

JAPAN SPECIFIED RADIO EQUIPMENT TEST REPORT

For

Taisync Technology Inc.

2051 Junction Ave. Ste 115 San Jose California 95131 United States

Model: DN2400F-B01P-01

Report Type
Original Report

Product Type:
2.4GHz HD Wireless Link

Report Producer : Jojo Lu

Report Number : RXZ260319062RF01

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Revision History

Revision	No.	Report Number	Issue Date	Description	Author/ Revised by
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1. GENERAL INFORMATION

1.1 PRODUCT DESCRIPTION FOR EQUIPMENT UNDER TEST (EUT)

Applicant	Taisync Technology Inc.
	2051 Junction Ave. Ste 115 San Jose California 95131 United States
Brand(Trade) Name	Viulinx
Product (Equipment)	2.4GHz HD Wireless Link
Model Name	DN2400F-B01P-01
Series Model Name	NA
Model Discrepancy	N/A
Frequency Range	SRD Mode: 2410 - 2470 MHz
Rated Antenna Power	RF 1: 4.0 mW/MHz
	RF 2: 4.6 mW/MHz
Modulation Type	OFDM
Antenna Specification	Dipole Antenna / 5.5 dBi
Power Operation (Voltage Range)	24 Vdc
Received Date	2026/3/19

*All measurement and test data in this report was gathered from production sample serial number:

RXZ260319062-1 , RXZ260319062-2 (Assigned by BACL, New Taipei Laboratory).

1.2 OBJECTIVE

Type of Equipment: Certification Ordinance Article 2, Paragraph 1, Item 19

Test method(s): MIC Notice No.88 of 2004, Appendix No.43

1.3 STATEMENT

Decision Rule: No, (The test results do not include MU judgment)

1. It may not be duplicated or used in part without prior written consent from Bay Area Compliance Laboratories Corp.(New Taipei Laboratory).
2. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.
3. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.
4. The determination of the test results does not require consideration of the uncertainty of the measurement, unless the assessment is required by customer agreement, regulation or standard document specification.
5. Bay Area Compliance Laboratories Corp.(New Taipei Laboratory) is not responsible for the authenticity of the information provided by the applicant that affects the test results.

2. SUMMARY OF TEST RESULTS

Items	Description of Test	Result
1	Frequency Error	Compliance
2	Occupied Bandwidth	Compliance
3	Transmitter Spurious Emission and Unwanted Emission Intensity	Compliance
4	Antenna Output Power and Output Power Tolerance	Compliance
5	Receiver Spurious Emission and Unwanted Emission Intensity	Compliance
6	Carrier Sense Capability	Not Applicable**
7	Transmission Antenna Gain	Not Applicable*
8	Transmission Radiation Angle Width	Not Applicable*
9	Interference Prevention Function	Compliance
10	Frequency Hopping Dwell Time	Not Applicable
Note	Construction Protection Confirmation	Compliance

Not Applicable: Testing is only required for FHSS system devices.

Not Applicable*: This test item will not be applied to the Antenna power (EIRP) of 12.14 dBm/MHz or less.

Not Applicable**: The test only required for bandwidth more than 26MHz and less than 40MHz.

3. TEST METHODOLOGY & CONDITIONS

3.1 TEST CONDITIONS

The main board has voltage regulator IC: TPS65261RHBR, power deviation of the RF chipset input is less than 1% when extreme voltage supplied, therefore exempt extremely high and low supply voltage condition tests the test only performed at normal condition.

Voltage Fluctuation	Normal Voltage	High Voltage	Low Voltage
Input Voltage (V _{DC})	24	26.4	21.6
RF System Voltage(V _{DC})	2.5	2.5	2.5

3.2 DESCRIPTION OF TEST MODES

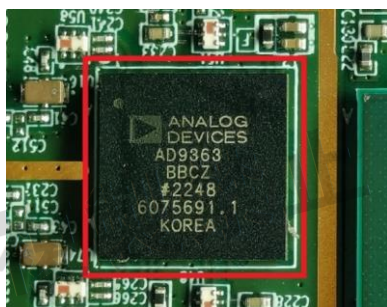
The EUT (model: DN2400F-B01P-01) had been tested under operating condition.

For SRD mode, there are totally 3 channels.

Channel	Frequency (MHz)
1	2410
2	2444
3	2470

3.3 RF SHIELDING METHOD

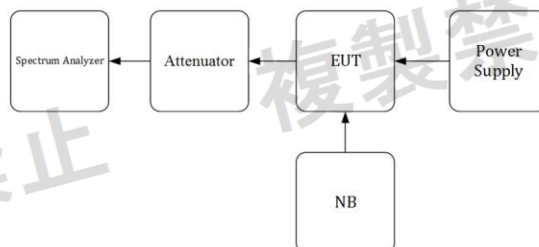
The semiconductor components that make up the high-frequency and modulation circuits are packaged in SMD packages and have multiple terminals with very small spacing between each terminal, making them difficult to modify.



3.4 SETUP OF EQUIPMENT UNDER TEST

Setup Diagram

See test photographs attached in Appendix for the actual connections between EUT and support equipment.



Test Mode

Full System (model: DN2400F-B01P-01) Transmitter module for all test item.

Serial number RXZ260319062-1: Transmitter module.

Serial number RXZ260319062-2: Receiver module.

Power Setting

The system was configured for testing in engineering mode, which was provided by Applicant.

EUT Exercise Software :192.168.199.18/calibration.html

This product can be switched between a transmitter module and a receiver module via software control.

The transmitter module and a receiver module have identical hardware and RF characteristics, so the output power of both modules was tested.

Test Frequency		2410 MHz	2444 MHz	2470 MHz
Power Level Setting	RF 1	15	15	15
	RF 2	15	15	15

The device does not support MIMO mode.

Support Equipment

Equipment	Trade Name	Model
NB	DELL	E6410
DC Power Supply	KIKUSUI	PMC35-2

Cable Description	Length (m)	From	To
Power cable -> 4 pin	1	DC Power Supply	EUT
RJ45 cable -> 6 pin	1	NB	EUT

4. INSTRUMENT AND CALIBRATION

4.1 MEASURING INSTRUMENT CALIBRATION

The measuring equipment utilized to perform the tests documented in this report has been calibrated once a year or in accordance with the manufacturer's recommendations, and is traceable to recognized national standards.

4.2 TEST AND MEASUREMENT EQUIPMENT

The following list contains measurement equipment used for testing. The equipment conforms to the requirement of CISPR 16-1, ANSI C63.2 and other equivalent standards.

Calibration of all test and measurement, including any accessories that may effect such calibration, is checked frequently to ensure the accuracy. Adjustments are made and correction factors are applied in accordance with the instructions contained in the respective manual.

Equipment Used for Emission Measurement

Name of Equipment	Manufacturer	Model	Serial Number	Calibration Date	Proposed Calibration Date	Calibration Authority	Calibration Method
Spectrum Analyzer	Rohde & Schwarz	FSV40	101204	2025/6/4	2026/6/4	ETC	c)
Power Meter	Agilent	E4419B	GB43312279	2026/1/6	2027/1/6	ETC	c)
E-Series Avg Power Sensor	Agilent	E9304A	MZ54110016	2026/1/6	2027/1/6	ETC	c)
Signal Generator	Rohde & Schwarz	SMB100A	110700	2026/2/11	2027/2/11	ETC	c)
Wideband Radio Communication Tester	Rohde & Schwarz	CMW 500	107105	2026/3/18	2027/3/18	ETC	c)
Splitter	Mini-Circuits	ZFRSC-183-S+	S F112701513	2026/1/20	2027/1/20	BACL	d)
Cable	UTIFLEX	UFA210A	9435	2025/9/30	2026/9/30	BACL	d)
Attenuator	MCL	BW-S10W5+	605	2026/1/16	2027/1/16	BACL	d)

NOTE: Calibration Method

- a) : Calibration conducted by the National Institute of Information and Communications Technology - 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) - Japan Calibration Service System
- 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 other equipment that listed above from a) to c)

4.3 MEASUREMENT UNCERTAINTY

For the test methods, according to the present document, the measurement uncertainty figures shall be calculated in accordance with TR 100 028-1 [2] and shall correspond to an expansion factor (coverage factor) $k = 1,96$ or $k = 2$ (which provide confidence levels of respectively 95 % and 95,45 % in the case where the distributions characterizing the actual measurement uncertainties are normal (Gaussian)).

Table: Maximum measurement uncertainty

Parameter	Uncertainty
Occupied Bandwidth	$\pm 0.09 \%$
Frequency Error	$\pm 0.01 \text{ ppm}$
Antenna Output Power	$\pm 3.78 \text{ dB}$
Transmitter Spurious Emission and Unwanted Emission Intensity	$\pm 1.09 \text{ dB}$
Humidity	$\pm 0.41 \%$
Temperature	$\pm 0.76 \text{ }^{\circ}\text{C}$
Voltages	$\pm 0.42 \text{ (V)}$

5. TEST RESULT

Environmental Conditions

Temperature:	24.5~25.1 °C
Relative Humidity:	60~63 %

The testing was performed by Jet on 2026/3/25~2026/3/27

5.1 FREQUENCY ERROR

TEST PROCEDURE

Spectrum Analyzer Conditions

- Center Frequency: Frequency to measure
- RBW: 100 kHz, VBW: 100 kHz
- Span: 10 MHz
- Sweep time: Auto
- Log scale: 10dB/Div, Data points: 400 points or more
- Reference level: Enough level for maximum dynamic range
- Detection: Positive Peak
- Sweep mode: Single Sweep
- If the EUT can't set at un-modulation mode, measure the 20dBc center frequency.

TEST RESULT

RF1

Frequency (MHz)	Reading(Left) (MHz)	Reading(Right) (MHz)	Center Frequency (MHz)	Tolerance (ppm)	Limit (ppm)
2410.0000	2405.326000	2414.689000	2410.0075	3.11	<±50
2444.0000	2439.326000	2448.674000	2444.0000	0.00	
2470.0000	2465.340000	2474.689000	2470.0145	5.87	

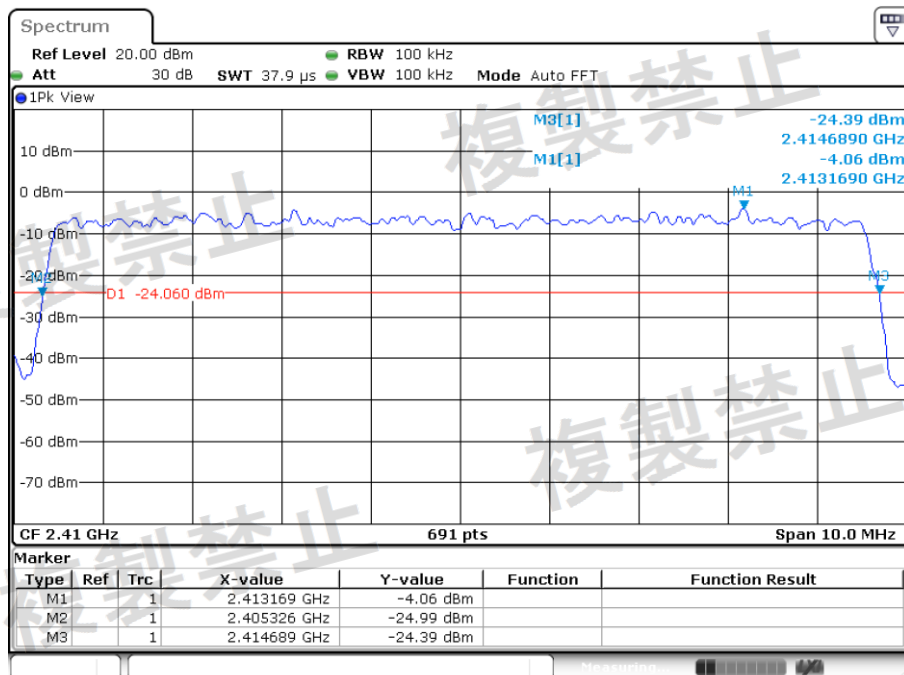
RF 2

Frequency (MHz)	Reading(Left) (MHz)	Reading(Right) (MHz)	Center Frequency (MHz)	Tolerance (ppm)	Limit (ppm)
2410.0000	2405.297000	2414.645000	2409.9710	-12.03	<±50
2444.0000	2439.326000	2448.689000	2444.0075	3.07	
2470.0000	2465.340000	2474.689000	2470.0145	5.87	

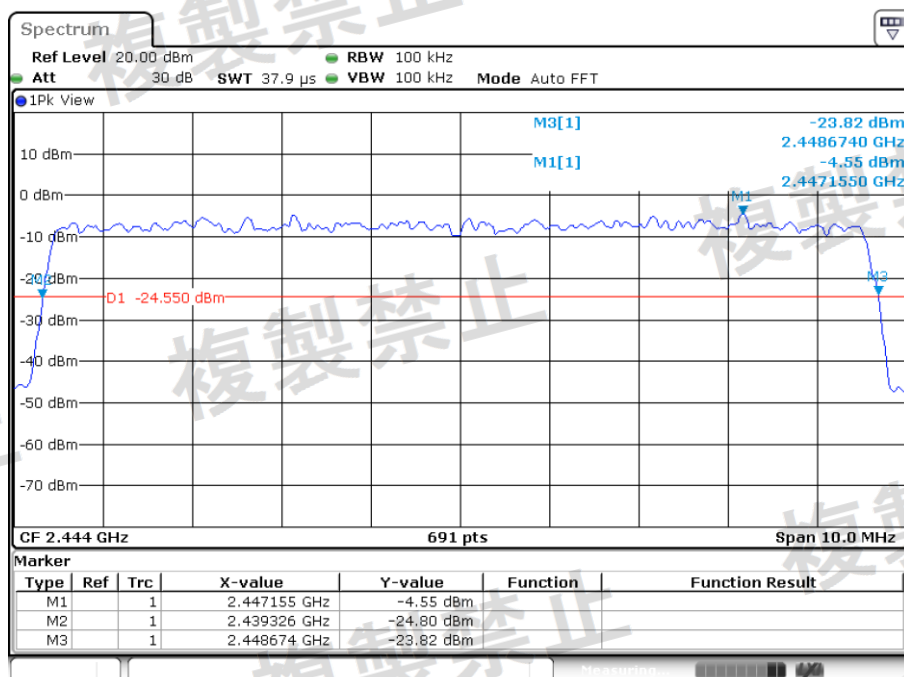
Note:

Center Frequency = (Reading(Left)+Reading(Right))/2

Frequency tolerance=((Center Frequency - frequency) / frequency)*10⁻⁶

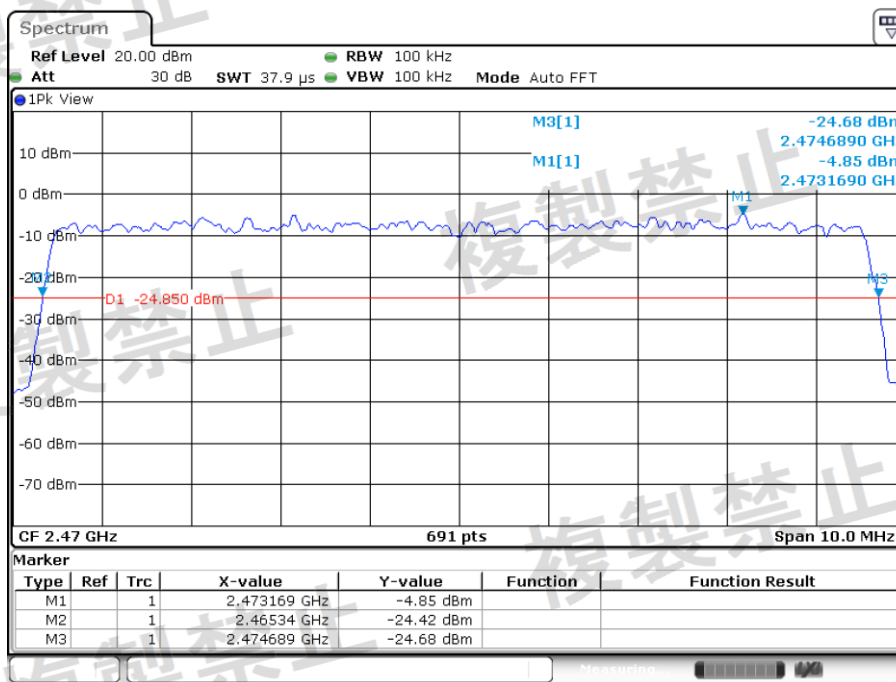
TEST PLOTS**RF1****CH Low**

ProjectNo.:RXZ260319062 Tester:Jet
Date: 27.MAR.2026 11:36:48

CH Mid

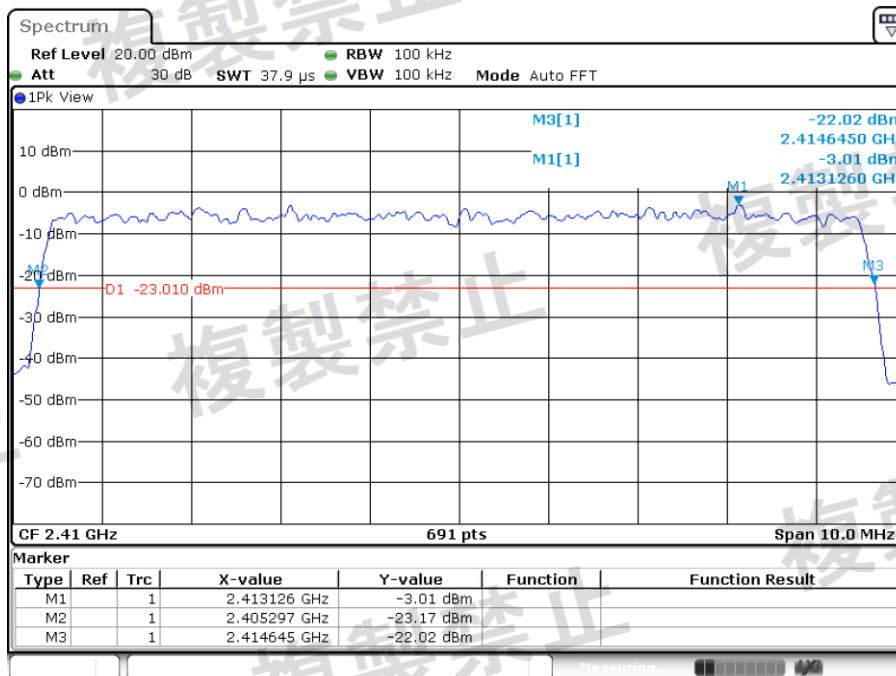
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CH High

