



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 product:

BGM111

to which this declaration relates, conforms 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

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 domain
 - Transmitter unwanted spurious emissions in the spurious domain
 - Receiver spurious emissions
 - Receiver blocking

Supplementary information:

Technical file held by: Silicon Laboratories Finland Oy

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