HEALTH TEST REPORT

For

4LLEY TECH LIMITED

WIRELESS CHARGING POWER BANK

Test Model: PB0015

Additional Model No.: PB0015-A, PB0015-B, PB0015-C, PB0015-D

Prepared for	:	4LLEY TECH LIMITED
Address	:	18/F YUE HING BLDG 103 HENNESSY RD WAN CHAI HONG KONG
Prepared by	:	Shenzhen AOCE Electronic Technology Service Co., Ltd
Address	:	Room 202, 2nd Floor, No.12th Building of Xinhe Tongfuyu Industrial Park, Fuhai Street, Baoan District, Shenzhen, Guangdong, China
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Date of receipt of test sample	:	August 09, 2025
Number of tested samples	:	1
Serial number	:	Prototype
Date of Test	:	August 09, 2025 ~September 01, 2025
Date of Report	:	September 01, 2025

HEALTH TEST REPORT
EN IEC 62311: 2020
Assessment of electronic and electrical equipment related to human exposure restrictions for electromagnetic fields (0 Hz - 300 GHz)

Report Reference No.	**:**	**AOC250818103E**
Date of Issue	:	September 01, 2025
Testing Laboratory Name.....	**:**	**Shenzhen AOCE Electronic Technology Service Co., Ltd**
Address	:	Room 202, 2nd Floor, No.12th Building of Xinhe Tongfuyu Industrial Park, Fuhai Street, Baoan District, Shenzhen, Guangdong, China
Testing Location/ Procedure.....	:	Full application of Harmonised standards ■ Partial application of Harmonised standards ☐ Other standard testing method ☐
Applicant's Name.....	**:**	**4LLEY TECH LIMITED**
Address	:	18/F YUE HING BLDG 103 HENNESSY RD WAN CHAI HONG KONG
Test Specification		
Standard	:	EN IEC 62311: 2020
Test Report Form No.	:	AOCEMC-1.0
TRF Originator	:	Shenzhen AOCE Electronic Technology Service Co., Ltd
Master TRF	:	Dated 2017-03

Test Item Description.	**:**	**WIRELESS CHARGING POWER BANK**
Trade Mark	:	4LLEY
Model/ Type reference.....	:	PB0015
Ratings	:	Capacity: 5000 mAh/3.85V/ 19.25 Wh Rated Capacity: 2800 mAh (5V⎓2A) USB-C Input: 5V⎓3A,9V⎓2A USB-C Output: 5V⎓2.4A, 9V⎓2.22A, 12V⎓1.67A Wireless Output: 15W max Total output: 5V⎓3A, 15W Max
**Result ……..... **	**:**	**Positive**

Compiled by:	**Supervised by:**	**Approved by:**
Bill Hu / Administrators	Joey Liu/ Technique principal	Murry Yu/ Manager

HEALTH --TEST REPORT

Test Report No. : AOC250818103E	September 01, 2025 Date of issue

Type / Model.....	: PB0015
EUT.....	: WIRELESS CHARGING POWER BANK
Applicant.....	**: 4LLEY TECH LIMITED**
Address.....	: 18/F YUE HING BLDG 103 HENNESSY RD WAN CHAI HONG KONG
Telephone.....	: /
Fax.....	: /
Manufacturer.....	**: Dongguan Dongju Electronic Technology Co., Ltd.**
Address.....	: Room 601, Building 1, No. 2 Jinxia Road, Dalang Town, Dongguan City, Guangdong Province,China
Telephone.....	: /
Fax.....	: /
Factory.....	**: Dongguan Dongju Electronic Technology Co., Ltd.**
Address.....	: Room 601, Building 1, No. 2 Jinxia Road, Dalang Town, Dongguan City, Guangdong Province,China
Telephone.....	: /
Fax.....	: /

Test Result	**Positive**

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.

