

TEST REPORT

Product Name : Remote control
Model Number : ZQ10140, ZQ01424, ZQ02061, ZQ02100,
ZQ06017, ZQ07030, ZQ10016, ZQ10144,
ZQ02354

Prepared for : Shenzhen Zhuoqiong Technology Co., Ltd.
Address : 101-01, No.2 Factory Building, Huanxing Company,
No.4034, Banxuegang Avenue, Xiangjiaotang
Community, Bantian Street, Longgang District,
Shenzhen, China

Prepared by : EMTEK (DONGGUAN) CO., LTD.
Address : Room 111&112, Building 8, -1&2/F., Office
Building 2, Zone A, Zhongda Marine Biotechnology
Research and Development Base, No.9, Xincheng
Avenue, Songshan Lake High-Tech Industrial
Development Zone, Dongguan, Guangdong, China

TEL: +86-0769-22807078
FAX: +86-0769-22807079

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TEST RESULT CERTIFICATION

Shenzhen Zhuoqiong Technology Co., Ltd.
Applicant : 101-01, No.2 Factory Building, Huanxing Company, No.4034, Banxuegang Avenue, Xiangjiaotang Community, Bantian Street, Longgang District, Shenzhen, China

Shenzhen Zhuoqiong Technology Co., Ltd.
Manufacture : 101-01, No.2 Factory Building, Huanxing Company, No.4034, Banxuegang Avenue, Xiangjiaotang Community, Bantian Street, Longgang District, Shenzhen, China

Guangzhou Kimu Stage Lighting Equipment Co., Ltd
Factory : Building 3, 2nd Floor, 3rd Floor, Room 311, Keda Industrial Park, No.33, Hongmian Avenue North, Xiuquan Street, Huadu District, Guangzhou City, Guangdong Province, China P.C 510812

EUT : Remote control

Model : ZQ10140, ZQ01424, ZQ02061, ZQ02100, ZQ06017, ZQ07030, ZQ10016, ZQ10144, ZQ02354

Trademark : N/A

Measurement Procedure Used:

APPLICABLE STANDARDS		
STANDARD	Test Procedure	TEST RESULT
Item 8 of Article 2 Paragraph 1	MIC public notice 88:2004, annex 22	PASS

The device described above is tested by EMTEK (DONGGUAN) CO., LTD. to determine the maximum emission levels emanating from the device and the severe levels of the device can endure and its performance criterion. The measurement results are contained in this test report and EMTEK (DONGGUAN) CO., LTD. is assumed full of responsibility for the accuracy and completeness of these measurements. Also, this report shows that the EUT (Equipment Under Test) was measured according to the test methods of Ordinance Concerning Technical Regulations Conformity Certification etc. of Specified Radio Equipment in Annex 1, the objective is to determine compliance with Specified low-power radio equipment (Item 8 of Article 2 Paragraph 1 of Certification Ordinance) for telemeter, telecontrol or data transmission (314.993MHz band)

The test results of this report relate only to the tested sample identified in this report

Date of Test : December 14, 2025 to January 14, 2026

Prepared by :

Warren Deng

Warren Deng /Editor

Reviewer :

Galen Xiao

Galen Xiao /Supervisor

Approve & Authorized Signer :

Sam Lv

Sam Lv /Manager

Modified Information

Rev.	Summary	Date of Rev.	Report No.
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1 EUT TECHNICAL DESCRIPTION

Characteristics	Description
Assigned Frequency:	314.993MHz
EUT	Remote control
Model	ZQ10140, ZQ01424, ZQ02061, ZQ02100, ZQ06017, ZQ07030, ZQ10016, ZQ10144, ZQ02354 The models are all the same, only the model names are different. Model ZQ10140 was selected to complete all tests.
Modulation	FSK
Operating Frequency Range	312 ~315.05MHz
Rated Antenna power	0.0003mW
Antenna Type	PCB antenna
Antenna Gain	-1.02 dBi
Power supply	☒ DC supply: DC 3V
Hardware version:	V1.0
Software version:	V1.0
Temperature Range	-10°C~ +50°C

Note: for more details, please refer to the User's manual of the EUT.

2 SUMMARY OF TEST RESULT

TELEC RULES	Test Parameter	Verdict	Remark
Item 8	Antenna power(EIRP)	Compliant	
Item 8	Tolerance of occupied bandwidth	Compliant	
Item 8	Tolerance of unwanted emission intensity(EIRP)	Compliant	
Item 8	Limit of secondary radiated(EIRP)	N/A	
Item 8	Transmission time control	Compliant	
Item 8	Assigned frequency (Frequency range)	Compliant	
NOTE1: N/A (Not Applicable)			

3 TEST METHODOLOGY

3.1 GENERAL DESCRIPTION OF APPLIED STANDARDS

According to its specifications, the EUT must comply with the requirements of the following standards:

The objective is to determine compliance with Specified low-power radio equipment (Item 8 of Article 2 Paragraph 1 of Certification Ordinance) for telemeter, telecontrol or data transmission (315MHz band)

All measurements contained in this report were conducted with test method for radio equipment specified in MIC public notice 88:2004, annex 22 for certification.

3.2 MEASUREMENT EQUIPMENT USED

For Spurious Emissions Test

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval	Calibration Method
EMI Test Receiver	Rohde&Schwarz	ESCI	101415	2025/4/28	1Year	c
Bi-log Hybrid Antenna	Schwarzbeck	VULB9163	141	2025/5/1	1Year	c
Pre-Amplifier	HP	8447F	OPTH64	2025/4/28	1 Year	c
Signal Analyzer	R&S	FSV30	103039	2025/4/28	1 Year	c
Horn Antenna	Schwarzbeck	BBHA9120D	1272	2025/5/1	1Year	c
Horn Antenna	Schwarzbeck	BBHA9170	9170-567	2025/5/1	1Year	c
Pre-Amplifier	LUNAR EM	PM1-18-40	J10100000081	2025/4/28	1Year	c
Loop antenna	Schwarzbeck	FMZB1519	1519-012	2025/5/1	1Year	c
6 db attenuator	AR-WORLDWIDE	6dB/50FH-006-100	324011	2025/4/28	1Year	c
Test Software	Farad	Ver.RA-03A1	--	N/A	N/A	N/A

For other test items:

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval	Calibration Method
Wireless Connectivity Tester	R&S	CMW270	102543	2025/4/28	1Year	c
Automatic Control Unit	Tonscend	JS0806-2	21I8060480	2025/4/28	1Year	c
Signal Analyzer	KEYSIGHT	N9010B	MY60242456	2025/4/28	1Year	c
Analog Signal Generator	KEYSIGHT	N5173B	MY61252625	2025/4/28	1Year	c
UP/DOWN-Converter	R&S	CMW-Z800A	100274	2025/4/28	1Year	c
Vector Signal Generator	KEYSIGHT	N5182B	MY61252674	2025/4/28	1Year	c
Frequency Extender	KEYSIGHT	N5182BX07	MY59362541	2025/4/28	1Year	c
Temperature&Humidity test chamber	ESPEC	EL-02KA	12107166	2025/5/1	1 Year	c
Radio frequency test system	Tonscend	JS1120-3	--	N/A	N/A	N/A

For measurement cables(It is from the antenna end of EUT to the test port of test equipment.

