



BUREAU
VERITAS

Test Report No.: PSU-NQN2605060211RJ03



Certificate #6613.01

NFC TEST REPORT

Applicant	Xiaomi Communications Co., Ltd.
Address	#019, 9th Floor, Building 6, 33 Xi'erqi Middle Road, Haidian District, Beijing, China, 100085

Manufacturer or Supplier	Xiaomi Communications Co., Ltd.
Address	#019, 9th Floor, Building 6, 33 Xi'erqi Middle Road, Haidian District, Beijing, China, 100085
Product	Smart Band
Brand Name	Xiaomi
Model	M2617B1
Date of tests	May. 07, 2026 ~ May. 21, 2026

The tests have been carried out according to the requirements of the following standards:

☒ JAPAN EXTREMELY LOW POWER DEVICE

CONCLUSION: The submitted sample was found to **COMPLY** with the test requirement

Prepared by Hanwen Xu Engineer / Mobile Department	Approved by Luke Lu Manager / Mobile Department
	
Date: May. 21, 2026	Date: May. 21, 2026

This report is governed by, and incorporates by reference, the Conditions of Testing as posted at the date of issuance of this report at <http://www.bureauveritas.com/home/about-us/our-business/cps/about-us/terms-conditions/> and is intended for your exclusive use. Any copying or replication of this report to or for any other person or entity, or use of our name or trademark, is permitted only with our prior written permission. This report sets forth our findings solely with respect to the test samples identified herein. The results set forth in this report are not indicative or representative of the quality or characteristics of the lot from which a test sample was taken or any similar or identical product unless specifically and expressly noted. Our report includes all of the tests requested by you and the results thereof based upon the information that you provided to us. Measurement uncertainty is only provided upon request for accredited tests. Statements of conformity are based on simple acceptance criteria without taking measurement uncertainty into account, unless otherwise requested in writing. You have 60 days from date of issuance of this report to notify us of any material error or omission caused by our negligence or if you require measurement uncertainty; provided, however, that such notice shall be in writing and shall specifically address the issue you wish to raise. A failure to raise such issue within the prescribed time shall constitute your unqualified acceptance of the completeness of this report, the tests conducted and the correctness of the report contents.

Huarui 7layers High Technology (Suzhou)
Co., Ltd.

Tower N, Innovation Center, 88 Zuyi Road, High-tech
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RELEASE CONTROL RECORD

ISSUE NO.	REASON FOR CHANGE	DATE ISSUED
PSU-NQN2605060211RJ03	Original release	May. 21, 2026



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1. SUMMARY OF TEST RESULTS

The EUT has been tested according to the following specifications:

Standard Section	Test Type	Result	Remarks
JAPAN EXTREMELY LOW POWER DEVICE	Radiated emissions test	PASS	--

*Test Lab Information Reference

Lab A:

Huarui 7Layers High Technology (Suzhou) Co., Ltd.

Lab Address:

Tower N, Innovation Center, 88 Zuyi Road, High-tech District, Suzhou City,
Anhui Province, China

Accredited Test Lab Cert 6613.01

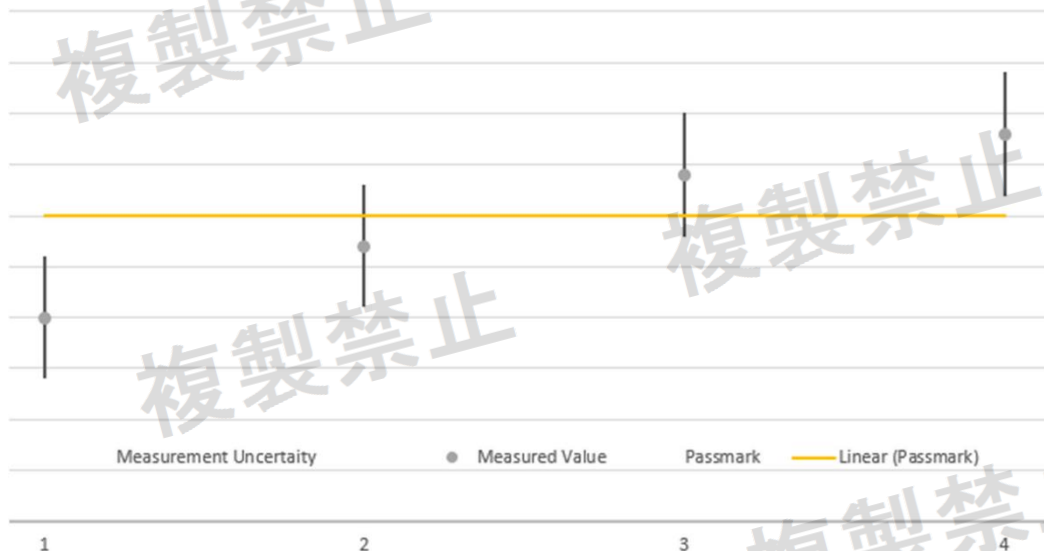


1.1. MEASUREMENT UNCERTAINTY

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the EUT:

