

EU – TYPE EXAMINATION CERTIFICATE
RADIO EQUIPMENT DIRECTIVE 2014/53/EU
Annex III Module B

MANUFACTURER

Name	:	Shanghai MXCHIP Information Technology Co., Ltd		
Address	:	9th Floor, B Building, No. 2145, JinshaJiang Road, Putuo District, ShangHai (200333)		
Contact Name & Title	:	Shujie Wang, Hardware Engineer		
Phone number & Email	:	13641603522, wangsj@mxchip.com		


PRODUCT DESCRIPTION

Trademark/Trade Name	:	MXCHIP		
Model Number	:	EMW3165-E		
Product Description	:	Embedded WiFi module		

TECHNICAL DOCUMENTATION

Identification	:	890701-01		
Signed by (Name & Title)	:	Jones Tsai, Director	Date :	November 21, 2018
Company Name	:	Shanghai MXCHIP Information Technology Co., Ltd		

NOTIFIED BODY

Certificate issued by	:	Notified Body 1177, TIMCO Engineering, Inc.		
Certificate number	:	TCF-1974CC18 (Original TCF-1868CC18 Nov 12, 2018)		
Name and Signature	:	Bruno Clavier 	Date :	November 25, 2018

The device shall be marked as follows: **CE** (Note: It is no longer allowed to use the Notified Body number next to the CE marking under conformity procedures of EU-Type Examination - Annex III)

Based on the evidence presented in the Technical Documentation, TIMCO Engineering, Inc., as appointed Notified Body, has issued this EU-Type Examination Certificate in accordance with Annex III Module B. The product described appears to be in conformity with the essential requirements Article 3.1(a), 3.1(b), and 3.2 of RED 2014/53/EU. This certificate is only valid in conjunction with the related Evaluation Report. This certificate is valid up to (1) the date of cessation of presumption of conformity of any of the superseded standards which were used for testing this product and assessed by Notified Body or (2) the date of modifications to the approved type that may affect the conformity of the apparatus with the essential requirements of this Directive or the conditions for validity of that certificate, whichever comes first.

TIMCO ENGINEERING, INC.
P.O. BOX 370
NEWBERRY, FL 32669
www.timcoengr.com

This Certificate is issued under the provision that TIMCO Engineering Inc. nor its subsidiary companies accept any liability concerning the contents of this document other than forced by law. Reproduction of the Certificate (with Annex) in full is allowed. Reproduction of parts of this certificate may only be allowed by written permission of TIMCO Engineering, Inc.



EU – TYPE EXAMINATION CERTIFICATE
ANNEX 1
TCF-1974CC18

Date: November 25, 2018

PRODUCT SPECIFICATIONS

Intended Use / Category	:	IEEE 802.11 b/g/n
RF output power	:	17.75dBm (EIRP)
Frequency range (MHz)	:	2400 – 2483.5 MHz
Modulation	:	DSSS/OFDM
Antenna type	:	External Antenna PCB Antenna

According to the Technical Documentation compiled by the Manufacturer, this radio equipment was assessed for compliance with the following standards, which were applied in full:

ESSENTIAL REQUIREMENTS ASSESSED

Aspects	Standard Number
Radio	: EN 300 328 V2.1.1
EMC	: Draft ETSI EN 301 489-1 V2.2.0 Draft ETSI EN 301 489-17 V3.2.0
EMF	: EN 62311:2008
Safety	: EN 60950-1:2006/A11:2009+A1:2010+A12:2011+A2:2013

LIST OF DOCUMENTS REVIEWED

Item	Exhibit Description	
1.	Copy of the Declaration of Conformity	<input checked="" type="checkbox"/>
2.	Agent/Representative authorization letter from Manufacturer (if application is filed by someone other than Manufacturer)	<input checked="" type="checkbox"/>
3.	Attestation letter for compliance with Article 10(2)	<input checked="" type="checkbox"/>
4.	Attestation letter and/or exhibits for compliance with Article 10(10) (i.e. info on packaging completed with users instructions)	<input checked="" type="checkbox"/>
5.	A general description of the radio equipment (e.g. Operational Description)	<input type="checkbox"/>
6.	Photographs or illustrations showing external features, marking and internal layout	<input checked="" type="checkbox"/>
7.	RED Annex VI Point 8 - Versions of software or firmware affecting compliance with essential requirements	<input checked="" type="checkbox"/>
8.	User information and installation instructions	<input type="checkbox"/>
9.	Conceptual design and manufacturing drawings and schemes of components, sub-assemblies, circuits and other relevant similar elements	<input type="checkbox"/>
10.	Descriptions and explanations necessary for the understanding of those drawings and schemes and the operation of the radio equipment	<input type="checkbox"/>
11.	RED Annex III module B - Analysis and assessment of the risk(s)	<input checked="" type="checkbox"/>
12.	Where the conformity assessment module in Annex III has been applied, copy of the EU-type examination certificate and its annexes as delivered by the notified body involved	<input type="checkbox"/>
13.	Results of design calculations made, examinations carried out, and other relevant similar elements	<input type="checkbox"/>

Item	Exhibit Description	
14.	Test reports 15020044-CE-S EN 60950-1 2015-03-02-Rev2 EA890701-01_R01_RF Exposure_Shanghai MXCHIP_EMW3165-E_Report EP890701-01_R01_Shanghai MXCHIP_EMW3165-E_Report ER890701-01_R01_EN300328_Shanghai MXCHIP_EMW3165-E_Report EW890701-01_R01_EN301489_Shanghai MXCHIP_EMW3165-E_Report	<input checked="" type="checkbox"/>

CERTIFICATE CONDITIONS:

This module may not be sold to the general public. This module is restricted to OEM installation only and must not be incorporated into any other device or system without retesting for compliance as multi-radio and combined equipment. OEM Integrators and Host manufacturers are ultimately responsible for the compliance of the Host + Module. The final product must be reassessed against all applicable essential requirements of the RED before it can be placed on the EU market. The module manufacturer is responsible for providing specific instructions to OEM and Host manufacturers about the retesting and reassessment of the final product against applicable essential requirements.