

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

**Bureau Veritas Consumer Products
Services, Inc.
775 Montague Expressway
Milpitas, CA 95035**

**Date of Grant: 09/23/2019
Application Dated: 09/23/2019**

**Particle Industries, Inc.
126 Post St, 4th floor
San Francisco, CA 94108**

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-B402
Name of Grantee: Particle Industries, Inc.
Equipment Class: PCS Licensed Transmitter
Notes: B Series B402
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>
	22H	824.7 - 848.3	0.316	1.0 PM	1M11G7D
	22H	824.7 - 848.3	0.316	1.0 PM	1M11W7D
	24E	1850.7 - 1909.3	0.302	1.0 PM	1M12G7D
	24E	1850.7 - 1909.3	0.302	1.0 PM	1M12W7D
	27	1710.7 - 1754.3	0.245	1.0 PM	1M24G7D
	27	1710.7 - 1754.3	0.245	1.0 PM	1M13W7D
	27	699.7 - 715.3	0.251	1.0 PM	1M11G7D
	27	699.7 - 715.3	0.269	1.0 PM	1M11W7D
	27	777.7 - 786.3	0.269	1.0 PM	1M13G7D
	27	777.7 - 786.3	0.275	1.0 PM	1M21W7D

Single Modular Approval. Power listed is the maximum ERP/EIRP power. Co-location of this module with other transmitters that operate simultaneously are required to be evaluated using the FCC multi-transmitter procedures. The host integrator must follow the integration instructions provided by the module manufacturer and ensure that the composite-system end product complies with the FCC requirements by a technical assessment or evaluation to the FCC rules and to KDB Publication 996369. The module antenna(s) must be installed to meet the RF exposure compliance separation distance of 20cm and any additional testing and authorization process as required. The module grantee is responsible for providing the documentation to the system integrator on restrictions of use, for continuing compliance of the module. The host integrator installing this module into their product must ensure that the final composite product complies with the FCC requirements by a technical assessment or evaluation to the FCC rules, including the transmitter operation and should refer to guidance in KDB 996369. Maximum permitted antenna gain: 3.5 dBi for Band 2, 4, 1 dBi for Band12 and 13.