin= Reading level + Correct factor-Limit

Correct Factor=Lisn Factor+Cable Factor+Insertion loss of Pulse Limiter





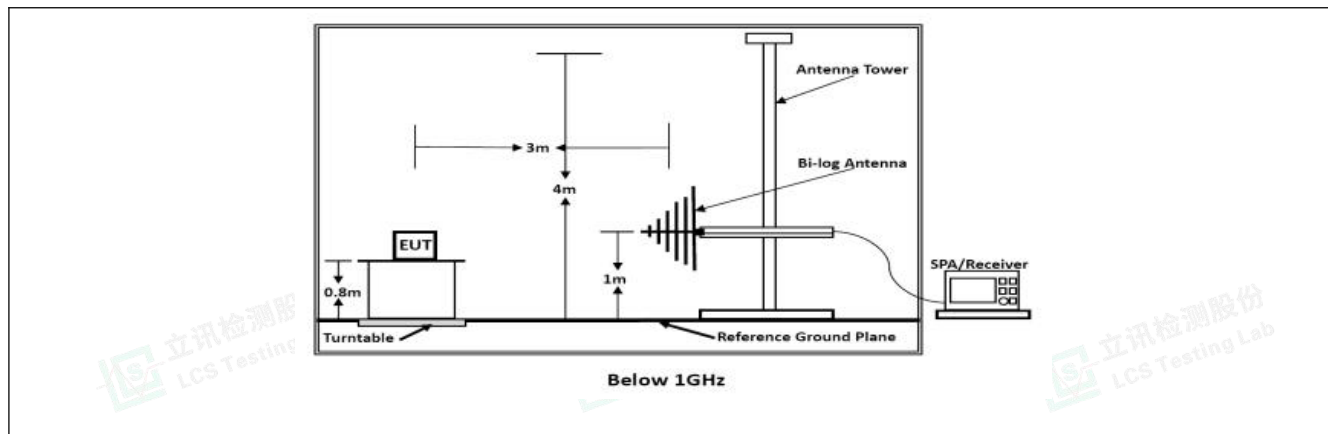
4.2 Radiated emissions (Below 1GHz)

Test Requirement:	15.109, Class B				
Test Limit:	Except for Class A digital devices, the field strength of radiated emissions from unintentional radiators at a distance of 3 meters shall not exceed the following values:				
	Frequency of emission (MHz)	Field strength @3m		Field strength @10m	
		(uV/m)	(dBuV/m)	(uV/m)	(dBuV/m)
	30 – 88	100	40	30	29.5
	88 – 216	150	43.5	45	33.1
	216 – 960	200	46	60	35.6
	Above 960	500	54	150	43.5
Test Method:	ANSI C63.4-2014				
Procedure:	An initial pre-scan was performed in the chamber using the spectrum analyser in peak detection mode. Quasi-peak measurements were conducted based on the peak sweep graph. The EUT was measured by BiConiLog antenna with 2 orthogonal polarities. Remark: Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor				

4.2.1 E.U.T. Operation:

Operating Environment:			
Temperature:	22.3 °C	Humidity:	53 %
Pre test mode:	TM1, TM2		
Final test mode:	TM1, TM2		

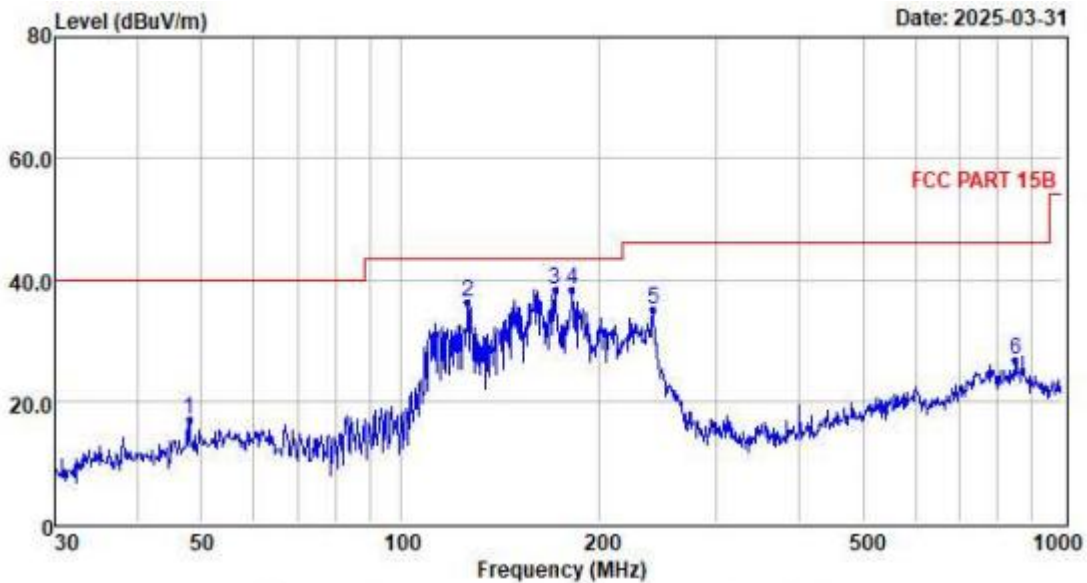
4.2.2 Test Setup Diagram:





