



This certificate is responsible for testing sample only.
Please refer to this corresponding test report to get testing process and data.

CERTIFICATE

Certificate No.: HS202312252534E

Certificate's Holder : Shenzhen XingchenVision RingCo., Ltd.
Address : 723Aohua Business Building.Aohua Business Building,
No.148Huarong Road, Gaofeng, Community, DalangStreet,
Shenzhen, Guangdong Province, China

Manufacturer : Shenzhen XingchenVision RingCo., Ltd.
Address : 723Aohua Business Building.Aohua Business Building,
No.148Huarong Road, Gaofeng, Community, DalangStreet,
Shenzhen, Guangdong Province, China

Product Name : Smart ring
Product Model (S) : SR1, SR2
Trade Mark : N/A
Related Directive : Heavy metals and flame retardants content- RoHS Directive
2011/65/EU Annex II amending Annex (EU)2015/863 and
amending Annex (EU)2017/2102
Phthalates content- RoHS Directive 2011/65/EU Annex II
amending Annex (EU)2015/863 and amending Annex
(EU)2017/2102

The EUT of the company mentioned above has been inspected and audit has been completed successfully and found in compliance with the council RoHS Directive 2011/65/EU. It is possible to use CE marking to demonstrate the compliance with this RoHS Directive. It is only valid in connection with the test report number: HS202312252534-1ER.

RoHS



This Certificate of Conformity is based on single evaluation of the submitted sample(s) of the above mentioned product. It does not imply an assessment of the whole product and relevant . Directives have to be observed.

Shenzhen Huasheng Testing Technology Co., Ltd.

1 / F, Building B, wanliye science and Technology Park, Chongqing Road, Bao'an District, Shenzhen, Guangdong, China

Tel: 400-801-8821 Http:www.huashengtest.com E-mial: huasheng@huashengtest.com



RoHS TEST REPORT

Prepared for:

Shenzhen XingchenVision RingCo., Ltd.

723Aohua Business Building,Aohua Business Building, No.148Huarong Road,
Gaofeng, Community, DalangStreet, Shenzhen, Guangdong Province, China

Product: Smart ring

Brand Name: N/A

Model Name: SR1, SR2

Date of Test: Jan. 09, 2024 – Jan. 17, 2024

Date of Report: Jan. 17, 2024

Report Number: HS202312252534-1ER

Prepared By:

Shenzhen Huasheng Test Technology Co., Ltd.

1 / F, Building B, wanliye science and Technology Park, Chongqing Road,
Bao'an District, Shenzhen, Guangdong, China

Tel: +86-755-2357 0025

Website : www.huashengtest.com E-mail: huasheng@huashengtest.com



TEST RESULT CERTIFICATION

Applicant : Shenzhen XingchenVision RingCo., Ltd.
Address : 723Aohua Business Building.Aohua Business Building, No.148Huarong Road, Gaofeng, Community, DalangStreet, Shenzhen, Guangdong Province, China
Manufacturer : Shenzhen XingchenVision RingCo., Ltd.
Address : 723Aohua Business Building.Aohua Business Building, No.148Huarong Road, Gaofeng, Community, DalangStreet, Shenzhen, Guangdong Province, China
Product name : Smart ring
Product model : SR1, SR2
Brand Name : N/A
Date of Sample Received : Jan. 09, 2024
Testing Period : Jan. 09, 2024 to Jan. 17, 2024

Test Requested:

Based on the performed test on submitted sample(s), the results of Lead, Mercury, Cadmium, Hexavalent chromium, Polybrominated biphenyls (PBBs), Polybrominated diphenyl ethers (PBDEs) and Phthalates such as bis-(2-ethylhexyl)-Phthalate (DEHP), Benzyl butyl phthalate (BBP), Dibutyl Phthalate (DBP), Diisobutyl Phthalate (DIBP) comply with the limits as set by RoHS Directive 2015/863/EU amending Annex II to Directive 2011/65/EU.

