



TEST REPORT

Reference No..... : WTX25X02032597E
Applicant..... : GlobTek, Inc.
Address..... : 186 Veterans Dr. Northvale, NJ 07647 USA
Manufacturer..... : GlobTek, Inc.
Address..... : 186 Veterans Dr. Northvale, NJ 07647 USA
Product Name..... : Li-ion Battery Pack
Model No..... : BL2600C186502S1P****
Standards..... : 47 CFR FCC Part 15, Subpart B
Date of Receipt sample..... : 2025-02-27
Date of Test..... : 2025-02-27 to 2025-03-03
Date of Issue..... : 2025-03-03
Test Report Form No. : WTX_FCC PART15B_001
Test Result..... : Pass

Remarks:

The results shown in this test report refer only to the sample(s) tested, this test report cannot be reproduced, except in full, without prior written permission of the company. The report would be invalid without specific stamp of test institute and the signatures of approve.

Prepared By:

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Approved by:

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TABLE OF CONTENTS

1.	GENERAL INFORMATION.....	4
1.1	Product Description for Equipment Under Test (EUT).....	4
1.2	Test Standards.....	5
1.3	Test Location	5
1.4	Test Facility.....	5
1.5	EUT Setup and Operation Mode	6
1.6	Measurement Uncertainty	6
1.7	Test Equipment List and Details.....	7
2.	SUMMARY OF TEST RESULTS	8
3.	EMISSION TEST RESULTS (EMI)	9
3.1	Radiated emissions (Below 1GHz)	9
4.	EXHIBIT 1 - PRODUCT LABELING.....	13
4.1	Proposed Label Format	13
4.2	Proposed Label Location of EUT.....	13
5.	EXHIBIT 2 - EUT PHOTOGRAPHS.....	14
6.	EXHIBIT 3 - TEST SETUP PHOTOGRAPHS.....	17
7.	EXHIBIT 4 - USERS MANUAL	18

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Report version

Version No.	Date of issue	Description
Rev.00	2025-03-03	Original
/	/	/

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1. GENERAL INFORMATION

1.1 Product Description for Equipment Under Test (EUT)

Client Information

Factory name1: GlobTek, Inc.

Factory address1: 186 Veterans Dr. Northvale, NJ 07647 USA

Factory name2: GlobTek (Suzhou) Co., Ltd

Factory address2: Building 4, No. 76, Jin Ling East Rd., Suzhou Industrial Park,
Suzhou, JiangSu 215021, China

General Description of EUT

Product Name: Li-ion Battery Pack

Trade Name: 

Model No.: BL2600C186502S1P****

Adding Model(s): /

Note: The test data is gathered from production sample, provided by the manufacturer.

*BL2600C186502S1P**** (* can be 0-9 or A-Z or any special character or blank. represent customization of the wire length or connector type or designation and wiring of the connector, or firmware variations)*

Technical Characteristics of EUT

Power Supply: DC 7.3V

Power Adaptor: /

Cable: /

Rated Power: /

Rated Current: /

Lowest Internal Frequency: /

Highest Internal Frequency: Below 108MHz

Classification of Equipment: Class B



1.2 Test Standards

The tests were performed according to following standards:

47 CFR FCC Part 15, Subpart B: Unintentional Radiators

Maintenance of compliance is the responsibility of the manufacturer. Any modification of the product maybe which result in lowering the emission/immunity should be checked to ensure compliance has been maintained.

1.3 Test Location

Laboratory: Waltek Testing Group (Shenzhen) Co., Ltd.

Address: 1/F., Room 101, Building 1, Hongwei Industrial Park, Liuxian 2nd Road, Block 70 Bao'an District, Shenzhen, Guangdong, China

1.4 Test Facility

FCC – Registration No.: 125990

Waltek Testing Group (Shenzhen) Co., Ltd. EMC Laboratory has been registered and fully described in a report filed with the FCC (Federal Communications Commission). The acceptance letter from the FCC is maintained in our files. The Designation Number is CN5010, and Test Firm Registration Number is 125990.