4.2.3 Test Data:

TM1 / Polarization: Horizontal



	Freq	Reading	CabLos	Antfac	Measured	Limit	Over	Remark
	MHz	dBuV	dB	dB/m	dBuV/m	dBuV/m	dB	
1	47.99	4.22	0.58	12.13	16.93	40.00	-23.07	QP
2	126.33	25.53	0.93	9.83	36.29	43.50	-7.21	QP
3	171.39	27.56	1.11	9.71	38.38	43.50	-5.12	QP
4	181.92	27.20	1.15	9.90	38.25	43.50	-5.25	QP
5	240.83	21.68	1.25	12.22	35.15	46.00	-10.85	QP
6	851.04	3.59	2.05	21.10	26.74	46.00	-19.26	QP

Note: 1. All readings are Quasi-peak values.

2. Measured= Reading + Antenna Factor + Cable Loss

3. The emission that are 20db below the official limit are not reported



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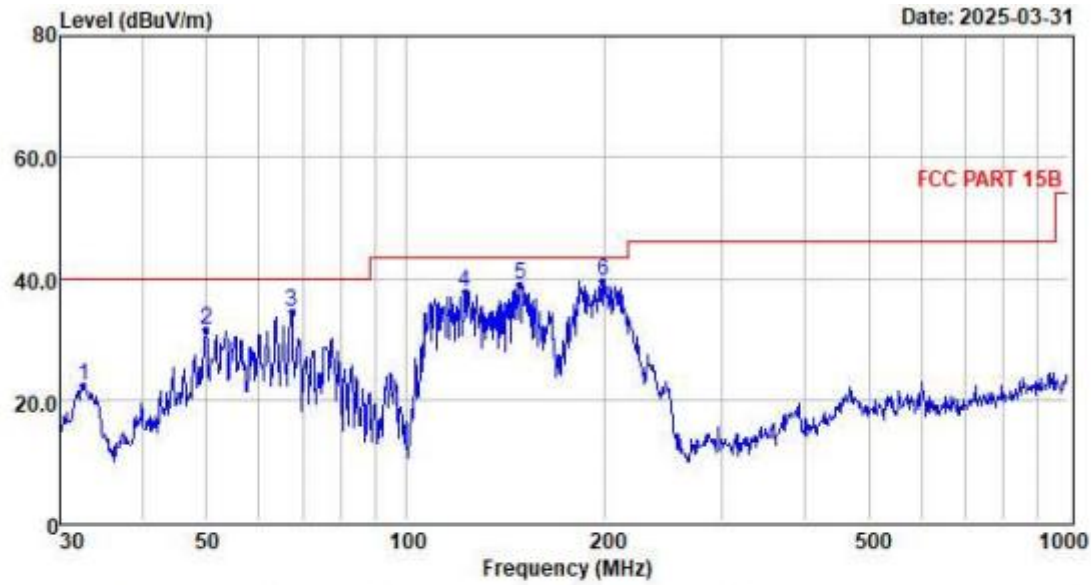
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TM1 / Polarization: Vertical



	Freq	Reading	CabLos	Antfac	Measured	Limit	Over	Remark
	MHz	dBuV	dB	dB/m	dBuV/m	dBuV/m	dB	
1	32.63	11.00	0.43	10.76	22.19	40.00	-17.81	QP
2	49.88	18.34	0.60	12.57	31.51	40.00	-8.49	QP
3	67.20	23.09	0.69	10.81	34.59	40.00	-5.41	QP
4	122.83	26.58	0.92	10.25	37.75	43.50	-5.75	QP
5	148.96	29.21	1.03	8.68	38.92	43.50	-4.58	QP
6	198.59	27.54	1.20	10.73	39.47	43.50	-4.03	QP

Note: 1. All readings are Quasi-peak values.

