

RF Exposure Report

On Behalf of

CLICKWIN LLC. 530 S. Los Angeles St. Unit 2, Los Angeles, CA 90013. United State

FCC ID: 2BEF7-MC02

Model: MC02

January 30, 2024

This Report Concerns:		Equipment Type: Magnetic charging			
Test Engineer:	Charlie He / Charlie He.				
Report Number:	QCT24AR-1197E-02				
Test Date:	January 25, 2024				
Reviewed By:	Gordon Tan	1 Grordin. Ton			
Approved By:	Kendy Wang	gi kun un			
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Report No.: QCT24AR-1197E

Page 1 of

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Table of Contents

1. GEI	NERAL INFORMATION	4
1.1.	Product Description for Equipment under Test (EUT)	.4
1.2	System Test Configuration	.4
° 1.3	Test Facility	5
1.4	Measurement Uncertainty	5
2. RE(QUIREMENTS	6
2.1	Test Methodology	6
2.2	٢ Limit	6
2.3	Method Of Measurement:	6
2.4	Test Setup	7
2.5	Measuring Instrument Used:	7
2.6	E Field And H Field Strength Test Result	.7
3. TES	ST SETUP PHOTO	٥ 9

Report Number	Description	Issued Date
QCT24AR-1197E-02	Initial Issue	2024-1-24
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Revision History of This Test Report

Report No.: QCT24AR-1197E-02

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1. GENERAL INFORMATION

1.1 Product Description for Equipment under Test (EUT)

EUT Description	Magnetic charging
Model No.	MC02 Land Contraction of the second state of t
Tested Model	MC02 chi chi co chi chi chi co co chi chi che co chi che che chi che chi che chi che co chi che chi
Sample(s) Status	Engineer sample
Operation Frequency:	446.5~493.5kHz
Modulation type:	ASK the fill go of the fill go of the fill
Antenna Type:	Inductive loop coil Antenna
Antenna gain*1:	OdBi (Max)
Power supply:	DC 5V, 300mA (Powered by USB Port)
WPT Output Power:	1W chi the contraction of the strength of contraction of the strength of the s
Trade Mark:	KBKBOD
Applicant	CLICKWIN LLC.
Address	530 S. Los Angeles St. Unit 2, Los Angeles, CA 90013. United States
Manufacturer	GUANGDONG YILIAN INDUSTRIAL CO., LTD
Address	No.319, Shipai Section, Dongyuan Avenue, Shipai Town, Dongguan City, Guangdong Province
Sample No.	Y24A1197E01LY

Note: *1This information provided by Manufacturer, SZ QC Lab is not responsible for the accuracy of this information.

1.2 System Test Configuration

1.2.1 Support Equipment

Manufacturer	Description	Model	Serial Number
YILIAN	SMART WATCH	X60 ULTRA	TESTE AND ON OTHER
MDY	Adapter	Input: 100-240V~ 50/60Hz Output: 5V 0.3A	

Report No.: QCT24AR-1197E-02

Page 4 of 9

Address: East of 1/F., Building E, Xinghong Science Park, No.111, Shuiku Road, Fenghuanggang, Xixiang Street, Bao'an District, Shenzhen, Guangdong, China Tel: 0755-23008269 Fax: 0755-23726780 www.qctest.com.cn

Shenzhen QC Testing Laboratory Co., Ltd.

1.3 Test Facility

Test Firm : Shenzhen QC Testing Laboratory Co., Ltd.

The testing quality ability of our laboratory meet with "Quality Law of People's Republic of China" Clause 19. The testing quality system of our laboratory meets with ISO/IEC-17025 requirements. This approval result is accepted by MRA of APLAC.

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

CNAS - Registration No.: L8464

The EMC Laboratory has been accredited by CNAS, and in compliance with ISO/IEC 17025:2017 General Requirements for testing Laboratories.

A2LA Certificate Number: 6759.01

The EMC Laboratory has been accredited by A2LA, and in compliance with ISO/IEC 17025:2017 General Requirements for testing Laboratories.

FCC Registration Number: 561109

The EMC Laboratory has been registered and fully described in a report filed with the (FCC) Federal Communications commission.

IC Registration Number: 29628

CAB identifier: CN0141

The EMC Laboratory has been registered and fully described in a report filed with the (IC) Industry Canada.