MEASUREMENT	FREQUENCY	UNCERTAINTY
Radiated emissions	9KHz ~ 30MHz	$\pm 2.68\text{dB}$
	30MHz ~ 1GHz	$\pm 4.98\text{dB}$

This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of $k=2$.



The verdicts in this test report are given according the above diagram:

Case	Measured Value	Uncertainty Range	Verdict
1	below pass mark	below pass mark	Passed
2	below pass mark	within pass mark	Passed
3	above pass mark	within pass mark	Failed
4	above pass mark	above pass mark	Failed

That means, the laboratory applies, as decision rule (see ISO/IEC 17025:2017), the so-called shared risk principle.



2. GENERAL INFORMATION

2.1. GENERAL DESCRIPTION OF EUT

PRODUCT*	Smart Band
BRAND NAME*	Xiaomi
MODEL NAME*	M2617B1
NOMINAL VOLTAGE*	5Vdc (adapter or host equipment) 3.93Vdc (Li-ion, battery)
MODULATION TYPE	ASK
OPERATING FREQUENCY	13.56MHz
NUMBER OF CHANNEL	1
HW VERSION*	P1
SW VERSION*	4.100.036
ANTENNA TYPE*	FPC antenna
CABLE SUPPLIED*	USB cable1: non-shielded cable, with w/o ferrite core, 0.55 meter USB cable2: non-shielded cable, with w/o ferrite core, 0.55 meter USB cable3: non-shielded cable, with w/o ferrite core, 0.55 meter

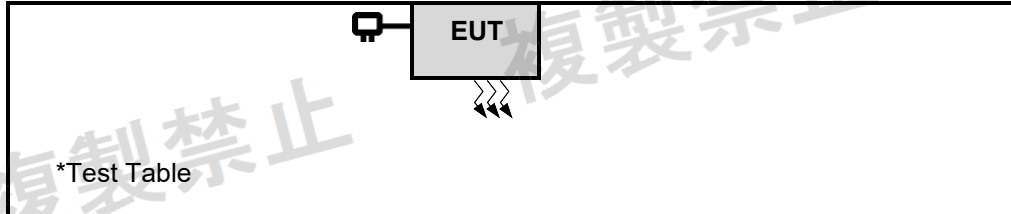
NOTE:

1. *Since the above data and/or information is provided by the client relevant results or conclusions of this report are only made for these data and/or information, Test Lab is not responsible for the authenticity, integrity and results of the data and information and/or the validity of the conclusion.
2. For a more detailed features description, please refer to the manufacturer's specifications or the User's Manual.
3. For the test results, the EUT had been tested with all conditions. But only the worst case was shown in test report.



2.2. CONFIGURATION OF SYSTEM UNDER TEST

(Power from AC Adapter)



2.3. TEST MODE APPLICABILITY AND TESTED CHANNEL DETAIL

EUT Configure Mode	Applicable to	Description
	RE<1G	
-	√	Powered by Adapter

Where RE<1G RE: Radiated Emission below 1GHz

Radiated Emission Test (Below 1 GHz):

☒ Following channel(s) was (were) selected for the final test as listed below.

Tested Frequency (MHz)	AXIS
13.56	X

NOTE: The EUT has been pre-tested under XYZ axis, and the X axis was the worst case for final test.



2.4. GENERAL DESCRIPTION OF APPLIED STANDARDS

The EUT is a RF product equipment. According to the specification of the EUT declared by the manufacturer, it must comply with the requirements of the following standards:

JAPAN EXTREMELY LOW POWER DEVICE

All test items have been performed and recorded as per the above standards.

2.5. DESCRIPTION OF SUPPORT UNITS

The EUT has been tested as an independent unit without any other necessary accessories or support units.



