



**EU – TYPE EXAMINATION CERTIFICATE**

**RADIO EQUIPMENT DIRECTIVE 2014/53/EU**

**Annex III Module B**

**MANUFACTURER**

Name	:	Lumi United Technology Co., Ltd.
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**PRODUCT DESCRIPTION**

Trademark/Trade Name	:	Aqara
Model Number	:	HM2-G01
Product Description	:	Hub M2

**NOTIFIED BODY**

Certificate issued by	:	Notified Body 1177, TIMCO Engineering, Inc.		
Certificate number	:	1177-200543		
Name and Signature	:	Bruno Clavier		Date: November 6, 2020

The device shall be marked as follows: **CE**

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 relates only to the documents as provided to Timco Engineering, Inc. and is valid up to (1) the date of cessation of presumption of conformity of any of the superseded standards which were used for testing this product and assessed by Notified Body or (2) the date of modifications to the approved type that may affect the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.

<b>TIMCO ENGINEERING, INC.</b> 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.
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**1177-200543**

Date: November 6, 2020

**PRODUCT SPECIFICATIONS**

Intended Use / Category :	Wi-Fi
RF output power (type) :	Antenna A: 18.53dBm (EIRP) Antenna B: 18.42dBm (EIRP) MIMO: 17.44dBm (EIRP)
Frequency range (MHz) :	2412-2472MHz for 802.11b/g/n(HT20) 2422-2462MHz for 802.11b/g/n(HT40)
Modulation :	DBPSK, BPSK, DQPSK, QPSK, 16QAM, 64QAM
Antenna type and Gain :	PCB

Intended Use / Category :	Bluetooth V5.0(Only BLE)
RF output power (type) :	1M: 5.50dBm (EIRP) 2M: 5.48dBm (EIRP)
Frequency range (MHz) :	2402-2480MHz
Modulation :	GFSK
Antenna type and Gain :	PCB

Intended Use / Category :	ZigBee
RF output power (type) :	8.67dBm (EIRP)
Frequency range (MHz) :	2405MHz-2480MHz
Modulation :	OQPSK
Antenna type and Gain :	PCB

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**

Essential Requirement	Standard Number & Version
Radio (Article 3.2) :	ETSI EN 300 328 V2.2.2 (2019-07)
EMC (Article 3.1b) :	ETSI EN 301 489-1 V2.2.3 (2019-11) ETSI EN 301 489-17 V3.2.4 (2020-09)
Health (Article 3.1a) :	EN IEC 62311:2020 EN 50665:2017
Safety (Article 3.1a) :	EN 62368-1:2014+A11:2017

**LIST OF DOCUMENTS REVIEWED**

Item	Exhibit Description	
1	Copy of the Declaration of Conformity	<input checked="" type="checkbox"/>
2	Letter from Manufacturer/Applicant authorizing the agent and/or representative, if application is filed by someone other than the Manufacturer.	<input checked="" type="checkbox"/>
3	Attestation letter demonstrating compliance with Article 10(2)	<input checked="" type="checkbox"/>
4	Letter of Attestation and/or exhibits for compliance with Article 10(10) (i.e. info on packaging with user instructions)	<input checked="" type="checkbox"/>

Item	Exhibit Description (Cont.)		
5	A brief description of the radio equipment (e.g. Operational Description)		<input checked="" type="checkbox"/>
6	Photographs or illustrations showing external features, marking and internal layout		<input checked="" type="checkbox"/>
7	RED Annex VI Point 8 - Where applicable, a description/or declaration statement about the versions of software or accessories and components affecting compliance with essential requirements. Alternatively, indicate whether the manufacturer intends to allow the end-user to change or modify the hardware and software.		<input checked="" type="checkbox"/>
8	User information and installation instructions		<input checked="" type="checkbox"/>
9	Conceptual design and manufacturing drawings and schemes of components, sub-assemblies, circuits and other relevant similar elements (i.e. Schematics and Block Diagrams)		<input checked="" type="checkbox"/>
10	Descriptions and explanations necessary for the understanding of those drawings and schemes and the operation of the radio equipment (i.e. a Circuit Description where applicable)		<input checked="" type="checkbox"/>
11	RED Annex III module B - Analysis and assessment of the risk(s)		<input checked="" type="checkbox"/>
12	Modification/Standard Update/Applicant or Manufacturer info change letter explaining the changes to the existing version of the product along with supporting exhibits (e.g. photos, schematics, new applicant details, etc.)		<input type="checkbox"/>
13	Copy of the EU-type examination certificate and annexes as delivered by other notified bodies involved in the conformity assessment (e.g. original certificates in case of product modifications, modules certificates, etc.)		<input type="checkbox"/>
14	<b>Test Reports</b>		<input checked="" type="checkbox"/>
	<b>Radio / EMC / Health / Safety</b>	<b>Test Report Number</b>	<b>Issue Date/ Rev. No</b>
	Radio	WTX20X09067942W-1	Oct. 27, 2020 / 00
	Radio	WTX20X09067942W-2	Oct. 27, 2020 / 00
	Radio	WTX20X09067942W-3	Oct. 27, 2020 / 00
	Health	WTX20X09067942W-4	Oct. 27, 2020 / 00
	EMC	WTX20X09067942W-5	Oct. 27, 2020 / 00
	Safety	WTX20X09067986S	Sep. 29, 2020