

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. | 13-115011 |
| Certificate Holder | Trae-M Comercio Internacional, S.L. |
| Address | Calle Canada.Real DE MESTAS, 23 Escalera 2-1° D. 14005 Cordoba, Spain |
| Product Description | 1080P-N003; Mobile Phone with GSM, GPS, BT, WIFI and WCDMA |
| Brand Name / Model Name | NEO / N003 |

Opinion on the Essential Requirements

| | |
|---|-------------------|
| Article 3.1a): Health and Safety | Remarks see annex |
| Article 3.1b): Electromagnetic Compatibility | Remarks see annex |
| 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 (3 pages).

Blomberg, 25 October 2013

Place, Date of Issue



Signed by Alan Lane
Notified Body

Technical description

| | |
|-------------------|---|
| Frequency Range | GSM 900/1800 MHz GPS: 1.57542 GHz(RX) Bluetooth: 2402 MHz - 2480 MHz WiFi (20 MHz): 2412 - 2472 MHz WiFi (40 MHz): 2422 - 2462 MHz UTRA FDD Band I |
| Transmitted Power | Max.2W/Max.1W Bluetooth: 2.62 dBm EIRP WiFi: 10.42 dBm EIRP UTRA FDD: 24 dBm |

Technical Construction File (TCF):

Technical documentation according to Annex II sub clause 4:

- | | |
|---|---|
| <input checked="" type="checkbox"/> User Manual | <input 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: 832QA_MB_PCB_V1.0
Software Version: 1080P_N003_T13



Applied Standards and Test Reports

| Specification | Laboratory | Test Report Number |
|---|--|-----------------------|
| EN 60950-1:2006+A11:2009+ A1:2010+A12:2011 | Shenzhen CTL Electromagnetic Technology Co., Ltd. | CTL1309261504-WS |
| EN 50332-2:2003 | Shenzhen CTL Electromagnetic Technology Co., Ltd. | CTL1309261504-WSS |
| EN 62479:2010 | Shenzhen CTL Electromagnetic Technology Co., Ltd. | CTL1309261504-WH |
| EN 50360:2001 EN 62209-1:2006 EN 62209-2:2010 EN 62311:2008 | QuieTek Corporation | 139S089R-HP-CE-P01V01 |
| EN 301 489-1 V1.9.2 EN 301 489-3 V1.4.1 EN 301 489-7 V1.3.1 EN 301 489-17 V2.2.1 EN 301 489-24 V1.5.1 | Shenzhen CTL Electromagnetic Technology Co., Ltd. | CTL1309261504-WE |
| EN 300 440-1 V1.6.1 EN 300 440-2 V1.4.1 | Shenzhen CTL Electromagnetic Technology Co., Ltd. | CTL1309261504-WR01 |
| EN 301 511 V9.0.2 EN 301 908-1 V5.2.1 EN 301 908-2 V5.2.1 | Shenzhen CTL Electromagnetic Technology Co., Ltd. | CTL1309261504-WR03 |
| EN 300 328 V1.7.1 | Shenzhen CTL Electromagnetic Technology Co., Ltd. | CTL1309261504-WR02 |

Further Documents

EU Declaration of Conformity, 1 page, 2013-10-23.

Power of Attorney, 1 page, 2013-10-23.



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:
- Safety:
 - The Technical Construction File does not include any test results on the Flash LED. The Flash LED should be tested according to IEC62471 as required in to EN60950-1.
 - AC/DC Adapter: The adapter part has not been assessed. This should be tested according to EN 60950-1.

Article 3.1b): Electromagnetic Compatibility:

- A Common External Power Supply (EPS) as defined in EN 301489-34 should be tested according to this standard.
- RS/CS setup photos is missing in the test report.

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 all layers of the PCB layout.
- The Technical Construction File should include the following technical documentation additionally:
 - Operation Description