

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

**SIEMIC, Inc.  
775 Montague Expressway  
Milpitas, CA 95035**

**Date of Grant: 06/06/2019  
Application Dated: 06/06/2019**

**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:** N7NHL78  
**Name of Grantee:** Sierra Wireless Inc.  
**Equipment Class:** PCS Licensed Transmitter  
**Notes:** Embedded 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>
	24E	1850.7 - 1909.3	0.261	4.0 PM	1M09G7D
	24E	1850.7 - 1909.3	0.155	4.0 PM	913KD7W
	24E	1851.5 - 1908.5	0.201	0.002 PM	1M08G7D
	24E	1851.5 - 1908.5	0.151	0.002 PM	918KD7W
	24E	1852.5 - 1907.5	0.195	0.002 PM	1M08G7D
	24E	1852.5 - 1907.5	0.167	0.002 PM	915KD7W
	24E	1855.0 - 1905.0	0.2	0.002 PM	1M09G7D
	24E	1855.0 - 1905.0	0.205	0.002 PM	916KD7W
	24E	1857.5 - 1902.5	0.201	0.002 PM	1M09G7D
	24E	1857.5 - 1902.5	0.208	0.002 PM	915KD7W
	24E	1860.0 - 1900.0	0.2	0.002 PM	1M09G7D
	24E	1860.0 - 1900.0	0.206	0.002 PM	916KD7W
	24E	1850.7 - 1914.3	0.282	0.002 PM	1M09G7D
	24E	1850.7 - 1914.3	0.165	0.002 PM	917KD7W
	24E	1851.5 - 1913.5	0.213	0.002 PM	1M08G7D
	24E	1851.5 - 1913.5	0.143	0.002 PM	923KD7W
	24E	1852.5 - 1912.5	0.209	0.002 PM	1M09G7D
	24E	1852.5 - 1912.5	0.207	0.002 PM	915KD7W
	24E	1855.0 - 1910.0	0.218	0.002 PM	1M09G7D
	24E	1855.0 - 1910.0	0.212	0.002 PM	914KD7W
	24E	1857.5 - 1907.5	0.208	0.002 PM	1M09G7D
	24E	1857.5 - 1907.5	0.207	0.002 PM	911KD7W
	24E	1860.0 - 1905.0	0.215	0.002 PM	1M09G7D
	24E	1860.0 - 1905.0	0.214	0.002 PM	916KD7W
	24E	1850.1 - 1909.9	0.187	0.002 PM	60K9G7D

24E	1850.1 - 1909.9	0.206	0.002 PM	193KG7D
24E	1850.1 - 1914.9	0.204	0.002 PM	57K8G7D
24E	1850.1 - 1914.9	0.207	0.002 PM	192KG7D
22H	824.7 - 848.3	0.25	0.005 PM	1M09G7D
22H	824.7 - 848.3	0.142	0.005 PM	915KD7W
22H	825.5 - 847.5	0.194	0.005 PM	1M09G7D
22H	825.5 - 847.5	0.196	0.005 PM	917KD7W
22H	826.5 - 846.5	0.195	0.005 PM	1M08G7D
22H	826.5 - 846.5	0.191	0.005 PM	915KD7W
22H	829.0 - 844.0	0.197	0.005 PM	1M09G7D
22H	829.0 - 844.0	0.198	0.005 PM	914KD7W
22H	824.7 - 848.3	0.239	0.005 PM	1M09G7D
22H	824.7 - 848.3	0.216	0.005 PM	914KD7W
22H	825.5 - 847.5	0.226	0.005 PM	1M09G7D
22H	825.5 - 847.5	0.224	0.005 PM	918KD7W
22H	826.5 - 846.5	0.226	0.005 PM	1M08G7D
22H	826.5 - 846.5	0.224	0.005 PM	911KD7W
22H	829.0 - 844.0	0.225	0.005 PM	1M09G7D
22H	829.0 - 844.0	0.224	0.005 PM	914KD7W
22H	831.5 - 841.5	0.225	0.005 PM	1M09G7D
22H	831.5 - 841.5	0.222	0.005 PM	924KD7W
22H	824.1 - 848.9	0.228	0.005 PM	56K9G7D
22H	824.1 - 848.9	0.237	0.005 PM	191KG7D
22H	824.1 - 848.9	0.212	0.005 PM	53K6G7D
22H	824.1 - 848.9	0.213	0.005 PM	190KG7D
27	1710.7 - 1754.3	0.256	0.002 PM	1M09G7D
27	1710.7 - 1754.3	0.146	0.002 PM	915KD7W
27	1711.5 - 1753.5	0.196	0.002 PM	1M09G7D
27	1711.5 - 1753.5	0.194	0.002 PM	922KD7W
27	1712.5 - 1752.5	0.199	0.002 PM	1M09G7D
27	1712.5 - 1752.5	0.208	0.002 PM	921KD7W
27	1715.0 - 1750.0	0.199	0.002 PM	1M09G7D
27	1715.0 - 1750.0	0.202	0.002 PM	921KD7W
27	1717.5 - 1747.5	0.2	0.002 PM	1M09G7D
27	1717.5 - 1747.5	0.201	0.002 PM	918KD7W
27	1720.0 - 1745.0	0.2	0.002 PM	1M09G7D
27	1720.0 - 1745.0	0.202	0.002 PM	916KD7W
27	699.7 - 715.3	0.264	0.006 PM	1M09G7D
27	699.7 - 715.3	0.24	0.006 PM	913KD7W
27	700.5 - 714.5	0.243	0.006 PM	1M09G7D
27	700.5 - 714.5	0.194	0.006 PM	918KD7W
27	701.5 - 713.5	0.2	0.006 PM	1M08G7D
27	701.5 - 713.5	0.207	0.006 PM	919KD7W
27	704.0 - 711.0	0.205	0.006 PM	1M09G7D
27	704.0 - 711.0	0.205	0.006 PM	915KD7W
27	779.5 - 784.5	0.233	0.005 PM	1M09G7D
27	779.5 - 784.5	0.197	0.005 PM	917KD7W
27	782.0 - 782.0	0.212	0.005 PM	1M09G7D
27	782.0 - 782.0	0.208	0.005 PM	912KD7W
27	706.5 - 713.5	0.239	0.005 PM	1M09G7D
27	706.5 - 713.5	0.201	0.005 PM	924KD7W
27	709.0 - 711.0	0.236	0.005 PM	1M09G7D
27	709.0 - 711.0	0.222	0.005 PM	916KD7W
27	1710.7 - 1779.3	0.231	0.002 PM	1M09G7D