1. GENERAL INFORMATION

1.1. Product Description for Equipment Under Test (EUT)

EUT	:	WIRELESS CHARGING POWER BANK
Test Model	:	PB0015
Model No. List	:	PB0015, PB0015-A, PB0015-B, PB0015-C, PB0015-D
Hardware version	:	V1.0
Software version	:	V1.0
Operating Frequency	:	110~205 KHz
Modulation Type	:	FSK
Antenna Description	:	Loop Antenna, 0 dBi(Max.)
Product class	:	I

1.2. Objective

According to its specifications, the EUT must comply with the requirements of the following standards: EN IEC 62311: 2020 –Assessment of the compliance of low power electronic and electrical equipment with the basic restrictions related to human exposure to electromagnetic fields (10 MHz to 300 GHz)

1.3. Test Methodology

All measurements contained in this report were conducted with EN IEC 62311: 2020.

1.4. Facilities

All measurement facilities used to collect the measurement data are located at Room 202, 2nd Floor, No.12th Building of Xinhe Tongfuyu Industrial Park, Fuhai Street, Baoan District, Shenzhen, Guangdong, China.

The sites are constructed in conformance with the requirements of ANSI C63.7, ANSI C63.4 and CISPR Publication 22.

1.5. Host System Configuration List and Details

Manufacturer	Description	Model	Serial Number	Certificate
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1.6. External I/O Cable

I/O Port Description	Quantity	Cable
USB Type-c Port	1	N/A

1.7. Equipment

Radiated emissions are measured with one or more of the following types of linearly polarized antennas: tuned dipole, bi-conical, log periodic, bi-log, and/or ridged waveguide, horn. Spectrum analyzers with pre-selectors and quasi-peak detectors are used to perform radiated measurements. Conducted emissions are measured with Line Impedance Stabilization Networks and EMI Test Receivers.

Calibrated wideband preamplifiers, coaxial cables, and coaxial attenuators are also used for making measurements.

All receiving equipment conforms to CISPR Publication 16-1, “Radio Interference Measuring Apparatus and Measurement Methods.”

2. HUMAN EXPOSURE TO THE ELECTROMAGNETIC FIELDS

2.1 Basic Restrictions Reference levels

Council Recommendation 1999/519/EC Annex III

Basic restrictions for electric, magnetic and electromagnetic fields (0Hz to 300GHz)

Frequency range	Magnetic flux density (mT)	Current density (Ma/m2) (rms)	Whole body average SAR (W/kg)	Localised SAR (head and trunk) (W/kg)	Localised SAR (limbs) (W/kg)	Power density (W/m2)
0Hz	40	-	-	-	-	-
>0-1Hz	-	8	-	-	-	-
1-4Hz	-	8/f	-	-	-	-
4-1000Hz	-	2	-	-	-	-
1000Hz-100kHz	-	f/500	-	-	-	-
100kHz-10MHz	-	f/500	0.08	2	4	-
10MHz-10GHz	-	-	0.08	2	4	-
10-300GHz	-	-	-	-	-	10

Note:

1. f is the frequency in Hz.
2. The basic restriction on the current density is intended to protect against acute exposure effects on central nervous system tissues in the head and trunk of the body and includes a safety factor. The basic restrictions for ELF fields are based on established adverse effects on the central nervous system. Such acute effects are essentially instantaneous and there is no scientific justification to modify the basic restrictions for exposure of short duration. However, since the basic restriction refers to adverse effects on the central nervous system, this basic restriction may permit higher current densities in body tissues other than the central nervous system under the same exposure conditions.
3. Because of electrical inhomogeneity of the body, current densities should be averaged over a cross section of 1cm2 perpendicular to the current direction.
4. For frequencies up to 100 kHz, peak current density values can be obtained by multiplying the rms value by √2(=1.414). For pulses of duration tp the equivalent frequency to apply in the basic restrictions should be calculated as=1/(2tp)
5. For frequencies up to 100kHz and for pulsed magnetic fields, the maximum current density associated with the pulses can be calculated from the rise/fall times and the maximum rate of change of magnetic flux density. The induced current density can then be compared with the appropriate basic restriction.
6. All SAR values are to be averaged over any six-minute period.
7. Localised SAR averaging mass is any 10g of contiguous tissue; the maximum SAR so obtained should be the value used for the estimation of exposure. These 10g of tissue are intended to be a mass of contiguous tissue with nearly homogeneous electrical properties. In specifying a contiguous mass of tissue, it is recognised that this concept can be used in computational dosimetry but may present difficulties for direct physical measurements. A simple geometry such as cubic tissue mass can be used provided that the calculated dosimetric quantities have conservation values relative to the exposure guidelines.

