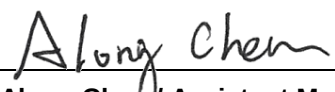


# FCC RF Exposure Report

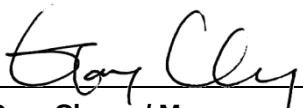
**FCC ID** : KQL-1110200  
**Equipment** : 915 MHz Wireless Module  
**Model No.** : LT1110-200  
**Brand Name** : Ezurio  
**Applicant** : Ezurio LLC  
**Address** : W66N220 Commerce Court, Cedarburg, WI  
53012, USA  
**Standard** : 47 CFR FCC Part 2.1093  
**Received Date** : May 14, 2025  
**Tested Date** : May 16 ~ May 22, 2025

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 / Assistant Manager

Approved by:

  
Gary Chang / Manager

## Table of Contents

|          |                                                                  |          |
|----------|------------------------------------------------------------------|----------|
| <b>1</b> | <b>EXPOSURE EVALUATION OF PORTABLE DEVICES .....</b>             | <b>4</b> |
| 1.1      | SAR TEST EXCLUSION THRESHOLD FOR 100MHz to 6GHz and > 50mm ..... | 4        |
| 1.2      | DEVIATION FROM TEST STANDARD AND MEASUREMENT PROCEDURE .....     | 4        |
| 1.3      | MEASUREMENT UNCERTAINTY .....                                    | 4        |
| 1.4      | EVALUATION RESULTS .....                                         | 5        |
| <b>2</b> | <b>TEST LABORATORY INFORMATION .....</b>                         | <b>6</b> |

---

## Release Record

| Report No. | Version | Description   | Issued Date   |
|------------|---------|---------------|---------------|
| FA551403   | Rev. 01 | Initial issue | Jun. 17, 2025 |

## 1 EXPOSURE EVALUATION OF PORTABLE DEVICES

### 1.1 SAR TEST EXCLUSION THRESHOLD FOR 100MHz to 6GHz and > 50mm

| Frequency (MHz) | 50  | 60  | 70  | 80  | 90  | Separation distance (mm)             |
|-----------------|-----|-----|-----|-----|-----|--------------------------------------|
| 900             | 158 | 218 | 278 | 338 | 398 | SAR Test Exclusion<br>Threshold (mW) |
| 1500            | 122 | 222 | 322 | 422 | 522 |                                      |
| 1900            | 109 | 209 | 309 | 409 | 509 |                                      |
| 2450            | 96  | 196 | 296 | 396 | 496 |                                      |
| 3600            | 79  | 179 | 279 | 379 | 479 |                                      |
| 5200            | 66  | 166 | 266 | 366 | 466 |                                      |
| 5400            | 65  | 165 | 265 | 365 | 465 |                                      |
| 5800            | 62  | 162 | 262 | 362 | 462 |                                      |

The 1-g and 10-g SAR test exclusion thresholds for 100 MHz to 6 GHz at test separation distances > 50 mm are determined by

For 100 MHz to 1500 MHz

$\{[\text{Power allowed at numeric threshold for 50 mm}]\} + \{(\text{test separation distance} - 50 \text{ mm}) \cdot (f(\text{MHz})/150)\}$ ,

For > 1500 MHz and ≤ 6 GHz

$\{[\text{Power allowed at numeric threshold for 50 mm}]\} + \{(\text{test separation distance} - 50 \text{ mm}) \cdot 10\}$  mW,

### 1.2 DEVIATION FROM TEST STANDARD AND MEASUREMENT PROCEDURE

None

### 1.3 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 | ±0.808 dB   |

|                                                                                                                                                                                                        |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Declaration of Conformity:</b>                                                                                                                                                                      |
| The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.                                           |
| <b>Comments and Explanations:</b>                                                                                                                                                                      |
| 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. |

## 1.4 EVALUATION RESULTS

| Frequency Range (MHz) | Maximum Average Power (dBm) | Tune up Power (dBm) | Antenna Gain (dBi) | EIRP (dBm) | EIRP (mW) | Minimum Separation Distance (mm) |
|-----------------------|-----------------------------|---------------------|--------------------|------------|-----------|----------------------------------|
| 902.37 ~ 927.62       | 23.00                       | 23.00               | 2.40               | 25.40      | 346.74    | 82                               |

Note: Follow below formula to calculate minimum separation distance

$$\{[\text{Power allowed at numeric threshold for 50 mm}] + [(\text{test separation distance} - 50 \text{ mm}) \cdot (f_{\text{(MHz)}}/150)]\}$$

SAR test is excluded when separation distance between antenna installed in host and human body  $\geq 82$  mm.

## 2 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 <http://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.)

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==