Guangzhou Eyki Watches Ltd

TEST REPORT

SCOPE OF WORK
EMC TESTING–K6531S-XZ1RRW

REPORT NUMBER
SZHH02080660-001S1

ISSUE DATE
24 JUL 2025

REVISE DATE
30 JAN 2026

PAGES
18

DOCUMENT CONTROL NUMBER
EN55014-1/2_d

intertek
Total Quality. Assured.

TEST REPORT

West Side of 1/F and 3,4,5/F of Bldg. 1, 1-5/F of Bldg. 3, Yuanzheng Science and Technology Industrial Park, No.4012, Wuhe Ave. North, Bantian Street, Longgang District, Shenzhen, Guangdong, China/518129
Tel: (86 755) 2602 0111
Fax: (86 755) 2683 7118\119
www.intertek.com

EMC VERIFICATION SUMMARY

Intertek Report No.: SZHH02080660-001S1

☑ E-TOY ☐ ITE ☐ Others _____

Model: K6531S-XZ1RRW Product Description: Alloy quartz watches are paired with gold and leather straps Test Conducted Date: 18 Jul 2025 to 24 Jul 2025	Applicant: Guangzhou Eyki Watches Ltd China Guangdong Guangzhou Huangpu, Kaiyuan Ave 198, 5F Sample Receipt Date:18 Jul 2025		
☒ 1st TEST ☐ 2nd TEST	ALL TESTS WERE CONDUCTED IN ACCORDANCE WITH: *EN 55014-1: 2017+A11:2020 & EN IEC 55014-1: 2021 *EN 55014-2: 1997/ A2: 2008 & EN IEC 55014-2: 2021		
Test Site and Location:	Intertek Testing Services Shenzhen Ltd. (CNAS L0327) No.101&201, Building B, No.308, Wuhe Avenue, Zhangkengjing, Guanhu Subdistrict, Longhua District, Shenzhen, Guangdong, China/518110		
Test Result	OK	Not OK	Remark
*EN 55014-1: 2017+A11:2020 & EN IEC 55014-1: 2021	☒	☐	☐
*EN 55014-2: 1997/ A2: 2008 & EN IEC 55014-2: 2021	☒	☐	☐
When determining the test conclusion, the Measurement Uncertainty of test has been considered.			

Remark: This report replaces previous report with report No. SZHH02080660-001 dated 24 Jul 2025. Only updated applicant information, don't test after engineer evaluate

Prepared and Checked By:

Approved By:

Digitally signed by Jimmy Wen
Location: Intertek Testing Services

Sign on File
Tom Li
Senior Engineer

_____ ***Signature***
Jimmy Wen
Manager
30 Jan 2026 ***Date***

EMC Results Conclusion
(with Justification)

RE: EMC Testing Pursuant to Electromagnetic Compatibility Directive (2014/30/EU) Performed On the Alloy quartz watches are paired with gold and leather straps,
Models: K6531S-XZ1RRW

We tested the Alloy quartz watches are paired with gold and leather straps, Model: K6531S-XZ1RRW, to determine if it was in compliance with the relevant EN standards as marked on the EMC Verification Summary. We found that the unit met the requirement of EN IEC 55014-1, EN IEC 55014-2 standards when tested as received.

The production units are required to conform to the initial sample as received when the units are placed on the market.

LABORATORY MEASUREMENTS

Configuration Information

Equipment Under Test (EUT):	Alloy quartz watches are paired with gold and leather straps
Model:	K6531S-XZ1RRW
Serial No.:	Not Labelled
Support Equipment:	N/A
Cables:	N/A
Adaptor:	N/A
Rating:	DC 1.5V (1 x 1.5V SR626 battery)

PERFORMANCE CRITERIA FOR IMMUNITY

Performance criterion A:

The apparatus shall continue to operate as intended during the test. No degradation of performance or loss of function is allowed below a performance level (or permissible loss of performance) specified by the manufacturer, when the apparatus is used as intended. If the minimum performance level or the permissible performance loss is not specified by the manufacturer, then either of these may be derived from the product description and documentation, and from what the user may reasonably expect from the apparatus if used as intended.

