



RE-D Declaration of Conformity (DoC)

We, Silicon Laboratories Finland Oy, a corporation 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

declare under our sole responsibility that the Bluetooth Low Energy modules

BGM13P22A and BGM13P22E and BGM13P32A and BGM13P32E and BGX13P22GA

to which this declaration relates, conform with the essential and other relevant requirements of the Radio Equipment Directive (RE-D) 2014/53/EU. Specifically, but not limited, to the following harmonised standards and/or normative documents:

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

- EN 60950-1:2006 + A11:2009 + A1:2010 + A12:2011 + A2:2013

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

- EN 62479:2010

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

- EN 301 489-1 v2.1.1
- EN 301 489-17 v3.1.1
 - Radiated RF-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 v2.1.1
 - 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:

- The modules must be appropriately configured by the integrator to operate within the power limits set by the standards. Configuration is based on the information in the publicly available test reports and is implemented according to the user manual and command reference that come with the firmware/software provided with the modules.
- A conformity assessment procedure as detailed in Annex III has been applied with the involvement of a Notified Body, for assessment against Articles; 3.1a, 3.1b and 3.2
 - Notified Body Involved: SGS Fimko Ltd., Number: 0598
 - Type Examination Certificate Number: RED-1168/A1 (01 November 2018)
- Technical file held by: Silicon Laboratories Finland Oy

Place and date of issue (of this DoC): Espoo, 01 November 2018

A handwritten signature in blue ink, appearing to read 'Tom Nordman', written over a horizontal line.

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