

TEST REPORT

Applicant Name: Shenzhen Jiayz photo industrial ., Ltd
Address: A16 Building, Intelligent Terminal Industrial Park of Silicon Valley Power, Guanlan, Longhua District, Shenzhen, China
Report Number: 2601P34810E-RF-07B

Test Standard (s)

Item 19 of Article 2 Paragraph 1

Sample Description

Product Type: Intercom System Master Console
Model No.: WiTalk BASE
Multiple Model(s) No.: WiTalk9 BASE, WiTalk BASE-V, WiTalk BASE-G, WiTalk BASE-G16, WiTalk BASE-V16
Trade Mark: Saramonic
Date Received: 2026-01-19
Issue Date: 2026-04-03

Test Result:	Pass▲
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▲ In the configuration tested, the EUT complied with the standards above.

Prepared and Checked By:

Ekko Wu

Ekko Wu
RF Engineer

Approved By:

Nancy Wang

Nancy Wang
RF Supervisor

Note: The information marked * is provided by the applicant, the laboratory is not responsible for its authenticity and this information can affect the validity of the result in the test report. Customer model name, addresses, names, trademarks etc. are included.

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Bay Area Compliance Laboratories Corp. (Shenzhen)

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TABLE OF CONTENTS

DOCUMENT REVISION HISTORY	3
GENERAL INFORMATION	4
PRODUCT DESCRIPTION FOR EQUIPMENT UNDER TEST (EUT).....	4
OBJECTIVE	4
TEST METHOD.....	4
MEASUREMENT UNCERTAINTY	5
TEST FACILITY	5
EUT TEST CONFIGURATION	6
SUMMARY OF TEST RESULTS	8
TEST EQUIPMENT LIST	9
REQUIREMENTS AND TEST PROCEDURES	10
FREQUENCY ERROR	10
OCCUPIED BANDWIDTH	11
TRANSMITTER SPURIOUS EMISSION STRENGTH AND UNWANTED EMISSION INTENSITY	12
ANTENNA OUTPUT POWER AND ANTENNA POWER TOLERANCE	13
RECEIVER SPURIOUS EMISSION AND UNWANTED EMISSION INTENSITY	14
INTERFERENCE PREVENTION FUNCTION	15
TEST DATA AND RESULTS	16
FREQUENCY ERROR	16
OCCUPIED BANDWIDTH	18
TRANSMITTER SPURIOUS EMISSION AND UNWANTED EMISSION INTENSITY	21
ANTENNA OUTPUT POWER AND OUTPUT POWER TOLERANCE	28
RECEIVER SPURIOUS EMISSION AND UNWANTED EMISSION INTENSITY	30
INTERFERENCE PREVENTION FUNCTION	34
CONSTRUCTION PROTECTION CONFIRMATION	35
EUT PHOTOGRAPHS	36
TEST SETUP PHOTOGRAPHS	37

DOCUMENT REVISION HISTORY

Revision Number	Report Number	Description of Revision	Date of Revision
0	2601P34810E-RF-07B	Original Report	2026-04-03

GENERAL INFORMATION

Product Description for Equipment under Test (EUT)

Product		Intercom System Master Console
Tested Model		WiTalk BASE
Multiple Model(s)		WiTalk9 BASE, WiTalk BASE-V, WiTalk BASE-G, WiTalk BASE-G16, WiTalk BASE-V16
Radio Type		BLE
Technical Parameters	Modulation Type	GFSK
	Frequency Range	2402-2480MHz
	Rated Output Power	0.50mW for BLE 1M/2M
	Antenna Gain[#]	-0.21dBi (It is provided by the applicant)
Nominal Power Supply		DC 12V from adapter or DC 11-30V from battery
Sample serial number		3GA6-2 (Assigned by BACL, Shenzhen)
Sample/EUT Status		Good condition
Adapter Information		Model: KA4801A-1204000DE Input: 100-240V~50/60Hz 1.2A Max Output: 12.0V=4.0A 48.0W
Note: The Multiple models are electrically identical with the test model except for model name and sales channels. Please refer to the declaration letter [#] for more detail, which was provided by manufacturer.		

Objective

The objective of the manufacturer is to demonstrate compliance with Certification Ordinance Article 2-1-19, rules and limits for this device including:

- Frequency Error
- Occupied Bandwidth
- Transmitter Spurious Emission and Unwanted Emission Intensity
- Antenna Output Power And Output Power Tolerance
- Receiver Spurious Emission Strength
- Interference Prevention Function
- Construction Protection Confirmation

Test Method

MIC Notice No.88 of Jan. 26, 2004, Appendix No.43 (Latest version: MIC Notice No.373 of Nov. 8, 2023)

Measurement Uncertainty

Item	Expanded Measurement uncertainty
Frequency error	81.235Hz(k=1.96, 95% level of confidence)
Occupied Channel Bandwidth	52.29kHz(k=1.96, 95% level of confidence)
RF output power, conducted	1.57dB(k=1.96, 95% level of confidence)
Unwanted Emission, conducted	2.48dB(k=1.96, 95% level of confidence)
Duty Cycle	±1%
Temperature	±0.4°C
Supply voltages	DC±0.4%;AC±1%
Humidity	±2%

Note: The extended uncertainty given in this report is obtained by combining the standard uncertainty times the coverage factor K with the 95% confidence interval. Otherwise required by the applicant or Product Regulations, Decision Rule in this report did not consider the uncertainty.

Test Facility

The Test site used by Bay Area Compliance Laboratories Corp. (Shenzhen) to collect test data is located on the 5F(B-West), 6F, 7F, the 3rd Phase of Wan Li Industrial Building D, Shihua Rd, FuTian Free Trade Zone, Shenzhen, China.

Each test item follows test standards and with no deviation.

EUT TEST CONFIGURATION

Description of Test Configuration

The system was configured for testing in a testing mode by some software.

For BLE mode, 40 channels are provided for testing:

Channel	Frequency(MHz)	Channel	Frequency(MHz)
0	2402	20	2442
1	2404	21	2444
...	...	...	...
...	...	...	...
...	...	...	...
18	2438	38	2478
19	2440	39	2480

EUT was tested with channel 0, 19 and 39.

Normal/Extreme Voltage Condition[#]

		Adapter (V _{DC})	Battery (V _{DC})
NV	Normal Voltage	12	12
LV	Low Voltage	7	11
HV	High Voltage	30	30

Note: extreme voltage test conditions were declared by manufacturer.

The EUT work with an adapter or a battery, power deviation of the adapter output is less than 1% when extreme voltage supplied, therefore the test only performed at normal condition (adapter). Details as following:

Voltage Condition	Input (V _{DC})	RF System Voltage (V _{DC})
Adapter		
NV	12	3.3
LV	7	3.3
HV	30	3.3
Battery		
NV	12	3.3
LV	11	3.3
HV	30	3.3

EUT Exercise Software

Exercise Software [#]	BT-Tool		
Power Level [#]			
Mode	Low Channel	Middle Channel	High Channel
BLE 1M	7	7	7
BLE 2M	7	7	7

Equipment Modifications

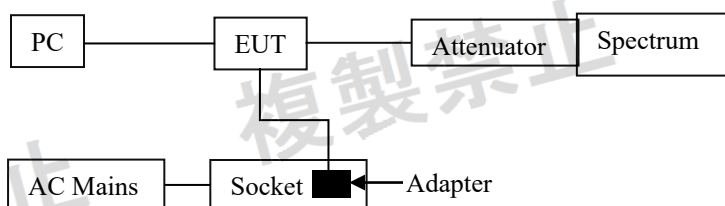
No modification was made to the EUT tested.

Support Equipment List and Details

Manufacturer	Description	Model	Serial Number
DELL	PC	DESKTOP-1630AQ3	Unknown

External I/O Cable

Cable Description	Length(m)	From/Port	To
Un-shielded Detachable USB cable	1.2	EUT	PC
Un-shielded Un-detachable DC cable	1.5	Adapter	EUT
Un-shielded Un-detachable AC cable	1.5	Socket	AC Mains

Configuration of Test Setup

SUMMARY OF TEST RESULTS

MIC Notice No.88 Appendix No.43 Article 2, Paragraph 1, Item 19	Description of Test	Result
1	Frequency Error	Compliant
2	Occupied Bandwidth	Compliant
3	Transmitter Spurious Emission and Unwanted Emission Intensity	Compliant
4	Antenna Output Power and Output Power Tolerance	Compliant
5	Receiver Spurious Emission and Unwanted Emission Intensity	Compliant
6	Transmission Antenna Gain	Not Applicable
7	Carrier sense capability	Not Applicable**
8	Transmission Radiation Angle Width	Not Applicable
9	Frequency Hopping Dwell Time	Not Applicable*
10	Interference Prevention Function	Compliant
11	Construction Protection Confirmation	Compliant

Not Applicable* -Testing is only required for FHSS system devices.

Not Applicable**-The OBW of EUT is less than 26 MHz.

Not Applicable - This test item was not required for the output power less than 12.14 dBm (E.I.R.P)

TEST EQUIPMENT LIST

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date	Calibration Authority	Calibration Method
Rohde & Schwarz	Spectrum Analyzer	FSV40-N	102259	2025/09/01	2026/08/31	CCIC	c)
ANRITSU	Microwave peak power sensor	MA24418 A	12622	2025/09/01	2026/08/31	CCIC	c)
Rohde & Schwarz	Wideband Radio Communication Tester	CMW500	146520	2025/09/18	2026/09/17	CCIC	c)
Unknown	RF Cable	Cable RF1	Cable RF1	2025/09/17	2026/09/16	BACL Cal	c)
Unknown	10dB Attenuator	Unknown	F-03-EM190	2025/06/26	2026/06/25	BACL SZ	d)
Fluke	Digital Multimeter	287	19000011	2025/04/29	2026/04/28	BACL Cal	c)
instek	DC Power Supply	GPS-3030DD	EM832096	NCR	NCR	/	/
JD	JD Auto Test software	NA	1.0.0.3769	NCR	NCR	/	/

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)

*** Statement of Traceability:** Bay Area Compliance Laboratories Corp. (Shenzhen) attests that all calibrations have been performed in accordance to requirements that traceable to National Primary Standards and International System of Units (SI).

