

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.	09-112059b
Certificate Holder	Quectel Wireless Solutions Co.,Ltd
Address	Room 801, Building E, No 1618 Yishan Road, Shanghai, China, 201103
Product Description	GSM/GPRS 850/900/1800/1900 Module Evaluation Board
Brand Name / Model Name	Quectel /M10
Frequency Range	GSM/GPRS 900/1800
Transmitted Power	Max 2W
Opinion on the Essential Requirements	
Article 3.1a): Health and Safety	No remarks
Article 3.1b): Electromagnetic Compatibility	No remarks
Article 3.2: Effective Use of the Radio Spectrum	No remarks
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 9th March 1999 and is only valid in conjunction with the following annex (2 pages).

Blomberg, 25 August 2009

Place, Date of Issue




Signed by Bernd Selck

Technical Construction File (TCF):

Description

User Manual: EVB User Guide, M10_EVB_UGD_V1.00, 27 pages, 2009-06-27
GPRS Setup, GPRS_Setup_V1.00, 15 pages, 2009-06-27
AT Commands Set, M10_ATC_V1.01, 165 pages, 2009-06-26

Operational Description: Tune up procedure, 1 page, --

Manufacturing Documents

Block Diagram: M10 Functional Diagram, 1 page, 2.M10 Block Diagram .pdf 1 page--

Circuit Diagram: M10_V1.01_SCH.pdf, 3 pages, 2008-05-23--

Parts Placement: M10_V1.01_PCB_TOP.pdf, 1 page, Jul 18 2009

PCB-Layout: M10 PCB Layout, 4 pages, --

Parts List: M10_V1.01_BOM090718, 1 page, 3.M10_Part_List.pdf , 4 pages --

Hardware Version: V1.01

Software Version: MTK0836

Applied Standards and Test Reports

Specification	Laboratory	Test Report Number
EN 301 489-7 V1.3.1: 2005 EN 301 489-1 V1.8.1: 2008	Morlab	SH09070021AE01
EN 60950-1: 2001 + A11: 2004	Morlab	SH09070021AS01
EN 301 511 V9.0.2: 2003 ETSI TS 151 010-1 V1.8.0	Morlab	SH09070021AR01

Further Documents

Declaration of Conformity , 1 page, 25. Aug. 2009

MPE(Calculation for SAR-Test), 1 page, --

Tune-up Procedure of M10 , 1 page

M10_User_Guide_V1.00, 18 pages

M10 Operational Descriptions, 2 pages



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:

- 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.

