## Notified Body
# Eurofins Electrical and Electronic Testing NA, Inc.

# EU-TYPE EXAMINATION CERTIFICATE

Registration Number: 4223-09-2025-250566

| | |
|---|---|
| Manufacturer: | Guangzhou Toksurvey Information Technology Co., Ltd<br>No.9 Caipin Road, Building B,Room 801-6, Huangpu District<br>Guangzhou, China |
| Product Description: | High Precision GNSS Receiver |
| Model Number/Name: | T40, T40Pro |

| **Essential Requirement(s)** | **Result** |
|---|---|
| Art. 3.1(a) Safety | Conform |
| Art. 3.1 (a) Health | Conform |
| Art. 3.1(b) EMC | Conform |
| Art. 3.2 Radio | Conform |

**Examination Result:**

Based on the reports provided and the information therein, the equipment referenced above is compliant to these specifications.

The scope of evaluation relates to the submitted documents only.

This Certificate is issued in accordance with Annex III, Module B, of the RE directive 2014/53/EU of 16 April 2014 and is only valid in conjunction with the attached Annex.

9/24/2025
Date

Signed By Harvey Hu
Notified Body

**For validation of this document's authenticity, please contact globalcertification@cpt.eurofinsus.com for verification.**

# Annex

**Product specification**

| | |
|---|---|
| Hardware version: | T86R-PCBA.1.1.250410 |
| Software version: | T86-FMW3.2.635.2507.2767 |
| Frequency Band(s): | GSM 900: 880 MHz to 915 MHz<br>GSM1800: 1710 MHz to 1785 MHz<br>WCDMA Band I: 1920 MHz to 19780 MHz<br>WCDMA Band VIII: 880 MHz to 915 MHz<br>LTE Band 1: 1920 MHz to 1980 MHz<br>LTE Band 3: 1710 MHz to 1785 MHz<br>LTE Band 7: 2500 MHz to 2570 MHz<br>LTE Band 8: 880 MHz to 915 MHz<br>LTE Band 20: 832 MHz to 862 MHz<br>LTE Band 28: 703 MHz to 748 MHz<br>LTE Band 38: 2570 MHz to 2620 MHz<br>LTE Band 40: 2305 MHz to 2400MHz<br>WLAN 802.11b/g/n20: 2412 MHz to 2472MHz<br>WLAN 802.11n40: 2422 MHz to 2462MHz<br>WLAN 802.11a/n20/n40/ac20/ac40/ac80: 5150 MHz to 5250 MHz<br>WLAN 802.11a/n20/n40/ac20/ac40/ac80: 5725 MHz to 5850 MHz<br>Bluetooth: 2402 MHz to 2480 MHz<br>GPS: 1575.42 MHz ± 1.023 MHz<br>BDS: 1561.098MHz<br>GLONASS: 1602 MHz<br>GALILEO: 1575.42 MHz<br>NFC: 13.56MHz |
| Transmit Power Range(s): | GSM 900: 30.08dBm<br>GSM1800: 27.50dBm<br>WCDMA Band I: 23.60dBm<br>WCDMA Band VIII: 23.63dBm<br>LTE Band 1: 23.79dBm<br>LTE Band 3: 23.97dBm<br>LTE Band 7: 23.67dBm<br>LTE Band 8: 23.60dBm<br>LTE Band 20: 24.10dBm<br>LTE Band 28: 25.57dBm<br>LTE Band 38: 24.87dBm<br>LTE Band 40: 23.61dBm<br>2.4GHz WLAN: 16.33dBm<br>5GHz WLAN: 16.95dBm<br>5.8GHz WLAN: 13.51dBm<br>Bluetooth: 7.00dBm<br>BLE: -1.17dBm |
| Modulation Type(s): | GSM: GMSK for GPRS; GMSK and 8PSK for EDGE<br>WCDMA: QPSK; HSDPA: QPSK/16QAM; HSUPA: BPSK<br>LTE: QPSK/16QAM<br>2.4G WLAN: 802.11b(DSSS): CCK, DQPSK, DBPSK |

