

CKC Certification Services, LLC

AB 0976

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UK TYPE EXAMINATION CERTIFICATE SI 2017/1206 Radio Equipment Regulations

Certificate Issued to:

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

Application ID: **105175-05A-UKRE**

Product Identification:

Model Number(s): **ETERNA1** *Device Name(s):* **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>Section 6.1(b), EMC</i>	EN 301 489-17 3.2.4	Not Harmonized	None	Conforms
<i>Section 6.2, Radio Spectrum</i>	EN 300 328 2.2.2	Harmonized	None	Conforms

Conditions / Restrictions:

None

This certificate is issued in accordance with Schedule 3, Module B of BEIS SI 2017/1206 and the mutual recognition of their conformity, by CKC Certification Services, LLC., Approved Body 0976, who asserts the above determination regarding only the scope of assessment and the equipment as identified herein.

Acceptance Date: **September 16, 2021**

Expiration Date: **September 16, 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 RER SI 2017/1206 Part 2, Chapter 1, Section 6.1(b) represents the current state of the art in the present lack of applicable Designated 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 Schedule 3 of UK Statutory Instrument 2017/1206 on radio equipment, it is the opinion of CKC Certification Services, LLC., Approved Body 0976 that the above procedural deviations meet the essential requirements of the regulation as applied using all required tests and the prescribed limits of the designated standard.

ANNEX B – Certificate Conditions

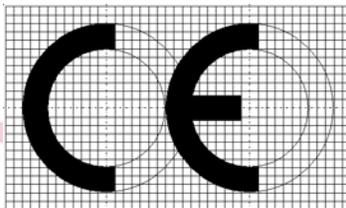
This certificate relates only to the assessment of conformity with the essential requirements of the cited regulation, not to acceptability of UKCA marking. It remains the responsibility of the manufacturer or their authorized representative to satisfy all requirements of this and other applicable requirements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

Placement of the UKCA mark² is addressed under UK Department for Business, Energy & Industrial Strategy (BEIS) rules and available online.³ The CKC CS UK Approved Body Number is not permitted to be placed with the UKCA mark. The UKCA mark must be constructed according to the following relative dimensions:

The image shows the UKCA mark logo, which consists of the letters 'UK' stacked above 'CA' in a bold, black, sans-serif font. The logo is centered within a large, faint, pink circular watermark that features a stylized 'UK' and several stars, similar to the European Union flag.

Notice: Products entering Northern Ireland continue to be governed under EU CE mark requirements.

Placement of the CE mark is addressed within Radio Equipment Directive Articles 19 and 20 in combination with a valid EU-RED assessment. 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 <https://www.gov.uk/guidance/placing-manufactured-goods-on-the-market-in-great-britain>

² Placement of UKCA mark on products entering Great Britain becomes mandatory January 1 2023.

³ Refer to <https://www.gov.uk/guidance/using-the-ukca-marking#how-to-use-the-ukca-marking>