



# MPE Test Report

Report No: FCS202603184H02

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:                                                                                                                                                                                                                                                              | WX003                                                                    |
| Series Model:                                                                                                                                                                                                                                                            | wx003-BT, wx003-WF, wx003-A                                              |
| FCC ID:                                                                                                                                                                                                                                                                  | 2BPDX-WX003                                                              |
| Issued By: Flux Compliance Service Laboratory<br>Add: Room 105 Floor Bao hao Technology Building 1 NO.15 Gong ye West Road Hi-Tech Industrial, Song shan lake Dongguan<br>Tel: 769-27280901 Fax:769-27280901 <a href="http://www.fcs-lab.com">http://www.fcs-lab.com</a> |                                                                          |

## 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.....: WX003

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

Test Standards.....: FCC Rules and Regulations Part 15 Subpart C, Section 209

Test Procedure.....: ANSI C63.10:2020

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 25, 2026

Date of Issue.....: Mar 25, 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              | WX003                                                                                                                                                                                    |
| 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,360KHz                                                                                                                                                                        |
| Modulation Type         | MSK                                                                                                                                                                                      |
| Antenna Type            | Inductive Loop Antenna with 0dBi                                                                                                                                                         |
| Power Supply            | AC:100-240V~50/60Hz 0.8A Max<br>Phone1 Output: 5W/7.5W/10W/15W<br>Phone2 Output: 5W/7.5W/10W/15W<br>Earphone Output: 5W<br>Operating Frequency:<br>5W,7.5W,10W(115-205kHz)MPP15W(360KHz) |
| Rated voltage           | DC:12V by adapter                                                                                                                                                                        |
| Test voltage            | DC:12V 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

FCC ID: 2BPDX-WX003

### 1 Measuring Standard

KDB 680106 Wireless Power Transfer D01 V04

### 2 Requirements

All requirements refer to Section 3 of KDB 680106 D01V04:

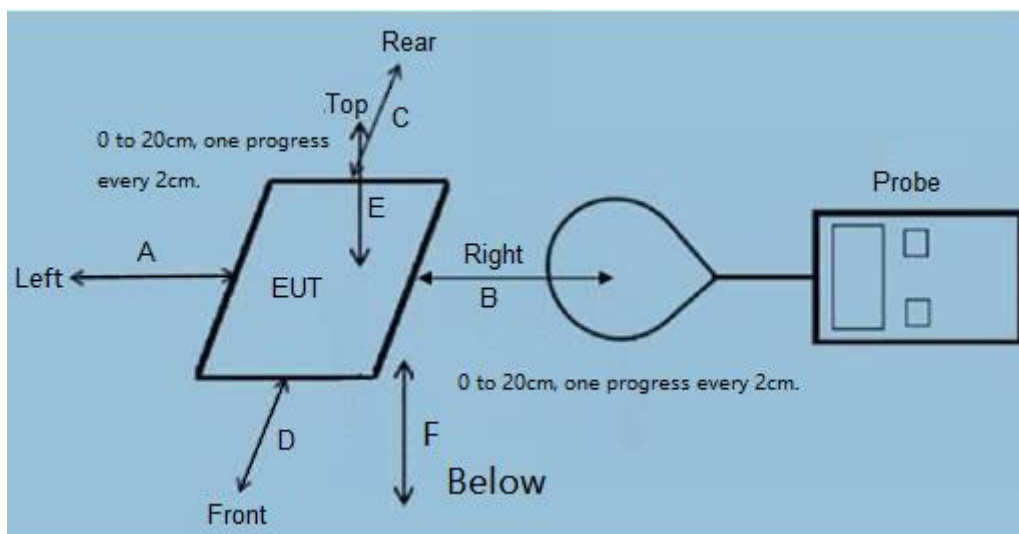
- 1.The devices may be considered to meet the § 2.1091-Mobile conditions (“generally be used in such a way that a separation distance of at least 20 centimeters is normally maintained between the RF source's radiating structure(s) and [the nearest person]”)
- 2.Devices Operating at Frequencies Below 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      |

## 9 Test mode

|  | Mode    | Description                                    |
|--|---------|------------------------------------------------|
|  | Mode 1  | Wireless Earbuds(5W)                           |
|  | Mode 2  | Phone1(5W)                                     |
|  | Mode 3  | Phone1(7.5W)                                   |
|  | Mode 4  | Phone1(10W)                                    |
|  | Mode 5  | Phone1(15W)                                    |
|  | Mode 6  | Phone2(5W)                                     |
|  | Mode 8  | Phone2(7.5W)                                   |
|  | Mode 9  | Phone2(10W)                                    |
|  | Mode 10 | Phone2(15W)                                    |
|  | Mode 11 | Wireless Earbuds(5W)+Phone1(5W)+Phone2(5W)     |
|  | Mode 10 | Wireless Earbuds(5W)+Phone1(7.5W)+Phone2(7.5W) |
|  | Mode 14 | Wireless Earbuds(5W)+Phone1(10W)+Phone2(10W)   |
|  | Mode 15 | Wireless Earbuds(5W)+Phone1(15W)+Phone2(15W)   |
|  | Mode 16 | Wireless Earbuds(5W)+Phone1(5W)                |
|  | Mode 17 | Wireless Earbuds(5W)+Phone1(7.5W)              |
|  | Mode 18 | Wireless Earbuds(5W)+Phone1(10W)               |
|  | Mode 19 | Wireless Earbuds(5W)+Phone1(15W)               |
|  | Mode 20 | Wireless Earbuds(5W)+Phone2(5W)                |
|  | Mode 21 | Wireless Earbuds(5W)+Phone2(7.5W)              |
|  | Mode 22 | Wireless Earbuds(5W)+Phone2(10W)               |

