

JDY-23 蓝牙天线测试报告

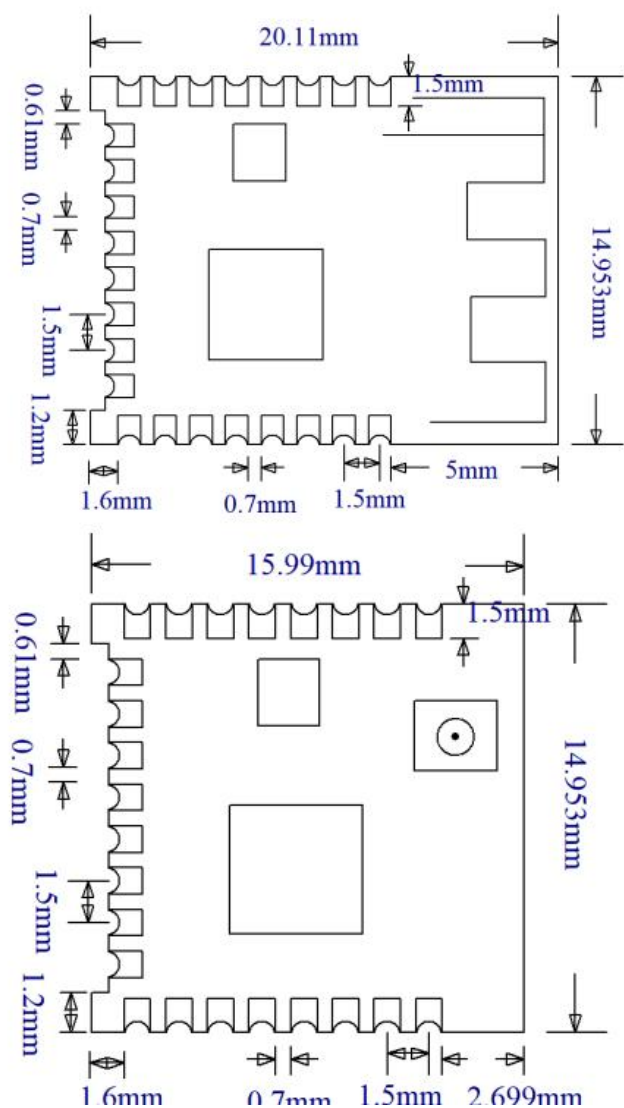
JDY-23 BT Antenna Test Report

-RFsister

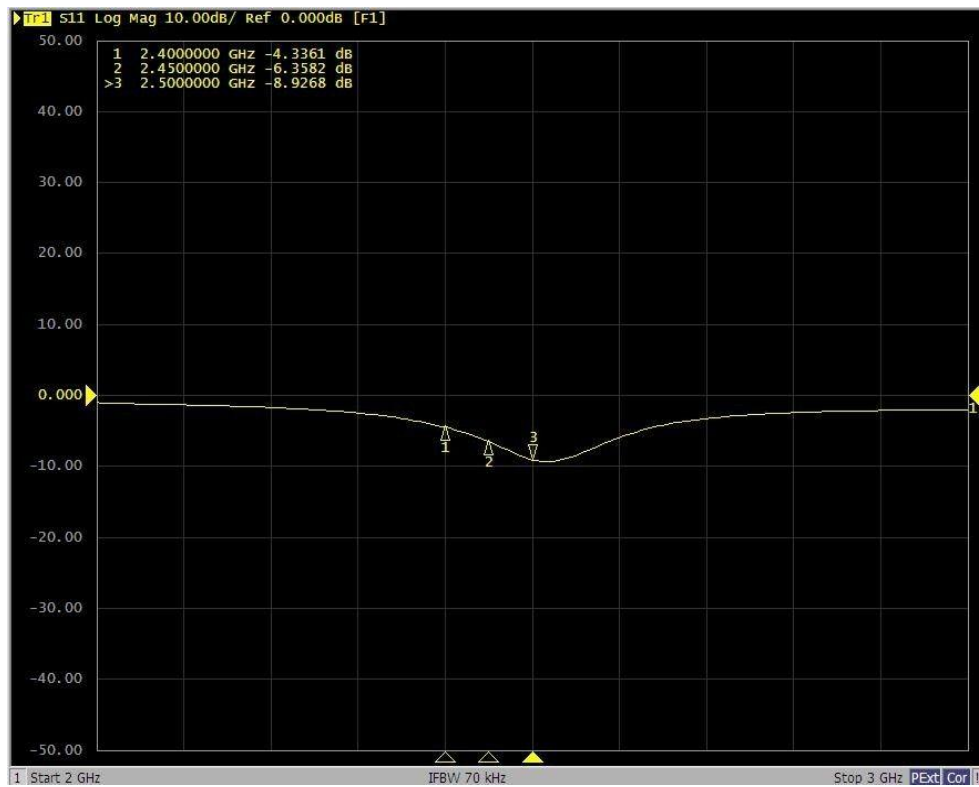
1.Electrical Characteristics

No.	Item	Specifications
1	Working Central Frequency	2450 MHz
2	Band Width	± 75 MHz (2400~2500MHz)
3	Gain	(-5.86) - (-3.68) dBi
4	V.S.W.R (in BW)	≤ 4.3
5	Polarization	Linear
6	Azimuth Beam width	Omni-directional
7	Impedance 阻抗	50

