

TCB

**GRANT OF EQUIPMENT
AUTHORIZATION**

TCB

Certification

**Issued Under the Authority of the
Federal Communications Commission**

By:

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

Date of Grant: 07/28/2015

Application Dated: 07/27/2015

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

Attention: Ying Wang , 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: N7NEM7455
Name of Grantee: Sierra Wireless Inc.
Equipment Class: PCS Licensed Transmitter
Notes: Radio Module

<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	22H	824.0 - 849.0	0.224	2.5 PM	4M14G7D
BC	27	1710.0 - 1755.0	0.221	2.5 PM	4M14G7D
BC	24E	1850.0 - 1910.0	0.231	2.5 PM	4M14G7D
BC	27	699.0 - 716.0	0.248	2.5 PM	8M91G7D
BC	27	699.0 - 716.0	0.215	2.5 PM	8M91W7D
BC	27	777.0 - 787.0	0.247	2.5 PM	8M91G7D
BC	27	777.0 - 787.0	0.227	2.5 PM	8M88W7D
BC	90	814.0 - 824.0	0.242	2.5 PM	1M08G7D
BC	90	814.0 - 824.0	0.212	2.5 PM	2M69W7D
BC	90	814.0 - 824.0	0.136	2.5 PM	13M5W7D
BC	22H	824.0 - 849.0	0.25	2.5 PM	8M94G7D
BC	22H	824.0 - 849.0	0.188	2.5 PM	13M4G7D
BC	22H	824.0 - 849.0	0.24	2.5 PM	1M08W7D
BC	22H	824.0 - 849.0	0.144	2.5 PM	13M5W7D
BC	27	1710.0 - 1755.0	0.251	2.5 PM	13M4G7D
BC	27	1710.0 - 1755.0	0.186	2.5 PM	17M9G7D
BC	27	1710.0 - 1755.0	0.234	2.5 PM	13M4W7D
BC	27	1710.0 - 1755.0	0.145	2.5 PM	17M8W7D
BC	24E	1850.0 - 1915.0	0.251	2.5 PM	8M49G7D
BC	24E	1850.0 - 1915.0	0.248	2.5 PM	17M9G7D
BC	24E	1850.0 - 1915.0	0.227	2.5 PM	17M9W7D
BC	27	2305.0 - 2315.0	0.197	2.5 PM	4M47G7D
BC	27	2305.0 - 2315.0	0.191	2.5 PM	8M94G7D

BC	27	2305.0 - 2315.0	0.175	2.5 PM	8M91W7D
BC	27	2496.0 - 2690.0	0.197	2.5 PM	17M8G7D
BC	27	2496.0 - 2690.0	0.171	2.5 PM	8M91W7D
BC	27	2496.0 - 2690.0	0.109	2.5 PM	17M8W7D
BC	27	2500.0 - 2570.0	0.196	2.5 PM	8M91G7D
BC	27	2500.0 - 2570.0	0.133	2.5 PM	17M9G7D
BC	27	2500.0 - 2570.0	0.167	2.5 PM	8M91W7D
BC	27	2500.0 - 2570.0	0.105	2.5 PM	17M9W7D

Single Modular Approval. Power out listed is conducted at the antenna terminal. 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 must be provided with transmitter operation 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 and fixed operating configurations the antenna gain, including cable loss, must not exceed 6 dBi at 700 MHz, 850 MHz, 1700 MHz and 1900 MHz; 9 dBi at 2500/2600 MHz; and 1 dBi at 2300 MHz, 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 EIRP power limits as specified in Parts 22, 24 and 27. The Grantee is responsible for providing the documentation required for modular use.

This device has 5 MHz and 10 MHz bandwidth modes for LTE Bands 13 and 30 (700/2300 MHz); 1.4 MHz, 3 MHz, 5 MHz and 10 MHz bandwidth modes for LTE Bands 5 and 12 (850/700 MHz); 1.4 MHz, 3 MHz, 5 MHz, 10 MHz and 15 MHz modes for LTE Band 26 (850 MHz); 1.4 MHz, 3 MHz, 5 MHz, 10 MHz, 15 MHz and 20 MHz bandwidth modes for LTE Bands 2, 25 and 4 (1900 and 1700 MHz); 5 MHz, 10 MHz, 15 MHz and 20 MHz bandwidth modes for LTE Bands 7 and 41 (2500/2600 MHz).

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