



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

SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230700224402

Page: 1 of 9

Human Exposure Report

Application No.: SZCR2307002244AT
Applicant: Very Great, Inc DBA Courant
Address of Applicant: 228 Park Ave South PMB 53363, New York, 10003, United States
Manufacturer: Very Great, Inc DBA Courant
Address of Manufacturer: 228 Park Ave South PMB 53363, New York, 10003, United States
Equipment Under Test (EUT):
EUT Name: MAG:3 CLASSICS
Model No.: CR-MAG3-BK-BK, CR-MAG3-GR-GR, CR-MAG3-WH-SL,
 CR-MAG3-BR-ORB, CR-MAG3-TN-PG ♣
 ♣ Please refer to section 2 of this report which indicates which model was actually tested and which were electrically identical.
Trade Mark: Courant
FCC ID: 2ARIH-MAG3
Standards: 47 CFR PART 1, Subpart I, Section 1.1310
 47 CFR PART 2, Subpart J, Section 2.1091
Date of Receipt: 2023-07-12
Date of Test: 2023-07-14 to 2023-07-26
Date of Issue: 2023-07-31

Test Result :	Pass*
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* In the configuration tested, the EUT complied with the standards specified above

Keny Xu
EMC Laboratory Manager



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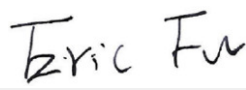
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Revision Record				
Version	Chapter	Date	Modifier	Remark
01		2023-07-31		Original

Authorized for issue by:				
				
		<hr/>		
		Bill Chen/Project Engineer		
				
		<hr/>		
		Eric Fu/Reviewer		



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Shenzhen Branch Technical Services Co., Ltd. Laboratory

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3 General Information

3.1 Details of E.U.T.

Power supply:	Adapter: Model: PD-014 Input: AC 100-240V 50/60Hz 0.8A PD 3.0 Output: DC 5V/3A,9V/3A,15V/2A,20V/1.5A Total Output:30W (max) Wireless Charging: Left Output:7.5W Right Output:5W
Cable(s):	Type C cable:150cm unshielded
Operation frequency:	Left:129.2KHz to 131.6KHz Right: 117kHz to 148.6kHz
Modulation type:	Load modulation
Antenna type:	Loop Antenna

Remark:The information in this section is provided by the applicant or manufacturer, SGS is not liable to the accuracy, suitability, reliability or/and integrity of the information.

3.2 Description of Support Units

Description	Manufacturer	Model No.	Serial No.
Load Resistor	SGS	N/A	REF. No.SEA06A00
iPhone 13	Apple	MLDYCH/A	REF. No.SEA16Q00
Earphone	Apple	A2566	REF. No.SEA10D00



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3.3 Test Location

All tests were performed at:

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

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.

3.4 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.

3.5 Deviation from Standards

None.

3.6 Abnormalities from Standard Conditions

None.



4 Equipments Used during Test

Item	Test Equipment	Manufacturer	Model No.	Inventory No.	Cal. Due date
1	3m Anechoic Chamber	AUDIX	N/A	SEM001-02	2025-04-01
2	Electric and Magnetic Field Analyzer	Narda	EHP-200AC	SEM022-20	2024-03-31



5 Test Results

5.1 RF Exposure test

Test Requirement: 47 CFR PART 1, Subpart I, Section 1.1310
 47 CFR PART 2, Subpart J, Section 2.1091

Measurement Distance: 15cm/20cm

Limit:

Frequency range (MHz)	Electric field strength (V/m)	Magnetic field strength (A/m)	Power density (mW/cm ²)	Averaging time (minutes)
(A) Limits for Occupational/Controlled Exposures				
0.3-3.0	614	1.63	*(100)	6
3.0-30	1842/f	4.89/f	*(900/f ²)	6
30-300	61.4	0.163	1.0	6
300-1500	/	/	f/300	6
1500-100,000	/	/	5	6
(B) Limits for General Population/Uncontrolled Exposure				
0.3-1.34	614	1.63	*(100)	30
1.34-30	824/f	2.19/f	*(180/f ²)	30
30-300	27.5	0.073	0.2	30
300-1500	/	/	f/1500	30
1500-100,000	/	/	1.0	30

F=frequency in MHz
 *=Plane-wave equivalent power density
 RF exposure compliance will need to be determined with respect to 1.1307(c) and (d) of the FCC rules. The emissions should be within the limits at 300kHz in Table 1 of 1.1310(use the 300kHz limits for 150kHz:614V/m,1.63A/m).

5.1.1 E.U.T. Operation

Operating Environment:

Temperature: 22.3 °C Humidity: 52.9 % RH Atmospheric Pressure: 1015 mbar

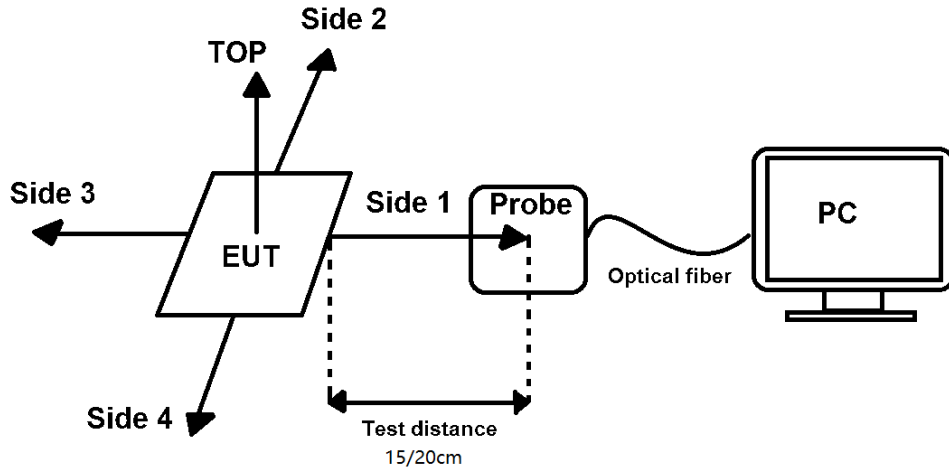


5.1.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Pre-scan	00	Operation(Wireless):Keep the EUT pairing with other devices. (5W airpods)
Pre-scan	01	Operation(Wireless):Keep the EUT pairing with other devices. (7.5W iPhone)
Final test	02	Charging mode Keep the EUT charging (5W airpods+7.5W iPhone)
Pre-scan	03	Operation(Wireless)+Output:Keep the EUT pairing with other devices. (5W airpods)
Pre-scan	04	Operation(Wireless)+ Output:Keep the EUT pairing with other devices. (7.5W iPhone)
Pre-scan	05	Operation(Wireless)+ Output:Keep the EUT charging (5W airpods+7.5W iPhone)

This device has been tested the worst status of full load and the device has been tested with mobile phone/ Earphone at zero charge, intermediate charge, and full charge.

5.1.3 Test Block Diagram



5.1.4 Measurement Data

Magnetic Field Emissions

Operation frequency	Test Distance (cm)	Test Position	Probe Measure Result (A/m)			50 % Limit (A/m)	10 % Limit (A/m)
			unload	Half load	full load		
			130 kHz which is the worst case within the operation frequency range	15	Side 1		
		Side 2	0.036	0.042	0.052		
		Side 3	0.021	0.031	0.036		
		Side 4	0.038	0.043	0.055		
	20	Top(iPhone)	0.027	0.024	0.033		
		Top(Airpods)	0.032	0.037	0.042		

- End of the Report -

