

# 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.	16-212567
Certificate Holder	Microtech S.r.l.
Address	Via Aldo Moro, 9 20090 Buccinasco (MI) Italy
Product Description	Tablet PC, with LTE, Bluetooth, Wi-Fi and GPS
Brand Name / Model Name	Microtech / e-tab Pro LTE ET101LFL, ET101LFLR2, ET101LFLR3

### 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 (3 pages).  
**R&TTE Directive will expired on 12 June 2017.**

Blomberg, 05 September 2016

Place, Date of Issue



Signed by Bernd Selck  
Notified Body

## Technical description

Frequency Range	E-UTRA FDD Band 1 / 3 / 7 / 20 Bluetooth 2402 - 2480 MHz WiFi 2412 - 2472 MHz GPS 1575.42 MHz (Only receive)
Transmitted Power	E-UTRA 0.2 W Bluetooth 3.33 mW EIRP WiFi 36.64 mW EIRP
Operational temperature range Device	-10° / +40°C
Operational temperature range Power adaptor	-10° / +40°C

## 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 checked="" type="checkbox"/> Parts Placement | <input checked="" type="checkbox"/> PCB-Layout              |
| <input checked="" type="checkbox"/> Parts List      |                                                             |

Hardware Version: CHT-P12A-V103

Software Version: --



## Applied Standards and Test Reports

Specification	Laboratory	Test Report Number
EN 609501:2006+A11:2009 +A1:2010+A12:2011+A2:2013	AGC Shenzhen	AGC03109160701ES01 AGC03109160701ES02
EN 50332-1:2013	AGC Shenzhen	AGC03109160701ES03
EN 62209-2:2010 IEC 62209-2:2010 EN 50566:2013	AGC Shenzhen	AGC03109160701-1EH01 AGC03109160701-2EH01
EN 62479:2010	AGC Shenzhen	AGC03109160701EH02
EN 301 489-1 V1.9.2 EN 301 489-3 V1.6.1 EN 301 489-17 V2.2.1 EN 301 489-24 V1.5.1	AGC Shenzhen	AGC03109160701EE01
EN 55022:2010/AC:2011 EN 61000-3-2:2014 EN 61000-3-3:2013 EN 55024:2010	AGC Shenzhen	AGC03109160701EE11
EN 300 328 V1.9.1	AGC Shenzhen	AGC03109160701EE04 AGC03109160701EE05 AGC03109160701EE10
EN 300 440-1 V1.6.1 EN 300 440-2 V1.4.1	AGC Shenzhen	AGC03109160701EE06
EN 301 908-1 V7.1.1 EN 301 908-13 V6.2.1	AGC Shenzhen	AGC03109160701EE09

## Further Documents

EU Declaration of Conformity, 1 page, 15 August 2016  
Declaration on model difference, 1 page, 15 August 2016



## 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: Conform. Body SAR was tested with a separation distance of zero mm.
- 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.
- All test reports should contain actual test results in accordance with the requirements of the standard and in order to correctly demonstrate compliance with the limits.
- The software may affect the compliance, therefore the software version shall be stated.