Industry Canada (IC) Registration No.: 11464A

The 3m Semi-anechoic chamber of Waltek Testing Group (Shenzhen) Co., Ltd. has been registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing with Registration No.: 11464A and the CAB identifier is CN0057.



1.5 EUT Setup and Operation Mode

The equipment under test (EUT) was configured to measure its highest possible emission. The test modes were adapted according to the operation manual for use, more detailed description as follows:

No	Title	Description
TM1	Working Mode	DC 7.3V

1.6 Measurement Uncertainty

Test Item	Measurement Uncertainty
Radiated Emissions (30M - 1000MHz)	30-200MHz: $\pm 4.52\text{dB}$ 200-1000MHz: $\pm 5.56\text{dB}$

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1.7 Test Equipment List and Details

Radiated emissions (Below 1GHz)					
Description	Manufacturer	Model	Serial No.	Cal. Date	Due. Date
EMI Test Receiver	Rohde & Schwarz	ESPI	101391	2025-02-23	2026-02-22
Amplifier	Agilent	8447D	2944A10457	2025-02-23	2026-02-22
Trilog Broadband Antenna	Schwarz beck	VULB9163(B)	9163-635	2024-03-17	2027-03-16
EMI Test Software (Radiated Emission B)	Farad	EZ-EMC	RA-03A1 (1.1.4.2)	/	/

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2. SUMMARY OF TEST RESULTS

Item	Standard	Method	Result
Radiated emissions (Below 1GHz)	47 CFR FCC Part 15, Subpart B	ANSI C63.4-2014 ANSI C63.4a-2017	Compliant

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3. Emission Test Results (EMI)

3.1 Radiated emissions (Below 1GHz)

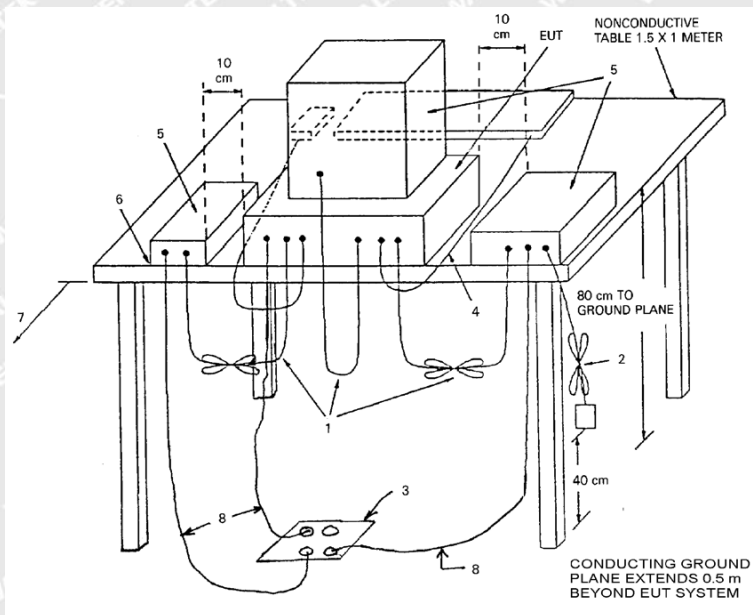
Test Requirement:	15.109, Class B				
Test Limit:	Except for Class A digital devices, the field strength of radiated emissions from unintentional radiators at a distance of 3 meters shall not exceed the following values:				
	Frequency of emission (MHz)	Field strength @3m		Field strength @10m	
		(uV/m)	(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 ANSI C63.4a-2017				
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				

3.1.1 E.U.T. Operation

Environmental Conditions	
Temperature:	23.5 °C
Relative Humidity:	54 %
Atmospheric Pressure:	99.8 kPa
Test mode:	TM1



