



**Number:** 242340080/AA/01  
**Issue Date:** 19 November 2024  
**Expiration Date:** -  
**Page** 1 of 6

## UKCA TYPE EXAMINATION CERTIFICATE (Module B)

In compliance with the procedure specified in M009, Kiwa Ltd. declares as approved body for UKCA 0558 for the Radio Equipment Regulations 2017, that the stated product, complies with the essential requirements, in accordance with part 2 (chapter 1) of Radio Equipment Regulations, as indicated under Annex 1 of this certificate, based on the applicable Technical Standards and Specifications as listed under Annex 2 of this Certificate.

Product description:	GNSS Tracker
Trademark:	Queclink
Type designation:	GV58CG
Hardware / Software version:	R203V1.03 / R01A06V21
Variants:	See Annex 3

### This certificate is granted to manufacturer:

Name:	Queclink Wireless Solutions Co., Ltd.
Address:	No.30, Lane 500, Xinlong Road, Minhang District Shanghai, China 201101
City:	Shanghai
Country:	China

This certificate remains valid as long as the stated product stays in compliance with the essential requirements of the Radio Equipment Regulations 2017.

This certificate has THREE Annexes.

Signed on behalf of Kiwa Ltd.  
(UK Approved Body Number 0558)

Gürhan Vural  
Product Assessor

# CERTIFICATE

**Kiwa Ltd.**  
Kiwa House  
Malvern View Business Park  
Stella Way  
Bishops Cleeve  
Cheltenham  
GL52 7DQ  
United Kingdom  
T +44 (0)1242 677877  
F +44 (0)1242 676506  
[www.kiwa.co.uk](http://www.kiwa.co.uk)

# UK CA



0217

**Chamber of commerce**  
3473056

# UKCA Type Examination Certificate (page 2 of 6)

Annex 1 to certificate 242340080/AA/01

---

## General Conditions

For each product to which this type examination relates, it has complied to the essential requirements as follows:

### Article 6.1

Radio equipment shall be constructed so as to ensure:

- C (a) the protection of health and safety of persons and of domestic animals and the protection of property, including the objectives with respect to safety requirements set out in the Electrical Equipment (Safety) Regulations 2016,
- C (b) an adequate level of electromagnetic compatibility as set out in the Electromagnetic Compatibility Regulations 2016.

### Article 6.2

- C Radio equipment must be constructed so that it both effectively uses and supports the efficient use of radio spectrum in order to avoid harmful interference.

## Legend

- C = Conform
- NC = Not Conform
- NA = Not applicable (for this equipment)
- NP = Not performed (in this statement)

# UKCA Type Examination Certificate (page 3 of 6)

Annex 1 to certificate 242340080/AA/01

---

- This UKCA-type examination certificate is limited to the Radio Equipment Regulations.
- This UKCA-type examination certificate is part of the Conformity Assessment procedure Modules B and C, as described in annex III of the Radio Equipment Regulations.
- The validity of this UKCA type examination certificate is limited to products, which are equal to the one(s) assessed for this type Examination.
- The manufacturer has to draw up and issue a self Declaration of Conformity, declaring that the product(s) described in this UKCA-type examination certificate, are in compliance with Radio Equipment Regulations 2017 and any other applicable harmonization legislation.
- Each product shall be identified by means of type, batch and/or serial numbers and the name of the manufacturer and/or importer.
- If the equipment is to be modified, Kiwa Ltd. shall be notified immediately. Depending on the modifications, Kiwa Ltd. may have additional examinations carried out in consultation with the applicant.
- Enforcement of a new amending regulation voids the validity of this UKCA-type examination certificate.
- In case any referenced standard in this UKCA-type examination certificate is withdrawn or superseded and the presumption of conformity with the essential requirements has ceased, investigation by Kiwa Ltd. is needed to determine the validity of this type examination.

## Remarks and observations

*The following conditions are applicable:*

AA/01:

1. Updated the model name and software version.
2. The length of the wiring harness of the accessory is changed from 0.5m to 1.5m, from 9 wires to 4 wires, and a 5A fuse is added inside. All the others are the exactly same.