Conclusion

PASS

Prepared by: Rock Ren
Project Engineer
Reviewed by: Snow Ma
Project Manager
Approved by: Smile Ma
Technical Director





**** Modified History ****

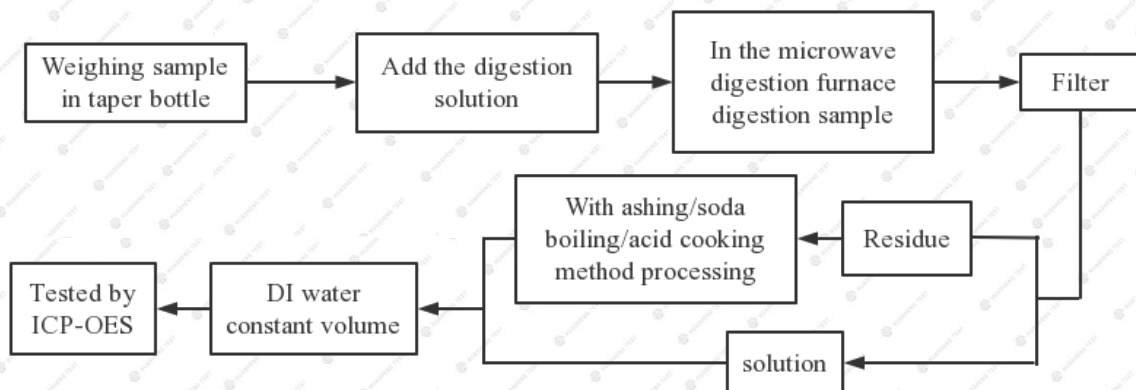
Revision	Description	Issued Data	Remark
Revision 1.0	Initial Test Report Release	2024/01/17	Smile Xu

1. Test Method(s):

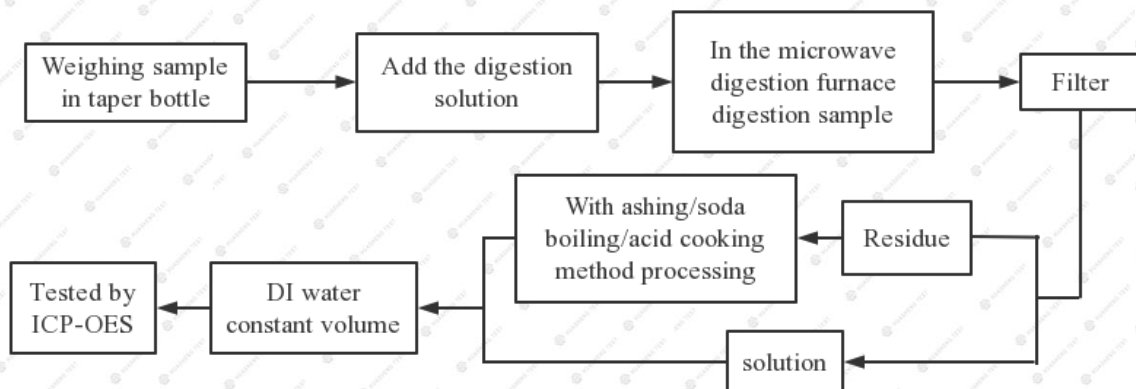
Testing item	Testing Method	Equipment
Screening analysis by XRF		
Lead(Pb) Cadmium(Cd) Mercury(Hg) Chromium(Cr) Bromine(Br)	IEC 62321-3-1-2013	ED-XRF
Chemical testing		
Lead(Pb)	IEC 62321-5-2013	ICP-OES
Cadmium(Cd)	IEC 62321-5-2013	ICP-OES
Mercury(Hg)	IEC 62321-4-2013+A1:2017	ICP-OES
Chromium(Cr VI) for plastic	IEC 62321-7-2:2017	UV-Vis
Chromium(Cr VI) for coating on metals	IEC 62321-7-1:2015	UV-Vis
PBBs/ PBDEs	IEC 62321-6:2015	GC-MS
DEHP/DBP/BBP/ DIBP	IEC 62321-8:2017	GC-MS

