

# Certificate

## Certificate number

AN24I3624

## ISED certification number

12290A-WKCT2Q

## Issue date

04-Jul-2024

Issued to

**Hui Zhou Gaoshengda  
Technology Co.,LTD**

for equipment

**WIFI+BT Module WKCT2QM2501**

Issued By:



Mark Briggs,  
Director Wireless Certification Services  
UL Verification Services Inc.  
47173 Benicia Street, Fremont, CA 94538

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.

<b>Certification number</b>	12290A-WKCT2Q
<b>Certification procedure</b>	Single Certification
<b>Certificate holder</b>	Hui Zhou Gaoshengda Technology Co.,LTD No.2,Jin-da Road,Huinan High-tech Industrial Park Huizhou, Guangdong CHINA
<b>Type of equipment</b>	WIFI+BT Module

<b>PMN</b>	<b>HVIN</b>	<b>FVIN</b>	<b>HMN</b>
WIFI+BT Module	WKCT2QM2501	N/A	N/A

<b>Radio apparatus category(ies)</b>	Other
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<b>Certification details</b>			
<b>Frequency range (MHz)</b>	<b>Emission designator</b>	<b>RF power (W) or field strength</b>	<b>Specification / issue</b>
2402 - 2480	1M20G1D	0.0088 - 0.0093 W	RSS-247 Issue 3, Aug-2023
2402 - 2480	2M06F1D	0.0047 - 0.0048 W	RSS-247 Issue 3, Aug-2023
2402 - 2480	770KF1D	0.0048 - 0.005 W	RSS-247 Issue 3, Aug-2023
2412 - 2462	13M3G1D	0.023 - 0.028 W	RSS-247 Issue 3, Aug-2023
2412 - 2462	17M6D1D	0.021 - 0.048 W	RSS-247 Issue 3, Aug-2023
2422 - 2452	36M0D1D	0.024 - 0.055 W	RSS-247 Issue 3, Aug-2023
5210 - 5210	75M3D1D	0.091 W (EIRP)	RSS-247 Issue 3, Aug-2023
5270 - 5310	36M3D1D	0.026 - 0.06 W	RSS-247 Issue 3, Aug-2023
5290 - 5290	75M4D1D	0.021 - 0.046 W	RSS-247 Issue 3, Aug-2023
5510 - 5710	36M1D1D	0.002 - 0.064 W	RSS-247 Issue 3, Aug-2023
5530 - 5690	75M4D1D	0.0006 - 0.052 W	RSS-247 Issue 3, Aug-2023
5745 - 5825	17M8D1D	0.03 - 0.065 W	RSS-247 Issue 3, Aug-2023
5775 - 5775	75M3D1D	0.027 - 0.054 W	RSS-247 Issue 3, Aug-2023

<b>Antenna information</b>
PCB Antenna, Gain: -0.63 dBi, Connector type: None PIFA Antenna, Gain: 0.82 dBi, Connector type: None PIFA Antenna, Gain: 2.89 dBi, Connector type: None

<b>Remarks and limitations</b>
Modular approval. Output power listed is conducted. This device supports Bluetooth & 2x2 MIMO operation and 20MHz/40MHz /80MHz bandwidth. The module antennas must be installed to meet the RF exposure compliance separation distance of 20 cm and any additional testing and authorization process as required. Co-location of this module with other transmitters that operate simultaneously are required to be evaluated using the multi-transmitter procedures. The module grantee is responsible for providing the documentation to the system integrator on restrictions of use, for continuing compliance of the module. The host integrator must follow the integration instructions provided by the module manufacturer and ensure that the composite-system end product complies with the requirements by a technical assessment or evaluation. The host integrator installing this module into their product must ensure that the final composite product complies with the requirements by a technical assessment or evaluation to the rules, including the transmitter operation and should refer to guidance.

<b>Measurement facilities</b>	
EMC laboratory:	UL Verification Services Guangzhou Co., Ltd, Song Shan Lake Branch Building 10, Innovation Technology Park, No. 1, Li Bin Road, Song Shan Lake, Hi-Tech Development Zone Dongguan, 523808, Peoples Republic of China, dongguan 523808 China ISED Company Number: 21320

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

Bob Delisi



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Michael Ferrer  
CB Reviewer  
UL Verification Services Inc.  
47173 Benicia Street, Fremont, CA 94538