

EU Type Examination Certificate

Certificate No: DK-RED003136 i01

Certificate Holder: Silicon Laboratories Finland Oy
Bertel Jungin Aukio 3
Alberga Business Park
02600 Espoo
FINLAND

Product Type: Short range device / SRD
Bluetooth Low Energy (LE), and Wi-Fi 802.11b/g/n/ax wireless
radio module

Model(s): SiW917Y1GA
SiW917Y1GN

We, TÜV SÜD DANMARK ApS, as Notified Body number 2443, have examined the technical documentation and supporting evidence for the above listed equipment and found it to comply with the requirements of Annex III Module B of Radio Equipment Directive 2014/53/EU in relation to the following essential requirements covered by the examination.

Essential Requirements: Article 3.1 (a) in respect of Health and Safety
Article 3.1 (b) in respect to EMC
Article 3.2 in respect to the use of the Radio Spectrum

This is based upon examination of the following Technical Data file. Please refer to the Annex for further technical details.

Technical Documentation: SiW917Y1GA, SiW917Y1GN

Valid from: 2024-09-24



(Thomas Twynam)

Total pages: Page 1 of 3

Annex to EU-Type Examination Certificate

1 Equipment Description

Bluetooth Low Energy (LE), and Wi-Fi 802.11b/g/n/ax wireless radio module

1.1 Models

	Model	Variant HW/SW Differences	HW Version	SW Version
Original	SiW917Y1GA	With integral antenna	1.0	Stack's "Connectivity Firmware" version 2.10.1.2.0.4 (WLAN)
Variant	SiW917Y1GN	With no integral antenna but RF pin for use with qualified antenna		Stack's "Connectivity Firmware" version 2.12.1.0.0.1 (BLE)

1.2 Supported Functions and Features

1.2.1 Non-radio features

Operating temperature range -40 to +85 °C

1.2.2 Radio features

Radio	Features	Operating Spectrum / Power	
Bluetooth V5.4	BLE only	2.402 – 2.480 GHz	8.8 dBm
IEEE 802.11b/g/n/ax	Adaptive, Wi-Fi 6	2.412 – 2.472 GHz	19.7 dBm

1.3 Accessories

None

2 Assessed Standards

Article 3.1(a)	Article 3.1(b)	Article 3.2
EN IEC 62368-1:2020+A11:2020 EN 62311:2008 EN 62479:2010	EN 301 489-1 V2.2.3 EN 301 489-17 V3.2.4 EN 61000-4-3:2006+A1:2008+ A2:2010 EN 61000-4-2:2009	EN 300 328 V2.2.2

3 Technical Documentation

3.1 Technical Documentation

Technical documentation and supporting evidence were examined and found to comply with the EU-type examination requirements in conjunction with Annex V requirements of the directive.

3.2 Declarations

Declaration of Conformity draft Modified 2024-09-16

3.3 Strategic Documentation

Risk Assessment Issued 2024-09-16

Annex to EU-Type Examination Certificate



3.4 Technical Compliance Documentation

3.4.1 Article 3.1(a)

071-75960833-000	Issued	2024-04-30
071-75960833-010	Issued	2024-08-27
75960833-08 Issue 01	Issued	2024-08-29

3.4.2 Article 3.1(b)

75960833-01 Issue 01	Issued	2024-06-10
75960833-12 Issue 01	Issued	2024-08-28

3.4.3 Article 3.2

75960833-02 Issue 02	Issued	2024-09-04
75960833-03 Issue 02	Issued	2024-09-05

4 Additional Information

Any equipment integrating this radio module is subject to all the requirements of the Radio Equipment Directive.

5 Conditions of Validity

None

Signature: 
(Thomas J. Twynam)

Date: 2024-09-24

On behalf of TÜV SÜD DANMARK ApS