



**CERTIFICATE RED-3299**

**Issue no. 2**

**EU TYPE EXAMINATION CERTIFICATE  
RADIO EQUIPMENT DIRECTIVE 2014/53/EU**

**Product** KATIM X3M  
**Model** DP103  
**Series models** -  
**Trademark** KATIM  
**Certificate holder /  
Manufacturer** KATIM LLC  
PO BOX 111787, Abu Dhabi, United Arab Emirates  
**Other information** -

**Compliance with the requirements  
on the basis of type examination** Product fulfils the requirements of the standard(s) listed on page 2 and the essential requirements set out in Article 3.1a (Health & Safety), Article 3.1b (EMC), Article 3.2 (Radio Spectrum Use) and Article 3.3g of the Radio Equipment Directive 2014/53/EU.

**Validity** This certificate is valid until 2029-08-13 unless the standard in question has been amended or superseded.

**Date of issue** 2025-03-31

**SGS Fimko Oy**

**Signature**



Janne Nyman  
Technical Manager (EMC/RF)

SGS Fimko Oy is a Notified Body (0598) according to the RE Directive 2014/53/EU.



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Certificate issued by

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**Applied standards**

| Article                      | Standard   |
|------------------------------|--|
| 3.1a Health & Safety         | EN IEC 62368-1:2020+A11:2020<br>EN 50332-2:2013<br>EN 50360:2017<br>EN 50566:2017<br>EN 62311:2008<br>EN IEC 62311: 2020<br>EN 50665: 2017<br>EN IEC/IEEE 62209-1528:2021  |
| 3.1b EMC                     | EN 301 489-1 V2.2.3<br>EN 301 489-3 V2.3.2<br>EN 301 489-17 V3.2.4<br>EN 301 489-19 V2.2.1<br>EN 301 489-52 V1.2.1   |
| 3.2 Radio Spectrum           | EN 303 413:V1.2.1<br>EN 303 417 V1.1.1<br>EN 300 330:V2.1.1<br>EN 300 328:V2.2.2<br>EN 301 893:V2.1.1<br>EN 300 440:V2.2.1<br>EN 303 687 V1.1.1<br>EN 301 511 V12.5.1<br>EN 301 908-1:V15.2.1<br>EN 301 908-2:V13.1.1<br>EN 301 908-13:V13.2.1<br>Draft EN 301 908-25 V15.1.1_0.0.23 |
| 3.3 g Mobile phone / Galileo | Guidelines for Compliance with Delegated Regulation (EU) 2019/320  |

**Test reports**

| Testing Laboratory  | Report Number    | Date           |
|---|------------------|----------------|
| SGS Taiwan Ltd.<br>Central RF Lab.                                    | TERF2403000794ER | 13 June 2024   |
|   | TERF2403000795ER | 13 June 2024   |
|   | TERF2403000796ER | 13 June 2024   |
|   | TERF2403000797ER | 13 June 2024   |
|   | TERF2403000798ER | 13 June 2024   |
|   | TERF2403000799ER | 24 May 2024    |
|   | TERF2403000800ER | 24 May 2024    |
|   | TERF2404000913ER | 30 July 2024   |
|   | TERF2404000914ER | 13 June 2024   |
|   | TERF2404001154ER | 24 May 2024    |
|   | TERF2404001157ER | 13 August 2024 |
| TERF2405001354ER  | 13 June 2024     |                |
| SGS Taiwan<br>Electromagnetic<br>Compability Laboratory               | TMHY2405000732YE | 7 June 2024    |
| SGS Taiwan Ltd.<br>Safety Laboratory                                  | TSSF2404000220L0 | 19 June 2024   |
| SGS Taiwan Ltd.<br>Central RF Lab.                                    | TESA2403000161ES | 27 June 2024   |
|   | TESA2405000266ES | 14 June 2024   |
|   | TESA2405000341ES | 21 June 2024   |
|   | TESA2405000342ES | 27 June 2024   |
| SGS Taiwan Ltd.<br>Wireless Laboratory                                | TECT2404000266EV | 1 August 2024  |
|   | TECT2404000226EG | 18 June 2024   |
| SGS-CSTC Standards<br>Technical Services Co.,<br>Ltd. Shenzhen Branch | SZCR240400154201 | 1 August 2024  |

