

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

ACB, Inc.
6731 Whittier Avenue Suite C110
McLean, VA 22101

Date of Grant: 02/05/2020
Application Dated: 02/05/2020

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

Attention: Ying Wang , Sr. Manager, 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: N7NRC76B
Name of Grantee: Sierra Wireless Inc.
Equipment Class: PCS Licensed Transmitter
Notes: Radio Module
Modular Type: Single Modular

Grant Notes	FCC Rule Parts	Frequency Range (MHZ)	Output Watts	Frequency Tolerance	Emission Designator
BC	24E	1850.0 - 1910.0	0.229	2.5 PM	8M93G7D
BC	24E	1850.0 - 1910.0	0.222	2.5 PM	17M8G7D
BC	24E	1850.0 - 1910.0	0.202	2.5 PM	17M9W7D
BC	27	1710.0 - 1755.0	0.214	2.5 PM	1M10G7D
BC	27	1710.0 - 1755.0	0.211	2.5 PM	17M8G7D
BC	27	1710.0 - 1755.0	0.189	2.5 PM	17M8W7D
BC	22H	824.0 - 849.0	0.228	2.5 PM	8M93G7D
BC	22H	824.0 - 849.0	0.199	2.5 PM	4M48W7D
BC	22H	824.0 - 849.0	0.18	2.5 PM	8M93W7D
BC	27	699.0 - 714.0	0.215	2.5 PM	2M69G7D
BC	27	699.0 - 714.0	0.213	2.5 PM	8M94G7D
BC	27	699.0 - 714.0	0.193	2.5 PM	8M96W7D
BC	27	777.0 - 787.0	0.217	2.5 PM	8M91G7D
BC	27	777.0 - 787.0	0.189	2.5 PM	4M47W7D
BC	27	777.0 - 787.0	0.179	2.5 PM	8M90W7D
BC	90	788.0 - 798.0	0.181	2.5 PM	4M51G7D
BC	90	788.0 - 798.0	0.177	2.5 PM	8M98G7D
BC	90	788.0 - 798.0	0.138	2.5 PM	8M96W7D
BC	24E	1850.0 - 1915.0	0.229	2.5 PM	8M94G7D
BC	24E	1850.0 - 1915.0	0.225	2.5 PM	17M9G7D
BC	24E	1850.0 - 1915.0	0.196	2.5 PM	4M48W7D
BC	24E	1850.0 - 1915.0	0.194	2.5 PM	17M9W7D
BC	22H	824.0 - 849.0	0.236	2.5 PM	8M92G7D
BC	22H	824.0 - 849.0	0.217	2.5 PM	13M4G7D
BC	22H	824.0 - 849.0	0.194	2.5 PM	8M93W7D
BC	22H	824.0 - 849.0	0.181	2.5 PM	13M4W7D
BC	90	814.0 - 824.0	0.232	2.5 PM	1M11G7D
BC	90	814.0 - 824.0	0.228	2.5 PM	8M92G7D
BC	90	814.0 - 824.0	0.182	2.5 PM	4M48W7D
BC	90	814.0 - 824.0	0.177	2.5 PM	8M92W7D
BC	27	1710.0 - 1780.0	0.215	2.5 PM	1M10G7D
BC	27	1710.0 - 1780.0	0.206	2.5 PM	17M8G7D
BC	27	1710.0 - 1780.0	0.181	2.5 PM	17M8W7D
BC	27	663.0 - 698.0	0.221	2.5 PM	8M93G7D
BC	27	663.0 - 698.0	0.219	2.5 PM	17M9G7D
BC	27	663.0 - 698.0	0.193	2.5 PM	17M8W7D

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

This device is to be used only for mobile and fixed application; and must not be co-located or operating in conjunction with any other antenna or transmitter, except in accordance with FCC multi-transmitter evaluation procedures as documented in this filing. End-users and installers must be provided with antenna installation instructions and transmitter operating conditions for satisfying RF exposure compliance. OEM integrators must insure that the end user has no manual instructions to remove or install this module. For mobile operating configurations the antenna gain, including cable loss, must not exceed the gains documented in this filing for, as defined in 2.1091 for satisfying RF exposure compliance. Under no conditions may an antenna gain be used that would exceed the ERP and/or EIRP power limits as specified in Part 22/24/27/90. The Grantee is responsible for providing the documentation required for modular use. This module can only be used with a host antenna circuit trace layout design in strict compliance with the OEM instructions provided.

This device has 1.4 MHz, 3 MHz, 5 MHz, 10 MHz, 15 MHz and 20 MHz bandwidth modes for LTE Bands 2/4/25/66; 1.4 MHz, 3 MHz, 5 MHz and 10 MHz bandwidth modes for LTE Bands 5/12; 1.4 MHz, 3 MHz, 5 MHz, 10 MHz and 15 MHz bandwidth modes for LTE Band 26 (824-849 MHz, up to 10 MHz only for 814-824 MHz); 5 MHz and 10 MHz bandwidth modes for LTE Bands 13/14; 5 MHz, 10MHz, 15 MHz and 20 MHz bandwidth modes for LTE Bands 71.

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