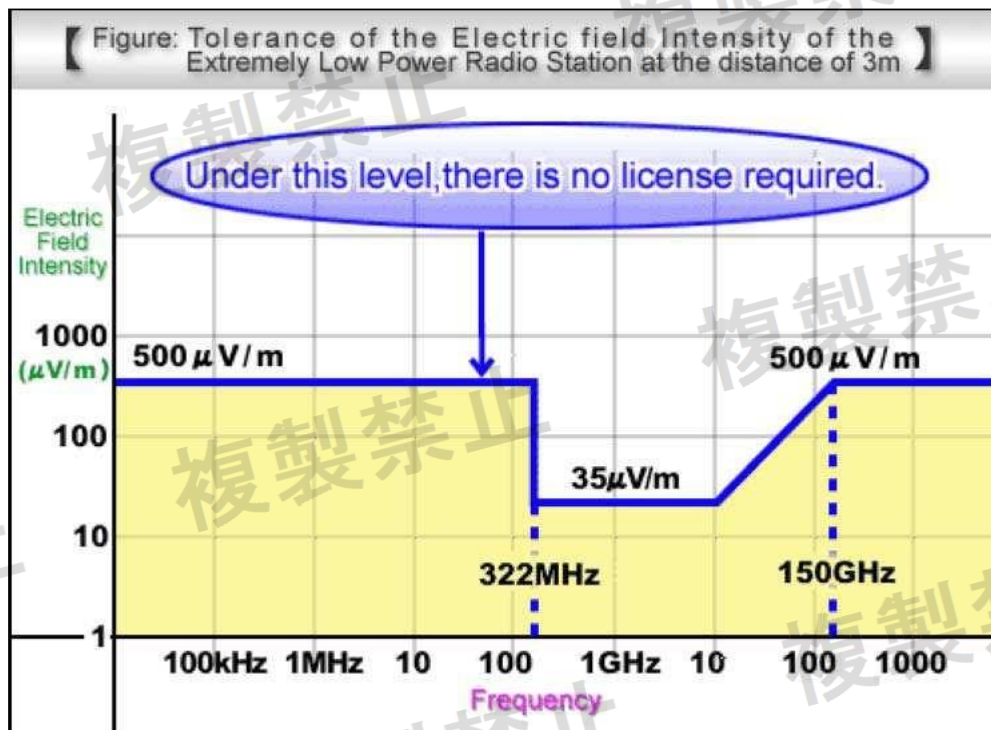
3. TEST TYPES AND RESULTS

3.1. RADIATED EMISSIONS MEASUREMENT

3.1.1. LIMITS OF RADIATED EMISSIONS MEASUREMENT

When the level of the electric field intensity (the strength of the radio wave) within 3 meters of the radio equipment is under the level shown in the following figure, there is no need for getting a license from the radio station.

There is no restriction on the frequency or the purpose.



When the level of the electric field intensity (the strength of the radio wave) within 500 meters of the radio equipment is less than 200μV/m, and the frequency and the other factors associated with the wireless microphone or the remote-operated radio control as regulated and notified by the Ministry of Public Management, Home affairs, Posts and Telecommunications, there is no need for getting a license for the radio station.



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3.1.2. TEST INSTRUMENTS

Equipment	Manufacturer	Model No.	Serial No.	Calibration Authority	Last Cal.	Next Cal.	Cal. Method
3m Semi-anechoic Chamber	TDK	9m*6m*6m	HRSW-SZ-EMC-02Chamber	CEPREI Calibration and Testing Centre	Nov.23,25	Nov.22,28	c
Bilog Antenna	SCHWARZBECK	VULB 9163	1264	CEPREI Calibration and Testing Centre	Jul.04,25	Jul.03,27	c
Loop Antenna	Rohde&Schwarz	HFH2-Z2/Z2E	100976	CEPREI Calibration and Testing Centre	Feb.22,25	Feb.21,27	c
Antenna Power Supply	RS	N/A	N/A	/	/	/	/
Receiver	Rohde&Schwarz	ESR 26	101734	CEPREI Calibration and Testing Centre	Mar.27,26	Mar.26,28	c
Measurement Software	Rohde&Schwarz	ELEKTRA	/	/	/	/	/
Pre-Amplifier	R&S	SCU08F1	101028	CEPREI Calibration and Testing Centre	Jan.21,26	Jan.20,28	c

- NOTE**
1. The test was performed in 3m Chamber.
 2. The calibration interval of the above test instruments is 24/36 months.