Equipment	Manufacturer	cable loss	Application frequency band	Measurement data of line loss comes from	Last Cal.	Cal. Interval
Measurement cable	Provided by the applicant	0.5 dBm	2402-2480MHz	Manufacturers claim themselves.	N/A	N/A

Calibration agency : Guangzhou LiSai Metrology & Test Co., Ltd.

Address : Address: No.8.South Street ShiJi Institute Guangzhou.Guangdong.China

Calibration Method:

- a) Calibration conducted by the National Institute of Information and Communications Technology (NICT) (hereinafter referred to as "NICT") or a designated calibration agency under Article 102-18 paragraph (1).
- b) Correction conducted pursuant to the provisions of Article 135 or Article 144 of the Measurement Law (Law No. 51 of 1992).
- c) Calibration conducted in foreign countries, which shall be equivalent to the calibration conducted by the NICT or a designated calibration agency under Article 102-18 paragraph (1).
- d) Calibration conducted by using measuring instruments and other equipment listed Table attached hereto, which shall have been given any of calibration, etc. listed above from a) to c).

3.3 DESCRIPTION OF TEST MODES

The EUT has been tested under its typical operating condition.

The EUT configuration for testing is installed on RF field strength measurement to meet the Commissions requirement and operating in a manner which intends to maximize its emission characteristics in a continuous normal application.

The Transmitter was operated in the normal operating mode. The TX frequency was fixed which was for the purpose of the measurements.

Pre-defined engineering program for regulatory testing used to control the EUT for staying in continuous transmitting and receiving mode is programmed.

Frequency and Channel list:

Channel	Frequency (MHz)
1	314.933

3.4 SUPPORT EQUIPMENT

EUT Cable List and Details			
Cable Description	Length (m)	Shielded/Unshielded	With / Without Ferrite
/	/	/	/

Auxiliary Cable List and Details			
Cable Description	Length (m)	Shielded/Unshielded	With / Without Ferrite
/	/	/	/

Auxiliary Equipment List and Details			
Description	Manufacturer	Model	Serial Number
/	/	/	/

Notes:

1. All the equipment/cables were placed in the worst-case configuration to maximize the emission during the test.
2. Grounding was established in accordance with the manufacturer's requirements and conditions for the intended use.
3. Unless otherwise denoted as EUT in 『Remark』 column, device(s) used in tested system is a support equipment

4 FACILITIES AND ACCREDITATIONS

4.1 FACILITIES

All measurement facilities used to collect the measurement data are located at Room 111&112, Building 8, -1&2/F., Office Building 2, Zone A, Zhongda Marine Biotechnology Research and Development Base, No.9, Xincheng Avenue, Songshan Lake High-Tech Industrial Development Zone, Dongguan, Guangdong, China

The sites are constructed in conformance with the requirements of ANSI C63.7, ANSI C63.4 and CISPR Publication 22."

4.2 LABORATORY ACCREDITATIONS AND LISTINGS

Site Description

EMC Lab. : Accredited by CNAS, 2024.07.06
The certificate is valid until 2030.07.05
The Laboratory has been assessed and proved to be in compliance with
CNAS/CL01:2018
The Certificate Registration Number is L3150

Accredited by FCC
Designation Number: CN1300
Test Firm Registration Number: 945551

Accredited by A2LA, April 03, 2027
The Certificate Registration Number is 4321.02

Accredited by Industry Canada
The Certificate Registration Number is CN0109

Name of Firm : EMTEK (DONGGUAN) CO., LTD.
Site Location : Room 111&112, Building 8, -1&2/F., Office Building 2, Zone A, Zhongda Marine Biotechnology Research and Development Base, No.9, Xincheng Avenue, Songshan Lake High-Tech Industrial Development Zone, Dongguan, Guangdong, China

5 TEST SYSTEM UNCERTAINTY

The following measurement uncertainty levels have been estimated for tests performed on the apparatus:

Parameter	Uncertainty
Radio Frequency	$\pm 1 \times 10^{-5}$
Uncertainty for Output power test	$\pm 0.83\text{dB}$
Conducted Emissions Test	$\pm 2.0\text{dB}$
Radiated Emission Test	$\pm 2.0\text{dB}$
Occupied Bandwidth Test	$\pm 1.0\text{dB}$
Power density test	$\pm 1.85\text{dB}$
All emission, radiated	$\pm 3\text{dB}$
Antenna Port Emission	$\pm 3\text{dB}$
Temperature	$\pm 0.5^{\circ}\text{C}$
Humidity	$\pm 3\%$

Measurement Uncertainty for a level of Confidence of 95%

6 SETUP OF EQUIPMENT UNDER TEST

6.1 RADIO FREQUENCY TEST SETUP

The test site semi-anechoic chamber has met the requirement of NSA tolerance 4 dB according to the standards: ANSI C63.10. The test distance is 3m. The setup is according to the requirements in Section 13.1.4.1 of ANSI C63.10-2020 and CAN/CSA-CEI/IEC CISPR 22.

Below 30MHz:

The EUT is placed on a turntable 0.8meters above the ground in the chamber, 3 meter away from the antenna (loop antenna). The Antenna should be positioned with its plane vertical at the specified distance from the EUT and rotated about its vertical axis for maximum response at each azimuth about the EUT. The center of the loop shall be 1 m above the ground. For certain applications, the loop antenna plane may also need to be positioned horizontally at the specified distance from the EUT.

Above 30MHz:

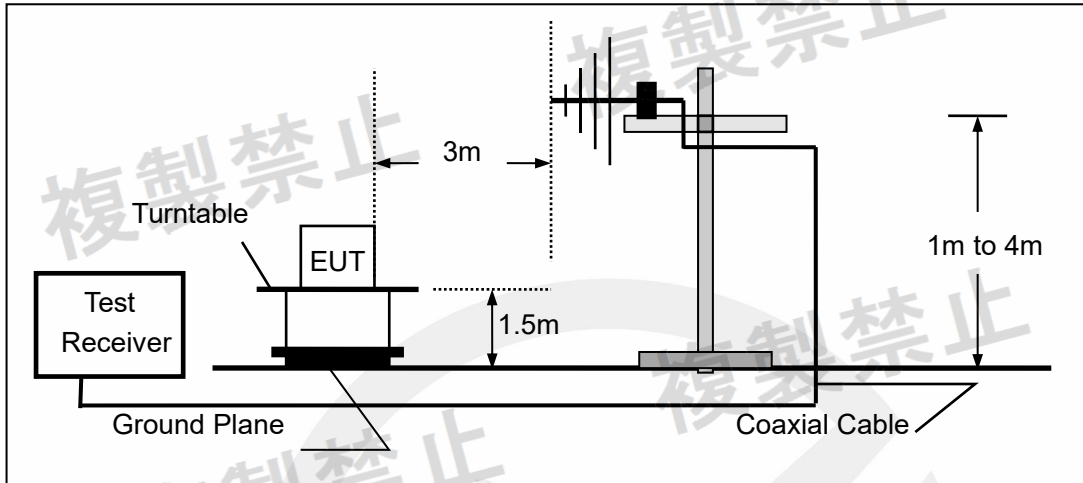
The EUT is placed on a turntable 0.8meters above the ground in the chamber, 3 meter away from the antenna. The maximal emission value is acquired by adjusting the antenna height, polarisation and turntable azimuth. Normally, the height range of antenna is 1 m to 4 m, the azimuth range of turntable is 0° to 360° , and the receive antenna has two polarizations Vertical (V) and Horizontal (H).