Performance criterion B:

The apparatus shall continue to operate as intended after the test. No degradation of performance or loss of function is allowed below a performance level (or permissible loss of performance) specified by the manufacturer, when the apparatus is used as intended. During the test, degradation of performance is allowed, however, no change of actual operating state or stored data is allowed. If the minimum performance level or the permissible performance loss is not specified by the manufacturer, then either of these may be derived from the product description and documentation, and from what the user may reasonably expect from the apparatus if used as intended.

Performance criterion C:

Temporary loss of function is allowed, provided the function is self- recoverable or can be restored by the operation of the controls, or by any operation specified in the instructions for use.

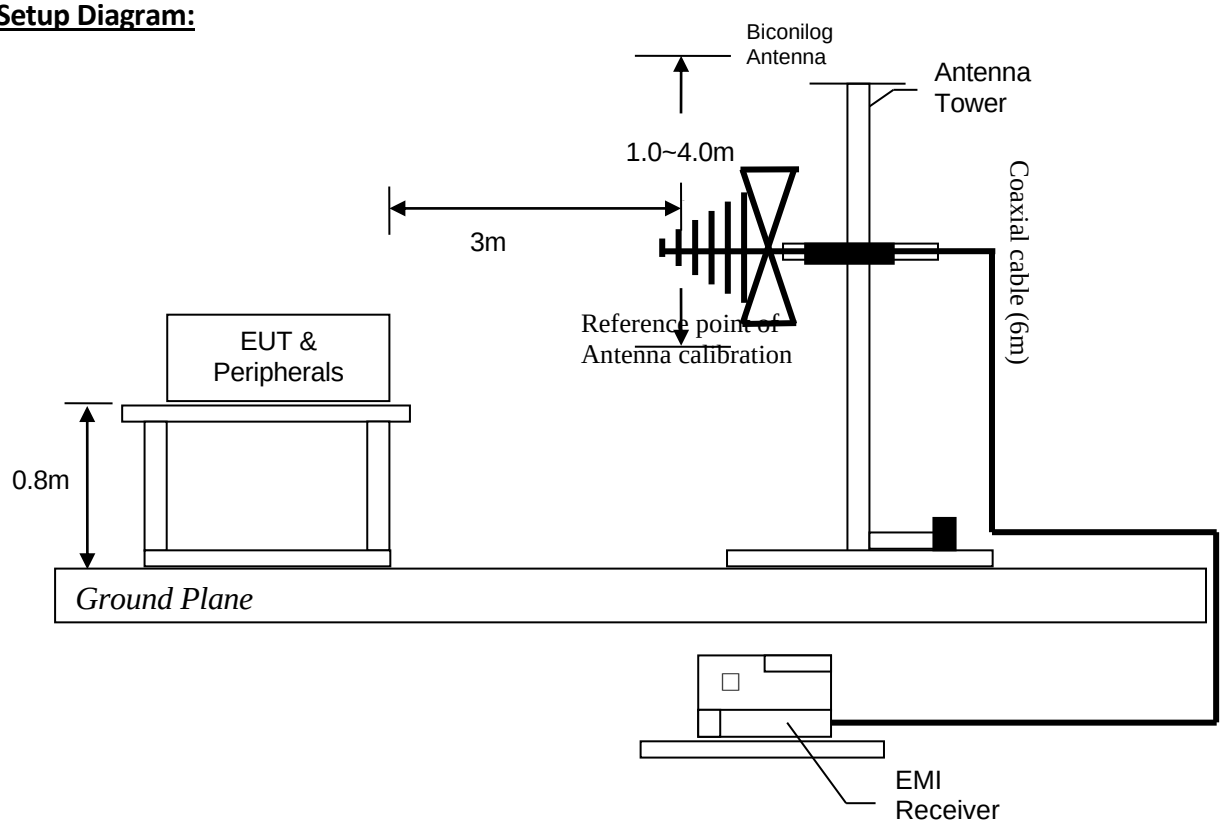
RADIATED DISTURBANCE PURSUANT TO EN IEC 55014-1: EMISSIONS REQUIREMENT

Used Test Equipment

Equip No.	Description	Manufacturer	Model No.	Cal. Date	Due Date
SZ185-04	EMI Receiver	R & S	ESR7	10 Nov 2024	10 Nov 2025
SZ061-13	Biconilog Antenna	ETS	3142E	29 May 2025	29 May 2028
SZ188-01	Anechoic Chamber	ETS	FACT 3-2.0	12 Dec 2021	12 Dec 2026

Notes:
1. Peak detector quick scan is showed on the graph and final quasi-peak detector data is measured corresponding to relevant limit and recorded in the data table.
2. Frequency range scanned: 30MHz to 1000MHz.
3. Only emissions significantly above equipment noise floor are reported.
4. Uncertainty: ±4.8dB at a level of confidence of 95%.

Test Setup Diagram:

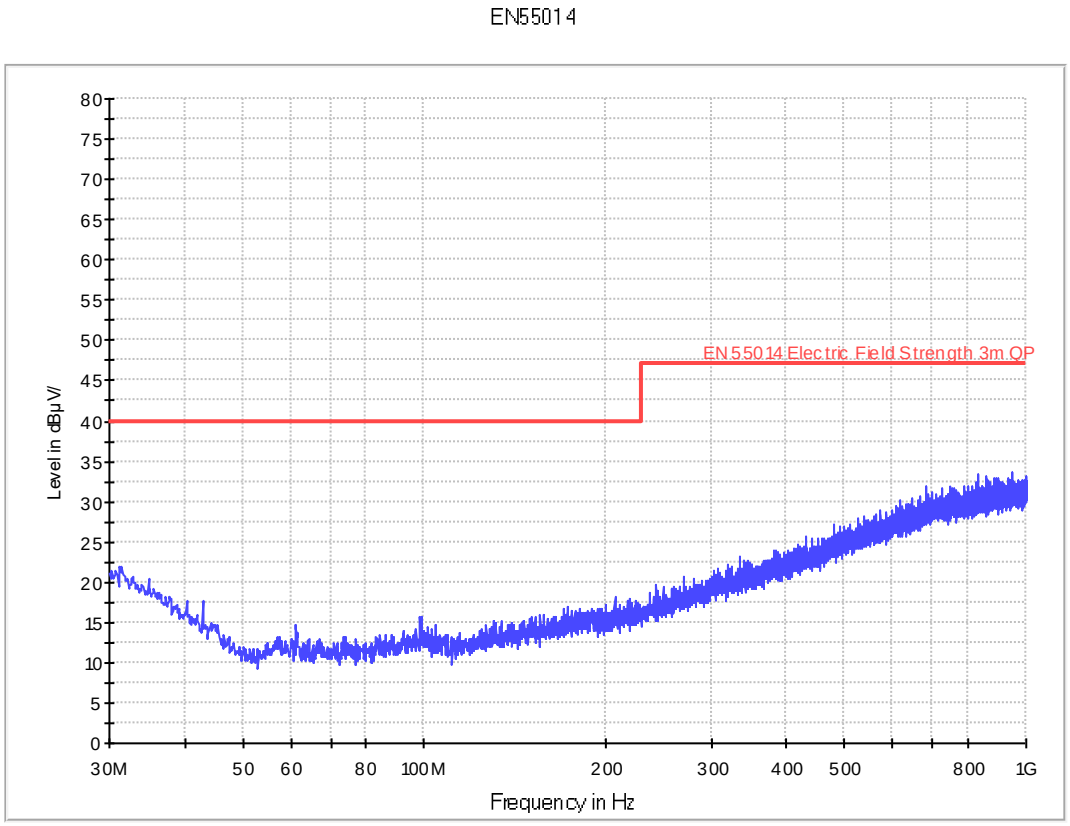


(Radiated Emission Measurements Test Setup)