3.1.2 Basic Test Setup Block Diagram

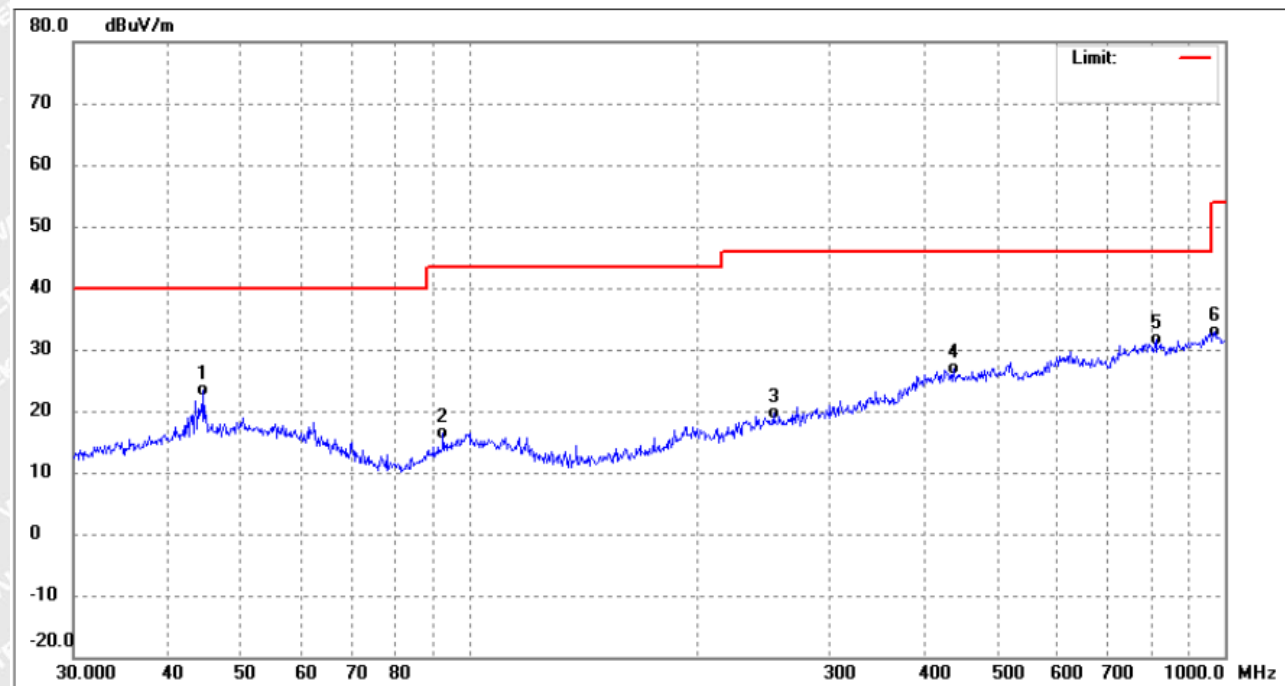


3.1.3 Summary of Test Results

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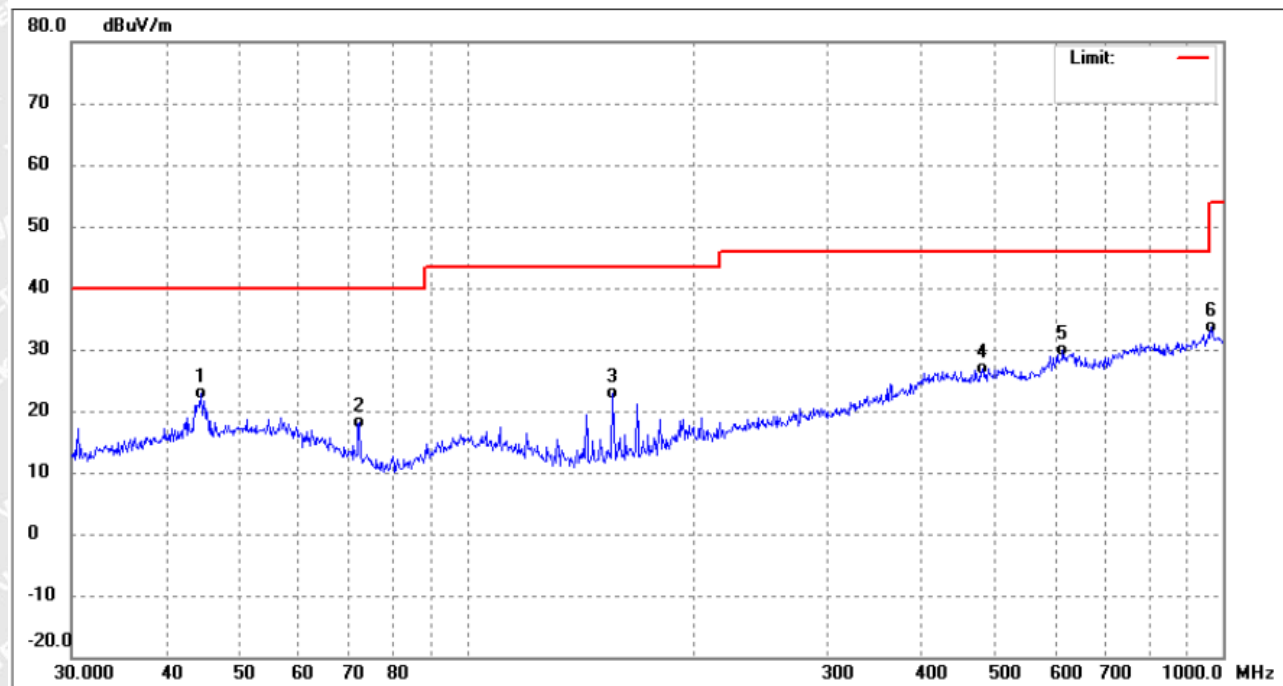
TM1 / Polarization: Horizontal



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	44.5868	33.64	-10.31	23.33	40.00	-16.67	QP
2	92.4624	29.51	-13.17	16.34	43.50	-27.16	QP
3	252.9482	28.03	-8.46	19.57	46.00	-26.43	QP
4	437.1199	29.00	-2.02	26.98	46.00	-19.02	QP
5	810.2654	29.23	2.38	31.61	46.00	-14.39	QP
6	968.9338	28.02	4.84	32.86	54.00	-21.14	QP



TM1 / Polarization: Vertical



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	44.5868	33.21	-10.31	22.90	40.00	-17.10	QP
2	72.0843	33.01	-14.86	18.15	40.00	-21.85	QP
3	155.9101	37.03	-14.08	22.95	43.50	-20.55	QP
4	480.5276	29.13	-2.18	26.95	46.00	-19.05	QP
5	614.2142	29.16	0.65	29.81	46.00	-16.19	QP
6	965.5421	28.75	4.80	33.55	54.00	-20.45	QP