Above 1GHz:

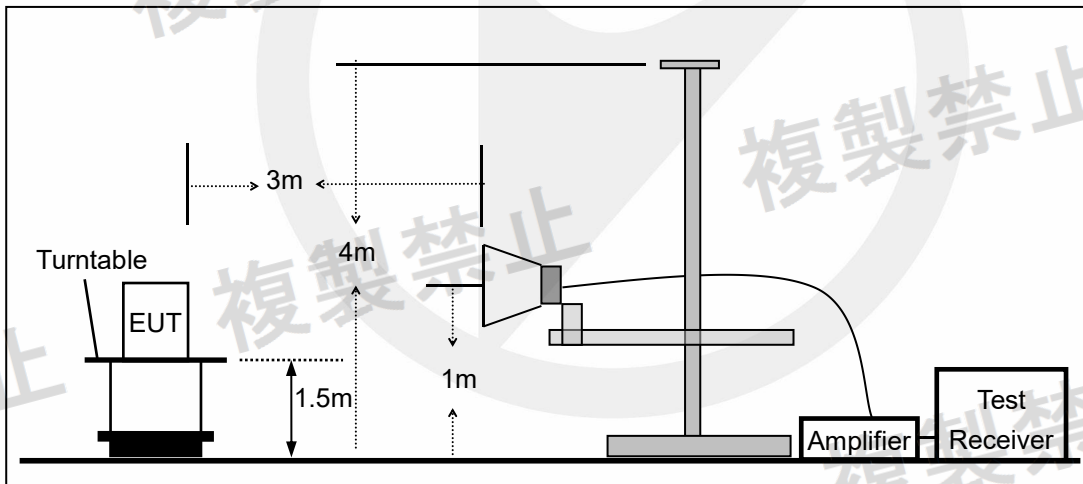
(Note: the FCC's permission to use 1.5m as an alternative per TCBC Conf call of Dec. 2, 2014.)

The EUT is placed on a turntable 1.5 meters above the ground in the chamber, 3 meter away from the antenna. The maximal emission value is acquired by adjusting the antenna height, polarisation and turntable azimuth. Normally, the height range of antenna is 1 m to 4 m, the azimuth range of turntable is 0° to 360° , and the receive antenna has two polarizations Vertical (V) and Horizontal (H).

(a) Radiated Emission Test Set-Up, Frequency below 1000MHz



(b) Radiated Emission Test Set-Up, Frequency above 1000MHz

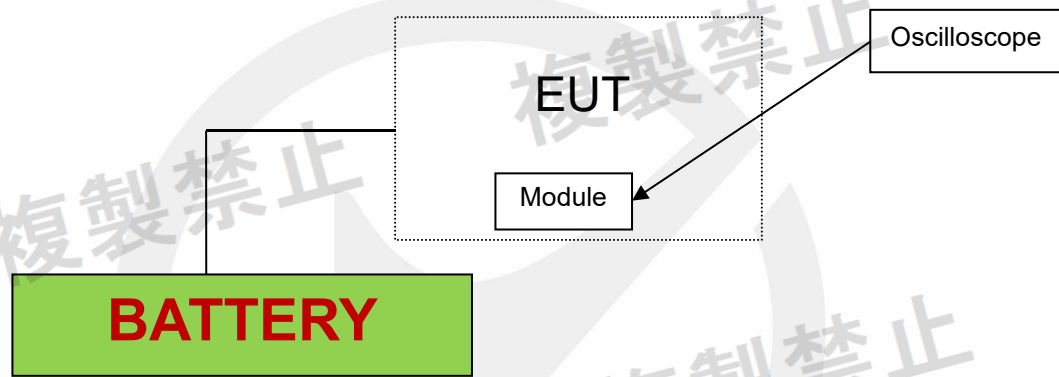


7 WIRELESS MODULE VOLTAGE TEST IN EXTREME CONDITIONS

7.1 Applicable Standard

When there is a fluctuation of $\pm 10\%$ input voltage from external power to the test equipment. If the fluctuation of input voltage to the circuit of the radio part (excl. power) in the test equipment is confirmed below $\pm 1\%$, Measurement shall be tested with the rated voltage.

7.2 Test Configuration

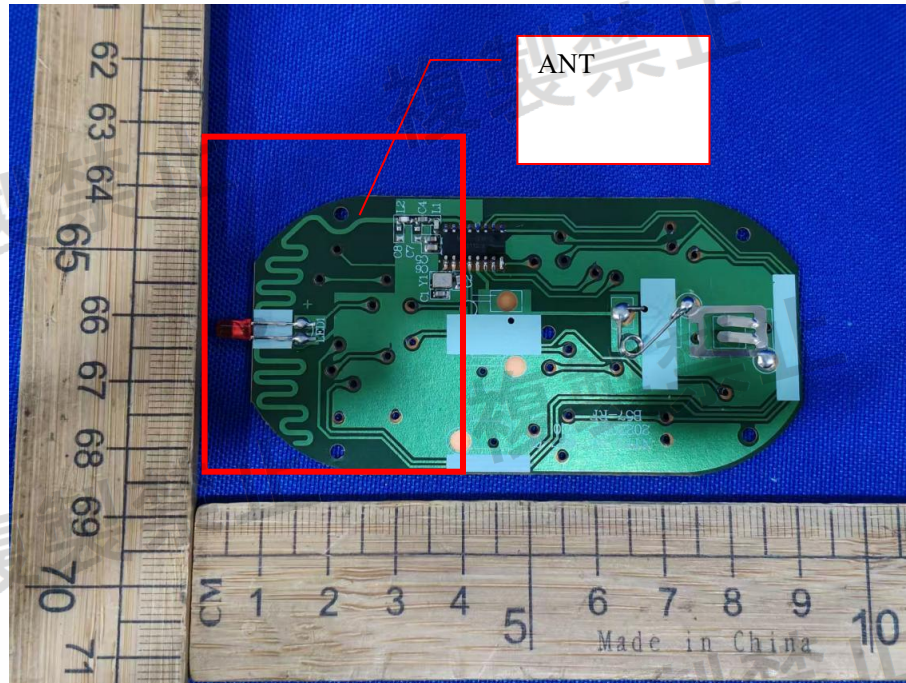


7.3 Test Results

Test Voltage	DC 2.7V	DC 3.0V	DC 3.3V
Module Test voltage	3.01	3.00	3.01
Module Rated voltage	3.00	3.00	3.00
The Range of Module Voltage(%)	0.03	0	0.03

Note: In extreme conditions, EUT module power is confirmed below $\pm 1\%$.

8 CONSTRUCTION PROTECTION REQUIREMENT AND ANTENNA STRUCTURE



1, The product antenna is a PCB antenna with an antenna gain of -1.02dBm. The wireless communication function of this product is realized by PCB antenna. The antenna is designed as an integrated structure with no Feeder-less and No Dedicated External Grounding.

2, This product is protected by a special shell and assembled with a special buckle structure, so it is difficult to disassemble the product and prevent the RF and modulation components from being modified.

