



## CANADIAN CERTIFICATION

April 15, 2024

Project Number: 12882-24  
IC: 20127-M404

Particle Industries, Inc.  
325 9th Street, San Francisco, CA 94103, United States Of America

Attention: Zach Supalla

Dear Particle Industries, Inc.:

We have reviewed the test report and related documents, and are pleased to advise this device meets our procedural and specification requirements for certification. The field offices have been notified.

The assigned ISED Canada certification number and the HVIN (Hardware Version Identification Number) must be shown on each equipment version. This certification identification information may be shown on the equipment HVIN identification plate or on a separate label that shall be indelible and tamper proof. The ISED Canada certification number shall be prefixed with the letters "IC:". Radio equipment is certified as described on the attached certification certificate.

Certificate(s) are attached for the following HVIN(s):  
M404

Please feel free to contact us if you have any questions or comments.

Sincerely,

TIMCO Engineering, Inc.

## CANADIAN CERTIFICATION TECHNICAL ACCEPTANCE CERTIFICATE

**Certification No.**

➤ **IC: 20127-M404**

**Issued To**

➤ Particle Industries, Inc.  
325 9th Street, San Francisco, CA  
94103, United States Of America

**Tested By**

➤ BV 7Layers Communication Technology (shenzhen) Co.,Ltd  
Company No.: 21771  
Room B37, Warehouse A5, No.3 Chiwan 4 th Road, Zhaoshang Street, Nanshan district, Shenzhen, P.R.C 518066  
+86 755 8869 6566;  
customerservice.sw@bureauveritas.com

➤ BUREAU VERITAS SHENZHEN CO., LTD (Dongguan Branch)  
Company No.: 21771  
No.96 Guantai Road, Houjie Town, Dongguan City, Guangdong 523942, P.R.C.  
+86-769 8998 2098;  
customerservice.sw@bureauveritas.com

**Type of Equipment**

- Cellular Network-Other portable device
- Wireless Local Area Network Device

**Type of Service**

- New Certification (Single)

**Hardware Version Identification Number (HVIN)**

- M404

**Firmware Version Identification Number (FVIN)**

- v5.5.2

**Product Marketing Name: (PMN)**

- M404

**Modular Approval Type**

- Modular Approval

**Host Marketing Name (HMN)**

- N/A

FREQUENCY RANGE	EMISSION DESIGNATIONS <small>NECESSARY BANDWIDTH &amp; EMISSION CLASSIFICATION</small>	R.F. POWER	ANTENNA INFO	ISED STANDARD/ ISSUE & DATE	
704-711MHz	1M42G7D	0.225 W	Fixed External 2.8dBi	RSS-130	Issue 2; Feb. 19
704-711MHz	1M42W7D	0.215 W	Fixed External 2.8dBi	RSS-130	Issue 2; Feb. 19
779.5-784.5MHz	1M22G7D	0.203 W	Fixed External 2.8dBi	RSS-130	Issue 2; Feb. 19
779.5-784.5MHz	1M22W7D	0.186 W	Fixed External 2.8dBi	RSS-130	Issue 2; Feb. 19
782MHz	1M48G7D	0.187 W	Fixed External 2.8dBi	RSS-130	Issue 2; Feb. 19
782MHz	1M48W7D	0.168 W	Fixed External 2.8dBi	RSS-130	Issue 2; Feb. 19
824.2-848.8MHz	244KGXW	2.070 W	Fixed External 2.8dBi	RSS-132	Issue 4; Jan. 23
824.2-848.8MHz	241KG7W	0.542 W	Fixed External 2.8dBi	RSS-132	Issue 4; Jan. 23
825.5-847.5MHz	1M13G7D	0.220 W	Fixed External 2.8dBi	RSS-132	Issue 4; Jan. 23
825.5-847.5MHz	1M13W7D	0.167 W	Fixed External 2.8dBi	RSS-132	Issue 4; Jan. 23
829-844MHz	1M44G7D	0.213 W	Fixed External 2.8dBi	RSS-132	Issue 4; Jan. 23
829-844MHz	1M44W7D	0.209 W	Fixed External 2.8dBi	RSS-132	Issue 4; Jan. 23
826.5-846.5MHz	1M21G7D	0.229 W	Fixed External 2.8dBi	RSS-132	Issue 4; Jan. 23
831.5-841.5MHz	1M86G7D	0.224 W	Fixed External 2.8dBi	RSS-132	Issue 4; Jan. 23
831.5-841.5MHz	1M86W7D	0.226 W	Fixed External 2.8dBi	RSS-132	Issue 4; Jan. 23
1850.2-1909.8MHz	248KGXW	1.888 W	Fixed External 5.3dBi	RSS-133	Issue 6; Jan. 18