REQUIREMENTS AND TEST PROCEDURES

Frequency Error

Limit

50 ppm or below

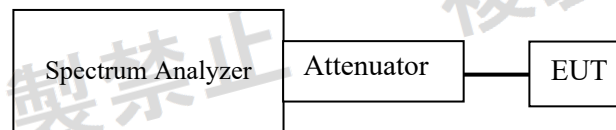
Test Procedure

Set the EUT to the measurement frequency without modulation.
Setting of SA is following as:

- Center Frequency: Frequency to measure
- RBW: 1 kHz, VBW: 3 kHz
- Span: 300 kHz
- 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
- Marker: Spot

Record the peak spot frequency.

If the EUT can't set at un-modulation mode, measure the 10dBc center frequency.



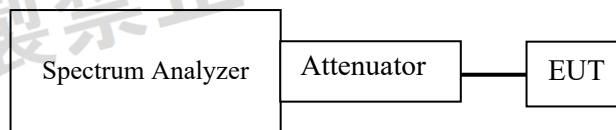
Occupied Bandwidth

Limit

- Occupied bandwidth: FH $\leq$ 83.5 MHz; OFDM, DS $\leq$ 26 MHz; Others $\leq$ 26 MHz

Test Procedure

1. Setting of SA is following as:
 - Center Frequency: Frequency to measure
 - RBW: 30 kHz, VBW: 30 kHz
 - 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: Continuous Sweep
 - Marker: Spot
2. EUT have transmitted the maximum modulation signal and fixed channelize. SA set to 99% of occupied bandwidth to measure occupied bandwidth.



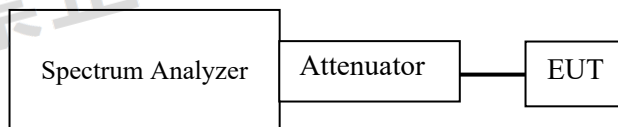
Transmitter Spurious Emission Strength and Unwanted Emission Intensity

Limit

- $f < 2387 \text{ MHz}$, $f > 2496.5 \text{ MHz}$: $\leq 2.5 \mu\text{W/MHz}$
- $2387 \text{ MHz} \leq f \leq 2400 \text{ MHz}$; $2483.5 \text{ MHz} < f \leq 2496.5 \text{ MHz}$: $\leq 25 \mu\text{W/MHz}$

Test Procedure

Measurement System Diagram



Note: The worst cable loss among the test frequency range was added into plots.

Conditions of Application Equipment (EUT)

- The modulation state shall be in continuously transmitting mode.

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

If the measured value is under the technical standard value, do not need to measure more detail.

Note: $2.5 \mu\text{W/MHz} = 0.25 \mu\text{W}/100\text{kHz}$

Antenna Output Power and Antenna Power Tolerance

Limit

Antenna power:

- $\leq 10 \text{ mW/MHz}$ (OFDM, DSSS from 2400-2483.5 MHz)
- $\leq 10 \text{ mW}$ (other from 2400-2483.5 MHz)

Antenna power Tolerance: $\leq +20\%$

E.i.r.p:

- $\leq 12.14 \text{ dBm/MHz}$ (OFDM (20MHz system), DSSS form 2400-2483.5MHz)
- $\leq 9.13 \text{ dBm/MHz}$ (OFDM(40MHz system) from 2400-2483.5MHz)
- $\leq 12.14 \text{ dBm}$ (other from 2400-2483.5MHz)

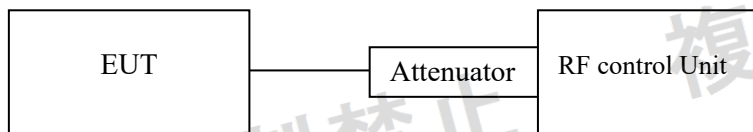
Test Procedure

Step 1: Measure the total power by Power Meter

Step 2: If it's the burst wave, set the power meter to measure averaging across the burst transmit on period.

Step 3: Record the reading on power meter as antenna output power.

Test Setup Block diagram



Note: the power meter was integrated in the RF control Unit.

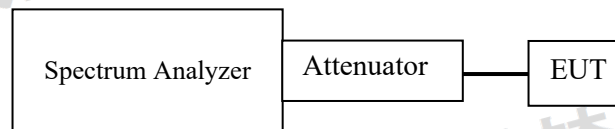
Receiver Spurious Emission and Unwanted Emission Intensity

Limit

- $\leq 4\text{nW}$ ($30\text{ MHz} \leq f \leq 1000\text{ MHz}$)
- $\leq 20\text{ nW}$ ($f \geq 1\text{ GHz}$)

Test Procedure

Measurement System Diagram



Note: The worst cable loss among the test frequency range was added into plots.

Conditions of Application Equipment (EUT)

- The modulation state shall be “continuous receiving mode”.

Spectrum Analyzer Conditions

- Start Frequency: Start Frequency of frequency range to measure (30MHz or 1GHz)
- Stop Frequency: Stop Frequency of frequency range to measure (1GHz or 12.5GHz)
- Span: AUTO (Measurement Range)
- RBW: 100 kHz, VBW: 100 kHz for Frequency < 1 GHz
- RBW: 1MHz, VBW: 1MHz for Frequency > 1 GHz
- Sweep time: AUTO or more
- Sweep mode: Auto Sweep
- Detection: Positive Peak
- Reference Level: Enough level for maximum dynamic range

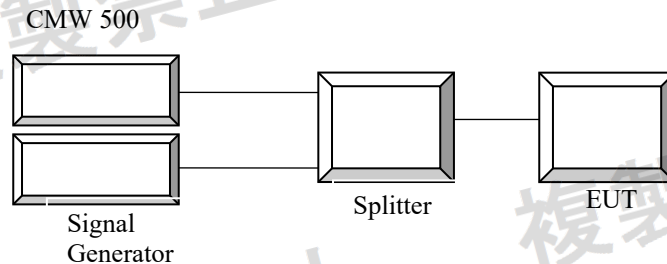
Interference Prevention Function

Requirement

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 Procedure

Measurement System Diagram



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.

TEST DATA AND RESULTS**Frequency Error****Test Information:**

Sample No.:	3GA6-2	Test Date:	2026/03/17
Test Site:	RF	Test Mode:	Transmitting
Tester:	Cheeb Huang	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	25.5	Relative Humidity: (%)	49	ATM Pressure: (kPa)	101
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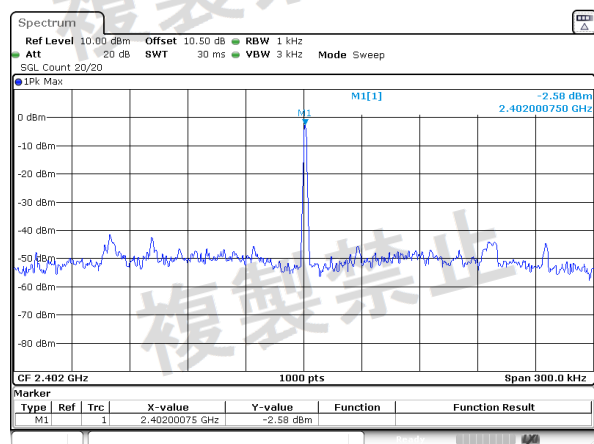
Test Condition: NV

Mode	Frequency (MHz)	Measure Frequency (MHz)	Frequency Tolerance (ppm)	Limit (ppm)	Verdict
Single Carrier	2402	2402.00075	0.31	± 50	Pass
	2440	2440.00075	0.31		Pass
	2480	2480.00075	0.30		Pass

$$\text{Frequency Tolerance} = (\text{Measure Frequency} - \text{Frequency}) / \text{Frequency} * 10^6$$

Test Condition: NV

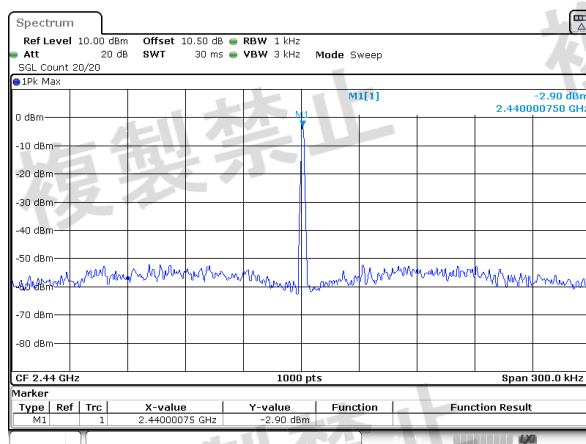
2402MHz



ProjectNo.:2601P34810E-RF Tester:Cheeb Huang

Date: 17.MAR.2026 09:53:29

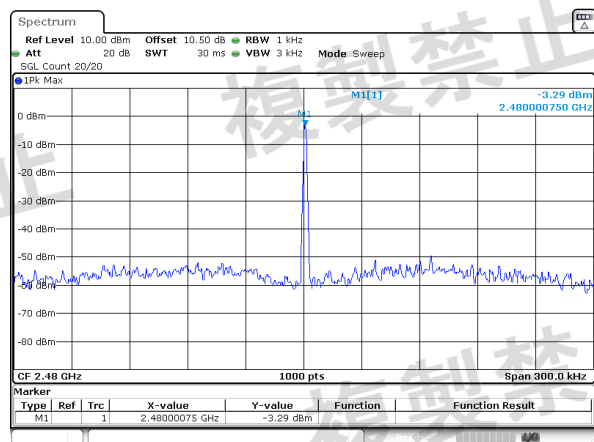
2440MHz



ProjectNo.:2601P34810E-RF Tester:Cheeb Huang

Date: 17.MAR.2026 09:53:44

2480MHz



ProjectNo.:2601P34810E-RF Tester:Cheeb Huang

Date: 17.MAR.2026 09:53:54

Occupied Bandwidth**Test Information:**

Sample No.:	3GA6-2	Test Date:	2026/03/17
Test Site:	RF	Test Mode:	Transmitting
Tester:	Cheeb Huang	Test Result:	Pass

