

# EU-TYPE EXAMINATION (MODULE B) CERTIFICATE

## Radio Equipment Directive (RED) 2014/53/EU

**PHOENIX TESTLAB**  
Notified Body Number **0700**



This is to certify that:

PHOENIX TESTLAB did undertake the relevant type examination procedures for the radio equipment identified below which was found to be in compliance with the essential requirements of Radio Equipment Directive (RED) 2014/53/EU subject to any conditions in the annex attached hereto.

Certificate No.	20-210706
Manufacturer	Tiinlab Acoustic Technology Limited
Address	Tianliao Building 1403, Zone A Tianliao Industrial Park, Taoyuan Str., Nanshan Dist., Shenzhen, P.R. China
Product Description	omthing AirFree True Wireless In-Ear Headphones; with Bluetooth
Brand Name / Model Name	omthing / EO002BT

### The radio equipment meets the following essential requirements

Article 3.1 a): Health and Safety	<b>Conform</b>
Article 3.1 b): Electromagnetic Compatibility	<b>Conform</b>
Article 3.2: Effective and Efficient Use of Radio Spectrum	<b>Conform</b>
Additional Essential Requirements:	<b>Not applicable</b>

Date of issue	<b>29-06-2020</b>	Expiry date:	<b>28-06-2025</b>
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This certificate remains valid unless cancelled or revoked, provided the conditions in the attached annex are complied with. The conditions for the validity of this certificate are listed in the Annex.

The attached Annex forms part of this certificate. This certificate consists of 3 pages.



Signed by Andy Yang  
Notified Body

## Annex

### Technical description

Frequency Range	2402 – 2480 MHz
Transmit Power	Left part: 8.53 dBm EIRP Right part: 8.62dBm EIRP
Hardware Version	V2
Software Version	V1.0.0.3

### System Components

Battery cell	ICR1054, 3.7V, 40mAh, (Guangzhou Great Power Energy &Technology Co., Ltd.)
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### Optional Components

Charging Case	EO002BT, Input: 5.0Vdc 1A, Output: 5.0Vdc 0.15A, (Tiinlab Acoustic Technology Limited)
USB Cable	Type C, 32cm

### Approval documentation

	Technical Documentation including omthing_EO002BT External / Internal Photos, User Manual, Label, Block Diagram, Circuit Diagram, Operational Description, PCB Layout, Parts Placement, Parts List
EU Declaration of Conformity	1 page, 22 June, 2020
Explanation of compliance Article 10(2) and Article 10(10)	The description in the user manual.
Further Documents	Risk Assessment, 2 pages, 22 June, 2020




### Applied Standards and Test Reports

Specification	Laboratory	Test Report Number / Version
EN 62368-1:2014+A11:2017	Shenzhen Morlab Communications Technology Co., Ltd.	SZ20040008A01
EN 50332-2:2013	Shenzhen Morlab Communications Technology Co., Ltd.	SZ20040008A02
EN 50663:2017	Shenzhen Morlab Communications Technology Co., Ltd.	SZ20040008S01
ETSI EN 301 489-1 V2.2.3 Draft ETSI EN 301 489-17 V3.2.2	Shenzhen Morlab Communications Technology Co., Ltd.	SZ20040008E01
ETSI EN 300 328 V2.2.2	Shenzhen Morlab Communications Technology Co., Ltd.	SZ20040008W01 SZ20040008W02

### Limitations / Restrictions

- Operating Temperature range 0 - 45 degree Celsius

### Notes

1. This certificate will not be valid if the manufacturer makes any changes or modifications to the approved equipment, which have not been notified to, and agreed with PHOENIX TESTLAB.
2. Should the specified regulations or standards be amended during the validity of this certificate, the product(s) is/are to be re-approved prior to it/them being placed on the market.
3. The manufacturer shall take all measures necessary so that the manufacturing process and its monitoring ensure conformity of the manufactured radio equipment with the approved type described in the EU-type examination certificate and with the requirements of Directive 2014/53/EU that apply to it.
4.  The manufacturer shall affix the CE marking to each item of radio equipment that is in conformity with the type described in the EU-type examination certificate and satisfies the applicable requirements of the Directive.
5. The manufacturer shall draw up a written EU declaration of conformity for each radio equipment type and keep it at the disposal of the national authorities for 10 years after the radio equipment has been placed on the market. The EU declaration of conformity shall identify the radio equipment type for which it has been drawn up. A copy of the EU declaration of conformity shall be made available to the relevant authorities upon request.

