

# Expertise

**Expert Opinion of the Notified Body on the Conformity Assessment  
according to Article 10.5 of R&TTE Directive 1999/5/EC**

**PHOENIX TESTLAB**  
**EU Identification Number 0700**

Recognised by  Bundesnetzagentur  
BNetzA-bS-02/51-55

Expertise No.	13-115539
Certificate Holder	LM Technologies Ltd.
Address	Unit19, Spectrum House, 32-34, Gordon House Road, London, NW5 1LP, United Kingdom
Product Description	LM540 Class 1 Bluetooth USB Adapter
Brand Name / Model Name	LM540 Bluetooth USB Adapter / 540-0542

## Opinion on the Essential Requirements

Article 3.1a): Health and Safety	<b>No remarks</b>
Article 3.1b): Electromagnetic Compatibility	<b>No remarks</b>
Article 3.2: Effective Use of the Radio Spectrum	<b>No remarks</b>

## CE-marking

Marking Example (Class 1) **CE 0700**

This certificate is issued in accordance with the Directive 1999/5/EC of the European Parliament and the Council on radio equipment and telecommunications terminal equipment and the mutual recognition of their conformity dated 9<sup>th</sup> March 1999 and is only valid in conjunction with the following annex (2 pages).

Blomberg, 21 November 2013

Place, Date of Issue




Signed by Alan Lane  
Notified Body

## Technical description

Frequency Range Bluetooth: 2402 - 2480 MHz  
Transmitted Power Bluetooth: 12.45 dBm EIRP

## Technical Construction File (TCF):

Technical documentation according to Annex II sub clause 4:

- |   |   |
|---|---|
| <input checked="" type="checkbox"/> User Manual   | <input checked="" type="checkbox"/> Operational Description |
| <input checked="" type="checkbox"/> Block Diagram | <input checked="" type="checkbox"/> Circuit Diagram         |
| <input type="checkbox"/> Parts Placement          | <input type="checkbox"/> PCB-Layout                         |
| <input type="checkbox"/> Parts List               |   |

Hardware Version: 4839  
Software Version: 4839

## Applied Standards and Test Reports

Specification	Laboratory	Test Report Number
EN 60950-1:2006 +A11:2009+A1:2010+A12:2011	Shenzhen SEM.Test Technology Co., Ltd.	STR13108075S
EN 301 489-1 V1.9.2 EN 301 489-17 V2.2.1	Shenzhen SEM.Test Technology Co., Ltd.	STR13108075E-2
EN 62479:2010	Shenzhen SEM.Test Technology Co., Ltd.	STR13108075E-3
EN 300 328 V1.7.1	Shenzhen SEM.Test Technology Co., Ltd.	STR13108075E-1

## Further Documents

EU Declaration of Conformity, 2 pages, 2013-10-16.  
Power of Attorney, 1 page, 2013-10-16.



## Opinion on the Essential Requirements:

The basis of this Expertise is the Technical Construction File (TCF). If the TCF includes test reports issued by laboratories accredited to the standard ISO/IEC 17025, the test results of these reports are considered as a basis for the conformity assessment of the Notified Body.

### Article 3.1a): Health and Safety:

- Conform

### Article 3.1b): Electromagnetic Compatibility:

- Conform

### Article 3.2: Effective Use of the Radio Spectrum:

- Conform

### General Remarks:

- This conformity assessment is limited to the essential requirements of the R&TTE Directive. Only products fulfilling all essential requirements of all applicable new approach directives may be placed on the market and put into service. Products in compliance with all provisions of the applicable directives providing for the CE marking must bear this marking.
- The Technical Construction File should include PCB Layout, Parts Placement and Parts List.

