



SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250300104404

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RF Exposure Evaluation Report

Application No.: SZCR2503001044AT
Applicant: Harman International Industries, Incorporated
Address of Applicant: 8500 Balboa Blvd, Northridge, CA 91329, UNITED STATES
Manufacturer: Harman International Industries, Incorporated
Address of Manufacturer: 8500 Balboa Blvd, Northridge, CA 91329, UNITED STATES
Equipment Under Test (EUT):
EUT Name: Portable Bluetooth Speaker
Model No.: GRIPG
Trade Mark: JBL
Standards: EN 62479:2010
Date of Receipt: 2025-03-19
Date of Test: 2025-03-29 to 2025-04-09
Date of Issue: 2025-04-11

Test Result:	Pass *
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* In the configuration tested, the EUT detailed in this report complied with the standards specified above.

Keny Xu

Keny Xu
EMC Laboratory Manager



SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch (EMC Laboratory)

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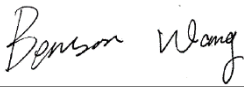
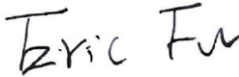
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Revision Record				
Version	Chapter	Date	Modifier	Remark
01		2025-04-11		Original

Authorized for issue by:				
				
		Benson Wang/Project Engineer		
				
		Eric Fu/Reviewer		



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Shenzhen Branch Testing Center EEC Laboratory

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3 General Information of EUT

Power supply:	Rechargeable battery: 3.85V 2600mAh (Charged by adapter)
Operation Frequency:	2402MHz to 2480MHz
Modulation Type:	BT: GFSK, Pi/4DQPSK, 8DPSK BLE: GFSK
Channel Spacing:	BT: 1MHz BLE: 2MHz
Number of Channels:	BT: 79 BLE 1Mbps: 40 BLE 2Mbps: 37
Antenna Type:	PCB Antenna
Antenna Gain:	2.25dBi

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3.1 Test Location

All tests were performed at:

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No. 1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China. 518057.

Tel: +86 755 2601 2053 Fax: +86 755 2671 0594

No tests were sub-contracted.

3.2 Test Facility

The test facility is recognized, certified, or accredited by the following organizations:

- **A2LA (Certificate No. 3816.01)**

SGS-CSTC Standards Technical Services Co., Ltd., Shenzhen EMC Laboratory is accredited by the American Association for Laboratory Accreditation(A2LA). Certificate No. 3816.01.

- **VCCI (Member No. 1937)**

The 3m Fully-anechoic chamber for above 1GHz, 10m Semi-anechoic chamber for below 1GHz, Shielded Room for Mains Port Conducted Interference Measurement and Telecommunication Port Conducted Interference Measurement of SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen EMC laboratory have been registered in accordance with the Regulations for Voluntary Control Measures with Registration No.: G-20026, R-14188, C-12383 and T-11153 respectively.

- **FCC –Designation Number: CN1336**

SGS-CSTC Standards Technical Services Co., Ltd., Shenzhen EMC Laboratory has been recognized as an accredited testing laboratory.

Designation Number: CN1336. Test Firm Registration Number: 787754.

- **Innovation, Science and Economic Development Canada**

SGS-CSTC Standards Technical Services Co., Ltd., Shenzhen EMC Laboratory has been recognized by ISED as an accredited testing laboratory.

CAB identifier: CN0006.

IC#: 4620C.

3.3 Deviation from Standards

None.

3.4 Abnormalities from Standard Conditions

None.

3.5 Other Information Requested by the Customer

None.



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4 EN 62479 REQUIREMENT

4.1 General Description of Applied Standards

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)

4.2 Human exposure to the Electromagnetic fields

This International Standard provides simple conformity assessment methods for low-power electronic and electrical equipment to an exposure limit relevant to electromagnetic fields (EMF). If such equipment cannot be shown to comply with the applicable EMF exposure requirements using the methods included in this standard for EMF assessment, then other standards, including IEC 62311 or other (EMF) product standards, may be used for conformity assessment.

4.3 RF Exposure Evaluation

4.3.1 Limit

According to EN 62479 clause 4.2 Low-power electronic and electrical equipment is deemed to comply with the provisions of this standard if it can be demonstrated using routes B, C or D that the available antenna power and/or the average total radiated power is less than or equal to the applicable low-power exclusion level P_{max} .

$P_{max} = 20 \text{ mW}$ (13 dBm) according to ICNIRP guidelines, since the EUT is General public used.

Remark:

- B: The input power level to electrical or electronic components that are capable of radiating electromagnetic energy in the relevant frequency range is so low that the available antenna power and/or the average total radiated power cannot exceed the low-power exclusion level defined in EN 62479 clause 4.2
- C: The available antenna power and/or the average total radiated power are limited by product standards for transmitters to levels below the low-power exclusion level defined in EN 62479 clause 4.2
- D: Measurements or calculations show that the available antenna power and/or the average total radiated power are below the low-power exclusion level defined in EN 62479 clauses 4.2.



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4.3.2 Test Result

BT/BLE: The EIRP/Conducted output power of the EUT is 11.13dBm(12.97mW) which is below the max permitted sending level of 20 mW, and then the EUT is deemed to comply with the RF exposure requirement.

5 EUT Photos

Refer to Appendix - Photographs of EUT Constructional Details for SZCR2503001044AT

- End of the Report -



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