Model: K6531S-XZ1RRW
Worst Case Operating Mode: Clock

Test Data
Radiated Disturbance
Pursuant to EN IEC 55014-1: Emissions Requirement

Horizontal

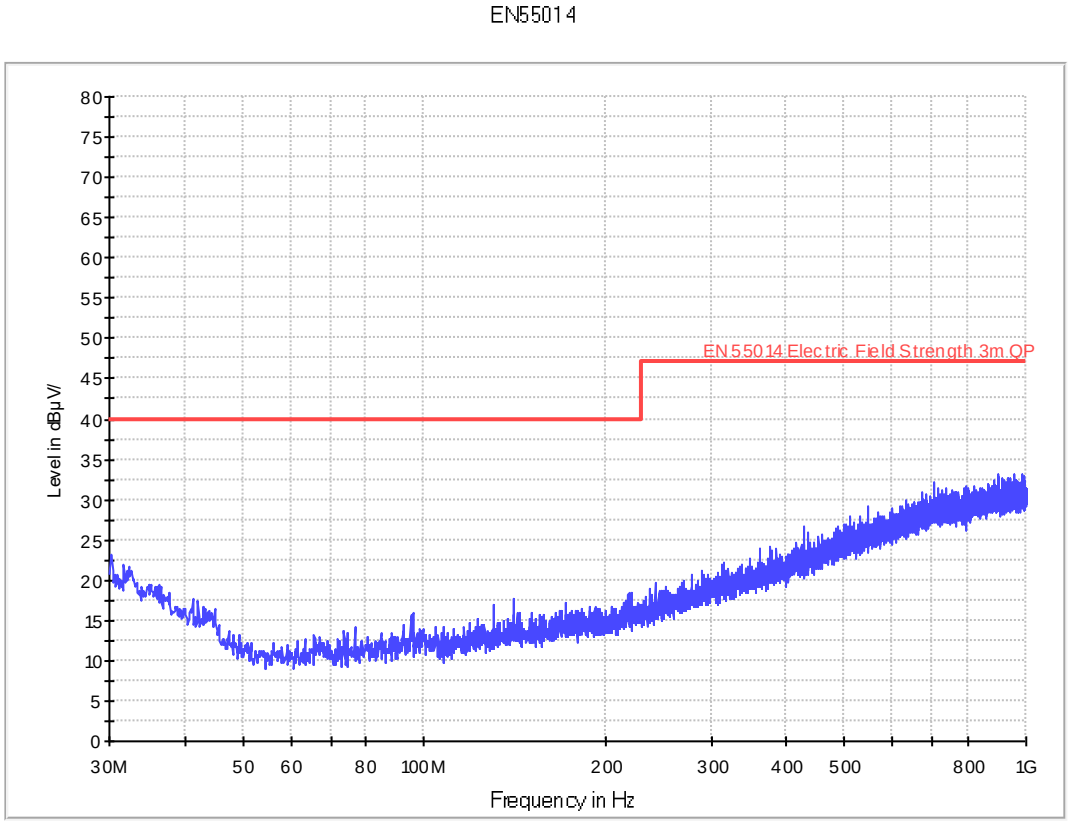


Remark: The emissions were very low against the limit in the frequency range 30MHz-1000MHz.

Model: K6531S-XZ1RRW
Worst Case Operating Mode: Clock

Test Data
Radiated Disturbance
Pursuant to EN IEC 55014-1: Emissions Requirement

Vertical



Remark: The emissions were very low against the limit in the frequency range 30MHz-1000MHz.

