

TECHNICAL ACCEPTANCE CERTIFICATE

➤ Certificate No. A01725 ◀

Certificate Holder: **Silicon Laboratories Finland Oy**
Alberga Business Park, Bertel Jungin aukio 3
02600 espoo, Uusimaa, FINLAND

ISED Certification Number: **5123A-GM240S**

Type of Application: **New Family Certification**

Category: **Radio**

Device Type: **Modular Approval**

Hardware Ver. Id. Number(s) (HVIN): **MGM240S22A, BGM240S22A**

Product Marketing Name(s) (PMN): **Bluetooth Low Energy and 802.15.4 wireless radio module**

Firmware Ver. Id. Number(s) (FVIN): **Firmware version 4.0.x (Gecko SDK)**

Host Marketing Name(s) (HMN): **N/A**

Product Categories: **Other**

Standard(s)/Specification(s): **RSS-Gen, Issue 5, Issue Date: Apr 2018 (Amd 2, Feb 2021)
RSS-102, Issue 5, Issue Date: Mar 2015 (Amd 1, Feb 2021)
RSS-247, Issue 2, Issue Date: Feb 2017**

Please see Annex for Frequency Range, RF Power/Field Strength, Emission Designation(s) and Antenna Information.

Testing Laboratory: **Bureau Veritas CPS(H.K.) Ltd., Taoyuan Branch
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Company Number: 7450F / CABID: TW2021

Certification of equipment means only that the equipment has met the requirements of the above-noted specification. License applications, where applicable to use certified equipment, are acted on accordingly by the ISED issuing office and will depend on the existing radio environment, service and location of operation. This certificate is issued on condition that the holder complies and will continue to comply with the requirements and procedures issued by ISED. The equipment for which this certificate is issued shall not be manufactured, imported, distributed, leased, offered for sale or sold unless the equipment complies with the applicable technical specifications and procedures issued by ISED.

La certification du matériel signifie seulement que le matériel a satisfait aux exigences de la norme indiquée ci-dessus. Les demandes de licences nécessaires pour l'utilisation du matériel certifié sont traitées en conséquence par le bureau de délivrance d'ISDE et dépendent des conditions radio ambiantes, du service et de l'emplacement d'exploitation. Le présent certificat est délivré à la condition que le titulaire satisfasse et continue de satisfaire aux exigences et aux procédures d'ISDE. Le matériel à l'égard duquel le présent certificat est délivré ne doit pas être fabriqué, importé, distribué, loué, mis en vente ou vendu à moins d'être conforme aux procédures et aux spécifications techniques applicables publiées par ISDE.

I hereby attest that the subject equipment was tested and found in compliance with the above-noted specification.
J'atteste, par la présente, que le matériel a fait l'objet d'essai et a été jugé conforme à la spécification ci-dessus.

Authorized by:


Steve Cheng / Certification Manager
North American EMC Certification Services Inc.

Original Date of Issue: October 31, 2022

Revised Date of Issue: N/A

Frequency Range		Maximum RF Power / Field Strength	Emission Designation
Min (MHz)	Max (MHz)		
HVIN: MGM240S22A			
2402	2480	0.011 W Conducted	1M05F1D
2404	2478	0.011 W Conducted	2M03F1D
2405	2480	0.011 W Conducted	2M24G1D
HVIN: BGM240S22A			
2402	2480	0.011 W Conducted	1M05F1D
2404	2478	0.011 W Conducted	2M03F1D

Antenna Information:

Integral PCB Loop Antenna with 1.48dBi peak gain

External Dipole Antenna (via RF pin) with 2.8 dBi peak gain

Notes & Conditions:

Model (HVIN)	Product Specifications
MGM240S22A	Wireless protocols: BLE and 802.15.4
BGM240S22A	Wireless protocols: BLE 802.15.4 protocol is disabled via software in the factory for marketing differentiation.

Single modular approval for mobile RF exposure conditions or portable use when SAR exemption is applicable. Co-transmission of this module with other transmitters requires a separate evaluation. The host integrator must follow the integration instructions provided by the module manufacturer and ensure that the composite-system end product complies with the ISED requirements by a technical assessment or evaluation to the ISED rules. This certificate is valid only when the module is sold to OEM integrators and the OEM integrators are instructed to ensure that the end user has no manual instructions to remove or install the module.