



MPE Test Report

Report No: FCS202603185H02

Issued for

Applicant:	NINGBO ILOCK SECURITY TECHNOLOGY CO.,LTD
Address:	12 Shengxia Road, Beilun District, Ningbo City, Zhejiang Province, China
Product Name:	Handgun Safe
Brand Name:	N/A
Model Name:	WX005-B
Series Model:	WX005-Bluetooth/WX005-W
FCC ID:	2BPDX-WX005-B
Issued By: Flux Compliance Service Laboratory Add: Room 105 Floor Bao hao Technology Building 1 NO.15 Gong ye West Road Hi-Tech Industrial, Song shan lake Dongguan Tel: 769-27280901 Fax:769-27280901 http://www.fcs-lab.com	

TEST RESULT CERTIFICATION

Applicant's Name.....: NINGBO ILOCK SECURITY TECHNOLOGY CO.,LTD

Address.....: 12 Shengxia Road, Beilun District, Ningbo City, Zhejiang Province, China

Manufacture's Name.....: NINGBO ILOCK SECURITY TECHNOLOGY CO.,LTD

Address.....: 12 Shengxia Road, Beilun District, Ningbo City, Zhejiang Province, China

Product Description

Product Name.....: Handgun Safe

Brand Name: N/A

Model Name.....: WX005-B

Series Model.....: Please refer to the first page of the report

Test Standards.....: FCC CFR 47 part1, 1.1307(b),1.1310,47 CFRS2.1091:
KDB 680106 Wireless Power Transfer D01 V04

This device described above has been tested FCS, the test results show that the equipment under test (EUT) is in compliance with the FCC requirements. And it is applicable only to the tested sample identified in the report.

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Date of Test.....:

Date (s) of performance of tests.: Mar 17, 2026~Mar 26, 2026

Date of Issue.....: Mar 26, 2026

Test Result.....: Pass

Tested by

:

Jojo Wu

(Jojo Wu)

Reviewed by

:

Jojo Wu

(Jojo Wu)

Approved by

:

Jack Wang

(Jack Wang)

Product Name	Handgun Safe
Trade Name	N/A
Model Name	WX005-B
Series Model	Please refer to the first page of the report
Model Difference	PCB board, structure and internal of these model(s) are the same, only differing in Model name and color. So no additional models were tested
Channel List	Please refer to the Note 2.
Operation frequency	115-205kHz
Modulation Type	MSK
Antenna Type	Inductive Loop Antenna with 0.0dBi
Power Supply	Input: 5V2A, 9V2.2A Output power: 5W/7.5W/10W/15W
Rated voltage	DC 9V by adapter
Test voltage	DC 9V by adapter
Hardware version number	V1.0
Software version number	V1.0
Connecting I/O Port(s)	Please refer to the User's Manual

RF Exposure Evaluation 2BPDX-WX005-B

1 Measuring Standard

KDB 680106 Wireless Power Transfer D01 V04

2 Requirements

All requirements refer to Section 3 of KDB 680106 D01V04:

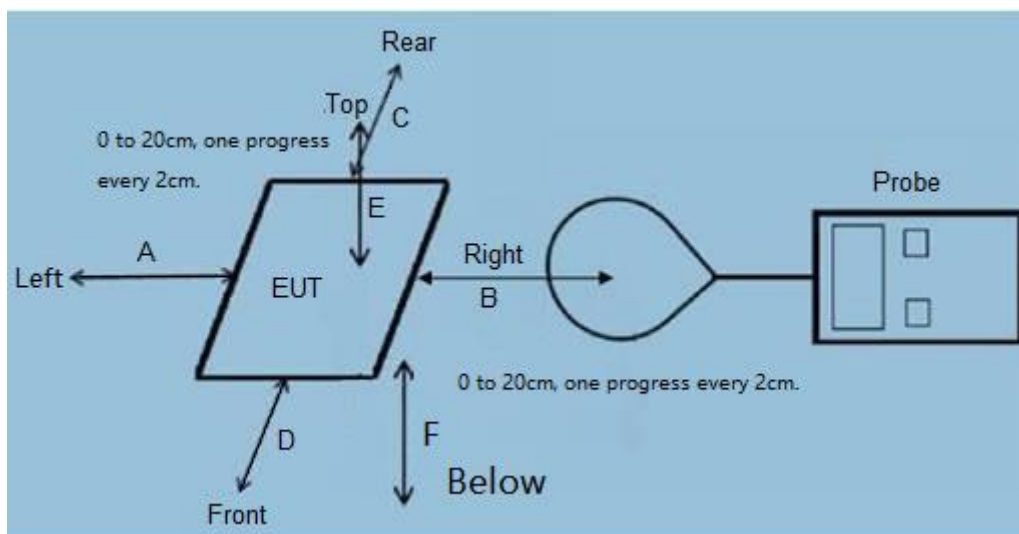
- 1.The devices may be considered to meet the § 2.1091-Mobile conditions (“generally be used in such a way that a separation distance of at least 20 centimeters is normally maintained between the RF source's radiating structure(s) and [the nearest person]”)
- 2.Devices Operating at Frequencies Below 4 MHz.
- 3.For § 2.1091-Mobile devices, the MPE limits between 100 kHz to 300 kHz are to be considered the same as those at 300 kHz in Table 1 of § 1.1310, that is, 614 V/m and 1.63 A/m, for the electric field and magnetic field, respectively.

