

RED Declaration of Conformity (DoC)

We, Silicon Laboratories Finland Oy, a corporation branch and subsidiary of Silicon Laboratories Inc., validly organized and existing under the laws of Finland, having its principal place of business at Alberga Business Park, Bertel Jungin aukio 3, 02600 Espoo, Finland, hereby

declare under our sole responsibility that the Bluetooth Low Energy and 802.15.4 wireless radio modules with trademark of *Silicon Labs* and with model name(s) of

- **MGM240S22A** (Bluetooth Low Energy and 802.15.4)
- **BGM240S22A** (Bluetooth Low Energy only)

to which this declaration relates, conform with the essential and other relevant requirements of the EU's Radio Equipment Directive (RED) 2014/53/EU. The conformity is specifically, but not limitedly, supported by the compliance with the following harmonized standards and/or normative documents:

SAFETY of information and communication technology equipment (Article 3.1(a))

- EN 62368-1:2020 + A11:2020

RF EXPOSURE of low power electronic and electrical equipment (Article 3.1(a))

- EN 62311:2020

EMC for broadband data transmission systems (Article 3.1(b))

- EN 301 489-1 v2.2.3 (2019-11) and EN 301 489-17 v3.2.4 (2020-09)
 - Radiated Radio Frequency Electromagnetic Field Immunity, EN 61000-4-3:2006 + A1:2008 + A2:2010 / EN 61000-4-3:2020
 - Electrostatic Discharge Immunity, EN 61000-4-2:2009
 - Radiated Emission, Electromagnetic Field Measure, EN 55032:2015 + A11:2020, Class B

SPECTRUM for wideband transmission systems operating in the 2.4 GHz ISM band (Article 3.2)

- EN 300 328 v2.2.2 (2019-07)
 - RF output power
 - Power Spectral Density
 - Adaptivity
 - Occupied channel bandwidth
 - Transmitter unwanted spurious emissions in the out-of-band and spurious domains
 - Receiver spurious emissions
 - Receiver blocking

Supplementary information:

- A conformity assessment procedure, as set out in Annex III, Module B+C, has been applied with the involvement of a Notified Body, for the assessment of compliance with Articles 3.1(a), 3.1(b) and 3.2
 - Notified Body identification: Telefication B.V.
 - Notified Body designation number: 0560
 - Notified Body performed: Applicable Modules of Annex III: B+C
 - EU-Type Examination Certificate number: 222140513/AA/00
- Modules are compliant under the worst-case conditions described in the formal test reports. Due to modules being highly configurable, integrators are further responsible to ensure the compliance of their end-products by implementing the most suitable configuration and by further compliance testing.
- Technical Construction File held by: Silicon Laboratories Finland Oy

Place and date of issue (of this DoC): Espoo, 28 October 2022



Senior Contact: Tom Nordman
Job Title: Senior Marketing and Country Director
eMail: tom.nordman@silabs.com