

# 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**



BNetzA-bS-02/51-55

|   |   |
|---|---|
| Expertise No.                                       | 09-112186a  |
| Certificate Holder                                  | Quectel Wireless Solutions Co.,Ltd                                    |
| Address   | Room 801, Building E, No 1618 Yishan Road,<br>Shanghai, China, 201103 |
| Product Description                                 | GPS Module  |
| Brand Name / Model Name                             | Quectel / L10   |
| Frequency Range                                     | 1575.42 MHz   |
| Transmitted Power                                   | GPS Receiver only   |
| <b>Opinion on the Essential Requirements</b>        |   |
| Article 3.1a): Health and Safety                    | <b>Remarks see annex</b>  |
| Article 3.1b): Electromagnetic Compatibility        | <b>No remarks</b>   |
| Article 3.2: Effective Use of the Radio<br>Spectrum | <b>Not assessed</b>   |
| <b>CE-marking</b>                                   |   |
| Marking Example (Class 1)                           | <b>CE 0700</b>  |

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, 03 September 2009

Place, Date of Issue



Signed by Bernd Selck  
Notified Body

## Technical Construction File (TCF):

### Description

User Manual: L10\_User\_Guide\_V1.00.pdf , 15 pages, 2009-7-25  
L10\_EVB\_UGD\_V1.00.pdf, 28 pages, 2009-7-20  
Operational Description: L10 Operation Descriptions.pdf, 2 pages, --  
L10\_GPS\_Protocol\_V1.00.pdf, 44 pages, 2009-08-10

### Manufacturing Documents

Block Diagram: L10 hardware block diagram.pdf, 1 page, --  
Circuit Diagram: L10\_V1.02\_SCH.pdf, 2 pages, --  
Parts Placement: L10\_V1.02\_PCB\_TOP.pdf, 1 page, Jul 08 2009  
PCB-Layout: L10\_PCB\_Layout.pdf, 2 pages, --  
Parts List: L10\_Part\_List.pdf, 3 pages, --  
Hardware Version: --  
Software Version: --

### Applied Standards and Test Reports

| Specification  | Laboratory | Test Report Number |
|--|------------|--------------------|
| EN 60950-1: 2001 + A11: 2004                           | Morlab SZ  | SH09070021CS01     |
| EN 300 440-2 V1.1.2: 2004<br>EN 300 440-1 V1.3.1: 2001 | Morlab SZ  | SH09070021CR01     |
| EN 301 489-3 V1.4.1: 2002<br>EN 301 489-1 V1.8.1: 2008 | Morlab SZ  | SH09070021CE01     |

### Further Documents

Declaration of Conformity, 1 page, --



## 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:

- Health: NOT assessed
- Safety: Conform

### Article 3.1b): Electromagnetic Compatibility:

- Conform

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

- NOT assessed

### General Remarks:

- If the module should be integrated into a system, this set needs to be reassessed.
- Before putting a product on the market which uses non harmonised frequencies (Class 2) the national authorities of the member states have to be notified.
- 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.