The calibrations Lab:

CEPREI Calibration and Testing Centre

Address: Add. of the Lab:No.601, Taishan Road, Hi-Tech District, Suzhou, Jiangsu, China



3.1.3. TEST PROCEDURES

- a. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meters semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- c. The antenna is a broadband antenna, and its height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- e. The test-receiver system was set to quasi-peak detect function and specified bandwidth with maximum hold mode when the test frequency is below 1 GHz.
- f. The test-receiver system was set to peak and average detect function and specified bandwidth with maximum hold mode when the test frequency is above 1 GHz. If the peak reading value also meets average limit, measurement with the average detector is unnecessary.

NOTE: The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 120kHz for quasi-peak detection (QP) at frequency below 1GHz.

3.1.4. DEVIATION FROM TEST STANDARD

No deviation.

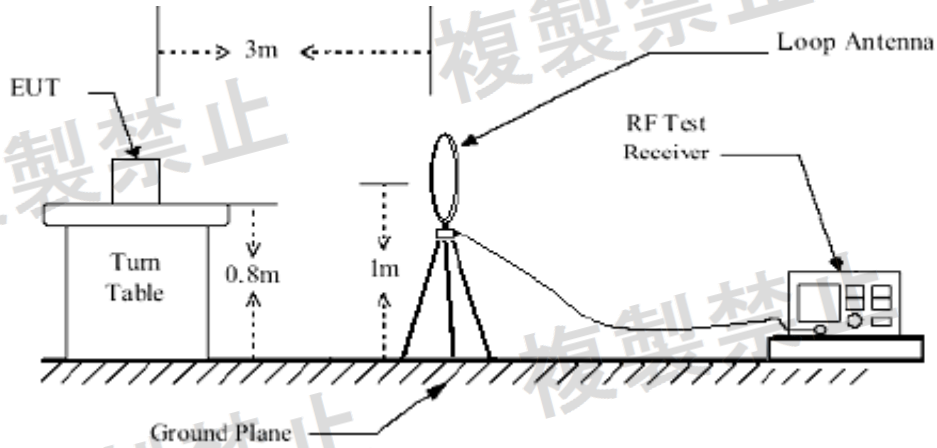


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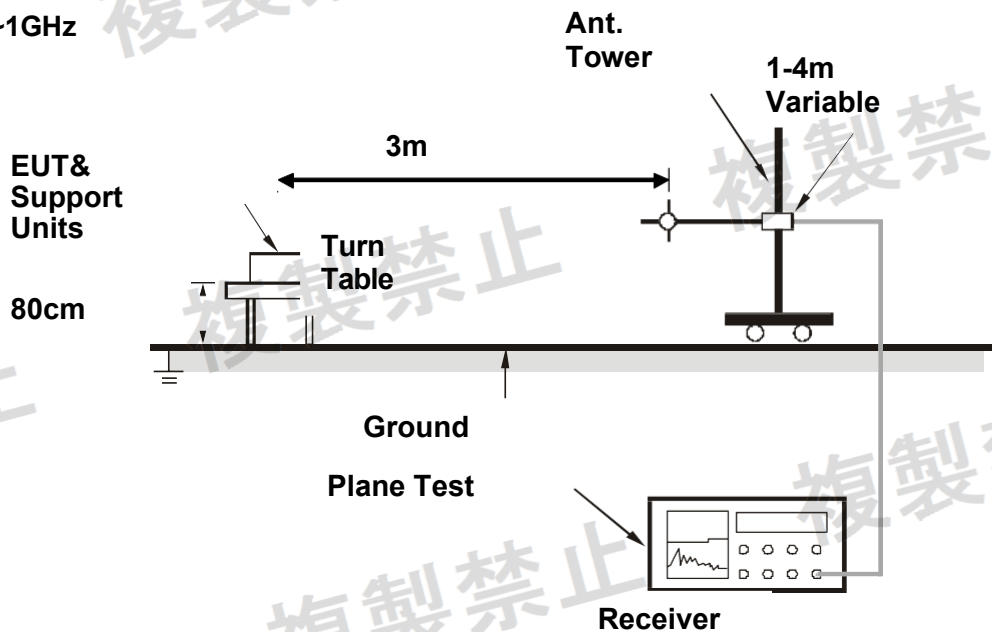
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3.1.5. TEST SETUP

BELOW 30MHZ



30MHz~1GHz



For the actual test configuration, please refer to the attached file (Test Setup Photo).

3.1.6. EUT OPERATING CONDITIONS

Set the EUT under transmission condition continuously at specific channel frequency.