2. Measured= Reading + Antenna Factor + Cable Loss

3. The emission that are 20db below the official limit are not reported



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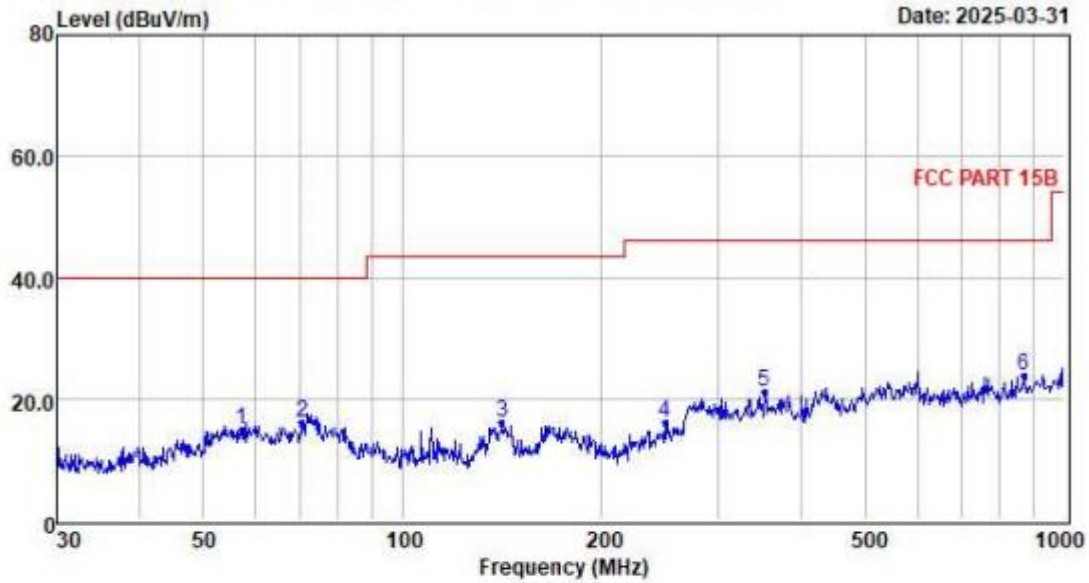
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TM2 / Polarization: Horizontal



	Freq	Reading	CabLos	Antfac	Measured	Limit	Over	Remark
	MHz	dBuV	dB	dB/m	dBuV/m	dBuV/m	dB	
1	57.19	1.64	0.64	12.53	14.81	40.00	-25.19	QP
2	70.58	5.17	0.70	10.18	16.05	40.00	-23.95	QP
3	141.33	6.65	1.00	8.53	16.18	43.50	-27.32	QP
4	249.43	2.55	1.26	12.39	16.20	46.00	-29.80	QP
5	352.94	4.84	1.36	14.85	21.05	46.00	-24.95	QP
6	869.13	0.59	2.07	21.18	23.84	46.00	-22.16	QP

Note: 1. All readings are Quasi-peak values.

