



## RADIO TEST REPORT

For

myFirst Tech Asia Pte. Ltd.

myFirst Fone S4

Test Model: KW1601

Prepared for : myFirst Tech Asia Pte. Ltd.  
Address : 31 Woodlands Close, #01-22 Woodlands Horizon  
Singapore 737855

Prepared by : Shenzhen LCS Compliance Testing Laboratory Ltd.  
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Date of receipt of test sample : April 08, 2025  
Number of tested samples : 2  
Sample No. : A250401028-1, A250401028-2  
Serial number : Prototype  
Date of Test : April 08, 2025 ~ April 25, 2025  
Date of Report : April 27, 2025





<b>RADIO TEST REPORT</b>	
<b>ETSI EN 301 908-1 V15.2.1 (2023-01)&amp;ETSI EN 301 908-2 V13.1.1 (2020-06)</b>	
<b>Report Reference No.</b> .....	<b>LCSA12194118EF</b>
<b>Date of Issue</b> .....	<b>April 27, 2025</b>
<b>Testing Laboratory Name</b> ....	<b>Shenzhen LCS Compliance Testing Laboratory Ltd.</b>
<b>Address</b> .....	Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China
<b>Testing Location/ Procedure...</b>	Full application of Harmonised standards <input checked="" type="checkbox"/> Partial application of Harmonised standards <input type="checkbox"/> Other standard testing method <input type="checkbox"/>
<b>Applicant's Name</b> .....	<b>myFirst Tech Asia Pte. Ltd.</b>
<b>Address</b> .....	31 Woodlands Close, #01-22 Woodlands Horizon Singapore 737855
<b>Test Specification</b>	
<b>Standard</b> .....	ETSI EN 301 908-1 V15.2.1 (2023-01) ETSI EN 301 908-2 V13.1.1 (2020-06)
<b>Test Report Form No.</b> .....	TRF-4-E-141 A/0
<b>TRF Originator</b> .....	Shenzhen LCS Compliance Testing Laboratory Ltd.
<b>Master TRF</b> .....	Dated 2017-06
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<b>Test Item Description.</b> .....	<b>myFirst Fone S4</b>
<b>Trade Mark</b> .....	myFirst
<b>Test Model</b> .....	KW1601
<b>Ratings</b> .....	Input:DC 5V, 1000mA DC 3.8V by Rechargeable Li-ion Battery, 605mAh
<b>Result</b> .....	<b>PASS</b>

Compiled by:

Jack Liu/Administrator

Supervised by:

Cary Luo/ Technique principal

Approved by:

Gavin Liang/ Manager





## RADIO -- TEST REPORT

Test Report No. : LCSA12194118EF	April 27, 2025 Date of issue
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Test Model.....	: KW1601
EUT.....	: myFirst Fone S4
<b>Applicant.....</b>	<b>: myFirst Tech Asia Pte. Ltd.</b>
Address.....	: 31 Woodlands Close, #01-22Woodlands Horizon Singapore 737855
Telephone.....	: /
Fax.....	: /
<b>Manufacturer.....</b>	<b>: myFirst Tech Asia Pte. Ltd.</b>
Address.....	: 31 Woodlands Close, #01-22Woodlands Horizon Singapore 737855
Telephone.....	: /
Fax.....	: /
<b>Factory.....</b>	<b>: Umeox Innovations Co., Ltd</b>
Address.....	: Floor 19, Block A, Building 8, Shenzhen International Innovation Valley Phase III, Dashi 1st Road, Nanshan District, Shenzhen, China
Telephone.....	: /
Fax.....	: /

<b>Test Result</b>	<b>PASS</b>
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The test report merely corresponds to the test sample.  
It is not permitted to copy extracts of these test result without the written permission of the test laboratory.