2. Test Flow:

1. Lead(Pb), Cadmium(Cd)

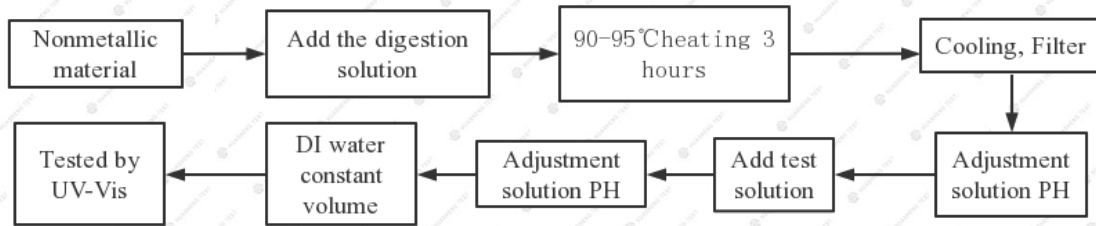


2. Mercury (Hg)

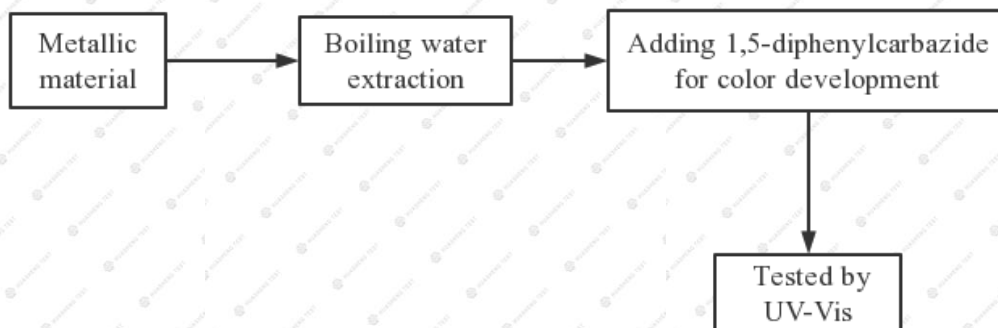




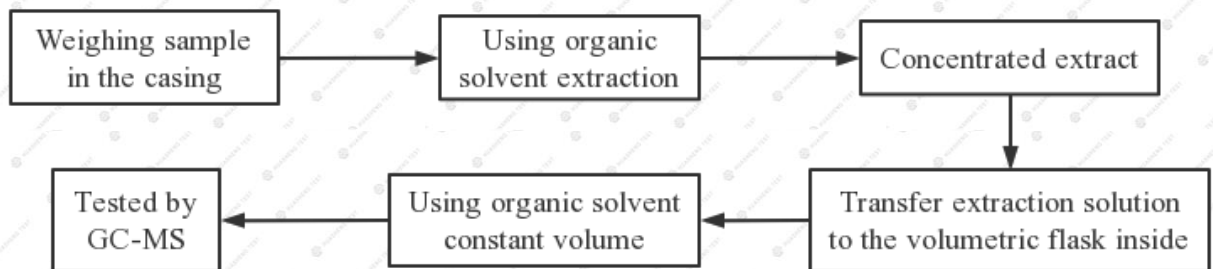
3. Hexavalent Chromium(Cr VI) (Alkaline extraction)



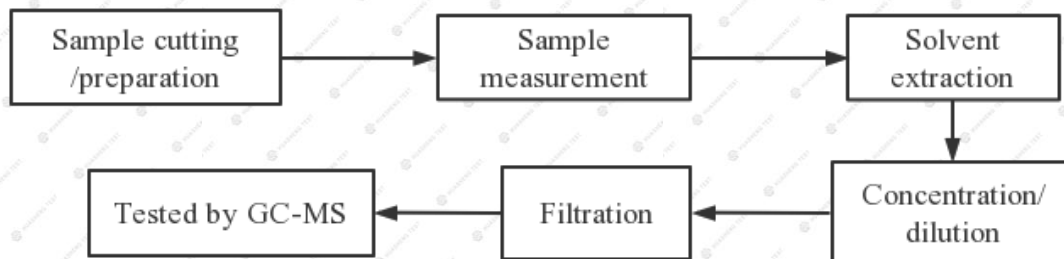
4. Hexavalent Chromium(Cr VI) (Boiling water extraction)



5. PBBs/ PBDEs



6. DEHP/ BBP/ DBP/ DIBP





3.Test Results:

Part No.	Sample Description	Test item	XRF Result	Chemical Test (mg/kg)	Conclusion
1	Metal for USB Cable	Pb	BL	--	Pass
		Cd	BL	--	
		Hg	BL	--	
		Cr(Cr(VI))	BL	--	
		PBBs	BL	--	
		PBDEs		--	
		DEHP	--	ND	
		DBP	--	ND	
		BBP	--	ND	
		DIBP	--	ND	
2	Plastic for USB Cable	Pb	BL	--	Pass
		Cd	BL	--	
		Hg	BL	--	
		Cr(Cr(VI))	BL	--	
		PBBs	--	--	
		PBDEs		--	
		DEHP	--	ND	
		DBP	--	ND	
		BBP	--	ND	
		DIBP	--	ND	
3	Insulating sheet for USB cable	Pb	BL	--	Pass
		Cd	BL	--	
		Hg	BL	--	
		Cr(Cr(VI))	BL	--	
		PBBs	--	--	
		PBDEs		--	
		DEHP	--	ND	
		DBP	--	ND	
		BBP	--	ND	
		DIBP	--	ND	