9 TEST REQUIREMENTS

9.1 ANTENNA POWER (EIRP)

9.1.1 Applicable Standard

According to Item 8 of Article 2 Paragraph 1

9.1.2 Conformance Limit

The maximum permit antenna power is

Over 312 MHz to 315.05 MHz: 250 μ W (-6dBm) or less

Over 315.05 MHz to 315.25 MHz: 25 μ W (-16dBm) or less

Tolerance: Upper limit: +20%, Lower limit: Not specified.

9.1.3 Test Setup Block Diagram

Test according to clause 6.1 radio frequency test setup

9.1.4 Test Procedure

A spectrum analyzer or similar device shall be used to observe a sample of the modulated transmitter's radio frequency power output.

- 1) A sample detector function must be used.
- 2) A measurement instrument with an integrated 100kHz power bandwidth function may be used to automate the test process.
- 3) Set the RBW = 100kHz, VBW = 300kHz, center of frequency = operating frequency, Sweep = Auto.
- 4) 'Maximum Hold' mode may be used to accumulate the measurement result over several scans provided emission is repetitive in nature.
- 5) Repeat above procedures until all frequency measured was complete.

9.1.5 Environmental Conditions

Temperature:	24 °C
Relative Humidity:	54%
ATM Pressure:	1011 mbar

9.1.6 Test Results

RF Output Power:

Frequency (MHz)	Reading (dBm)	Correct dB	Result (dBm)	Limit (dBm)	Polar H/V
314.993	-47.99	12.24	-35.75	-6	H
314.993	-57.88	12.27	-45.61	-6	V

Please refer to the test plots:

Tolerance of Power:

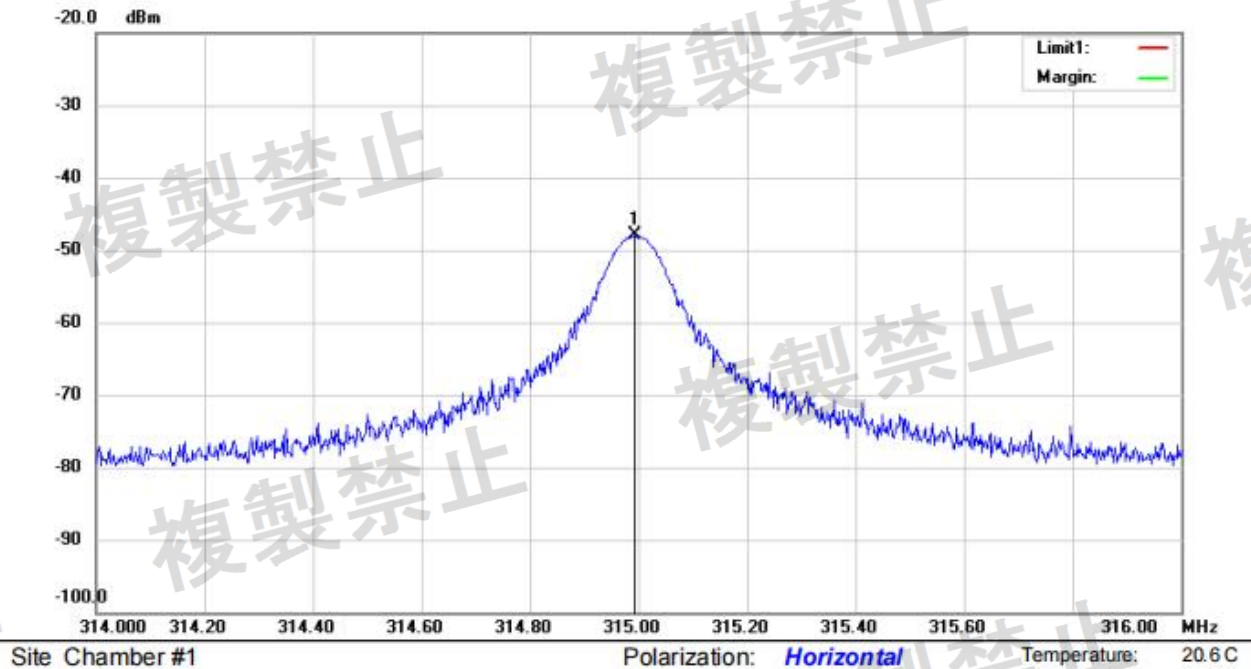
Frequency (MHz)	Measure (dBm)	Measure (mW)	Rated Power (mW)	Tolerance of Power %	Limit %
314.993	-35.75	0.000266	0.0003	-11%	<+20
314.993	-45.61	0.000027	0.0003	-91%	<+20

Test Model

RF Output Power

Channel 314.993MHz

H

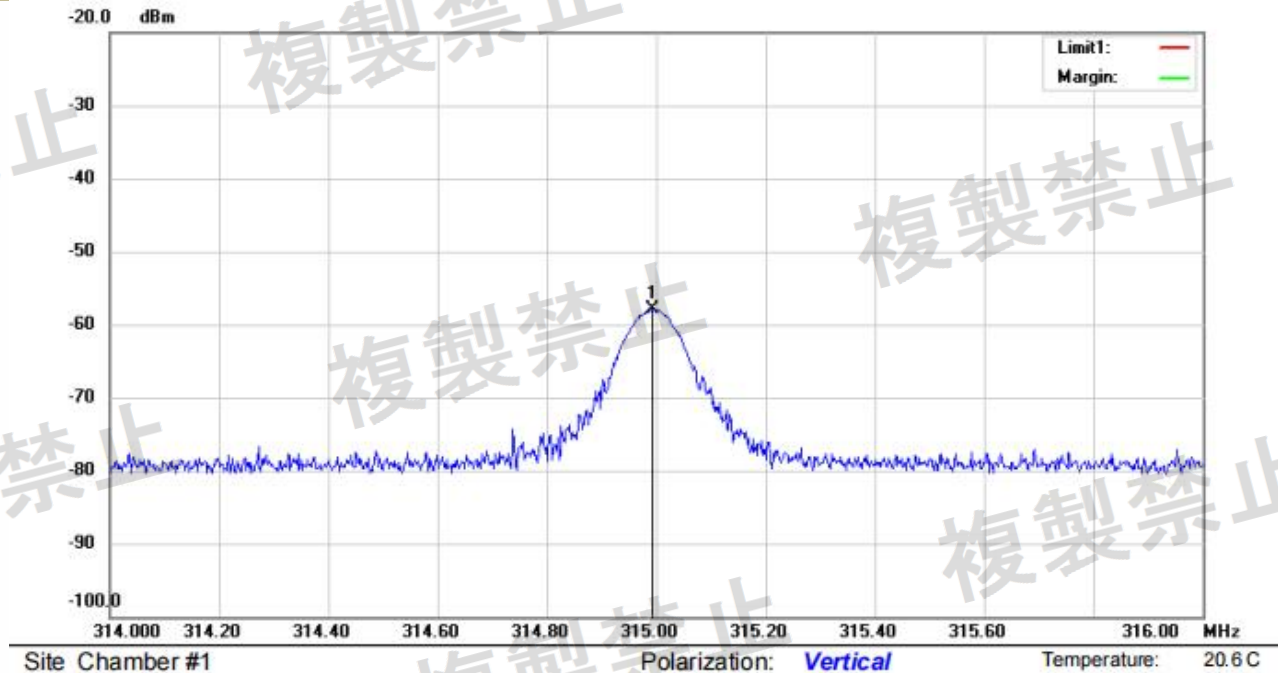


Test Model

RF Output Power

Channel 314.993MHz

V



9.2 TOLERANCE OF OCCUPIED BANDWIDTH

9.2.1 Applicable Standard

According to Item 8 of Article 2 Paragraph 1.

