Notified Body
Eurofins Electrical and Electronic Testing NA, Inc.

EU-TYPE EXAMINATION CERTIFICATE

Registration Number: 44007-05-2026-260251

Manufacturer:	Guangzhou Toksurvey Information Technology Co., Ltd No.9, Caipin Road, Building B, Room 801-6, Huangpu District, Guangzhou, China
Product Description:	High Precision GNSS Receiver
Model Number/Name:	T50, T50basic, T50Pro

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.

Jackson Yang

5/20/2026
Date

Signed By Jackson Yang
Notified Body

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

Annex

Product specification

Hardware version:	T86J-PCBA.1.2.250615
Software version:	T86-FMW3.2.635.2507.2767
Frequency Band(s):	GSM 900: 880 MHz to 915 MHz GSM1800: 1710 MHz to 1785 MHz WCDMA Band I: 1920 MHz to 1980 MHz WCDMA Band VIII: 880 MHz to 915 MHz LTE Band 1: 1920 MHz to 1980 MHz LTE Band 3: 1710 MHz to 1785 MHz LTE Band 7: 2500 MHz to 2570 MHz LTE Band 8: 880 MHz to 915 MHz LTE Band 20: 832 MHz to 862 MHz LTE Band 28: 703 MHz to 736 MHz LTE Band 38: 2570 MHz to 2620 MHz LTE Band 40: 2300 MHz to 2400 MHz WLAN 802.11b/g/n20: 2412 MHz to 2472MHz WLAN 802.11n40: 2422 MHz to 2462MHz WLAN 802.11a/n20/n40/ac20/ac40/ac80: 5150 MHz to 5250 MHz WLAN 802.11a/n20/n40/ac20/ac40/ac80: 5725 MHz to 5850 MHz Bluetooth: 2402 MHz to 2480 MHz GPS: 1575.42 MHz ± 1.023 MHz BDS: 1561.098MHz GLONASS: 1602 MHz GALILEO: 1575.42 MHz NFC: 13.56MHz
Transmit Power Range(s):	GSM 900: 30.33dBm GSM1800: 25.89dBm WCDMA Band I: 23.73dBm WCDMA Band VIII: 24.14dBm LTE Band 1: 24.25dBm LTE Band 3: 24.05dBm LTE Band 7: 23.21dBm LTE Band 8: 24.33dBm LTE Band 20: 24.19dBm LTE Band 28: 24.23dBm LTE Band 38: 23.80dBm LTE Band 40: 23.03dBm 2.4GHz WLAN: 17.88dBm 5GHz WLAN: 16.37dBm 5.8GHz WLAN: 13.61dBm Bluetooth: 6.66dBm BLE: -1.73dBm
Modulation Type(s):	GSM: GMSK for GPRS; GMSK and 8PSK for EDGE WCDMA: QPSK; HSDPA: QPSK/16QAM; HSUPA: BPSK LTE: QPSK/16QAM 2.4G WLAN: 802.11b(DSSS): CCK, DQPSK, DBPSK

	802.11g(OFDM): BPSK, QPSK,16-QAM,64-QAM 802.11n(OFDM): BPSK, QPSK,16-QAM,64-QAM 5G WLAN: 802.11a/n(OFDM): BPSK, QPSK,16-QAM,64-QAM 802.11ac (OFDM): BPSK, QPSK,16-QAM,64-QAM,256-QAM Bluetooth: BT(1Mbps): GFSK BT EDR(2Mbps): π/4-DQPSK BT EDR(3Mbps): 8DPSK BLE: GFSK GPS: BPSK BDS: QPSK GLONASS: FDMA GALILEO: CBOC NFC: ASK
Antenna type(s):	GSM/WCDMA/LTE: PCB Antenna, Gain(s): GSM 900: -1.19dBi, GSM1800: 2.24dBi; WCDMA: B1: -5.1dBi, B8: -1.19dBi; LTE: B1: -5.1dBi, B3: 2.24dBi, B7: 2.24dBi, B8: -1.19dBi, B20: -4.83dBi, B28: -4.83dBi, B38: -2.29dBi, B40: -1.48dBi; Bluetooth: PCB Antenna, Gain(s): 2.08dBi; WLAN: PCB Antenna, Gain(s): 2.4GHz: 2.08dBi, 5GHz: 2.51dBi, 5.8GHz: 2.51dBi; GNSS: PCB Antenna. NFC: Coil Antenna, Gain(s): 0dBi.

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
LGT26D042HA01	05/07/2026	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
LGT26D042SA01	05/08/2026	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
LGT26D042EM02	05/07/2026	Shenzhen LGT Test Service Co., Ltd.
LGT26D042EM01	05/07/2026	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
LGT26D042RF01	05/07/2026	Shenzhen LGT Test Service Co., Ltd.
LGT26D042RF02	05/07/2026	Shenzhen LGT Test Service Co., Ltd.
LGT26D042RF03	05/07/2026	Shenzhen LGT Test Service Co., Ltd.
LGT26D042RF05	05/07/2026	Shenzhen LGT Test Service Co., Ltd.
LGT26D042RF08	05/07/2026	Shenzhen LGT Test Service Co., Ltd.
LGT26D042RF06	05/07/2026	Shenzhen LGT Test Service Co., Ltd.
LGT26D042RF04	05/07/2026	Shenzhen LGT Test Service Co., Ltd.
LGT26D042RF07	05/07/2026	Shenzhen LGT Test Service Co., Ltd.