



## 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**

**BLE112-A and BLE112-E and BLE112-N**

**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

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

- EN 62479:2010 (Section 4, Route D – Consequently compliant to EN 62311:2008)

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

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

A blue ink handwritten signature, likely of Tom Nordman, written over a horizontal line.

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