



PHOENIX
TESTLAB

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.	17-210021
Certificate Holder	HENAN ESHOW ELECTRONIC COMMERCE CO., LTD
Address	Room 722, Sanjiang Building, No.170 Nanyang Road, Huiji District, Zhengzhou, Henan, China
Product Description	Two way radio, handheld PMR for UHF
Brand Name / Model Name	Retevis / RT22

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 !
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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, 13 January 2017

Place, Date of Issue



Signed by Horst Dreinert
Notified Body

Phone +49(0)5235-9500-24
Fax +49(0)5235-9500-28
notifiedbody@phoenix-testlab.de

PHOENIX TESTLAB GmbH
Königswinkel 10
D-32825 Blomberg, Germany
www.phoenix-testlab.de

Technical description

Frequency Range	400 – 470 MHz
Operating frequencies	400.025 - 469.975 MHz (16 channels)
Channel Spacing	12.5 kHz
Modulation	Analog FM, F3E
Transmitted Power	3W
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 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	Laboratory	Test Report Number
EN 60950-1:2006+A11:2009 +A1:2010+A12:2011+A2:2013	AGC Shenzhen	AGC08074161201ES01
EN 301 489-1 V1.9.2 EN 301 489-5 V1.3.1	AGC Shenzhen	AGC08074161201EE01
EN 300 086-1 V 1.4.1 EN 300 086-2 V 1.3.1	AGC Shenzhen	AGC08074161201EE13
EN 300 219-1 V 1.2.1 EN 300 219-2 V 1.1.1		

Further Documents

EU Declaration of Conformity, 1 page, 04 January 2017
Construction Equality Declaration, 1 page, 04 January 2017
Based on the Expertise 16-213080



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: AC/DC adapter not assessed.

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.
- The user shall be informed by the person placing the product onto the market if an individual licence may be required for using in EC member states.
- 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 hardware and software may affect the compliance, therefore the hardware and software version shall be stated.
- The Technical Construction File should include a complete schematics.

