

# TIMCO ENGINEERING INC.

849 NW State Road 45  
Newberry, Florida 32669

[www.timcoengr.com](http://www.timcoengr.com)

(352) 472-5500 [CB@timcoengr.com](mailto:CB@timcoengr.com)

8/13/2019

Our File: 2066IC19  
Radio Cert. No.: IC: 23507-EMW3166

SHANGHAI MXCHIP INFORMATION TECHNOLOGY CO.,LTD.  
9th Floor, No.5, Lane2145 JinshaJiang Road  
Putuo District  
Shanghai 200333  
CHINA

Attention: You Siman

Dear Sir/Madame:

I have reviewed the test report and related documents, and am 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):  
EMW3166-P, EMW3166-E

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

Sincerely,

*Timco Engineering Inc.*

**Canadian Certification**

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No. > 2066IC19

## TECHNICAL ACCEPTANCE CERTIFICATE

### Certification No.

> IC: 23507-EMW3166

### Issued To

> SHANGHAI MXCHIP  
INFORMATION  
TECHNOLOGY CO.,LTD.  
9th Floor, No.5, Lane2145  
JinshaJiang Road, Putuo  
District  
Shanghai 200333  
CHINA

### Tested By

> EMTEK (SHENZHEN) CO., LTD.  
Company No: 4480A  
Bldg 69, Majialong Industry Zone, Nanshan District  
Shenzhen, Guangdong 518052 CHINA  
86 755 26504659; 86-755-26954282  
[wangli@emtek.com.cn](mailto:wangli@emtek.com.cn); [dongling.su@emtek.com.cn](mailto:dongling.su@emtek.com.cn)

### Type of Equipment

> Modular Approval  
> Spread Spectrum/Digital Device (2400–2483.5 MHz)

### Type of Service

> New Family Certification

### Hardware Version Id Number (HVIN)

> EMW3166-P  
> EMW3166-E

### Firmware Version Id Number (FVIN)

> V0.5

### Product Marketing Name: (PMN)

> EMW3166-P  
> EMW3166-E

### Host Marketing (HMN)

> N/A

FREQUENCY RANGE	EMISSION DESIGNATIONS NECESSARY BANDWIDTH & EMISSION CLASSIFICATION	R.F. POWER	ANTENNA INFO	SPECIFICATION/ ISSUE & DATE
2412 – 2462 MHz	12M2G1D	0.064 – 0.085 W	FPC, 2dBi	RSS-247 Issue 2; Feb. 2017
2412 – 2462 MHz	16M5D1D	0.065 – 0.082 W	FPC, 2dBi	RSS-247 Issue 2; Feb. 2017
2412 – 2462 MHz	17M5D1D	0.052 – 0.069 W	FPC, 2dBi	RSS-247 Issue 2; Feb. 2017

Note1: This equipment also complies with RSS-102, Issue 5 (March 2015) and RSS-Gen, Issue 5 (March 2019)

Certification of equipment means only that the equipment has met the requirements of the above noted specifications. License applications, where applicable to use certified equipment, are acted on accordingly by the issuing office and will depend on the existing radio environment, service and location of operation.

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 et dépendent des conditions radio ambiantes, du service et de l'emplacement d'exploitation.

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.

Le présent certificat est délivré à la condition que le titulaire satisfasse et continue de satisfaire aux exigences et aux procédures d'Industrie Canada.

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

J'atteste par la présente que le matériel a fait l'objet d'essai et jugé conforme à la spécification ci-dessus.

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



## Canadian Certification

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DATE: August 13, 2019

# Canadian Certification