

# CERTIFICATE

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

**Certificate No.:** AT18220WC102731  
**Certificate Holder:** Jinan USR IOT Technology Limited  
**Address:** Floor 13, CEIBS Alumni Industrial Building, No. 3 Road of Maoli ngsan, Lixia District, Jinan, Shandong  
**Manufacturer:** Jinan USR IOT Technology Limited  
**Address:** Floor F1 & Part of Floor F2, Building No. 9, Diya shuang chuan Industrial Zone, No.2566, Century Main Road, Gaoxin District Jinan, Shandong China  
**Product Name:** LTE Cat 1 Modem  
**Model No.:** USR-DR502, USR-G771, USR-G772, USR-G776, USR-DR154, USR-DR152, USR-DR150, USR-DR156, USR-DR512, USR-DR516, USR-DR506, WH-GM5, WH-G401tf, WH-G400tf, WH-LTE-7S1, WH-LTE-7S3, WH-GM6, WH-GM600  
**Trade Mark:**   
**Rating(s) :** Input: 100-240V~50/60Hz 0.4A

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 IEC 62311: 2020	Yes
Article 3(1)(b) ■ EMC	ETSI EN 301 489-1 V2.2.3 (2019-11) ETSI EN 301 489-52 V1.2.1 (2021-11)	Yes
Article 3(2) ■ Radio	ETSI EN301 511 V12.5.1(2017-03) ETSI EN 301 908-1 V15.1.1 (2021-09) ETSI EN 301 908-13 V13.1.1 (2019-11)	Yes

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

Jan. 18, 2022  
Date



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**

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## Annex of RED Certificate Certificate Number: AT18220WC102731

Product Specifications	
Frequency Range:	GSM 900: 880 -915 MHz (TX); 935 - 960 MHz (RX) DCS1800: 1710 -1785 MHz (TX); 1805-1880 MHz (RX) FDD- LTE: Band1: 1920-1980 MHz (TX); 2110-2170 MHz (RX) Band3: 1710-1785 MHz (TX); 1805-1880 MHz (RX) Band7: 2500-2570 MHz (TX); 2620-2690 MHz (RX) Band8: 880-915 MHz (TX); 925-960 MHz (RX) Band20: 832-862 MHz (TX); 791-821 MHz (RX) Band28: 703-748 MHz (TX); 758-803 MHz (RX)
RF Output Power (EIRP):	GSM900: 29.27dBm Max. DCS1800: 27.39dBm Max. FDD- LTE: Band1:TX: 24.02dBm Max. Band3:TX: 25.33dBm Max. Band7:TX: 24.25dBm Max. Band8:TX: 24.97dBm Max. Band20:TX: 23.65dBm Max. Band28:TX: 21.87dBm Max.
Modulation:	GSM: GMSK for GPRS, GMSK/8PSK for EGPRS LTE: QPSK,16QAM
Max. Antenna Gain:	GSM/LTE: external antenna
Type of Antenna:	GSM: 2 dBi (Provided by customer) LTE Band1/3/7/8/20/28: 2 dBi (Provided by customer)

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## Technical Documentation Identification

Test Report	
Article 3(1)(a) ■ Safety	18220WC10273102S
Article 3(1)(a) ■ Health	18220WC10273103H
Article 3(1)(b) ■ EMC	18220WC10273101E
Article 3(2) ■ Radio	18220WC10273104W 18220WC10273105W

### 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 places 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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