



UK – TYPE EXAMINATION CERTIFICATE

RADIO EQUIPMENT REGULATIONS 2017 (SI 2017/1206)

Schedule 3 Module B

MANUFACTURER

Name	:	Lumi United Technology Co., Ltd
Address	:	8th Floor, JinQi Wisdom Valley, No.1 Tangling Road, Liuxian Ave, Taoyuan Residential District, Nanshan District, Shenzhen, China
Contact Name & Title	:	Freddie Duan & Manager
Email	:	hang.duan@lumiunited.com
Phone number	:	0755-86635126

PRODUCT DESCRIPTION

Trademark/Trade Name	:	Aqara
Model Number	:	WSDCGQ11LM
Product Description	:	Temperature and Humidity Sensor

NOTIFIED BODY

Certificate issued by	:	Approved Body 1177, TIMCO Engineering, Inc.
Certificate number	:	U1177-210224
Name and Signature	:	Bruno Clavier <i>Bruno Clavier</i> Date: May 18, 2021

The device shall be marked as follows:



Based on the evidence presented in the Technical Documentation, TIMCO Engineering, Inc., as appointed Approved Body, has issued this UK-Type Examination Certificate in accordance with Schedule 3, Module B. The product described appears to be in conformity with the essential requirements Regulation 6.1(a), 6.1(b), and 6.2 of RER 2017 (SI 2017/1206). 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to Timco Engineering, Inc. and is valid up to (1) the date of cessation of presumption of conformity of any of the superseded standards which were used for testing this product and assessed by Approved Body or (2) the date of modifications to the approved type that may affect the conformity of the apparatus with the essential requirements of SI 2017/1206 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.
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Date: May 18, 2021

PRODUCT SPECIFICATIONS

Intended Use / Category	: ZigBee
RF output power	: 9.64dBm EIRP
Frequency range (MHz)	: 2405MHz~2480MHz
Modulation	: O-QPSK
Antenna type	: PCB Antenna/2dBi

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 (Regulation 6.2)	: ETSI EN 300 328 V2.2.2: 2019-07
EMC (Regulation 6.1b)	: ETSI EN 301 489-1 V2.1.1: 2017-02 ETSI EN 301 489-17 V3.1.1: 2017-02
Health (Regulation 6.1a)	: EN62479: 2010
Safety (Regulation 6.1a)	: 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 Regulation 8	<input checked="" type="checkbox"/>
4	Letter of Attestation and/or exhibits for compliance with Regulation 14 (i.e. info on packaging with user instructions)	<input checked="" type="checkbox"/>
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	RER Schedule 6 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	RER Schedule 3 module B - Analysis and assessment of the risk(s)	<input 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"/>

Item	Exhibit Description (Cont.)		
13	Copy of the UK-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	Test Reports		<input checked="" type="checkbox"/>
	Radio / EMC / Health / Safety	Test Report Number	Issue Date/ Rev. No
	Radio	CTC20210811E01	May. 11, 2021 / 01
	EMC	GTI20170941E-1	Nov. 14, 2017
	Health	GTI20170941E-3	Nov. 14, 2017
	Safety	CTC20201263S01	Sep. 04, 2020