Environmental Conditions:

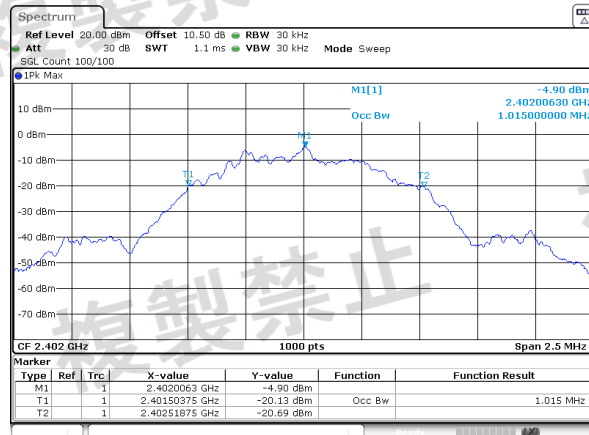
Temperature: (°C)	25.5	Relative Humidity: (%)	49	ATM Pressure: (kPa)	101
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Test Condition: NV

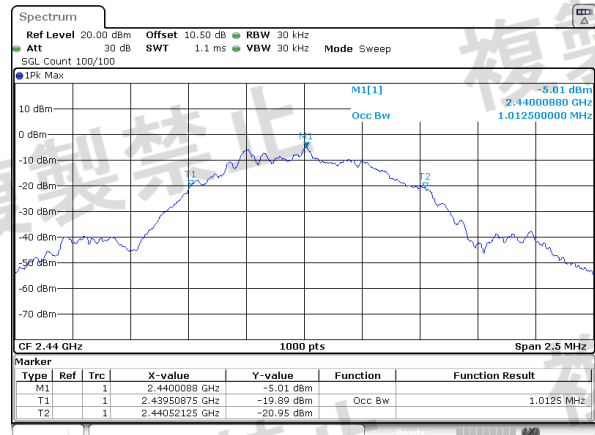
Mode	Occupied bandwidth (MHz)			Limit(MHz)	Verdict
	Low Channel	Middle Channel	High Channel		
BLE 1M	1.015	1.013	1.015	≤ 26	Pass
BLE 2M	1.970	1.965	2.000		Pass

Test Condition: NV

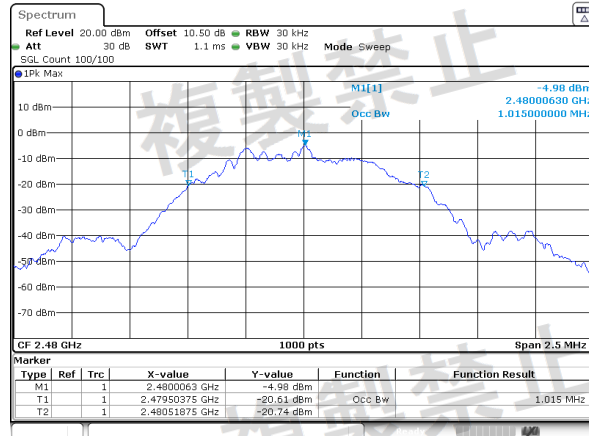
BLE 1M_Low Channel



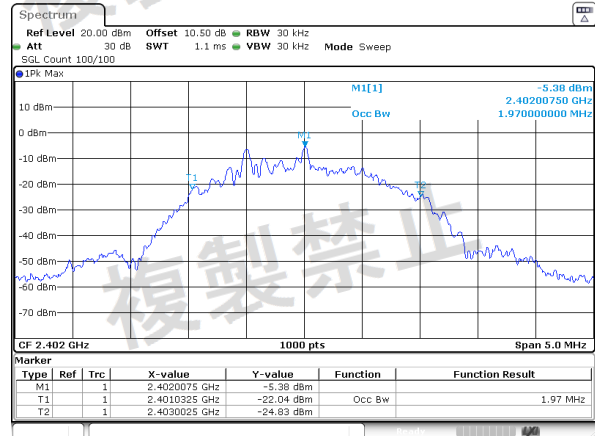
BLE 1M_Middle Channel



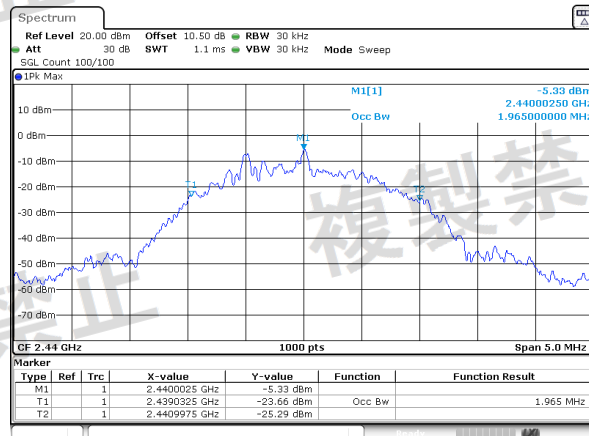
BLE 1M_High Channel



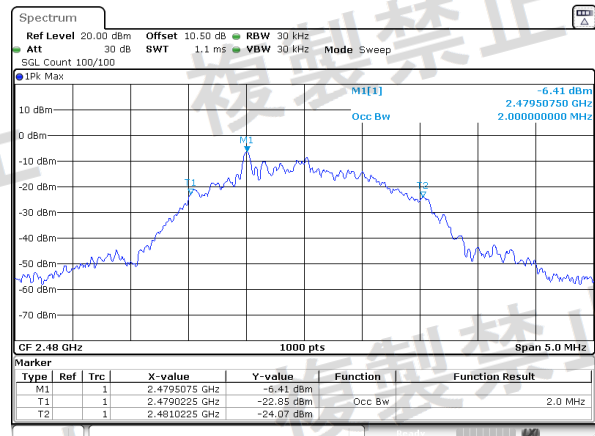
BLE 2M_Low Channel



BLE 2M_Middle Channel



BLE 2M_High Channel



Transmitter Spurious Emission and Unwanted Emission Intensity**Test Information:**

Sample No.:	3GA6-2	Test Date:	2026/03/17
Test Site:	RF	Test Mode:	Transmitting
Tester:	Cheeb Huang	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	25.5	Relative Humidity: (%)	49	ATM Pressure: (kPa)	101
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Test Condition: Normal, BLE 1M

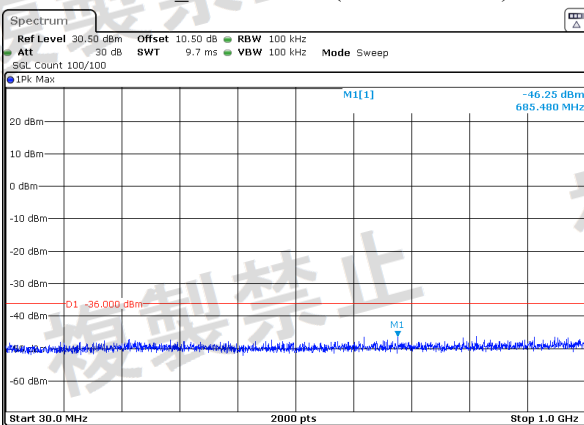
Channel	Test Band (RBW)	Frequency Range		Max.Emission Located(MHz)	Result (dBm/RBW)	Result (μW/RBW)	Limit (μW/RBW)	Verdict
		Start (MHz)	Stop (MHz)					
Low	Band I (100kHz)	30	1000	685.48	-46.25	0.024	0.25	Pass
	Band II (1MHz)	1000	2387	1955.99	-37.47	0.179	2.50	Pass
	Band III (1MHz)	2387	2400	2399.9968	-33.47	0.450	25	Pass
	Band IV (1MHz)	2483.5	2496.5	2496.4903	-37.74	0.168	25	Pass
	Band V (1MHz)	2496.5	12500	6915.5	-32.91	0.512	2.50	Pass
Middle	Band I (100kHz)	30	1000	964.84	-45.84	0.026	0.25	Pass
	Band II (1MHz)	1000	2387	1669.57	-37.68	0.171	2.50	Pass
	Band III (1MHz)	2387	2400	2389.4018	-37.91	0.162	25	Pass
	Band IV (1MHz)	2483.5	2496.5	2496.0288	-37.75	0.168	25	Pass
	Band V (1MHz)	2496.5	12500	6910.5	-32.26	0.594	2.50	Pass
High	Band I (100kHz)	30	1000	925.55	-46.56	0.022	0.25	Pass
	Band II (1MHz)	1000	2387	1812.44	-37.64	0.172	2.50	Pass
	Band III (1MHz)	2387	2400	2397.5398	-37.16	0.192	25	Pass
	Band IV (1MHz)	2483.5	2496.5	2489.9708	-37.36	0.184	25	Pass
	Band V (1MHz)	2496.5	12500	6775.5	-32.65	0.543	2.50	Pass

Test Condition: Normal, BLE 2M

Channel	Test Band (RBW)	Frequency Range		Max.Emission Located(MHz)	Result (dBm/RBW)	Result (μW/RBW)	Limit (μW/RBW)	Verdict
		Start (MHz)	Stop (MHz)					
Low	Band I (100kHz)	30	1000	611.76	-46.81	0.021	0.25	Pass
	Band II (1MHz)	1000	2387	1761.81	-37.83	0.165	2.50	Pass
	Band III (1MHz)	2387	2400	2399.9968	-25.88	2.582	25	Pass
	Band IV (1MHz)	2483.5	2496.5	2488.6643	-38.13	0.154	25	Pass
	Band V (1MHz)	2496.5	12500	5935.2	-32.41	0.574	2.50	Pass
Middle	Band I (100kHz)	30	1000	877.54	-45.89	0.026	0.25	Pass
	Band II (1MHz)	1000	2387	1691.07	-37.11	0.195	2.50	Pass
	Band III (1MHz)	2387	2400	2392.9703	-37.26	0.188	25	Pass
	Band IV (1MHz)	2483.5	2496.5	2493.8838	-37.76	0.167	25	Pass
	Band V (1MHz)	2496.5	12500	6910.5	-32.34	0.583	2.50	Pass
High	Band I (100kHz)	30	1000	279.05	-46.53	0.022	0.25	Pass
	Band II (1MHz)	1000	2387	1719.51	-37.09	0.195	2.50	Pass
	Band III (1MHz)	2387	2400	2396.1748	-37.34	0.185	25	Pass
	Band IV (1MHz)	2483.5	2496.5	2484.1338	-37.51	0.177	25	Pass
	Band V (1MHz)	2496.5	12500	5900.2	-32.21	0.601	2.50	Pass