2. Measured= Reading + Antenna Factor + Cable Loss

3. The emission that are 20db below the official limit are not reported



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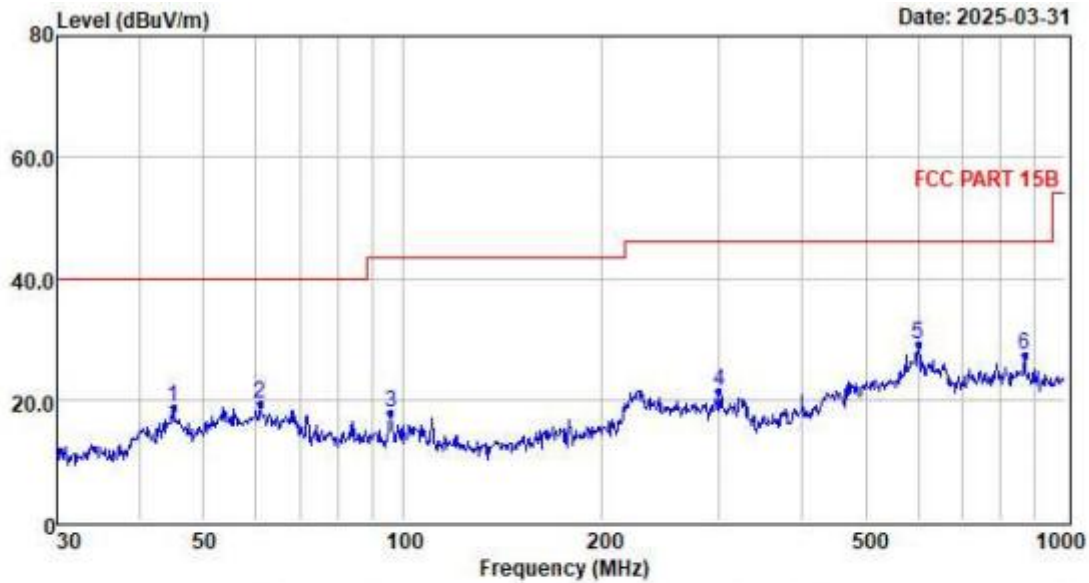
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TM2 / Polarization: Vertical



	Freq	Reading	CabLos	Antfac	Measured	Limit	Over	Remark
	MHz	dBuV	dB	dB/m	dBuV/m	dBuV/m	dB	
1	45.06	6.64	0.56	11.41	18.61	40.00	-21.39	QP
2	60.92	6.28	0.66	12.27	19.21	40.00	-20.79	QP
3	95.76	6.73	0.79	10.21	17.73	43.50	-25.77	QP
4	300.37	6.41	1.32	13.70	21.43	46.00	-24.57	QP
5	601.43	8.22	1.50	19.28	29.00	46.00	-17.00	QP
6	869.13	4.05	2.07	21.18	27.30	46.00	-18.70	QP

Note: 1. All readings are Quasi-peak values.

2. Measured= Reading + Antenna Factor + Cable Loss

3. The emission that are 20db below the official limit are not reported

Note:1).Pre-Scan all mode, Thus record worse case mode result in this report.

2) Margin= Reading level + Correct factor – Limit

Correct Factor=Antenna Factor+Cable Factor- Pre-amplifier Factor



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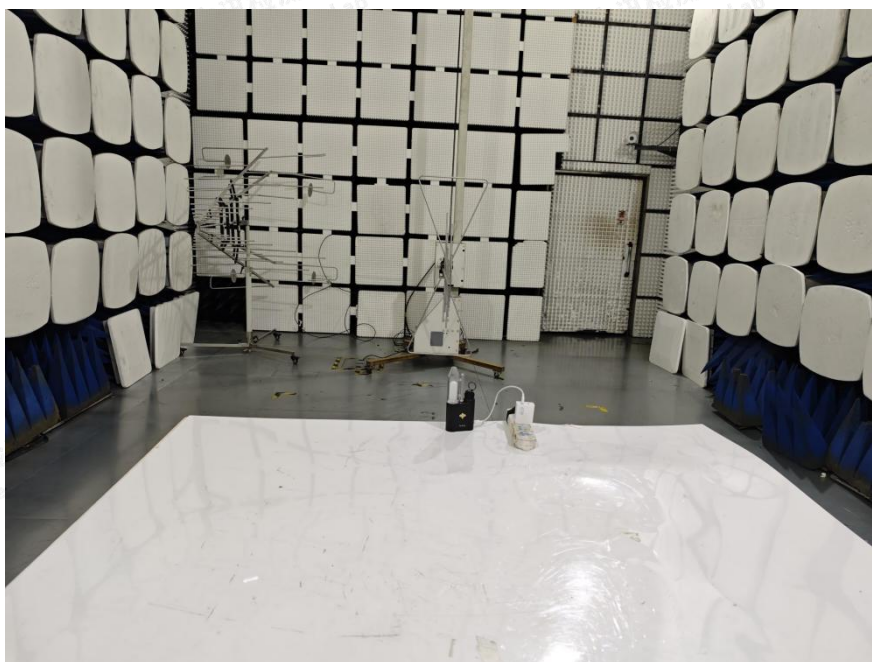