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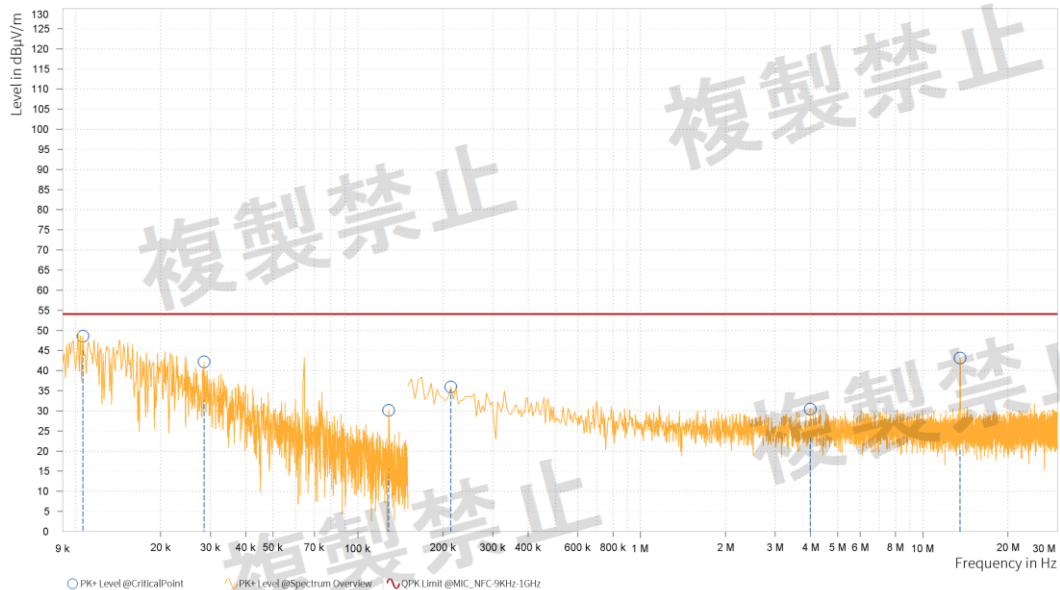
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3.1.7. TEST RESULTS

FREQUENCY RANGE	9kHz ~ 30MHz	TEST VOLTAGE	110V, 60Hz
ENVIRONMENTAL CONDITIONS	22deg.C, 58%RH	TESTED BY	Hanwen Xu

SPURIOUS EMISSION LEVEL

Rg	Frequency [MHz]	PK+ Level [dBμV/m]	PK+: QPK Limit [dBμV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
1	0.011	48.56	54.00	5.44	20.18	H	359.1	1.00
1	0.029	42.19	54.00	11.81	20.11	H	359.1	1.00
1	0.128	30.15	54.00	23.85	20.09	H	359.1	1.00
2	0.213	35.94	54.00	18.06	20.03	H	359.1	1.00
2	3.998	30.45	54.00	23.55	20.19	H	359.1	1.00
2	13.560	43.11	54.00	10.89	20.32	H	359.1	1.00





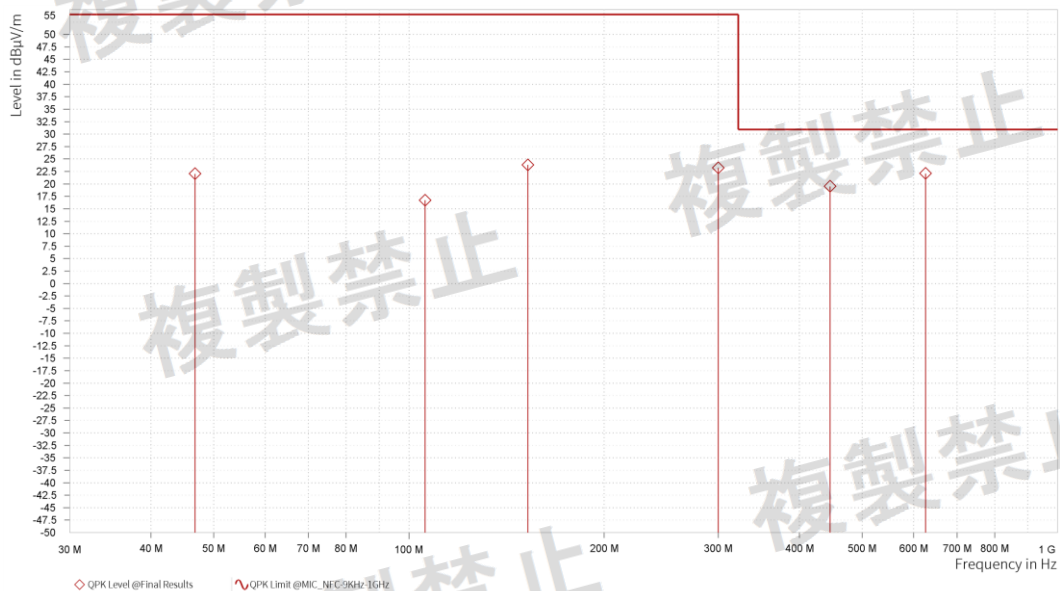
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FREQUENCY RANGE	30MHz ~ 1GHz	TEST VOLTAGE	110V, 60Hz
ENVIRONMENTAL CONDITIONS	22deg.C, 58%RH	TESTED BY	Hanwen Xu