Model: K6531S-XZ1RRW

EN 61000-4-2
Electrostatic Discharge

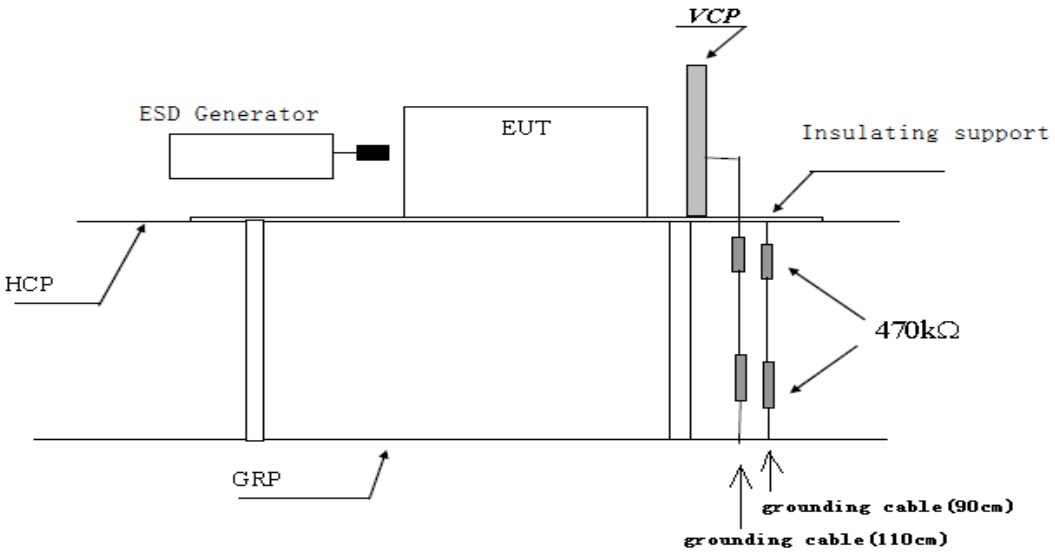
Test Summary (Pursuant to EN IEC 55014-2)

Basic Standard:	EN 61000-4-2
Port:	Enclosure
Required Performance Criterion:	B
Limit:	±8.0kV (Air Discharge)
	±4.0kV (Contact Discharge)
	±4.0kV (Indirect Contact Discharge)
Temperature:	25.0°C
Relative Humidity:	50.0%
Test Mode:	Clock
Test Setup:	Table-top
Test of Post-Installation:	N/A
Time Between Each Discharge:	1 second

Used Test Equipment

Equipment No.	Equipment	Manufacturer	Model No.	Cal. Date	Due Date
SZ189-05	ESD Simulator	Teseq	NSG 437	25 May 2025	25 May 2026

Test Setup Diagram



Test set-up of electrostatic discharge

Test Results

EN 61000-4-2
Electrostatic Discharge

Discharge Type	No. of Discharge	Applied Voltage	Result (Pursuant to EN IEC 55014-2 criterion B)
Contact Discharge	20	+4kV	OK
		-4kV	OK
Air Discharge	20	+8kV	OK
		-8kV	OK
Indirect HCP Discharge	20	+4kV	OK
		-4kV	OK
Indirect VCP Discharge	20	+4kV	OK
		-4kV	OK

- **No. of discharge: 10 discharge for +ve and 10 discharge for –ve.**
- **Time between each discharge: at least 1 second.**

☒ Additional Information

☒ No observable change.