	27	1710.7 - 1779.3	0.22	0.002 PM	917KD7W
	27	1711.5 - 1778.5	0.215	0.002 PM	1M08G7D
	27	1711.5 - 1778.5	0.206	0.002 PM	925KD7W
	27	1712.5 - 1777.5	0.206	0.002 PM	1M09G7D
	27	1712.5 - 1777.5	0.209	0.002 PM	915KD7W
	27	1715.0 - 1775.0	0.201	3.9 PM	1M09G7D
	27	1715.0 - 1775.0	0.215	3.9 PM	917KD7W
	27	1717.5 - 1772.5	0.206	0.002 PM	1M09G7D
	27	1717.5 - 1772.5	0.221	0.002 PM	926KD7W
	27	1720.0 - 1770.0	0.209	0.002 PM	1M09G7D
	27	1720.0 - 1770.0	0.21	0.002 PM	920KD7W
	27	1710.1 - 1754.9	0.197	0.002 PM	65K0G7D
	27	1710.1 - 1754.9	0.206	0.002 PM	194KG7D
	27	699.1 - 715.9	0.273	0.005 PM	55K8G7D
	27	699.1 - 715.9	0.282	0.005 PM	192KG7D
	27	777.1 - 786.9	0.235	0.005 PM	55K3G7D
	27	777.1 - 786.9	0.235	0.005 PM	194KG7D
	27	704.1 - 715.9	0.269	0.005 PM	109KG7D
	27	704.1 - 715.9	0.274	0.005 PM	192KG7D
	27	1710.1 - 1779.9	0.203	0.002 PM	58K5G7D
	27	1710.1 - 1779.9	0.232	0.002 PM	197KG7D
PF	90	790.5 - 795.5	0.226	0.005 PM	1M08G7D
PF	90	790.5 - 795.5	0.195	0.005 PM	913KD7W
PF	90	793.0 - 793.0	0.224	0.005 PM	1M09G7D
PF	90	793.0 - 793.0	0.211	0.005 PM	912KD7W
	90	814.7 - 823.3	0.233	0.005 PM	1M09G7D
	90	814.7 - 823.3	0.213	0.005 PM	914KD7W
	90	815.5 - 822.5	0.225	0.005 PM	1M08G7D
	90	815.5 - 822.5	0.216	0.005 PM	916KD7W
	90	816.5 - 821.5	0.228	0.005 PM	1M08G7D
	90	816.5 - 821.5	0.22	0.005 PM	918KD7W
	90	819.0 - 819.0	0.231	0.005 PM	1M09G7D
	90	819.0 - 819.0	0.219	0.005 PM	910KD7W
PF	90	790.1 - 795.9	0.238	0.005 PM	52K5G7D
PF	90	790.1 - 795.9	0.241	0.005 PM	192KG7D
	90	814.1 - 823.9	0.205	0.005 PM	52K9G7D
	90	814.1 - 823.9	0.213	0.005 PM	196KG7D

Single Modular Approval. Power listed is the maximum conducted power. Co-location of this module with other transmitters that operate simultaneously are required to be evaluated using the FCC multi-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. Maximum permitted antenna gain: 6 dBi for Band 2, 4, 25 and 66, 4 dBi for Band 5, 12 and 13, 3 dBi for 14, 17 and 26.

PF: Transmitter approved for Public Safety Broadband