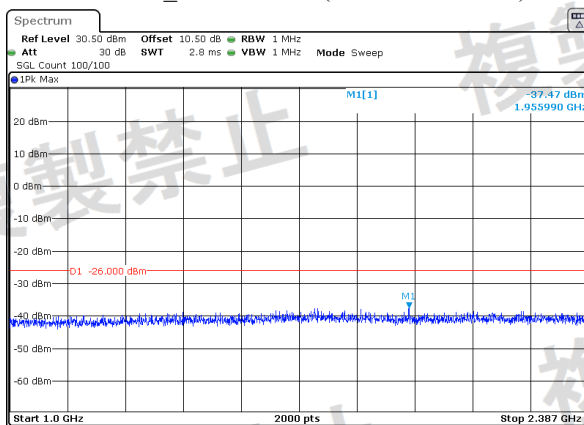
Test Condition: NV

BLE 1M_Low Channel(30MHz~1GHz)



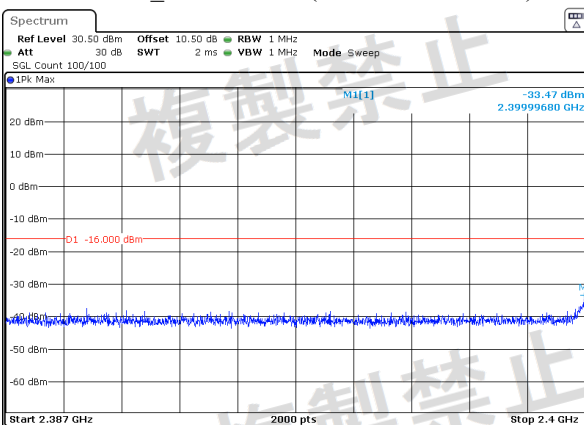
ProjectNo.:2601P34810E-RF Tester:Cheeb Huang
Date: 17.MAR.2026 09:24:49

BLE 1M_Low Channel(1GHz~2.387GHz)



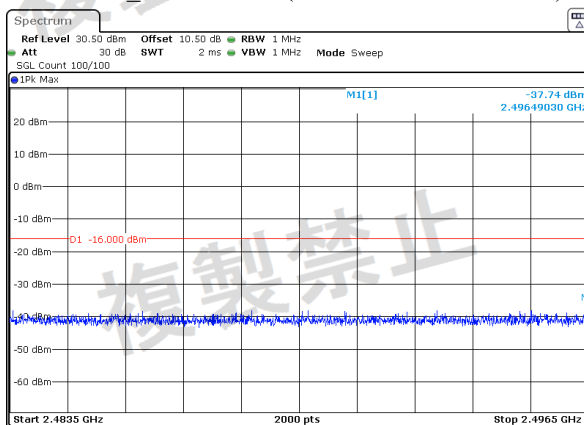
ProjectNo.:2601P34810E-RF Tester:Cheeb Huang
Date: 17.MAR.2026 09:24:51

BLE 1M_Low Channel(2.387GHz~2.4GHz)



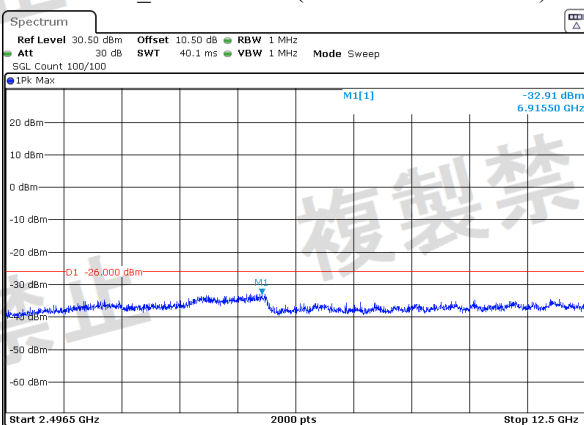
ProjectNo.:2601P34810E-RF Tester:Cheeb Huang
Date: 17.MAR.2026 09:25:03

BLE 1M_Low Channel(2.4835GHz~2.4965GHz)



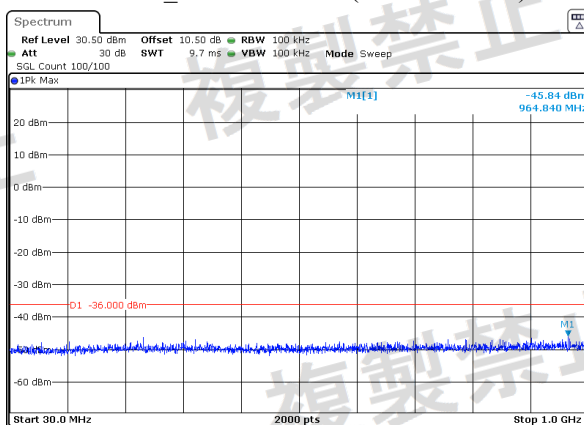
ProjectNo.:2601P34810E-RF Tester:Cheeb Huang
Date: 17.MAR.2026 09:25:11

BLE 1M_Low Channel(2.4965GHz~12.5GHz)



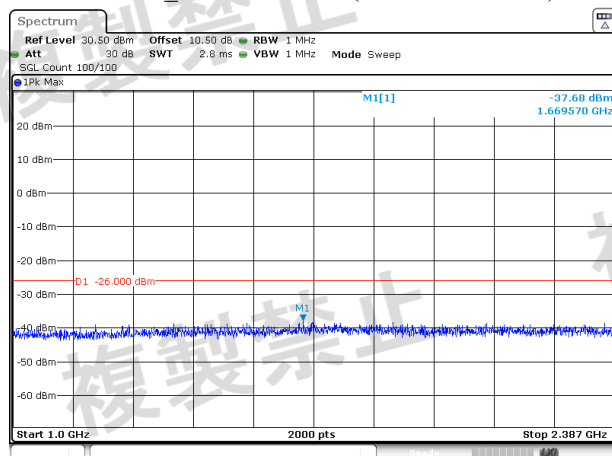
ProjectNo.:2601P34810E-RF Tester:Cheeb Huang
Date: 17.MAR.2026 09:25:33

BLE 1M_Middle Channel(30MHz~1GHz)



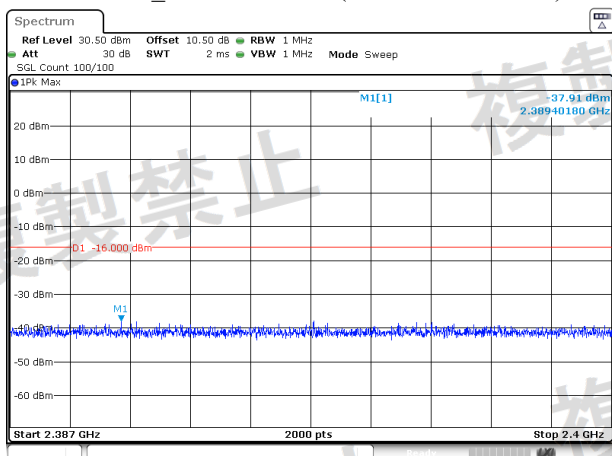
ProjectNo.:2601P34810E-RF Tester:Cheeb Huang
Date: 17.MAR.2026 09:26:47

BLE 1M_Middle Channel(1GHz~2.387GHz)



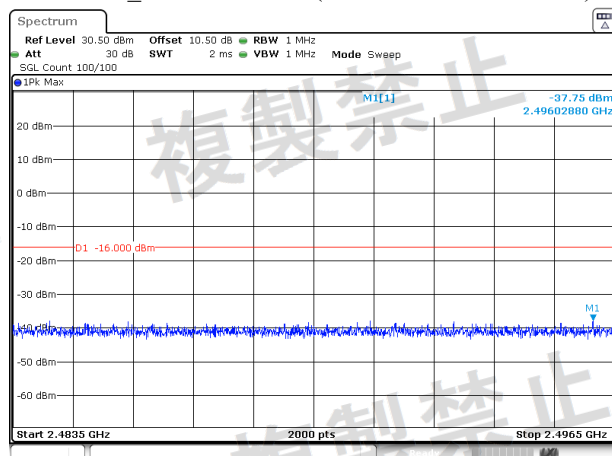
ProjectNo.:2601P34810E-RF Tester:Cheeb Huang
Date: 17.MAR.2026 09:33:00

BLE 1M_Middle Channel(2.387GHz~2.4GHz)



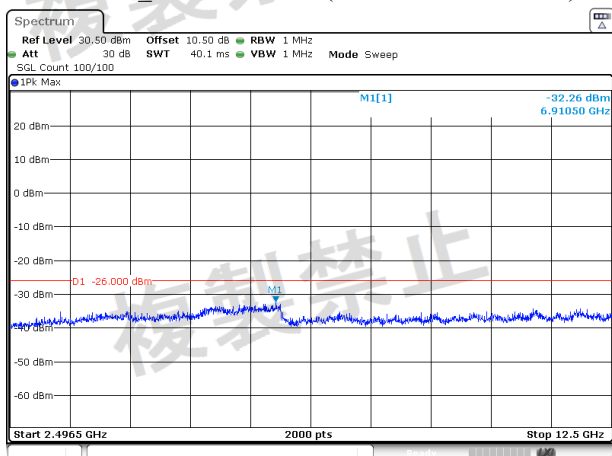
ProjectNo.:2601P34810E-RF Tester:Cheeb Huang
Date: 17.MAR.2026 09:33:06

BLE 1M_Middle Channel(2.4835GHz~2.4965GHz)