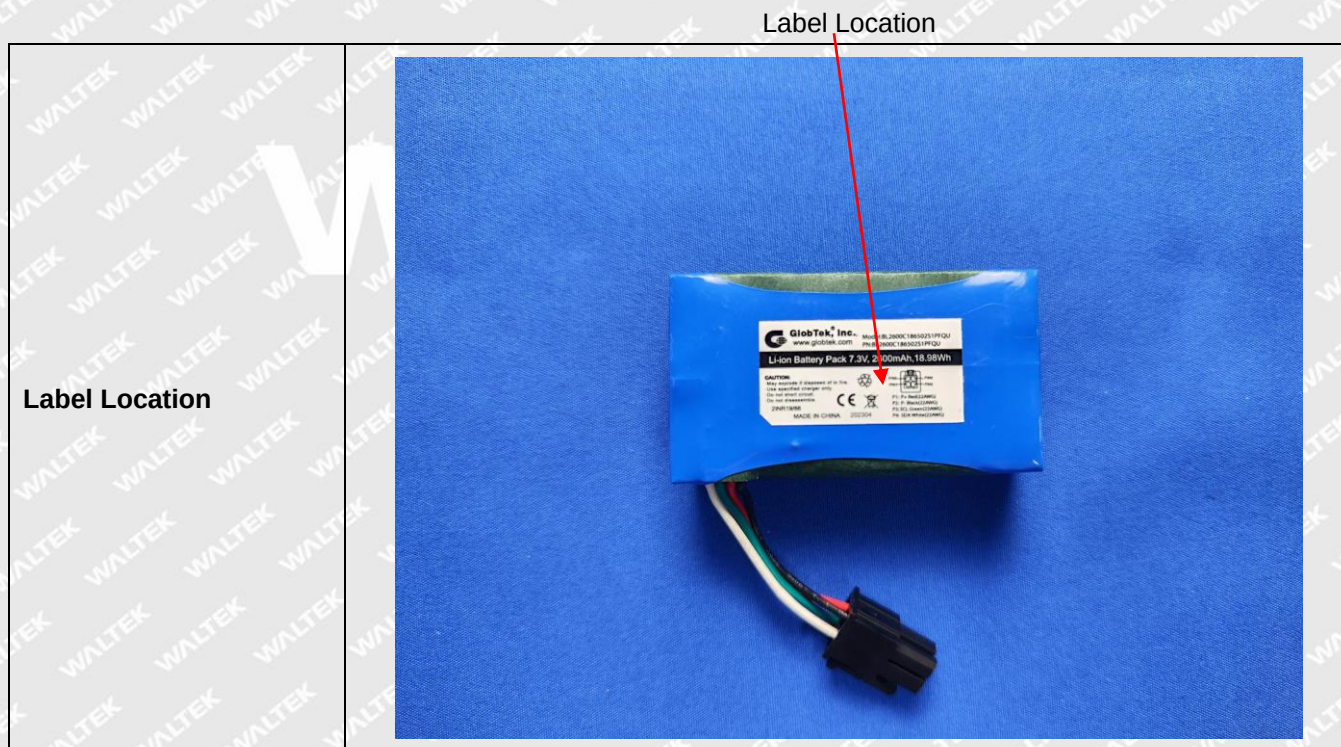
4. EXHIBIT 1 - PRODUCT LABELING

4.1 Proposed Label Format



Specifications: Text is Black in color and is justified. Labels are printed in indelible ink on permanent adhesive backing or silk-screened onto the EUT or shall be affixed at a conspicuous location on the EUT. Where the EUT is constructed in two or more sections connected by wires and marketed together, the above statement is required to be affixed only to the main control unit. When the EUT is so small or for such use that it is not practicable to place the statement on it, the above information shall be placed in a prominent location in the instruction manual or pamphlet supplied to the user or, alternatively, shall be placed on the container in which the device is marketed.