Revision History

Report Version	Issue Date	Revision Content	Revised By
000	April 27, 2025	Initial Issue	---





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## 1. GENERAL INFORMATION

### 1.1. Product Description for Equipment Under Test (EUT)

EUT	: myFirst Fone S4
Test Model	: KW1601
Ratings	: Input:DC 5V, 1000mA DC 3.8V by Rechargeable Li-ion Battery, 605mAh
Hardware Version	: /
Software Version	: /
Bluetooth	:
Frequency Range	: 2402MHz~2480MHz
Channel Number	: 79 channels for Bluetooth V4.2 (BDR/EDR) 40 channels for Bluetooth V4.2 (BT LE)
Channel Spacing	: 1MHz for Bluetooth V4.2 (BDR/EDR) 2MHz for Bluetooth V4.2 (BT LE)
Modulation Type	: GFSK, $\pi/4$ -DQPSK, 8-DPSK for Bluetooth V4.2 (BDR/EDR) GFSK for Bluetooth V4.2 (BT LE)
Bluetooth Version	: V4.2
Antenna Description	: PIFA Antenna, 0.5dBi(Max.)
WIFI(2.4G Band)	:
Frequency Range	: 2412MHz~2472MHz
Channel Spacing	: 5MHz
Channel Number	: 13 Channel for 20MHz bandwidth(2412~2472MHz) 9 channels for 40MHz bandwidth(2422~2462MHz)
Modulation Type	: 802.11b: DSSS (CCK, DQPSK, DBPSK) 802.11g/n: OFDM (64QAM, 16QAM, QPSK, BPSK)
Antenna Description	: PIFA Antenna, 0.5dBi(Max.)
3G	:
Support Band	: <input checked="" type="checkbox"/> WCDMA Band I (EU-Band) <input checked="" type="checkbox"/> WCDMA Band VIII (EU-Band)
Release Version	: R9
Uplink	: WCDMA Band I: 1920MHz~1980MHz WCDMA Band VIII: 880MHz~915MHz
Downlink	: WCDMA Band I: 2110MHz~2170MHz WCDMA Band VIII: 925MHz~960MHz
Type Of Modulation	: QPSK
Antenna Description	: PIFA Antenna -2.8dBi (max.) For WCDMA Band I -6.5dBi (max.) For WCDMA Band VIII
Power Class	: Level 3
LTE	:
Support Band	: <input checked="" type="checkbox"/> E-UTRA Band 1(EU-Band) <input checked="" type="checkbox"/> E-UTRA Band 3(EU-Band) <input checked="" type="checkbox"/> E-UTRA Band 7(EU-Band) <input checked="" type="checkbox"/> E-UTRA Band 8(EU-Band) <input checked="" type="checkbox"/> E-UTRA Band 20(EU-Band) <input checked="" type="checkbox"/> E-UTRA Band 28(EU-Band) <input checked="" type="checkbox"/> E-UTRA Band 41EU-Band)
LTE Release Version	: R12
FDD Band	: Uplink: E-UTRA Band 1: 1920MHz~1980MHz E-UTRA Band 3: 1710MHz~1785MHz E-UTRA Band 7: 2500MHz~2570MHz



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E-UTRA Band 8: 880MHz~915MHz  
E-UTRA Band 20: 832MHz~862MHz  
E-UTRA Band 28: 703MHz~748MHz  
Downlink: E-UTRA Band 1: 2110MHz~2170MHz  
E-UTRA Band 3: 1805MHz~1880MHz  
E-UTRA Band 7: 2620MHz~2690MHz  
E-UTRA Band 8: 925MHz~960MHz  
E-UTRA Band 20: 791MHz~821MHz  
E-UTRA Band 28: 758MHz~803MHz  
TDD Band : E-UTRA Band 41: 2496MHz~2690MHz  
Type Of Modulation : QPSK/16QAM  
Antenna Description : PIFA Antenna  
-1.8dBi (max.) For E-UTRA Band 1  
-5.7dBi (max.) For E-UTRA Band 3  
-5.4dBi (max.) For E-UTRA Band 7  
-5.7dBi (max.) For E-UTRA Band 8  
-4.4dBi (max.) For E-UTRA Band 20  
-13.4dBi (max.) For E-UTRA Band 28  
-5.4dBi (max.) For E-UTRA Band 41  
Power Class : Class 3  
GPS Receiver :  
Receive Frequency : 1575.42MHz  
Channel Number : 1  
Antenna Description : PIFA Antenna, 0dBi(Max.)  
GLONASS Receiver :  
Receive Frequency : 1602.5625MHz  
Channel Number : 1  
Antenna Description : PIFA Antenna, 0dBi(Max.)  
Galileo Receiver :  
Receive Frequency : 1589.74MHz  
Channel Number : 1  
Antenna Description : PIFA Antenna, 0dBi(Max.)  
BDS Receiver :  
Frequency Range : 1561.098MHz  
Channel Number : 1  
Antenna Description : PIFA Antenna, 0dBi(Max.)  
QZSS Receiver :  
Receive Frequency : 1575.42MHz  
Channel Number : 1  
Antenna Description : PIFA Antenna, 0dBi(Max.)  
SBAS Receiver :  
Receive Frequency : 1575.42MHz  
Channel Number : 1  
Antenna Description : PIFA Antenna, 0dBi(Max.)





