



American Certification Body Inc.
6731 Whittier Ave, C110, McLean, VA 22101

January 22, 2021

Our Ref: ATCB026406

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

Attention: Denis Chabot

Dear Sir/Madame:

ACB, Inc. has reviewed the related documents and is pleased to advise that this application meets the Innovation, Science and Economic Development (ISED) Canada's Certification and Engineering Bureau procedural and specification requirements for certification. Copies of the original submission documents should be maintained for 10 years. The radio equipment is certified as described on the attached certificate(s).

We have notified the Bureau so they may record this equipment in the Department's Radio Equipment List (REL). Please note that certified equipment shall not be distributed, leased, sold, or offered for sale in Canada before the details of the certification appear in the REL. Status of this listing in the ISED's REL list may be found at the following web address:

<https://sms-sgs.ic.gc.ca/equipmentSearch/searchRadioEquipments?execution=e2s1&lang=en>

Please note that IC labeling per RSP-100 involves use of the IC Certification Number, Product Marketing Name (PMN), Hardware Version Identification Number (HVIN), and in some instances the Firmware Version Identification Number (FVIN) as follows.

- a) The assigned IC certification number and HVIN number must be shown on the exterior of the product or displayed electronically according to IC's E-labelling requirements.
- b) The PMN must be displayed electronically (E-labelling) or indicated on the exterior of the product, product packaging, or product literature available with the product or online.
- c) The IC Certification Number, PMN, and HVIN are permitted to be etched, engraved, stamped, printed on the product, or permanently affixed to a permanently attached part of the product in a way that is legible, indelible, and tamper proof.
- d) When the FVIN is the only differentiation between product versions (PMN and HVIN remain identical) listed in the REL within a family certification, the FVIN shall be displayed electronically or stored electronically and be easily retrievable.
- e) Any Modular Approval or Limited Modular Approval shall meet the labeling requirements above unless the device is of such size that ISED's policy requires the host to be certified instead. In addition the Host Model Number (HMN) must be displayed by E-labeling or indicated at any location on the exterior of the host product and the host product shall be labeled to identify the modules within the host product according to RSS-Gen Section 4.3.

Sincerely,

Michael F. Violette
Director



**TECHNICAL ACCEPTANCE
CERTIFICATE**

**CERTIFICAT D'ACCEPTABILITÉ
TECHNIQUE**

CERTIFICATION No. NUMÉRO DE CERTIFICATION	► 2417C-MC74B (New Single Certification)	
ISSUED TO DÉLIVRÉ A	► Sierra Wireless Inc. 13811 Wireless Way, Richmond, BC, Canada V6V 3A4	
TYPE OF EQUIPMENT TYPE DE MATÉRIEL	► Modular Approval, Mobile Broadband Service (MBS) (698 - 756 / 777 - 787 MHz), Broadband Radio Service (2500-2690 MHz), PCS Mobile (1850-1910 MHz), Advanced Wireless Services Equipment (1710 - 1780 MHz & 2110 - 2180MHz), Wireless Communications Service (2305 - 2320 MHz, 2345 - 2360 MHz), Cellular Mobile New Technologies (824 - 849 MHz),	
PRODUCT MARKETING NAME (PMN): NOM DU PRODUIT MARKETING	► N/A	
HARDWARE VERSION IDENTIFICATION NUMBER (HVIN): MATÉRIEL NUMÉRO D'IDENTIFICATION DE VERSION	► MC7411	
FIRMWARE VERSION IDENTIFICATION NUMBER (FVIN): FIRMWARE NUMÉRO D'IDENTIFICATION DE VERSION	► <Not Specified>	
FREQUENCY RANGE BANDE DE FRÉQUENCES	► WCDMA and LTE features, with some bands supported ** See Annex 1 for Complete Detail **	
EMISSION DESIGNATION, R.F. POWER RATING, AND ANTENNA DESIGNATION D'ÉMISSION, PUISSANCE NOMINALE H.F., ET L'ANTENNE	► ** See Annex 1 for Complete Detail **	
CERTIFIED TO : CERTIFIÉ SELON LE :	SPECIFICATION / ISSUE CAHIER DES CHARGES / ÉDITION	► ** See Annex 1 for Complete Detail **
TEST LABORATORY LABORATOIRE D'ESSAI	► Dekra Testing and Certification Co., Ltd. (Hsin Chu Laboratory) No. 372-2, Sec. 4 Zhongxing Rd. Zhudong Township, Hsinchu County Taiwan 310 Contact: Roy Wang email: roy.wang@dekra.com	COMPANY NUMBER ► 22397 NUMÉRO DE COMPAGNIE

