



TECHNICAL ACCEPTANCE CERTIFICATE



Certificate Validation

TECHNICAL ACCEPTANCE CERTIFICATE

23236-BW16 / 30 Sep 2022 / Rev A

for Innovation, Science and Economic Development (ISED) Canada

MiCOM Labs Inc. declares, on the basis of the assessment of the tests and the technical documentation provided by the applicant that the following product complies with the requirements of the above noted regulator.

Product Marketing Name:
Wi-Fi & BT SoC Module

Applicant Name:
ShenZhen Ai-Thinker Technology Co., Ltd.

I hereby attest that the subject equipment was tested and found in compliance with the below noted specification.
J'atteste, par la présente, que le matériel a fait l'objet d'essai et a été jugé conforme à la spécification ci-dessous.



Gordon Hurst, Product Certifier

This Certificate is Issued under the Authority of:

MiCOM Labs Inc., 575 Boulder Court, Pleasanton, California 94566, USA

FCB Number: US0159



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for Innovation, Science and Economic Development (ISED)

Product Marketing Name:
Wi-Fi & BT SoC Module

Unique Product Number: **BW16**

Applicant: **ShenZhen Ai-Thinker Technology Co., Ltd.**, 410,Block C, Huafeng Smart Innovation Port.Gushu 2nd Road,Gushu Community,Xixiang Street,Baoan District, Shenzhen, China; **CN Number: 23236**

ISED Representative: **STARIVER TECHNOLOGY AND CONSULTING COMPANY**, 214 KEYROCK DR, KANATA, ON K2T 0B5, Canada; **CN Number: 21480**

Test Lab: **Shenzhen CTB Testing Technology Co., Ltd**, Floor 1&2, Building A, No. 26 of Xinhe Road, Xinqiao Street, Baoan District, Shenzhen, China; **CN Number: 25587**

Wireless Test Site

Open Area Test Site

SAR Test Site

Terminal Test Site

25587

Technical Details

Specification	Issue	Technology	Frequency Range		Emission Designator	Power		
			From	To		Min.	Max.	Type
RSS-247	2	Bluetooth BLE	2402MHz	2480MHz	1M04F1D--	--	0.00733W	Conducted
RSS-247	2	802.11b	2412MHz	2462MHz	14M5G1D--	--	0.05735W	Conducted
RSS-247	2	802.11g	2412MHz	2462MHz	16M7D1D--	--	0.05464W	Conducted
RSS-247	2	802.11n(HT20)	2412MHz	2462MHz	17M8D1D--	--	0.0476W	Conducted
RSS-247	2	802.11n(HT40)	2422MHz	2452MHz	35M9D1D--	--	0.04099W	Conducted
RSS-247	2	802.11a20	5180MHz	5240MHz	16M5D1D--	--	0.02852W	Conducted
RSS-247	2	802.11n(HT20)	5180MHz	5240MHz	17M7D1D--	--	0.02786W	Conducted
RSS-247	2	802.11n(HT40)	5190MHz	5230MHz	35M8D1D--	--	0.0242W	Conducted
RSS-247	2	802.11a20	5260MHz	5320MHz	16M5D1D--	--	0.02852W	Conducted
RSS-247	2	802.11n(HT20)	5260MHz	5320MHz	17M7D1D--	--	0.02705W	Conducted
RSS-247	2	802.11n(HT40)	5270MHz	5310MHz	35M8D1D--	--	0.02331W	Conducted
RSS-247	2	802.11a20	5500MHz	5700MHz	16M5D1D--	--	0.02862W	Conducted
RSS-247	2	802.11n(HT20)	5500MHz	5700MHz	17M7D1D--	--	0.02837W	Conducted
RSS-247	2	802.11n(HT40)	5510MHz	5670MHz	35M7D1D--	--	0.02327W	Conducted
RSS-247	2	802.11a20	5745MHz	5825MHz	16M5D1D--	--	0.02726W	Conducted
RSS-247	2	802.11n(HT20)	5745MHz	5825MHz	17M7D1D--	--	0.02829W	Conducted
RSS-247	2	802.11n(HT40)	5755MHz	5795MHz	35M8D1D--	--	0.02357W	Conducted
Cahiers des charges	Numéro de la version	Technologie	Gamme de fréquence		Désignatif d'émission	Puissance		

Certification of equipment means only that the equipment has met the requirements of the above-noted specification. Licence 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 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.

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 la 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.



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Technical Acceptance Certificate

Certificat D'acceptabilite Technique

Company Name	ShenZhen Ai-Thinker Technology Co., Ltd.	Nom de l'entreprise
Certification No.	23236-BW16	No. De certification
Issue Date / Rev	30 Sep 2022 / Rev A	Date D'émission / Rev
Equipment Description	Wi-Fi & BT SoC Module	Description de l'équipement
Type of Equipment	Other	Type de materiel
Product Marketing Name	Wi-Fi & BT SoC Module	Nom du produit Marketing(PMN)
Host Marketing Name	--	Nom de l'hôte marketing (HMN)
Hardware Version Identification Number	BW16	Version Hardware numéro d 'identification (HVIN)
Firmware Version Identification Number	V1.0	Firmware Version numéro d 'identification (FVIN)

Antennas

Antenna Type	Manufacturer	Model/Part No.	Gain (dBi)	Frequency Range (MHz)
PCB Antenna	N/A	N/A	1dBi	2400-2500MHz & 5150-5850MHz