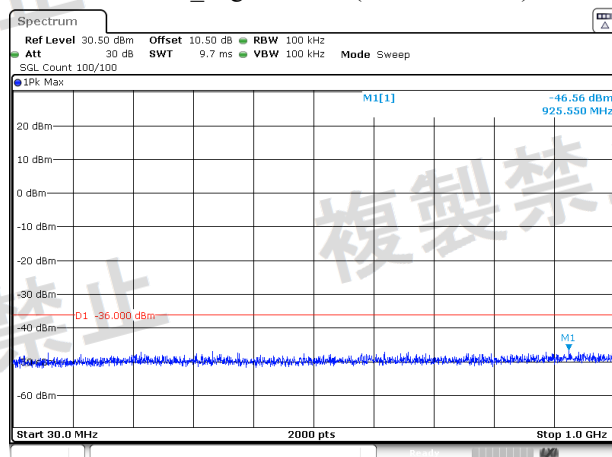
ProjectNo.:2601P34810E-RF Tester:Cheeb Huang
Date: 17.MAR.2026 09:33:16

BLE 1M_Middle Channel(2.4965GHz~12.5GHz)



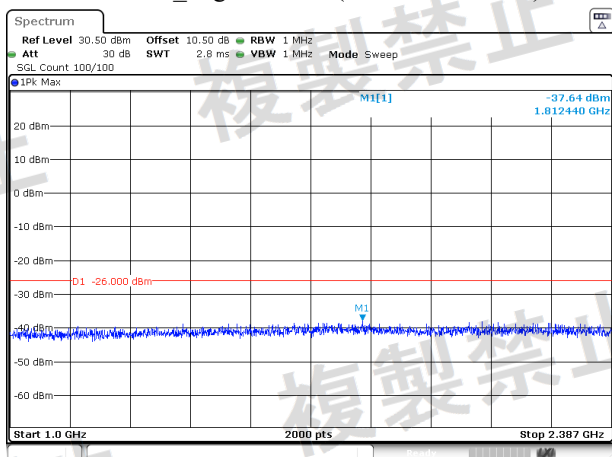
ProjectNo.:2601P34810E-RF Tester:Cheeb Huang
Date: 17.MAR.2026 09:33:42

BLE 1M_High Channel(30MHz~1GHz)



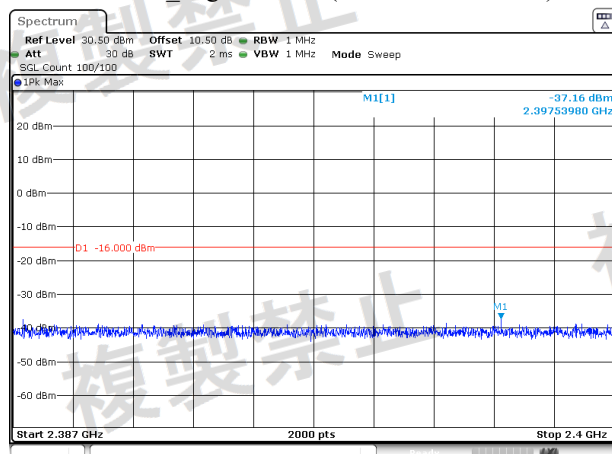
ProjectNo.:2601P34810E-RF Tester:Cheeb Huang
Date: 17.MAR.2026 09:41:02

BLE 1M_High Channel(1GHz~2.387GHz)



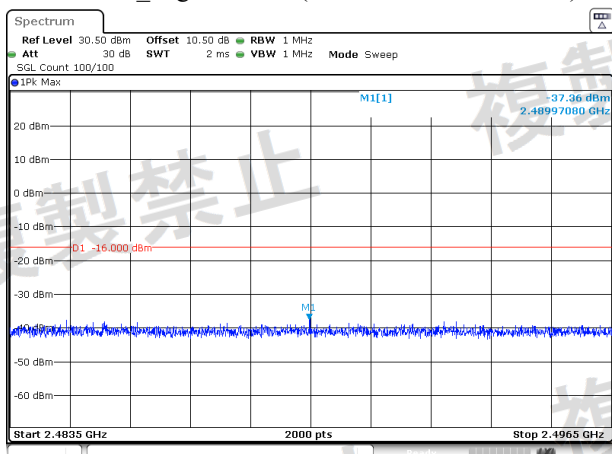
ProjectNo.:2601P34810E-RF Tester:Cheeb Huang
Date: 17.MAR.2026 09:41:10

BLE 1M_High Channel(2.387GHz~2.4GHz)



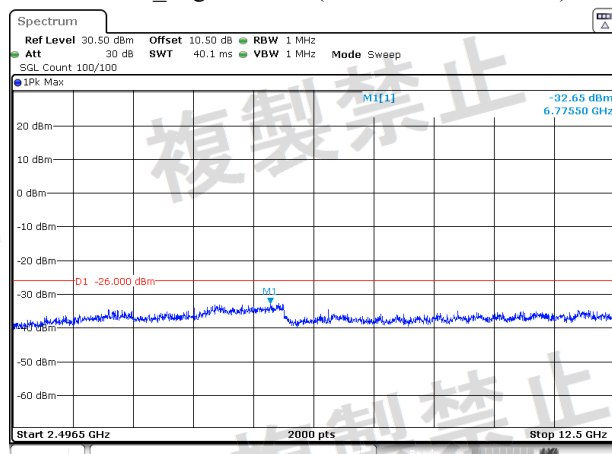
ProjectNo.:2601P34810E-RF Tester:Cheeb Huang
Date: 17.MAR.2026 09:41:16

BLE 1M_High Channel(2.4835GHz~2.4965GHz)



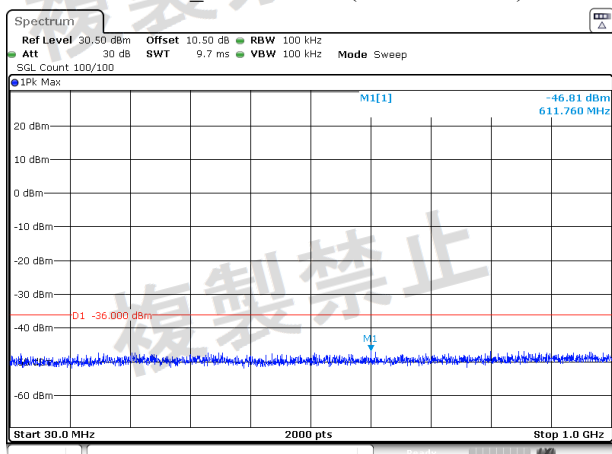
ProjectNo.:2601P34810E-RF Tester:Cheeb Huang
Date: 17.MAR.2026 09:41:23

BLE 1M_High Channel(2.4965GHz~12.5GHz)



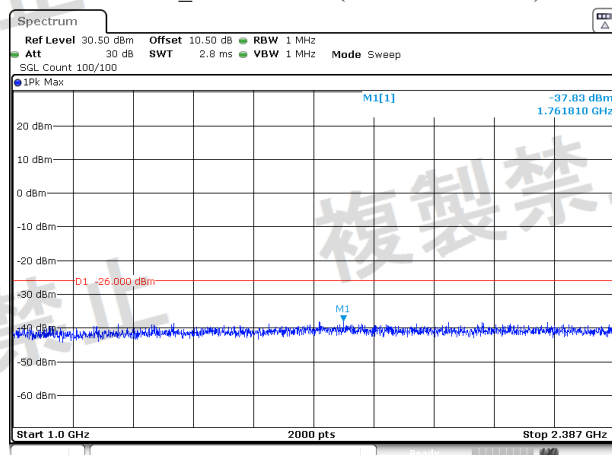
ProjectNo.:2601P34810E-RF Tester:Cheeb Huang
Date: 17.MAR.2026 09:41:46

BLE 2M_Low Channel(30MHz~1GHz)



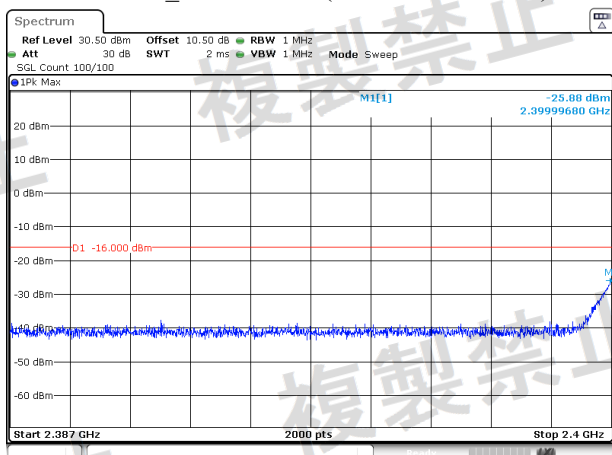
ProjectNo.:2601P34810E-RF Tester:Cheeb Huang
Date: 17.MAR.2026 09:42:52

BLE 2M_Low Channel(1GHz~2.387GHz)



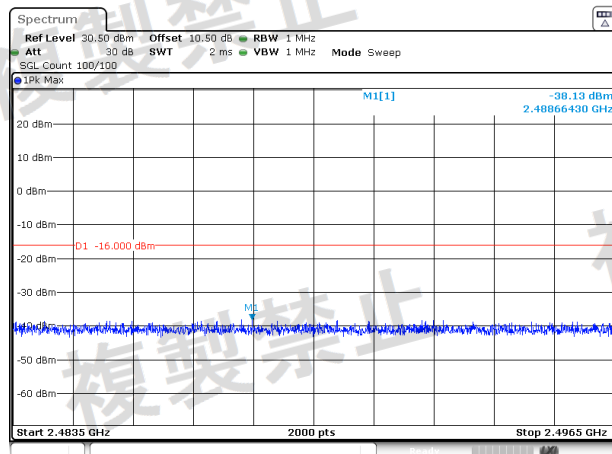
ProjectNo.:2601P34810E-RF Tester:Cheeb Huang
Date: 17.MAR.2026 09:43:00

BLE 2M_Low Channel(2.387GHz~2.4GHz)