Part No.	Sample Description	Test item	XRF Result	Chemical Test (mg/kg)	Conclusion
4	Copper wire for USB cable	Pb	BL	--	Pass
		Cd	BL	--	
		Hg	BL	--	
		Cr(Cr(VI))	BL	--	
		PBBs	BL	--	
		PBDEs		--	
		DEHP	--	ND	
		DBP	--	ND	
		BBP	--	ND	
DIBP	--	ND			
5	Metal enclosure	Pb	BL	--	Pass
		Cd	BL	--	
		Hg	BL	--	
		Cr(Cr(VI))	BL	--	
		PBBs	--	--	
		PBDEs		--	
		DEHP	--	ND	
		DBP	--	ND	
		BBP	--	ND	
DIBP	--	ND			
6	Chip resistor	Pb	BL	--	Pass
		Cd	BL	--	
		Hg	BL	--	
		Cr(Cr(VI))	BL	--	
		PBBs	--	--	
		PBDEs		--	
		DEHP	--	ND	
		DBP	--	ND	
		BBP	--	ND	
DIBP	--	ND			



Part No.	Sample Description	Test item	XRF Result	Chemical Test (mg/kg)	Conclusion
7	Chip capacitor	Pb	BL	--	Pass
		Cd	BL	--	
		Hg	BL	--	
		Cr(Cr(VI))	BL	--	
		PBBs	BL	--	
		PBDEs		--	
		DEHP	--	ND	
		DBP	--	ND	
		BBP	--	ND	
		DIBP	--	ND	
8	Diode	Pb	BL	--	Pass
		Cd	BL	--	
		Hg	BL	--	
		Cr(Cr(VI))	BL	--	
		PBBs	BL	--	
		PBDEs		--	
		DEHP	--	ND	
		DBP	--	ND	
		BBP	--	ND	
		DIBP	--	ND	
9	Audion	Pb	BL	--	Pass
		Cd	BL	--	
		Hg	BL	--	
		Cr(Cr(VI))	BL	--	
		PBBs	BL	--	
		PBDEs		--	
		DEHP	--	ND	
		DBP	--	ND	
		BBP	--	ND	
		DIBP	--	ND	



Part No.	Sample Description	Test item	XRF Result	Chemical Test (mg/kg)	Conclusion
10	PCB	Pb	BL	--	Pass
		Cd	BL	--	
		Hg	BL	--	
		Cr(Cr(VI))	BL	--	
		PBBs	BL	--	
		PBDEs		--	
		DEHP	--	ND	
		DBP	--	ND	
		BBP	--	ND	
		DIBP	--	ND	
11	Chip	Pb	BL	--	Pass
		Cd	BL	--	
		Hg	BL	--	
		Cr(Cr(VI))	BL	--	
		PBBs	BL	--	
		PBDEs		--	
		DEHP	--	ND	
		DBP	--	ND	
		BBP	--	ND	
		DIBP	--	ND	
12	Connector	Pb	BL	--	Pass
		Cd	BL	--	
		Hg	BL	--	
		Cr(Cr(VI))	BL	--	
		PBBs	BL	--	
		PBDEs		--	
		DEHP	--	ND	
		DBP	--	ND	
		BBP	--	ND	
		DIBP	--	ND	

Remark:

1) (a) It is the result on total Br while test item on restricted substances is PBBs/PBDEs. It is the result on total Cr while test item on restricted substances is Cr⁶⁺.

(b) Results are obtained by XRF for primary screening, and further chemical testing by ICP-OES (for Cd, Pb, Hg), UV-Vis (for Cr(VI)) and GC-MS (for PBBs, PBDEs) is recommended to be performed, if the concentration exceeds the below warning value according to IEC62321-3-1:2013 (unit: mg/kg).

Element	Polymers	Metals	Composite Material
Cd	BL ≤ (70-3σ) < X < (130+3σ) ≤ OL	BL ≤ (70-3σ) < X < (130+3σ) ≤ OL	LOD < X < (150+3σ) ≤ OL
Pb	BL ≤ (700-3σ) < X < (1300+3σ) ≤ OL	BL ≤ (700-3σ) < X < (1300+3σ) ≤ OL	BL ≤ (500-3σ) < X < (1500+3σ) ≤ OL
Hg	BL ≤ (700-3σ) < X < (1300+3σ) ≤ OL	BL ≤ (700-3σ) < X < (1300+3σ) ≤ OL	BL ≤ (500-3σ) < X < (1500+3σ) ≤ OL
Cr	BL ≤ (700-3σ) < X	BL ≤ (700-3σ) < X	BL ≤ (500-3σ) < X
Br	BL ≤ (300-3σ) < X	NA	BL ≤ (250-3σ) < X

