



## SHENZHEN HUAXIA TESTING TECHNOLOGY CO., LTD

102A, 102B, Building 2, Shanghenglang New Industrial Zone, Shanghenglang Community, Dalang Street, Longhua District, Shenzhen, Guangdong, People's Republic of China, 518000

Telephone: +86-755-26648640  
Fax: +86-755-26648637  
Website: [www.cqa-cert.com](http://www.cqa-cert.com)

Report Template Version: V06  
Report Template Revision Date: 2026-01-30

# RF Exposure Evaluation Report

**Report No.:** CQASZ20260100206E-07  
**Applicant:** iCarzone Inc.  
**Address of Applicant:** 5101 Santa Monica Blvd Ste 8 Los Angeles, CA 90029 United States  
**Equipment Under Test (EUT):**  
**Product:** PROFESSIONAL MULTI-SYSTEM CAR DIAGNOSTIC TOOL  
**Model No.:** JU2000 Max  
**Test Model No.:** JU2000 Max  
**Brand Name:**   
**FCC ID:** 2BMNZ-JU2000MAX  
**Standards:** 47 CFR Part 1.1307 47 CFR Part 1.1310  
KDB 680106 D01 RF Exposure Wireless Charging Base App v04r01  
**Date of Receipt:** 2026-02-03  
**Date of Test:** 2026-02-03 to 2026-02-10  
**Date of Issue:** 2026-4-27  
**Test Result :** **PASS\***

\*In the configuration tested, the EUT complied with the standards specified above

**Tested By:** Lewis Zhou  
( Lewis Zhou )

**Reviewed By:** Timo Lei  
( Timo Lei )

**Approved By:** Jack Ai  
( Jack Ai )



## 1 Version

### Revision History Of Report

| Report No.           | Version | Description    | Issue Date |
|----------------------|---------|----------------|------------|
| CQASZ20260100206E-07 | Rev.01  | Initial report | 2026-4-27  |

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### 3 General Information

#### 3.1 Client Information

|                          |                                                                                     |
|--------------------------|-------------------------------------------------------------------------------------|
| Applicant:               | iCarzone Inc.                                                                       |
| Address of Applicant:    | 5101 Santa Monica Blvd Ste 8 Los Angeles, CA 90029 United States                    |
| Manufacturer:            | iCarzone Inc.                                                                       |
| Address of Manufacturer: | 5101 Santa Monica Blvd Ste 8 Los Angeles, CA 90029 United States                    |
| Factory :                | Dongguan Yongdong Electronic Technology Co., Ltd.                                   |
| Address of Factory :     | No. 10, 4th Street, Zhangyang Fuzhu Industrial Zone, Zhangmutou town, Dongguan City |

#### 3.2 General Description of EUT

|                   |                                                                                                                                                         |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name:     | PROFESSIONAL MULTI-SYSTEM CAR DIAGNOSTIC TOOL                                                                                                           |
| Model No.:        | JU2000 Max                                                                                                                                              |
| Test Model No.:   | JU2000 Max                                                                                                                                              |
| Brand Name:       |                                                                      |
| Software Version: | F219 :V1.35                                                                                                                                             |
| Hardware Version: | System Version:V1.34                                                                                                                                    |
| EUT Power Supply: | Li-ion battery DC 3.8V 10000mAh, Charge by DC 5V for adapter<br>Adapter:<br>Model No:FX18U-050330K<br>Input:100-240V~50/60Hz 0.5A<br>Output:5.0V---3.0A |

#### 3.3 Product Specification subjective to this standard

|                            |                   |
|----------------------------|-------------------|
| Equipment Category:        | Non-ISM frequency |
| Operation Frequency range: | 125kHz            |
| Modulation Type:           | ASK               |
| Antenna Type:              | coil antenna      |
| Antenna Gain:              | 0dBi              |

Note:

1. In section 15.31(m), regards to the operating frequency range less 1 MHz.

### 3.4 Test Environment

| Operating Environment:                                                                                                                             |                                                 |
|----------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|
| Temperature:                                                                                                                                       | 25.5 °C                                         |
| Humidity:                                                                                                                                          | 53 % RH                                         |
| Atmospheric Pressure:                                                                                                                              | 99.5 Kpa                                        |
| Test Mode:                                                                                                                                         |                                                 |
| Mode a:                                                                                                                                            | Keep the EUT transmitting data to other devices |
| Note: The above test modes all include full load,empty load,and half load, The worst-case state reflected in this report is the fully loaded state |                                                 |

### 3.5 Description of Support Units

The EUT has been tested with associated equipment below.