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| | 802.11g(OFDM): BPSK, QPSK,16-QAM,64-QAM<br>802.11n(OFDM): BPSK, QPSK,16-QAM,64-QAM<br>5G WLAN: 802.11a/n(OFDM): BPSK, QPSK,16-QAM,64-QAM<br>802.11ac (OFDM): BPSK, QPSK,16-QAM,64-QAM,256-QAM<br>Bluetooth: BT(1Mbps): GFSK<br>BT EDR(2Mbps): π/4-DQPSK<br>BT EDR(3Mbps): 8DPSK<br>BLE: GFSK<br>GPS: BPSK<br>BDS: QPSK<br>GLONASS: FDMA<br>GALILEO: CBOC<br>NFC: ASK |
| Antenna type(s): | GSM/WCDMA/LTE: PCB Antenna, Gain(s): GSM 900: 1.1dBi, GSM1800: 1.1dBi; WCDMA: B1: 2.3dBi,<br>B8: 1.1dBi; LTE: B1: 2.3dBi; B3: 0.5dBi; B7: 1.7dBi; B8: 1.1dBi; B20: 1.1dBi; B28: 0.1dBi; B38: 1.5dBi;<br>B40: 2.8dBi<br>Bluetooth: PCB Antenna, Gain(s):1.4dBi;<br>WLAN: PCB Antenna, Gain(s): 2.4GHz: 1.4dBi; 5GHz: 2.4dBi<br>GNSS: PCB Antenna. |

## Technical Construction File (TCF) Details

*To demonstrate conformity with Article 3.1(a) Health*
Applied Standards
EN 50665: 2017
EN IEC 62311: 2020

| Report or Certificate No. | Issue Date | Issued by |
|---|---|---|
| LGT25H161HA01 | 09/12/2025 | Shenzhen LGT Test Service Co., Ltd. |

*To demonstrate conformity with Article 3.1(a) Safety*
Applied Standards
EN IEC 62368-1:2020+A11:2020

| Report or Certificate No. | Issue Date | Issued by |
|---|---|---|
| LGT25H161SA01 | 09/03/2025 | Shenzhen LGT Test Service Co., Ltd. |

*To demonstrate conformity with Article 3.1(b) EMC*
Applied Standards
EN 55032:2015+A11:2020+A1:2020
EN 55035:2017+A11:2020
EN IEC 61000-3-2:2019+A1:2021+A2:2024
EN 61000-3-3:2013+A1:2019+A2:2021
ETSI EN 301 489-1 V2.2.3 (2019-11)
ETSI EN 301 489-3 V2.3.2 (2023-01)
ETSI EN 301 489-17 V3.3.1 (2024-09)
ETSI EN 301 489-19 V2.2.1 (2022-09)
ETSI EN 301 489-52 V1.3.1 (2024-11)

| Report or Certificate No. | Issue Date | Issued by |
|---|---|---|

| | | |
|---|---|---|
| LGT25H161EM02 | 09/12/2025 | Shenzhen LGT Test Service Co., Ltd. |
| LGT25H161EM01 | 09/12/2025 | Shenzhen LGT Test Service Co., Ltd. |

*To demonstrate conformity with Article 3.2 Spectrum Efficiency*

Applied Standards

ETSI EN 300 328 V2.2.2 (2019-07)
ETSI EN 301 893 V2.1.1 (2017-05)
ETSI EN 300 330 V2.1.1 (2017-02)
ETSI EN 300 440 V2.2.1 (2018-07)
ETSI EN 301 511 V12.5.1 (2017-03)
ETSI TS 151 010-1 V13.11.0 (2020-02)
ETSI EN 301 908-1 V15.2.1 (2023-01)
ETSI EN 301 908-2 V13.1.1 (2020-06)
ETSI EN 301 908-13 V13.3.1 (2024-10)
ETSI EN 303 413 V1.2.1 (2021-04)

| Report or Certificate No. | Issue Date | Issued by |
|---|---|---|
| LGT25H161RF01 | 09/12/2025 | Shenzhen LGT Test Service Co., Ltd. |
| LGT25H161RF02 | 09/12/2025 | Shenzhen LGT Test Service Co., Ltd. |
| LGT25H161RF03 | 09/12/2025 | Shenzhen LGT Test Service Co., Ltd. |
| LGT25H161RF05 | 09/12/2025 | Shenzhen LGT Test Service Co., Ltd. |
| LGT25H161RF08 | 09/12/2025 | Shenzhen LGT Test Service Co., Ltd. |
| LGT25H161RF06 | 09/12/2025 | Shenzhen LGT Test Service Co., Ltd. |
| LGT25H161RF04 | 09/12/2025 | Shenzhen LGT Test Service Co., Ltd. |
| LGT25H161RF07 | 09/12/2025 | Shenzhen LGT Test Service Co., Ltd. |