# UKCA Type Examination Certificate (page 4 of 6)

Annex 2 to certificate 242340080/AA/01

---

## Documentation lodged for this type examination

### *Test Reports:*

- Kunshan Balun Communications Technology Co., Ltd.: BL-EC2290127-501, 20 September 2022
- Kunshan Balun Communications Technology Co., Ltd.: BL-EC2290127-502, 20 September 2022
- Kunshan Balun Communications Technology Co., Ltd.: BL-EC2290127-601, 20 September 2022
- Kunshan Balun Communications Technology Co., Ltd.: BL-EC2290127-602, 20 September 2022
- Shenzhen BALUN Technology Co.,Ltd.: BL-SZ2431272-501, 13 May 2024
- Shenzhen BALUN Technology Co.,Ltd.: BL-SZ2431272-502, 13 May 2024
- Shenzhen BALUN Technology Co.,Ltd.: BL-SZ2431272-601, 13 May 2024
- Shenzhen BALUN Technology Co.,Ltd.: BL-SZ2431272-602, 13 May 2024
- Shenzhen BALUN Technology Co.,Ltd.: BL-SZ2431272-401, 13 May 2024
- Shenzhen BALUN Technology Co.,Ltd.: BL-SZ2431272-701, 13 May 2024
- Shenzhen BALUN Technology Co.,Ltd.: BL-SZ2431272-101, 13 May 2024
- Shenzhen BALUN Technology Co.,Ltd.: BL-SZ24A0037-101, 11 November 2024
- Shenzhen BALUN Technology Co.,Ltd.: BL-SZ24A0037-401, 12 November 2024
- Shenzhen BALUN Technology Co.,Ltd.: BL-SZ24A0037-501, 12 November 2024
- Shenzhen BALUN Technology Co.,Ltd.: BL-SZ24A0037-502, 12 November 2024
- Shenzhen BALUN Technology Co.,Ltd.: BL-SZ24A0037-601, 12 November 2024
- Shenzhen BALUN Technology Co.,Ltd.: BL-SZ24A0037-602, 12 November 2024
- Shenzhen BALUN Technology Co.,Ltd.: BL-SZ24A0037-701, 12 November 2024

### *Product Documentation:*

- Assembly drawings
- Bill of materials
- Block diagram
- Electrical diagrams
- Internal photos
- External photos
- Manual
- Label and label placement
- Test setup photos
- Risk assessment
- Packaging information

## Technical Standards and Specifications

### *The product is compliant with:*

EN 303 413	April, 2021	V1.2.1
BS EN IEC 62311	Feb, 2020	
BS EN IEC 62368-1:2020 + A11:2020	March, 2020	
EN 300 328	July, 2019	V2.2.2
EN 301 489-1	November, 2019	V2.2.3
EN 301 489-17	September, 2024	V3.3.1
EN 301 489-19	September, 2022	V2.2.1
EN 301 489-52	November, 2021	V1.2.1
EN 301 511	March, 2017	V12.5.1
EN 301 908-1	January, 2023	V15.2.1
EN 301 908-1	May, 2011	V5.2.1
EN 301 908-13	February, 2022	V13.2.1
IEC 62368-1	October, 2018	Ed. 3.0

# UKCA Type Examination Certificate (page 5 of 6)

Annex 2 to certificate 242340080/AA/01

---

## Technical features and characteristics

*The product includes the following features and characteristics:*

### **GPS receiver**

- Operating frequency range: 1559-1610 MHz

### **GLONASS receiver**

- Operating frequency range: 1559-1610 MHz

### **BDS receiver**

- Operating frequency range: 1559-1610 MHz

### **Galileo receiver**

- Operating frequency range: 1559-1610 MHz

### **Bluetooth LE**

- Operating frequency range: 2402-2480 MHz (40 channels)  
- Maximum output power: 8.47 dBm EIRP average (calculated)  
- Maximum antenna gain: 3.4 dBi

### **GSM 900**

- Operating frequency range: 880-915, 925-960 MHz  
- Maximum output power: 33 dBm rated

### **GSM 1800**

- Operating frequency range: 1710-1785, 1805-1880 MHz  
- Maximum output power: 30 dBm rated

### **LTE FDD Band 1**

- Operating frequency range: 1920-1980, 2110-2170 MHz  
- Maximum output power: 23 dBm rated

### **LTE FDD Band 3**

- Operating frequency range: 1710-1785, 1805-1880 MHz  
- Maximum output power: 23 dBm rated

### **LTE FDD Band 7**

- Operating frequency range: 2500-2570, 2620-2690 MHz  
- Maximum output power: 23 dBm rated

### **LTE FDD Band 8**

- Operating frequency range: 880-915, 925-960 MHz  
- Maximum output power: 23 dBm rated

### **LTE FDD Band 20**

- Operating frequency range: 832-862, 791-821 MHz  
- Maximum output power: 23 dBm rated

### **LTE FDD Band 28**

- Operating frequency range: 703-748, 758-803 MHz  
- Maximum output power: 23 dBm rated

# UKCA Type Examination Certificate (page 6 of 6)

Annex 3 to certificate 242340080/AA/01

---

**The product as described in this type examination includes the following type designations:**

- Product description: GNSS Tracker  
- Trademark: Queclink  
- Type designation: GV58CG  
- Hardware version: R203V1.03  
- Software version: R01A06V21

- Product description: GNSS Tracker  
- Trademark: Queclink  
- Type designation: MTF-504  
- Hardware version: R203V1.03  
- Software version: R01A06V21

- Product description: GNSS Tracker  
- Trademark: Queclink  
- Type designation: GB104CG  
- Hardware version: R203V1.03  
- Software version: A01V12