9.2.2 Conformance Limit

Occupied bandwidth is 1MHz or less

9.2.3 Test Setup Block Diagram



9.2.4 Test Procedure

- 1) Spectrum analyzer is set as below

Central Frequency	Test frequency
Span	Up to about 3.5 times from twice the value of equipment acceptable to the Regulations
RBW	Less than 3% of the allowable value specified in Equipment Regulations
VBW	Comparable to the resolution bandwidth
Input level	That the carrier level is high enough than the noise level of the spectrum analyzer
Sweep time	The minimum time is guaranteed measurement accuracy (in the case of wave burst, a burst that enters per sample)
Sweep mode	(Until it does not change the waveform) continuous
Detection mode	Positive peak
Display mode	Max Hold
- 2) After two and as the setting of spectrum analyzer, sweep was repeated until no observed change in the display, an array of computer work to a variable the value of all data points.
- 3) For all data, converted to the true number of value-dimensional power dB
- 4) Determine the total power of all data, stored as a "full power".
- 5) Seek the data points on the power limit of addition are carried out sequentially from the lowest frequency data, consisting of 0.5% of the "total power" is this value. Converted to a frequency that breaking point, to be remembered as the "lower frequency".

- 6) Determine the data point limit of addition is carried out under power sequentially from the data of the highest frequency, consisting of 0.5% of the "total power" is this value. Converted to a frequency that breaking point, to be remembered as the "maximum frequency". Environmental Conditions

9.2.5 Environmental Conditions

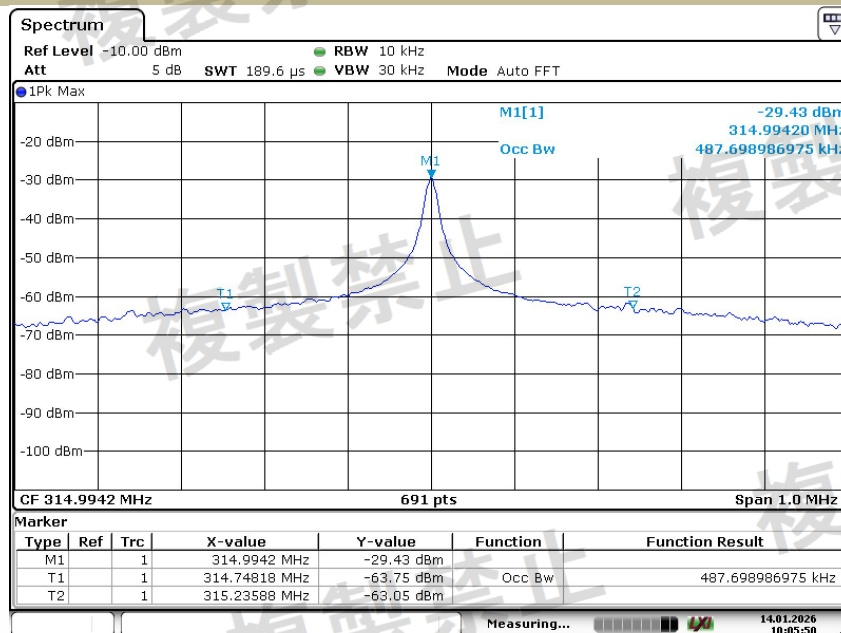
Temperature:	24 °C
Relative Humidity:	54%
ATM Pressure:	1011 mbar

9.2.6 Test Results

Occupied Bandwidth

Channel Frequency (MHz)	Occupied Bandwidth (MHz)	Limit (MHz)	Verdict
314.993	0.488	1	PASS

Occupied Bandwidth			
Test Model	Test voltage	Normal voltage	Channel Frequency
			314.993MHz



Date: 14. JAN 2026 10:05:50

9.3 TOLERANCE OF UNWANTED EMISSION INTENSITY (EIRP)

9.3.1 Applicable Standard

According to Item 8 of Article 2 Paragraph 1.

9.3.2 Conformance Limit

The transmitter spurious emissions shall not exceed the following limit:

- (1) 1GHz or lower: 250 nW/100 kHz (-36dBm) or less
- (2) Over 1 GHz: 1 μ W/1MHz (-30dBm) or less

