EU-TYPE EXAMINATION (MODULE B) CERTIFICATE

Radio Equipment Directive (RED) 2014/53/EU

PHOENIX TESTLAB

Notified Body Number 0700

Recognised by Bundesnetzagentur

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.	24-210687 - 24-220687
Manufacturer	CROSSCALL
Address	245, Rue Paul Langevin 13290, Aix-en-Provence, France
Product Description	Mobile phone; with GSM, WCDMA, LTE, 5GNR sub 6GHz, Bluetooth, WiFi, 5.8G Non-Specific SRD, NFC and GNSS
Brand Name / Model Name	CROSSCALL / Stellar-M6E

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: Article 3.3 g) Access to emergency services	**Conform**
Article 3.4: Common Charger	**Conform**

Date of issue	**2024-09-09**	Expiry date:	**2029-09-08**

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 5 pages.

Seal

Signed by Wayne Hsu
Notified Body

Wayne Hsu, 9/9/2024

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Annex

Technical description

Frequency Range	GSM 900/1800 MHz UTRA FDD Band I/VIII E-UTRA FDD Band 1/3/7/8/20/28/68 E-TURA SDL Band: 32 E-UTRA TDD Band 38/40/42/43 UL CA: 3A_20A, 3A_7A, 7A_20A, 1A_20A,1A_3A, 1A_7A, 3A_28A, 7A_28A, 1A_28A, 3A_8A, 7A_8A, 1A_8A 5G NR SA n1/n3/n7/n8/n20/n28/n38/n40/n48/n77/n78 5G NR NSA: n1/n3/n7/n20/n28/n78 Bluetooth: 2402 - 2480 MHz 2.4G WiFi (20 MHz): 2412 - 2472 MHz 2.4G WiFi (40 MHz): 2422 - 2462 MHz 5G WiFi (20 MHz): 5180 - 5320 MHz, 5500 - 5700 MHz 5G WiFi (40 MHz): 5190 - 5310 MHz, 5510 - 5670 MHz 5G WiFi (80 MHz): 5210 - 5290 MHz, 5530 - 5610 MHz 5.8G Non-Specific SRD: 5745 - 5825 MHz NFC: 13.56 MHz GPS/BDS/GLONASS/Galileo/SBAS: 1559 - 1610 MHz (Rx) GPS: 1164 - 1215 MHz (Rx)
Transmit Power	GSM 900: 32.5 dBm GSM 1800: 29.5 dBm UTRA FDD Band I: 23.5 dBm UTRA FDD Band VIII: 23 dBm E-UTRA Band FDD 1/3: 23.5 dBm E-UTRA Band FDD 7/8/20/28/68: 23 dBm E-UTRA Band TDD 38: 22.5 dBm E-UTRA Band TDD 40/43: 24 dBm E-UTRA Band TDD 42: 24.5 dBm 5G NR n1/n3/n40/n48/n77: 24.5 dBm 5G NR n7: 22.5 dBm 5G NR n8/n28: 24 dBm 5G NR n20: 23 dBm 5G NR n38: 23.5 dBm 5G NR n78 (class 2): 26.5 dBm Bluetooth: 8.35 dBm EIRP 2.4G WiFi: 16.49 dBm EIRP 5G WiFi (5150-5250 MHz): 15.05 dBm EIRP 5G WiFi (5250-5350 MHz): 15.58 dBm EIRP 5G WiFi (5470-5725 MHz): 15.99 dBm EIRP 5.8G Non-Specific SRD: 13.06 dBm EIRP NFC: -13.9 dBuA/m at 10m
Hardware Version	V1.00
Software Version	N2102.4.01.01.FR00

System Components

Battery	LPN385433A, 3.85V, 4330mAh (Shenzhen EPT Battery Co., Ltd)

Optional Components

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Approval documentation	Technical Documentation including CROSSCALL_Stellar-M6E External / Internal Photos, User Manual, Label, Block Diagram, Circuit Diagram, Operational Description, PCB Layout, Parts Placement, Parts List
EU Declaration of Conformity	Provided
Explanation of compliance Article 10(2) and Article 10(10)	Description in the User Manual
Further Documents	Risk Assessment Model Difference Declaration Letter