#### 1) Support equipment

| Description                     | Manufacturer | Model No. | Certification | Supplied by |
|---------------------------------|--------------|-----------|---------------|-------------|
| Adapter                         | /            | /         | /             | CQA         |
| Tire pressure monitoring system | /            | /         | /             | CQA         |

#### 2) Cable

| Cable No. | Description | Manufacturer | Cable Type/Length | Supplied by |
|-----------|-------------|--------------|-------------------|-------------|
| /         | /           | /            | /                 | /           |

### 3.6 Test Location

SHENZHEN HUAXIA TESTING TECHNOLOGY CO., LTD  
102A, 102B, Building 2, Shanghenglang New Industrial Zone, Shanghenglang Community,  
Dalang Street, Longhua District, Shenzhen, Guangdong, People's Republic of China, 518000

### 3.7 Test Facility

- **A2LA (Certificate No. 4742.01)**  
SHENZHEN HUAXIA TESTING TECHNOLOGY CO., LTD, Shenzhen EMC Laboratory is accredited by the  
American Association for Laboratory Accreditation(A2LA). Certificate No. 4742.01.
- **FCC Registration No.: 522263**  
SHENZHEN HUAXIA TESTING TECHNOLOGY CO., LTD, Shenzhen EMC Laboratory has been registered and fully described in a report filed with the (FCC) Federal Communications Commission. The acceptance letter from the FCC is maintained in our files. Registration No.:522263

### 3.8 Equipment List

| Test Equipment                               | Manufacturer                    | Model No.      | Instrument No. | Calibration Date | Calibration Due Date |
|----------------------------------------------|---------------------------------|----------------|----------------|------------------|----------------------|
| Magnetic Amplitude and Gradient Probe System | Schmid & Partner Engineering AG | MAGPy-8H3D+E3D | 3096           | 2026/3/12        | 2027/3/11            |
| Magnetic Amplitude and Gradient Probe System | Schmid & Partner Engineering AG | MAGPy-DAS      | 3093           | 2026/3/12        | 2027/3/11            |

### 3.9 Test Software

| Software name | Manufacturer                       | Model      | Version |
|---------------|------------------------------------|------------|---------|
| MAGPy V2.0    | Schmid & Partner<br>Engineering AG | MAGPy V2.0 | V2.0    |

## 4 RF Exposure Evaluation

### 4.1 RF Exposure Compliance Requirement

#### 4.1.1 Limits

According to FCC Part1.1310: 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 part1.1307(b)

TABLE 1—LIMITS FOR MAXIMUM PERMISSIBLE EXPOSURE (MPE)

| Frequency range (MHz)                                          | Electric field strength (V/m) | Magnetic field strength (A/m) | Power density (mW/cm <sup>2</sup> ) | Averaging time (minutes) |
|----------------------------------------------------------------|-------------------------------|-------------------------------|-------------------------------------|--------------------------|
| <b>(A) Limits for Occupational/Controlled Exposures</b>        |                               |                               |                                     |                          |
| 0.3–3.0 .....                                                  | 614                           | 1.63                          | *(100)                              | 6                        |
| 3.0–30 .....                                                   | 1842/f                        | 4.89/f                        | *(900/f <sup>2</sup> )              | 6                        |
| 30–300 .....                                                   | 61.4                          | 0.163                         | 1.0                                 | 6                        |
| 300–1500 .....                                                 | .....                         | .....                         | f/300                               | 6                        |
| 1500–100,000 .....                                             | .....                         | .....                         | 5                                   | 6                        |
| <b>(B) Limits for General Population/Uncontrolled Exposure</b> |                               |                               |                                     |                          |
| 0.3–1.34 .....                                                 | 614                           | 1.63                          | *(100)                              | 30                       |
| 1.34–30 .....                                                  | 824/f                         | 2.19/f                        | *(180/f <sup>2</sup> )              | 30                       |
| 30–300 .....                                                   | 27.5                          | 0.073                         | 0.2                                 | 30                       |
| 300–1500 .....                                                 | .....                         | .....                         | f/1500                              | 30                       |
| 1500–100,000 .....                                             | .....                         | .....                         | 1.0                                 | 30                       |

Note 1: f = frequency in MHz ; \*Plane-wave equivalent power density

Note 2: For the applicable limit, see FCC 1.1310, 680106 D01 RF Exposure Wireless Charging Apps v04

Note 3: Emissions between 100 kHz to 300 kHz should be assessed versus the limits at 300 kHz in Table 1 of Section 1.1310: 614 V/m and 1.63 A/m. A KDB inquiry is required to determine the applicable exposure limits below 100 kHz.

Note 4: The aggregate H-field strengths 20 cm above the top surface from all simultaneous transmitting coils are demonstrated to be less than 50% of the MPE limit .

