

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.	15-111438
Certificate Holder	ALINCO INCORPORATED
Address	YODOYABASHI DAI-BLDG 13F, 4-4- 9,KORAIBASHI, CHUO-KU, OSAKA 541-0043, JAPAN
Product Description	PMR446 HANDHELD TRANSCEIVER
Brand Name / Model Name	ALINCO / DJ-FX446

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 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 (2 pages).

Blomberg, 25 March 2015

Place, Date of Issue



Signed by Alan Lane
Notified Body

Technical description

Frequency Range 446.0 - 446.1 MHz; Sub-Class 51
Operating Frequency 446.00625 - 446.09375 MHz
Channel Band 8 Channels
Transmitted Power Max.0.5W

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	TÜV Rheinland (Shenzhen) Co., Ltd.	17031340 001
EN 60950-1:2006+A11:2009+A1:2010+A12:2011	Shenzhen CTL Testing Technology Co., Ltd.	CTL1503030535-WS
EN 301 489-1 V1.9.2 EN 301 489-5 V1.3.1	Shenzhen CTL Testing Technology Co., Ltd.	CTL1503030535-WE
EN 300 296-1 V1.4.1 EN 300 296-2 V1.4.1	Shenzhen CTL Testing Technology Co., Ltd.	CTL1503030535-WR

Further Documents

EU Declaration of Conformity, 1 page, 2015-03-16.



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:
 - The Technical Construction File should include an assessment on the Electromagnetic Fields (EMF) of the PMR466 transmitter (eg: EN 62311). The user is to inform about any restriction.
- Safety: Conform

Article 3.1b): Electromagnetic Compatibility:

- Conform

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.