9.3.3 Test Setup Block Diagram

Test according to clause 6.1 radio frequency test setup

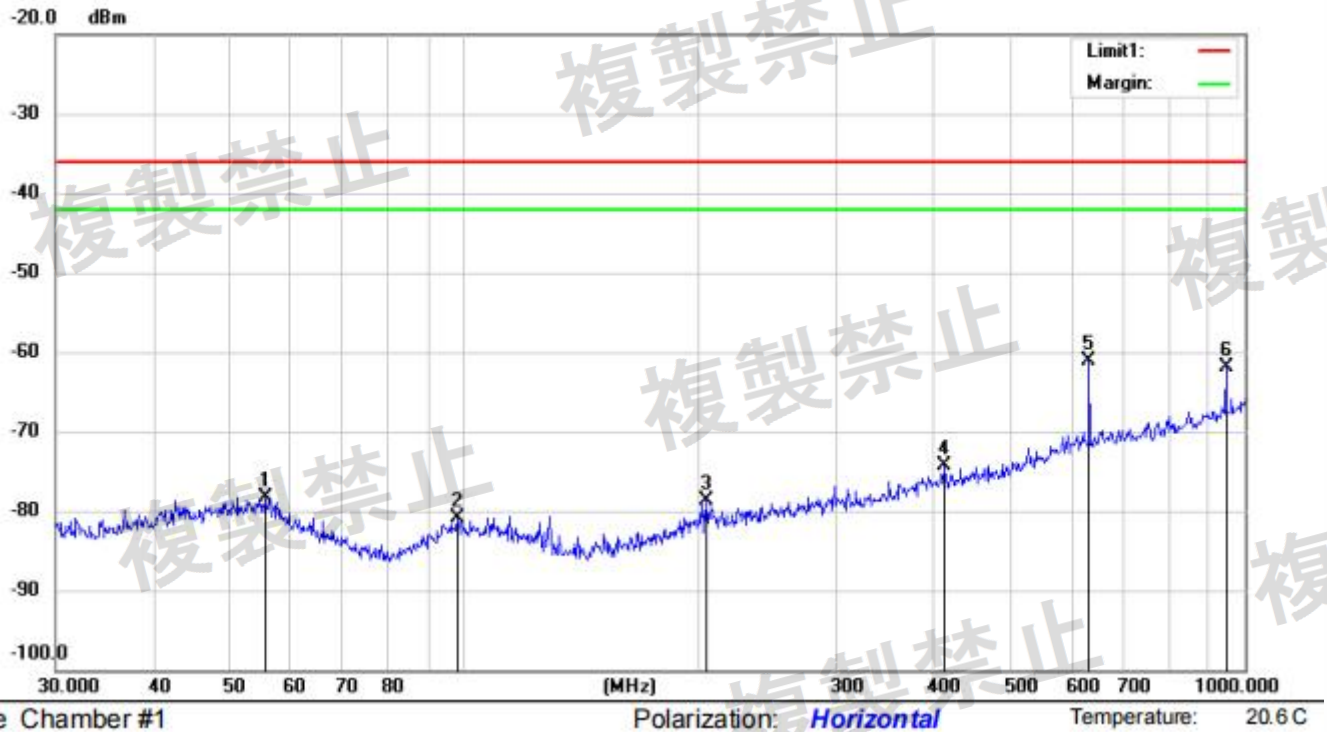
9.3.4 Test Procedure

- 1) The measurement equipment shall be set for peak hold mode of operation.
- 2) The resolution bandwidth shall be set to 100 kHz from 10MHz to 1GHz, the resolution bandwidth shall be set to 1MHz above 1GHz, and the sweep time shall be set to auto mode, to ensure all major modulation products are captured.
- 3) When the searched result is less than the specified limit, the maximum one shall be recorded, when the result is more than the specified limit, all measured values shall be recorded.
- 4) This measurement shall be repeated with the transmitter in standby mode where applicable
- 5) In addition, varying from 1m to 4m between the degrees of antenna height above ground for the measurement, find the position to adjust the orientation of the antenna for the measurement, power becomes the maximum.