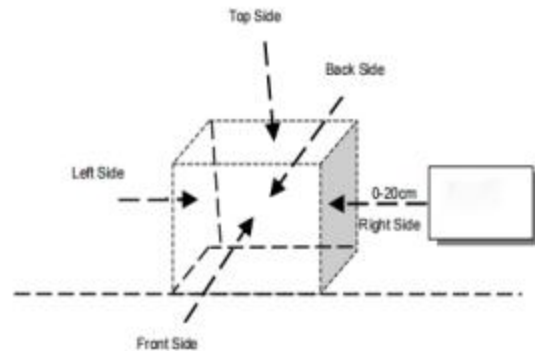
#### 4.1.2 Test Procedure

- The RF exposure test was performed in anechoic chamber.
- Perform H-field measurements for each edge/top surface of the host/client pair at every 2 cm, starting from as close as possible out to 20 cm.
- The highest emission level was recorded and compared with limit.
- The EUT was measured according to the dictates of TCB Workshop "41-Part-18-&-Wireless-Power-Transfer - April 27,2022"

Equipment Approval Considerations item 5 b) of KDB 680106 D01 Wireless Power Transfer v04

| Requirement                                                                                                                                                                                                                                                                                            | Device                                                                                                                                                                                      |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.Power transfer frequency is less than 1 MHz                                                                                                                                                                                                                                                          | Yes. The operating frequencies are.Operating Frequency: 125KHz                                                                                                                              |
| 2. Output power from each primary coil is less than or equal to 15 watts.                                                                                                                                                                                                                              | Yes. The maximum output power is:Wireless Output: 1W(Max)                                                                                                                                   |
| 3. The system may consist of more than one source primary coils, charging one or more clients. If more than one primary coil is present,the coil pairs may be powered on at the sametime.                                                                                                              | Yes. EUT has a source primary coil                                                                                                                                                          |
| 4. Client device is placed directly in contact with the transmitter.                                                                                                                                                                                                                                   | Yes. The client device is placed directly in contact with the transmitter.                                                                                                                  |
| 5.Mobile exposure conditions only (portable exposure conditions are not covered by this exclusion)                                                                                                                                                                                                     | No, EUT is a portable device                                                                                                                                                                |
| 6. The aggregate H-field strengths anywhere at or beyond 20 cm surrounding the device, and 20cm away from the surface from all coils that by design can simultaneously transmit, and while those coils are simultaneously energized, are demonstrated to be less than 50% of the applicable MPE limit. | Yes, The H-field measurements for each edge/top surface of the host/client pair at every 2cm, starting from as close as possible out to 20cm were also evaluated for portable usecondition. |

#### 4.1.3 Test Setup



Note: Perform H-field measurements for each edge/top surface of the host/client pair at every 2 cm, starting from as close as possible out to 20 cm

#### 4.1.4 Test Results

For portable exposure condition:

Operating modes with client device (1 %, 50%, 99% battery status of client device) have been test, only show the data of worst case of 1% battery status of client device.

H-field measurements taken every 2 cm (starting as close to 20 cm as possible) on each edge/top surface of the host/client pair were also evaluated for portable use conditions. The report reflects data for the worst 0 cm test distance mode only.

Test condition 1: Mode d operating mode with client device (99% battery status of client device) -test distance: 0cm

Test condition 2: Mode h operating mode with client device (99% battery status of client device) -test distance: 0cm

Test Mode: Mode a

H-field strength test result:d

test distance: 0cm

Measurement results directly tested using MAGPy.

| Maximum permissible Exposure |            |                   |               |              |
|------------------------------|------------|-------------------|---------------|--------------|
| Battery levels               | Test sides | Test distance(cm) | E -field(V/m) | H-field(A/m) |
| <99%                         | Top        | 0                 | 21.1          | 0.12         |
| <99%                         | Left       | 0                 | 10.6          | 0.15         |
| <99%                         | Right      | 0                 | 12.5          | 0.11         |
| <99%                         | Front      | 0                 | 41.1          | 0.13         |
| <99%                         | Back       | 0                 | 39.2          | 0.11         |
| <99%                         | Bottom     | 0                 | 55.4          | 0.12         |
| Limit                        |            |                   | 307           | 0.815        |
| test result                  |            |                   | PASS          | PASS         |

When setting MAGPy to select compliance location as probe tip, the measured value is extrapolated to 0mm as the result.

| Maximum permissible Exposure |            |                   |               |              |
|------------------------------|------------|-------------------|---------------|--------------|
| Battery levels               | Test sides | Test distance(cm) | E -field(V/m) | H-field(A/m) |
| <99%                         | Top        | 0                 | 23.1          | 0.14         |
| <99%                         | Left       | 0                 | 16.2          | 0.16         |
| <99%                         | Right      | 0                 | 15.2          | 0.15         |
| <99%                         | Front      | 0                 | 50.2          | 0.14         |
| <99%                         | Back       | 0                 | 48.3          | 0.14         |
| <99%                         | Bottom     | 0                 | 54.1          | 0.13         |
| Limit                        |            |                   | 307           | 0.815        |
| test result                  |            |                   | PASS          | PASS         |

Simultaneous transmission:

2.4GWIFI(ANT0)+2.4G WIFI(ANT1)+125KHz:

=0.697/1.6+0.56/1.6+0.16/0.815

=0.98≤1

## APPENDIX A: PHOTOGRAPHS OF TEST SETUP



\*\*\* END OF REROPT \*\*\*