

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. 13-113019

Certificate Holder Alinco, Inc. Electronics Division

Address Yodoyabashi Dai-Bldg 13F,
4-4-9 Koraibashi, Chuo-Ku,
Osaka 541-0043, Japan

Product Description VHF FM MOBILE TRANSCEIVER,
Amateur radio

Brand Name / Model Name ALINCO / DR-138HE

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).

Blomberg, 10 July 2013

Place, Date of Issue



Signed by Dieter Griep
Notified Body

Technical description

Frequency Range 144MHz to 145.995MHz

Transmitted Power 60 W

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: V1.0

Software Version: V1.0

Applied Standards and Test Reports

Specification	Laboratory	Test Report Number
EN 60950-1:2006+A11:2009+ A1:2010+A12:2011	AGC Shenzhen	AGC00589130602ES01
EN 301 489-1 V1.9.2 EN 301 489-15 V1.2.1	AGC Shenzhen	AGC00589130602EE01
EN 301 783-1 V1.2.1 EN 301 783-2 V1.2.1	AGC Shenzhen	AGC00589130602EE02

Further Documents

EU Declaration of Conformity, 1 page, 28 June 2013



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: Conform

Article 3.1b): Electromagnetic Compatibility:

- Conform

Article 3.2: Effective Use of the Radio Spectrum:

- Conform

General Remarks:

- The user shall be informed by the person placing the product into the market if an individual licence may be required for using in EC member states.
- 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.



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. 12-115189

Certificate Holder Alinco Incorporated, Electronics Division

Address Yodoyabashi Dai-Bldg 13F, 4-4-9 Koraibashi,
Chuo-Ku, Osaka 541-0043, Japan

Product Description VHF FM MOBILE TRANSCEIVER

Brand Name / Model Name ALINCO / DR-138

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 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).

Blomberg, 21 December 2012

Place, Date of Issue




Signed by Bernd Selck
Notified Body

Technical description

Frequency Range 136.000 - 173.9975 MHz

Transmitted Power 60 W

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: V1.00

Software Version: V1.00

Applied Standards and Test Reports

Specification	Laboratory	Test Report Number
EN 60950-1:2006+A11:2009+ A1:2010+A12:2011	AGC Shenzhen	AGC02X121201E3
EN 62311:2008	AGC Shenzhen	AGC02X121201E4
EN 301 489-1 V1.9.2 EN 301 489-5 V1.3.1	AGC Shenzhen	AGC02X121201E1
EN 300 086-1 V 1.4.1 EN 300 086-2 V 1.3.1	AGC Shenzhen	AGC02X121201E2

Further Documents

Declaration of Conformity, 1 page, 13 December 2012



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:

- 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 into the market if an individual licence may be required for using in EC member states.