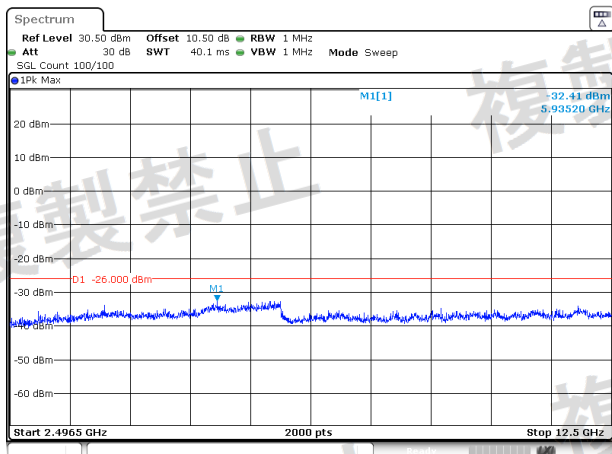
ProjectNo.:2601P34810E-RF Tester:Cheeb Huang
Date: 17.MAR.2026 09:43:06

BLE 2M_Low Channel(2.4835GHz~2.4965GHz)



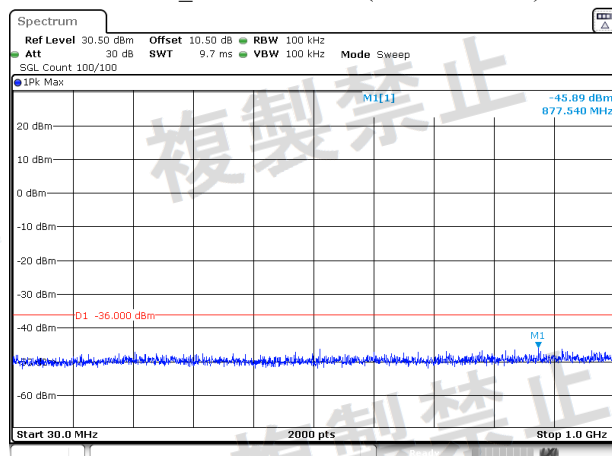
ProjectNo.:2601P34810E-RF Tester:Cheeb Huang
Date: 17.MAR.2026 09:43:13

BLE 2M_Low Channel(2.4965GHz~12.5GHz)



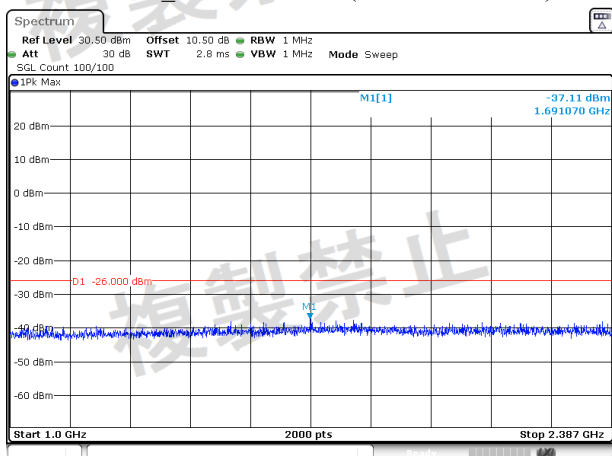
ProjectNo.:2601P34810E-RF Tester:Cheeb Huang
Date: 17.MAR.2026 09:43:36

BLE 2M_Middle Channel(30MHz~1GHz)



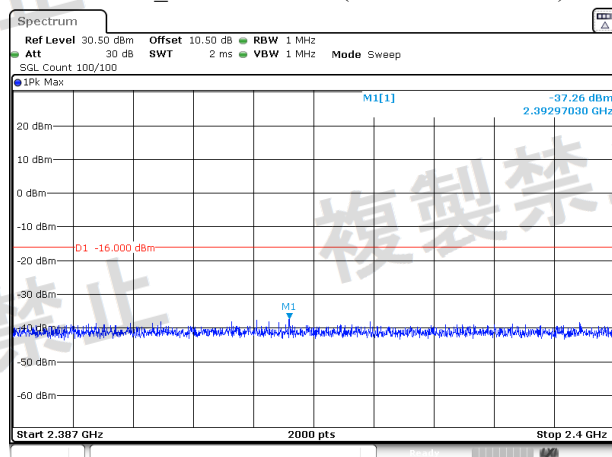
ProjectNo.:2601P34810E-RF Tester:Cheeb Huang
Date: 17.MAR.2026 09:45:57

BLE 2M_Middle Channel(1GHz~2.387GHz)



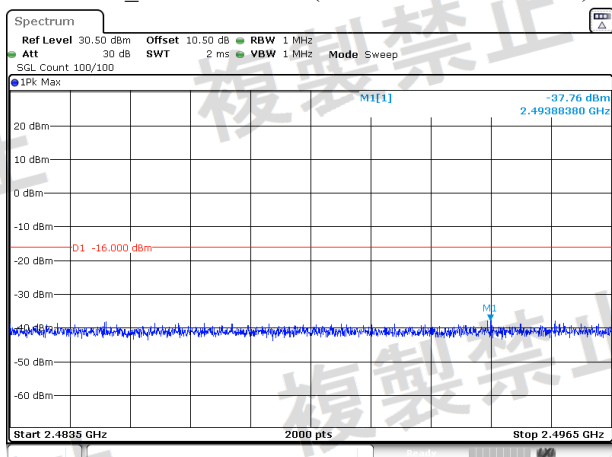
ProjectNo.:2601P34810E-RF Tester:Cheeb Huang
Date: 17.MAR.2026 09:46:06

BLE 2M_Middle Channel(2.387GHz~2.4GHz)



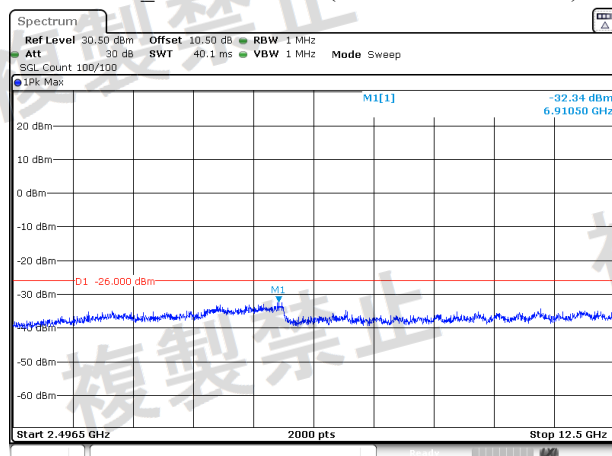
ProjectNo.:2601P34810E-RF Tester:Cheeb Huang
Date: 17.MAR.2026 09:46:13

BLE 2M_Middle Channel(2.4835GHz~2.4965GHz)



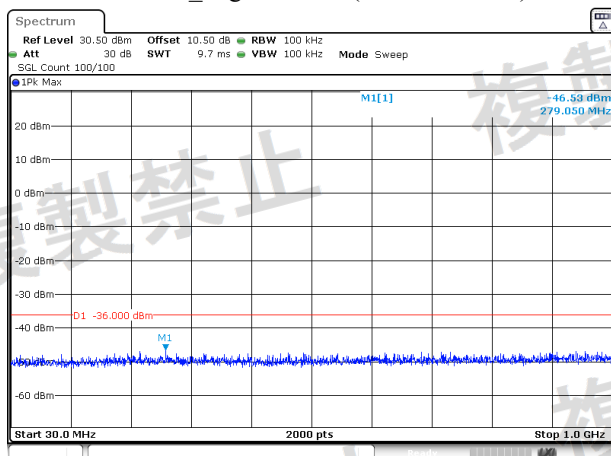
ProjectNo.:2601P34810E-RF Tester:Cheeb Huang
Date: 17.MAR.2026 09:46:20

BLE 2M_Middle Channel(2.4965GHz~12.5GHz)



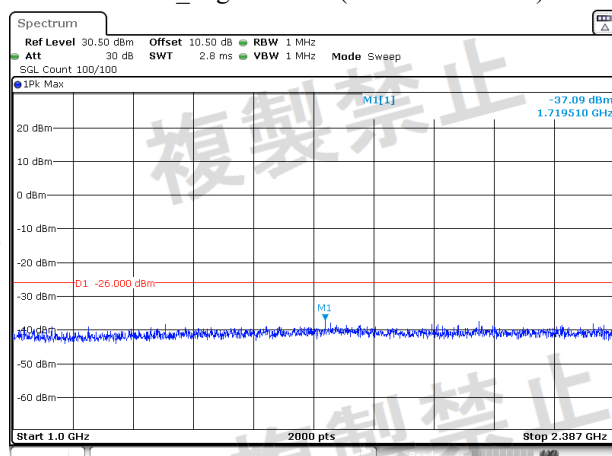
ProjectNo.:2601P34810E-RF Tester:Cheeb Huang
Date: 17.MAR.2026 09:46:43

BLE 2M_High Channel(30MHz~1GHz)



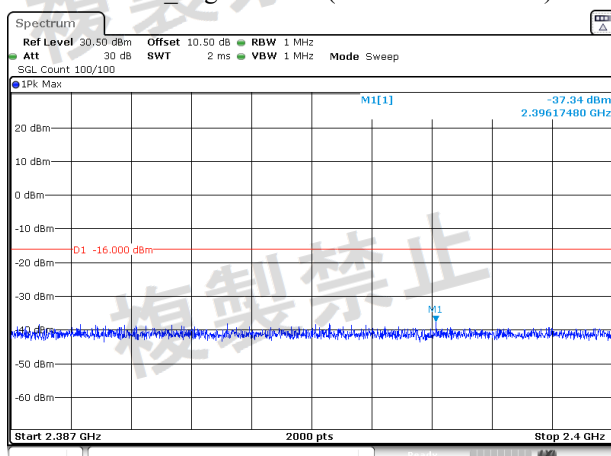
ProjectNo.:2601P34810E-RF Tester:Cheeb Huang
Date: 17.MAR.2026 09:51:06

