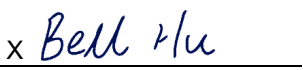


Prüfbericht-Nr.: Test report no.:	CN2607I3 003	Auftrags-Nr.: Order no.:	27220691	Seite 1 von 11 Page 1 of 11
Kunden-Referenz-Nr.: Client reference no.:	N/A	Auftragsdatum: Order date:	2026-02-09	
Auftraggeber: Client:	Wenzhou Yeeka Lock Technology Co., Ltd No. 350, Yongtai Road, Panqiao, Ouhai District, Wenzhou City, 325018 Zhejiang, P.R. China			
Prüfgegenstand: Test item:	Smart lock			
Bezeichnung / Typ-Nr.: Identification / Type no.:	1507-R			
Auftrags-Inhalt: Order content:	Test Report			
Prüfgrundlage: Test specification:	CFR Title 47 FCC Part 2: Section 2.1093			
Wareneingangsdatum: Date of sample receipt:	2026-03-14	Please refer to photo documents		
Prüfmuster-Nr.: Test sample no.:	A004206636-002 A004218786-002			
Prüfzeitraum: Testing period:	2026-03-24 - 2026-04-09			
Ort der Prüfung: Place of testing:	TÜV Rheinland (Shenzhen) Co., Ltd.			
Prüflaboratorium: Testing laboratory:	TÜV Rheinland (Shenzhen) Co., Ltd.			
Prüfergebnis*: Test result*:	Pass			
geprüft von: tested by:			genehmigt von: authorized by:	
Datum: Date:	2026-06-02	Ausstellungsdatum: Issue date:		2026-06-02
Stellung / Position:	Sachverständige(r)/Expert	Stellung / Position:		Sachverständige(r)/Expert
Sonstiges / Other:	FCC ID: 2AXIY-1507-R			
Zustand des Prüfgegenstandes bei Anlieferung: Condition of the test item at delivery:	Prüfmuster vollständig und unbeschädigt Test item complete and undamaged			
* Legende: P(ass) = entspricht o.g. Prüfgrundlage(n) F(ail) = entspricht nicht o.g. Prüfgrundlage(n) N/A = nicht anwendbar N/T = nicht getestet * Legend: P(ass) = passed a.m. test specification(s) F(ail) = failed a.m. test specification(s) N/A = not applicable N/T = not tested				
Dieser Prüfbericht bezieht sich nur auf das o.g. Prüfmuster und darf ohne Genehmigung der Prüfstelle nicht auszugsweise vervielfältigt werden. Dieser Bericht berechtigt nicht zur Verwendung eines Prüfzeichens. <i>This test report only relates to the above mentioned test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any test mark.</i>				

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Test report no.:

