

EU-Type Examination Certificate

1622 - RED - 210101

In compliance with Directive (EU) No 2014/53 of the European Parliament and of the Council of 16 April 2014 on the harmonisation of the laws of the Member States relating to the making available on the market of radio equipment (RED), this certificate applies to the product(s)

Product: Kaiterra Sensedge Mini Air Quality Monitor
Model: SE-200

Placed on the market under the name or trade mark of

Origins Technology Limited
18 Xinzhong St Dushiyangguang4-1106, Dongcheng, Beijing, China

This certificate attest that all provisions concerning the assessment and verification of performance described in the standard(s)

Art. 3.1a): EN 62368-1:2014+A11:2017
EN 62311:2020

Art. 3.1b): ETSI EN 301 489-1 V2.2.3
Final Draft ETSI EN 301 489-17 V3.2.3

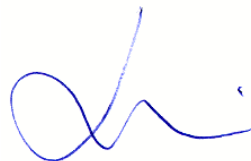
Art. 3.2): ETSI EN 300 328 V2.2.2

as per Annex III (Module B) for the performance set out in this certificate, are applied.

This certificate was first issued on **January 08, 2021**

This certificate consists of 3 pages
Certificate revision: 1.0

For NEMKO (Notified Body 1622)
Ottawa, Canada, on ___ Jan 8, 2021 ___
Authorized signatory:



Xu Jin, Senior Technical Assessor

This certificate has been granted by Nemko North America, Inc. 303 River Road, Ottawa, Ontario, K1V 1H2, Canada

This certificate remains valid, unless cancelled or revoked, provided the conditions indicated in the subsequent page(s) are complied with and the product remains satisfactory in service. This certificate will not be valid if the applicant makes any changes or modifications to the approved product, which have not been notified to, and agreed in writing with Nemko. Should the specified regulations or standards be amended, the products are to be re-approved prior to being placed on the market.

Any person not a party to the contract pursuant to which this document is delivered may not assert a claim against Nemko for any liability arising out of errors or omissions which may be contained in said document, or for errors of judgement, fault or negligence committed by personnel in the establishment or issuance of this document, and in connection with any activities for which it may provide

ANNEX 1 – PRODUCT SPECIFICATIONS

PRODUCT DESCRIPTION

Equipment type: 802.11b/g/n
Model/type: SE-200
Brand/trade name: Kaiterra
Supply voltage: 100-240 Vac for adapter
Rated power: -
Hardware version: 2.0
Software version: 1.0.11

TECHNICAL CHARACTERISTICS

Transmitter type: -
Intended purpose: Wideband data transmission
Frequency range: 2412 - 2472 MHz
Transmit power: 0.041 Watts
Modulation type: DSSS and OFDM
Maximum duty cycle: -
Number of channels: 13
Channel separation: 5 MHz
Antenna type: PCB Antenna
Maximum antenna gain: 0 dBi

MANUFACTURER

Name: Origins Technology Limited
Address: 18 Xinzhong St Dushiyanguang4-1106, Dongcheng, Beijing, China

ADDITIONAL INFORMATION

None.

ANNEX 2 - SCHEDULE OF APPROVAL

SCOPE OF EXAMINATION

- | | |
|--|---------|
| <input checked="" type="checkbox"/> Protection of Health and Safety, according to Article 3(1)(a).
Standards: EN 62368-1:2014+A11:2017
EN 62311:2020 | Conform |
| <input checked="" type="checkbox"/> Electromagnetic Compatibility (EMC), according to Article 3(1)(b).
Standards: ETSI EN 301 489-1 V2.2.3
Final Draft ETSI EN 301 489-17 V3.2.3 | Conform |
| <input checked="" type="checkbox"/> Radio Spectrum Use, according to Article 3(2).
Standards: ETSI EN 300 328 V2.2.2 | Conform |
| <input checked="" type="checkbox"/> Special Radio Features, according to Article 3(3)(a)-(f).
Standards: N/A | N/A |

MARKING OF PRODUCT

The Manufacturer and Type Designation shall be applied to the product in a visible location.
The equipment shall carry the CE marking of the European Union.

TYPE EXAMINATION DOCUMENTATION

Test report(s)

- EMC test report by Shenzhen Huatongwei International Inspection Co., Ltd.
Test Report Number: CHTEW20090149
- Radio test report by Shenzhen Huatongwei International Inspection Co., Ltd.
Test Report Number: CHTEW20090148
- Safety test report by Shenzhen Huatongwei International Inspection Co., Ltd.
Test Report Number: CHTSE20110184, CHTSE20080161
- Health test report by Shenzhen Huatongwei International Inspection Co., Ltd.
Test Report Number: CHTEW20090150

Additional documentation

- RED technical file by **Origins Technology Limited**

ADDITIONAL INFORMATION

None.

<< End of certificate >>