## 1.2. Support Equipment List

Manufacturer	Description	Model	Serial Number	Certificate
SHENZHEN TIANYIN ELECTRONICS CO., LTD	Power Adapter	TPA-46050200 UU	--	CE

Note: The adapter is supplied by lab and only use tested.

## 1.3. External I/O

I/O Port Description	Quantity	Cable
Power Port	1	N/A

## 1.4. Objective

Standard Referenced	Standard Title	Standard Version
ETSI EN 301 908-1	IMT cellular networks; Harmonised Standard for access to radio spectrum; Part 1: Introduction and common requirements; Release 15	V15.2.1 (2023-01)
ETSI EN 301 908-2	IMT cellular networks; Harmonised Standard for access to radio spectrum; Part 2: CDMA Direct Spread (UTRA FDD) User Equipment (UE)	V13.1.1 (2020-06)

The objective is to determine compliance with ETSI EN 301 908-1 V15.2.1 (2023-01) & ETSI EN 301 908-2 V13.1.1 (2020-06).

## 1.5. Test Conditions

Conditions	Temperature	Voltage
Normal	21-25°C	DC 3.8V
Low extreme Temperature/Low extreme Voltage (TL/VL);	-20°C	DC 3.3V
Low extreme Temperature/High extreme Voltage (TL/VH);	-20°C	DC 4.35V
High extreme Temperature/Low extreme Voltage (TH/VL);	+45°C	DC 3.3V
High extreme Temperature/High extreme Voltage (TH/VH).	+45°C	DC 4.35V

Note1: For all conditions, the humidity range is: 25-75%, the pressure range is 86-106kPa. The High Voltage DC 4.35V and Low Voltage DC 3.3V was declared by manufacturer





## 1.6. Description Of Test Mode

### 1. WCDMA Band I

- 1). Low Channel Operation(9612Channel)
- 2). Middle Channel Operation(9750Channel)
- 3). High Channel Operation(9888Channel)

### 2. WCDMA Band VIII

- 1). Low Channel Operation(2713Channel)
- 2). Middle Channel Operation(2788Channel)
- 3). High Channel Operation(2862Channel)

## 1.7. Measurement Uncertainty (95% confidence levels, k=2)

Test Item		Uncertainty
Radio Frequency	:	$0.9 \times 10^{-4}$
Total RF Power, Conducted	:	1.0 dB
RF Power Density, Conducted	:	1.8 dB
Spurious Emissions, Conducted	:	1.8 dB
All Emissions, Radiated	:	3.1 dB
Temperature	:	0.5°C
Humidity	:	1 %
DC And Low Frequency Voltages	:	1 %

## 1.8. Description of Test Facility

NVLAP Accreditation Code is 600167-0.

FCC Designation Number is CN5024.

CAB identifier is CN0071.

CNAS Registration Number is L4595.





## 2. SYSTEM TEST CONFIGURATION

### 2.1. Justification

N/A

### 2.2. EUT Exercise Software

N/A

### 2.3. Special Accessories

The special accessories were supplied by Shenzhen LCS Compliance Testing Laboratory Ltd.

### 2.4. Block Diagram/Schematics

Please refer to the related document.

### 2.5. Equipment Modifications

Shenzhen LCS Compliance Testing Laboratory Ltd. has not done any modification on the EUT.

### 2.6. Test Setup

Please refer to the test setup photo.





