



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

December 10, 2020

Our Ref: ATCB026146

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-EM74B (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	► EM7411	
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.

ORIGINAL DATE OF ISSUE: December 10, 2020
REVISED DATE OF ISSUE: N/A

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, BPSK	0.001- conducted	0.144- conducted	4M11F9W
2	139	3	1710 - 1780	WCDMA, BPSK	0.001	0.143	4M12F9W
3	132	3	824 - 849	WCDMA, BPSK	0.001	0.179	4M12F9W
4	133	6	1850 - 1915	16QAM/64QAM	0.07	0.122	13M4W7D
5	133	6	1850 - 1915	QPSK	0.105	0.145	17M9G7D
6	133	6	1850 - 1915	16QAM/64QAM	0.071	0.116	17M9W7D
7	139	3	1710 - 1780	16QAM/64QAM	0.077	0.129	4M48W7D
8	139	3	1710 - 1780	QPSK	0.113	0.153	17M9G7D
9	139	3	1710 - 1780	16QAM/64QAM	0.079	0.127	17M9W7D
10	132	3	824 - 849	16QAM/64QAM	0.096	0.16	4M49W7D
11	132	3	824 - 849	QPSK	0.139	0.184	13M5G7D
12	132	3	824 - 849	16QAM/64QAM	0.096	0.16	13M4W7D
13	199	3	2500 - 2570	16QAM/64QAM	0.06	0.099	4M48W7D
14	199	3	2500 - 2570	QPSK	0.088	0.121	17M9G7D
15	199	3	2500 - 2570	16QAM/64QAM	0.06	0.097	17M9W7D
16	130	2	699 - 716	16QAM/64QAM	0.093	0.175	4M48W7D
17	130	2	699 - 716	QPSK	0.148	0.212	8M96G7D
18	130	2	699 - 716	16QAM/64QAM	0.095	0.159	8M95W7D
19	130	2	777 - 787	16QAM/64QAM	0.097	0.178	4M48W7D
20	130	2	777 - 787	QPSK	0.16	0.214	8M96G7D
21	130	2	777 - 787	16QAM/64QAM	0.099	0.168	8M94W7D
22	140	1	788 - 798	16QAM/64QAM	0.097	0.179	4M48W7D
23	140	1	788 - 798	QPSK	0.199	0.217	8M95G7D
24	140	1	788 - 798	16QAM/64QAM	0.099	0.169	8M95W7D
25	199	3	2500 - 2690	16QAM/64QAM	0.085	0.115	13M4W7D
26	199	3	2500 - 2690	QPSK	0.11	0.141	17M9G7D
27	199	3	2500 - 2690	16QAM/64QAM	0.086	0.114	17M9W7D
28	130	2	663 - 698	16QAM/64QAM	0.107	0.174	4M48W7D
29	130	2	663 - 698	QPSK	0.133	0.21	17M9G7D
30	130	2	663 - 698	16QAM/64QAM	0.109	0.168	17M9W7D
31	132	3	824 - 849	16QAM/64QAM	0.064	0.155	13M8W7D
32	132	3	824 - 849	QPSK	0.087	0.174	18M7G7D

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REVISED DATE OF ISSUE: N/A



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	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	132	3	824 - 849	16QAM/64QAM	0.066-conducted	0.139-conducted	18M7W7D
34	199	3	2500 - 2570	16QAM/64QAM	0.076	0.153	1M45G1D
35	199	3	2500 - 2570	QPSK	0.093	0.176	37M5G7D
36	199	3	2500 - 2570	16QAM/64QAM	0.074	0.143	37M5W7D
37	199	3	2500 - 2570	QPSK	0.171	0.102	37M3G7D
38	199	3	2500 - 2570	16QAM/64QAM	0.08	0.138	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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REVISED DATE OF ISSUE: N/A