

EU-TYPE EXAMINATION (MODULE B) CERTIFICATE

Radio Equipment Directive (RED) 2014/53/EU

PHOENIX TESTLAB
Notified Body Number **0700**



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.

Manufacturer

Address

Product Description

Brand Name / Model Name

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

2020-05-07

Expiry date:

2025-05-06

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 4 pages.

Annex

Technical description

Frequency Range	GSM 850/900/1800/1900 MHz Bluetooth: 2402 - 2480 MHz 2.4G WiFi: 2412 - 2472 MHz 5G WiFi(20MHz): 5180 - 5320 MHz, 5500 - 5700 MHz 5G WiFi(40MHz): 5190 - 5310 MHz, 5510 - 5670 MHz 5G WiFi(80MHz): 5210 - 5290 MHz, 5530 - 5610 MHz UTRA FDD Band I/II/IV/V/VIII E-UTRA FDD Band 1/2/3/4/5/7/8/20/28 E-UTRA TDD Band 38/40 5.8GHz Non-specific SRD: 5745 - 5825 MHz NFC: 13.56 MHz GPS/GLONASS/Beidou/Galileo: 1559-1610MHz (Rx) FM: 87.5 - 108 MHz (Rx)
Transmit Power	Max. 2W/Max. 1W Bluetooth: 7.65 dBm EIRP 2.4GHz WiFi: 17.46 dBm EIRP 5GHz WiFi (5150-5250 MHz): 15.81 dBm EIRP 5GHz WiFi (5250-5350 MHz): 16.51 dBm EIRP 5GHz WiFi (5470-5725 MHz): 16.27 dBm EIRP UTRA FDD: 24.5 dBm E-UTRA FDD/TDD: 23 dBm NFC: -27.73 dB μ A/m at 10m 5.8 GHz Non-specific SRD: 13.85 dBm EIRP
Hardware Version	P2
Software Version	MIUI 11

System Components

Battery	MI, BN54, 3.87V, ~4920mAh
---------	---------------------------

Optional Components

Adapter 1	MI, MDY-11-EW/MDY-11-EY, I/P: 100 - 240 Vac, 0.35A, O/P:5V 2A
Earphone	MI, EM023, 1.25 meter, shielded cable, without ferrite core
USB Cable 1	MI, B73312/H73312, 1.0 meter, shielded cable, without ferrite core

Approval documentation

	Technical Documentation including Redmi_M2004J19AG External / Internal Photos, User Manual, Label, Block Diagram, Circuit Diagram, Operational Description, PCB Layout, Parts Placement, Parts List
EU Declaration of Conformity	2 pages, 06 May, 2020
Explanation of compliance Article 10(2) and Article 10(10)	Declaration of Operation in Member States and application for certification, 1 page, 26 April, 2020
Further Documents	Risk Assessment, 4 pages

Applied Standards and Test Reports

Specification	Laboratory	Test Report Number / Version
EN 62368-1:2014/A11:2017	TÜV SÜD Certification and Testing (China) Co., Ltd.	147-200807-000
EN 50332-1:2013 EN 50332-2:2013	SGS-CSTC Standards Technical Services Co., Ltd.	SZES200400169701
EN 50360:2017 EN 50566:2017 EN 62311:2008 EN 62479:2010 EN 62209-1:2016 EN 62209-2:2010	SGS Taiwan Ltd. Electronics & Communication Laboratory	E5/2020/40028
ETSI EN 301 489-1 V2.2.3 ETSI EN 301 489-3 V2.1.1 Draft ETSI EN 301 489-17 V3.2.2 ETSI EN 301 489-19 V2.1.1 Draft ETSI EN 301 489-52 V1.1.0 EN 55032:2015 EN 55035:2017	SGS-CSTC Standards Technical Services Co., Ltd.	SZEM200400242201
ETSI EN 301 511 V12.5.1	SGS-CSTC Standards Technical Services Co., Ltd.	ZR/2020/4001201
ETSI EN 301 908-1 V11.1.1 ETSI EN 301 908-2 V11.1.2	SGS-CSTC Standards Technical Services Co., Ltd.	ZR/2020/4001202
ETSI EN 301 908-1 V11.1.1 ETSI EN 301 908-13 V11.1.2	SGS-CSTC Standards Technical Services Co., Ltd.	ZR/2020/4001203
ETSI EN 300 328 V2.2.2	SGS-CSTC Standards Technical Services Co., Ltd.	ZR/2020/4001204 ZR/2020/4001207 ZR/2020/4001208
ETSI EN 301 893 V2.1.1	SGS-CSTC Standards Technical Services Co., Ltd.	ZR/2020/4001206
ETSI EN 300 440 V2.2.1	SGS-CSTC Standards Technical Services Co., Ltd.	ZR/2020/4001205
ETSI EN 300 330 V2.1.1	SGS-CSTC Standards Technical Services Co., Ltd.	SZEM200400242202
ETSI EN 303 413 V1.1.1	SGS-CSTC Standards Technical Services Co., Ltd.	SZEM200400242203
ETSI EN 303 345-1 V1.1.1 Draft EN 303 345-3 V1.1.0	SGS-CSTC Standards Technical Services Co., Ltd.	SZEM200400242204


Limitations / Restrictions

Operating Temperature range 0 - 40 degree Celsius

Body SAR separation distance is 5 mm.

This device also contains frequency bands that are not operational in EU member states. Only the frequency bands used in European Union have been assessed for this EU-TYPE EXAMINATION (MODULE B) CERTIFICATE.

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.