

Certificate Number T.2020.01.0003
 Certificate Holder Shenzhen Bilian Electronic Co.,Ltd.
 Certificate Holder Address Building B1, Zhongxing Industrial Zone, Juling
 Jutang Community, Guanlan street, LongHua district
 Shenzhen, China
 Product Model Name BL-M8821CU1
 Product Description IEEE 802.11a/b/g/n/ac(1T1R)USB WIFI+BT Combo
 Module
 Manufacturer
 (if different from Certificate Holder)

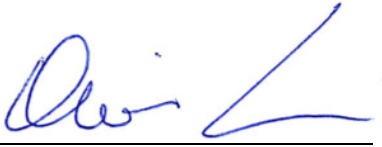
Type Examination Certificate	In accordance with Annex III of Council Directive 2014/53/EU, Radio Equipment Directive (RED), and the mutual recognition of their conformity we give our opinion that the submitted documentation for the apparatus identified above complies with the requirements of the directive in the scope stated below.
Marking	The apparatus shall be marked with the CE mark as required by the Council Directive 2014/53/EU.
Validity	The conformity stated in this EU-Type Examination Certificate is provided until the assessed type of equipment or the standard(s) has(have) undergone changes or modifications but not later than 10 years after the issue date of this certificate.
Annex	The certificate is only valid together with the annex.

Conformity Assessment

Essential Requirement	Examined Documentation	Result
Safety RED, Article 3.1a	Technical Documentation	conform
Health RED, Article 3.1a	Technical Documentation	conform
EMC RED, Article 3.1b	Technical Documentation	conform
Radio Spectrum RED, Article 3.2	Technical Documentation	conform

CE 2784

St. Ingbert, 06.01.2020
 Place, issue date


 Authorized Signature

Product Characteristics

Brand Name	N/A
Hardware Version	1.1
Software Version	V1.1
Operating Frequency	WLAN2.4 2412 – 2472 MHz
	WLAN5.1 5180 – 5240 MHz
	WLAN5.8 5745 – 5825 MHz
	Bluetooth 2402 – 2480 MHz
Output Power	WLAN2.4 16.94 dBm EIRP
	WLAN5.1 14.00 dBm EIRP
	WLAN5.8 11.00 dBm EIRP
	Bluetooth 3.96 dBm EIRP
Antenna	External Antenna(s)
Temperature	-10°C - +50°C

Evaluated Test Reports

Essential Requirement	Examined Documentation
Safety RED, Article 3.1a	EN 60950-1: 2006 + A11: 2009 + A1: 2010 + A12: 2011 + A2:2013 Report-No.: GTS20191209006-2-3 issued by Shenzhen Global Test Service Co.,Ltd.
Health RED, Article 3.1a	EN 62311:2008 Report-No.: GTS20191209006-2-33 issued by Shenzhen Global Test Service Co.,Ltd.
EMC RED, Article 3.1b	EN 301 489-1 V2.2.3 (2019-11), EN 301 489-3 V2.1.1(2019-03), EN 301 489-17 V3.1.1(2017-02), EN 55032:2015, EN 55035:2017 , EN 61000-3-2:2014, EN 61000-3-3:2013 Report-No.: GTS20191209006-2-27 issued by Shenzhen Global Test Service Co.,Ltd.
Radio Spectrum RED, Article 3.2	EN 300 328 V2.1.1: 2016-11 Report-No.: GTS20191209006-2-28 issued by Shenzhen Global Test Service Co.,Ltd. EN 300 328 V2.1.1: 2016-11 Report-No.: GTS20191209006-2-29 issued by Shenzhen Global Test Service Co.,Ltd.

EN 300 328 V2.1.1: 2016-11

Report-No.: GTS20191209006-2-30 issued by Shenzhen Global Test Service Co.,Ltd.

EN 301 893 V2.1.1 (2017-05)

Report-No.: GTS20191209006-2-31 issued by Shenzhen Global Test Service Co.,Ltd.

EN 300 440 V2.2.1 (2018-07)

Report-No.: GTS20191209006-2-32 issued by Shenzhen Global Test Service Co.,Ltd.

Limitations / Restrictions

- Body SAR was calculated with a separation distance of 20 cm.
- The assessed Technical Construction File is part of the application.

Notes

- Changes / Amendments of the specified regulations and standards during the validity of this certificate require a re-assessment of the product before placement on the market.
- The manufacturer is obliged to take all necessary measures to ensure ongoing conformity of the manufactured product with the approved type as described in this certificate and the requirements of Directive 2014/53/EU.
- The CE mark shall be affixed to each item of radio equipment that is in conformity with the type described in this certificate and that satisfies the applicable Directive requirements.
- A copy of the Declaration of Conformity drawn up by the manufacturer for each radio equipment type shall be made available to the relevant authorities and must be kept at their disposal for at least 10 years after the radio equipment has been placed on the market.