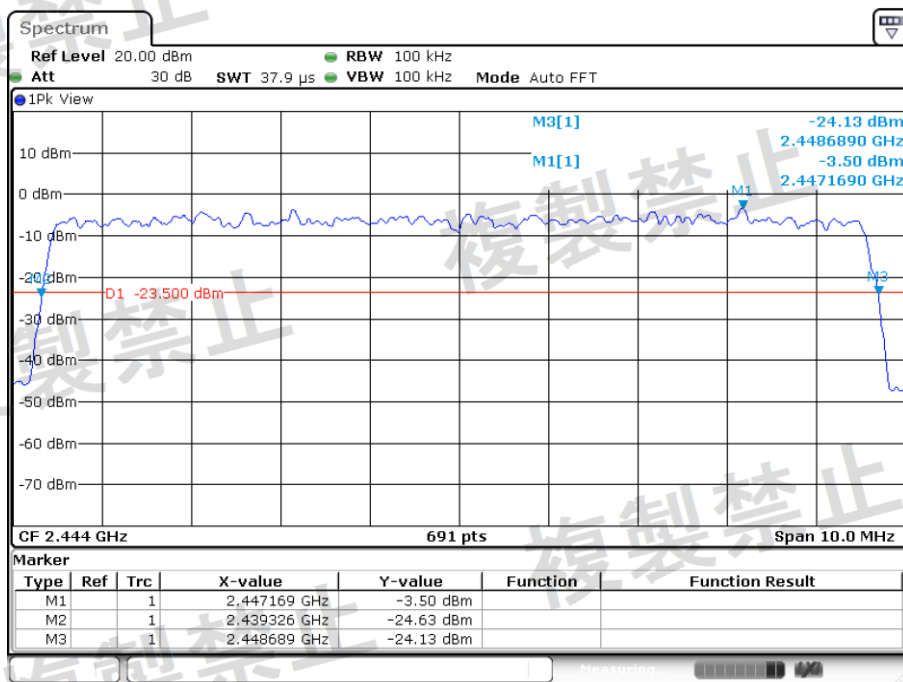


RF2

CH Low



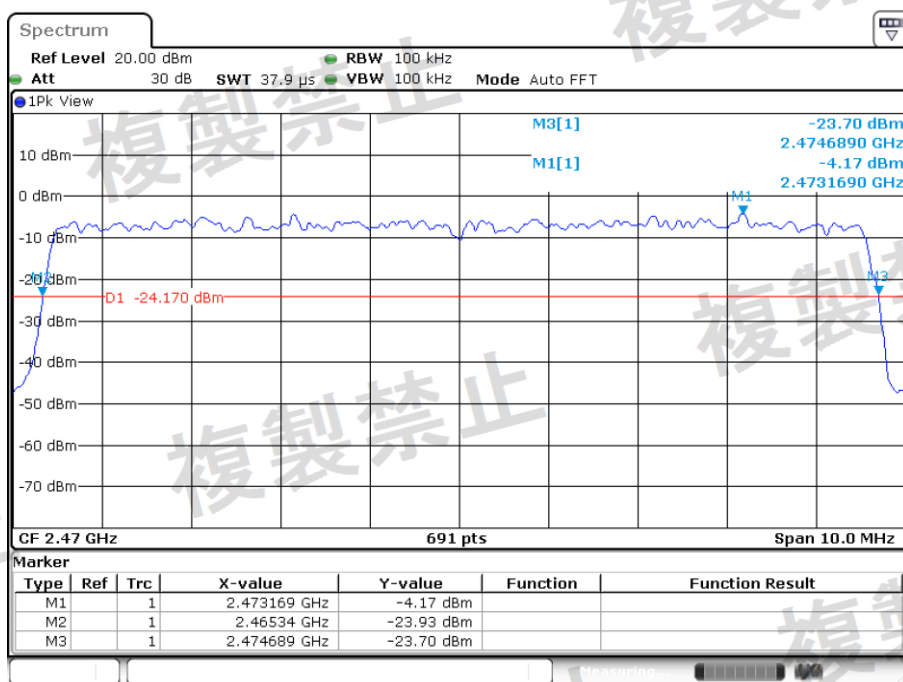
CH Mid



ProjectNo.:RXZ260319062 Tester:Jet

Date: 27. MAR 2026 12:01:22

CH High



ProjectNo.:RXZ260319062 Tester:Jet

Date: 27. MAR 2026 12:04:50

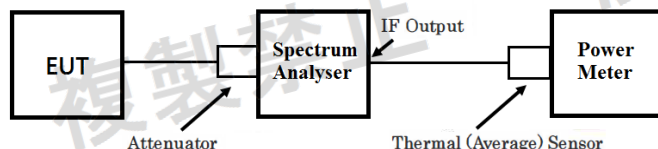
5.2 ANTENNA OUTPUT POWER AND OUTPUT POWER TOLERANCE

TEST PROCEDURE

Step 1:

Connect the UUT to the spectrum analyser and Connect a high frequency power meter to the IF output of the spectrum analyzer.

<Block Diagram of Test Setup>:



Step 2:

The spectrum analyzer used the following settings:

- Centre Frequency: The centre frequency of the channel under test.
- RBW: 1 MHz.
- VBW: 1 MHz.
- Span: Wide enough to cover the complete power envelope of the signal of the UUT.
- Detector: Peak.
- Trace Mode: Max Hold.

Step 3:

When the trace is complete, find the peak value of the power envelope and record the frequency.

Step 4:

Make the following changes to the settings of the spectrum analyser:

- Center frequency Frequency that gives the maximum power (searched frequency)
- Sweep frequency width: 0 Hz
- Resolution bandwidth: 1 MHz
- Video bandwidth: Approximately the same as the resolution bandwidth
- Sweep mode: Continuous sweep
- Trace Mode: Max Hold.

Step 5:

When the trace is complete, capture the trace, for example using the "View" option on the spectrum analyser. For Find the peak value of the trace and place the analyser marker on this peak.

The value of Power Meter (from IF output) at that time is recorded.

TEST RESULT**Transmitter module:****RF 1**

(Declared Antenna power is 4.0 mW/MHz)

Frequency	2410MHz	2444MHz	2470MHz	Limit
Reading (dBm)	-24.01	-24.35	-24.72	/
System Factor (dB)	29.99	29.99	29.99	/
Antenna Power (dBm/MHz)	5.98	5.64	5.27	10
Duty Cycle(%)	100.00	100.00	100.00	/
on time(ms)	100.00	100.00	100.00	/
off time(ms)	0.00	0.00	0.00	/
Offset Factor(dB)	0.00	0.00	0.00	/
Antenna Power (mW/MHz)	3.96	3.66	3.37	10
Antenna Power error(%)	-0.93	-8.39	-15.87	<20
EIRP(dBm/MHz)	11.48	11.14	10.77	12.14

RF 2

(Declared Antenna power is 4.6 mW/MHz)

Frequency	2410MHz	2444MHz	2470MHz	Limit
Reading (dBm)	-23.39	-23.69	-23.90	/
System Factor (dB)	29.99	29.99	29.99	/
Antenna Power (dBm/MHz)	6.60	6.30	6.09	10
Duty Cycle(%)	100.00	100.00	100.00	/
on time(ms)	100.00	100.00	100.00	/
off time(ms)	0.00	0.00	0.00	/
Offset Factor(dB)	0.00	0.00	0.00	/
Antenna Power (mW/MHz)	4.57	4.27	4.06	10
Antenna Power error(%)	-0.63	-7.27	-11.64	<20
EIRP(dBm/MHz)	12.10	11.80	11.59	12.14

Note:

Duty Factor (Offset Factor) = $10 \cdot \log(1/\text{duty cycle})$

Antenna Output Power(dBm/MHz) = Power Meter + System Factor + Duty Factor

Antenna Output Power(mW/MHz) = $10^{(\text{Antenna Output Power(dBm/MHz)}/10)}$

System Factor:

Signal Generator	Direct Power Meter	Power Meter to IF Output	System Factor
(dBm)	(dBm)	(dBm)	(dB)
SRD	-0.40	-30.39	29.99

System Factor = Power meter to IF output(dBm) – Direct Power Meter(dBm)

Receive module:**RF 1**

(Declared Antenna power is 4.0 mW/MHz)

Frequency	2410MHz	2444MHz	2470MHz	Limit
Reading (dBm)	-24.19	-24.42	-24.86	/
System Factor (dB)	29.99	29.99	29.99	/
Antenna Power (dBm/MHz)	5.80	5.57	5.13	10
Duty Cycle(%)	100.00	100.00	100.00	/
on time(ms)	100.00	100.00	100.00	/
off time(ms)	0.00	0.00	0.00	/
Offset Factor(dB)	0.00	0.00	0.00	/
Antenna Power (mW/MHz)	3.80	3.61	3.26	10
Antenna Power error(%)	-4.95	-9.86	-18.54	<20
EIRP(dBm/MHz)	11.30	11.07	10.63	12.14

RF 2

(Declared Antenna power is 4.6 mW/MHz)

Frequency	2410MHz	2444MHz	2470MHz	Limit
Reading (dBm)	-23.49	-23.78	-24.03	/
System Factor (dB)	29.99	29.99	29.99	/
Antenna Power (dBm/MHz)	6.50	6.21	5.96	10
Duty Cycle(%)	100.00	100.00	100.00	/
on time(ms)	100.00	100.00	100.00	/
off time(ms)	0.00	0.00	0.00	/
Offset Factor(dB)	0.00	0.00	0.00	/
Antenna Power (mW/MHz)	4.47	4.18	3.94	10
Antenna Power error(%)	-2.89	-9.17	-14.25	<20
EIRP(dBm/MHz)	12.00	11.71	11.46	12.14

Note:

Duty Factor (Offset Factor) = $10 \cdot \log(1/\text{duty cycle})$

Antenna Output Power(dBm/MHz) = Power Meter + System Factor + Duty Factor

Antenna Output Power(mW/MHz) = $10^{(\text{Antenna Output Power(dBm/MHz)}/10)}$

System Factor:

Signal Generator	Direct Power Meter	Power Meter to IF Output	System Factor
(dBm)	(dBm)	(dBm)	(dB)
SRD	-0.40	-30.39	29.99

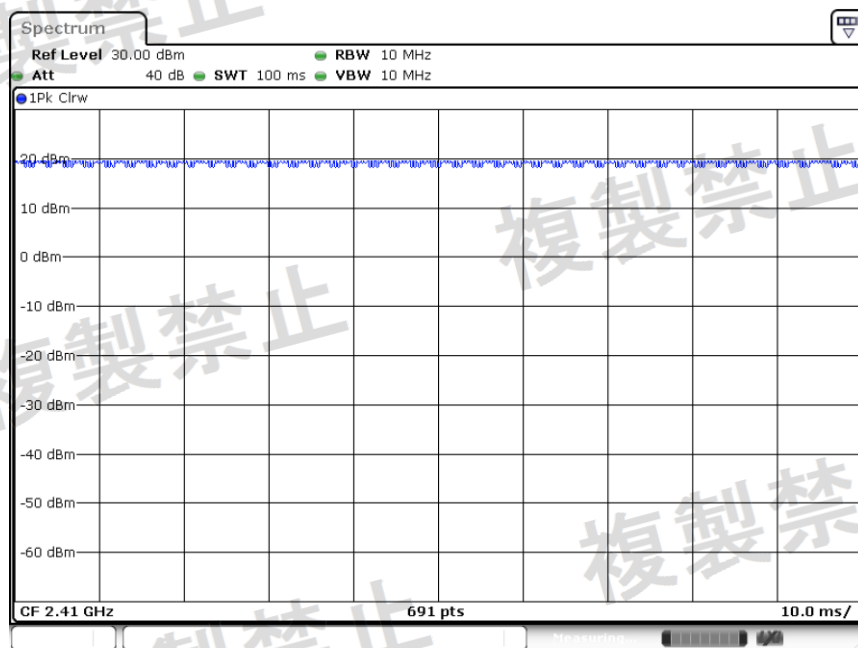
System Factor = Power meter to IF output(dBm) – Direct Power Meter(dBm)

Duty Cycle:

Mode	On Time (ms)	On + Off Time (ms)	Duty Cycle (%)
RF 1	100	100	100
RF 2	100	100	100

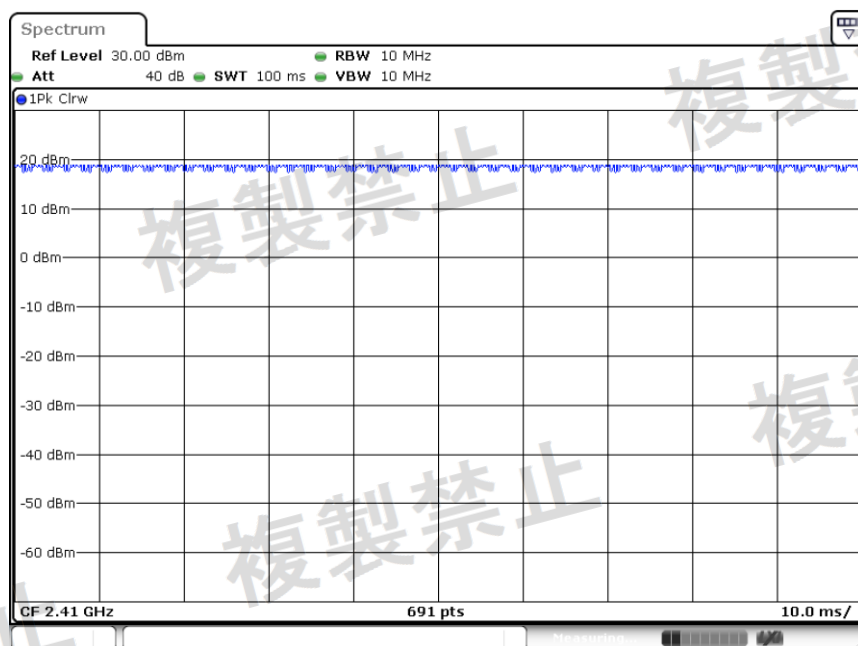
Please refer to the following Duty Cycle test plots.

RF 1



ProjectNo.: RXZ260319062 Tester: Jet
Date: 25. MAR 2026 17:35:22

RF 2



ProjectNo.: RXZ260319062 Tester: Jet
Date: 26. MAR 2026 15:39:45

5.3 TRANSMITTER SPURIOUS EMISSION AND UNWANTED EMISSION INTENSITY

TEST PROCEDURE

Spectrum Analyzer Conditions

- Span: Measuring Frequency Range
- RBW: 1MHz (frequency range; 1GHz over), 100kHz (frequency range; 30MHz to 1GHz)
- VBW: Same as RBW (1MHz or 100kHz)
- Sweep time: Auto(Minimum time to ensure measurement accuracy.)
- Data points : 400 points or more
- Reference level: Enough level for maximum dynamic range
- Detection: Positive Peak

TEST RESULT

RF 1

Frequency Band	Frequency	Reading (MHz)	Reading (dBm)	Cable Factor (dB)	Result	Limit
(30MHz ~ 1000MHz) (μW/100kHz)	2410MHz	912.3000	-56.85	9.95	0.0204	0.25
	2444MHz	538.9000	-57.23	9.95	0.0187	
	2470MHz	901.0000	-56.71	9.95	0.0211	
(1000MHz ~ 2387MHz) (μW/MHz)	2410MHz	2369.9000	-44.10	9.95	0.3846	2.5
	2444MHz	1785.8000	-47.83	9.95	0.1629	
	2470MHz	1482.7000	-48.67	9.95	0.1343	
(2387MHz ~ 2400MHz) (μW/MHz)	2410MHz	2399.9720	-30.37	9.95	9.0782	25
	2444MHz	2399.9530	-45.29	9.95	0.2924	
	2470MHz	2394.7420	-47.84	9.95	0.1626	
(2,483.5MHz ~ 2,496.5GHz) (μW/MHz)	2410MHz	2487.7240	-47.25	9.95	0.1862	25
	2444MHz	2485.0900	-44.58	9.95	0.3443	
	2470MHz	2485.4470	-41.50	9.95	0.6998	
(2,496.5MHz ~ 12.5GHz) (μW/MHz)	2410MHz	6948.5000	-40.51	9.95	0.8790	2.5
	2444MHz	6962.5000	-40.58	9.95	0.8650	
	2470MHz	6962.5000	-41.46	9.95	0.7063	