5. TEST SETUP PHOTOS

Conducted emissions on AC mains



Radiated emissions (Below 1GHz)





6. EUT CONSTRUCTIONAL DETAILS (EUT PHOTOS)

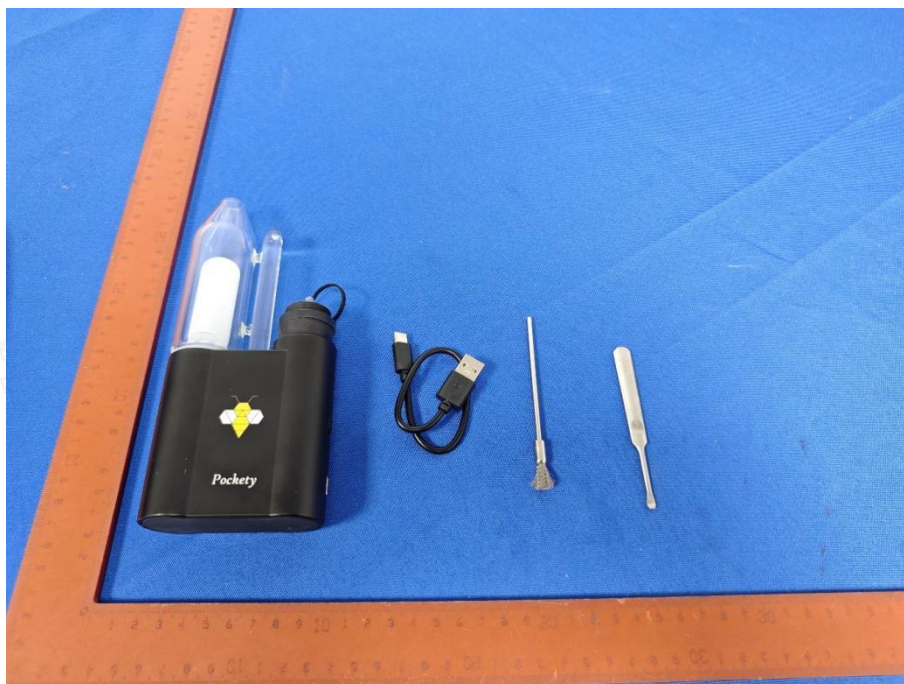