1850.2-1909.8MHz	238KG7W	1.297 W	Fixed External 5.3dBi	RSS-133	Issue 6; Jan. 18
1850.7-1909.3MHz	1M11G7D	0.771 W	Fixed External 5.3dBi	RSS-133	Issue 6; Jan. 18
1850.7-1909.3MHz	1M11W7D	0.700 W	Fixed External 5.3dBi	RSS-133	Issue 6; Jan. 18
1852.5-1907.5MHz	1M23G7D	0.750 W	Fixed External 5.3dBi	RSS-133	Issue 6; Jan. 18
1855-1905MHz	1M58W7D	0.760 W	Fixed External 5.3dBi	RSS-133	Issue 6; Jan. 18
1860-1900MHz	4M12G7D	0.740 W	Fixed External 5.3dBi	RSS-133	Issue 6; Jan. 18
1860-1900MHz	4M12W7D	0.728 W	Fixed External 5.3dBi	RSS-133	Issue 6; Jan. 18
1852.5-1912.5MHz	1M23G7D	0.643 W	Fixed External 5.3dBi	RSS-133	Issue 6; Jan. 18
1852.5-1912.5MHz	1M23W7D	0.662 W	Fixed External 5.3dBi	RSS-133	Issue 6; Jan. 18
1860-1905MHz	4M44G7D	0.625 W	Fixed External 5.3dBi	RSS-133	Issue 6; Jan. 18
1860-1905MHz	4M44W7D	0.649 W	Fixed External 5.3dBi	RSS-133	Issue 6; Jan. 18
1711.5-1753.5MHz	1M13G7D	0.740 W	Fixed External 5.3dBi	RSS-139	Issue 4; Sep. 22
1712.5-1752.5MHz	1M23W7D	0.703 W	Fixed External 5.3dBi	RSS-139	Issue 4; Sep. 22
1720-1745MHz	4M32G7D	0.692 W	Fixed External 5.3dBi	RSS-139	Issue 4; Sep. 22
1720-1745MHz	4M32W7D	0.676 W	Fixed External 5.3dBi	RSS-139	Issue 4; Sep. 22
1715-1775MHz	1M76G7D	0.834 W	Fixed External 5.3dBi	RSS-139	Issue 4; Sep. 22
1717.5-1772.5MHz	2M61W7D	0.920 W	Fixed External 5.3dBi	RSS-139	Issue 4; Sep. 22
1720-1770MHz	4M04G7D	0.830 W	Fixed External 5.3dBi	RSS-139	Issue 4; Sep. 22
1720-1770MHz	4M04W7D	0.274 W	Fixed External 5.3dBi	RSS-139	Issue 4; Sep. 22
2402-2480MHz	2M06F1D	0.021 W	PCB 3dBi	RSS-247	Issue 3; Aug. 23
2412-2462MHz	15M0G1D	0.550 W	PCB 3dBi	RSS-247	Issue 3; Aug. 23
2412-2462MHz	16M8D1D	0.531 W	PCB 3dBi	RSS-247	Issue 3; Aug. 23
2412-2462MHz	17M9D1D	0.406 W	PCB 3dBi	RSS-247	Issue 3; Aug. 23
5180-5240MHz	16M8D1D	0.148 W	PCB 6.8dBi	RSS-247	Issue 3; Aug. 23
5190-5230MHz	36M0D1D	0.137 W	PCB 6.8dBi	RSS-247	Issue 3; Aug. 23
5270-5310MHz	36M2D1D	0.064 W	PCB 6.8dBi	RSS-247	Issue 3; Aug. 23
5510-5670MHz	36M8D1D	0.048 W	PCB 6.8dBi	RSS-247	Issue 3; Aug. 23
5745-5825MHz	20M8D1D	0.068 W	PCB 6.8dBi	RSS-247	Issue 3; Aug. 23
5755-5795MHz	39M8D1D	0.061 W	PCB 6.8dBi	RSS-247	Issue 3; Aug. 23

Note 1: This equipment also complies with RSS-102, Issue 5 (March 2015) and RSS-Gen, Issue 5 (April 2018).

Certification of equipment means only that the equipment has met the requirements of the above-noted specification. Licence 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 de l'équipement signifie uniquement que l'équipement a satisfait aux exigences de la spécification susmentionnée. Les demandes de licence, le cas échéant pour utiliser un équipement certifié, sont traitées en conséquence par le bureau émetteur d'ISED et dépendront de l'environnement radio, du service et du lieu d'exploitation existants. Ce certificat est délivré à condition que le titulaire se conforme et continuera de se conformer aux exigences et procédures émises par ISED. L'équipement pour lequel ce certificat est délivré ne doit pas être fabriqué, importé, distribué, loué, mis en vente ou vendu à moins que l'équipement ne soit conforme aux spécifications et procédures techniques applicables émises par ISED.

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

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

ISSUED UNDER THE AUTHORITY OF MINISTER OF INDUSTRY  
DÉLIVRÉ AVEC L'AUTORISATION DU MINISTRE DES INDUSTRIES



Bruno Clavier, General Manager

DATE: April 15, 2024