**Technical information**

Operating voltage: 3.87 Vdc from Rechargeable Li-ion Battery

Frequency band:  
WPT: 125 kHz

NFC: 13.56 MHz

Bluetooth / BLE: 2 402 – 2 480 MHz

WLAN: 802.11 b/g/n/ax: 2 412 – 2 472 MHz

WLAN: 802.11 a/n/ac/ax: 5 150 – 5 350, 5 470 – 5 725, 5 725 – 5 875 MHz

WLAN: 802.11 a/n/ac/ax: 5 945 – 6 425 MHz

GSM/GPRS 900: 880 – 915 MHz

GSM/GPRS 1800: 1 710 – 1 785 MHz

WCDMA/HSUPA/HSDPA/HSPA+: Band I: 1 920 – 1 980, 2 110 – 2 170 MHz

WCDMA/HSUPA/HSDPA/HSPA+: Band VIII: 880 – 915, 925 – 960 MHz

LTE Band 1: 1 920 – 1 980, 2 110 – 2 170 MHz

LTE Band 3: 1 710 – 1 785, 1 805 – 1 880 MHz

LTE Band 7: 2 500 – 2 570, 2 620 – 2 690 MHz

LTE Band 8: 880 – 915, 925 – 960 MHz

LTE Band 20: 832 – 862, 791 – 821 MHz

LTE Band 28: 703 – 736, 758 – 791 MHz

LTE Band 38: 2 570 – 2 620 MHz

LTE Band 40: 2 300 – 2 400 MHz

LTE Band 41: 2 500 – 2 690 MHz

LTE Band 42: 3 400 – 3 600 MHz

LTE Band 43: 3 600 – 3 800 MHz

LTE Band 68: 698 – 728, 753 – 783 MHz

NR Band n1: 1 920 – 1 980, 2 110 – 2 170 MHz

NR Band n 3: 1 710 – 1 785, 1 805 – 1 880 MHz

NR Band n 7: 2 500 – 2 570, 2 620 – 2 690 MHz

NR Band n 8: 880 – 915, 925 – 960 MHz

NR Band n 20: 832 – 862, 791 – 821 MHz

NR Band n 28: 703 – 736, 758 – 791 MHz

NR Band n 38: 2 570 – 2 620 MHz

NR Band n 40: 2 300 – 2 400 MHz

NR Band n 41: 2 500 – 2 690 MHz

NR Band n 77: 3 300 – 4 200 MHz

NR Band n 78: 3 300 – 3 800 MHz

GNSS: BDS B1I, BDS B1C, Galileo E1, GLONASS G1, GPS L1 C/A, GPS L1C, SBAS L1:  
1 559 – 1 610 MHz

GNSS: Galileo E5a, GPS L5, SBAS L5: 1 164 – 1 215 MHz

**Technical information**

Transmit power:  
 WPT: -19.18 dBμA/m@10m  
 NFC: -19.17 dBμA/m@10m  
 Bluetooth /BLE: 7.29 dBm / 8.99 dBm EIRP  
 2.4G WLAN 802.11 b/g/n/ax: 17.64 dBm EIRP  
 5G WLAN 802.11 a/n/ac/ax: 22.98 dBm EIRP  
 5.8G WLAN 802.11 a/n/ac/ax: 13.88 dBm EIRP  
 6G WLAN 802.11 a/n/ac/ax: 21.74 dBm EIRP  
 GSM/GPRS 900: 33 dBm  
 GSM/GPRS 1800: 30 dBm  
 WCDMA/HSUPA/HSDPA/HSPA+Band I: 24 dBm  
 WCDMA/HSUPA/HSDPA/HSPA+Band VIII: 24 dBm  
 LTE Band: 1, 3, 7, 8, 20, 28, 38, 40, 41, 42, 43, 68: 23 dBm  
 LTE ULCA Band: 3, 7, 8, 38, 40, 41, 42, 43: 23 dBm  
 NR Band: 1, 3, 7, 8, 20, 28, 38, 40, 41, 77, 78: 23 dBm  
 NR Band: 41, 77, 78: 26 dBm (HPUE)  
 Antenna type and gain: PIFA antenna  
 -4,37 dBi (Ch0), -7.78 dBi (Ch1) @ 2.4 GHz  
 2.06 dBi (Ch0), -2.72 dBi (Ch1) @ 5 GHz  
 0.68 dBi (Ch0), -2.72 dBi (Ch1) @ 6 GHz  
 Hardware version: EVT 1.1  
 Software version: 0UWW\_1\_240000

**Additional information**

This type examination certificate is based on the inspection of the technical documentation ref. no. TERF2404001156EF dated 2025-03-26 provided by the manufacturer.

This certificate cancels and supersedes certificate RED-3299 Issue 1 dated 2024-08-13 due to an addition of test report no. TERF2404000913ER.

This certificate is valid only for the models mentioned in this certificate.

The manufacturer must inform SGS Fimko if any technical or electrical changes made to the product covered by this certificate, as unauthorised modifications would invalidate this certificate.