

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

**ACB, Inc.
313 Park Avenue Suite 300
Falls Church, VA 22046**

Date of Grant: 10/20/2022

Application Dated: 10/18/2022

**Sierra Wireless Inc.
13811 Wireless Way
Richmond, BC, V6V 3A4
Canada**

Attention: Ying Wang , Director, Regulatory Compliance

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: N7NHL78C
Name of Grantee: Sierra Wireless Inc.
Equipment Class: PCS Licensed Transmitter
Notes: Radio 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>
BC	24E	1850.0 - 1910.0	0.237	0.001 PM	1M12G7D
BC	24E	1850.0 - 1910.0	0.226	0.001 PM	1M00W7D
BC	24E	1850.0 - 1910.0	0.254	0.0019 PM	101KG7D
BC	24E	1850.0 - 1910.0	0.252	0.0019 PM	193KG7D
BC	27	1710.0 - 1755.0	0.267	0.001 PM	1M12G7D
BC	27	1710.0 - 1755.0	0.249	0.001 PM	1M00W7D
BC	27	1710.0 - 1755.0	0.257	0.002 PM	101KG7D
BC	27	1710.0 - 1755.0	0.258	0.002 PM	192KG7D
BC	22H	824.0 - 849.0	0.252	0.0044 PM	193KG7D
BC	27	699.0 - 716.0	0.239	0.0037 PM	1M12G7D
BC	27	699.0 - 716.0	0.254	0.0037 PM	1M00W7D
BC	27	699.0 - 716.0	0.234	0.0037 PM	1M01W7D
BC	27	699.0 - 716.0	0.248	0.0053 PM	103KG7D
BC	27	699.0 - 716.0	0.247	0.0053 PM	192KG7D
BC	27	777.0 - 787.0	0.228	0.0027 PM	1M11G7D
BC	27	777.0 - 787.0	0.231	0.0027 PM	971KW7D
BC	27	777.0 - 787.0	0.242	0.0044 PM	192KG7D
BC	24E	1850.0 - 1915.0	0.236	0.001 PM	1M11G7D
BC	24E	1850.0 - 1915.0	0.23	0.001 PM	1M11G7D
BC	24E	1850.0 - 1915.0	0.231	0.001 PM	996KW7D
BC	24E	1850.0 - 1915.0	0.254	0.0019 PM	192KG7D
BC	27	1710.0 - 1780.0	0.269	0.0013 PM	1M11G7D

BC	27	1710.0 - 1780.0	0.244	0.0013	PM	1M11G7D
BC	27	1710.0 - 1780.0	0.246	0.0013	PM	1M00W7D
BC	27	1710.0 - 1780.0	0.248	0.0019	PM	195KG7D
BC	22H	824.2 - 848.8	0.94	0.0182	PM	240KGXW
BC	24E	1850.2 - 1909.8	1.531	0.0076	PM	239KGXW
BC	22H	824.0 - 849.0	0.259	0.0027	PM	1M12G7D
BC	22H	824.0 - 849.0	0.242	0.0027	PM	1M01W7D
BC	90	814.0 - 824.0	0.25	0.0022	PM	1M11W7D
BC	90	814.0 - 824.0	0.238	0.0022	PM	1M11W7D
BC	90	814.0 - 824.0	0.24	0.0022	PM	964KW7D
BC	90	814.0 - 824.0	0.232	0.0022	PM	972KW7D
BC	90	814.0 - 824.0	0.25	0.0048	PM	192KG7D
BC	27	897.5 - 900.5	0.242	0.004	PM	1M09G7D
BC	27	897.5 - 900.5	0.178	0.004	PM	949KW7D
BC	27	897.5 - 900.5	0.264	0.003	PM	38K8G7D
BC	27	897.5 - 900.5	0.242	0.003	PM	74K0G7D
BC	27	897.5 - 900.5	0.268	0.003	PM	39K6G7D
BC	27	897.5 - 900.5	0.238	0.003	PM	192KG7D
BC	27	698.0 - 716.0	0.239	0.003	PM	1M09G7D
BC	27	698.0 - 716.0	0.238	0.003	PM	959KW7D
BC	27	698.0 - 716.0	0.259	0.006	PM	39K0G7D
BC	27	698.0 - 716.0	0.201	0.006	PM	74K0G7D
BC	27	698.0 - 716.0	0.261	0.006	PM	40K1G7D
BC	27	698.0 - 716.0	0.197	0.006	PM	192KG7D

Power out is conducted at the antenna terminal. Single Modular Approval.

RF exposure compliance is addressed for 1.1310 and 2.1091 MPE limits - this filing complies with KDB 447498 and is approved for mobile/fixed operation. Installers and end-users must be provided with transmitter installation and operation conditions for satisfying RF exposure compliance. The antenna used for this transmitter must not transmit simultaneously with any other antenna or transmitter, except in accordance with FCC multi-transmitter product procedures as documented in this filing. For mobile operating configurations the antenna gain, including cable loss, must not exceed the gains documented in this filing for satisfying RF exposure compliance, as defined in 2.1091. Under no conditions may an antenna gain be used that would exceed the ERP and/or EIRP power limits as specified in Parts 22/24/27/90. Grantee must coordinate with OEM integrator to determine applicable host configurations to ensure RF exposure compliance, including simultaneous transmission SAR requirements according to KDB publications. When all conditions of this filing cannot be met installation of this device into specific final products may require the submission of a permissive change application, containing appropriate data demonstrating compliance, or a new application. This module can only be used with a host antenna circuit trace layout design in strict compliance with the OEM instructions provided.

BC: The output power is continuously variable from the value listed in this entry to 5%-10% of the value listed.