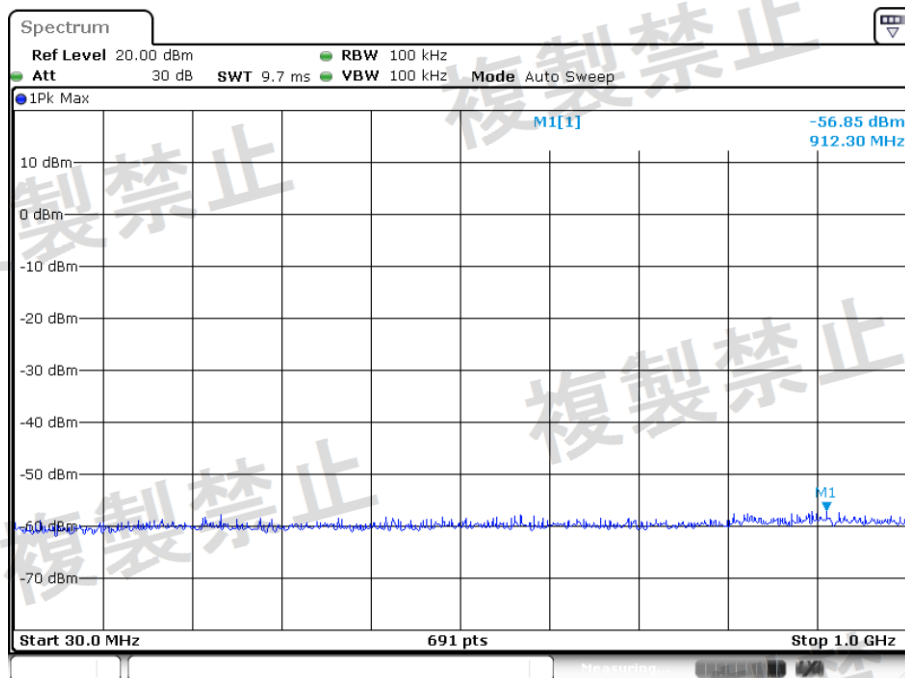
RF 2

Frequency Band	Frequency	Reading (MHz)	Reading (dBm)	Cable Factor (dB)	Result	Limit
(30MHz ~ 1000MHz) (μW/100kHz)	2410MHz	804.2000	-56.12	9.95	0.0242	0.25
	2444MHz	975.4000	-57.10	9.95	0.0193	
	2470MHz	868.7000	-56.82	9.95	0.0206	
(1000MHz ~ 2387MHz) (μW/MHz)	2410MHz	2369.9000	-43.63	9.95	0.4285	2.5
	2444MHz	1420.5000	-47.78	9.95	0.1648	
	2470MHz	1964.5000	-47.48	9.95	0.1766	
(2387MHz ~ 2400MHz) (μW/MHz)	2410MHz	2399.9910	-29.47	9.95	11.1686	25
	2444MHz	2399.8970	-43.68	9.95	0.4236	
	2470MHz	2399.8970	-48.04	9.95	0.1552	
(2,483.5MHz ~ 2,496.5GHz) (μW/MHz)	2410MHz	2493.9130	-48.13	9.95	0.1521	25
	2444MHz	2487.6110	-43.49	9.95	0.4426	
	2470MHz	2485.6920	-37.18	9.95	1.8923	
(2,496.5MHz ~ 12.5GHz) (μW/MHz)	2410MHz	6977.5000	-41.17	9.95	0.7551	2.5
	2444MHz	6991.5000	-41.28	9.95	0.7362	
	2470MHz	7006.5000	-39.76	9.95	1.0447	

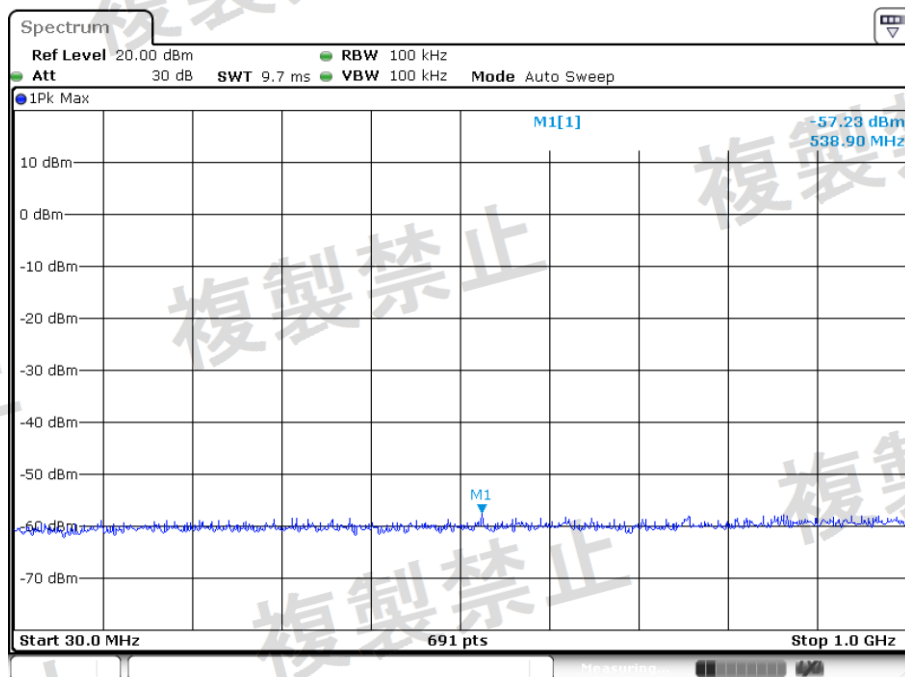
Note:

$$\text{Result} = 10^{[(\text{Reading(dBm)} + \text{Cable Factor})/10] * 1000}$$

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(New Taipei Laboratory)

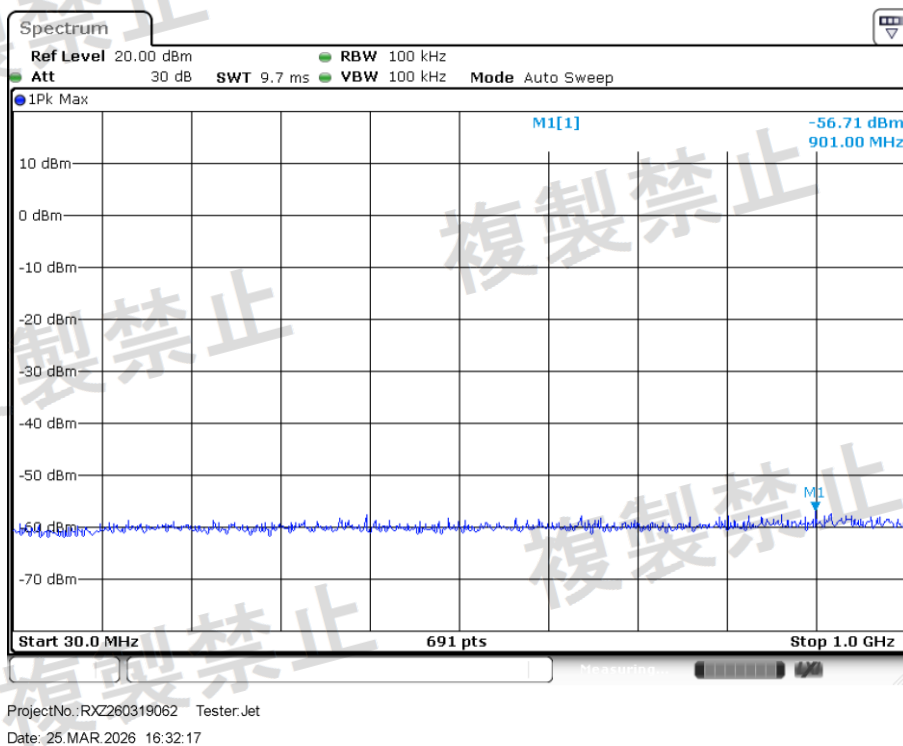
TEST PLOTS**RF 1****30MHz-1000MHz****CH Low**

ProjectNo.:RXZ260319062 Tester:Jet
Date: 25.MAR.2026 15:15:17

CH Mid

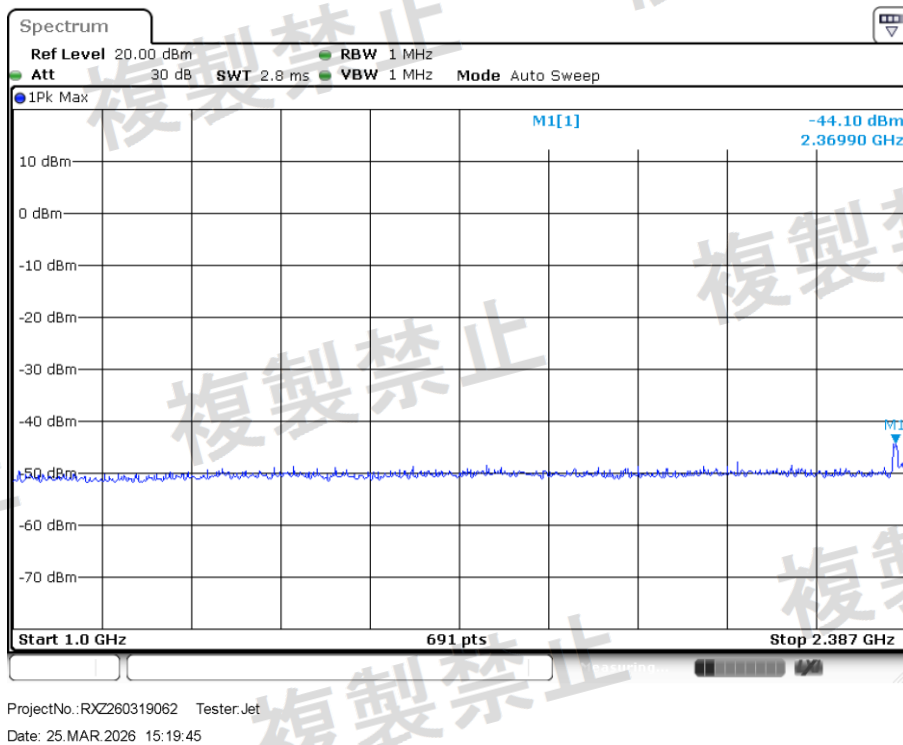
ProjectNo.:RXZ260319062 Tester:Jet
Date: 25.MAR.2026 16:08:38

