



EU-TYPE EXAMINATION (MODULE B) CERTIFICATE

Radio Equipment Directive (RED) 2014/53/EU

PHOENIX TESTLAB
Notified Body Number 0700



BNetzA-bS-02/51-55

This is to certify that:

PHOENIX TESTLAB did undertake the relevant type examination procedures for the radio equipment identified below which was found to be in compliance with the essential requirements of Radio Equipment Directive (RED) 2014/53/EU subject to any conditions in the annex attached hereto.

Certificate No.	19-211738
Manufacturer	Shenzhen Kaifa Technology (Chengdu) Co., Ltd.
Address	No.1218 Hezuo Rd., Hi-Tech Development Zone (West) Chengdu, P.R.C.
Product Description	RF module; with SRD
Brand Name / Model Name	KAIFA / CR107D

The radio equipment meets the following essential requirements

Article 3.1 a): Health and Safety **Conform**

Article 3.1 b): Electromagnetic Compatibility **Conform**

Article 3.2: Effective and Efficient Use of Radio Spectrum **Conform**

Additional Essential Requirements: **Not applicable**

Date of issue

11-10-2019

Expiry date:

10-10-2024

This certificate remains valid unless cancelled or revoked, provided the conditions in the attached annex are complied with. The conditions for the validity of this certificate are listed in the Annex.



The attached Annex forms part of this certificate. This certificate consists of 3 pages.

Signed by Wayne Hsu
Notified Body

Annex

Technical description

Frequency Range	169.400-169.475 MHz
Operation Frequency Range	169.40625-169.46875 MHz (6CH)
Transmit Power	24.401 dBm ERP
Hardware Version	V2.0
Software Version	V00.21

System Components	--
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Optional Components

Antenna	Dipole type, gain 0 dBi max.
RF Cable	0.9 Meter, shielded Cable, Without Ferrite Core

Approval documentation

Technical Documentation including KAIFA_CR107D
External / Internal Photos, User Manual, Label, Block Diagram, Circuit Diagram, Operational Description, PCB Layout, Parts Placement, Parts List.

EU Declaration of Conformity	2 pages, 09 October, 2019
Explanation of compliance Article 10(2) and Article 10(10)	Description in the User Manual
Further Documents	Risk Assessment, 5 pages, 09 October, 2019

Applied Standards and Test Reports

Specification	Laboratory	Test Report Number / Version
EN 62368-1:2014+A11:2017	Shenzhen LCS Compliance Testing Laboratory Ltd.	LCS190725030AS
EN 50663:2017	Shenzhen LCS Compliance Testing Laboratory Ltd.	LCS190725029AEC
ETSI EN 301 489-1 V2.1.1	Shenzhen LCS Compliance Testing Laboratory Ltd.	LCS190725029AEA
ETSI EN 301 489-3 V2.1.1	Shenzhen LCS Compliance Testing Laboratory Ltd.	LCS190725029AEB
ETSI EN 300 220-1 V3.1.1	Shenzhen LCS Compliance Testing Laboratory Ltd.	LCS190725029AEC
ETSI EN 300 220-4 V1.1.1	Shenzhen LCS Compliance Testing Laboratory Ltd.	LCS190725029AEB



Limitations / Restrictions

- Operating Temperature range is -40 - +85 degree Celsius.
- Body Separation distance is 20cm by using the procedure of MPE calculation.
- The SRD receiver fulfills the requirements of category 2.

Notes

1. This certificate will not be valid if the manufacturer makes any changes or modifications to the approved equipment, which have not been notified to, and agreed with PHOENIX TESTLAB.
2. Should the specified regulations or standards be amended during the validity of this certificate, the product(s) is/are to be re-approved prior to it/them being placed on the market.
3. The manufacturer shall take all measures necessary so that the manufacturing process and its monitoring ensure conformity of the manufactured radio equipment with the approved type described in the EU-type examination certificate and with the requirements of Directive 2014/53/EU that apply to it.
4.  The manufacturer shall affix the CE marking to each item of radio equipment that is in conformity with the type described in the EU-type examination certificate and satisfies the applicable requirements of the Directive.
5. The manufacturer shall draw up a written EU declaration of conformity for each radio equipment type and keep it at the disposal of the national authorities for 10 years after the radio equipment has been placed on the market. The EU declaration of conformity shall identify the radio equipment type for which it has been drawn up. A copy of the EU declaration of conformity shall be made available to the relevant authorities upon request.