|  |         |                                  |
|--|---------|----------------------------------|
|  | Mode 23 | Wireless Earbuds(5W)+Phone2(15W) |
|  | Mode 24 | Phone1 ( 5W ) +Phone2(5W)        |
|  | Mode 25 | Phone1 ( 7.5W ) +Phone2(7.5W)    |
|  | Mode 26 | Phone1 ( 10W ) +Phone2(10W)      |
|  | Mode 27 | Phone1 ( 15W ) +Phone2(15W)      |

### Placement Mode 1 Photo



## 10 Necessary accessories

|   | Equipment        | Mfr/Brand     | Model/Type No.    | Serial No. | Note                                |
|---|------------------|---------------|-------------------|------------|-------------------------------------|
| 1 | Phone1           | Apple         | iPhone 14 pro max | N/A        | This is for testing only in report. |
| 2 | Phone2           | Apple         | iPhone 13 pro max | N/A        | This is for testing only in report. |
| 3 | Wireless Earbuds | Apple AirPods | AirPods 2         | N/A        | This is for testing only in report. |

## 11 Test Result

Placement Mode 15(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 |
|---------------|----------------------|-----------------|-----------------|-----------------|-----------------|--------------|--------|
| 1%            | 0.115-0.205          | 1.43            | 1.48            | 0.60            | 0.49            | 614          | PASS   |
| 50%           | 0.115-0.205          | 1.52            | 1.47            | 0.49            | 0.63            | 614          | PASS   |
| 95%           | 0.115-0.205          | 1.28            | 1.52            | 0.46            | 0.61            | 614          | PASS   |
| Stand-by      | 0.115-0.205          | 1.48            | 1.42            | 0.64            | 0.66            | 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 |
|---------------|----------------------|-----------------|--------------|--------|
| 1%            | 0.115-0.205          | 1.27            | 614          | PASS   |
| 50%           | 0.115-0.205          | 1.30            | 614          | PASS   |
| 95%           | 0.115-0.205          | 1.37            | 614          | PASS   |
| Stand-by      | 0.115-0.205          | 1.50            | 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 |
|---------------|----------------------|-----------------|-----------------|-----------------|-----------------|--------------|--------|
| 1%            | 0.115-0.205          | 0.66            | 0.67            | 0.66            | 0.64            | 1.63         | PASS   |
| 50%           | 0.115-0.205          | 0.61            | 0.59            | 0.60            | 0.68            | 1.63         | PASS   |
| 95%           | 0.115-0.205          | 0.66            | 0.59            | 0.61            | 0.64            | 1.63         | PASS   |
| Stand-by      | 0.115-0.205          | 0.66            | 0.60            | 0.64            | 0.66            | 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 |
|---------------|----------------------|-----------------|--------------|--------|
| 1%            | 0.115-0.205          | 0.57            | 1.63         | PASS   |
| 50%           | 0.115-0.205          | 0.50            | 1.63         | PASS   |
| 95%           | 0.115-0.205          | 0.51            | 1.63         | PASS   |
| Stand-by      | 0.115-0.205          | 0.66            | 1.63         | PASS   |

Placement Mode 12(Worst)

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

| Battery power | Frequency Range(KHz) | Test Position A | Test Position B | Test Position C | Test Position D | Limits (V/m) | Result |
|---------------|----------------------|-----------------|-----------------|-----------------|-----------------|--------------|--------|
| 1%            | 360                  | 1.39            | 1.21            | 0.42            | 0.51            | 614          | PASS   |
| 50%           | 360                  | 1.28            | 1.35            | 0.35            | 0.52            | 614          | PASS   |
| 95%           | 360                  | 1.35            | 1.42            | 0.41            | 0.59            | 614          | PASS   |

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

| Battery power | Frequency Range(KHz) | Test Position E | Limits (V/m) | Result |
|---------------|----------------------|-----------------|--------------|--------|
| 1%            | 360                  | 1.15            | 614          | PASS   |
| 50%           | 360                  | 1.19            | 614          | PASS   |
| 95%           | 360                  | 1.21            | 614          | PASS   |

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

| Battery power | Frequency Range(KHz) | Test Position A | Test Position B | Test Position C | Test Position D | Limits (A/m) | Result |
|---------------|----------------------|-----------------|-----------------|-----------------|-----------------|--------------|--------|
| 1%            | 360                  | 0.55            | 0.54            | 0.52            | 0.57            | 1.63         | PASS   |
| 50%           | 360                  | 0.52            | 0.53            | 0.58            | 0.48            | 1.63         | PASS   |
| 95%           | 360                  | 0.58            | 0.50            | 0.51            | 0.55            | 1.63         | PASS   |

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

| Battery power | Frequency Range(KHz) | Test Position E | Limits (A/m) | Result |
|---------------|----------------------|-----------------|--------------|--------|
| 1%            | 360                  | 0.52            | 1.63         | PASS   |
| 50%           | 360                  | 0.51            | 1.63         | PASS   |
| 95%           | 360                  | 0.49            | 1.63         | PASS   |

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