

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**




Expertise No.	16-213278
Certificate Holder	Zhengzhou Eshow Import and Export Trade Co.,Ltd.
Address	Room 722, Sanjiang Building, No.170, Nanyang Road, Huiji District, Zhengzhou City, Henan, China
Product Description	Two way radio, handheld PMR on UHF
Brand Name / Model Name	Retevis / RT1

Opinion on the Essential Requirements

Article 3.1a): Health and Safety	Remarks see annex
Article 3.1b): Electromagnetic Compatibility	No remarks
Article 3.2: Effective Use of the Radio Spectrum	No remarks

CE-marking

Marking Example (Class 2) **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).

R&TTE Directive will expire on 12 June 2017.

Blomberg, 19 October 2016

Place, Date of Issue



Signed by Bernd Selck
Notified Body

Technical description

Frequency Range	400 to 470 MHz
Operating Frequency Range	400.025 to 469.975 MHz
Channel separation	12.5 / 25 kHz
Transmitted Power	4W
Operational temperature range Device	-10 / +40°C
Operational temperature range Power adaptor	---

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: --
Software Version: --

Applied Standards and Test Reports

Specification

EN 60950-1:2006+A11:2009
+A1:2010+A12:2011+A2:2013
EN 301 489-1 V1.9.2
EN 301 489-5 V1.3.1
EN 300 086-1 V 1.4.1
EN 300 086-2 V 1.3.1

Laboratory

AGC Shenzhen
AGC Shenzhen
AGC Shenzhen

Test Report Number

AGC08074160901ES01
AGC08074160901EE01
AGC08074160901EE13

Further Documents

EU Declaration of Conformity, 1 page, 24 September 2016
Construction Equality Declaration, 1 page, 24 September 2016
Based on the Expertise 14-116002



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:
 - The stated measured values exceed the usual limit for this battery technology. A datasheet was not submitted, thus an assessment of the safety of the battery could not be carried out sufficiently.
 - AC/DC Adapter and charger adapter not assessed. The user shall be informed about any restrictions.

Article 3.1b): Electromagnetic Compatibility:

- Conform

Article 3.2: Effective Use of the Radio Spectrum:

- Conform

General Remarks:

- 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.
- The user shall be informed by the person placing the product onto the market if an individual licence may be required for using and operating in EC member states.
- The hardware and software may affect the compliance, therefore the hardware and software version shall be stated.