BLE 2M_High Channel(1GHz~2.387GHz)



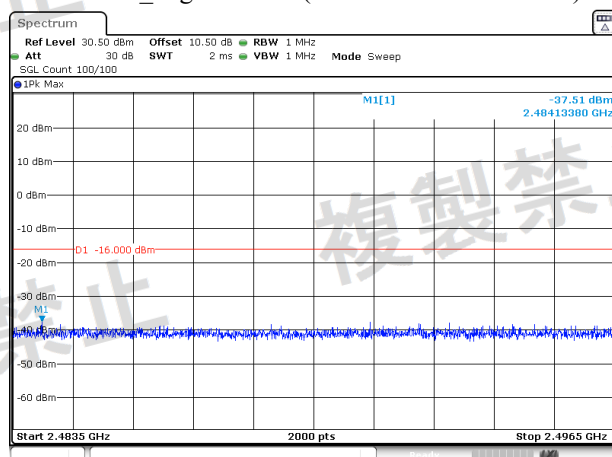
ProjectNo.:2601P34810E-RF Tester:Cheeb Huang
Date: 17.MAR.2026 09:51:15

BLE 2M_High Channel(2.387GHz~2.4GHz)



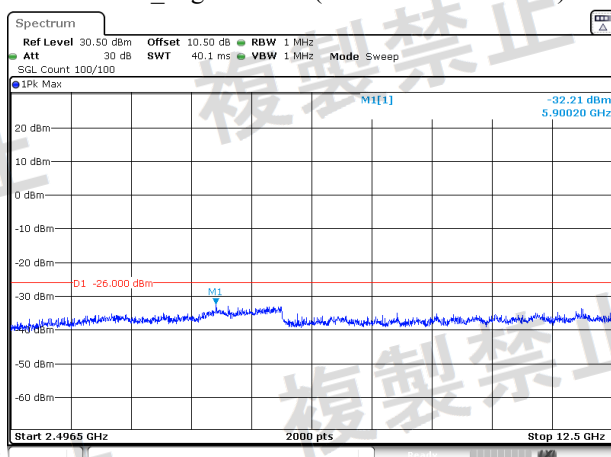
ProjectNo.:2601P34810E-RF Tester:Cheeb Huang
Date: 17.MAR.2026 09:51:23

BLE 2M_High Channel(2.4835GHz~2.4965GHz)



ProjectNo.:2601P34810E-RF Tester:Cheeb Huang
Date: 17.MAR.2026 09:51:30

BLE 2M_High Channel(2.4965GHz~12.5GHz)



ProjectNo.:2601P34810E-RF Tester:Cheeb Huang
Date: 17.MAR.2026 09:51:54

Antenna Output Power and Output Power Tolerance**Test Information:**

Sample No.:	3GA6-2	Test Date:	2026/03/17
Test Site:	RF	Test Mode:	Transmitting
Tester:	Cheeb Huang	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	25.5	Relative Humidity: (%)	49	ATM Pressure: (kPa)	101
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Test Condition: NV

Mode	Antenna gain (dBi)	Declared power (mW)
BLE 1M	-0.21	0.50
BLE 2M		0.50

Mode	Channel	Conducted power (dBm)	Antenna output power(mW)		Antenna output tolerance(%)		EIRP (dBm)		Verdict
			Result	Limit	Result	Limit	Result	Limit	
BLE 1M	Low	-3.11	0.489	≤ 10	-2.20	≤ +20	-3.32	≤ 12.14	Pass
	Middle	-3.18	0.481	≤ 10	-3.80	≤ +20	-3.39	≤ 12.14	Pass
	High	-3.10	0.490	≤ 10	-2.00	≤ +20	-3.31	≤ 12.14	Pass
BLE 2M	Low	-3.19	0.480	≤ 10	-4.00	≤ +20	-3.40	≤ 12.14	Pass
	Middle	-3.25	0.473	≤ 10	-5.40	≤ +20	-3.46	≤ 12.14	Pass
	High	-3.24	0.474	≤ 10	-5.20	≤ +20	-3.45	≤ 12.14	Pass

Note:

Antenna output power(mW) = $10^{\{\text{Conducted power(dBm)} / 10\}}$

Antenna output power tolerance(%) = (Antenna output power - Declared power) / Declared power * 100%

EIRP(dBm) = Conducted power(dBm) + Antenna gain.

Receiver Spurious Emission and Unwanted Emission Intensity**Test Information:**

Sample No.:	3GA6-2	Test Date:	2026/03/17
Test Site:	RF	Test Mode:	Receiving
Tester:	Cheeb Huang	Test Result:	Pass

Environmental Conditions:

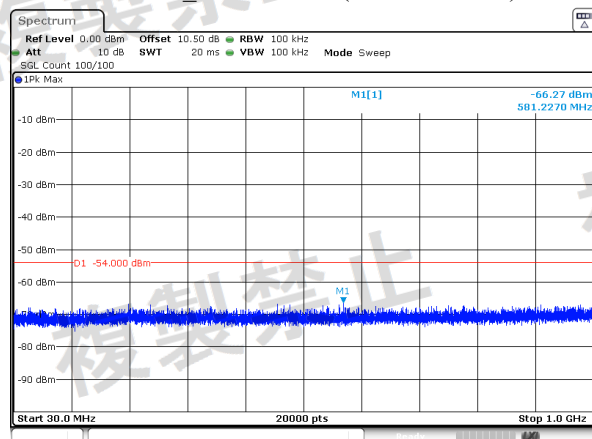
Temperature: (°C)	25.5	Relative Humidity: (%)	49	ATM Pressure: (kPa)	101
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Test Condition: NV

Mode	Channel	Test Band (RBW)	Frequency Range		Max.Emission Located(MHz)	Result (dBm)	Result (nW)	Limit (nW)	Verdict
			Start (MHz)	Stop (MHz)					
BLE 1M	Low	Band I (100kHz)	30	1000	581.227	-66.27	0.236	4	Pass
		Band II (1MHz)	1000	12500	6373.09	-52.87	5.164	20	Pass
	Middle	Band I (100kHz)	30	1000	952.155	-66.09	0.246	4	Pass
		Band II (1MHz)	1000	12500	5175.94	-49.34	11.641	20	Pass
	High	Band I (100kHz)	30	1000	889.638	-59.70	1.072	4	Pass
		Band II (1MHz)	1000	12500	6936.01	-51.62	6.887	20	Pass
BLE 2M	Low	Band I (100kHz)	30	1000	223.297	-66.48	0.225	4	Pass
		Band II (1MHz)	1000	12500	6320.76	-52.91	5.117	20	Pass
	Middle	Band I (100kHz)	30	1000	795.015	-66.36	0.231	4	Pass
		Band II (1MHz)	1000	12500	6858.39	-52.15	6.095	20	Pass
	High	Band I (100kHz)	30	1000	582.973	-66.47	0.225	4	Pass
		Band II (1MHz)	1000	12500	6471.99	-52.18	6.053	20	Pass

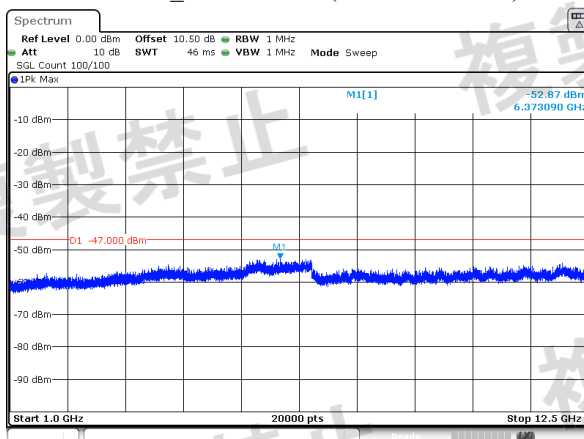
Test Condition: NV

BLE 1M_Low Channel(30MHz~1GHz)



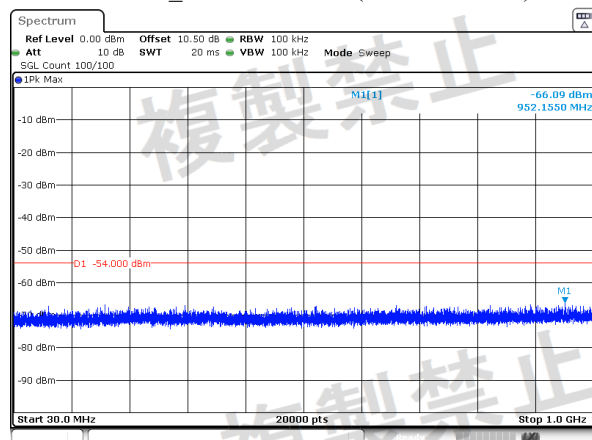
ProjectNo.:2601P34810E-RF Tester:Cheeb Huang
Date: 17.MAR.2026 09:56:35

BLE 1M_Low Channel(1GHz~12.5GHz)



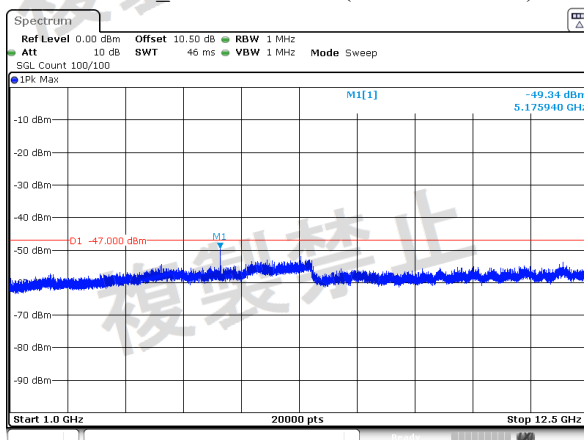
ProjectNo.:2601P34810E-RF Tester:Cheeb Huang
Date: 17.MAR.2026 09:57:01

BLE 1M_Middle Channel(30MHz~1GHz)