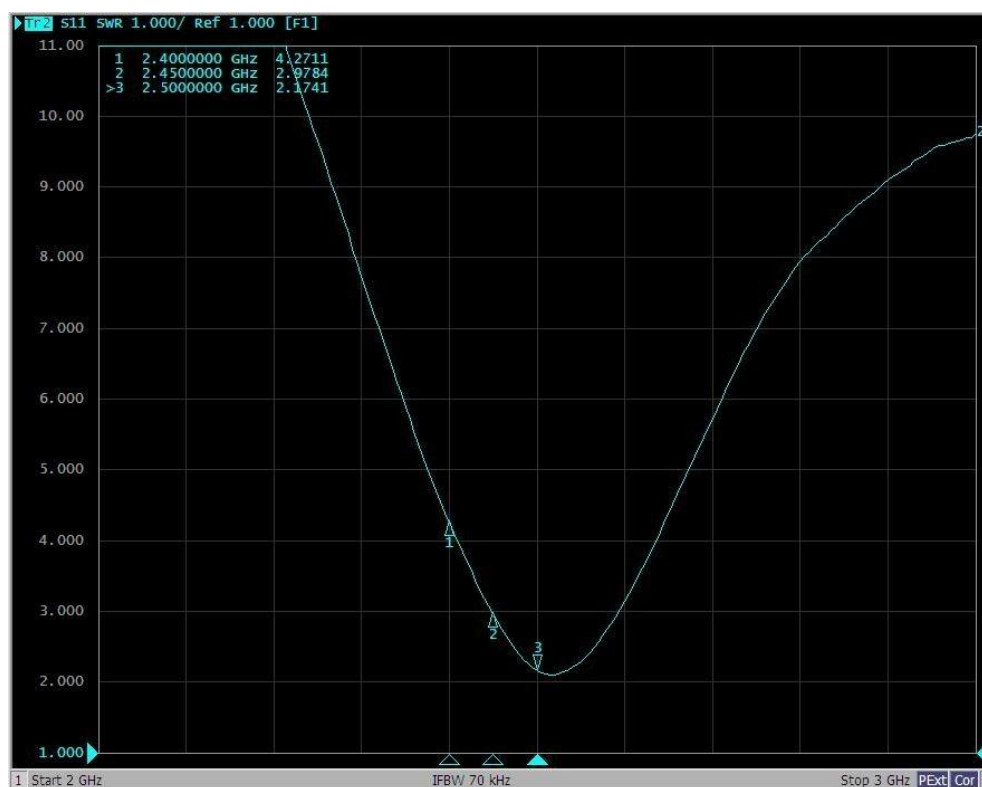
六、模块封装尺寸图



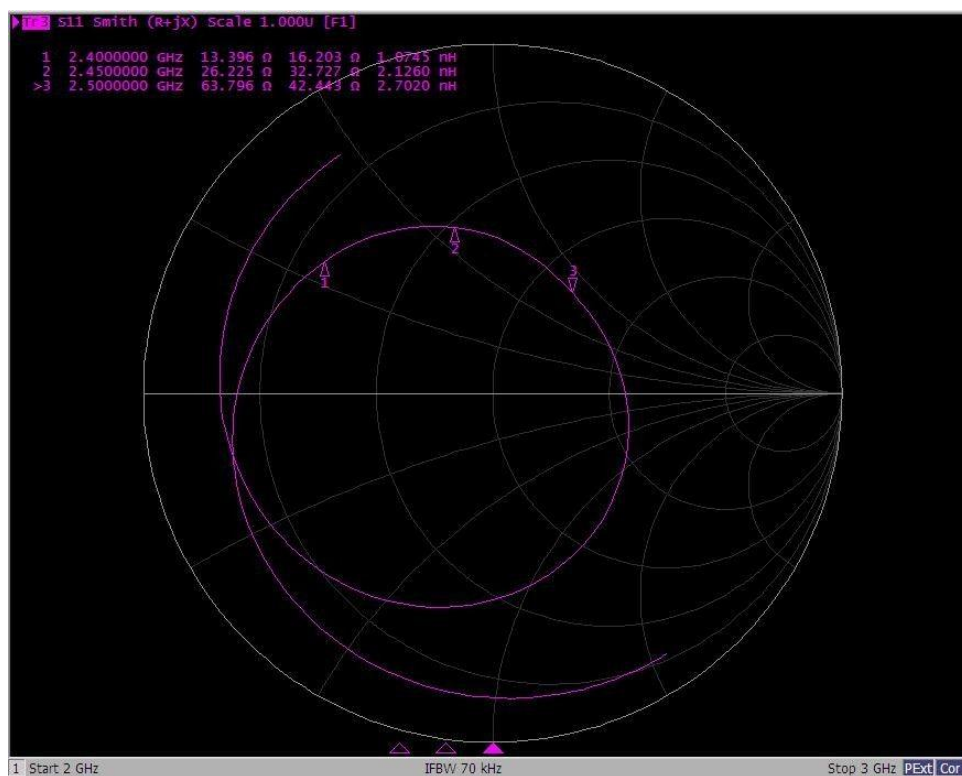
2.Return Loss and Smith Chart Return Loss