(c) OL=Over Limit, BL=Below Limit, X=inconclusive, LOD=Limit of Detection, NA=not applicable, -- = No Testing

(d) The XRF screening test for RoHS elements-The reading may be different to the actual content in the sample be of non-uniformity composition

2) (a) mg/kg=ppm=0.0001%, N.D.=not detected (<MDL)

(b) Unit and Method Detection Limit(MDL) in wet chemical test

Test Items	Unit	MDL	Limit
Pb	mg/kg	2	1000
Cd	mg/kg	2	100
Hg	mg/kg	2	1000
DBP	mg/kg	30	1000
BBP	mg/kg	30	1000
DEHP	mg/kg	30	1000
DIBP	mg/kg	30	1000

The MDL for single compound of PBBs & PBDEs is 20mg/kg, MDL of Cr⁶⁺ for metal sample is 0.10μg/cm². and MDL of Cr⁶⁺ for polymer & composite sample is 8 mg/kg.

(c) Metal sample:

-The sample is positive for Cr⁶⁺ if the Cr⁶⁺ concentration is greater than 0.13 μg/cm².

The sample coating is considered to contain Cr⁶⁺.

-The sample is negative for Cr⁶⁺ if Cr⁶⁺ is ND (concentration less than 0.10 μg/cm²).

The coating is considered a non- Cr⁶⁺ based coating

-The result between 0.10 μg/cm² and 0.13 μg/cm² is considered to be inconclusive, unavoidable coating variations may influence the determination

Information on storage conditions and production date of the tested sample is unavailable and thus Cr⁶⁺ results represent status of the sample at the time of testing.

3) As specified by client to test the specified materials only.

(4) *=According to the declaration from the client, Lead (Pb) in the sample are exempted by EU



RoHS Directive 2011/65/EU based on ANNEX III 6(c): Copper alloy containing no more than 4% lead by weight

- (5) #=According to the declaration from the client, Lead (Pb) in the sample are exempted by EU RoHS Directive 2011/65/EU based on ANNEX III 7(c)-I, Electrical and electronic components containing lead in a glass or ceramic other than dielectric ceramic in capacitors



