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

May 3, 2021 Our Ref: ATCB026849

Intel Mobile Communications
100 Center Point Circle, Suite 200
Columbia, SC
29210
USA

Attention: Steven Hackett

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

030821-37b (w/ Annex 1)

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REF No. ► ATCB026849

TECHNICAL ACCEPTANCE CERTIFICATE

CERTIFICAT D'ACCEPTABILITÉ TECHNIQUE

CERTIFICATION No. / NUMÉRO DE CERTIFICATION ► **1000M-AX201NG (Modifications - C4PC)**

ISSUED TO / DÉLIVRÉ A ►
Intel Mobile Communications
100 Center Point Circle, Suite 200
Columbia, SC
29210
USA

TYPE OF EQUIPMENT / TYPE DE MATÉRIEL ►
Spread Spectrum/Digital Device (2400-2483.5 MHz), Modular Approval
Spread Spectrum/Digital Device (5725-5850 MHz), Bluetooth Device, WiFi Device

PRODUCT MARKETING NAME (PMN): / NOM DU PRODUIT MARKETING ► **Intel WiFi 6 AX201**

HARDWARE VERSION IDENTIFICATION NUMBER (HVIN): / MATÉRIEL NUMÉRO D'IDENTIFICATION DE VERSION ► **AX201NGW**

FIRMWARE VERSION IDENTIFICATION NUMBER (FVIN): / FIRMWARE NUMÉRO D'IDENTIFICATION DE VERSION ► **<Not Specified>**

FREQUENCY RANGE / BANDE DE FRÉQUENCES ►
2400-2484 MHz, 5150-5350 MHz, 5470-5725 MHz, 5725-5850 MHz
**** 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 ►
Intel Corporation SAS
425 rue de Goa, Le Cargo B6
Antibes, France 06600
Contact: Claire Desblancs
email: claire.desblancs@intel.com

COMPANY NUMBER / NUMÉRO DE COMPAGNIE ► **1000Y**

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.

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.

ORIGINAL DATE OF ISSUE: May 3, 2021
REVISED DATE OF ISSUE: N/A

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Director

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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		**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	247	2	2402-2480	BT-BR	0.01 Conducted	0.01 Conducted	833KF1D
2	247	2	2402-2480	BT-EDR	0.008 Conducted	0.008 Conducted	1M44G1D
3	247	2	2402-2480	BT – EDR 3	0.008 Conducted	0.008 Conducted	1M43G1D
4	247	2	2402-2480	BT – BLE	0.005 Conducted	0.005 Conducted	1M15F1D
5	247	2	2412-2462	11b	0.068 Conducted	0.294 Conducted	13M9D2W
6	247	2	2412-2462	11g	0.01 Conducted	0.955 Conducted	19M9D7W
7	247	2	2412-2462	11n - 20	0.01 Conducted	0.886 Conducted	18M9D7W
8	247	2	2422-2452	11n - 40	0.021 Conducted	0.429 Conducted	36M5D7W
9	247	2	2412-2462	11ax - 20	0.002 Conducted	0.986 Conducted	19M1D7W
10	247	2	2422-2452	11ax – 40	0.017 Conducted	0.642 Conducted	37M8D7W
11	247	2	5180-5240	11ax – 20	0.006 Conducted	0.052 Conducted	19M1D7W
12	247	2	5190-5230	11ax – 40	0.052 Conducted	0.060 Conducted	37M9D7W
13	247	2	5210-5210	11ax – 80	0.059 Conducted	0.062 Conducted	76M8D7W
14	247	2	5270-5310	11n – 40	0.04 Conducted	0.109 Conducted	38M0D7W
15	247	2	5260-5320	11ax – 20	0.055 Conducted	0.135 Conducted	17M8D7W
16	247	2	5290-5290	11ax– 80	0.051 Conducted	0.062 Conducted	76M7D7W
17	247	2	5250-5250	11ax – 160	0.03 Conducted	0.036 Conducted	154MD7W
18	247	2	5500-5700	11a	0.023 Conducted	0.137 Conducted	19M5D7W
19	247	2	5530-5610	11ac – 80	0.051 Conducted	0.125 Conducted	37M0D7W
20	247	2	5510-5670	11ax – 40	0.065 Conducted	0.133 Conducted	38M8D7W
21	247	2	5530-5690	11ax– 80	0.119 Conducted	0.149 Conducted	80M1D7W
22	247	2	5720-5720	11n – 20	0.09 Conducted	0.103 Conducted	19M1D7W
23	247	2	5710-5710	11n – 40	0.109 Conducted	0.123 Conducted	39M0D7W
24	247	2	5745-5825	11a	0.032 Conducted	0.134 Conducted	19M6D7W
25	247	2	5755-5795	11ax – 40	0.125 Conducted	0.132 Conducted	39M0D7W
26	247	2	5775-5775	11ax– 80	0.079 Conducted	0.13 Conducted	76M8D7W

This change is to request approval for portable category specific host notebook PC, Intel KC57 with Auden ANTRG5K119-1801 (Tx1) and ANTRG5K119-1802 (Tx2) antennas.

Antenna(s) is/are of the same type and lower gain from original approval. SAR testing was performed to demonstrate RF compliance.

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ANTENNA INFORMATION	
ANTENNA DESCRIPTION	**GAIN (dBi) or Integral**
Antennas – Auden ANTRG5K119-1801 (Tx1) and ANTRG5K119-1802 (Tx2) antennas	
2400-2484 MHz	1.98 dBi
5150-5250 MHz	-0.57 dBi
5250-5350 MHz	-0.37 dBi
5470-5725 MHz	0.73 dBi
5725-5850 MHz	0.09 dBi

This module is approved in portable/mobile configurations.

Modular Approval	
If Known Host Marketing Number(s) (HMN)	**Limited Modular Approval (LMA) or Modular Approval (MA)**
Intel KC57	Modular Approval

OEM/Host integrator is responsible for complying with the instructions and requirements for each Transmitter they choose to integrate into a host product.

Industry Canada requires this product to be used indoors for the frequency range of 5.15 GHz to 5.25 GHz to reduce the potential for harmful interference to co-channel mobile satellite systems.

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