3 Limits

The criteria listed in the following table shall be used to evaluate the environment impact of human exposure to radio frequency (RF) radiation as specified in 1.1307(b)

Limits for Maximum Permissible Exposure (MPE)

4 Test Setup



5 Test Procedure

- 1) The RF exposure test was performed in anechoic chamber.
- 2) The measurement probe was placed at test distance (20 cm from the top) which is between the edge of the charger and the geometric center of probe.
- 3) The highest emission level was recorded and compared with limit as soon as measurement of each points (A, B, C, D, E) were completed
- 4) The EUT was measured according to the dictates of KDB 680106 D01 Wireless Power Transfer v04.

6. Measurement Uncertainty (95% confidence levels, k=2)

Item	Uncertainty
Uncertainty for H-Field	2.36dB
Uncertainty for E-Field	2.42dB
Uncertainty for conducted RF Power	0.62dB
Uncertainty for temperature	0.2°C
Uncertainty for humidity	1.1%
Uncertainty for DC and low frequency voltages	0.06%

7. Equipment list

Test Equipment	Manufacturer	Model No.	SN.	Last calibration	Calibrated until
Electric and Magnetic field probe-Analyzer	Narda	EHP-200A	N03565	Aug 25,2025	Aug 24,2026

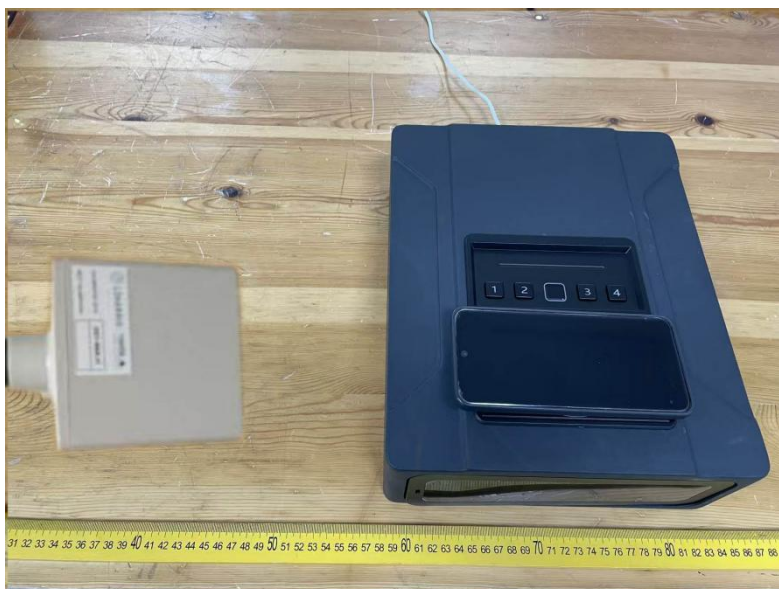
8 Test mode

Mode 1	Null Load
Mode 2	Half Load-7.5W
Mode 3	Full Load -15W

9 Necessary accessories

	Equipment	Mfr/Brand	Model/Type No.	Serial No.	Note
1	electronic load	YBZ	Intelligent wireless charging full function test module	N/A	This is for testing only in report.

Placement Mode 1 Photo



10 Test Result

Placement Mode 3(Worst)

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

Battery power	Frequency Range(MHz)	Test Position A	Test Position B	Test Position C	Test Position D	Limits (V/m)	Result
Mode 3	0.115-0.205	1.42	1.48	0.60	0.59	614	PASS
Mode 3	0.115-0.205	1.42	1.47	0.49	0.63	614	PASS
Mode 3	0.115-0.205	1.38	1.42	0.46	0.61	614	PASS

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

Battery power	Frequency Range(MHz)	Test Position E	Limits (V/m)	Result
Mode 3	0.115-0.205	1.22	614	PASS
Mode 3	0.115-0.205	1.31	614	PASS
Mode 3	0.115-0.205	1.37	614	PASS

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

Battery power	Frequency Range(MHz)	Test Position A	Test Position B	Test Position C	Test Position D	Limits (A/m)	Result
Mode 3	0.115-0.205	0.66	0.67	0.66	0.64	1.63	PASS
Mode 3	0.115-0.205	0.64	0.59	0.61	0.68	1.63	PASS
Mode 3	0.115-0.205	0.66	0.59	0.61	0.64	1.63	PASS

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

Battery power	Frequency Range(MHz)	Test Position E	Limits (A/m)	Result
Mode 3	0.115-0.205	0.57	1.63	PASS
Mode 3	0.115-0.205	0.54	1.63	PASS
Mode 3	0.115-0.205	0.51	1.63	PASS

*****END OF THE REPORT*****