

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

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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 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

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

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

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.

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 ≥ 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

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

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