Photograph of Sample



FIGURE 1



FIGURE 2

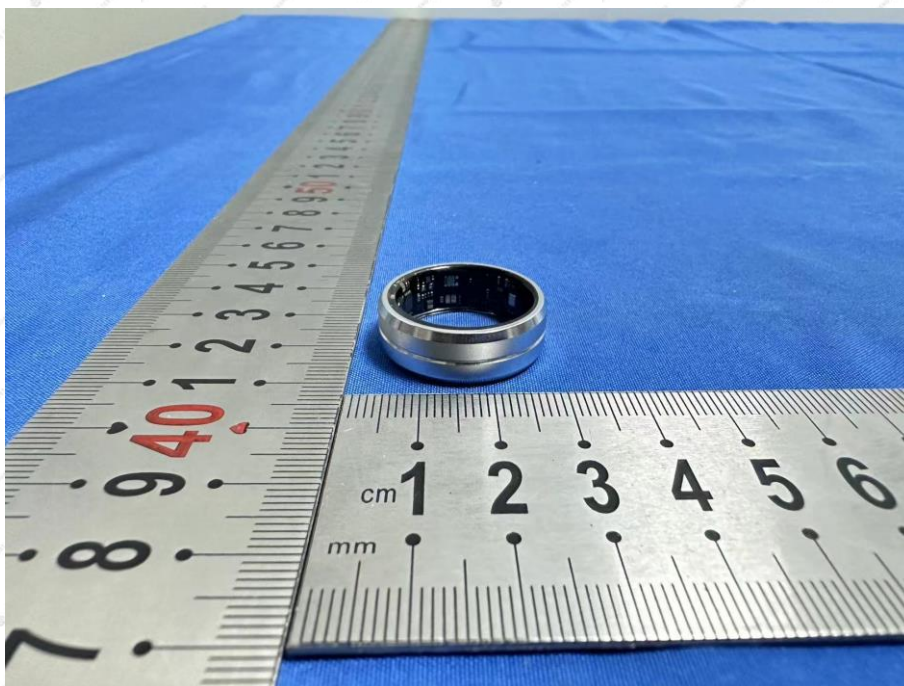


FIGURE 3

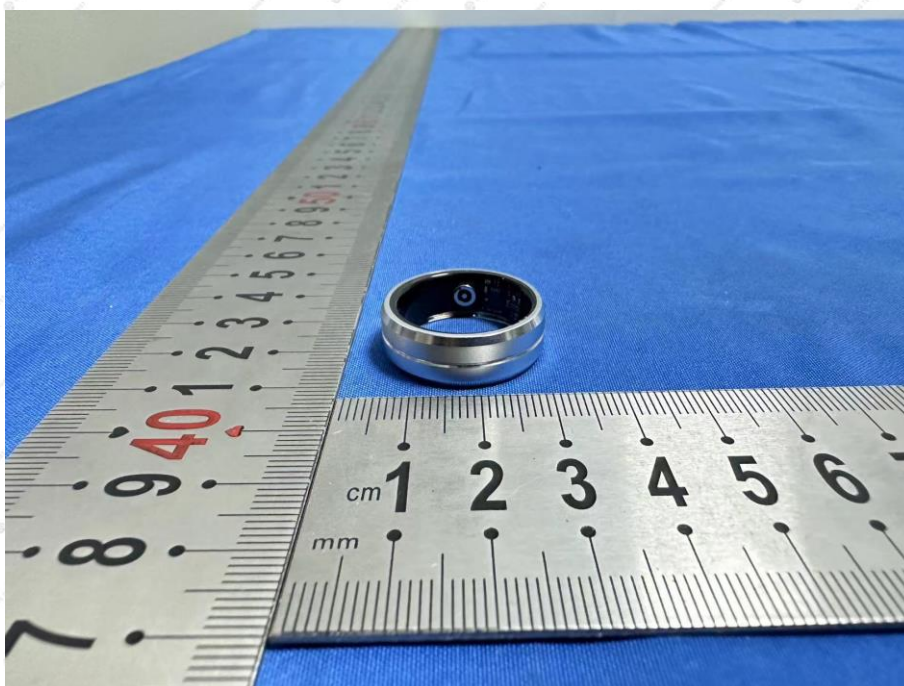


FIGURE 4



FIGURE 5

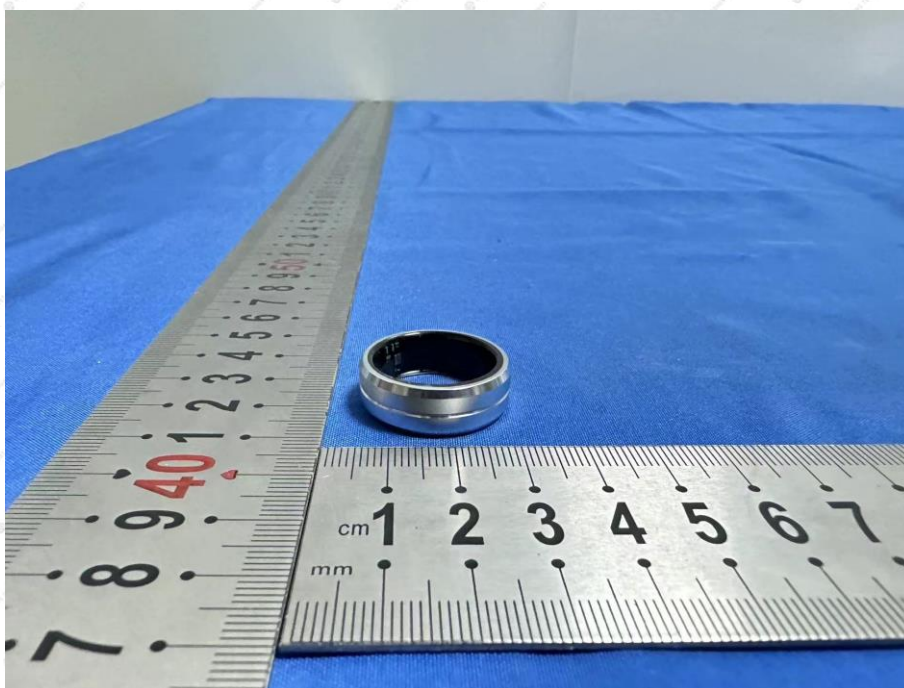


FIGURE 6



FIGURE 7

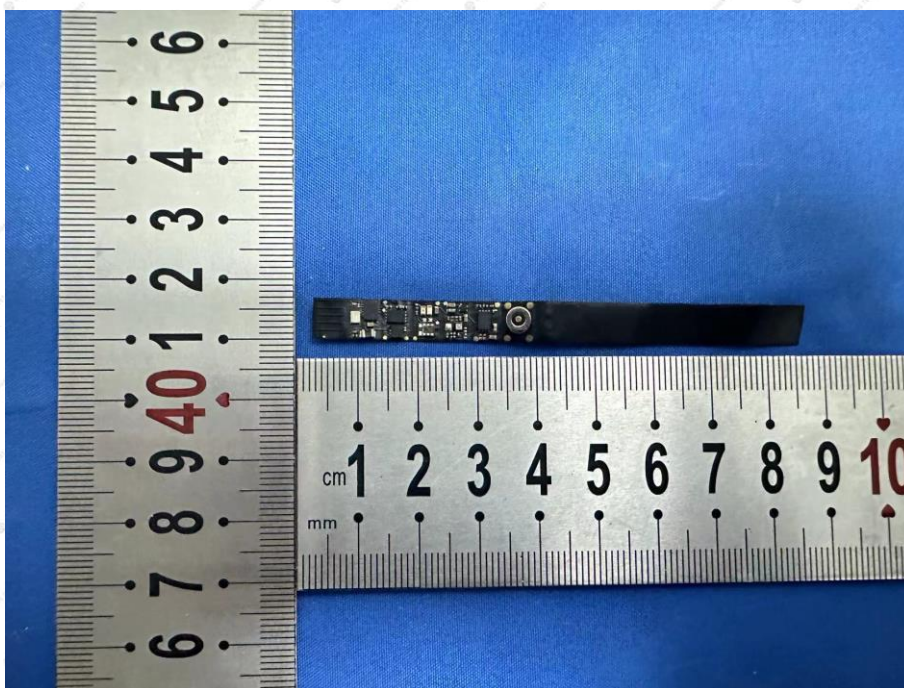


FIGURE 8

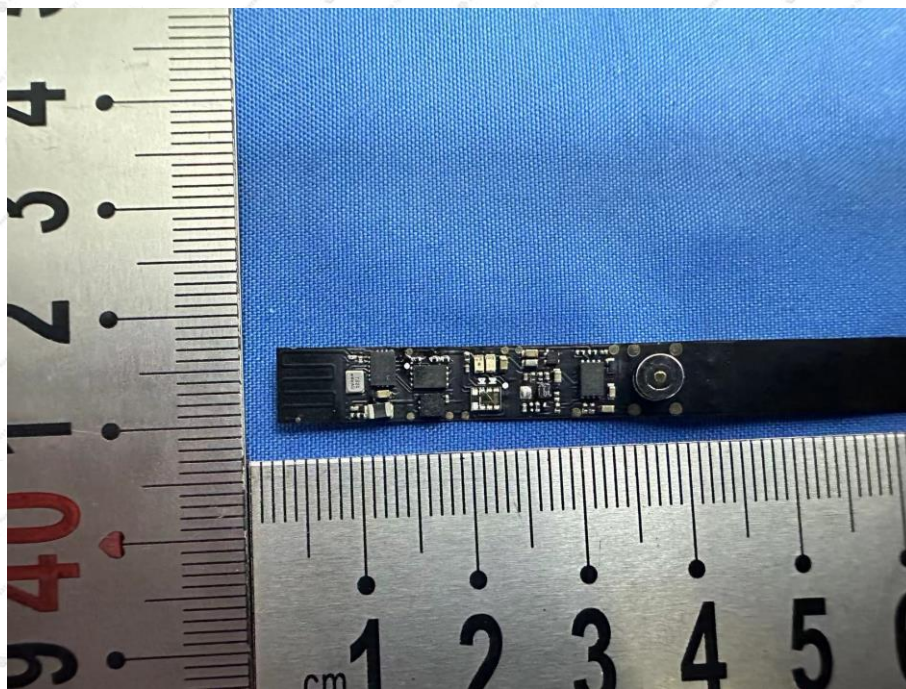


FIGURE 9

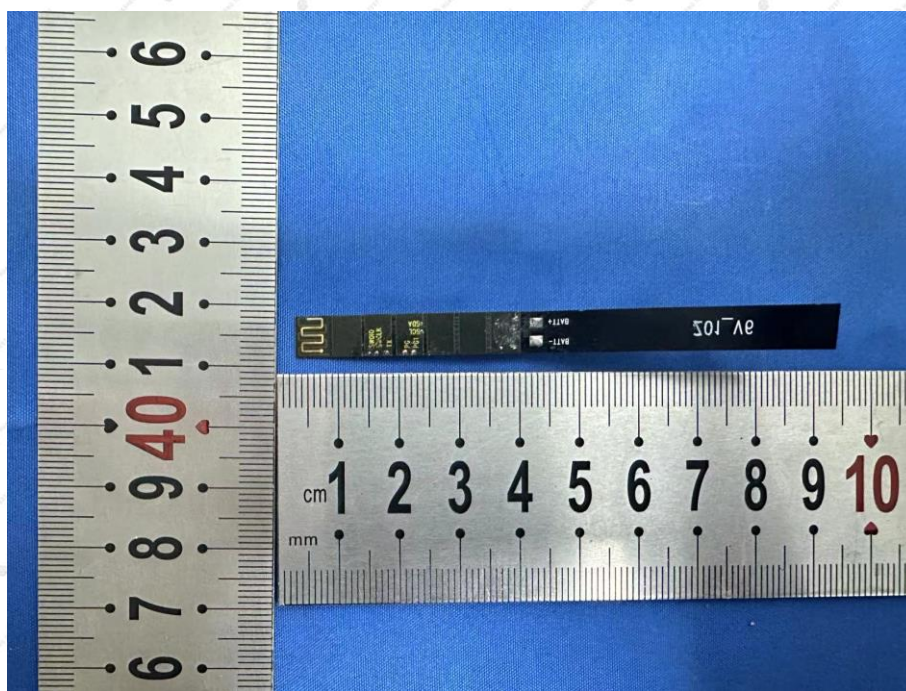


FIGURE 10

End of Report

TCB

**GRANT OF EQUIPMENT
AUTHORIZATION**

TCB

Certification

**Issued Under the Authority of the
Federal Communications Commission**

By:

**Eurofins Electrical and Electronic Testing
NA, Inc
914 W. Patapsco Avenue
Baltimore, MD 21230-3432**

Date of Grant: 01/19/2024

Application Dated: 01/19/2024

**Shenzhen XingchenVision RingCo., Ltd.
723Aohua Business Building.Aohua Business
Building, No.148Huarong Road,Gaofeng,Community
DalangStreet,Shenzhen,Guangdong Province,
China**

Attention: Peng Lei

NOT TRANSFERABLE

EQUIPMENT AUTHORIZATION is hereby issued to the named GRANTEE, and is
VALID ONLY for the equipment identified hereon for use under the Commission's
Rules and Regulations listed below.

