



American Certification Body Inc.  
313 Park Avenue, Suite 300, Falls Church, VA 22046

July 9, 2024

Our Ref: ATCB029577

**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-HL78C (New Single Certification)
ISSUED TO DÉLIVRÉ A	► Sierra Wireless Inc. 13811 Wireless Way, Richmond, BC, Canada, V6V 3A4
TYPE OF EQUIPMENT TYPE DE MATÉRIEL	► Cellular Network - Other Mobile Device
PRODUCT MARKETING NAME (PMN): NOM DU PRODUIT MARKETING	► N/A (Modular Approval)
HARDWARE VERSION IDENTIFICATION NUMBER (HVIN): MATÉRIEL NUMÉRO D'IDENTIFICATION DE VERSION	► HL7812
FIRMWARE VERSION IDENTIFICATION NUMBER (FVIN): FIRMWARE NUMÉRO D'IDENTIFICATION DE VERSION	► <Not Specified>
FREQUENCY RANGE BANDE DE FRÉQUENCES	► GSM-GPRS/LTE-Cat-M1/NB1/NB2 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. COMPANY NUMBER ► 22397 (Hsin Chu Laboratory) NUMÉRO DE COMPAGNIE No. 372-2, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County 310, Taiwan Contact: Warren Lin email: warren.lin@dekra.com

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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REVISED DATE OF ISSUE: July 09, 2024

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)

### Technical Features and Characteristics

The device includes the following features and characteristics:

	A		B	C	D	E	F
	RSS Standard	Issue #	Frequency Band (MHz) Min to Max	Modulation Method i.e. 802.11b, BT – EDR, etc.	Minimum RF Output Power Level (in Watts)	Maximum RF Output Power Level (in Watts) Or Field Strength Include Type*	Emission Designator
1	130	2	699 - 716	16QAM	0.234 - conducted	0.234 - conducted	1M01W7D
2	130	2	699 - 716	QPSK	0.239	0.239	1M12G7D
3	130	2	699 - 716	BPSK	0.247	0.247	192KG7D
4	130	2	699 - 716	BPSK	0.248	0.248	103KG7D
5	130	2	699 - 716	QPSK	0.254	0.254	1M00W7D
6	130	2	777 - 787	QPSK	0.228	0.228	1M11G7D
7	130	2	777 - 787	16QAM	0.231	0.231	971KW7D
8	130	2	777 - 787	BPSK	0.242	0.242	192KG7D
9	132	3	824 - 849	16QAM	0.242	0.242	1M01W7D
10	132	3	824 - 849	QPSK	0.252	0.252	101KG7D
11	132	3	824 - 849	QPSK	0.259	0.259	1M12G7D
12	132	3	824.2 - 848.8	GPRS/GMSK	0.94	0.94	240KGXW
13	133	6	1850 - 1910	QPSK	0.226	0.226	1M00W7D
14	133	6	1850 - 1910	QPSK	0.237	0.237	1M12G7D
15	133	6	1850 - 1910	BPSK	0.252	0.252	193KG7D
16	133	6	1850 - 1910	QPSK	0.254	0.254	1M00W7D
17	133	6	1850 - 1915	QPSK	0.23	0.23	1M11G7D
18	133	6	1850 - 1915	16QAM	0.231	0.231	996KW7D
19	133	6	1850 - 1915	QPSK	0.236	0.236	1M11G7D
20	133	6	1850 - 1915	BPSK	0.254	0.254	192KG7D
21	133	6	1850.2 - 1909.8	GPRS/GMSK	1.531	1.531	239KGXW
22	139	3	1710 - 1755	16QAM	0.249	0.249	1M00W7D
23	139	3	1710 - 1755	BPSK	0.257	0.257	101KG7D
24	139	3	1710 - 1755	BPSK	0.258	0.258	192KG7D
25	139	3	1710 - 1755	QPSK	0.267	0.267	1M12G7D
26	139	3	1710 - 1780	QPSK	0.244	0.244	1M11G7D
27	139	3	1710 - 1780	16QAM	0.246	0.246	1M01W7D
28	139	3	1710 - 1780	BPSK	0.248	0.248	195KG7D
29	139	3	1710 - 1780	QPSK	0.269	0.269	1M11G7D
30	130	2	698 - 716	QPSK	0.239	0.239	1M09G7D
31	130	2	698 - 716	16QAM	0.238	0.238	959KW7D
32	130	2	698 - 716	BPSK	0.259	0.259	39K0G7D
33	130	2	698 - 716	BPSK	0.201	0.201	74K0G7D
34	130	2	698 - 716	QPSK	0.261	0.261	40K1G7D
35	130	2	698 - 716	QPSK	0.197	0.197	192KG7D

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## TECHNICAL ACCEPTANCE CERTIFICATE (ANNEX 1)

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 are specified in the Hardware Integration Guide included in the filing.	

Modular Approval	
If Known Host Marketing Number(s) (HMN)	Limited Modular Approval (LMA) or Modular Approval (MA)
<Not Assessed In Host>	Modular Approval

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