V.S.W.R



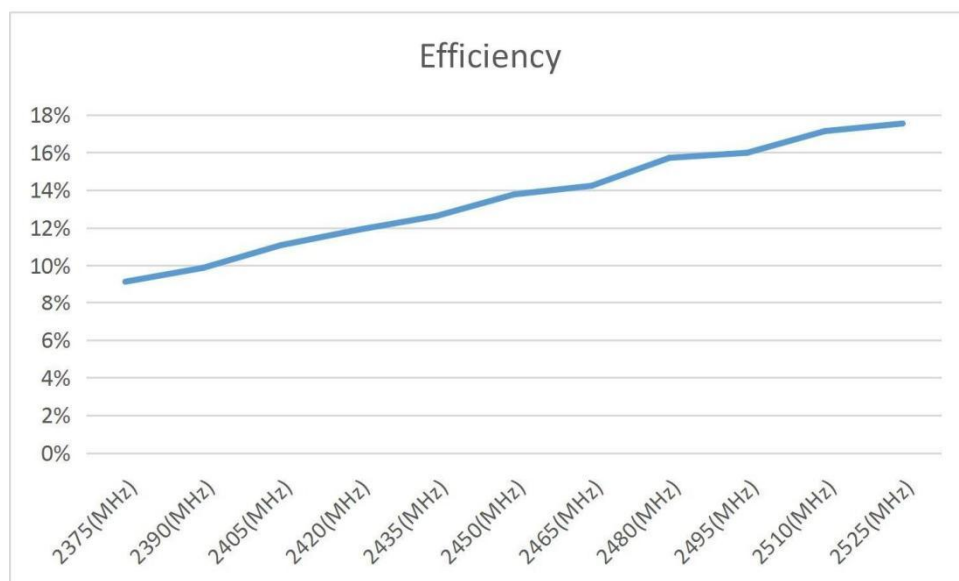
Smith Chart

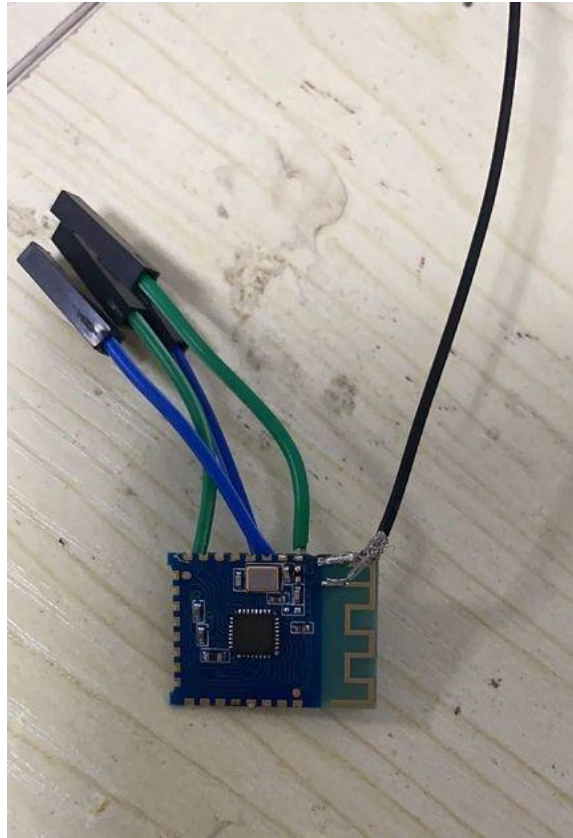


3.Physical Test Environment

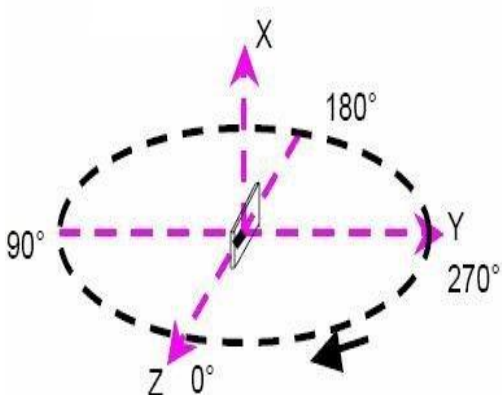
