

Product Name: Power bank with Bluetooth	Report No: FCC022022-06489RF14
Product Model: LM7233 Bluetooth	Security Classification: Open
Version: V1.0	Total Page: 6

TIRT Testing Report

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FCC RF EXPOSURE REPORT

FCC ID: 2A9VA-LM7233

Project No. : 2022-06489
Equipment : Power bank with Bluetooth
Brand Name : Lenink
Test Model : LM7233
Series Model : N/A
Applicant : Guangzhou Aiwei E-commerce Co., Ltd
Address : No.106 (self compiled Building 1) X1301-G023968, Fengze East Rd, Nansha District, 511458, Guangzhou, Guangdong Province, China
Manufacturer : Dongguan Fuzhaotong Electronics Co., Ltd.
Address : No. 58 Yangkeng Road, Qiaoli, Changping, Dongguan, Guangdong
Issued Date : Dec. 28, 2022
Report Version : V1.0
Test Sample : Engineering Sample No.: 20221227022108
Standard(s) : FCC Guidelines for Human Exposure IEEE C95.1 & FCC Part 2.1091
FCC Title 47 Part 2.1091
KDB 447498 D01 General RF Exposure Guidance v06

- The test result referred exclusively to the presented test model /sample.
- Without written approval of TIRT Inc. the test report shall not reproduced except in full.

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REPORT ISSUED HISTORY

Report No.	Version	Description	Issued Date	Note
FCC022022-06489RF14	V1.0	Original Report	2022.12.28	Valid

1. TEST FACILITY

Company:	Beijing TIRT Technology Service Co.,Ltd Shenzhen
Address:	101, 3 # Factory Building, Gongjin Electronics Shatin Community, Kengzi Street, Pingshan District, Shenzhen, China
CNAS Registration Number:	CNAS L14158
A2LA Registration Number:	6049.01
FCC Accredited Lab. Designation Number:	CN1309
FCC Test Firm Registration Number:	825524
Telephone:	+86-0755-27087573

2. MPE CALCULATION METHOD

Calculation Method of RF Safety Distance:

$$S = \frac{PG}{4\pi r^2} = \frac{EIRP}{4\pi r^2}$$

where:

S = power density

P = power input to the antenna

G = power gain of the antenna in the direction of interest relative to an isotropic radiator

R = distance to the center of radiation of the antenna

Antenna Specification:

Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	N/A	N/A	SMD	N/A	0.2

Note:

- 1) The antenna gain is provided by the manufacturer.
- 2) The antenna is for testing purposes only.

3. TEST RESULTS

Directional Gain (dBi)	Directional Gain (numeric)	Max. Output Power (dBm)	Max. Output Power (mW)	Power Density (S) (mW/cm ²)	Limit of Power Density (S) (mW/cm ²)	Test Result
0.2	1.0471	-5.37	0.29	0.0001	1	Complies

Note: The calculated distance is 20 cm.

End of Test Report