

RE-D Declaration of Conformity (DoC)

We, Silicon Laboratories Finland Oy, a corporation branch 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 wireless radio modules with trademark of Silicon Labs and with model names of

BGM111A and BGM111E

to which this declaration relates, conform with the essential and other relevant requirements of the Radio Equipment Directive (RED) 2014/53/EU. Specifically, but not limited, to 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

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

- EN 301 489-1 v2.1.1 (2017-02) and EN 301 489-17 v3.1.1 (2017-02)
 - Radiated Radio Frequency Electromagnetic Field Immunity, EN 61000-4-3:2006 + A1:2008 + A2:2010
 - Electrostatic Discharge Immunity, EN 61000-4-2:2009

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

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

Supplementary information:

- Technical Construction File held by: Silicon Laboratories Finland Oy

Place and date of issue (of this DoC): Espoo, 18 December 2020



Senior Contact: Tom Nordman
Job Title: Marketing Director, IoT Products
eMail: tom.nordman@silabs.com