Certification of equipment means only that the equipment has met the requirements of the above noted specification. License applications, where applicable to use certified equipment, are acted on accordingly by the ISED issuing office and will depend on the existing radio environment, service and location of operation.

This certificate is issued on condition that the holder complies and will continue to comply with the requirements of the radio standards specifications and procedures issued by ISED. The equipment for which this certificate is issued shall not be manufactured, imported, distributed, leased, offered for sale, or sold unless the equipment complies with the applicable technical specifications and procedures issued by ISED.

I hereby attest that the subject equipment was tested and found in compliance with the above-noted specification.

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La certification du matériel signifie seulement que le matériel a satisfait aux exigences de la norme indiquée ci-dessus. Les demandes de licences nécessaires pour l'utilisation du matériel certifié sont traitées en conséquence par le bureau de délivrance d'ISDE et dépendent des conditions radio ambiantes, du service et de l'emplacement d'exploitation.

Le présent certificat est délivré à condition que le titulaire satisfasse et continue de satisfaire aux exigences et aux procédures d'ISDE. Le matériel à l'égard duquel le présent certificat est délivré ne doit pas être fabriqué, importé, distribué, loué, mis en vente ou vendu à moins d'être conforme aux procédures et aux spécifications techniques applicables publiées par ISDE.

J'atteste, par la présente, que le matériel a fait l'objet d'essai et a été jugé conforme à la spécification ci-dessus.

Michael F. Violette
Director



TECHNICAL ACCEPTANCE CERTIFICATE (ANNEX 1)

The device includes the following features and characteristics:

