

# FCC RF EXPOSURE REPORT

**FCC ID: 2AQSK-MR01**

Test Report No.....: RF260723011-01-002

Product(s) Name.....: 4G Dashcam

Model(s).....: MR01

Trade Mark.....: BSJ

Applicant.....: HuiZhou BoShiJie Technology CO.,Ltd

Address.....: No.1, Huifeng West three road, Zhongkai Hi-tech Zone, Huizhou City,  
China

Receipt Date.....: 2026.07.24

Test Date.....: 2026.07.27 ~ 2026.08.06

Issued Date.....: 2026.08.07

Standards.....: FCC Guidelines for Human Exposure IEEE C95.1  
FCC Title 47 Part 2.1091  
KDB 447498 D01 General RF Exposure Guidance v06

Testing Laboratory.....: Shenzhen Haiyun Standard Technical Co., Ltd.

| Prepared By: | Checked By: | Approved By: |  |
|--------------|-------------|--------------|---------------------------------------------------------------------------------------|
| Lemon He     | Black Ding  | Tim Zhang    |                                                                                       |
| Lemon He     | Black Ding  | Tim Zhang    |                                                                                       |

## History of this test report

Original Report Issue Date: 2026.08.07

- ☒ No additional attachment
- ☐ Additional attachments were issued following record

| Attachment No. | Issue Date | Description |
|----------------|------------|-------------|
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# 1. MPE CALCULATION METHOD

## Radio Frequency Exposure Limit

| Frequency range (MHz) | Electric field strength (V/m) | Magnetic field strength (A/m) | Power density (mW/cm²) |
|-----------------------|-------------------------------|-------------------------------|------------------------|
| 300-1,500             | --                            | --                            | f/1500                 |
| 1,500-100,000         | --                            | --                            | 1.0                    |

## Calculation Method of RF Safety Distance:

$$S = \frac{PG}{4\pi^2} = \frac{EIRP}{4\pi^2}$$

where:

S = power density

P = power input to the antenna

G = power gain of the antenna in the direction of interest relative to an isotropic radiator

R = distance to the center of radiation of the antenna

## Table for Fied Antenna

For LTE

| Operating Mode | Antenna gain | Antenna Type |
|----------------|--------------|--------------|
| LTE Band 2     | 0.62dBi      | FPC Antenna  |
| LTE Band 4     | 0.68dBi      | FPC Antenna  |
| LTE Band 5     | -1.19dBi     | FPC Antenna  |
| LTE Band 7     | 0.75dBi      | FPC Antenna  |
| LTE Band 38    | 0.75dBi      | FPC Antenna  |
| LTE Band 41    | 0.75dBi      | FPC Antenna  |
| LTE Band 66    | 0.68dBi      | FPC Antenna  |

## 2. TEST RESULTS

Worst case as below

| Operating Mode | Freq.     | Turn_up power | Directional Antenna Gain | Calculated maximum EIRP |        | MPE Limit             | MPE Value |
|----------------|-----------|---------------|--------------------------|-------------------------|--------|-----------------------|-----------|
|                | (MHz)     | (dBm)         | (dBi)                    | (dBm)                   | (mW)   | (mW/cm <sup>2</sup> ) |           |
| LTE Band 2     | 1850-1910 | 24            | 0.62                     | 24.62                   | 289.73 | 1                     | 0.058     |
| LTE Band 4     | 1710-1755 | 24            | 0.68                     | 24.68                   | 293.76 | 1                     | 0.058     |
| LTE Band 5     | 824-849   | 24            | -1.19                    | 22.81                   | 190.99 | 0.549                 | 0.038     |
| LTE Band 7     | 2500-2570 | 24            | 0.75                     | 24.75                   | 298.54 | 1                     | 0.059     |
| LTE Band 38    | 2570-2620 | 24            | 0.75                     | 24.75                   | 298.54 | 1                     | 0.059     |
| LTE Band 41    | 2496-2690 | 24            | 0.75                     | 24.75                   | 298.54 | 1                     | 0.059     |
| LTE Band 66    | 1710-1780 | 24            | 0.68                     | 24.68                   | 293.76 | 1                     | 0.058     |

Note: 1. The calculated distance is 20 cm.

Result: Complies

## Statement

1. The report is invalid without the official seal or special seal of Shenzhen Haiyun Standard Technical Co., Ltd. (hereinafter referred to as the unit).
2. The report is invalid without the signature of the approver.
3. The report is invalid if altered arbitrarily.
4. The report shall not be partially copied without the written approval of the unit.
5. The reported test results are only valid for the tested samples.
6. If there is any objection to the test report, it shall be submitted to the test unit within 15 days from the date of receiving the report, and the overdue shall not be accepted.

## Shenzhen Haiyun Standard Technical Co., Ltd.

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(END OF REPORT)