CH High

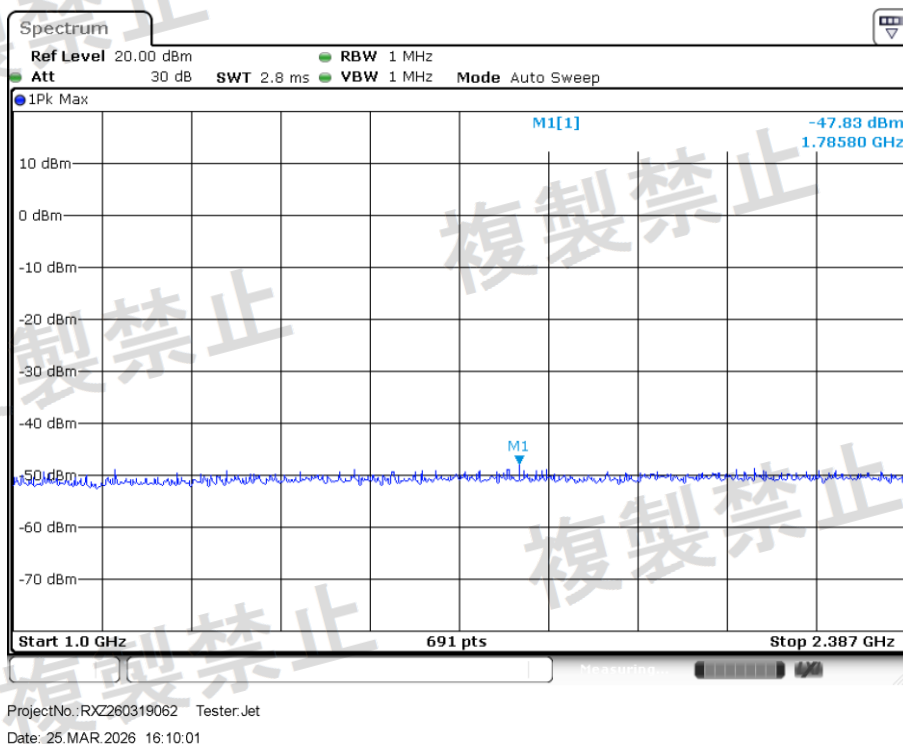


1000MHz-2387MHz

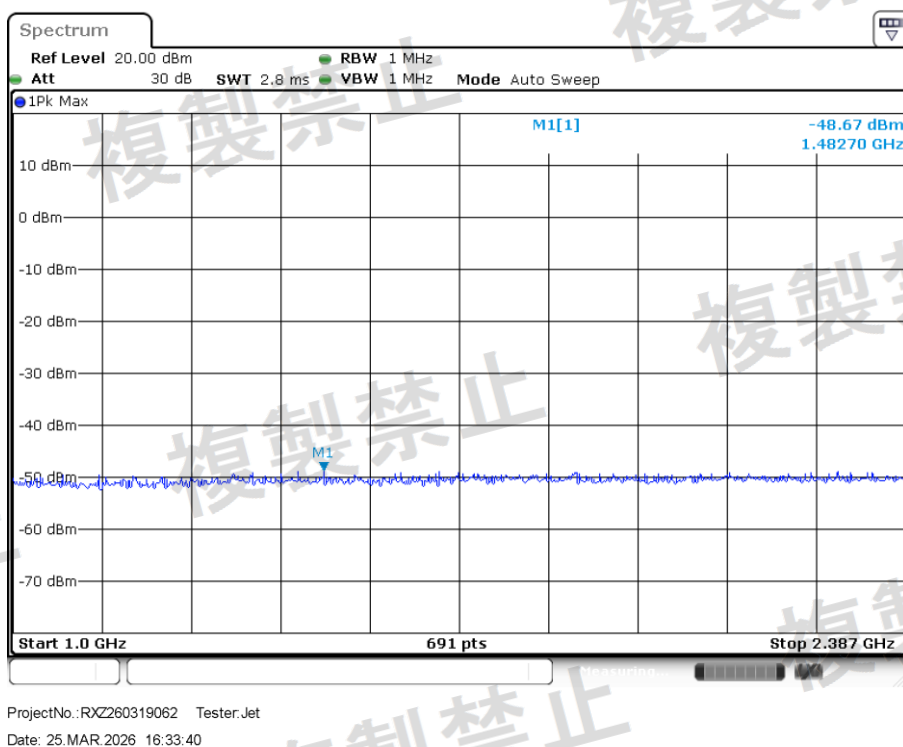
CH Low



CH Mid

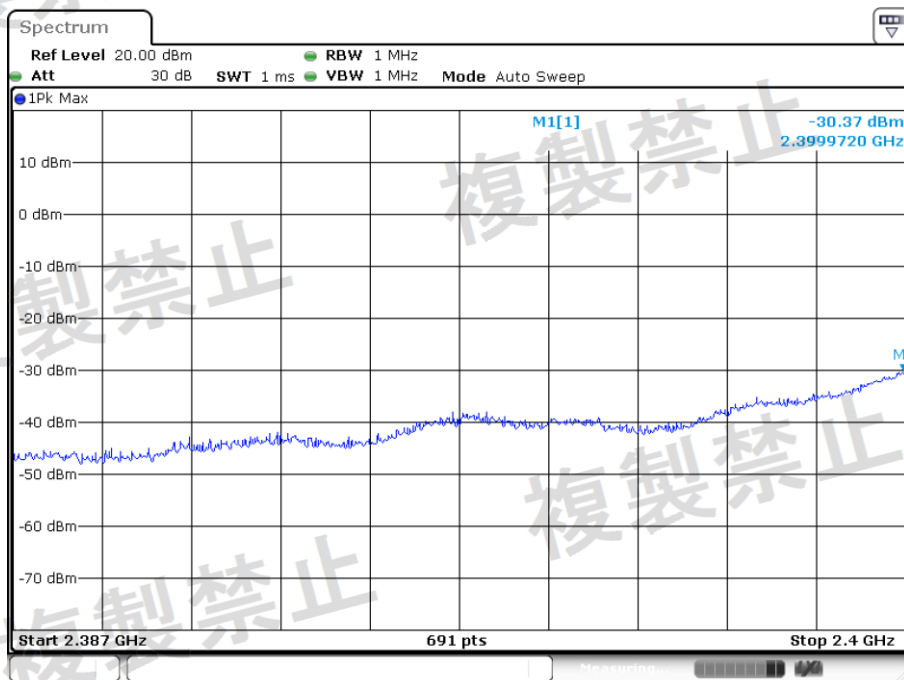


CH High



2387MHz-2400MHz

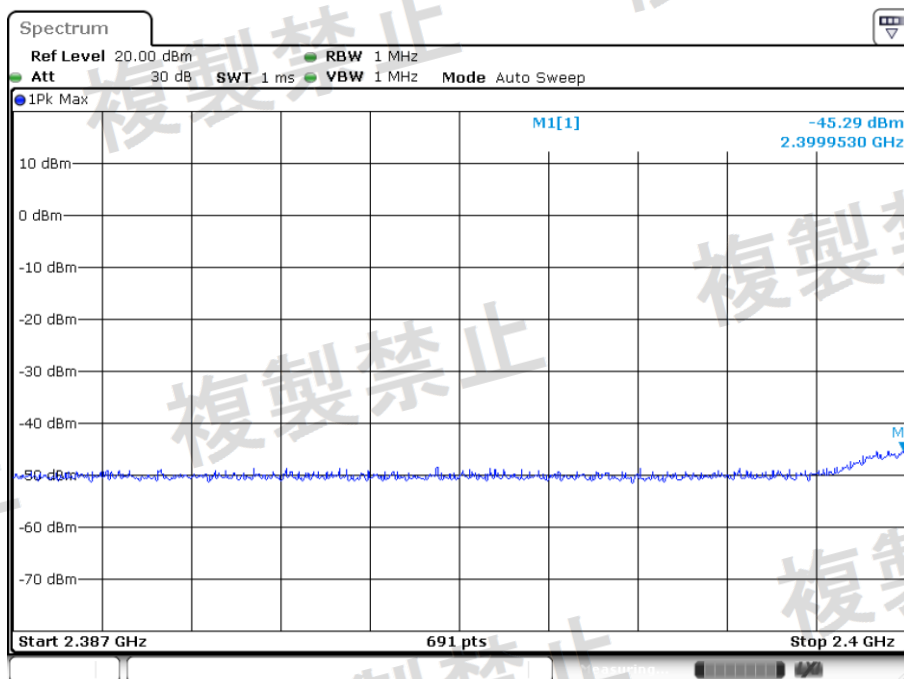
CH Low



ProjectNo.:RXZ260319062 Tester:Jet

Date: 25.MAR.2026 15:24:37

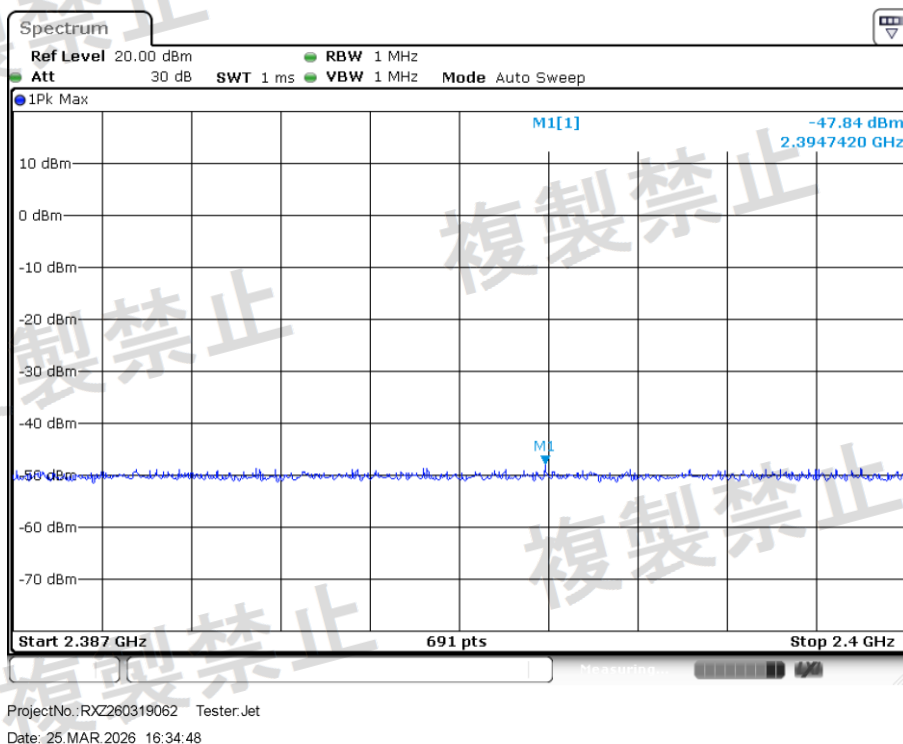
CH Mid



ProjectNo.:RXZ260319062 Tester:Jet

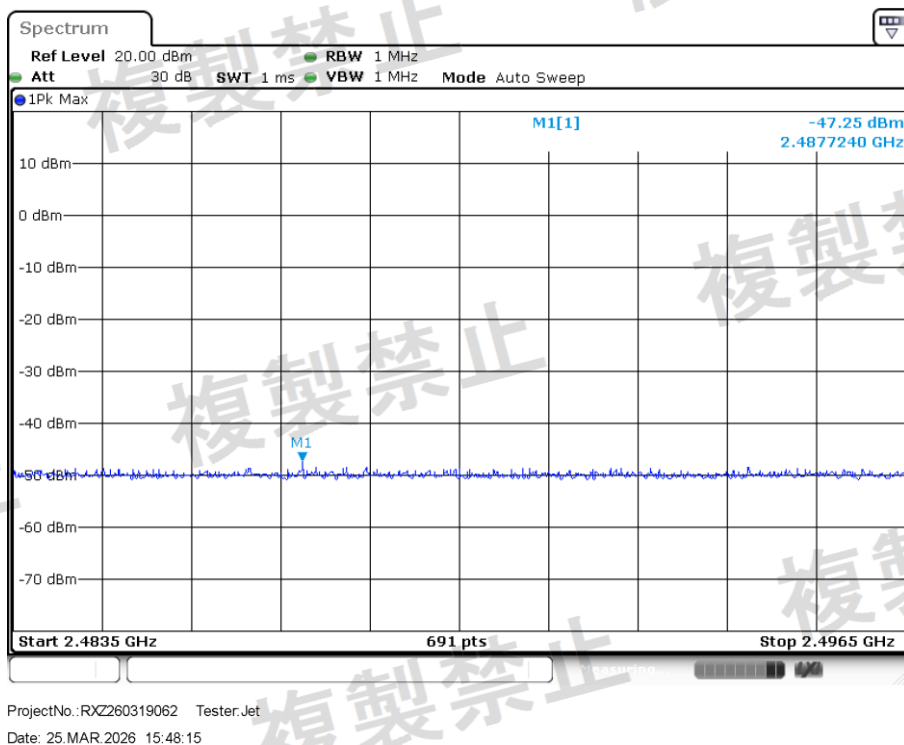
Date: 25.MAR.2026 16:11:30

CH High

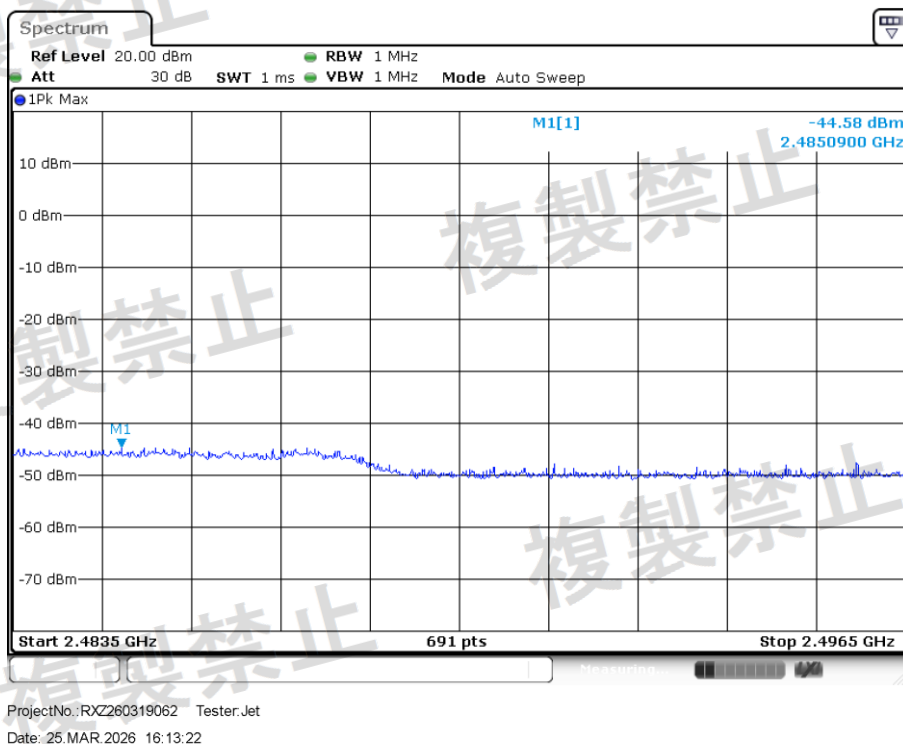


2483.5MHz-2496.5MHz

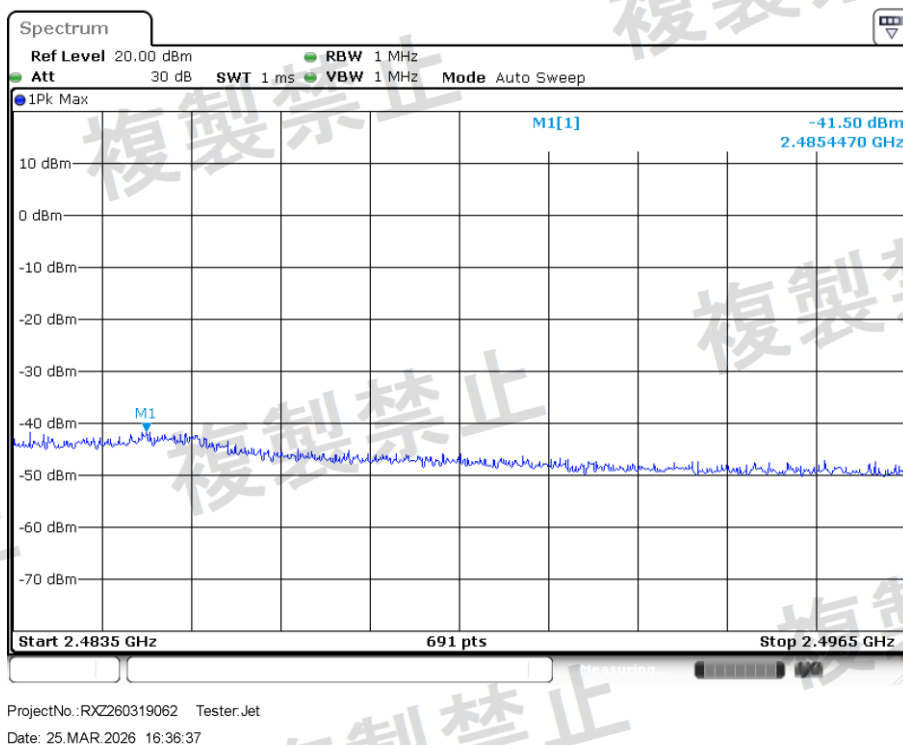
CH Low



CH Mid

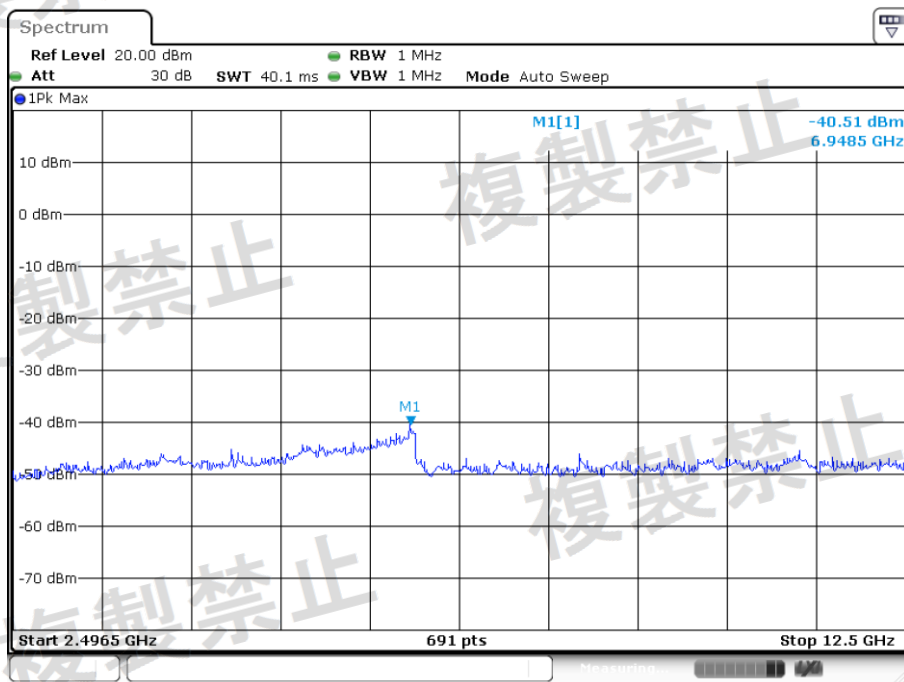


CH High



2496.5MHz-12.5GHz

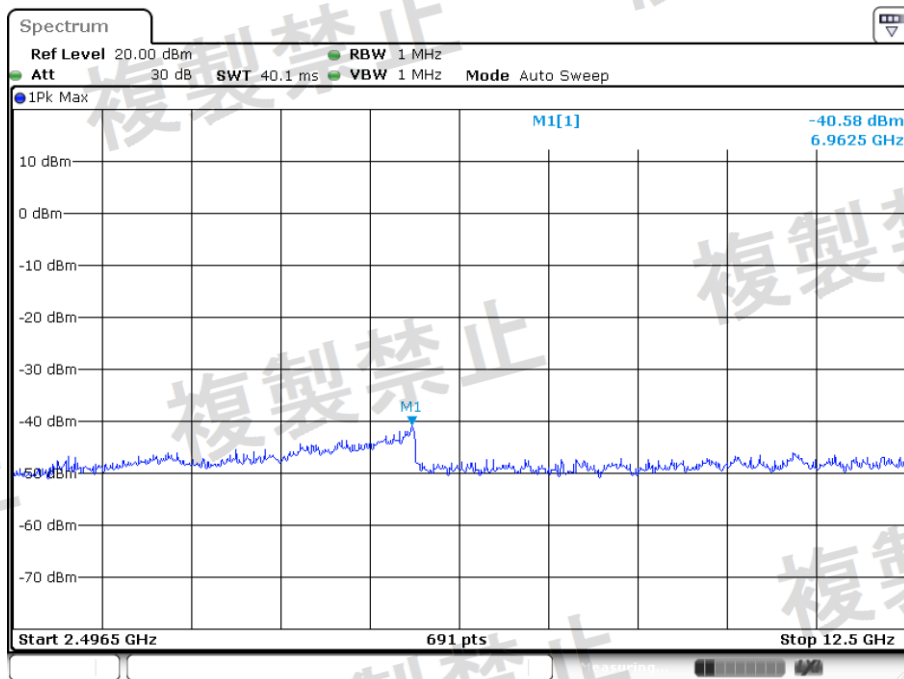
CH Low



ProjectNo.:RXZ260319062 Tester:Jet

Date: 25.MAR.2026 15:52:09

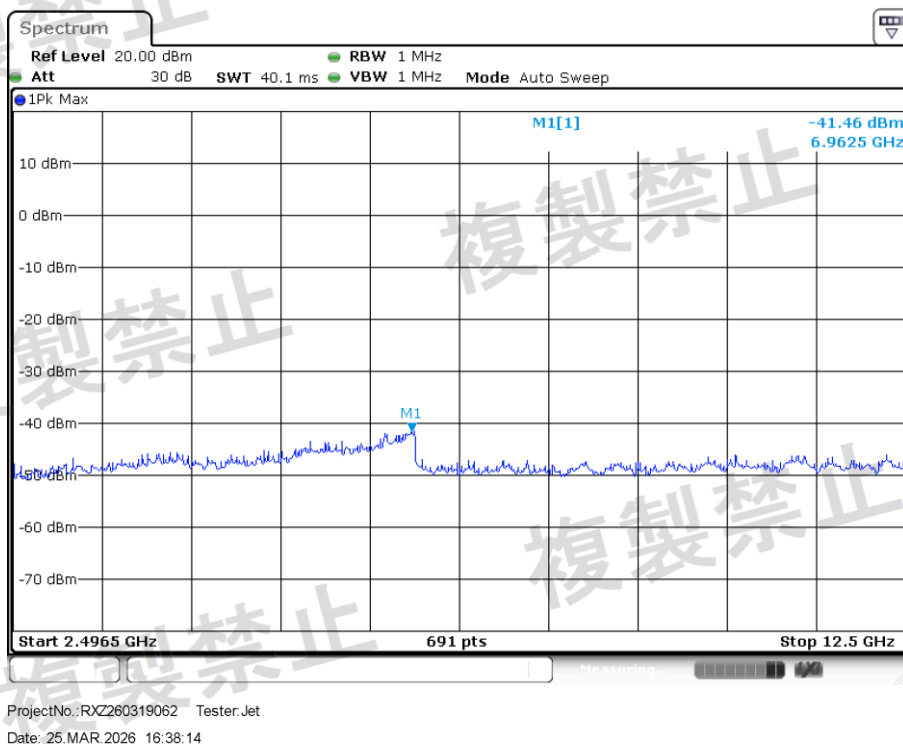
CH Mid



ProjectNo.:RXZ260319062 Tester:Jet

Date: 25.MAR.2026 16:14:41

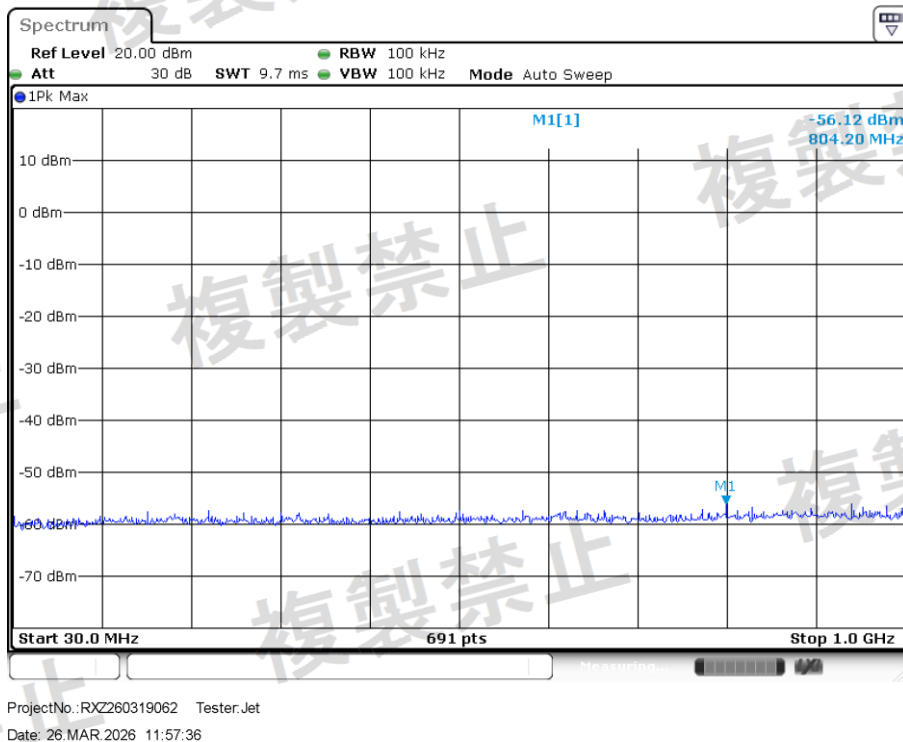
