



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

August 11, 2015

Our Ref: ATCB017668

**Sierra Wireless
13811 Wireless Way
Richmond, BC
Canada V6A 3A4**

Attention: Ying Wang

Dear Sir/Madame:

ACB, Inc. has reviewed the related documents and is pleased to advise that this application meets Industry Canada's 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 Industry Canada'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 as of Issue 11 of 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. 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 RSP-100 Section 3.2.

Sincerely,

Michael F. Violette
Director



**TECHNICAL ACCEPTANCE
CERTIFICATE**

**CERTIFICAT D'ACCEPTABILITÉ
TECHNIQUE**

CERTIFICATION No. No. DE CERTIFICATION	► 2417C-EM7455 (New Single Certification)		
ISSUED TO DÉLIVRÉ A	► Sierra Wireless 13811 Wireless Way Richmond, BC Canada V64 3A4		
TYPE OF EQUIPMENT TYPE DE MATÉRIEL	► Modular Approval; PCS Mobile (1850-1910MHz); Broadband Radio Service (2500-2690MHz); Mobile Broadband Service (MBS) (698-756/777-787 MHz) Advanced Wireless Services Equipment (1710-1755 MHz and 2110-2155 MHz); Cellular Mobile New Technologies (824-849 MHz)		
PRODUCT MARKETING NAME (PMN): NOM DU PRODUIT MARKETING	► <Not Specified>		
HARDWARE VERSION IDENTIFICATION NUMBER (HVIN): MATÉRIEL NUMÉRO D'IDENTIFICATION DE VERSION	► EM7455		
FIRMWARE VERSION IDENTIFICATION NUMBER (FVIN): FIRMWARE NUMÉRO D'IDENTIFICATION DE VERSION	► <Not Specified>		
FREQUENCY RANGE BANDE DE FRÉQUENCES	► WCDMA/LTE with 700/850/1700/1900/2500 Bands ** 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 **		
TEST LABORATORY LABORATOIRE D'ESSAI	► Chongqing Institute of Telecom No. 8, Yuma Road, Chayuan New City Nanan Chongqing China 401336 Tel: +86 2388512612, Fax: +86 2388608777 email: xiangluoyong@chinattl.com	SITE NUMBER NUMÉRO DE SITE	► 11590A-1
CERTIFIED TO CERTIFIÉ SELON LE	► SPECIFICATION CAHIER DES CHARGES	RSS-130 RSS-132/139 RSS-133 RSS-199	ISSUE 1 ÉDITION 3 6 2

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 Industry Canada 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 Industry Canada. 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 Industry Canada.

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

ORIGINAL DATE OF ISSUE: August 11, 2015

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'Industrie Canada 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'Industrie Canada. 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 Industrie Canada.

J'atteste par la présente que le matériel a fait l'objet d'essai et 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:

Frequency Band (MHz)	Modulation Method	Minimum RF Output Power Level (in Watts)	Maximum RF Output Power Level (in Watts) Or Field Strength	Emission Designator
699-716	LTE	0.248 conducted	0.248 conducted	8M91G7D
699-716	LTE	0.215	0.215	8M91W7D
777-787	LTE	0.247	0.247	8M91G7D
777-787	LTE	0.227	0.227	8M88W7D
824-849	LTE	0.250	0.250	8M94G7D
824-849	LTE	0.240	0.240	8M94W7D
1850-1915	LTE	0.251	0.251	17M8G7D
1850-1915	LTE	0.227	0.227	17M9W7D
1710-1755	LTE	0.251	0.251	17M9G7D
1710-1755	LTE	0.234	0.234	17M8W7D
2500-2570	LTE	0.196	0.196	17M9G7D
2500-2570	LTE	0.167	0.167	17M9W7D
824-849	WCDMA	0.224	0.224	4M14G7D
1710-1755	WCDMA	0.221	0.221	4M14G7D
1850-1910	WCDMA	0.231	0.231	4M14G7D

This device has 5 MHz and 10 MHz bandwidth modes for LTE Bands 13 (700 MHz); 1.4 MHz, 3 MHz, 5 MHz and 10 MHz bandwidth modes for LTE Bands 5 and 12 (850 and 700 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 (2500 MHz).

ANTENNA INFORMATION	
ANTENNA DESCRIPTION	GAIN (dBi) or Integral
External Antenna for measurements	