

# CERTIFICATE

Anbotek

Product Safety

## CERTIFICATE Of Conformity Directive 2014/53/EU On The Radio Equipment Directive

**Certificate No.:** AT18220WC200140  
**Certificate Holder:** Jinan USR IOT Technology Limited  
**Address:** Floor F1 & Part of Floor F2, Building No. 9, Diya shuang chuang Industrial Zone, No.2566, Century Main Road, Gaoxin District, Jinan City.  
**Manufacturer:** Jinan USR IOT Technology Limited  
**Address:** Floor F1 & Part of Floor F2, Building No. 9, Diya shuang chuang Industrial Zone, No.2566, Century Main Road, Gaoxin District, Jinan City.  
**Product Name:** 4G Router  
**Model No.:** USR-G806-E, USR-G806, USR-G806-10, USR-G806-31, USR-G806-42, USR-G806-43, USR-G806-7D, USR-G806-A, USR-G806-AU, USR-G806-V, USR-G806-45, USR-G806-46, USR-G806-47, USR-G806-48, USR-G806-49, USR-G806-7G, USR-G806-7A, USR-G806-7B, USR-G806-7C, USR-G806-7E, USR-G806-7F, USR-G800 V2, USR-G805, USR-G808, GW-R4513, USR-DR801, USR-G807, USR-G816, GW-R6315, USR-G781, USR-G809, USR-G817, USR-RM02, USR-G781 V2, USR-G810, USR-G818, USR-RM03, USR-G815, USR-G819, USR-M816, USR-G806s, USR-G802

**Trade Mark:**



**Rating:** Input: DC 5-36V,1A MAX(Via adapter Input: AC 100~240V, 50/60Hz, 0.4A Max; Output: DC 12V, 1A)

The radio equipment meets the following essential requirements		Complied
Article 3(1)(a) ■ Safety	EN 62368-1:2014+A11:2017	Yes
Article 3(1)(a) ■ Health	EN 62311: 2008	Yes
Article 3(1)(b) ■ EMC	ETSI EN 301 489-1 V2.1.1 (2017-02) ETSI EN 301 489-17 V3.1.1 (2017-02) ETSI EN 301 489-52 V1.1.0 (2016-11) EN 55032: 2015; EN 55035: 2017	Yes
Article 3(2) ■ Radio	ETSI EN 300 328 V2.2.2 (2019-07) ETSI EN301 511 V12.5.1 (2017-03) ETSI EN 301 908-1 V11.1.7 (2018-12) ETSI EN 301 908-2 V11.1.2 (2017-08) ETSI EN 301 908-13 V11.1.2 (2017-07)	Yes

Note: The attached Annex forms part of this certificate which consists of 3 pages.

**Jan. 26, 2022**

**Date**



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



**Certified by**

**Kingkong Jin**

**Shenzhen Anbotek Compliance Laboratory Limited**  
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## Annex of RED Certificate Certificate Number: AT18220WC200140

Product Specifications	
Frequency Range:	2.4G WIFI:2412~2472MHz GSM 900: 880 -915 MHz (TX); 935 - 960 MHz (RX) DCS1800: 1710 -1785 MHz (TX); 1805-1880 MHz (RX) WCDMA2100:1920MHz-1980MHz WCDMA900:880MHz-915MHz LTE :FDD:Band1:TX:1920MHz~1980MHz, RX:2110MHz~2170MHz LTE :FDD:Band3:TX:1710MHz~1785MHz, RX:1805MHz~1880MHz FDD:Band7:TX:2500MHz~2570MHz, RX:2620MHz~2690MHz LTE :FDD:Band8:TX:880MHz~915MHz, RX:925MHz~960MHz FDD:Band20:TX:832MHz~862MHz, RX:791MHz~821MHz LTE :TDD: Band38:2570MHz~2620MHz LTE :TDD: Band40:2300MHz~2400MHz
RF Output Power (EIRP):	2.4G WiFi: 14.98dBm GSM900: 29.23dBm DCS1800: 26.56dBm WCDMA900: 24.72 dBm WCDMA2100: 24.7dBm LTE Band 1: 23.08dBm LTE Band 3: 23.7dBm LTE Band 7: 23.34dBm LTE Band 8: 24.27dBm LTE Band 20: 24.47dBm LTE Band 38: 23.77dBm LTE Band 40: 24.33dBm
Modulation Type:	2.4G WiFi: CCK, DQPSK, DBPSK for DSSS 64QAM, 16QAM, QPSK, BPSK for OFDM GSM900/1800: GMSK,8PSK WCDMA900/2100:QPSK,16QAM LTE FDD/TDD:QPSK,16QAM
Antenna Gain(Peak):	2.4G WIFI: 3 dBi GSM 900: 2.5 dBi; DCS1800: 2.5 dBi WCDMA900: 2.5 dBi; WCDMA2100: 2.5 dBi LTE Band 1: 2.5 dBi LTE Band 3: 2.5 dBi LTE Band 7: 2.5 dBi LTE Band 8: 2.5 dBi LTE Band 20: 2.5 dBi LTE Band 38: 2.5 dBi LTE Band 40: 2.5 dBi
Antenna Type:	2.4G WIFI:Columnar Antenna GSM900/1800: Columnar Antenna WCDMA900/2100: Columnar Antenna LTE Band 1/3/7/8/20/38/40: Columnar Antenna



### Technical Documentation Identification

Test Report	
Article 3(1)(a) ■ Safety	18220WC20014002S
Article 3(1)(a) ■ Health	18220WC20014003H
Article 3(1)(b) ■ EMC	18220WC20014001E
Article 3(2) ■ Radio	18220WC20014004W, 18220WC20014005W, 18220WC20014006W, 18220WC20014007W

### 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.

### Shenzhen Anbotek Compliance Laboratory Limited

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