E5071C 网络分析仪

4.Shape of the antenna

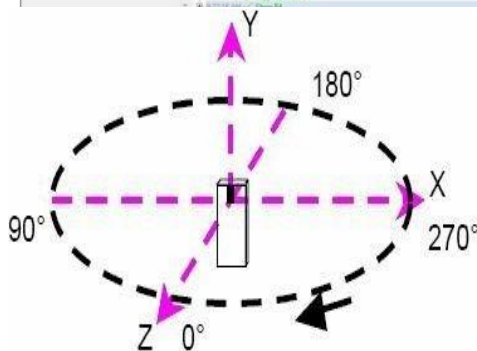
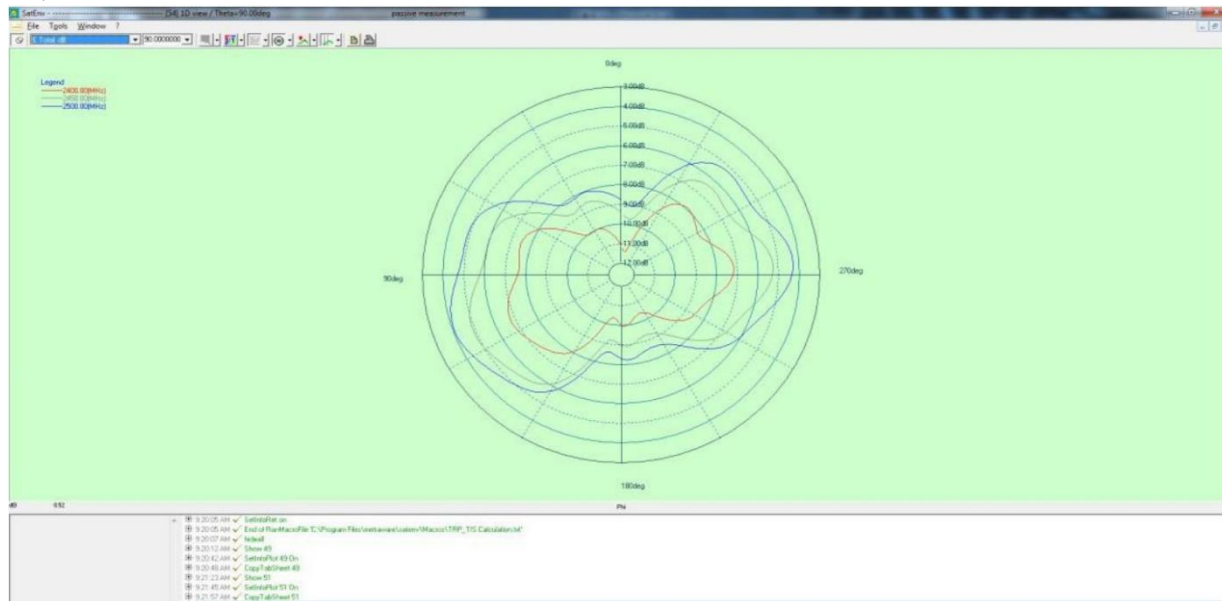




Efficiency:



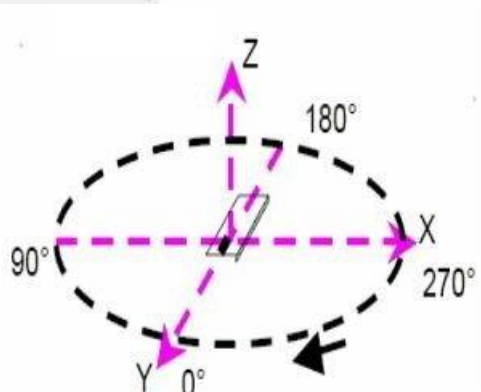
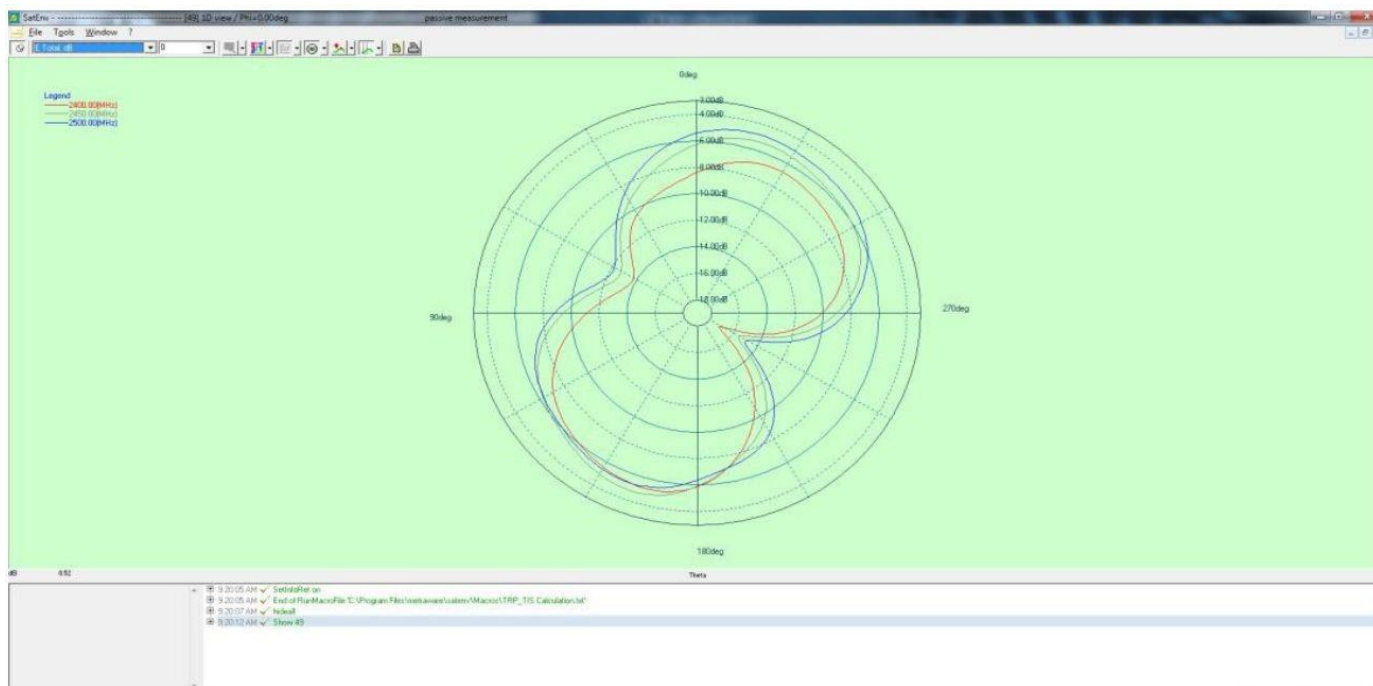
H pattern



