

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. 13-113020

Certificate Holder Alinco, Inc. Electronics Division

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

Product Description UHF FM MOBILE TRANSCEIVER, PMR

Brand Name / Model Name ALINCO / DR-438

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 400 – 470 MHz
Transmitted Power 40 W

Technical Construction File (TCF):

Technical documentation according to Annex II sub clause 4:

- User Manual
- Operational Description
- Block Diagram
- Circuit Diagram
- Parts Placement
- PCB-Layout
- 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	AGC00589130603ES01
EN 301 489-1 V1.9.2 EN 301 489-5 V1.3.1	AGC Shenzhen	AGC00589130603EE01
EN 300 086-1 V 1.4.1 EN 300 086-2 V 1.3.1	AGC Shenzhen	AGC00589130603EE02

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.

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PHOENIX TESTLAB
EU Identification Number **0700**

Recognised by  Bundesnetzagentur

BNetzA-bS-02/51-55

Expertise No. 13-114212

Certificate Holder Alinco, Inc. Electronics Division

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

Product Description UHF FM MOBILE TRANSCEIVER,
Amateur Radio

Brand Name / Model Name ALINCO / DR-438HE

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, 12 September 2013

Place, Date of Issue



Signed by Dieter Griep
Notified Body

Technical description

Frequency Range 430.000 - 439.9975 MHz

Transmitted Power 40 W

Technical Construction File (TCF):

Technical documentation according to Annex II sub clause 4:

- User Manual
- Operational Description
- Block Diagram
- Circuit Diagram
- Parts Placement
- PCB-Layout
- 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	AGC00589130801ES01
EN 301 489-1 V1.9.2 EN 301 489-15 V1.2.1	AGC Shenzhen	AGC00589130801EE01
EN 301 783-1 V1.2.1 EN 301 783-2 V1.2.1	AGC Shenzhen	AGC00589130801EE13

Further Documents

EU Declaration of Conformity, 1 page, 04 September 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 onto 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.