CH High



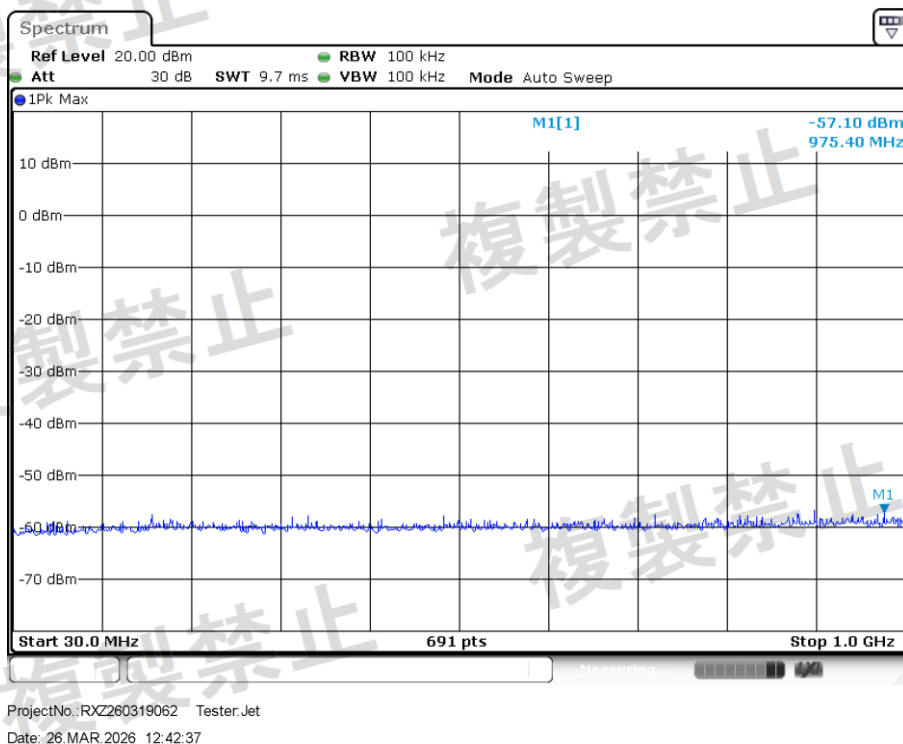
RF 2

30MHz-1000MHz

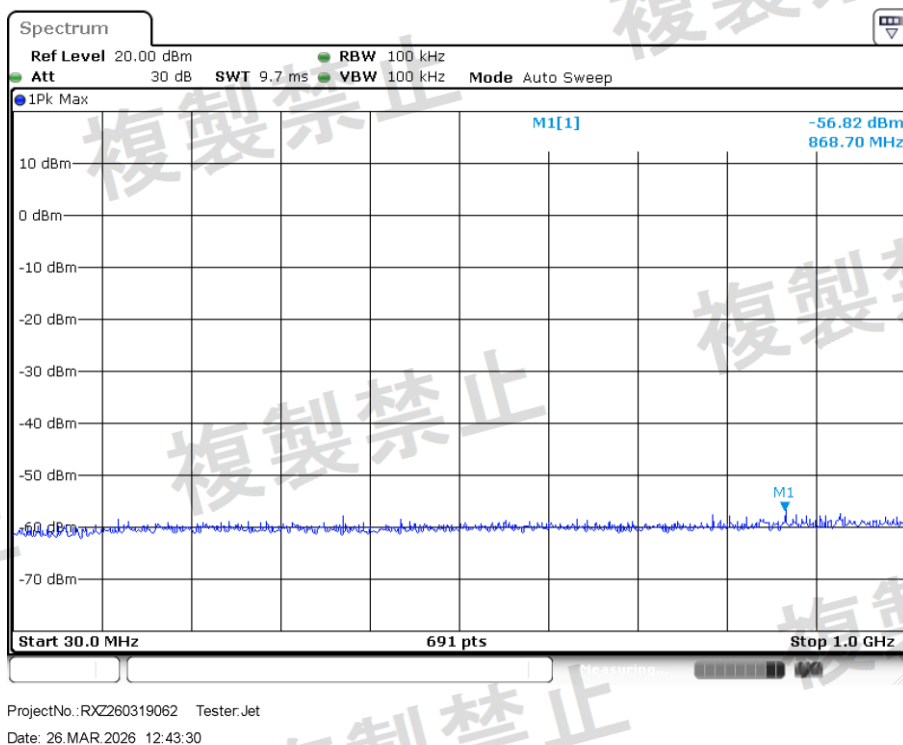
CH Low



CH Mid

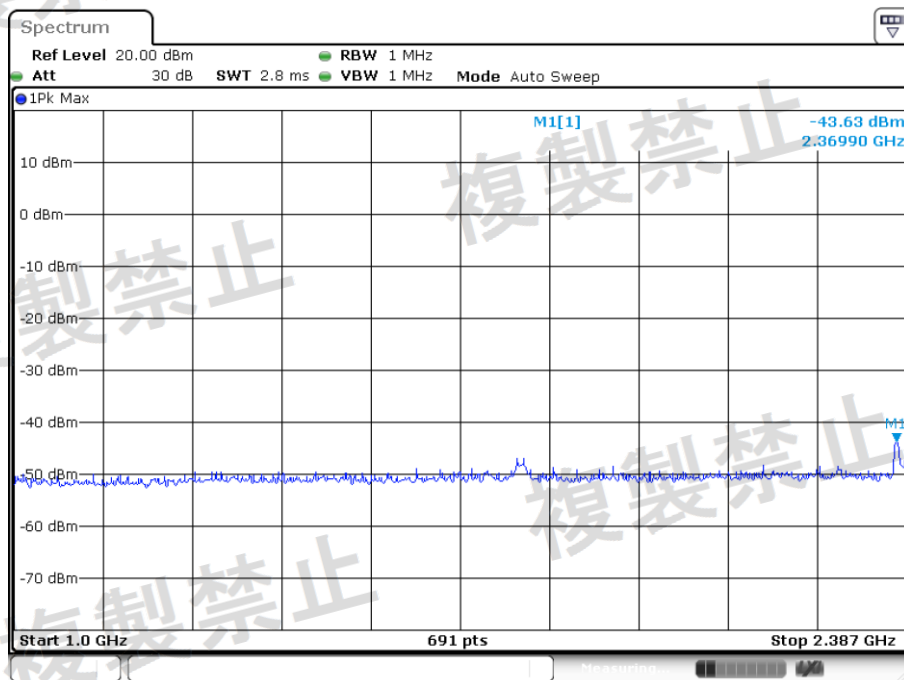


CH High



1000MHz-2387MHz

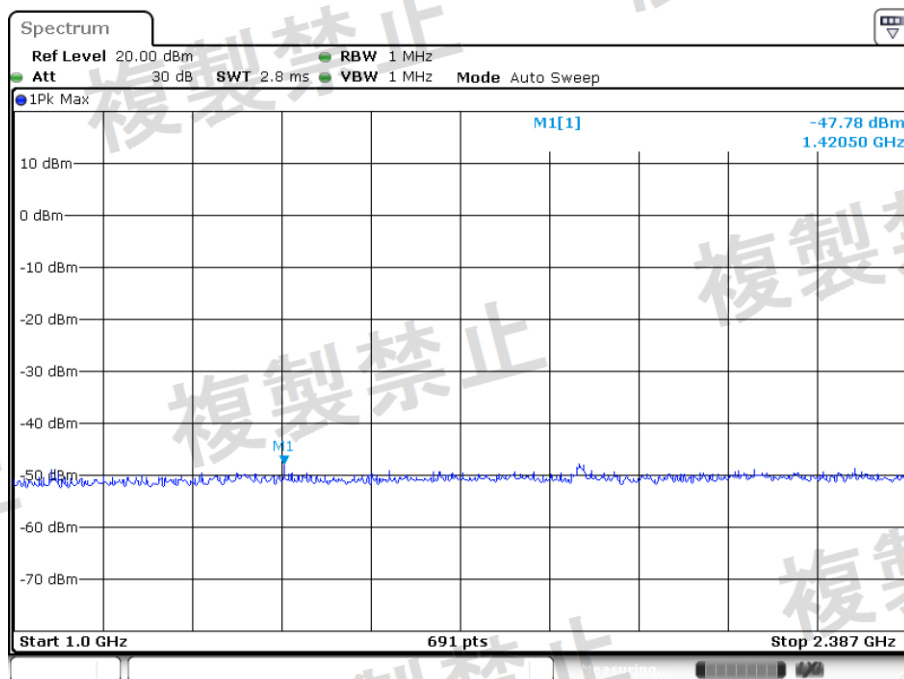
CH Low



ProjectNo.:RXZ260319062 Tester:Jet

Date: 26.MAR.2026 11:59:58

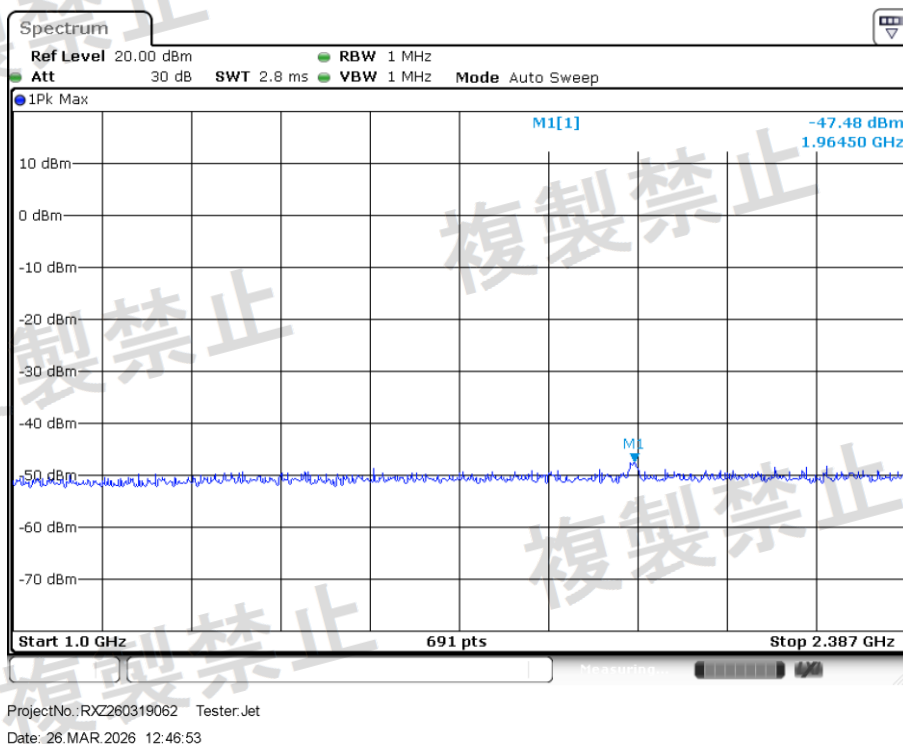
CH Mid



ProjectNo.:RXZ260319062 Tester:Jet

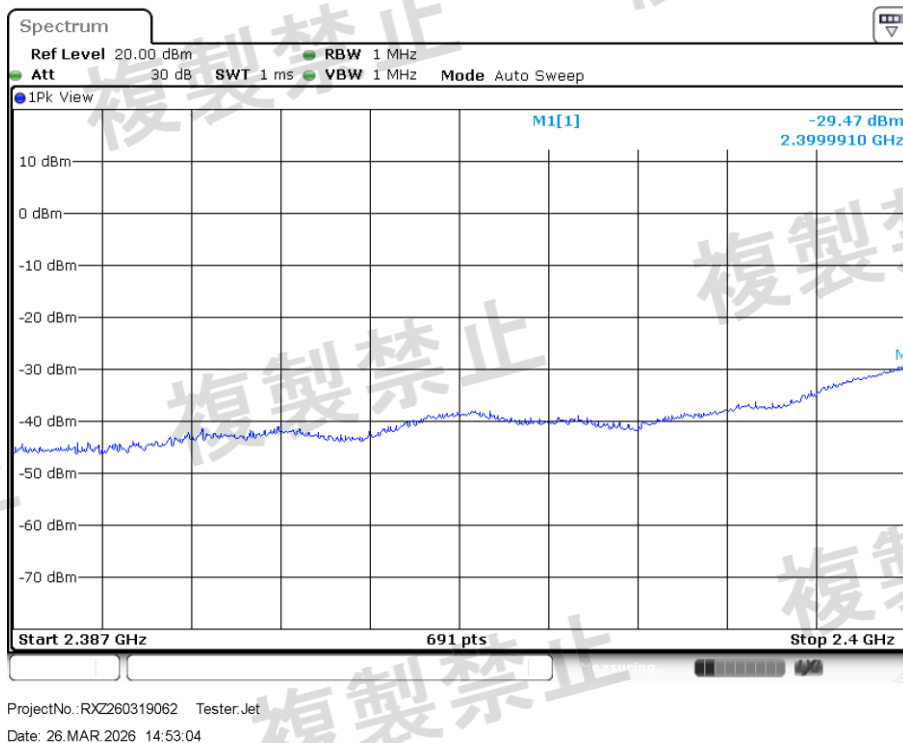
Date: 26.MAR.2026 12:45:44

CH High

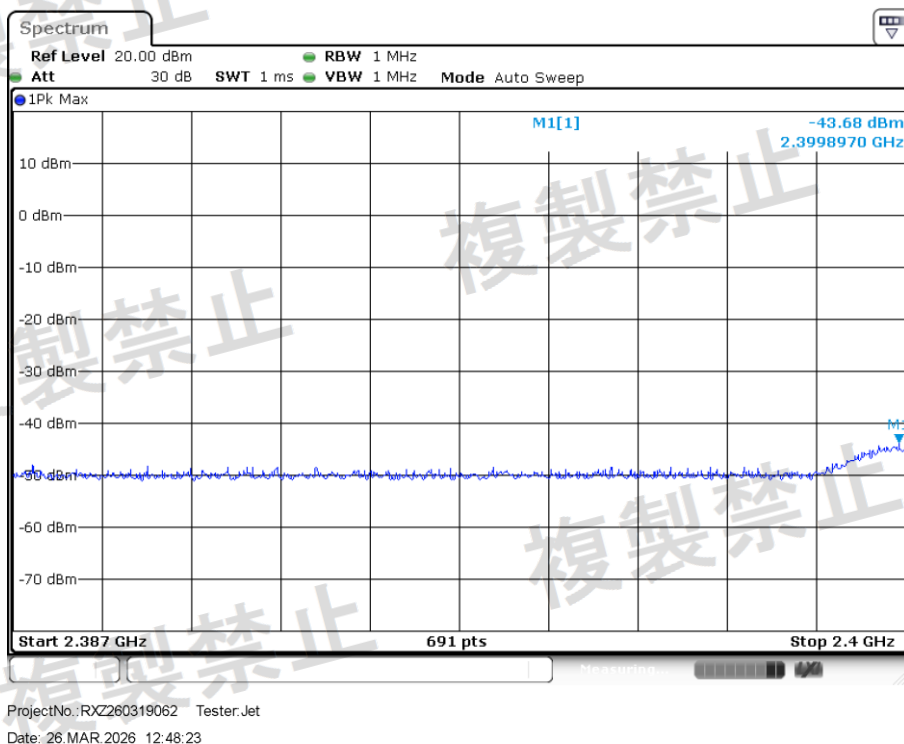


2387MHz-2400MHz

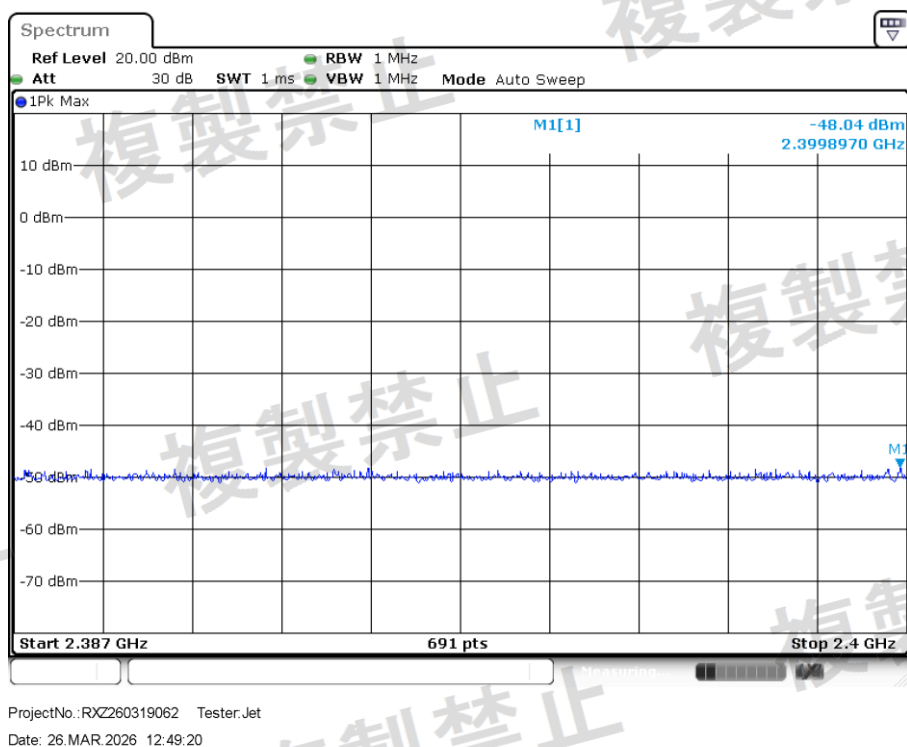
CH Low



CH Mid

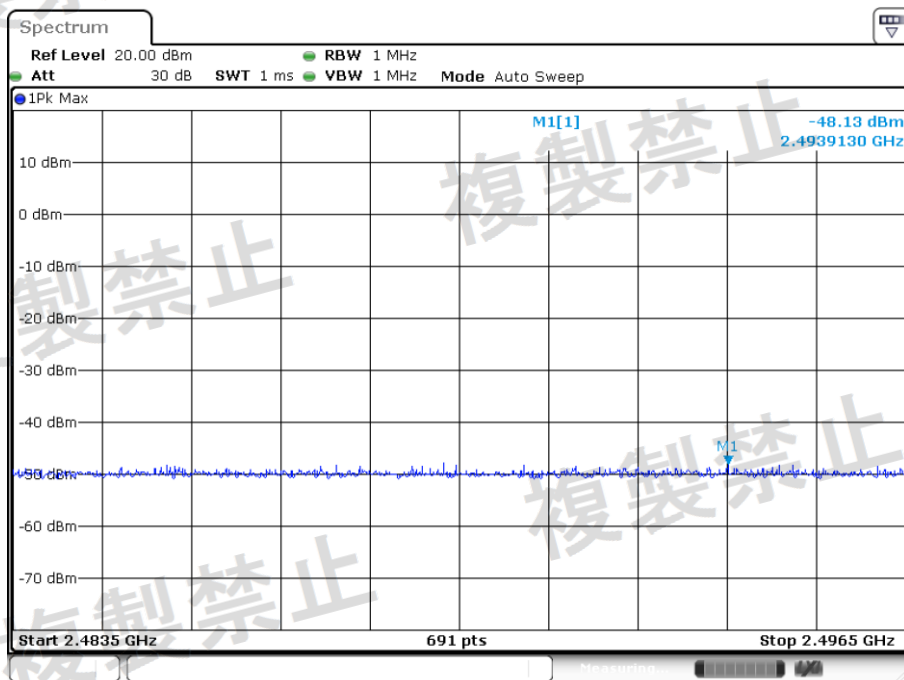


CH High



2483.5MHz-2496.5MHz

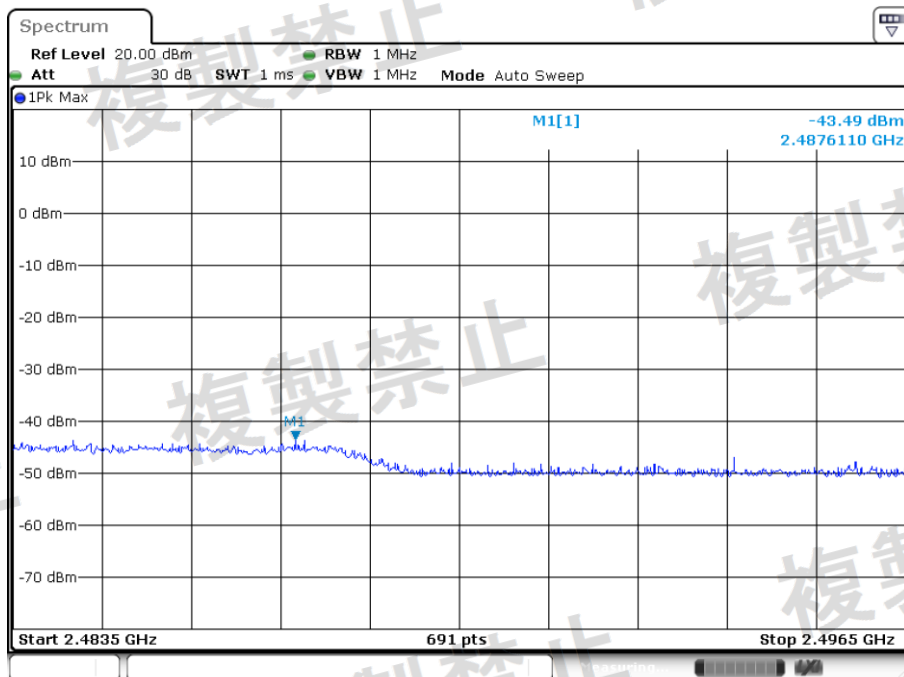
CH Low



ProjectNo.:RXZ260319062 Tester:Jet

Date: 26.MAR.2026 12:03:42

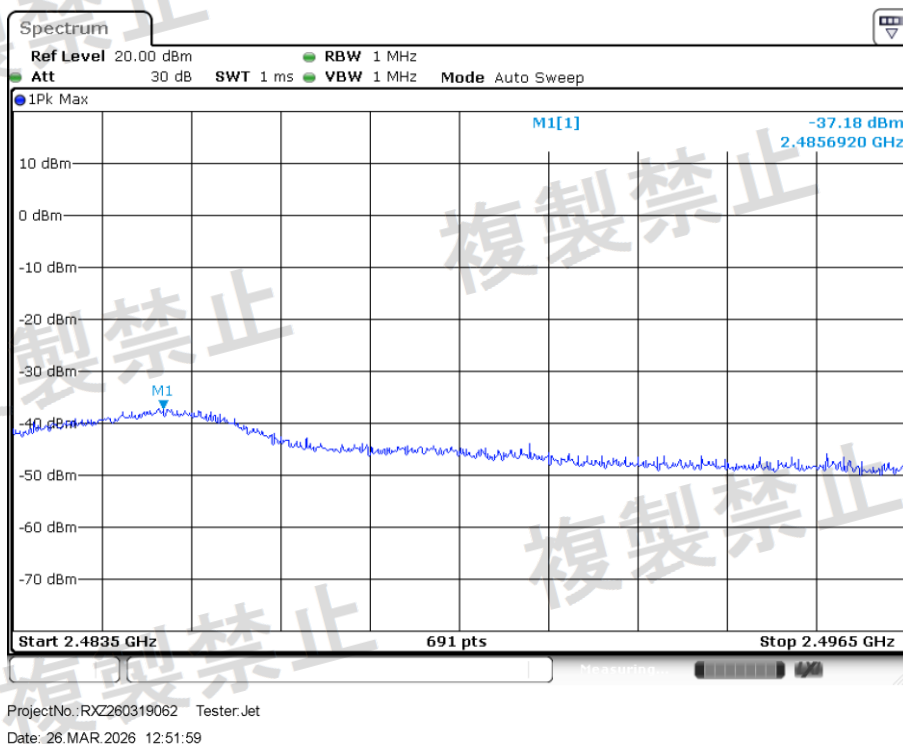
CH Mid



ProjectNo.:RXZ260319062 Tester:Jet

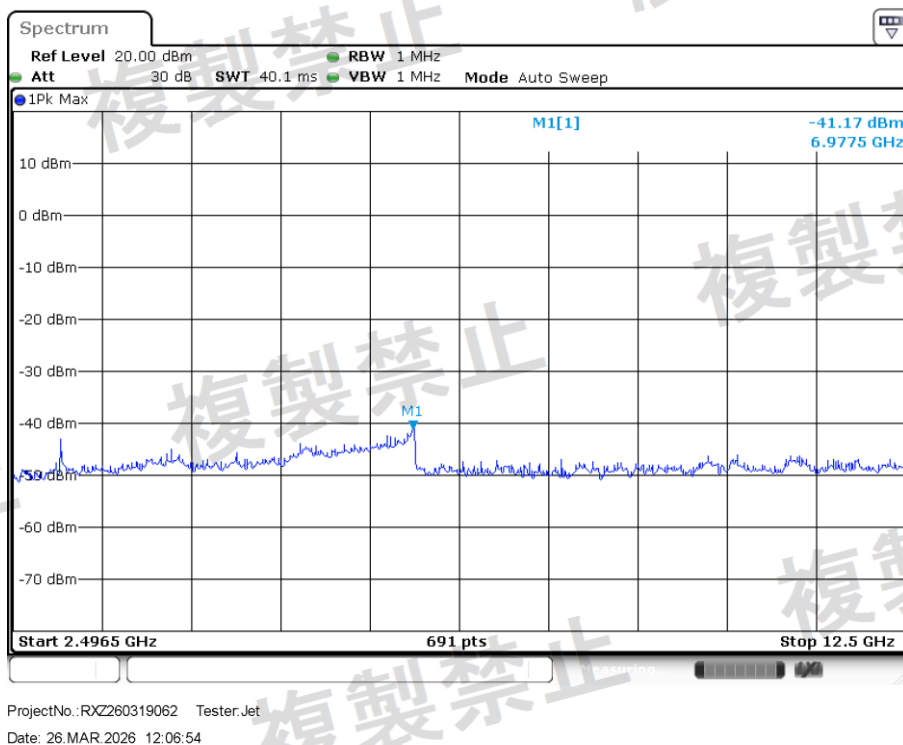
Date: 26.MAR.2026 12:50:38