E1 pattern

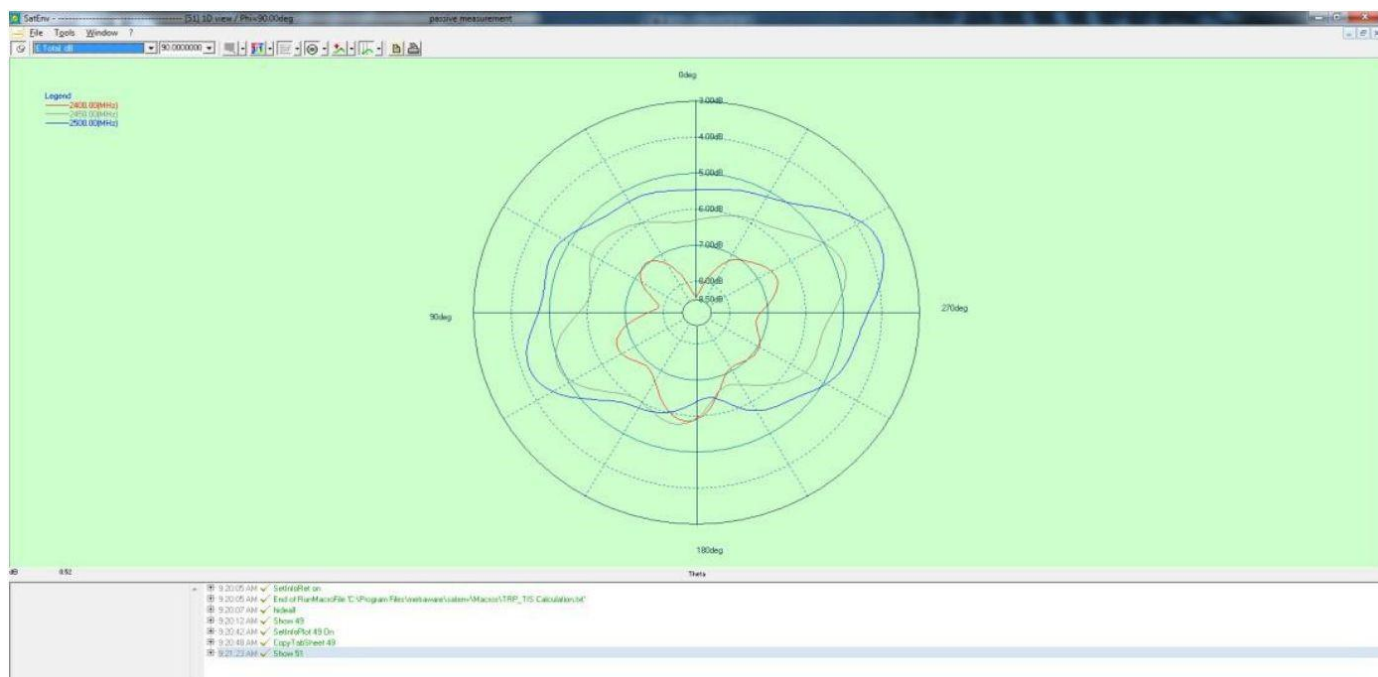
Fre(Mhz)	Max gain(dB)	Degree
2400 (MHz)	-6.79 dB	114.00 deg
2450 (MHz)	-4.92 dB	112.00 deg
2500 (MHz)	-4.07 dB	108.00 deg

Fre(Mhz)	Max gain(dB)	Degree
2400 (MHz)	-5.29 dB	164.00 deg
2450 (MHz)	-4.80 dB	160.00 deg
2500 (MHz)	-4.87 dB	-20.00 deg



E2 pattern

Fre(Mhz)	Max gain(dB)	Degree
2400 (MHz)	-5.86 dB	174.00 deg
2450 (MHz)	-4.78 dB	-70.00 deg
2500 (MHz)	-3.68 dB	-68.00 deg



5.CNAS Accreditation Certificate



China National Accreditation Service for Conformity Assessment
LABORATORY ACCREDITATION CERTIFICATE
 (Registration No. CNAS L12561)

Shenzhen RFI-LAB Communication Technology Co., Ltd.

(Legal Entity: Shenzhen RFI-LAB Communication Technology Co., Ltd.)

Zone A,10/F., Lingyun Bld, Liufang Road, Baoan District, Shenzhen,
Guangdong, China

is accredited in accordance with ISO/IEC 17025: 2017 General Requirements for the Competence of Testing and Calibration Laboratories(CNAS-CL01 Accreditation Criteria for the Competence of Testing and Calibration Laboratories) for the competence to undertake the service described in the schedule attached to this certificate.

The scope of accreditation is detailed in the attached schedule bearing the same registration number as above. The schedule forms an integral part of this certificate.

Effective Date: 2019-09-06

Expiry Date: 2025-09-05

Signed on behalf of China National Accreditation Service for Conformity Assessment



China National Accreditation Service for Conformity Assessment (CNAS) is authorized by Certification and Accreditation Administration of the People's Republic of China (CNCA) to operate the national accreditation schemes for conformity assessment. CNAS is a signatory of the International Laboratory Accreditation Cooperation Mutual Recognition Arrangement (ILAC MRA) and the Asia Pacific Accreditation Cooperation Mutual Recognition Arrangement (APAC MRA).
 The validity of the certificate can be checked on CNAS website at <http://www.cnas.org.cn/english/findanaccreditedbody/index.shtml>.

 睿班实验室

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