



American Certification Body Inc.
6731 Whittier Ave, McLean, VA 22101

REF No. ► ATCB023303

TECHNICAL ACCEPTANCE CERTIFICATE

CERTIFICAT D'ACCEPTABILITÉ TECHNIQUE

CERTIFICATION No.
No. DE CERTIFICATION

► 5123A-13 (Modifications - C3PC)

ISSUED TO
DÉLIVRÉ À

► Silicon Laboratories Finland Oy
Alberga Business Park
Bertel Jungin aukio 3
02600 Espoo
Finland

TYPE OF EQUIPMENT
TYPE DE MATÉRIEL

► Spread Spectrum/Digital Device (2400-2483.5 MHz), Bluetooth Device,
Modular Approval

PRODUCT MARKETING NAME (PMN):
NOM DU PRODUIT MARKETING

► MGM13S

HARDWARE VERSION IDENTIFICATION NUMBER (HVIN):
MATÉRIEL NUMÉRO D'IDENTIFICATION DE VERSION

► MGM13S02A, MGM13S02N, MGM13S12A, MGM13S12N

FIRMWARE VERSION IDENTIFICATION NUMBER (FVIN):
FIRMWARE NUMÉRO D'IDENTIFICATION DE VERSION

► 2.6.x/6.4.x

FREQUENCY RANGE
BANDE DE FRÉQUENCES

► 2400 MHz to 2483.5 MHz
** See Annex 1 for Complete Detail **

EMISSION DESIGNATION, R.F. POWER RATING, AND ANTENNA
DESIGNATION D'ÉMISSION, PUISSANCE NOMINALE H.F., ET L'ANTENNE

► ** See Annex 1 for Complete Detail **

CERTIFIED TO :
CERTIFIÉ SELON LE :

SPECIFICATION / ISSUE
CAHIER DES CHARGES / ÉDITION

► ** See Annex 1 for Complete Detail **

TEST LABORATORY
LABORATOIRE D'ESSAI

► SGS Fimko Ltd.
Karakaarenkuga 4
Espoo, Finland FI-02610

SITE NUMBER ► 8708A-2
NUMÉRO DE SITE

Tel: +358 9 69 63 212, Fax: +358 9 69 63 261
email: jari.merikari@sgs.com

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 ISDE 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 of the radio standards specifications and procedures issued by ISDE. 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 ISDE.

I hereby attest that the subject equipment was tested and found in compliance with the above-noted specification.

ORIGINAL DATE OF ISSUE: November 20, 2018
REVISED DATE OF ISSUE: N/A

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 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.

J'atteste par la présente que le matériel a fait l'objet d'essai et jugé conforme à la spécification ci-dessus.

Michael F. Violette
Director



TECHNICAL ACCEPTANCE CERTIFICATE (ANNEX 1)

Technical Features and Characteristics

The device includes the following features and characteristics:

Models: MGM13S02A, MGM13S02N

RSS Standard		Frequency Band (MHz)	Modulation Method	Minimum RF Output Power Level (in Watts)	Maximum RF Output Power Level (in Watts)	Emission Designator
RSS #	Issue #					
RSS-247	2	2402 - 2480	BT – Low Energy	0.0000001 conducted	0.00646 conducted	1M05F1D
RSS-247	2	2405 - 2480	IEEE 802.15.4	0.0000001 conducted	0.01033 conducted	2M25G1D

Models: MGM13S12A, MGM13S12N

RSS Standard		Frequency Band (MHz)	Modulation Method	Minimum RF Output Power Level (in Watts)	Maximum RF Output Power Level (in Watts)	Emission Designator
RSS #	Issue #					
RSS-247	2	2402 - 2480	BT – Low Energy	0.0000001 conducted	0.07015 conducted	1M16F1D
RSS-247	2	2405 - 2480	IEEE 802.15.4	0.0000001 conducted	0.06887 conducted	2M25G1D

Models: MGM13S02A, MGM13S12A

ANTENNA INFORMATION	
ANTENNA DESCRIPTION	GAIN (dBi)
Internal chip antenna	1.0

Models: MGM13S02N, MGM13S12N

ANTENNA INFORMATION	
ANTENNA DESCRIPTION	GAIN (dBi)
External dipole	2.14

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