

# Human Exposure Report

**Application No.:** FYCR2206000207AT  
**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:2 CLASSICS  
**Model No.:** CR-MAG2-BK-BK, CR-MAG2-GR-GR, CR-MAG2-WH-SL,  
 CR-MAG2-BR-ORB, CR-MAG2-TN-PG ♣  
 ♣ Please refer to section 3 of this report which indicates which model was actually tested and which were electrically identical.  
**FCC ID:** 2ARIH-MAG2  
**Standards:** 47 CFR PART 1, Subpart I, Section 1.1310  
 47 CFR PART 2, Subpart J, Section 2.1091  
**Date of Receipt:** 2022-06-06  
**Date of Test:** 2022-06-10 to 2022-06-21  
**Date of Issue:** 2022-06-28

<b>Test Result :</b>	<b>Pass*</b>
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\* In the configuration tested, the EUT complied with the standards specified above

*Winkay Wang*

EMC Technical Manager



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**Compliance Certification Services (Kunshan) Inc.  
Shenzhen Branch**

Report No.: FYCR220600020702

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<b>Revision Record</b>				
<b>Version</b>	<b>Chapter</b>	<b>Date</b>	<b>Modifier</b>	<b>Remark</b>
01		2022-06-28		Original

<b>Authorized for issue by:</b>			
		<i>Tree Zhan</i>	
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		<b>Winkey Wang/Reviewer</b>	



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### 3 General Information

#### 3.1 Details of E.U.T.

Power supply:	Adapter: Model: QC-E04P Input: AC 100-240V 50/60Hz QC 3.0 Output: DC 3.6-6.5V/3A,6.5V-9V/2A,9-12V/1.5A Total Output:18W (max) Wireless Charging: Input: DC 5V/2A,9V,2A Top Output:7.5W Buttom Output:5W
Cable(s):	Type C cable:150cm unshielded
Operation frequency:	110.2KHz-145.4KHz (5W) 110.4KHz-145.6KHz (7.5W) 110.6KHz-145.4KHz (5W+7.5W)
Modulation type:	Load modulation
Antenna type:	Loop Antenna

#### Declaration of EUT Family Grouping:

Model No.: CR-MAG2-BK-BK, CR-MAG2-GR-GR, CR-MAG2-WH-SL,  
CR-MAG2-BR-ORB, CR-MAG2-TN-PG

Only the model CR-MAG2-BK-BK was tested, since according to the declaration from the applicant, the electrical circuit design, PCB layout, components used and internal wiring and functions were identical for the above models, with only difference on shape and color of the shell.



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### 3.2 Description of Support Units

Description	Manufacturer	Model No.	Serial No.
Mobile Phone	HUAWEI	LYA-AL00	REF. No.SEA16C00
Earphone	Apple	A2566	REF. No.SEA10D00
E-loading	SGS	N/A	REF. No.SEA42A00



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### 3.3 Test Location

All tests were performed at:

Compliance Certification Services (Kunshan) Inc. Shenzhen branch.

Fuyong lab. Xinlong TechnoPark, Fengtang Road, Fuyong Subdistrict, Bao'an, Shenzhen, China

Tel: +86 755 8866 3988 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. 6606.01)**

Compliance Certification Services (Kunshan) Inc. Shenzhen branch is accredited by the American Association for Laboratory Accreditation(A2LA). Certificate No. 6606.01.

- **FCC –Designation Number: CN1322**

Compliance Certification Services (Kunshan) Inc. Shenzhen branch has been recognized as an accredited testing laboratory.

Designation Number: CN1322. Test Firm Registration Number: 718073

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

Compliance Certification Services (Kunshan) Inc. Shenzhen branch has been recognized by ISED as an accredited testing laboratory.

CAB identifier: CN0129.

IC#: 28189.

### 3.5 Deviation from Standards

None.

### 3.6 Abnormalities from Standard Conditions

None.



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## 4 Equipments Used during Test

Item	Test Equipment	Manufacturer	Model No.	Inventory No.	Cal. Due date
1	3m Fully-Anechoic Chamber	AUDIX	N/A	SEM001-02	2024-12-23
2	Electric and Magnetic Field Analyzer	Narda	EHP-50F	EMC092	2022-11-25

### Test Mode Description

Pre-scan / Final test	Mode Code	Description
Pre-scan	00	Charge mode_Keep the EUT charging(5W)
Pre-scan	01	Charge mode_Keep the EUT charging(7.5W)
Final test	02	Charge mode_Keep the EUT charging(7.5W+5W)



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## 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: 15/20cm

Limit:

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





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

**5.1.2 Measurement Data**

**Input Voltage=DC 9V;**

**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		
118 kHz which is the worst case within the operation frequency range	15	Side 1	0.049	0.058	0.069	0.815	0.163
		Side 2	0.058	0.066	0.082		
		Side 3	0.052	0.060	0.076		
		Side 4	0.054	0.062	0.073		
		Top	0.054	0.061	0.074		

**Magnetic Field Emissions**

Operation frequency	Test Distance (cm)	Test Position	Probe Measure Result(A/m)			50 % Limit (A/m)	10 % Limit (A/m)
			zero charge	intermediate charge	full charge		
124 kHz which is the worst case within the operation frequency range	15	Side 1	0.068	0.057	0.045	0.815	0.163
		Side 2	0.073	0.061	0.049		
		Side 3	0.065	0.055	0.044		
		Side 4	0.075	0.063	0.050		
		Top	0.068	0.057	0.046		

- End of the Report -