8. For pulses of duration tp the equivalent frequency to apply in the basic restrictions should be calculated as=1/(2tp). Additionally, for pulsed exposures, in the frequency range 0,3 to 10GHz and for localised exposure of the head, in order to limit and avoid auditory effects caused by thermoelastic expansion, an additional basic restriction is recommended. This is that SA should not exceed 2mJ kg-1 averaged over 10g of tissue.

2.2 Reference Levels

Council Recommendation 1999/519/EC Annex III
Reference levels for electric, magnetic and electromagnetic fields (0Hz to 300GHz)

Frequency range	E-field strength (V/m)	H-field strength (A/m)	B-field (μT)	Equivalent plane wave power density Seq (W/m2)
0-1Hz	-	$3,2\times10^4$	4×10^4	-
1-8Hz	1000	$3,2\times10^4/f^2$	$4\times10^4/f^2$	-
8-25Hz	1000	4000/f	5000/f	-
0.025Hz-0,8kHz	250/f	4/f	5/f6,25	-
0,8-3kHz	250/f	5	6,25	-
3-150kHz	87	5	6,25	-
0,15-1MHz	87	0.73/f	0,92/f	-
1-10MHz	$87/f^{1/2}$	0.73/f	0,92/f	-
10-400MHz	28	0.073	0,092	2
400-2000MHz	$1,375\ f^{1/2}$	$0,0037\ f^{1/2}$	$0,0046\ f^{1/2}$	f/200
2-300GHz	61	0,16	0,20	10

Note:
1. As indicated in the frequency range column.
2. For frequencies between 100kHz and 10GHz, Seq, E2, H2 and B2 are to be averaged over any six-minute period.
3. For frequencies exceeding 10GHz, Seq, E2, H2 and B2 are to be averaged over any 68/.1.05-minute period (.in GHz).
4. No E-field value is provided for frequencies <1Hz, which are effectively static electric fields. For most people the annoying perception of surface electric charges will not occur at field strengths less than 20kV/m. Spark discharges causing stress or annoyance should be avoided.

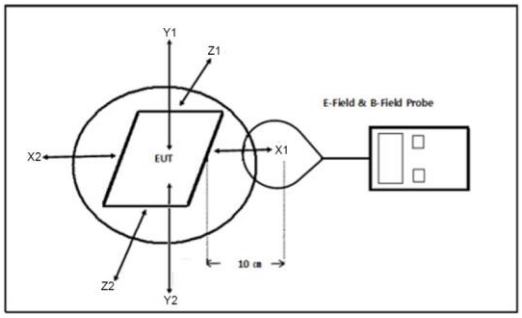
3. RF EXPOSURE EVALUATION

3.1.Test Equipment

The following test equipments are used during the power line conducted measurement:

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Due. Date
1	Exposure Level Tester	Narda	ELT-400	N-0713	2025-04-03	2026-04-02
2	B-Field Probe	Narda	ELT-400	M-1154	2025-04-11	2026-04-10

3.2.Block Diagram of Test Setup



*Note:
Position A: Back Side of the EUT
Position B: Left Side of the EUT
Position C: Front Side of the EUT
Position D: Right Side of the EUT
Position E: Top Side of the EUT
Position F: Bottom Side of the EUT

3.3Test Results

H-field Strength Test Result:

Test condition: Charging mode with WIRELESS CHARGING POWER BANK

Frequency Range(KHz)	Probe Position Hx1 (A/m)	Probe Position Hx2 (A/m)	Probe Position Hy (A/m)	Probe Position Hz1 (A/m)	Probe Position Hz2 (A/m)	Result H (V/m)	Limit (A/m)
134.2	0.08	0.08	0.08	0.08	0.08	0.08	6.635

Note: All test modes have been tested and only record the worst result.

----------THE END OF REPORT----------