### 3. SUMMARY OF TEST RESULTS

Test Engineer	:	Jay Luo
Temperature/ Humidity:	:	24.4℃/ 52.7%

Reference Clause No. (ETSI EN 301 908-2)	Description of Test Items	WCDMA Band I	WCDMA Band VIII
		Result	Result
4.2.2	Transmitter maximum output power		
	Normal	Pass	Pass
	TL/VL	Pass	Pass
	TL/VH	Pass	Pass
	TH/VL	Pass	Pass
	TH/VH	Pass	Pass
	Transmitter maximum output power for HSDPA & HSUPA		
	Normal	Pass	Pass
	TL/VL	Pass	Pass
	TL/VH	Pass	Pass
	TH/VL	Pass	Pass
	TH/VH	Pass	Pass
4.2.3	Transmitter spectrum emission mask		
	Normal	Pass	Pass
	Transmitter spectrum emission mask for HSDPA & HSUPA		
	Normal	Pass	Pass
4.2.4	Transmitter spurious emissions		
	Normal	Pass	Pass
	Transmitter spurious emission for HSDPA & HSUPA		
	Normal	Pass	Pass
4.2.5	Transmitter minimum output power		
	Normal	Pass	Pass
	TL/VL	Pass	Pass
	TL/VH	Pass	Pass
	TH/VL	Pass	Pass
	TH/VH	Pass	Pass
4.2.6	Receiver Adjacent Channel Selectivity (ACS)		
	NT / NV	Pass	Pass
	Receiver Adjacent Channel Selectivity for HSDPA & HSUPA		
	NT / NV	Pass	Pass
4.2.7	Receiver blocking characteristics		
	Normal	Pass	Pass
4.2.8	Receiver spurious response		
	Normal	Pass	Pass
4.2.9	Receiver intermodulation characteristics		
	Normal	Pass	Pass





4.2.10	Receiver spurious emissions		
	Normal	Pass	Pass
4.2.11	Out-of-synchronization handling of output power		
	Normal	Pass	Pass
4.2.12	Transmitter Adjacent Channel Leakage power Ratio (ACLR)		
	Normal	Pass	Pass
	TL/VL	Pass	Pass
	TL/VH	Pass	Pass
	TH/VL	Pass	Pass
	TH/VH	Pass	Pass
	Transmitter Adjacent Channel Leakage power Ratio (ACLR) for HSDPA & HSUPA		
	Normal	Pass	Pass
	TL/VL	Pass	Pass
	TL/VH	Pass	Pass
	TH/VL	Pass	Pass
	TH/VH	Pass	Pass
4.2.13	Receiver Reference Sensitivity level		
	Normal	Pass	Pass
	TL/VL	Pass	Pass
	TL/VH	Pass	Pass
	TH/VL	Pass	Pass
	TH/VH	Pass	Pass
	Receiver Reference Sensitivity level for HSDPA & HSUPA		
	Normal	Pass	Pass
	TL/VL	Pass	Pass
	TL/VH	Pass	Pass
	TH/VL	Pass	Pass
	TH/VH	Pass	Pass

Reference Clause No. (ETSI EN 301 908-1)	Description of Test Items	WCDMA Band VIII	WCDMA Band I
		Result	Result
4.2.2	Radiated emissions (UE)		
	Normal	Pass	Pass
4.2.4	Control and monitoring functions (UE)		
	Normal	Pass	Pass

\*\*\*Note:

**Result:** Describes test result of Test Case.

**Pass:** Test Case passed on specified conformance test platform.

**Normal(TN/VN):** Normal temperature – 25°C; Normal voltage. – DC 3.8V

**TH:** High extreme Temperature – +45°C

**VH:** High extreme Voltage – DC 4.35V

**TL:** Low extreme Temperature – -20°C

**VL:** Low extreme Voltage – DC 3.3V

**N/A:** Not applicable.

—: Not test.