	A		B	C	D	E	F
	RSS Standard		Frequency Band (MHz)	Modulation Method	Minimum RF Output Power Level (in Watts)	Maximum RF Output Power Level (in Watts) Or Field Strength	Emission Designator
	RSS #	Issue #	Min to Max	i.e. 802.11b, BT – EDR, etc.		Include Type*	
1	133	6	1850 - 1915	WCDMA	0.115 - conducted	0.174 - conducted	4M11F9W
2	139	3	1710 - 1780	WCDMA	0.113 - conducted	0.169 - conducted	4M12F9W
3	132	3	824 - 849	WCDMA	0.127 - conducted	0.185 - conducted	4M12F9W
4	133	6	1850 - 1915	16QAM/64QAM	0.063 - conducted	0.131 - conducted	1M08W7D
5	133	6	1850 - 1915	QPSK	0.12 - conducted	0.158 - conducted	17M9G7D
6	133	6	1850 - 1915	16QAM/64QAM	0.067 - conducted	0.128 - conducted	17M9W7D
7	139	3	1710 - 1780	QPSK	0.13 - conducted	0.165 - conducted	17M9G7D
8	139	3	1710 - 1780	16QAM/64QAM	0.082 - conducted	0.142 - conducted	17M9W7D
9	132	3	824 - 849	16QAM/64QAM	0.084 - conducted	0.149 - conducted	1M09W7D
10	132	3	824 - 849	QPSK	0.136 - conducted	0.18 - conducted	13M5G7D
11	132	3	824 - 849	16QAM/64QAM	0.084 - conducted	0.148 - conducted	13M4W7D
12	199	3	2500 - 2570	16QAM/64QAM	0.066 - conducted	0.12 - conducted	8M95W7D
13	199	3	2500 - 2570	QPSK	0.106 - conducted	0.138 - conducted	17M9G7D
14	199	3	2500 - 2570	16QAM/64QAM	0.065 - conducted	0.115 - conducted	17M9W7D
15	130	2	699 - 716	QPSK	0.152 - conducted	0.202 - conducted	8M96G7D
16	130	2	699 - 716	16QAM/64QAM	0.095 - conducted	0.173 - conducted	8M95W7D
17	130	2	777 - 787	QPSK	0.194 - conducted	0.199 - conducted	8M94G7D
18	130	2	777 - 787	16QAM/64QAM	0.098 - conducted	0.176 - conducted	8M93W7D
19	140	1	788 - 798	16QAM/64QAM	0.096 - conducted	0.166 - conducted	4M49W7D
20	140	1	788 - 798	QPSK	0.153 - conducted	0.199 - conducted	8M95G7D
21	140	1	788 - 798	16QAM/64QAM	0.098 - conducted	0.153 - conducted	8M95W7D
22	132	3	824 - 849	16QAM/64QAM	0.097 - conducted	0.151 - conducted	4M48W7D
23	132	3	824 - 849	QPSK	0.136 - conducted	0.175 - conducted	8M94G7D
24	132	3	824 - 849	16QAM/64QAM	0.095 - conducted	0.142 - conducted	8M92W7D
25	199	3	2500 - 2690	16QAM/64QAM	0.087 - conducted	0.115 - conducted	4M48W7D
26	199	3	2500 - 2690	QPSK	0.11 - conducted	0.141 - conducted	17M8G7D
27	199	3	2500 - 2690	16QAM/64QAM	0.086 - conducted	0.114 - conducted	17M9W7D
28	130	2	663 - 698	16QAM/64QAM	0.093 - conducted	0.181 - conducted	8M95W7D
29	130	2	663 - 698	QPSK	0.145 - conducted	0.192 - conducted	17M9G7D
30	130	2	663 - 698	16QAM/64QAM	0.092 - conducted	0.166 - conducted	17M9W7D
31	132	3	824 - 849	QPSK	0.1 - conducted	0.211 - conducted	18M7G7D
32	132	3	824 - 849	16QAM/64QAM	0.069 - conducted	0.139 - conducted	18M7W7D

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	A		B	C	D	E	F
	RSS Standard		Frequency Band (MHz)	Modulation Method	Minimum RF Output Power Level (in Watts)	Maximum RF Output Power Level (in Watts) Or Field Strength	Emission Designator
	RSS #	Issue #	Min to Max	i.e. 802.11b, BT – EDR, etc.		Include Type*	
33	199	3	2500 - 2570	16QAM/64QAM	0.082 - conducted	0.155 - conducted	23M1W7D
34	199	3	2500 - 2570	QPSK	0.105 - conducted	0.192 - conducted	37M5G7D
35	199	3	2500 - 2570	16QAM/64QAM	0.081 - conducted	0.151 - conducted	37M5W7D
36	199	3	2500 - 2690	QPSK	0.102 - conducted	0.171 - conducted	37M3G7D
37	199	3	2500 - 2690	16QAM/64QAM	0.08 - conducted	0.138 - conducted	37M1W7D

This device supports the following:

UMTS in Bands 2/4/5.

E-UTRA in Bands 2/4/5/7/12/13/14/25/26/41/66/71 with some bandwidths according to 3GPP applicable standards.

E-UTRA with CA up-link in Bands 5/7/41.

ANTENNA INFORMATION	
ANTENNA DESCRIPTION	GAIN (dBi) or Integral
The maximum permissible antenna gains required to maintain compliance with the radiated power and RF Exposure limits for each band specified in the Hardware Integration Guide included in the filing.	

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