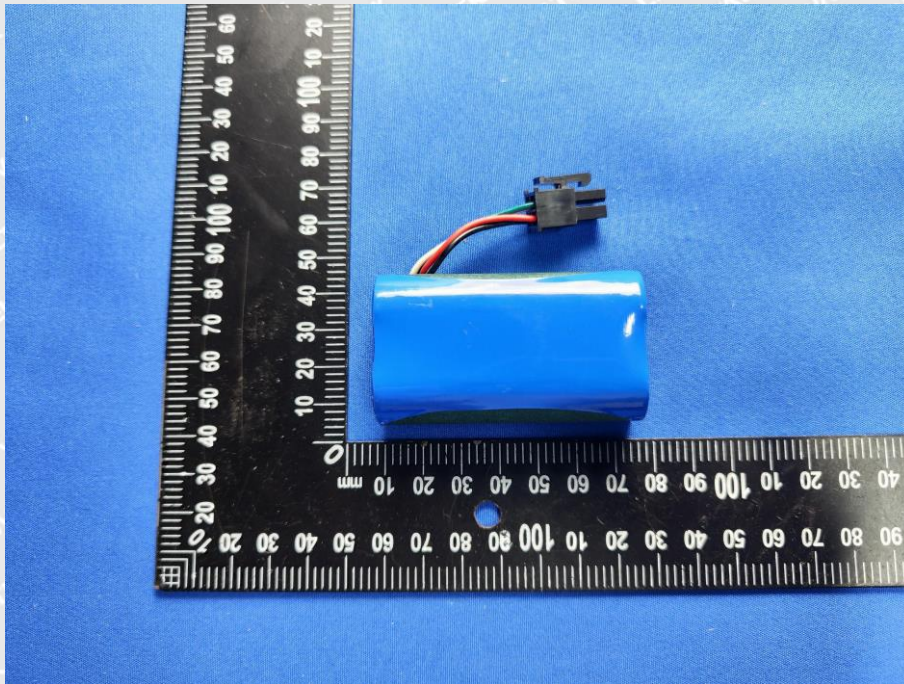
4.2 Proposed Label Location of EUT

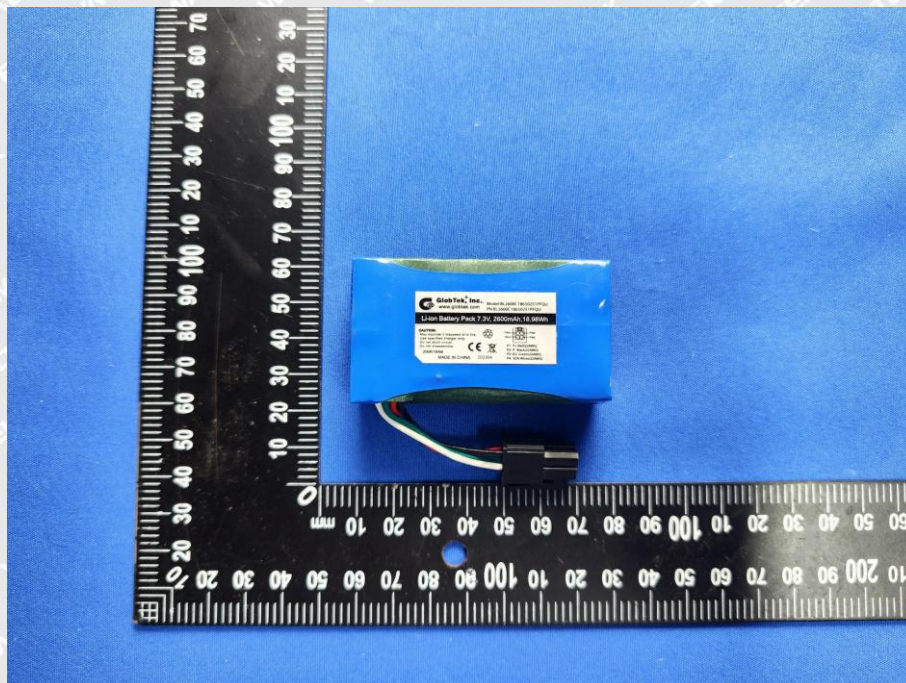


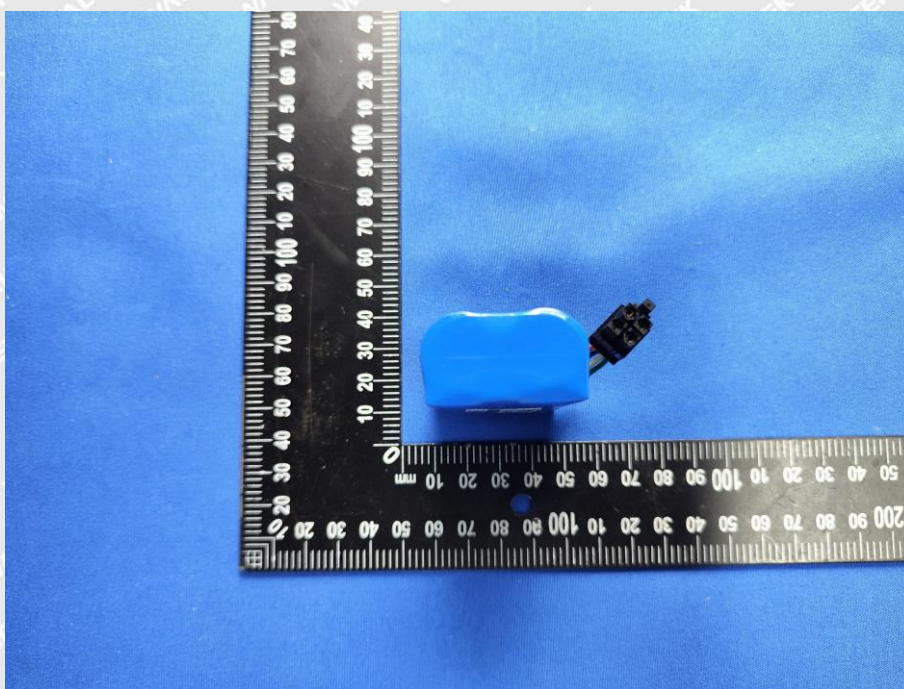


5. EXHIBIT 2 - EUT PHOTOGRAPHS

External



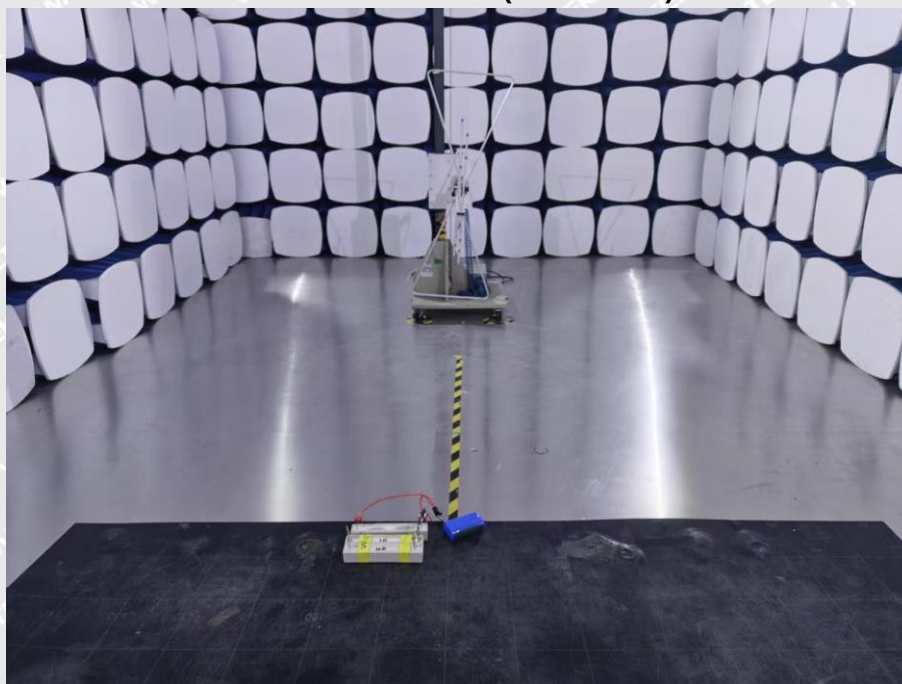






6. EXHIBIT 3 - TEST SETUP PHOTOGRAPHS

Radiated emissions (Below 1GHz)



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7. EXHIBIT 4 - USERS MANUAL

Information to Users

According to the FCC Part 15.19, 15.21, and 15.105 rules, for this EUT, the instructions or operation manual furnished the user shall include the following or similar statement, placed in a prominent location in the text of the manual:

FCC Caution

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE 1: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

NOTE 2: Any changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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