

CKC Certification Services, LLC

NB 0976

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NOTIFIED BODY LETTER OF OPINION

Certificate Issued to:

Certificate Holder: **Dust Networks, Inc.**
30695 Huntwood Avenue
Hayward CA 94544
USA

Application ID: **93690-28-EU**

Product Identification:

Model Number(s): **ETERNA1** *Device Name(s):* **802.15.4 Wireless Mesh Mote**

Assessment Summary:

<i>Essential Requirements:</i>	<i>Standards</i>	<i>Result of Evaluation</i>
<i>Article 3.1(a), Safety</i>		Not Assessed
<i>Article 3.1(a), RF Exposure</i>		Not Assessed
<i>Article 3.1(b), EMC</i>		Not Assessed
<i>Article 3.2, Radio Spectrum</i>	EN 300328 v1.8.1	Conforms; with deviations*

* see annex A

Based on the evidence presented in the provided technical documentation, in accordance with Annex IV of Council Directive 1999/5/EC and the mutual recognition of their conformity, it is the opinion of CKC Certification Services, LLC., Notified Body 0976, that the equipment herein identified demonstrates compliance with the requirements of the directive as identified above.

Acceptance Date: **June 13, 2014**


Steve Behm, Authorized Signatory

Compliance of this product is the sole responsibility of the manufacturer or their European authorized representative. This opinion only relates to the documents provided at time of assessment and does not replace the text of the Directive. In legal disputes the text of the Directive, or its implementation in National legislation, takes precedence.

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Equipment Details:

Frequency Range (MHz)	Carrier Output (dBm)	Emission Type(s)	Protocol Specifications
2402-2480	12.6	G7D	802.15.4

Review performed via:

- Harmonized Standards without deviations
- Harmonized Standards with deviations
- Requirements Defined by Notified Body
- Technical Construction File

Equipment Classification:

- Class 1, Subclass: 22
- Class 2, Alert Symbol Required

Technical Documentation Provided:

Test Report	Reference Document	Material Date
Electrical Safety		
RF Exposure		
EMC		
Radio Spectrum	93690-27_Final	April 2014

Conformity Documentation:	Reference Document	Material Date
Declaration of Conformity	ETERNA1_RTTE_DoC	June 2014
CB Certificate (if applicable)		

Other Documentation:

NA		
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Additional Details:

Provided it is otherwise confirmed that the product also conforms with any other applicable Directives, the manufacturer (or the European authorized representative) shall affix CE-marking to each conforming product according to the provisions of Annex VII and Article 12 of the R&TTE Directive.

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ANNEX A

Assessment of essential requirements to R&TTE Directive Article 3.2

While the essential requirements were directly applied in accordance with EN 300 328 v1.8.1 Annex A, HS-RTT, the test procedures utilized deviate from the specified test procedures.

Deviations:

Test Procedure	Deviation	Comments
RF Power Output, 5.3.2	Power Sensor Method with test mode	Equivalent
MU, 5.3.2	Analyzer Method with trace maximization	Equivalent
PSD, 5.3.3	Larger RBW with trace maximization	Equivalent
Adaptivity, 5.3.7	VBW Limited; set to highest available setting	Equivalent
OOB Emissions, 5.3.9	Spectrum Analysis with trace maximization	Equivalent

Based on the provided technical specifications and in accordance with Annex III of Council Directive 1999/5/EC on radio and telecommunications equipment, taking into consideration the low power output and R&TTE CA TGN 09 revision 1, 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.

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