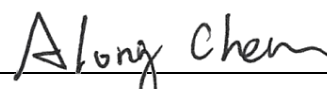


# FCC RF Exposure Report

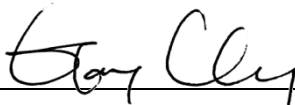
**FCC ID** : SQG-60SIPT  
**Equipment** : 802.11 ac/a/b/g/n + Bluetooth 4.2 module  
(please refer to item 1.1.1 for more details)  
**Model No.** : ST60-SIPT  
(please refer to item 1.1.1 for more details)  
**Brand Name** : Ezurio  
**Applicant** : Ezurio LLC  
**Address** : W66N220 Commerce Court, Cedarburg, WI  
53012 United States Of America  
**Standard** : 47 CFR FCC Part 2.1093  
**Received Date** : Jun. 23, 2026  
**Tested Date** : Jul. 01 ~ Jul. 16, 2026

We, International Certification Corporation, would like to declare that the tested sample has been evaluated and in compliance with the requirement of the above standards. The test results contained in this report refer exclusively to the product. It shall not be reproduced except in full without the written approval of our laboratory.

Reviewed by:

  
Along Chen / Manager

Approved by:

  
Gary Chang / Manager

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## Release Record

| Report No. | Version | Description   | Issued Date   |
|------------|---------|---------------|---------------|
| FA662301   | Rev. 01 | Initial issue | Sep. 08, 2026 |

# 1 Information

This report is issued as a supplementary report to original report no. FA740701. The difference is concerned with following items:

- ✧ PMIC re-design and RF switch change

Therefore, related test items had been performed and presented in the following sections.

## 1.1.1 Product Details

The following models are provided to this EUT. **(New additions are marked in boldface)**

| Brand Name                                                                                                                                                    | Model Name   | Product Name                                                             | Description                            |                                                                     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|--------------------------------------------------------------------------|----------------------------------------|---------------------------------------------------------------------|
| Ezurio                                                                                                                                                        | ST60-SIPT    | 802.11 ac/a/b/g/n + Bluetooth 4.2 module                                 | SIPT only                              | The difference is outer appearance / ST & SU: For marketing purpose |
|                                                                                                                                                               | SU60-SIPT    |                                                                          |                                        |                                                                     |
|                                                                                                                                                               | ST60-2230C   | 802.11 ac/a/b/g/n M.2 2230 + Bluetooth 4.2 module                        | with SDIO interface carrier board      |                                                                     |
|                                                                                                                                                               | SU60-2230C   |                                                                          |                                        |                                                                     |
|                                                                                                                                                               | ST60-2230C-P | 802.11 ac/a/b/g/n M.2 2230 + Bluetooth 4.2 module<br>PCIe/UART interface | with PCIe/UART interface carrier board |                                                                     |
|                                                                                                                                                               | SU60-2230C-P |                                                                          |                                        |                                                                     |
| ★ The above models, Model ST60-2230C and ST60-2230C-P, were selected as representatives for the final test, and only their data were recorded in this report. |              |                                                                          |                                        |                                                                     |

## 2 RF Exposure Test Exemptions

### 2.1 1-mW TEST EXEMPTION

Available maximum time-averaged power is no more than 1 mW.

### 2.2 SAR-BASED EXEMPTION

This exemption is applicable to the frequency range between 300 MHz and 6 GHz, with test separation distances between 0.5 cm and 40 cm, and for all RF sources in fixed, mobile, and portable device exposure conditions.

The maximum time-averaged power or effective radiated power (ERP), whichever is greater,  $\leq P_{th}$

$$P_{th} \text{ (mW)} = ERP_{20cm}(d/20)^x \quad d \leq 20cm$$

$$P_{th} \text{ (mW)} = ERP_{20cm} \quad 20 \text{ cm} < d \leq 40cm$$

Where  $x = -\log_{10}\left(\frac{60}{ERP_{20cm}\sqrt{f}}\right)$

$$P_{th} \text{ (mW)} = ERP_{20cm} \text{ (mW)} = 2040f \quad 0.3GHz \leq f < 1.5 GHz$$

$$P_{th} \text{ (mW)} = ERP_{20cm} \text{ (mW)} = 3060 \quad 1.5GHz \leq f < 6 GHz$$

Power Thresholds (mW)

| Frequency<br>(MHz) | Distance (mm) |    |    |     |     |     |     |     |     |     |
|--------------------|---------------|----|----|-----|-----|-----|-----|-----|-----|-----|
|                    | 5             | 10 | 15 | 20  | 25  | 30  | 35  | 40  | 45  | 50  |
| 300                | 39            | 65 | 88 | 110 | 129 | 148 | 166 | 184 | 201 | 217 |
| 450                | 22            | 44 | 67 | 89  | 112 | 135 | 158 | 180 | 203 | 226 |
| 835                | 9             | 25 | 44 | 66  | 90  | 116 | 145 | 175 | 207 | 240 |
| 1900               | 3             | 12 | 26 | 44  | 66  | 92  | 122 | 157 | 195 | 236 |
| 2450               | 3             | 10 | 22 | 38  | 59  | 83  | 111 | 143 | 179 | 219 |
| 3600               | 2             | 8  | 18 | 32  | 49  | 71  | 96  | 125 | 158 | 195 |
| 5800               | 1             | 6  | 14 | 25  | 40  | 58  | 80  | 106 | 136 | 169 |