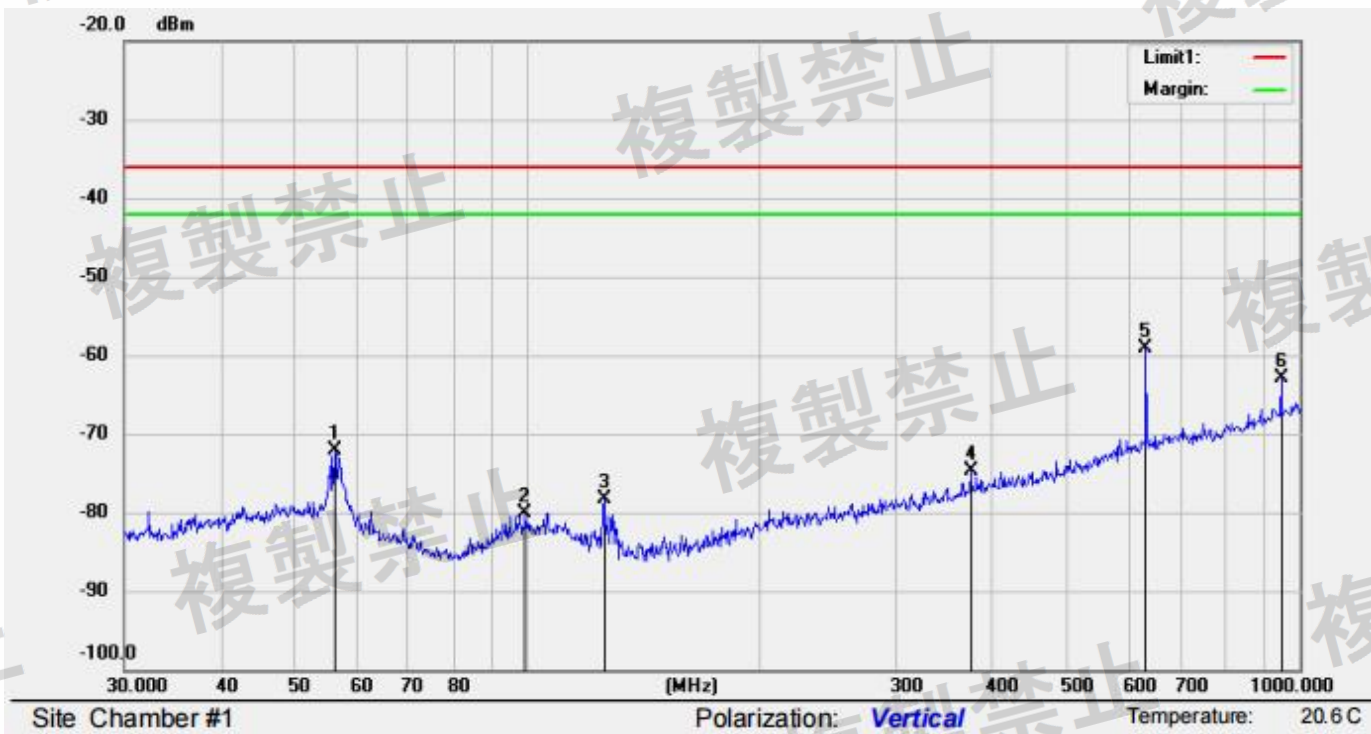
9.3.5 Environmental Conditions

Temperature:	24 °C
Relative Humidity:	54%
ATM Pressure:	1011 mbar

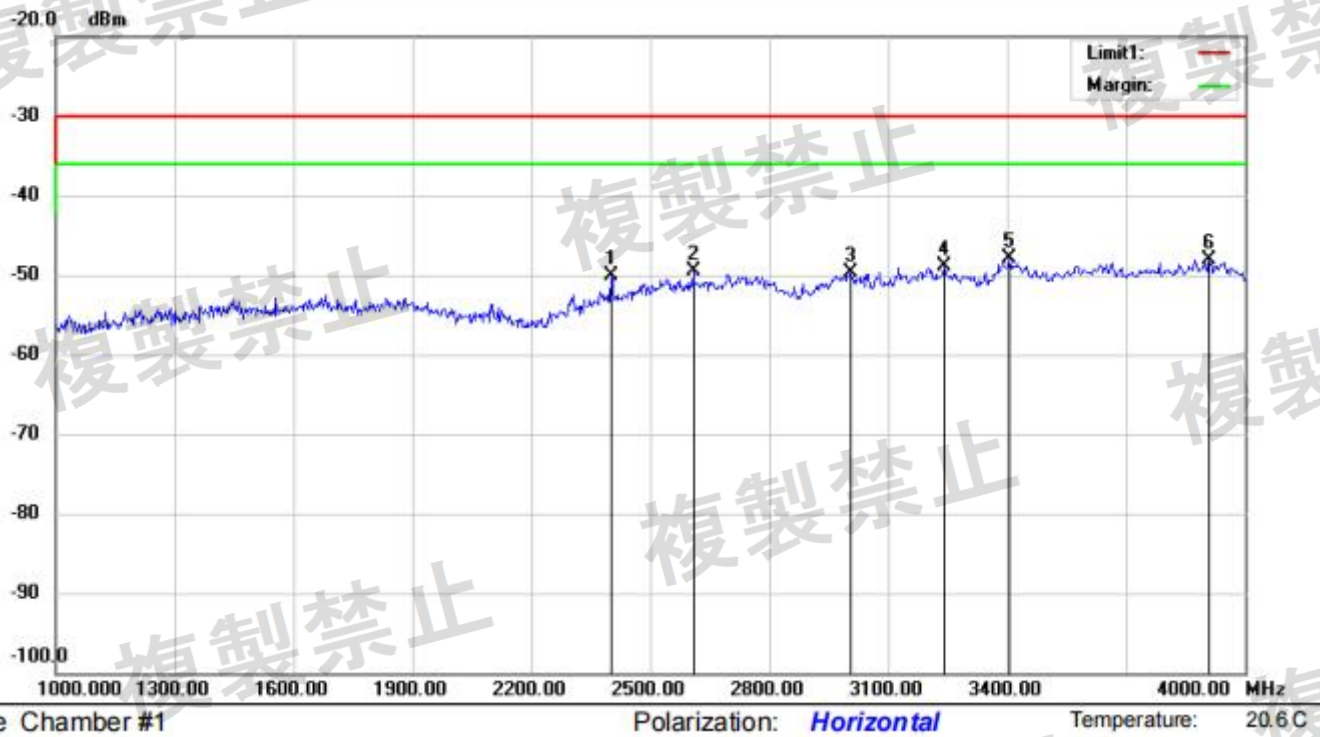
9.3.6 Test Results



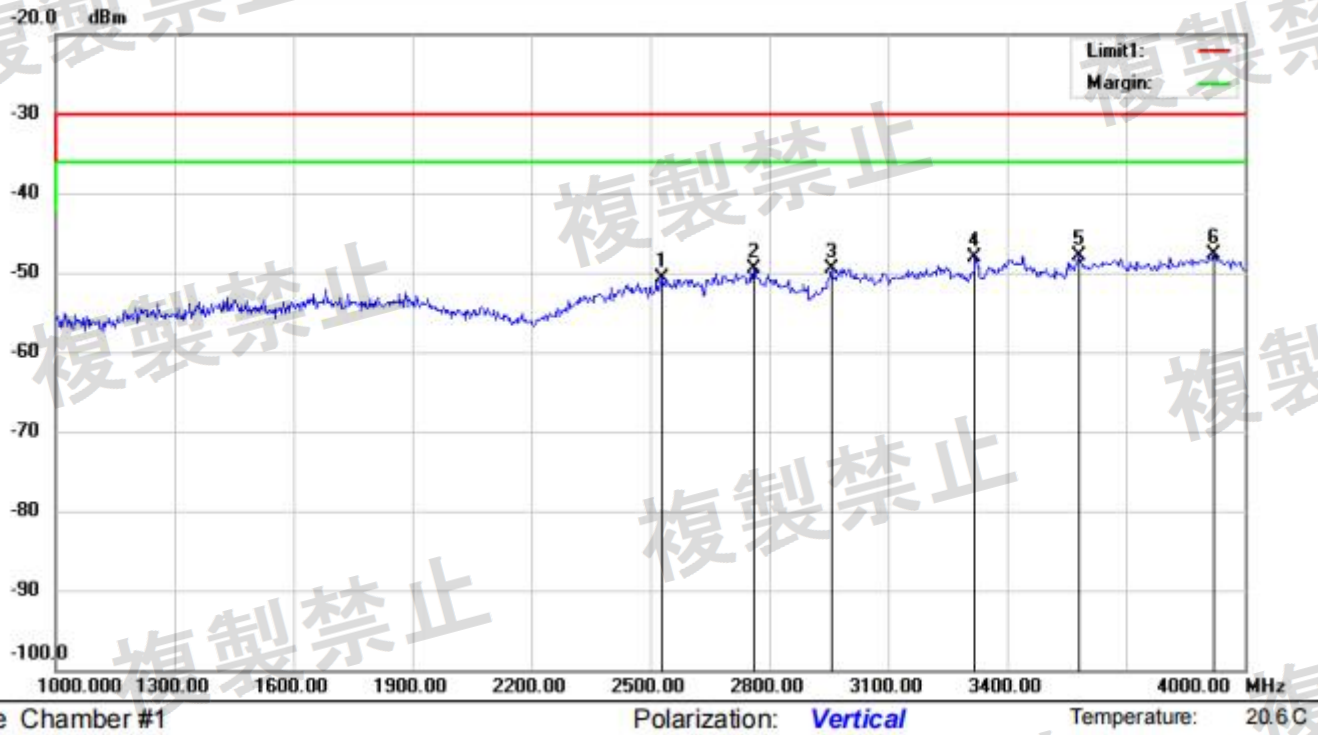
No.	Mk.	Freq. MHz	Reading Level dBm	Ant. Factor dB	Pre Amp Gain dB	Cable loss dB	Measure- ment dBm	Limit dBm	Over dB	HI	Degree	Comment
1		55.6094	-76.20	26.07	29	0.92	-78.21	-36.00	-42.21	peak		
2		98.1420	-77.10	23.85	28.88	1.28	-80.85	-36.00	-44.85	peak		
3		204.2377	-76.03	24.11	28.55	1.74	-78.73	-36.00	-42.73	peak		
4		411.8240	-76.58	28.69	28.99	2.57	-74.31	-36.00	-38.31	peak		
5	*	631.6884	-67.67	32.84	29.33	3.11	-61.05	-36.00	-25.05	peak		
6		945.4400	-72.59	35.74	28.85	3.9	-61.80	-36.00	-25.80	peak		



No.	Mk.	Freq.	Reading	Ant.	Pre Amp	Cable	Measure-	Limit	Over	HI	Degree		
		MHz	dBm	Factor	Gain	loss	ment	dBm	dB	Detector	cm	deg.	Comment
1		56.1974	-70.00	25.94	29.01	0.91	-72.16	-36.00	-36.16	peak			
2		99.1797	-76.36	23.93	28.86	1.26	-80.03	-36.00	-44.03	peak			
3		125.4457	-72.91	22.01	28.78	1.39	-78.29	-36.00	-42.29	peak			
4		374.6225	-76.20	27.84	28.75	2.48	-74.63	-36.00	-38.63	peak			
5	*	631.6884	-65.73	32.84	29.33	3.11	-59.11	-36.00	-23.11	peak			
6		945.4400	-73.68	35.74	28.85	3.9	-62.89	-36.00	-26.89	peak			



No.	Mk.	Freq. MHz	Reading Level dBm	Ant. Factor dB	Pre Amp Gain dB	Cable loss dB	Measure- ment dBm	Limit dBm	Over dB	HI	Degree	Comment
1		2402.273	-52.26	40.01	45.48	7.64	-50.09	-30.00	-20.09	peak		
2		2608.463	-52.03	40.62	45.1	7.06	-49.45	-30.00	-19.45	peak		
3		3004.240	-55.15	41.11	44.4	8.65	-49.79	-30.00	-19.79	peak		
4		3241.811	-54.39	41.7	44.59	8.33	-48.95	-30.00	-18.95	peak		
5	*	3407.704	-53.95	42.11	44.73	8.62	-47.95	-30.00	-17.95	peak		
6		3910.085	-55.21	42.71	45.13	9.54	-48.09	-30.00	-18.09	peak		



No.	Mk.	Freq. MHz	Reading Level dBm	Ant. Factor dB	Pre Amp Gain dB	Cable loss dB	Measure- ment dBm	Limit dBm	Over dB	HI	Degree	Comment
1		2531.864	-53.17	40.4	45.24	7.22	-50.79	-30.00	-20.79	peak		
2		2762.932	-53.87	40.93	44.83	8.2	-49.57	-30.00	-19.57	peak		
3		2956.315	-54.63	41.08	44.48	8.62	-49.41	-30.00	-19.41	peak		
4		3320.499	-53.74	41.9	44.66	8.45	-48.05	-30.00	-18.05	peak		
5		3584.570	-54.81	42.38	44.87	9.43	-47.87	-30.00	-17.87	peak		
6	*	3924.204	-54.90	42.72	45.14	9.54	-47.78	-30.00	-17.78	peak		

9.4 LIMIT OF SECONDARY RADIATED EMISSIONS (EIRP)

9.4.1 Applicable Standard

According to Item 8 of Article 2 Paragraph 1.