CH High

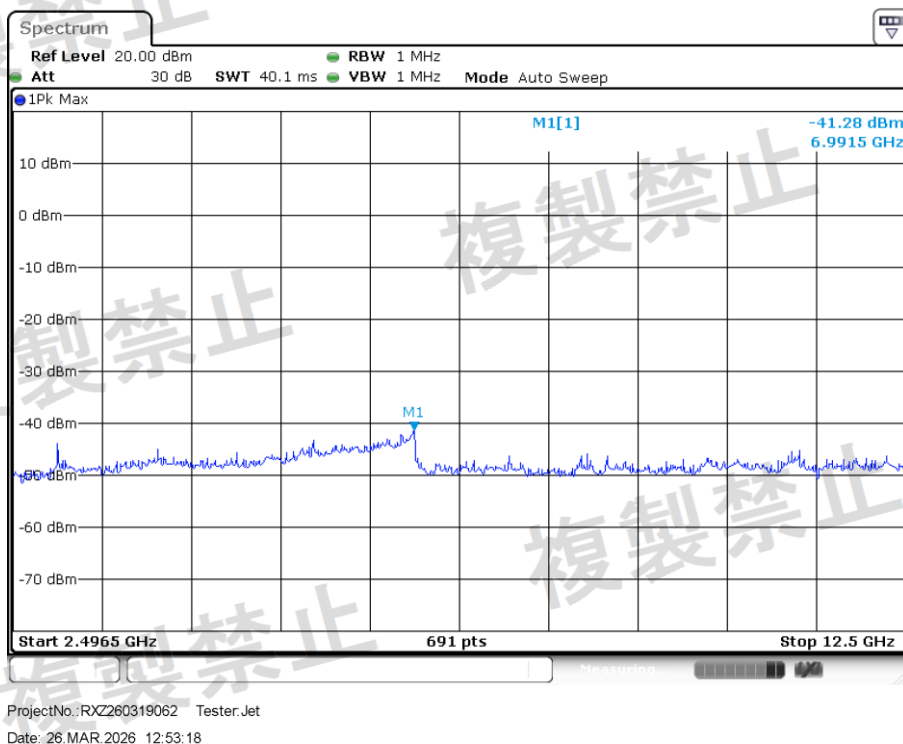


2496.5MHz-12.5GHz

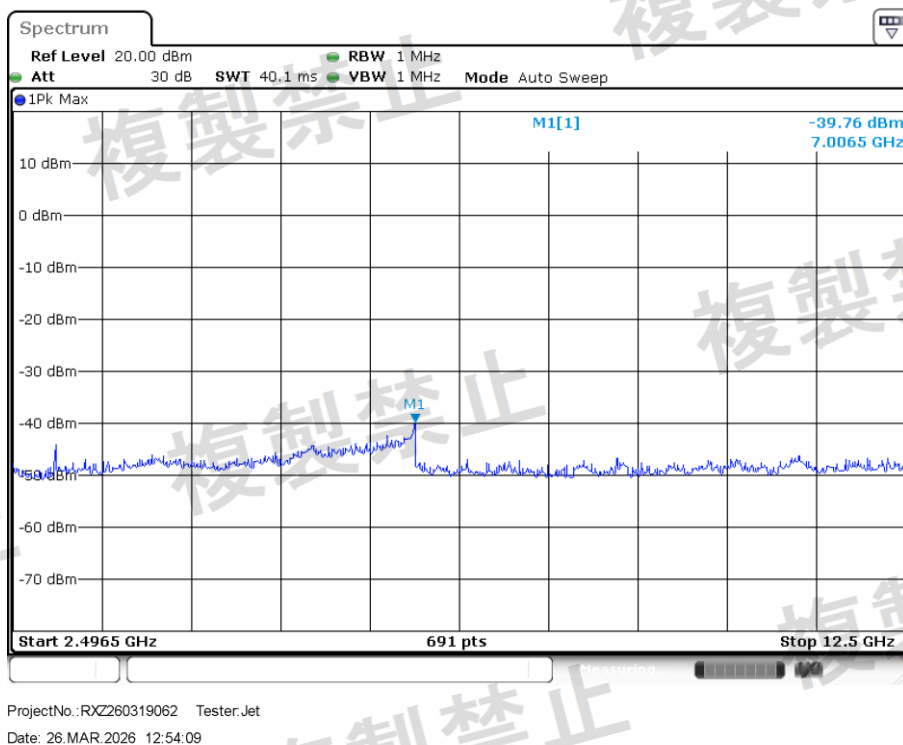
CH Low



CH Mid



CH High



5.4 OCCUPIED BANDWIDTH (99%)

TEST PROCEDURE

Spectrum Analyzer Conditions

Center Frequency: Frequency to measure

- RBW: 300 kHz, VBW: 300 kHz
- Span: (OBW limit * 3) MHz (example; 10MHz)
- Sweep time: Auto ; Sweep mode: Continuous Sweep
- Data points: 400 points or more
- Reference level: Enough level for maximum dynamic range
- Detection: Positive Peak
- Trace mode: Max hold
- EUT have transmitted the maximum modulation signal and fixed channelize. SA set to 99% of occupied bandwidth to measure occupied bandwidth.

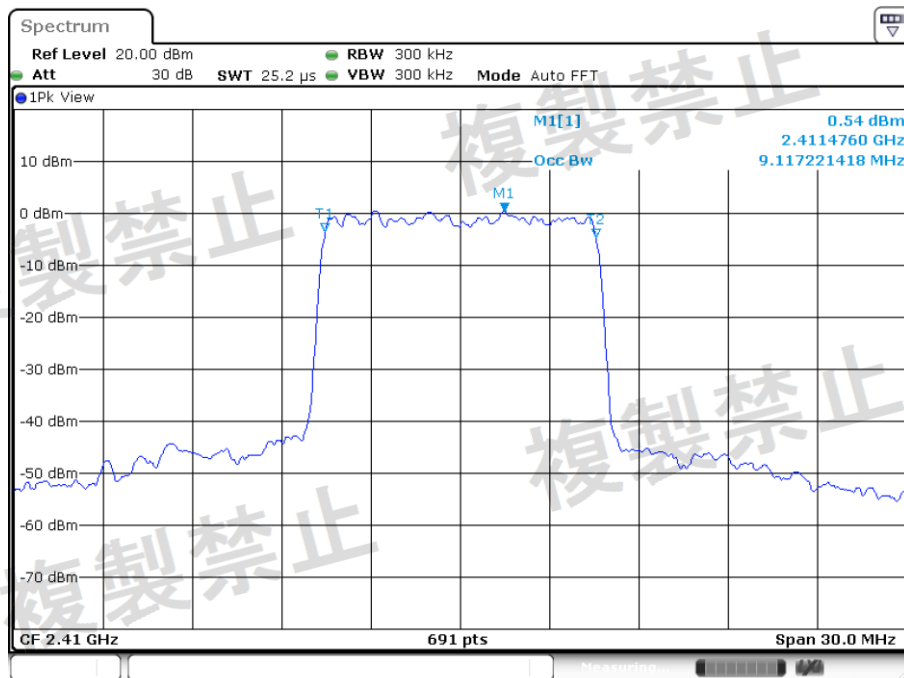
TEST RESULT

RF 1

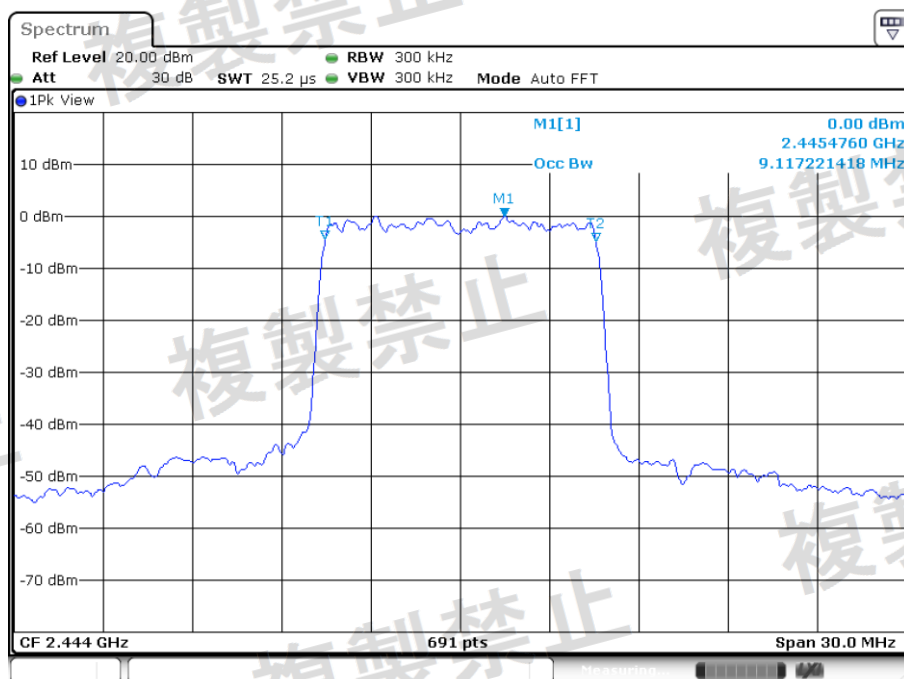
Frequency	2410MHz	2444MHz	2470MHz	Limit
Occupied Bandwidth (MHz)	9.12	9.12	9.12	≤26

RF 2

Frequency	2410MHz	2444MHz	2470MHz	Limit
Occupied Bandwidth (MHz)	9.12	9.16	9.16	≤26