Applied Standards and Test Reports

Specification	Laboratory	Test Report Number / Version
EN IEC 62368-1:2020+A11:2020	TÜV Rheinland (China) Ltd.	CN249TUQ 001 CN249TUQ 002
EN 50332-1:2013 EN 50332-2:2013	The State Radio_monitoring_center Testing Center (SRTC)	SRTC2024-9003(B)-0178
EN 50360:2017 EN 50566:2017 EN 62209-1:2016 EN 62209-2:2010+A1:2019 EN IEC/IEEE 62209-1528:2020 EN 62479:2010 EN 50663:2017 EN 50665:2017	The State Radio_monitoring_center Testing Center (SRTC)	SRTC2024-9004(R)-24073102(H)
EN IEC 62311:2020 1999/519/EC	The State Radio_monitoring_center Testing Center (SRTC)	SRTC2024-9004(R)-24061102(I)
ETSI EN 301 489-1 V2.2.3 ETSI EN 301 489-3 V2.3.2 ETSI EN 301 489-17 V3.2.5 ETSI EN 301 489-19 V2.2.1 ETSI EN 301 489-52 V1.2.1 EN 55032:2015+A11:2020+A1:2020 EN 55035:2017+A11:2020 EN IEC 61000-3-2:2019+A1:2021 EN 61000-3-3:2013+A1:2019+A2:2021	The State Radio_monitoring_center Testing Center (SRTC)	SRTC2024-9004(R)-24073102(T)

Applied Standards and Test Reports

Specification	Laboratory	Test Report Number / Version
ETSI EN 301 511 V12.5.1	The State Radio_monitoring_center Testing Center (SRTC)	SRTC2024-9004(R)-24061102(A)
ETSI EN 301 908-1 V15.2.1 ETSI EN 301 908-2 V13.1.1	The State Radio_monitoring_center Testing Center (SRTC)	SRTC2024-9004(R)-24061102(B)
ETSI EN 301 908-1 V15.2.1 ETSI EN 301 908-13 V13.2.1	The State Radio_monitoring_center Testing Center (SRTC)	SRTC2024-9004(R)-24073102(C)
ETSI EN 300 328 V2.2.2	The State Radio_monitoring_center Testing Center (SRTC)	SRTC2024-9004(R)-24073102(D) SRTC2024-9004(R)-24073102(E) SRTC2024-9004(R)-24073102(F)
ETSI EN 301 893 V2.2.0	The State Radio_monitoring_center Testing Center (SRTC)	SRTC2024-9004(R)-24073102(G)
ETSI EN 303 413 V1.2.1	The State Radio_monitoring_center Testing Center (SRTC)	SRTC2024-9004(R)-24061102(J)
ETSI EN 300 330 V2.1.1	The State Radio_monitoring_center Testing Center (SRTC)	SRTC2024-9004(R)-24061102(L)
ETSI EN 300 440 V2.2.1	The State Radio_monitoring_center Testing Center (SRTC)	SRTC2024-9004(R)-24073102(P)
3GPP TS 38.101-1 V17.12.0 3GPP TS 38.101-3 V17.12.0 3GPP TS 38.521-1 V17.11.0 3GPP TS 38.521-3 V17.11.0 ETSI EN 301 908-1 V15.2.1 Draft ETSI EN 301 908-25 V15.1.1_0.0.21	The State Radio_monitoring_center Testing Center (SRTC)	SRTC2024-9004(R)-24073102(V)
Guidelines for compliance with delegated regulation (EU) 2019/320 April 2021	The State Radio_monitoring_center Testing Center (SRTC)	SRTC2024-9004(R)-24073102(S)
EN IEC 62680-1-3:2022	SAICT, Shenzhen Academy of Information and Communications Technology	24B01N001690-001-COM

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Limitations / Restrictions

- 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.
- Operating Temperature range is 0 - +35 degree Celsius.
- Body SAR Separation distance is 5mm.
- WLAN positioning test for Article 3.3 g) was performed in building type “office building” according to ISO/IEC 18305:2016 clause 10.1.3.

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. CE 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.

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