Fig. 1



Fig. 2





Fig. 3



Fig. 4





Fig. 5



Fig. 6





Fig. 7



Fig. 8



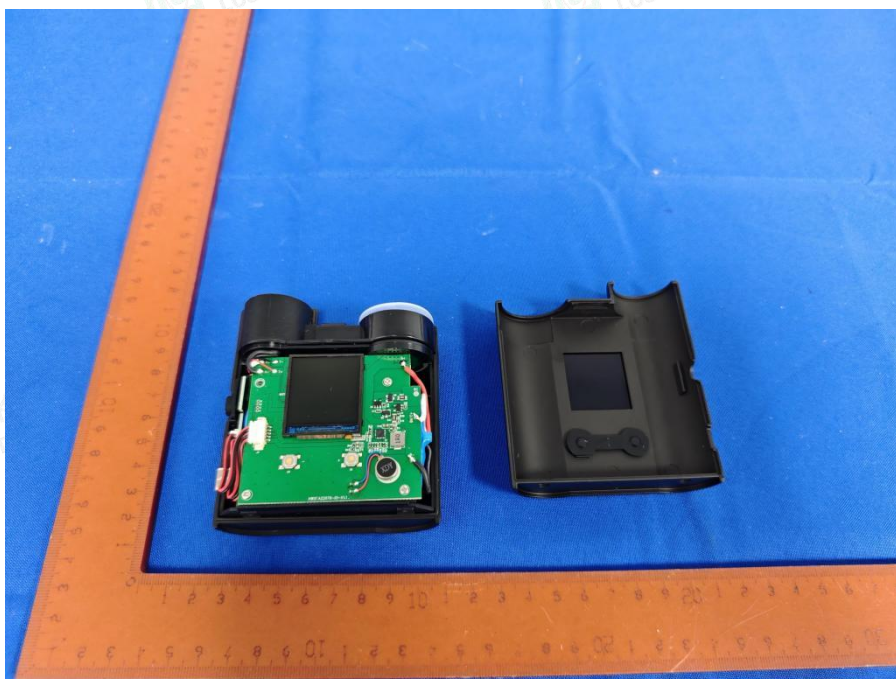


Fig. 9

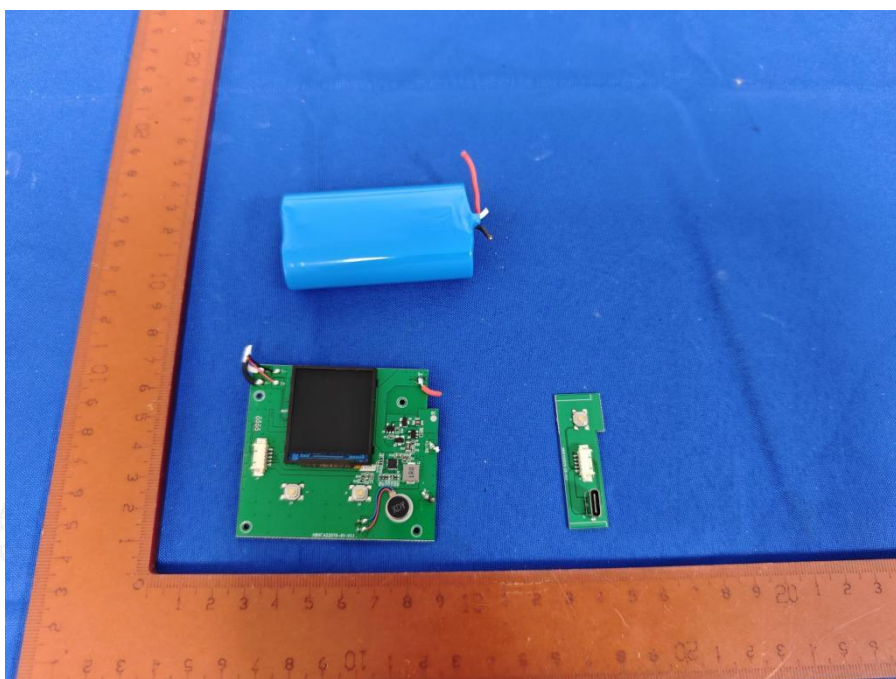