9.4.2 Conformance Limit

The secondary radiated emission shall not exceed the following limit:

- (1) 1GHz or lower: 4 nW/100 kHz (-54dBm) or less
- (2) Over 1 GHz: 4 nW /1MHz (-54dBm) or less

9.4.3 Test Setup Block Diagram

Test according to clause 6.1 radio frequency test setup

9.4.4 Test Procedure

- 1) The measurement equipment shall be set for peak hold mode of operation.
- 2) The resolution bandwidth shall be set to 100 kHz from 10MHz to 1GHz, the resolution bandwidth shall be set to 1MHz above 1GHz, and the sweep time shall be set to auto mode, to ensure all major modulation products are captured.
- 3) When the searched result is less than the specified limit, the maximum one shall be recorded, when the result is more than the specified limit, all measured values shall be recorded.
- 4) This measurement shall be repeated with the transmitter in standby mode where applicable
- 5) In addition, varying from 1m to 4m between the degrees of antenna height above ground for the measurement, find the position to adjust the orientation of the antenna for the measurement, power becomes the maximum.

9.4.5 Environmental Conditions

Temperature:	24 °C
Relative Humidity:	54%
ATM Pressure:	1011 mbar

9.4.6 Test Results

N/A

The product is a remote controller, which only has transmitting function, but has no receiving function.

9.5 ASSIGNED FREQUENCY (FREQUENCY RANGE)

9.5.1 Applicable Standard

According to Item 8 of Article 2 Paragraph 1.

9.5.2 Conformance Limit

Frequency allocation: 312MHz – 315.25MHz

Frequency tolerance: 312MHz – 315.25MHz

9.5.3 Test Setup Block Diagram



9.5.4 Test Procedure

- 1) A spectrum In case of conducted measurements, the radio device shall be connected to the measuring equipment via a suitable attenuator.
- 2) The measurement equipment shall be set for peak hold mode of operation.
- 3) Read the frequency and record it

9.5.5 Environmental Conditions

Temperature:	24 °C
Relative Humidity:	54%
ATM Pressure:	1011 mbar

9.5.6 Test Results

Test Voltage (V)	Frequency (MHz)	Limit (MHz)	Verdict
3.3	314.99333	312-315.25	PASS
3.0	314.99321	312-315.25	PASS
2.7	314.99318	312-315.25	PASS

9.6 TRANSMISSION TIME CONTROL EQUIPMENT

According to Item 8 of Article 2 Paragraph 1.

9.6.1 Conformance Limit

Not transmit cyclically

One transmission ON time 5 sec.or less

One transmission ON time (Manual Case):90 sec.or less Transmit cyclically

Transmit cyclically

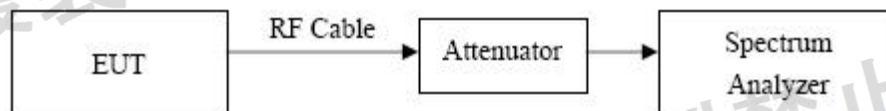
One transmission ON time 1 sec.or less

Transmission OFF time 10 sec.or more,and 30 times or more of "Transmission ON Time"

The radio equipment shall have the function of automatically restrict transmission.

However,in the case where the radio equipment is used for the safe operation of automobiles and other vehicles,if unavoidable reasons arise, the transmission pause time of the radio equipment is not required to be 10 sec. or more.

9.6.2 Test Setup Block Diagram



9.6.3 Test Procedure

Setting the spectrum analyzer is as follows.

Center frequency	Test frequency
Span	0Hz
RBW	100KHz
VBW	300KHz
Sweep time	5.0sec
Detection mode	Positive peak
Triggering condition	Level rise

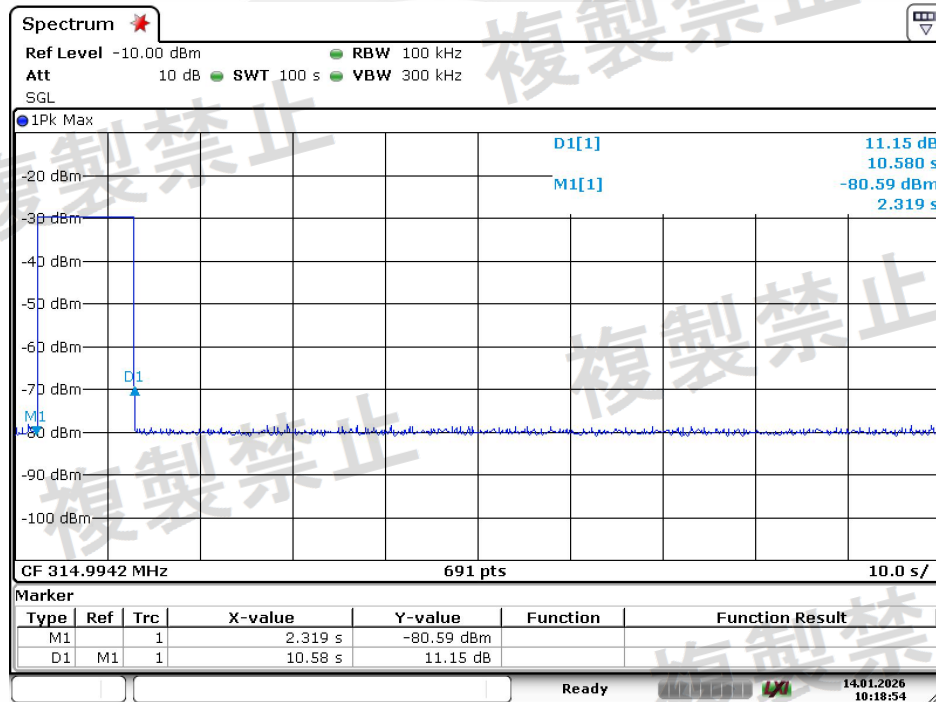
- 1) As two sets of spectrum analyzer, set to trigger at rising edge trigger conditions, to launch state radio test equipment.
- 2) To verify that, and stopped firing of radio equipment within the time prescribed in the regulations, downtime is greater than or equal to time transmitting equipment to the Regulations.
- 3) If there is not enough time resolution of the spectrum analyzer in the measurement of the transmission pause time, set the trigger down to shorten the time to sweep up the trigger conditions, the time after stopping the firing of test equipment radio equipment prescribed in the regulations ensure that the time is greater than or equal to.

9.6.4 Environmental Conditions

Temperature:	24 °C
Relative Humidity:	54%
ATM Pressure:	1011 mbar

9.6.5 Test Results

Test Item	Sending duration
Limit	90s or less
Test Result	10.58s



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10 APPENDIX PHOTOGRAPHS OF TEST SETUP