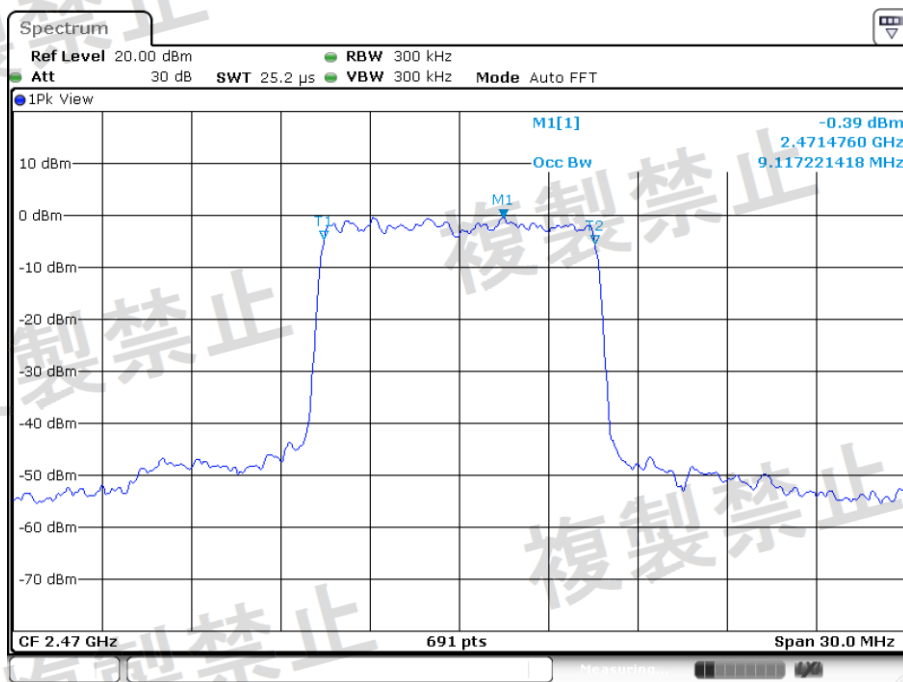
TEST PLOTS**RF 1****CH Low**

ProjectNo.:RXZ260319062 Tester:Jet
Date: 27.MAR.2026 11:04:42

CH Mid

ProjectNo.:RXZ260319062 Tester:Jet
Date: 27.MAR.2026 11:14:57

CH High

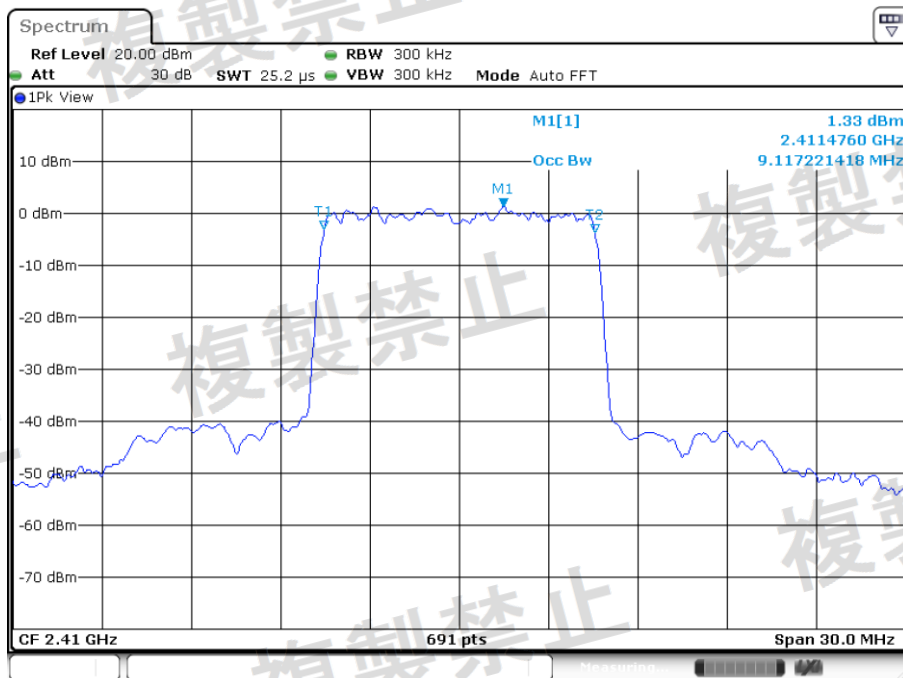


ProjectNo.:RXZ260319062 Tester:Jet

Date: 27. MAR 2026 11:17:46

RF 2

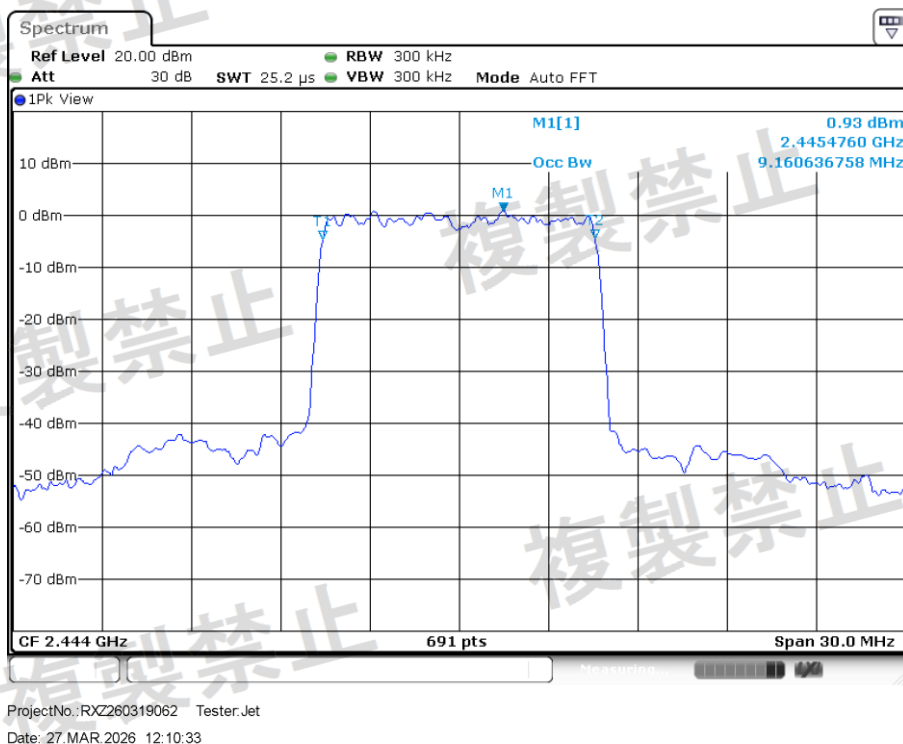
CH Low



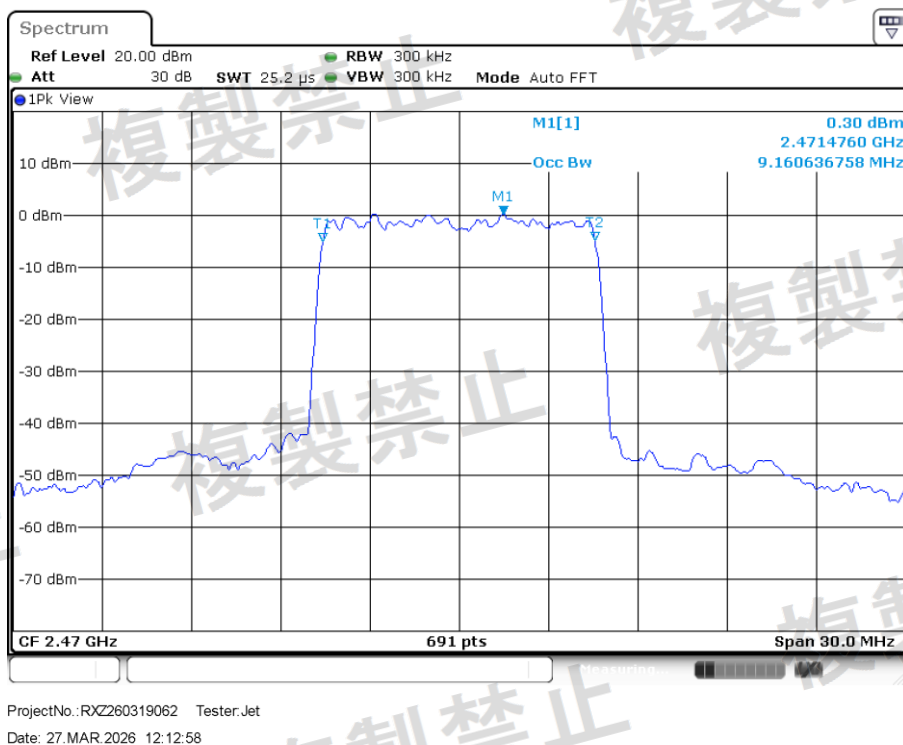
ProjectNo.:RXZ260319062 Tester:Jet

Date: 27. MAR 2026 12:08:29

CH Mid



CH High



5.5 RECEIVER SPURIOUS EMISSION AND UNWANTED EMISSION INTENSITY

TEST PROCEDURE

Spectrum Analyzer Conditions

- Span: Measuring Frequency Range
- RBW: 1MHz (frequency range; 1GHz over), 100kHz (frequency range; 30MHz to 1GHz)
- VBW: Same as RBW (1MHz or 100kHz)
- Sweep time: Auto(Minimum time to ensure measurement accuracy.)
- Data points : 400 points or more
- Reference level: Enough level for maximum dynamic range
- Detection: Positive Peak

TEST RESULT

RF 1

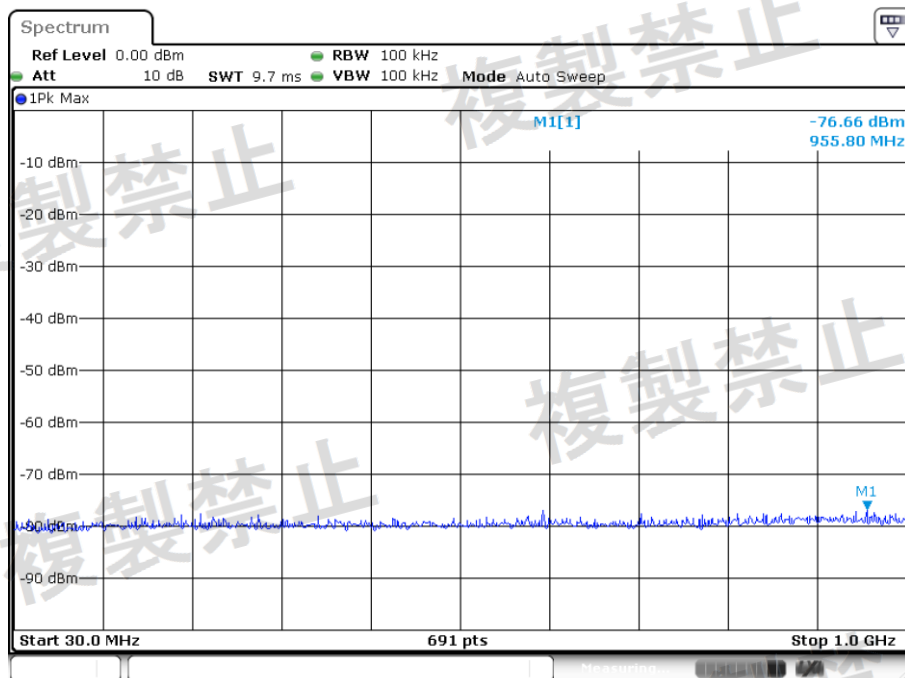
Frequency Band	Frequency (MHz)	Reading (MHz)	Reading (dBm)	Cable Factor (dB)	Result	Limit
(30MHz ~ 1000MHz) (nW)	2410	955.80	-76.66	9.95	0.2133	4
	2444	727.00	-76.98	9.95	0.1982	
	2470	874.40	-77.32	9.95	0.1832	
(1GHz ~ 12.5GHz) (nW)	2410	6983.00	-61.47	9.95	7.0469	20
	2444	7000.00	-60.95	9.95	7.9433	
	2470	6983.00	-60.69	9.95	8.4333	

RF 2

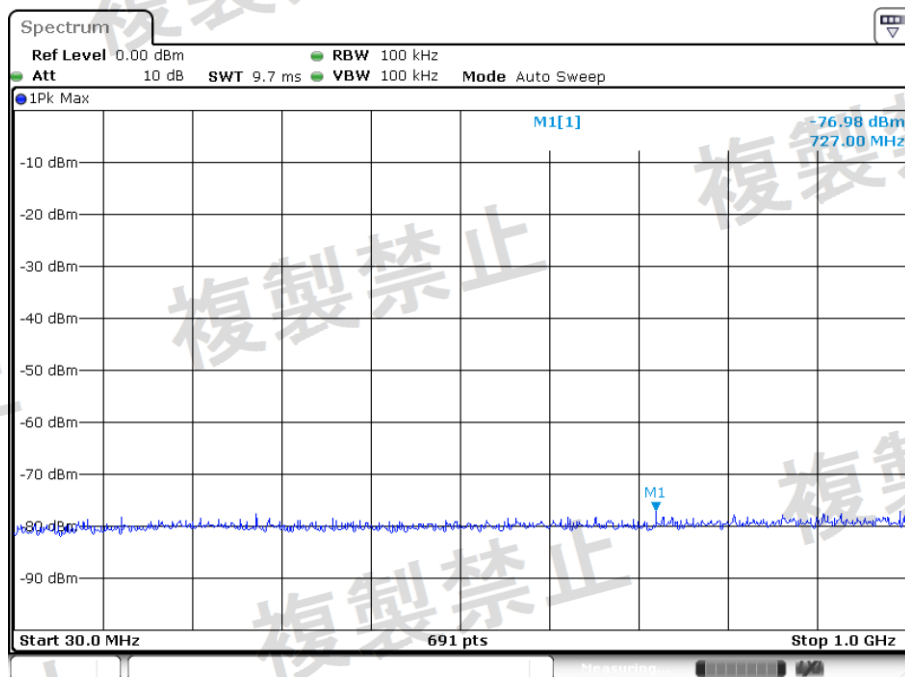
Frequency Band	Frequency (MHz)	Reading (MHz)	Reading (dBm)	Cable Factor (dB)	Result	Limit
(30MHz ~ 1000MHz) (nW)	2410	877.20	-77.71	9.95	0.1675	4
	2444	903.80	-76.81	9.95	0.2061	
	2470	953.00	-77.26	9.95	0.1858	
(1GHz ~ 12.5GHz) (nW)	2410	6966.00	-60.40	9.95	9.0157	20
	2444	6983.00	-61.02	9.95	7.8163	
	2470	6883.00	-60.25	9.95	9.3325	

Note:

$$\text{Result} = 10^{[(\text{Reading(dBm)} + \text{Cable Factor})/10] * 1000000}$$

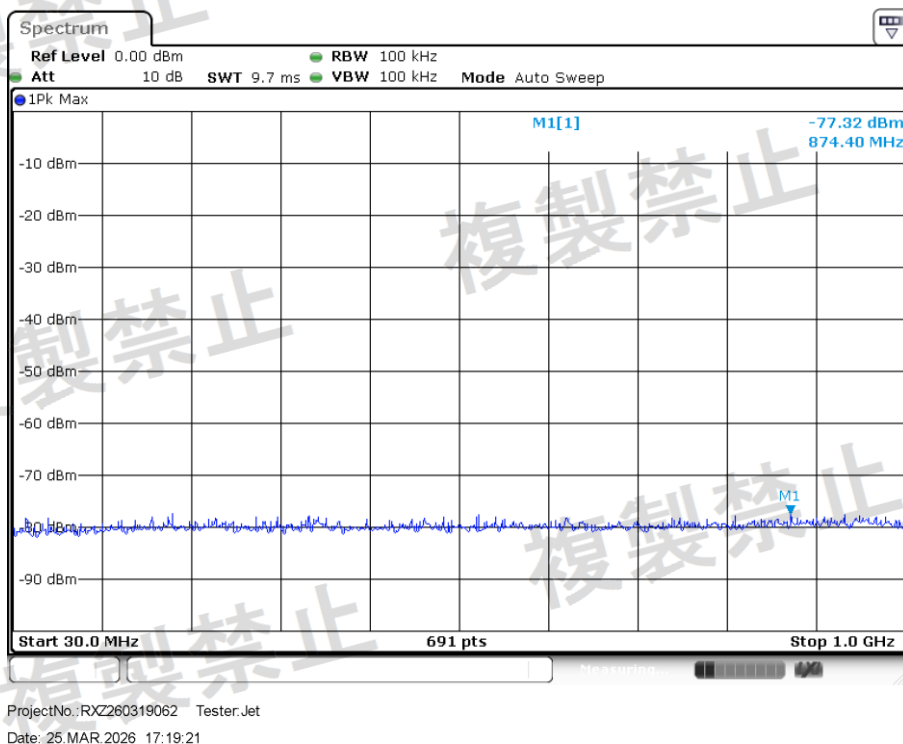
TEST PLOTS**RF 1****30MHz-1000MHz****CH Low**

ProjectNo.:RXZ260319062 Tester:Jet
Date: 25.MAR.2026 17:13:40

CH Mid

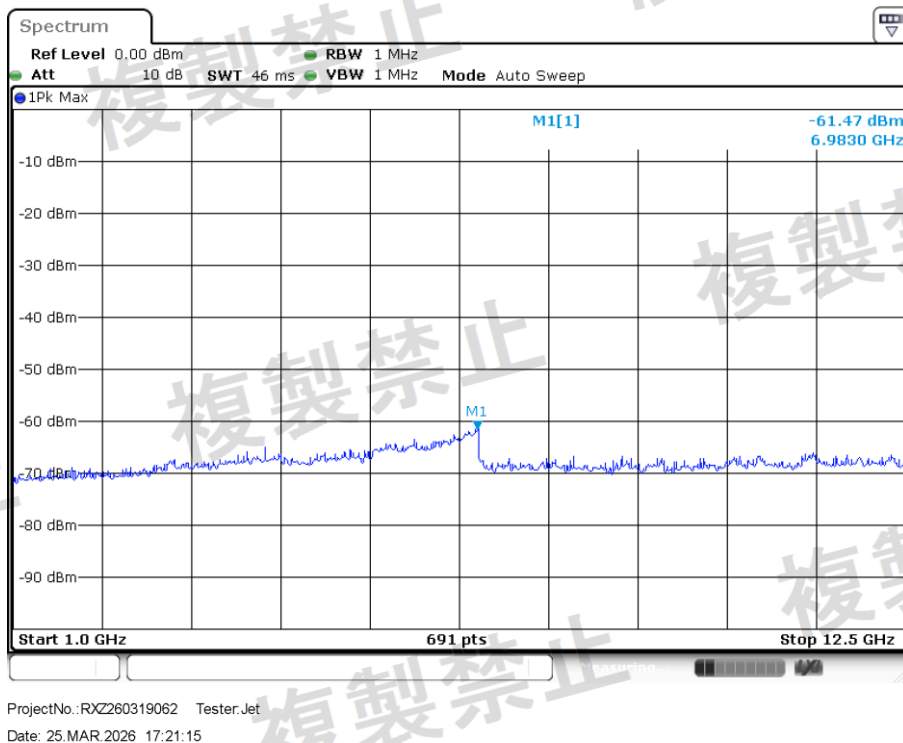
ProjectNo.:RXZ260319062 Tester:Jet
Date: 25.MAR.2026 17:17:25