Fig. 10



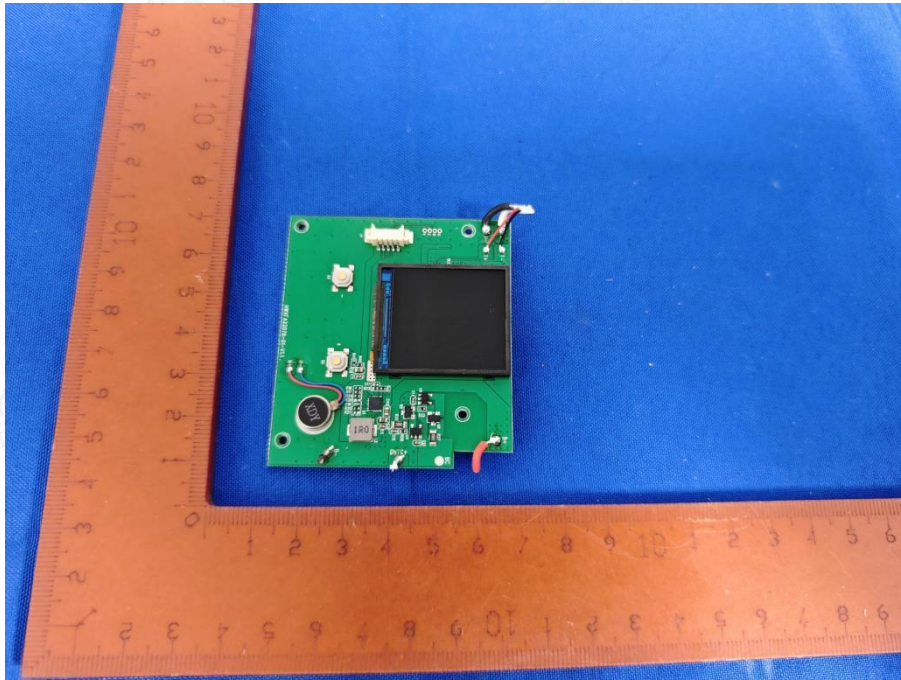


Fig. 11

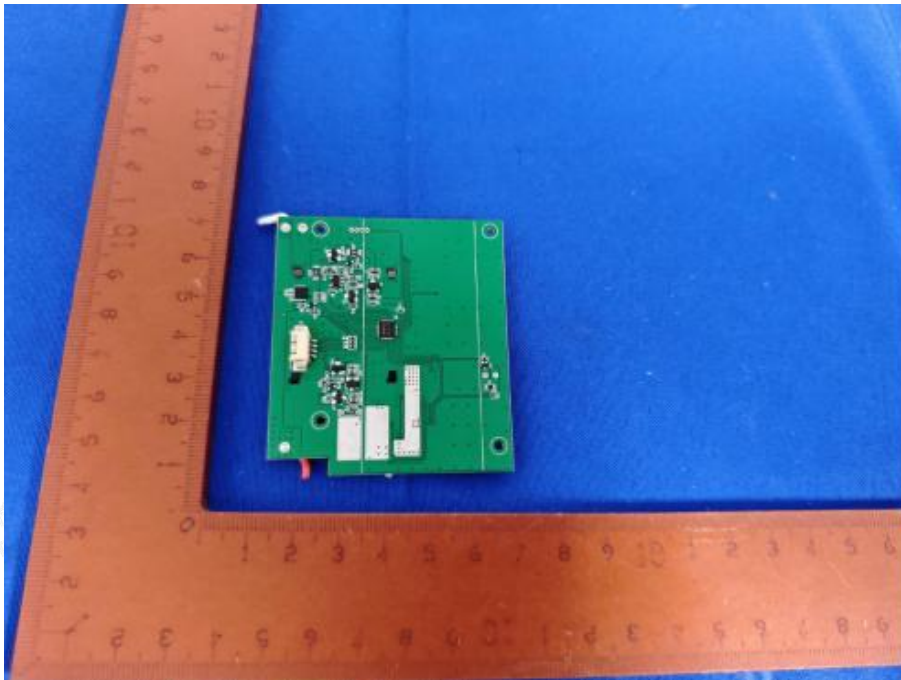


Fig. 12



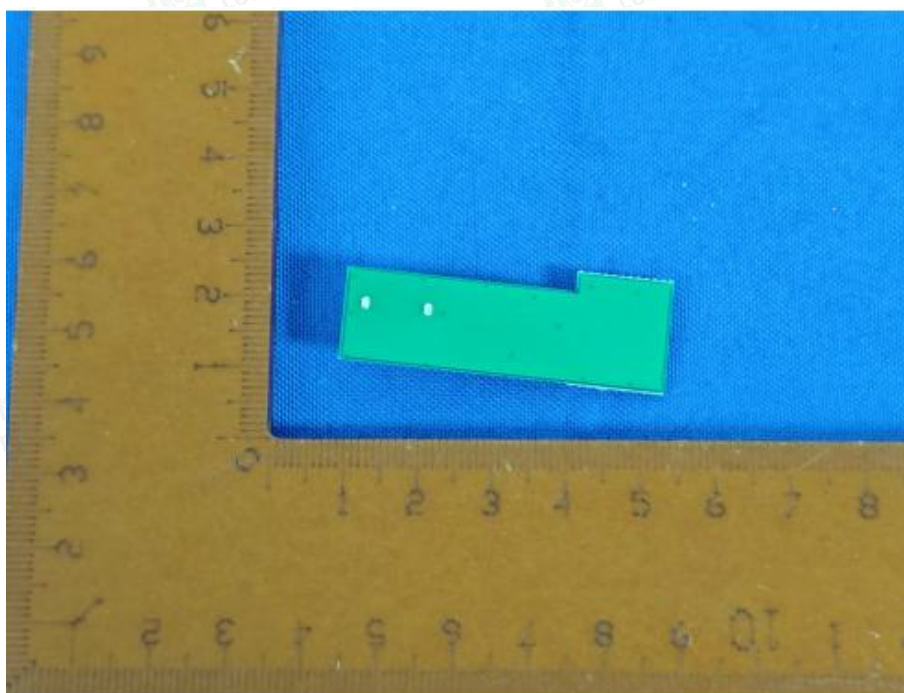