SPURIOUS EMISSION LEVEL

Rg	Frequency [MHz]	QPK Level [dBμV/m]	QPK Limit [dBμV/m]	QPK Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]	Meas. BW [kHz]
1	46.799	22.01	54.00	31.99	-10.21	H	1	1.00	120.000
1	105.925	16.72	54.00	37.28	-12.16	H	341.3	1.00	120.000
1	152.573	23.81	54.00	30.19	-15.07	H	341.3	1.00	120.000
1	299.925	23.19	54.00	30.81	-7.36	H	341.3	1.00	120.000
1	446.042	19.50	30.88	11.38	-3.96	H	359	1.00	120.000
1	625.845	22.07	30.88	8.81	-2.28	H	341.3	1.00	120.000



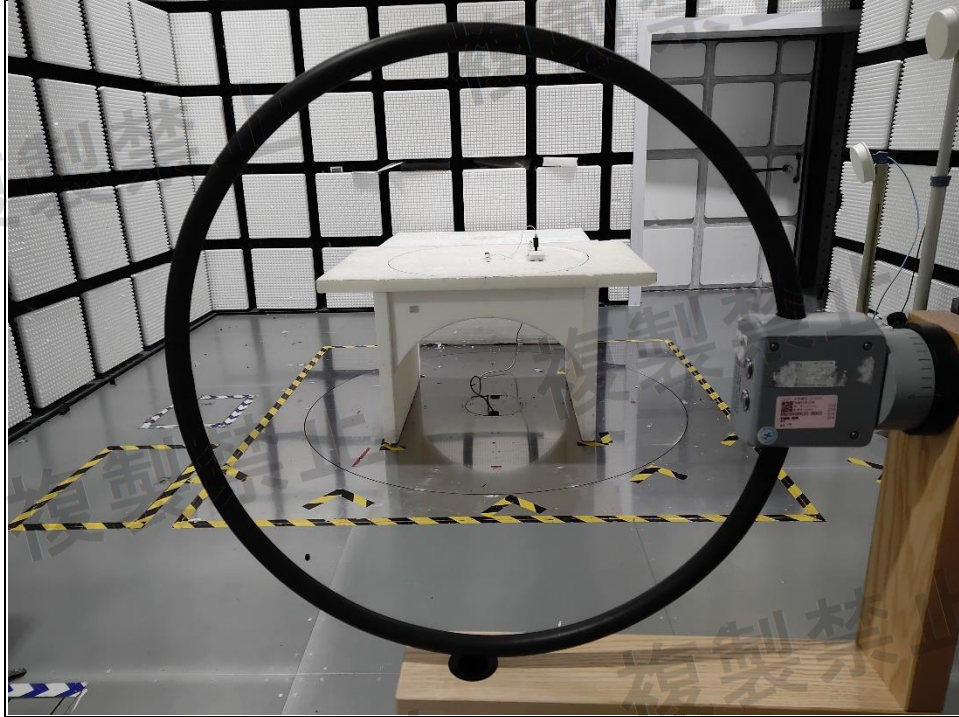


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4. PHOTOGRAPHS OF THE TEST CONFIGURATION

SPURIOUS EMISSION TEST(9KHz ~ 30MHz)



SPURIOUS EMISSION TEST(30MHz ~ 1GHz)





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5. APPENDIX A – MODIFICATIONS RECORDERS FOR ENGINEERING CHANGES TO THE EUT BY THE LAB

No any modifications were made to the EUT by the lab during the test.

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