CH High

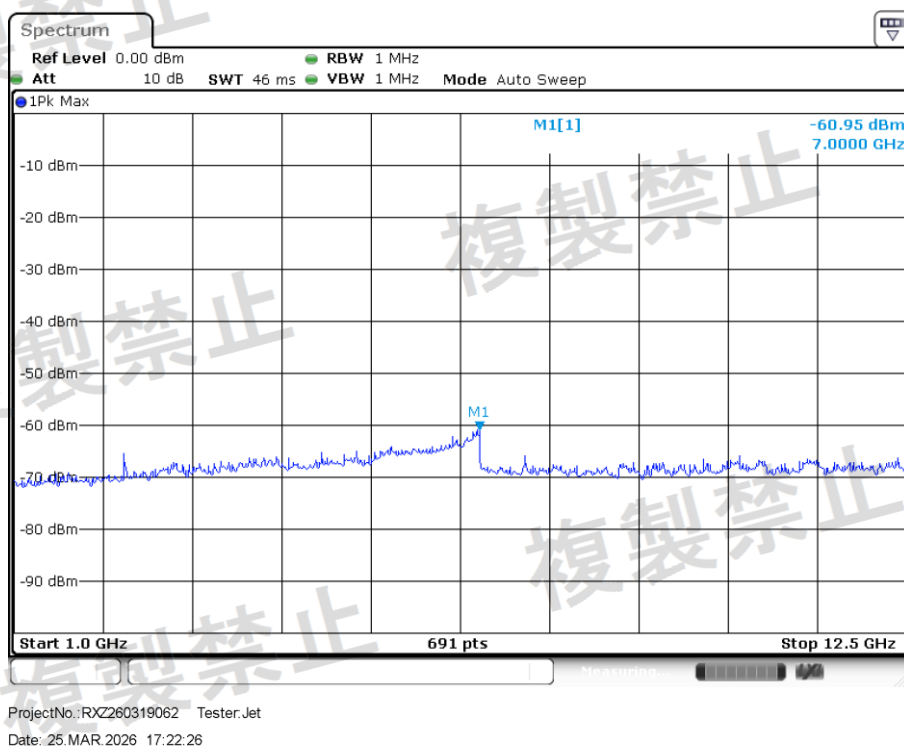


1GHz-12.5GHz

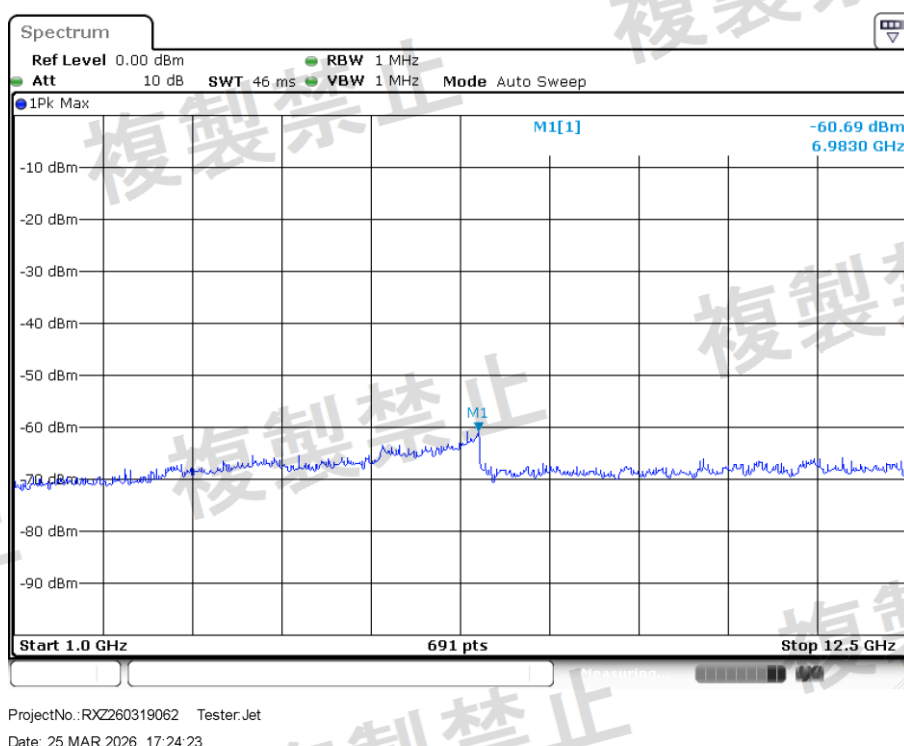
CH Low



CH Mid



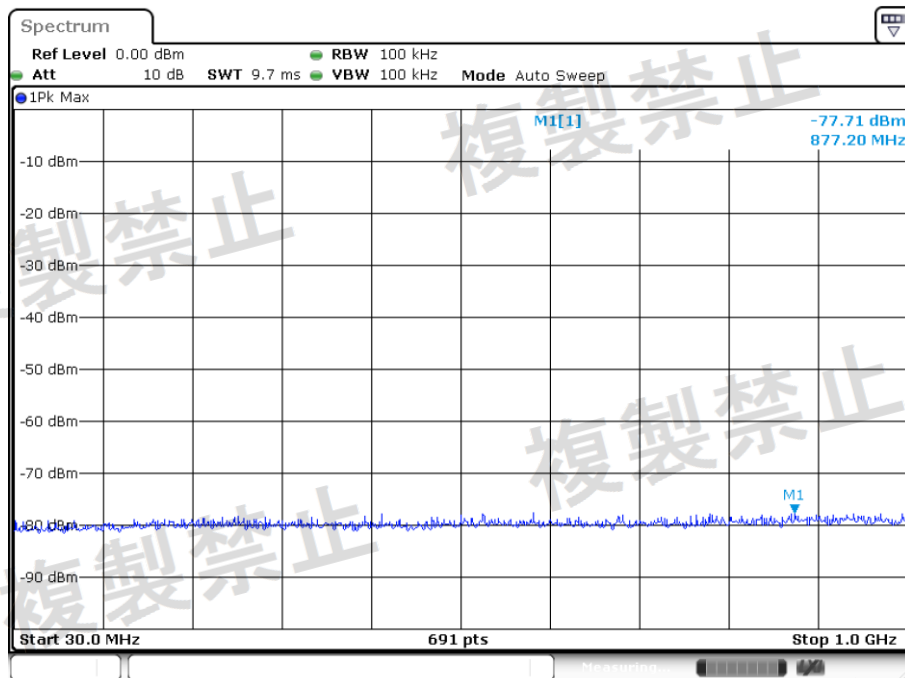
CH High



RF 2

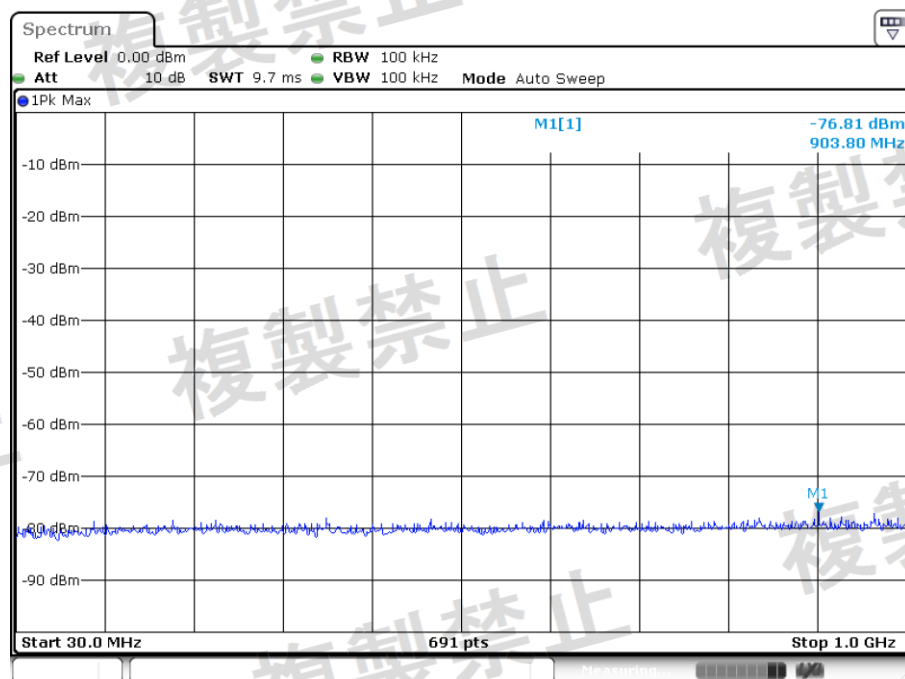
30MHz-1000MHz

CH Low



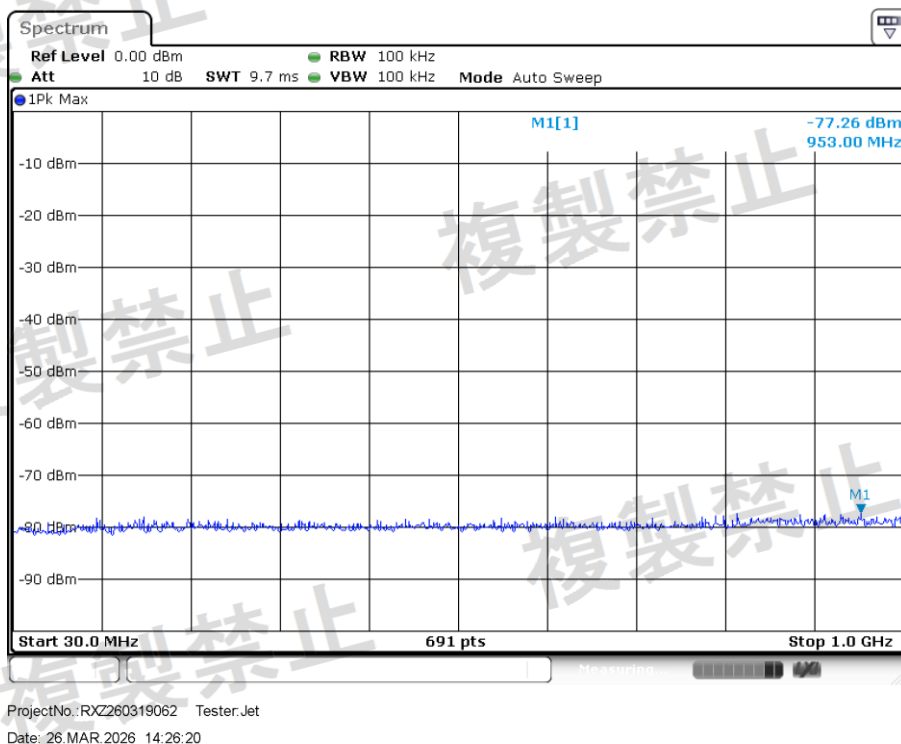
ProjectNo.: RXZ260319062 Tester: Jet
Date: 26.MAR.2026 14:23:10

CH Mid



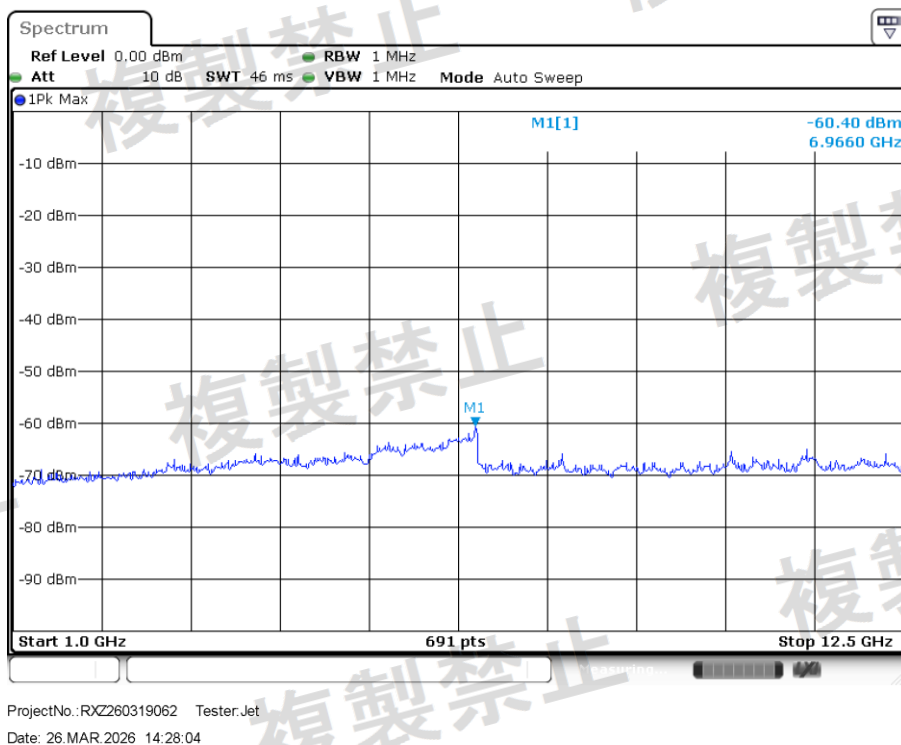
ProjectNo.: RXZ260319062 Tester: Jet
Date: 26.MAR.2026 14:25:47

CH High

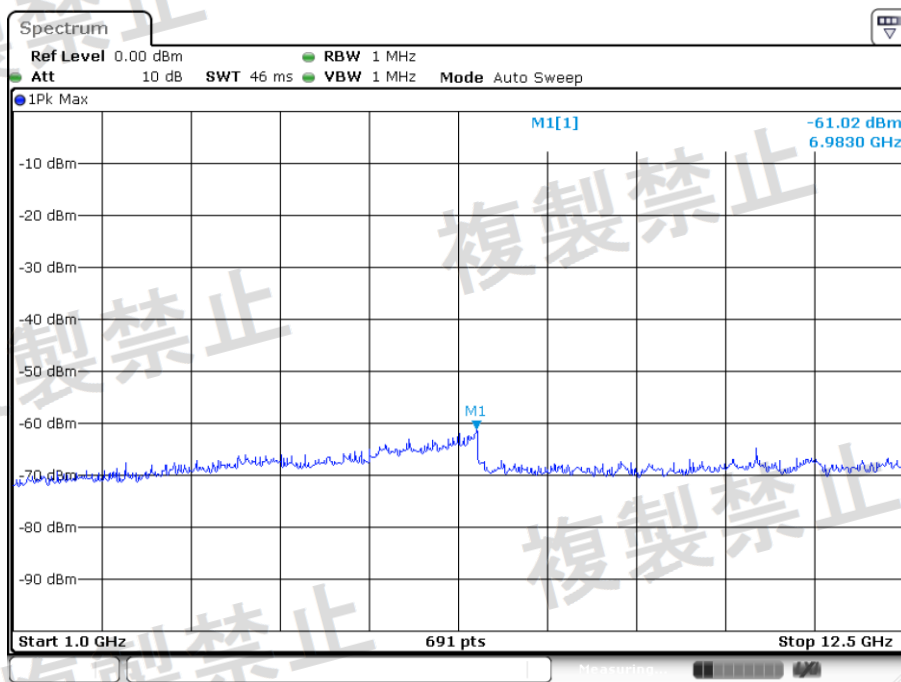


1GHz-12.5GHz

CH Low



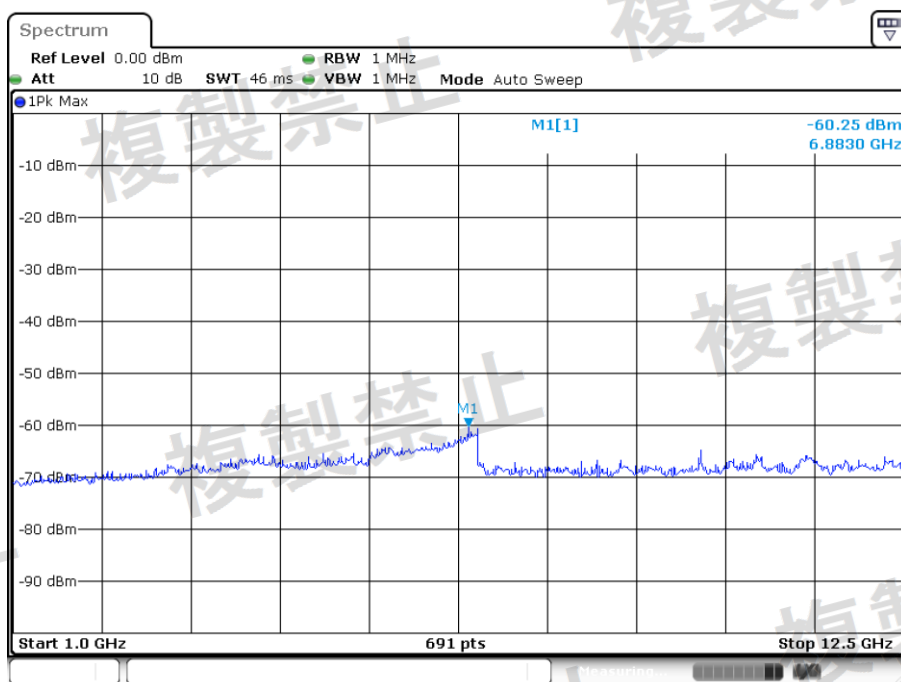
CH Mid



ProjectNo.:RXZ260319062 Tester:Jet

Date: 26.MAR.2026 14:29:11

CH High



ProjectNo.:RXZ260319062 Tester:Jet

Date: 26.MAR.2026 14:30:29

5.6 INTERFERENCE PREVENTION FUNCTION

TEST PROCEDURE

In the case that the EUT has the function of automatically transmitting the identification code:

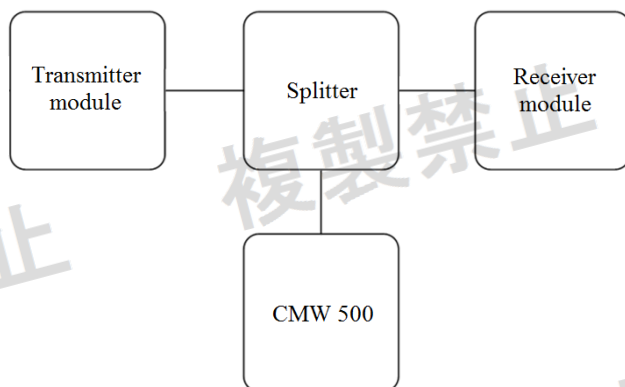
1. Transmit the predetermined identification codes from EUT
2. Check the transmitted identification codes with the demodulator.

In the case of receiving the identification codes:

1. Transmit the predetermined identification codes from the counterpart.
2. Check if communication is normal
3. Transmit the signal other than predetermined ID codes from the counterpart.
4. Check if the EUT stops the transmission, or if it displays that identification codes are different from the predetermined ones.

The EUT shall have the interference prevention capability to transmit or to receive the identification automatically, so that sender and receiver shall exclude other equipment.

Test Block



TEST RESULT

	Normal Voltage
Result	OK

***** END OF REPORT *****