FCC IDENTIFIER: 2BEKB-SR1
Name of Grantee: Shenzhen XingchenVision RingCo., Ltd.
Equipment Class: Digital Transmission System
Notes: Smart ring

<u>Grant Notes</u>	<u>FCC Rule Parts</u>	<u>Frequency Range (MHZ)</u>	<u>Output Watts</u>	<u>Frequency Tolerance</u>	<u>Emission Designator</u>
	15C	2402.0 - 2480.0	0.00111		

Output power listed is conducted.





This certificate is responsible for testing sample only.
Please refer to this corresponding test report to get testing process and data.

CERTIFICATE

Certificate No.: HS202312252533E

Certificate's Holder : Shenzhen XingchenVision RingCo., Ltd.
Address : 723Aohua Business Building.Aohua Business Building,
No.148Huarong Road, Gaofeng, Community, DalangStreet,
Shenzhen, Guangdong Province, China

Manufacturer : Shenzhen XingchenVision RingCo., Ltd.
Address : 723Aohua Business Building.Aohua Business Building,
No.148Huarong Road, Gaofeng, Community, DalangStreet,
Shenzhen, Guangdong Province, China

Product Name : Smart ring
Product Model (S) : SR1, SR2
Trade Mark : N/A
Related Directive : 2014/53/EU
Related Standards : Article 3.1a) : EN IEC 62368-1:2020 + A11:2020
EN 62479:2010; EN 50663:2017
Article 3.1b) : ETSI EN 301 489-1 V2.2.3 (2019-11)
ETSI EN 301 489-17 V3.2.6 (2023-06)
EN 55032:2015 + A1:2020 + A11:2020
EN 55035:2017 + A11:2020
Article 3.2) : ETSI EN 300 328 V2.2.2 (2019-07)

The EUT of the company mentioned above has been inspected and audit has been completed successfully and found in compliance with the council RED Directive 2014/53/EU. It is possible to use CE marking to demonstrate the compliance with this RED Directive. It is only valid in connection with the test report number: HS202312252533-1ER/-2ER/-1SR/-1EH.



Certification Manager
Jan. 17, 2024

This Certificate of Conformity is based on single evaluation of the submitted sample(s) of the above mentioned product. It does not imply an assessment of the whole product and relevant . Directives have to be observed.

Shenzhen Huasheng Testing Technology Co., Ltd.

1 / F, Building B, wanliye science and Technology Park, Chongqing Road, Bao'an District, Shenzhen, Guangdong, China
Tel: 400-801-8821 Http:www.huashengtest.com E-mial: huasheng@huashengtest.com