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Anmerkungen
Remarks

1	Alle eingesetzten Prüfmittel waren zum angegebenen Prüfzeitraum gemäß eines festgelegten Kalibrierungsprogramms unseres Prüfhauses kalibriert. Sie entsprechen den in den Prüfprogrammen hinterlegten Anforderungen. Die Rückverfolgbarkeit der eingesetzten Prüfmittel ist durch die Einhaltung der Regelungen unseres Managementsystems gegeben. Detaillierte Informationen bezüglich Prüfbedingungen, Prüfequipment und Messunsicherheiten sind im Prüflabor vorhanden und können auf Wunsch bereitgestellt werden. <i>The equipment used during the specified testing period was calibrated according to our test laboratory calibration program. The equipment fulfils the requirements included in the relevant standards. The traceability of the test equipment used is ensured by compliance with the regulations of our management system. Detailed information regarding test conditions, equipment and measurement uncertainty is available in the test laboratory and could be provided on request.</i>
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3	Prüfklausel mit der Note * wurden an qualifizierte Unterauftragnehmer vergeben und sind unter der jeweiligen Prüfklausel des Berichts beschrieben. Abweichungen von Prüfspezifikation(en) oder Kundenanforderungen sind in der jeweiligen Prüfklausel im Bericht aufgeführt. <i>Test clauses with remark of * are subcontracted to qualified subcontractors and described under the respective test clause in the report.</i> <i>Deviations of testing specification(s) or customer requirements are listed in specific test clause in the report.</i>
4	Die Entscheidungsregel für Konformitätserklärungen basierend auf numerischen Messergebnissen in diesem Prüfbericht basiert auf der "Null-Grenzwert-Regel" und der "Einfachen Akzeptanz" gemäß ILAC G8:2019 und IEC Guide 115:2023, es sei denn, in der auf Seite 1 dieses Berichts genannten angewandten Norm ist etwas anderes festgelegt oder vom Kunden gewünscht. Dies bedeutet, dass die Messunsicherheit nicht berücksichtigt wird und daher auch nicht im Prüfbericht angegeben wird. Zu weiteren Informationen bezüglich des Risikos durch diese Entscheidungsregel siehe ILAC G8:2019. <i>The decision rule for statements of conformity, based on numerical measurement results, in this test report is based on the "Zero Guard Band Rule" and "Simple Acceptance" in accordance with ILAC G8:2019 and IEC Guide 115:2023, unless otherwise specified in the applied standard mentioned on Page 1 of this report or requested by the customer. This means that measurement uncertainty is not taken in account and hence also not declared in the test report. For additional information to the resulting risk based of this decision rule please refer to ILAC G8:2019.</i>

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1. General Remarks

1.1 Complementary Materials

All attachments are integral parts of this test report. This applies especially to the following appendix:

Appendix A: Photographs of the Test Set-up.

2. Test Sites

2.1 Test Facilities

TÜV Rheinland (Shenzhen) Co., Ltd.

2-3F, 101 & 102, No.2, Nuclear Power Industrial Park, Fuming Community, Fucheng Street, Longhua District, Shenzhen 518000, People's Republic of China
FCC Accreditation Designation No.: 694916

2.2 List of Test and Measurement Instruments

Table 1: List of Test and Measurement Equipment

Equipment	Manufacturer	Model	Serial No.	Cal. Date	Cal. until
Electric and Magnetic Field Analyzer	Narda	EHP200A	180ZX20517	2025-09-28	2027-09-26

2.3 Traceability

All measurement equipment calibrations are traceable to NIST or where calibration is performed outside the United States, to equivalent nationally recognized standards organizations.

2.4 Calibration

Equipment requiring calibration is calibrated periodically by the manufacturer or according to manufacturer's specifications. Additionally all equipment is verified for proper performance on a regular basis using in house standards or comparisons.

2.5 Location of Original Data

The original copies of all test data taken during actual testing were attached at Appendixes of this report and delivered to the applicant. A copy has been retained in the TÜV Rheinland (Shenzhen) file for certification follow-up purposes.

2.6 Measurement Uncertainty

The estimated combined standard uncertainty for radiated emissions and conducted emissions measurements as below table.

Table 2: Measurement Uncertainty

Parameter	Uncertainty (k=2)
Magnetic Field Emissions (A/m)	$\pm 1.2 \mu\text{T}$
Electric Field Emissions (V/m)	$\pm 18\%$

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2.7 Location of Original Data

The original copies of all test data taken during actual testing were attached at Appendix A of this report and delivered to the applicant. A copy has been retained in the TÜV Rheinland (Shenzhen) Co., Ltd. file for certification follow-up purposes.

2.8 Status of Facility Used for Testing

The TÜV Rheinland (Shenzhen) Co., Ltd. Test facility located at 2-3F, 101 & 102, No.2, Nuclear Power Industrial Park, Fuming Community, Fucheng Street, Longhua District, Shenzhen 518000, People's Republic of China is listed on the US Federal Communications Commission list of facilities approved to perform measurements.

3. General Product Information

3.1 Product Function and Intended Use

The product is a Smart lock, which supports 13.56MHz and 125kHz functions.

For details refer to the User Manual, Technical Description and Circuit Diagram.

