

TIMCO ENGINEERING, INC.

849 NW State Road 45
Newberry, Florida 32669

www.timcoengr.com

(352) 472-5500 • CB@timcoengr.com

May 3, 2021

Job Number: 2070-21
Radio Cert. No.: IC: 2468C-11AXAP22A

ZyXEL Communications Corporation
No.2 Industry East RD. IX, Hsinchu Science Park
Hsinchu 30075,
Taiwan, R.O.C

Attention: Emma Bao

Dear ZyXEL Communications Corporation:

We have reviewed the test report and related documents, and are pleased to advise that this device meets our procedural and specification requirements for certification. The field offices have been notified.

The assigned certification number and the model number must be shown on each equipment model. This certification identification information may be shown on the equipment model identification plate or on a separate label that shall be indelible and tamper proof. The certification number shall be prefixed with the letters "IC:". Radio equipment is certified as described on the attached certification certificate.

Certificate(s) are attached for the following HVIN/ model(s):
NWA50AX

Please feel free to contact us if you have any questions or comments.

Sincerely,

Timco Engineering, Inc.

Canadian Certification

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Job No. ➤ 2070-21

TECHNICAL ACCEPTANCE CERTIFICATE

Certification No.

➤ IC: 2468C-11AXAP22A

Issued To

➤ ZyXEL Communications Corporation
No.2 Industry East RD. IX, Hsinchu
Science Park Hsinchu 30075,
Taiwan, R.O.C

Tested By

➤ Sporton International Inc.
Company No.: 4086D
No.8, Lane 724, Bo-ai St., Jhubei City
Hsinchu County, 302, TW
886-3-656-9065; EmilyChen@sporton.com.tw

Type of Equipment

- Spread Spectrum/Digital Device (2400–2483.5 MHz)
- Local Area Network (LAN) Device
- WLAN

Type of Service

- New Certification (Single)

Hardware Version Id Number (HVIN)

- NWA50AX

Firmware Version Id Number (FVIN)

- N/A

Product Marketing Name: (PMN)

- NWA50AX

Host Marketing (HMN)

- N/A

FREQUENCY RANGE	EMISSION DESIGNATIONS NECESSARY BANDWIDTH & EMISSION CLASSIFICATION	R.F. POWER	ANTENNA INFO	SPECIFICATION/ ISSUE & DATE
2412 – 2462 MHz	15M9G1D	0.457 W	PIFA/Max gain 3.4dBi	RSS-247 Issue 2; Feb.2017
2412 – 2462 MHz	23M9D1D	0.375 W	PIFA/Max gain 3.4dBi	RSS-247 Issue 2; Feb.2017
2422 – 2452 MHz	37M7D1D	0.115 W	PIFA/Max gain 3.4dBi	RSS-247 Issue 2; Feb.2017
5210 MHz	76M8D1D	0.070 W	PIFA/Max gain 4.5dBi	RSS-247 Issue 2; Feb.2017
5260 – 5320 MHz	18M9D1D	0.067 W	PIFA/Max gain 4.5dBi	RSS-247 Issue 2; Feb.2017
5270 – 5310 MHz	37M5D1D	0.067 W	PIFA/Max gain 4.5dBi	RSS-247 Issue 2; Feb.2017
5290 MHz	76M8D1D	0.067 W	PIFA/Max gain 4.5dBi	RSS-247 Issue 2; Feb.2017
5510 – 5550 MHz	37M6D1D	0.224 W	PIFA/Max gain 4.5dBi	RSS-247 Issue 2; Feb.2017
5670 – 5710 MHz	37M6D1D	0.248 W	PIFA/Max gain 4.5dBi	RSS-247 Issue 2; Feb.2017
5530 MHz	76M9D1D	0.114 W	PIFA/Max gain 4.5dBi	RSS-247 Issue 2; Feb.2017
5690 MHz	72M9D1D	0.233 W	PIFA/Max gain 4.5dBi	RSS-247 Issue 2; Feb.2017
5755 – 5795 MHz	46M4D1D	0.607 W	PIFA/Max gain 4.5dBi	RSS-247 Issue 2; Feb.2017
5775 MHz	77M1D1D	0.325 W	PIFA/Max gain 4.5dBi	RSS-247 Issue 2; Feb.2017

Note 1: This equipment also complies with RSS-102, Issue 5 (March 2015) and RSS-Gen, Issue 5 (April 2018).

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 de l'équipement signifie uniquement que l'équipement a satisfait aux exigences de la spécification susmentionnée. Les demandes de licence, le cas échéant pour utiliser un équipement certifié, sont traitées en conséquence par le bureau émetteur d'ISED et dépendront de l'environnement radio, du service et du lieu d'exploitation existants. Ce certificat est délivré à condition que le titulaire se conforme et continuera de se conformer aux exigences et procédures émises par ISED. L'équipement pour lequel ce certificat est délivré ne doit pas être fabriqué, importé, distribué, loué, mis en vente ou vendu à moins que l'équipement ne soit conforme aux spécifications et procédures techniques applicables émises par ISED.

I hereby attest that the subject equipment was tested and found in

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

Canadian Certification

compliance with the above-noted specifications.

la spécification ci-dessus.

ISSUED UNDER THE AUTHORITY OF MINISTER OF INDUSTRY
DÉLIVRÉ AVEC L'AUTORISATION DU MINISTRE DES INDUSTRIES

DATE: May 3, 2021



Bruno Clavier, General Manager

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