

C E R T I F I C A T E

of Conformity

Directive 2014/53/EU

On The Radio Equipment Directive

Certificate No. : AT1813C502259125
Report No. : Please see page 2(Technical Documentation Identification)
Applicant : Makeblock Co., Ltd.
Address : Floor 4, Building C3, Nanshan iPark, No. 1001 Xueyuan Avenue, Nanshan District, Shenzhen, Guangdong Province, 518000, China
Product Name : xTool F2 Ultra
Date : 2025-06-27
Manufacturer : Makeblock Co., Ltd.
Address : Floor 4, Building C3, Nanshan iPark, No. 1001 Xueyuan Avenue, Nanshan District, Shenzhen, Guangdong Province, 518000, China
Model No. : MXF-K003-002, MXF-K004-002
Trade Mark : xTool
Rating(s) : Input: 24V=16.67A

The radio equipment meets the following essential requirements		Complied
Article 3(1)(a) ■ Safety	EN ISO 12100:2010 EN 60204-1:2018	Yes
Article 3(1)(a) ■ Health	EN IEC 62311: 2020	Yes
Article 3(1)(b) ■ EMC	ETSI EN 301 489-1 V2.2.3 (2019-11) ETSI EN 301 489-3 V2.3.2 (2023-01) ETSI EN 301 489-17 V3.2.4 (2020-09) EN 55032:2015+A1:2020 EN IEC 61000-3-2:2019+A1:2021 EN 61000-3-3:2013+A2: 2021 EN 55035:2017+A11:2020	Yes
Article 3(2) ■ Radio	ETSI EN 300 328 V2.2.2 (2019-07) ETSI EN 301 893 V2.1.1 (2017-05) ETSI EN 300 440 V2.2.1 (2018-07)	Yes

Note: The attached Annex forms part of this certificate which consists of 2 pages.

Certified by



KingKong Jin



The CE Marking may only be used if all relevant and effective EU Directives are complied with



Shenzhen Anbotek Compliance Laboratory Limited
Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China.

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**Annex
of RED Certificate
Certificate Number: AT1813C502259125**

Product Specifications	
Frequency Range:	BLE: 2402MHz to 2480MHz WiFi 2.4G: 2412MHz to 2472MHz WiFi 5.2G: 5180MHz to 5240MHz WiFi 5.3G: 5260MHz to 5320MHz WiFi 5.6G: 5500MHz to 5700MHz WiFi 5.8G: 5745MHz to 5825MHz
Maximum Output Power:	BLE: 6.52dBm Max. WiFi 2.4G: 15.25dBm Max. WiFi 5.2G: 14.18dBm Max. WiFi 5.3G: 13.86dBm Max. WiFi 5.6G: 15.11dBm Max. WiFi 5.8G: 12.35dBm Max.
Modulation:	BLE: GFSK WiFi 2.4G: DSSS, OFDM, OFDMA WiFi 5G: OFDM, OFDMA
Max. Antenna Gain:	BLE: 1.72dBi WiFi 2.4G: 3.22dBi WiFi 5.2G: 1.32dBi WiFi 5.3G: 2.08dBi WiFi 5.6G: 3.52dBi WiFi 5.8G: 3.59dBi
Type of Antenna:	BLE: PCB Antenna WiFi 2.4G&5G: Rod Antenna

Technical Documentation Identification

Test Report	
Article 3(1)(a) ■ Safety	1813C50228722101
Article 3(1)(a) ■ Health	1813C50225912503H
Article 3(1)(b) ■ EMC	1813C50225912501E 1813C50225912502E
Article 3(2) ■ Radio	1813C50225912504W 1813C50225912505W 1813C50225912506W 1813C50225912507W

Notes:

1. The certificate of conformity is based on an evaluation of a sample of the above-mentioned product. Technical report and documentation are at the applicant's disposal. This is to certify that the tested sample is in compliance with the requirements of article 3 of the Radio Equipment Directive 2014/53/EU. The certificate does not imply assessment of the production and does not permit the use of Lab's logo. The applicant of the certificate is authorized to use this certificate in connection with EU declaration of conformity to article 18 of the Directive.
2. The manufacturer shall affix the CE marking to each item of radio equipment that is in conformity with the certificate and satisfies the applicable requirement of the Directive.
3. The manufacturer shall draw up a written EU declaration of conformity for each radio equipment type and keep it at the disposal of the national authorities for 10 years after the radio equipment has been placed on the market. The EU declaration of conformity shall identify the radio equipment type for which it has been drawn up. A copy of the EU declaration of conformity shall be made available to the relevant authorities upon request.

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