

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: 06/09/2022

Application Dated: 06/09/2022

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-P2
Name of Grantee: Particle Industries, Inc.
Equipment Class: Unlicensed National Information Infrastructure TX
Notes: Wi-Fi Module
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>
CC	15E	5180.0 - 5240.0	0.081283		
CC ND	15E	5260.0 - 5320.0	0.081658		
CC ND	15E	5500.0 - 5700.0	0.097949		
CC	15E	5745.0 - 5825.0	0.091411		

RF output power is conducted. Device contains 20 and 40 MHz signal bandwidth. Operations in the 5.15-5.25GHz band are restricted to indoor usage only. Modular approval. Co-location of this module with other transmitters that operate simultaneously are required to be evaluated using the FCC multiple 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.

CC: This device is certified pursuant to two different Part 15 rules sections.

ND: This UNII device complies with the Transmit Power Control (TPC) and Dynamic Frequency Selection (DFS) requirements in Section 15.407(h).