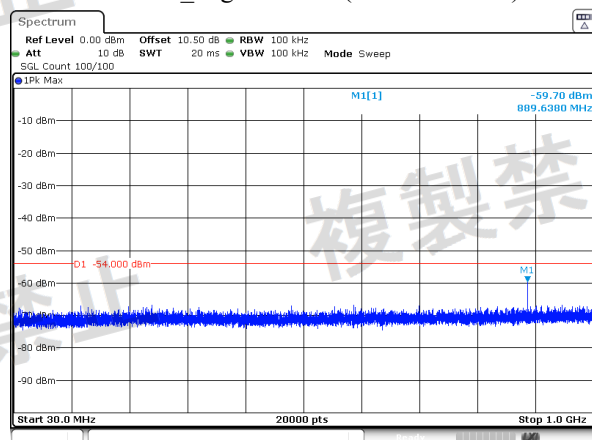
ProjectNo.:2601P34810E-RF Tester:Cheeb Huang
Date: 17.MAR.2026 09:59:55

BLE 1M_Middle Channel(1GHz~12.5GHz)



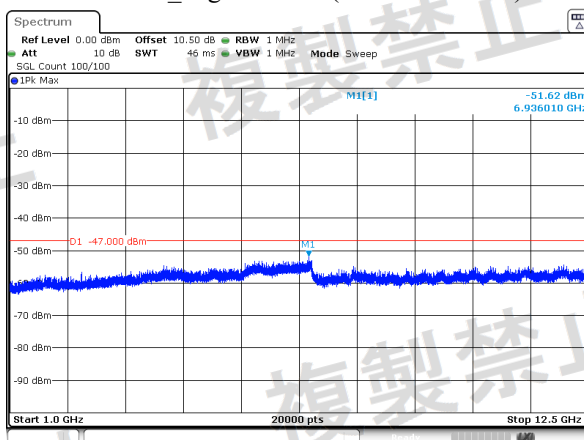
ProjectNo.:2601P34810E-RF Tester:Cheeb Huang
Date: 17.MAR.2026 10:00:22

BLE 1M_High Channel(30MHz~1GHz)



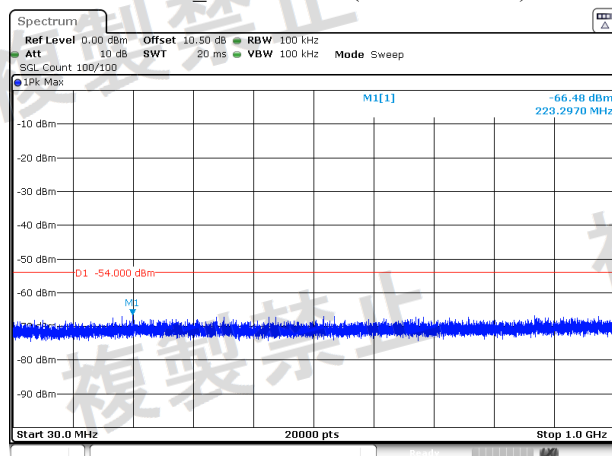
ProjectNo.:2601P34810E-RF Tester:Cheeb Huang
Date: 17.MAR.2026 10:01:19

BLE 1M_High Channel(1GHz~12.5GHz)



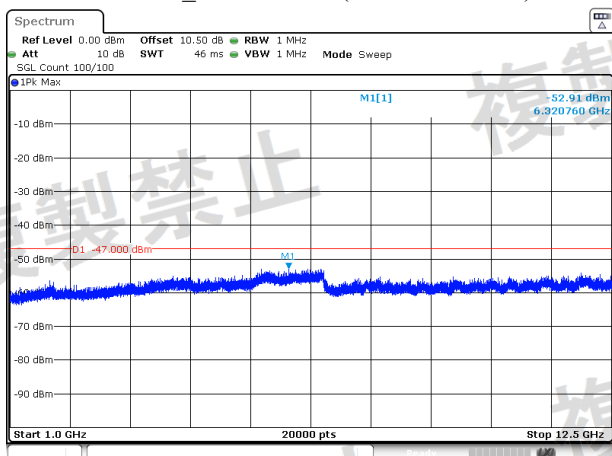
ProjectNo.:2601P34810E-RF Tester:Cheeb Huang
Date: 17.MAR.2026 10:01:46

BLE 2M_Low Channel(30MHz~1GHz)



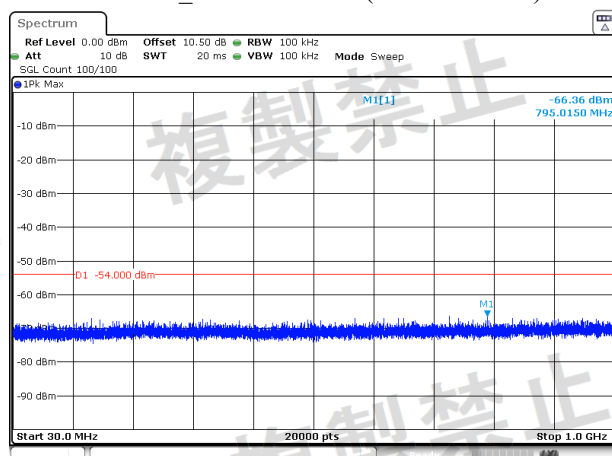
ProjectNo.:2601P34810E-RF Tester:Cheeb Huang
Date: 17.MAR.2026 10:02:04

BLE 2M_Low Channel(1GHz~12.5GHz)



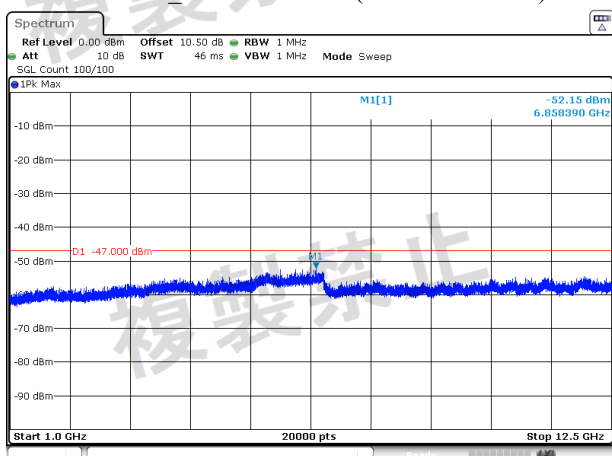
ProjectNo.:2601P34810E-RF Tester:Cheeb Huang
Date: 17.MAR.2026 10:02:32

BLE 2M_Middle Channel(30MHz~1GHz)



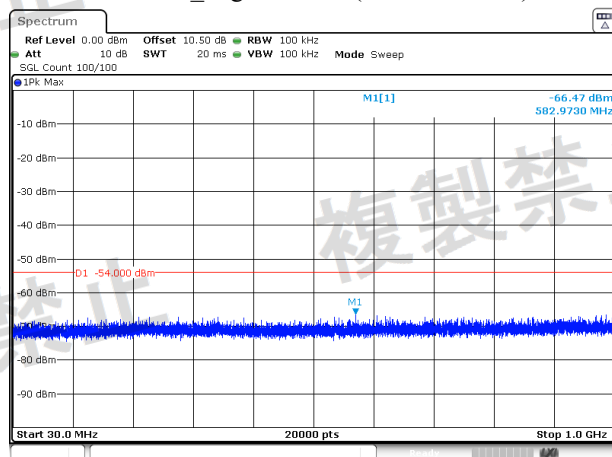
ProjectNo.:2601P34810E-RF Tester:Cheeb Huang
Date: 17.MAR.2026 10:02:51

BLE 2M_Middle Channel(1GHz~12.5GHz)



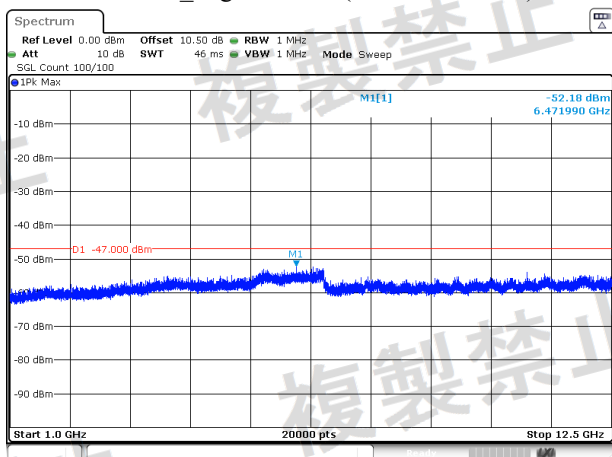
ProjectNo.:2601P34810E-RF Tester:Cheeb Huang
Date: 17.MAR.2026 10:03:19

BLE 2M_High Channel(30MHz~1GHz)



ProjectNo.:2601P34810E-RF Tester:Cheeb Huang
Date: 17.MAR.2026 10:03:38

BLE 2M_High Channel(1GHz~12.5GHz)



ProjectNo.:2601P34810E-RF Tester:Cheeb Huang
Date: 17.MAR.2026 10:04:05

Interference Prevention Function**Test Information:**

Sample No.:	3GA6-2	Test Date:	2026/03/17
Test Site:	RF	Test Mode:	Communicating
Tester:	Cheeb Huang	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	25.5	Relative Humidity: (%)	49	ATM Pressure: (kPa)	101
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Result:

Item	Result	Requirement	Verdict
Methodology to transmit ID Code:	Automatically	Automatically	Compliant
Methodology to receive ID Code:	Automatically	Automatically	Compliant
Identification Codes (ID Codes):	9e:c7:d3:c6:eb:7f	/	/
Bits of ID Codes:	48 bits	48 bits or more	Compliant

CONSTRUCTION PROTECTION CONFIRMATION

Limit

The high-frequency section and modulation section of the radio equipment except for the antenna system shall not be capable of being opened easily.

Confirmation Result

The EUT has screws which can't be opened easily, please see the EUT photos.

EUT PHOTOGRAPHS

Please refer to the attachment 2601P34810E-RF-EXP External photo and 2601P34810E-RF-INP Internal photo.

TEST SETUP PHOTOGRAPHS

Please refer to the attachment 2601P34810E-RF-TSPB Test Setup photo.

****END OF REPORT****