

**Certification  
Issued Under the Authority of the  
Federal Communications Commission  
By:**

**CETECOM Inc.  
411 Dixon Landing Road  
Milpitas, CA 95035**

**Date of Grant: 04/11/2023  
Application Dated: 04/07/2023**

**Particle Industries, Inc.  
325 9th St  
San Francisco, CA 94103**

**Attention: Zach Supalla , CEO**

**NOT TRANSFERABLE**

EQUIPMENT AUTHORIZATION is hereby issued to the named GRANTEE, and is VALID ONLY for the equipment identified hereon for use under the Commission's Rules and Regulations listed below.

**FCC IDENTIFIER:** 2AEMI-B404X  
**Name of Grantee:** Particle Industries, Inc.  
**Equipment Class:** PCS Licensed Transmitter  
**Notes:** B404X SoM  
**Modular Type:** Single Modular

<u>Grant Notes</u>	<u>FCC Rule Parts</u>	<u>Frequency Range (MHZ)</u>	<u>Output Watts</u>	<u>Frequency Tolerance</u>	<u>Emission Designator</u>
	24E	1850.0 - 1910.0	0.196	0.1 PM	1M12G7D
	27	1710.0 - 1755.0	0.213	0.1 PM	1M13G7D
	22H	824.0 - 849.0	0.203	0.1 PM	1M13G7D
	27	699.0 - 716.0	0.1995	0.1 PM	1M13G7D
	27	777.0 - 787.0	0.207	0.1 PM	1M13G7D

Power out is conducted. This device is certified for mobile and fixed application. End users and installers must be provided with antenna installation instructions and transmitter operating conditions for satisfying RF exposure compliance. The antennas used with this device must be installed to provide a minimum separation distance of 20 cm from all persons. Only those antennas approved in this filing may be used, or similar with equal or lesser gain. Operating configurations, antenna gain, including cable loss, must not exceed the gains documented in this filing for satisfying RF exposure compliance, as defined in 2.1091.

This device supports LTE CAT M1 feature only.

## **For FCC Approval**

The data has been uploaded to the FCC database and a certificate has been issued.

The FCC grant(s) are with immediate effect and are published on the FCC website at <https://apps.fcc.gov/oetcf/eas/reports/GenericSearch.cfm>

Please be aware that the FCC reserves the right to review any TCB grant within 30 days.

### **Info:**

Please be advised that the grantee shall make provisions to have production samples available for at least one year after the last production date and that the grantee may be requested to submit the equipment for post-market surveillance testing. These samples may be requested, at any time, by either the TCB or the FCC.