

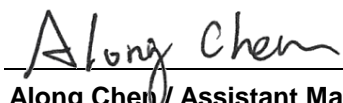
# ISED RF Exposure Report

**IC** : 3147A-BL54L15U  
**Equipment** : Bluetooth LE + 802.15.4 + NFC module  
**Model No.** : BL54L15μ  
**Brand Name** : Ezurio  
**Applicant** : Ezurio LLC  
**Address** : W66N220 Commerce Court, Cedarburg, WI  
53012, USA  
**Manufacturer** : Ezurio LLC  
**Address** : W66N220 Commerce Court, Cedarburg, WI  
53012 United States Of America  
**Standard** : RSS-102 Issue 6 December 15, 2023  
**Received Date** : Jan. 10, 2025  
**Tested Date** : Jan. 10 ~ Jan. 15, 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:

Approved by:



Along Chen / Assistant Manager



Gary Chang / Manager

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## Release Record

Report No.	Version	Description	Issued Date
CA511001-01	Rev. 01	Initial issue	Mar. 20, 2025

# 1 EVALUATION OF PORTABLE DEVICES

## 1.1 SAR TEST EXCLUSION THRESHOLD FOR PORTABLE DEVICES

Power limits for exemption from routine SAR evaluation based on the separation distance										
Frequency (MHz)	≤ 5mm (mW)	10mm (mW)	15mm (mW)	20mm (mW)	25mm (mW)	30mm (mW)	35mm (mW)	40mm (mW)	45mm (mW)	>50mm (mW)
≤ 300	45	116	139	163	189	216	246	280	319	362
450	32	71	87	104	124	147	175	208	248	296
835	21	32	41	54	72	96	129	172	228	298
1900	6	10	18	33	57	92	138	194	257	323
2450	3	7	16	32	56	89	128	170	209	245
3500	2	6	15	29	50	72	94	114	134	158
5800	1	5	13	23	32	41	54	74	102	128

## 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 Conducted Power (dBm)	Maximum Tune Up Limit		Antenna Gain (dBi)	EIRP		SAR Test Exclusion @15 mm (mW)
		(dBm)	(mW)		(dBm)	(mW)	
2402-2480 BLE	6.71	7.0	5.01	2.32	9.32	8.55	16
2405-2480 802.15.4	6.72	7.0	5.01	2.32	9.32	8.55	16

SAR test is not required when distance between antenna installed in host and human body  $\geq 15\text{mm}$

## 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

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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.

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