Fig. 13

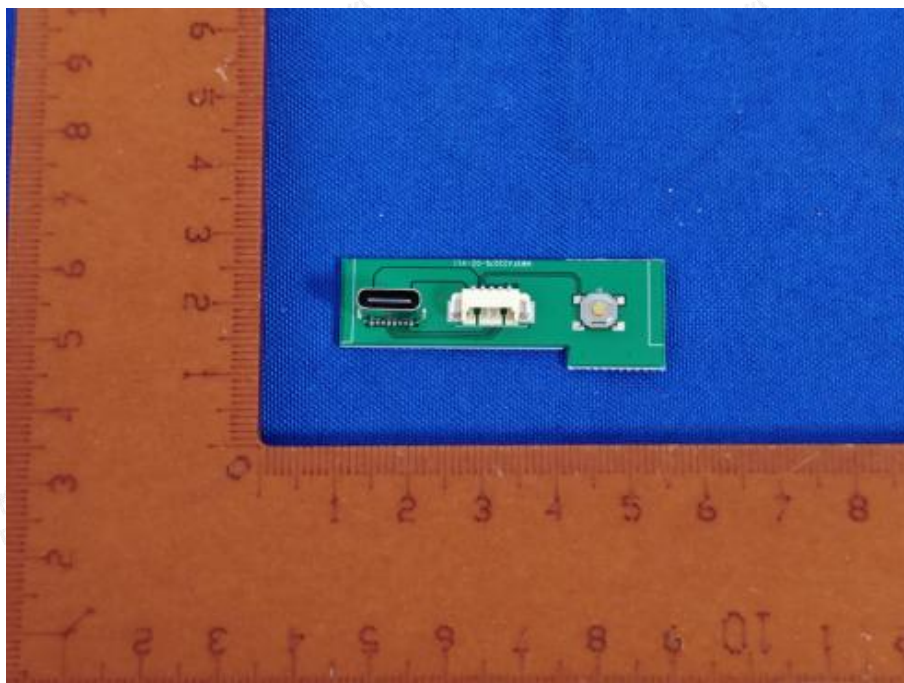


Fig. 14



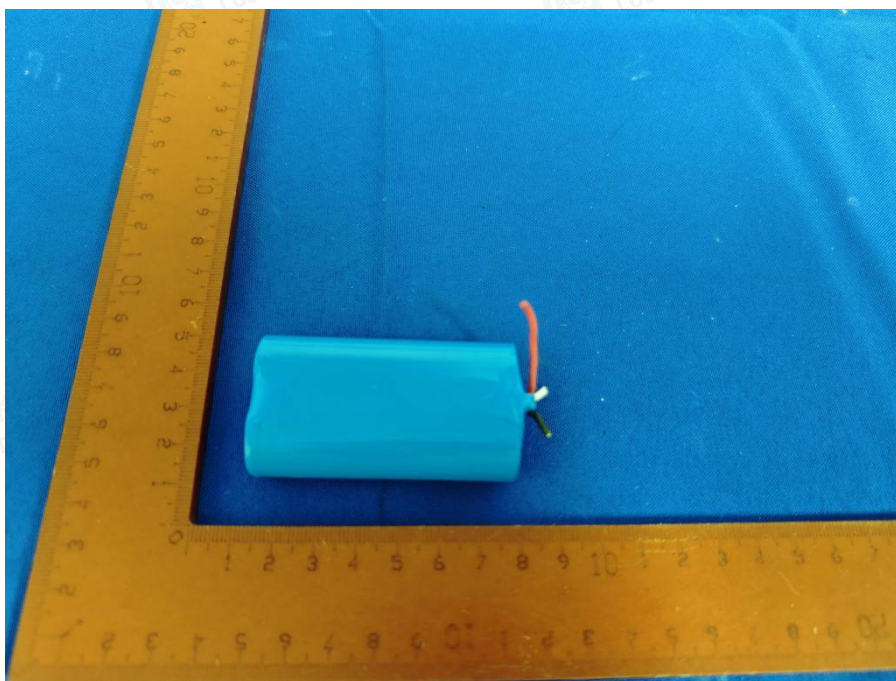


Fig. 15

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