

TCB

GRANT OF EQUIPMENT AUTHORIZATION

TCB

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

Timco Engineering, Inc. 849 NW State Road 45 Newberry, FL 32669

Date of Grant: 04/07/2024 Application Dated: 04/07/2024

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-M404 Name of Grantee: Particle Industries, Inc. Equipment Class: PCS Licensed Transmitter Notes: M SoM Modular Type: Single Modular

Table with columns: Grant Notes, FCC Rule Parts, Frequency Range (MHZ), Output Watts, Frequency Tolerance, Emission Designator. Contains 24 rows of technical specifications.

27	1720.0 - 1770.0	0.743	0.00945 PM	1M12G7D
27	1720.0 - 1770.0	0.735	0.00954 PM	966KW7D
90	819.0 - 819.0	0.217	0.00947 PM	1M11G7D
90	819.0 - 819.0	0.216	0.00954 PM	962KW7D

Output Power is EIRP and ERP for above and below 1 GHz, respectively, except for Part 90 LTE Band 26 emissions, which are conducted. Single Modular Approval for mobile RF Exposure condition. The module antenna(s) must be installed to meet the RF exposure compliance separation distance of 20 cm from all persons and any additional testing and authorization process as required. Co-location of this module with other transmitters that operate simultaneously are required to be evaluated using the FCC multi-transmitter procedures. Approved for OEM integration only. The grantee must provide OEM integrators, or end-users if marketed directly to end-users, with installation and operating instructions for satisfying FCC multi-transmitter product guidelines. This grant is valid only when the device is sold to OEM integrators and the OEM integrators are instructed to ensure that the end-user has no manual instructions to remove or install the device. This device supports LTE Cat M1 (eMTC) FDD LTE Bands 2, 4, 5, 12, 13, 25, 26 and 66. This device contains functions that are not operational in U.S. Territories; this filing is applicable only for U.S. operations.