Model: K6531S-XZ1RRW

EN 61000-4-3
RADIATED IMMUNITY

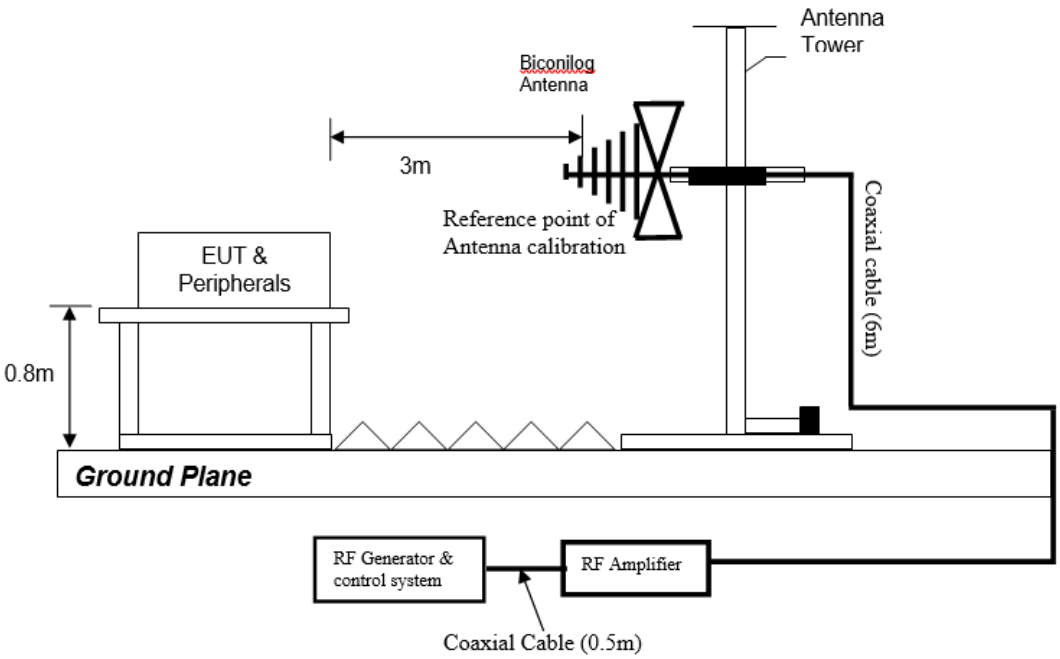
Test Summary (Pursuant to EN IEC 55014-2)

Basic Standard:	IEC 61000-4-3
Port:	Enclosure
Required Performance Criterion:	A
Limit:	3.0V/m (rms)
Test Modulation:	1kHz, 80% AM
Frequency:	80MHz to 6000MHz
Dwell Time:	1s
Frequency Step:	1%
Temperature:	24.5°C
Relative Humidity:	68.6%
Test Facility:	Full Anechoic Chamber
Antenna Polarization:	Horizontal and Vertical
Type of Antenna:	Log-periodic
Test Distance:	3 meters
Test Mode:	Clock
Test Setup:	Table-top

Used Test Equipment

Equipment No.	Equipment	Manufacturer	Model No.	Cal. Date	Due Date
SZ061-13	BiConiLog Antenna	ETS	3142C	29 May 2025	29 May 2028
SZ180-02	Signal Generator	Aeroflex	2023A	5 Dec 2024	5 Dec 2025
SZ181-01	Amplifier	PRANA	AP32 MT215	6 Dec 2024	6 Dec 2025
SZ188-02	Anechoic Chamber	ETS	RFD-F/A-100	12 Dec 2021	12 Dec 2026

Test Setup Diagram



Test set-up of Immunity to Radiated Electric Fields

Model: K6531S-XZ1RRW

Test Results

EN 61000-4-3
Radiated Immunity

Frequency (MHz)	Exposed Side	Field Strength V/m (rms)	Result (Pursuant to EN IEC 55014-2, Criterion A)
80 to 6000	Front	3	OK
80 to 6000	Left	3	OK
80 to 6000	Rear	3	OK
80 to 6000	Right	3	OK

☒ Additional Information

☒ No observable change

Photos of EUT

External Photo

External Photo

External Photo

Internal Photo

Internal Photo

Internal Photo

---END---