

EU TYPE EXAMINATION CERTIFICATE

Issue Date: 5/28/2019

Applicant:

Shenzhen Sipeed Technology Co., Ltd
Room 401, BLDG A, Huafeng Smart Innovation Port,
Gushu, Bao'an
Shenzhen, China

Manufacturer:

Same as Applicant

Model Number/Name: Sipeed M1w

Product Description: Sipeed M1w

Serial Number: N/A

Hardware version: Sipeed M1w 3.18

Software version: maixpy 0.2.2 preview.bin / ESP8266 AT Bin V1.6.2

Frequency Band(s): 2412MHz~2472MHz for 802.11b/g/n20

Transmit Power Range(s):

802.11b:12.26dBm

802.11g:10.95dBm

802.11n20:10.58dBm

Modulation Type(s):

IEEE 802.11b : DSSS (DBPSK, DQPSK, CCK)

IEEE 802.11g/n (HT20) : OFDM

(64QAM, 16QAM, QPSK, BPSK)

Channel Spacing(s): 5MHz

Duty Cycle: 100%

Microprocessor Model Number(s): N/A

Antenna Type(s) and Gain(s): FPCB antenna (Antenna Gain: 2.5dBi)

HEADQUARTERS: 914 WEST PATAPSCO AVENUE • BALTIMORE, MARYLAND 21230 • PHONE (410) 354-3300 • FAX (410) 354-3313

Essential Requirement		Applied Specifications/Standards	Documentary Evidence	Result
Art. 3.1(a)	Safety	N/A	N/A	N/A
Art. 3.1 (a)	Health	EN 62311: 2008	Test Report	Pass
Art. 3.1(b)	EMC	EN 55032:2015+AC:2016 EN 55035:2017 EN 61000-3-2:2014 EN 61000-3-3:2013 (Draft) ETSI EN 301 489-1 V2.2.1 (2019-03) (Draft) ETSI EN 301 489-17 V3.2.0 (2017-03)	Test Report	Pass
Art. 3.2	Radio	ETSI EN 300 328 V2.1.1 (2016-11)	Test Report	Pass

Examination Result: Based on the reports provided and the information therein, the equipment referenced above is compliant to these specifications.

The scope of evaluation relates to the submitted documents only.

This Certificate is issued in accordance with Annex III, Module B, of the RE directive 2014/53/EU of 16 April 2014 and is only valid in conjunction with the attached Annex.

Grace xi
Grace Xi

Technical Reviewer
REDCA Program, Eurofins MET Labs

Project Number: 409-5-2019-103864

Technical Construction File (TCF) Details

<i>To demonstrate conformity with Article 3.1(a) Health</i>		
Applied Standards		
EN 62311: 2008		
Report or Certificate No.	Issue Date	Issued by
MTi190508E029	05/09/19	Shenzhen Microtest Co., Ltd.
<i>To demonstrate conformity with Article 3.1(b) EMC</i>		
Applied Standards		Version
EN 55032:2015+AC:2016		
EN 55035:2017		
EN 61000-3-2:2014		
EN 61000-3-3:2013		
(Draft) ETSI EN 301 489-1	V2.2.1 (2019-03)	
(Draft) ETSI EN 301 489-17	V3.2.0 (2017-03)	
Report or Certificate No.	Issue Date	Issued by
MTi190508E028	05/09/19	Shenzhen Microtest Co., Ltd.
MTi190509E036	05/09/19	Shenzhen Microtest Co., Ltd.
<i>To demonstrate conformity with Article 3.2 Spectrum Efficiency</i>		
Applied Standards		Version
ETSI EN 300 328		V2.1.1 (2016-11)
Report or Certificate No.	Issue Date	Issued by
MTi190508E027	05/09/19	Shenzhen Microtest Co., Ltd.