



## CANADIAN CERTIFICATION

February 20, 2023

Job Number: 6552-23  
Radio Cert. No.: IC: 20127-E404X

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 that this device meets our procedural and specification requirements for certification. The field offices have been notified.

The assigned certification number and the model number must be shown on each equipment model. This certification identification information may be shown on the equipment model identification plate or on a separate label that shall be indelible and tamper proof. The 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/ model(s):  
E404X

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-E404X

**Issued To**

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

**Tested By**

➤ BV 7Layers Communications Technology (Shenzhen) Co. Ltd.  
Company No.: 21771  
No. B102, Dazu Chuangxin Mansion, North of  
Beihuan Avenue, North Area, Hi-Tech  
Industrial Park, Nanshan  
District, Shenzhen, Guangdong, China, 518057.  
+86 755 8869 6566.  
customerservice.sw@bureauveritas.com

**Type of Equipment**

➤ Cellular Network-Other portable device

**Type of Service**

➤ New Certification (Single)

**Hardware Version Id Number (HVIN)**

➤ E404X

**Firmware Version Id Number (FVIN)**

➤ V4.0.0

**Product Marketing Name: (PMN)**

➤ E404X

**Host Marketing (HMN)**

➤ N/A

| FREQUENCY RANGE   | EMISSION DESIGNATIONS<br><small>NECESSARY BANDWIDTH &amp; EMISSION CLASSIFICATION</small> | R.F. POWER | ANTENNA INFO      | SPECIFICATION/ ISSUE & DATE |
|-------------------|---|------------|-------------------|-----------------------------|
| 829-844 MHz       | 1M13G7D   | 0.320 W    | Note 2            | RSS-132 Issue 3; Jan. 2013  |
| 829-844 MHz       | 968KW7D   | 0.313 W    | Note 2            | RSS-132 Issue 3; Jan. 2013  |
| 1860.0-1900.0 MHz | 1M12G7D   | 0.449 W    | Note 3            | RSS-133 Issue 6; Jan. 2018  |
| 1860.0-1900.0 MHz | 974KW7D   | 0.447 W    | Note 3            | RSS-133 Issue 6; Jan. 2018  |
| 1720.0-1745.0 MHz | 1M13G7D   | 0.439 W    | Note 3            | RSS-139 Issue 3; Jul. 2015  |
| 1720.0-1745.0 MHz | 974KW7D   | 0.437 W    | Note 3            | RSS-139 Issue 3; Jul. 2015  |
| 704-711 MHz       | 1M14G7D   | 0.176 W    | Note 2            | RSS-130 Issue 2; Feb. 2019  |
| 704-711 MHz       | 968KW7D   | 0.171 W    | Note 2            | RSS-130 Issue 2; Feb. 2019  |
| 779.5-784.5 MHz   | 1M13G7D   | 0.193 W    | Note 2            | RSS-130 Issue 2; Feb. 2019  |
| 782-782 MHz       | 1M13G7D   | 0.194 W    | Note 2            | RSS-130 Issue 2; Feb. 2019  |
| 2402-2480 MHz     | 2M02F1D   | 0.010 W    | External PCB;2dBi | RSS-247 Issue 2; Feb. 2017  |

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

Note 2: External (KIT), 2.46dBi; External (Taoglas), 1dBi.

Note 3: External (KIT), 3.86dBi; External (Taoglas), 3.5dBi



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.

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

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

DATE: February 20, 2023

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.

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

Bruno Clavier, General Manager