TEST REPORT

of

FCC MPE REQUIREMENT

Product :	**Infant Oximeter Box**
Brand Name:	**AULISA**
Model:	**GA-OB0004 Plus**
Model Difference:	**NA**
FCC ID：	**2AI5Q-OB0004PLUS**
Applicant:	**Taiwan Aulisa Medical Devices Technologies, Inc**
Address:	**6F-2, No. 3-1, YuanQu St., Nangang Dist., 115 Taipei City, Taiwan**

Test Performed by:

International Standards Laboratory Corp. LT Lab.
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Report No.: **ISL-25LR0117FMPE**
Issue Date : **August 25, 2025**

Testing Laboratory
0997

VERIFICATION OF COMPLIANCE

Applicant:	Taiwan Aulisa Medical Devices Technologies, Inc
Product Description:	Infant Oximeter Box
Brand Name:	AULISA
Model No.:	GA-OB0004 Plus
Model Difference:	N/A
FCC ID:	2AI5Q-OB0004PLUS
Date of test:	July 21, 2025 ~ August 25, 2025
Date of EUT Received:	July 21, 2025

We hereby certify that:

All the tests in this report have been performed and recorded in accordance with the standards described above and performed by an independent electromagnetic compatibility consultant, International Standards Laboratory Corp.

The test results contained in this report accurately represent the measurements of the characteristics and the energy generated by sample equipment under test at the time of the test. The sample equipment tested as described in this report is in compliance with the limits of above standards.

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Test By: Barry Lee
Barry Lee

Approved By:
Jerry Liu / Manager

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1. Description of Equipment under Test (EUT)

General Information		
Product Name:	Infant Oximeter Box	
Brand Name:	AULISA	
Model Name:	GA-OB0004 Plus	
Model Difference:	N/A	
Temperature Range	N/A	
Power Rating:	3.7VDC	
	Battery:	Model: IP602035P1; Supplier: RPC Corporation
	Adaptor:	Model: SINGOF-10U-050200 Supplier: FORTRON/SOURCE
Bluetooth Information		
Bluetooth Modular:	TI CC2642R1F	
Bluetooth Version:	V5.2	
Frequency Range:	2402– 2480MHz	
Max Output Power:	5.50dBm	
Channel number:	40channels	
Modulation type:	GFSK	
Product HW Version:	GA-OB0004Plus 2025/05/13 Rev: 1.0.0	
Product SW Version:	Android 3.1.6 /iOS 3.1.6	
Product FW Version:	V2.1.5	
Test SW Version:	SmartRF Studio 7 ver.2.17.0	
RFpower setting:	default	
Worst Case:	1M	

	Antenna Type	Brand	Model	Peak Gain	Frequency Range	Connector Type
1	Chip	TDK	ANT016008LCS2442MA2	2.5dBi	2400-2484MHz	------

2. Maximum Permissible Exposure (MPE)

2.1 Standard Applicable

For The radiation source included into the device the output power is taken from a corresponding RF test report. If needed the output power is converted to source based, time – average out power. Finally the output power is compared to FCC and IC low power SAR evaluation exemption level.

According to §2.1093 this is a Portable device.

FCC SAR test exclusion:

According to KDB 447498 D01 General RF Exposure Guidance v06, Appendix A requirement, "The equation and threshold in section 4.3.1 must be applied to determine SAR test exclusion."

4.3.1. Standalone SAR test exclusion considerations

Unless specifically required by the published RF exposure KDB procedures, standalone 1-g head or body and 10-g extremity SAR evaluation for general population exposure conditions, by measurement or numerical simulation, is not required when the corresponding SAR Test Exclusion Threshold condition, listed below, is satisfied. These test exclusion conditions are based on source-based time-averaged maximum conducted output power of the RF channel requiring evaluation, adjusted for tune-up tolerance, and the minimum test separation distance required for the exposure conditions.23 The minimum test separation distance is determined by the smallest distance from the antenna and radiating structures or outer surface of the device, according to the host form factor, exposure conditions and platform requirements, to any part of the body or extremity of a user or bystander (see 5) of section 4.1). To qualify for SAR test exclusion, the test separation distances applied must be fully explained and justified by the operating configurations and exposure conditions of the transmitter and applicable host platform requirements, typically in the SAR measurement or SAR analysis report, according to the required published RF exposure KDB procedures. When no other RF exposure testing or reporting is required, a statement of justification and compliance must be included in the equipment approval, in lieu of the SAR report, to qualify for the SAR test exclusion. When required, the device specific conditions described in the other published RF exposure KDB procedures must be satisfied before applying these SAR test exclusion provisions; for example, handheld PTT two-way radios, handsets, laptops & tablets etc.24

1) 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:

[(max. power of channel, including tune-up tolerance, mW)/(min. test separation distance, mm)] · [√f(GHz)] ≤ 3.0 for 1-g SAR and ≤ 7.5 for 10-g extremity SAR,25 where

• f(GHz) is the RF channel transmit frequency in GHz
• Power and distance are rounded to the nearest mW and mm before calculation26
• The result is rounded to one decimal place for comparison
• 3.0 and 7.5 are referred to as the numeric thresholds in the step 2 below

The test exclusions are applicable only when the minimum test separation distance is ≤ 50 mm and for transmission frequencies between 100 MHz and 6 GHz. When the minimum test separation distance is < 5 mm, a distance of 5 mm according to 5) in section 4.1 is applied to determine SAR test exclusion.

3. Evaluation Result:

Frequency (MHz)	Output Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	Tune-up Tolerance (dB)	Max Power (mW)	Min Distance (mm)	Result	Limit (3.0 @ 1g SAR)
2402	5.50	2.50	8.00	1	7.95	5.00	2.47	3.0

Max Power(mW) =10^((Max Power(dBm) + Tune-up tolerance(dB))/10)
Result = Max Power (mW) / min. distance(mm) * √f(GHz)

~ End ~