3.2 Rating and System Details

Table 3: Technical Specification of EUT

General Information of EUT	Value
Kind of Equipment:	Smart lock
Type Designation:	1507-R
FCC ID:	2AXIY-1507-R
Operating Voltage:	DC 12V
Test Voltage:	DC 12V
Technical Specification of 13.56MHz	
Operating Frequency:	13.56 MHz
Type of Modulation:	ASK
Channel Number:	1
Antenna Type:	PCB Coil Antenna
Technical Specification of 125kHz	
Operating Frequency:	125kHz
Type of Modulation:	ASK
Channel Number:	1
Antenna Type:	PCB Coil Antenna

3.3 Independent Operation Modes

The basic operation modes are:

- A. On, 125kHz (Transmitting, Standby)

3.4 Noise Generating and Noise Suppressing Parts

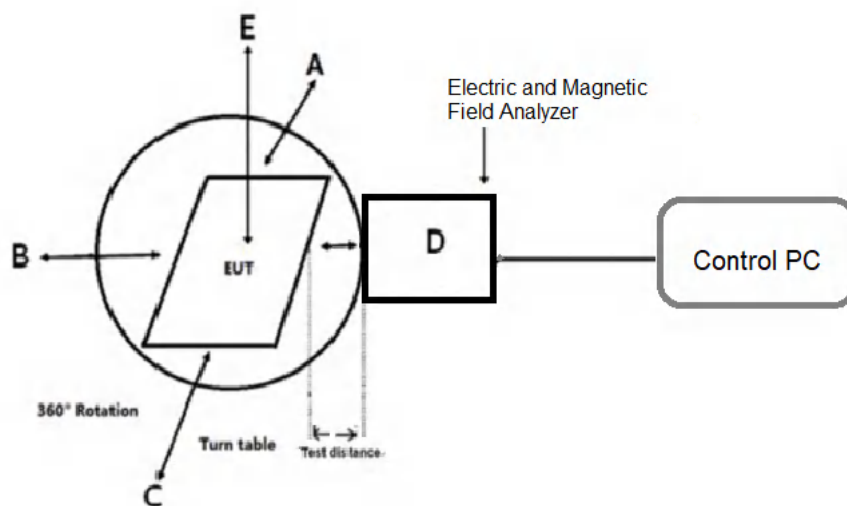
Refer to Circuit Diagram for further details.

3.5 Submitted Documents

- Application Form
- User Manual
- Operation Description
- ID Label and Location Info

3.6 Test Setup Diagram

Diagram of Measurement Configuration



4. Test Results

4.1 Radio Frequency Exposure Compliance (125kHz)

4.1.1 Test Procedures According to the Technical Standards

Standards	Test Item	Limit	Judgment
FCC KDB 680106 D01 Clause 3.2	Magnetic Field Strength (H) (A/m)	1.63	PASS

4.1.2 Test Result

RF Exposure Evaluation - Magnetic Field Emissions

Test Mode	Test Distance (cm)	Measure Value (A/m)						Limit (A/m)	Result
		Front	Rear	Left	Right	Top	Bottom		
Standby	10	0.567	0.129	0.158	0.089	0.063	0.023	1.63	PASS

Remarks: This testing was carried out on all operation modes, but only the worst case was presented in this report.

4.2 Radio Frequency Exposure Compliance (13.56MHz)

4.2.1 RF Exposure Compliance

Test standard : FCC Part 2: Section 2.1093
KDB 648474 D03 v01r04

Measurement Record:

The minimum distance for the EUT is less than 5mm.

Since maximum peak output power of the NFC is -45.92 dBm (49.31 dBμV/m)≈ 0.00003 mW < 1 mW.

Note: The maximum peak output power test data refer to test report CN2607I3 001.

Transmits at 13.56 MHz with a maximum time-averaged output power ≤ 1 mW. In accordance with 47 CFR § 2.1093(c)(1) and 47 CFR § 1.1307(b)(3)(i)(A), the equipment qualifies for RF exposure exemption and requires no additional MPE or SAR testing.

5. Photographs of the Test Set-Up

For photographs of the test set-up, refer to the appendix A.