1.4 Measurement Uncertainty

Test Item	Frequency Range	Measurement Uncertainty	Notes
E-field	110.5kHz~500kHz	0.5V/m	َنَ [َ] (1)
H-field	110.5kHz~500kHz	0.1A/m	(1) of

Report No.: QCT24AR-1197E-02

2. Requirements

2.1 Test Methodology

The tests documented in this report were performed in accordance with FCC CFR Title 47 Part 1 §1.1307, FCC CFR Title 47 Part 1 §1.1310, FCC CFR Title 47 Part 2 §2.1091 and KDB 680106 D01 Wireless Power Transfer v04

2.2 Limit

Frequency range (MHz)	Electric field strength (V/m)	Magnetic field strength (A/m)	Power density (mW/cm ²)	Averaging time (minutes)
	(i) Limits for O	ccupational/Controlled E	xposure	
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
300-1,500			f/300	<6
1,500- 100,000			5	<6

Table 1 to § 1.1310(e)(1) - Limits for Maximum Permissible Exposure (MPE)

(ii) 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
300-1,500			f/1500	<30
1,500- 100,000			1.0	<30

f = frequency in MHz. * = Plane-wave equivalent power density.

2.3 Method Of Measurement:

- a) The RF exposure test was performed in shielded chamber.
- b) The geometric centre of probe was placed at 20 cm test distance surrounding the device and the top surface.
- c) The measurement probe used to search of highest strength.
- d) The highest emission level was recorded and compared with limit as soon as measurement of each points (A, B, C, D, E) were completed.
- e) The EUT were measured according to the dictates of KDB 680106 D01 Wireless Power Transfer v04.



2.4 Test Setup



Note: As bottom point is not required to test for desktop devices

2.5 Measuring Instrument Used:

Test Equipment	Manufacturer	Model No.	SN.	Cal.Date (mm-dd-yy)	Cal.Due date (mm-dd-yy)
Exposure Level Tester	Narda	ELT-400	N-0231	June 24, 2023	June 23, 2024
Magnetic field probe 100cm ²	Narda	ELT probe 100cm ²	M0675	June 24, 2023	June 23, 2024
Broadband field Meter	Narda	NBM-550	E-1273	June 24, 2023	June 23, 2024
Broadband field Probe	Narda	EF0391	D-0891	June 24, 2023	June 23, 2024

2.6 E Field And H Field Strength Test Result

Test Mode	Description
Mode 1	Charging with 1 W wireless charging load (99% Load)
Mode 2	Charging with 1 W wireless charging load (50% Load)
Mode 3	Charging with 1 W wireless charging load (1% Load)

Mode 1

H-Filed Strength at 20 cm from the edges surrounding and the top surface of the EUT (A/m)

20cm						50%
Test Position A	Test Position B	Test Position C	Test Position D	Test Position E	Limits(A/m)	Limits(A/m)
0.11	0.16	0.19	0.15	0.19	1.63	0.815

E-Filed Strength at 20 cm from the edges surrounding and the top surface of the EUT (V/m)

			E00/			
Test	Test	Test	Test	Test	Limits(V/m)	0%
Position A	Position B	Position C	Position D	Position E	· · ·	Limits(v/m)
5 1.15	1.17	1.26	1.21	. 1.41	614	307
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Report No.: QCT24AR-1197E-02

Page 7 of 9

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Mode 2

H-Filed Strength at 20 cm from the edges surrounding and the top surface of the EUT (A/m)

20cm						50%
Test	Test	Test	Test	Test	Limits(A/m)	Limits(A/m)
Position A	Position B	Position C	Position D	Position E		, , , , , , , , , , , , , , , , , , ,
0.10	0.13	0.19	0.15	0.21	ି ୍ <u></u> ୍ 1.63 ୍ତ	0.815

E-Filed Strength at 20 cm from the edges surrounding and the top surface of the EUT (V/m)

20cm						E00/
Test	Test	Test	Test	Test	Limits(V/m)	50%
Position A	Position B	Position C	Position D	Position E		Linius(V/III)
. 1.09 🖉	1.10	1.15	1.02	1.29	614	307

Mode 3

H-Filed Strength at 20 cm from the edges surrounding and the top surface of the EUT (A/m)

20cm						50%
Test	Test	Test	Test	Test	Limits(A/m)	Limits(A/m)
Position A	Position B	Position C	Position D	Position E		
0.15	0.19	0.17	0.10	0.23	ر 1.63 ^{کر} 1.63	0.815

E-Filed Strength at 20 cm from the edges surrounding and the top surface of the EUT (V/m)

20cm					F00/	
Test	Test	Test	Test	Test	Limits(V/m)	50%
Position A	Position B	Position C	Position D	Position E		
1.47	1.09	8 1.25	1.08	1.39	614	307

3. Test Setup Photo



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Report No.: QCT24AR-1197E-02