

CKC Certification Services, LLC

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TYPE EXAMINATION CERTIFICATE
2014/53/EU Radio Equipment

Certificate Issued to:

Certificate Holder: **Analog Devices, Inc.**
32990 Alvarado-Niles Road
Suite 910
Union City CA 94587
United States

Application ID: **105175-04A-EURED**
(Renewal of 98876-18C EURED)
(Original: 98876-16C EURED)

Product Identification:

Model Number(s): *Device Name(s):*
ETERNA1 LTP5900, 802.15.4 Wireless mesh Mote

Assessment Scope and Summary:

| <i>Essential Requirements:</i> | <i>Applied Standard(s)</i> | <i>Type of Standard(s)</i> | <i>Deviations</i> | <i>Assessment Result</i> |
|------------------------------------|----------------------------|----------------------------|-------------------|--------------------------|
| <i>Article 3.1(b), EMC</i> | EN 301 489-17 3.2.4 | Not Harmonized | None | Conforms |
| <i>Article 3.2, Radio Spectrum</i> | EN 300 328 2.2.2 | Harmonized | None | Conforms |

Conditions / Restrictions:

None

This certificate is issued in accordance with Annex III, Module B of Council Directive 2014/53/EU and the mutual recognition of their conformity, by CKC Certification Services, LLC., Notified Body 0976, who asserts the above determination regarding only the scope of assessment and the equipment as identified herein.

Acceptance Date: **July 12, 2021**
September 16, 2021 **Amendment to assessment comments**
Expiration Date: **July 12, 2023**


Steve Behm, Authorized Signatory

This certificate is issued based on the evidence presented in the supporting technical documentation provided at time of review and is only valid in conjunction with attached Annex(es). This certificate cannot usurp the Directive; in legal disputes the Directive, or its implementation in National legislation takes precedence.

ANNEX A

Equipment Specifications:

| <i>Frequency Range (MHz)</i> | <i>Carrier Output (dBm)</i> | <i>Emission Type(s)</i> | <i>Protocol Specifications</i> |
|------------------------------|-----------------------------|-------------------------|--------------------------------|
| 2402-2480 | 11.6 | 2M70G1DDT | IEEE-802.15.4 |

Assessment Comments:

Published standard applied regarding essential requirement RED Article 3.1(b) represents the current state of the art (RED Whereas #10) in the present lack of applicable Harmonized Standards. EMC test report on file is written to EN 301 489-17 v3.1.1 with deviations also meeting EN 301 489-17 v3.2.0. The previous assessment to EN 301 489-17 v3.2.0 as it applies to this product is technically equivalent to EN 301 489-17 v3.2.4 and therefore complies with essential requirements.

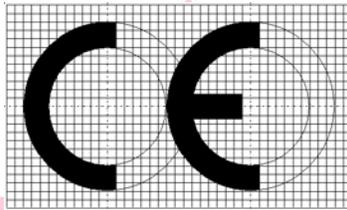
Product integration with or into other products may require additional assessment.

Based on the provided technical specifications and in accordance with Annex III of Council Directive 2014/53/EU on radio equipment, it is the opinion of CKC Certification Services, LLC., Notified Body 0976 that the above procedural deviations meet the essential requirements of the directive as applied using all required tests and the prescribed limits of the harmonized standard.

ANNEX B – Certificate Conditions

This certificate relates only to the assessment of conformity with the essential requirements of the Directive, not to acceptability of CE marking. It remains the responsibility of the manufacturer or their authorized representative to satisfy all requirements of this and other applicable Directives prior to placement of the CE mark¹.

Placement of the CE mark is addressed within Radio Equipment Directive Articles 19 and 20. The CKC CS Notified Body Number is not permitted to be placed with the CE mark. The CE mark must be constructed according to the following relative dimensions:



This certificate remains valid for and applicable to the equipment identified herein during the validity period of this certificate. Changes affecting conformity assessment including but not limited to modification of the equipment, antennas, accessories or software which have not been approved by CKC CS may invalidate this certificate.

All conditions of the CKC CS application form Exhibit A remain applicable to this certificate.

¹ Refer to 765/2008/EC Article 30, General principles of CE marking.