### 2.3 MPE-BASED EXEMPTION

For a much wider frequency range, from 300 kHz to 100 GHz, applicable for separation distances greater or equal to  $\lambda/2\pi$ , where  $\lambda$  is the free-space operating wavelength in meters.

| Radio Source Frequency |   |           | Minimum Distance   |   |                    | Threshold ERP  |
|------------------------|---|-----------|--------------------|---|--------------------|----------------|
| $F_L$ MHz              |   | $F_H$ MHz | $\lambda_L / 2\pi$ |   | $\lambda_H / 2\pi$ | W              |
| 0.3                    | - | 1.34      | 159 m              | - | 35.6 m             | $1920 R^2$     |
| 1.34                   | - | 30        | 35.6 m             | - | 1.6 m              | $3450 R^2/f^2$ |
| 30                     | - | 300       | 1.6 m              | - | 159 mm             | $3.83 R^2$     |
| 300                    | - | 1500      | 159 mm             | - | 31.8 mm            | $0.0128 R^2f$  |
| 1500                   | - | 100000    | 31.8 mm            | - | 0.5 mm             | $19.2 R^2$     |

Note: R is the antenna-person separation distance.

## 2.4 REFERENCE GUIDANCE

FCC KDB 447498 D04 Interim General RF Exposure Guidance v01

## 2.5 DEVIATION FROM TEST STANDARD AND MEASUREMENT PROCEDURE

None

## 2.6 MEASUREMENT UNCERTAINTY

The measurement uncertainties given below are based on a 95% confidence level (based on a coverage factor ( $k=2$ )).

| Parameters      | Uncertainty    |
|-----------------|----------------|
| Conducted power | $\pm 0.808$ dB |

### Declaration of Conformity:

The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.

### Comments and Explanations:

The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

## 2.7 EXEMPTION CALCULATION

| Frequency Range (MHz) | Maximum Average Power (dBm) | Rated Power (dBm) | Antenna Gain (dBi) | EIRP (dBm) | ERP (dBm) | ERP (mW) | Minimum* Separation Distance (mm) |
|-----------------------|-----------------------------|-------------------|--------------------|------------|-----------|----------|-----------------------------------|
| WLAN                  |                             |                   |                    |            |           |          |                                   |
| 2412-2462             | 21.30                       | 21.5              | 2.79               | 24.29      | 22.14     | 163.68   | 37                                |
| 5180-5240             | 21.46                       | 21.5              | 3.9                | 25.4       | 23.25     | 211.35   | 47                                |
| 5260-5320             | 18.59                       | 19                | 3.9                | 22.9       | 20.75     | 118.85   | 47                                |
| 5500-5720             | 20.69                       | 21                | 4                  | 25         | 22.85     | 192.75   | 47                                |
| 5745-5825             | 21.08                       | 21.5              | 4                  | 25.5       | 23.35     | 216.27   | 48                                |
| BT                    |                             |                   |                    |            |           |          |                                   |
| 2402-2480             | 10.63                       | 11                | 2.79               | 13.79      | 11.64     | 14.59    | 8                                 |

Note: Minimum Separation Distance =  $20 * \left( \frac{P_{th}}{ERP_{20cm}} \right)^{1/x}$

SAR evaluation is not required if separation distance is  $\geq$  above minimum separation distance

### 3 Test laboratory information

Established in 2012, ICC provides foremost EMC & RF Testing and advisory consultation services by our skilled engineers and technicians. Our services employ a wide variety of advanced edge test equipment and one of the widest certification extents in the business.

International Certification Corporation (EMC and Wireless Communication Laboratory), it is our definitive objective is to institute long term, trust-based associations with our clients. The expectation we set up with our clients is based on outstanding service, practical expertise and devotion to a certified value structure. Our passion is to grant our clients with best EMC / RF services by oriented knowledgeable and accommodating staff.

Our Test sites are located at Linkou District and Kwei Shan District. Location map can be found on our website <https://www.icertifi.com.tw>.

#### **Linkou**

Tel: 886-2-2601-1640

No.30-2, Ding Fwu Tsuen, Lin Kou  
District, New Taipei City, Taiwan  
(R.O.C.)

#### **Kwei Shan**

Tel: 886-3-271-8666

No.3-1, Lane 6, Wen San 3rd  
St., Kwei Shan Dist., Tao Yuan  
City 33381, Taiwan (R.O.C.)  
No.2-1, Lane 6, Wen San 3rd  
St., Kwei Shan Dist., Tao Yuan  
City 33381, Taiwan (R.O.C.)

#### **Kwei Shan Site II**

Tel: 886-3-271-8640

No.14-1, Lane 19, Wen San 3rd  
St., Kwei Shan Dist., Tao Yuan  
City 33381, Taiwan (R.O.C.)

#### **Zhonghe**

Tel: 886-2-2222-0288

1F, No. 6, Jiankang Road, Zhonghe  
District, New Taipei City 235045,  
Taiwan (R.O.C.)

If you have any suggestion, please feel free to contact us as below information.

Tel: 886-3-271-8666

Fax: 886-3-318-0345

Email: ICC\_Service@icertifi.com.tw

==END==