#### 4. LIST OF MEASURING EQUIPMENT

Item	Equipment	Manufacturer	Model No.	Serial No.	Cal Date	Due Date
1	LTE Test Software	Tonscend	JS1120-1	N/A	N/A	N/A
2	RF Control Unit	Tonscend	JS0806-1	158060009	2024-11-08	2025-11-07
3	MXA Signal Analyzer	Agilent	N9020A	MY51250905	2024-10-08	2025-10-07
4	DC Power Supply	Agilent	E3642A	N/A	2024-10-08	2025-10-07
5	MXG Vector Signal Generator	Agilent	N5182A	MY47071151	2024-06-06	2025-06-05
6	PSG Analog Signal Generator	Agilent	E8257D	MY4520521	2024-06-06	2025-06-05
7	Temperature & Humidity Chamber	Baro	/	/	2024-06-12	2025-06-11
8	EMI Test Software	Farad	EZ	/	N/A	N/A
9	3m Full Anechoic Chamber	MRDIANZI	FAC-3M	MR009	2022-08-17	2025-08-16
10	Positioning Controller	Max-Full	MF7802BS	MF780208586	N/A	N/A
11	Active Loop Antenna	SCHWARZBECK	FMZB 1519B	00005	2024-07-13	2027-07-12
12	By-log Antenna	SCHWARZBECK	VULB9163	9163-470	2024-08-03	2027-08-02
13	Horn Antenna	SCHWARZBECK	BBHA 9120D	9120D-1925	2024-07-13	2027-07-12
14	Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	791	2024-07-13	2027-07-12
15	Broadband Preamplifier	SCHWARZBECK	BBV9719	9719-025	2024-07-30	2025-07-29
16	EMI Test Receiver	R&S	ESR 7	101181	2024-06-06	2025-06-05
17	RS SPECTRUM ANALYZER	R&S	FSP40	100503	2024-06-06	2025-06-05
18	Low-frequency amplifier	SchwarzZBECK	BBV9745	00253	2024-10-08	2025-10-07
19	High-frequency amplifier	JS Denki Pte	PA0118-43	JSPA21009	2024-10-08	2025-10-07
20	WIDEBAND RADIO COMMUNICATION TESTER	R&S	CMW 500	103818	2024-06-06	2025-06-05
21	RF Filter	Micro-Tronics	BRC50718	017	2024-10-08	2025-10-07
22	RF Filter	Micro-Tronics	BRC50719	011	2024-10-08	2025-10-07
23	RF Filter	Micro-Tronics	BRC50720	011	2024-10-08	2025-10-07
24	RF Filter	Micro-Tronics	BRC50721	013	2024-10-08	2025-10-07
25	RF Filter	Micro-Tronics	BRM50702	195	2024-06-06	2025-06-05
26	6dB Attenuator	/	100W/6dB	1172040	2024-06-06	2025-06-05
27	3dB Attenuator	/	2N-3dB	/	2024-10-08	2025-10-07





## 5. PHOTOGRAPHS OF TEST SETUP

Please refer to separated files Appendix D for Photographs of Test Setup\_RF.

## 6. PHOTOGRAPHS OF THE EUT

Please refer to separated files Appendix C for Photographs of The EUT.





## Annex A

### Transmitter maximum output power

The worst test result of maximum output power for WCDMA Band I

Test Condition		Measure Result (dBm)			Nominal Output Power (dBm)	Conclusion
Temperature (°C)	Voltage (Vdc)	Low Channel 9612	Middle Channel 9750	High Channel 9888		
TL	VL	22.91	23.01	22.84	24	Pass
	VN	22.97	23.05	22.88		Pass
	VH	22.84	23.00	22.80		Pass
TN	VL	23.22	23.24	23.12		Pass
	VN	23.25	23.33	23.18		Pass
	VH	23.13	23.25	23.12		Pass
TH	VL	22.82	22.91	22.74		Pass
	VN	22.86	22.97	22.77		Pass
	VH	22.76	22.91	22.68		Pass

The worst test result of maximum output power for WCDMA Band I (HSUPA)

Test Condition		Measure Result (dBm)			Nominal Output Power (dBm)	Conclusion
Temperature (°C)	Voltage (Vdc)	Low Channel 9612	Middle Channel 9750	High Channel 9888		
TL	VL	21.90	21.99	21.89	24	Pass
	VN	21.98	22.04	21.89		Pass
	VH	21.86	21.96	21.83		Pass
TN	VL	22.24	22.31	22.19		Pass
	VN	22.28	22.34	22.24		Pass
	VH	22.21	22.26	22.12		Pass
TH	VL	21.77	21.84	21.70		Pass
	VN	21.84	21.87	21.74		Pass
	VH	21.76	21.85	21.65		Pass

The worst test result of maximum output power for WCDMA Band I (HSDPA)

Test Condition		Measure Result (dBm)			Nominal Output Power (dBm)	Conclusion
Temperature (°C)	Voltage (Vdc)	Low Channel 9612	Middle Channel 9750	High Channel 9888		
TL	VL	21.94	22.00	21.87	24	Pass
	VN	21.95	22.04	21.90		Pass
	VH	21.89	21.97	21.82		Pass
TN	VL	22.14	22.19	22.07		Pass
	VN	22.17	22.22	22.12		Pass
	VH	22.07	22.14	22.00		Pass
TH	VL	21.71	21.82	21.70		Pass
	VN	21.79	21.84	21.71		Pass
	VH	21.69	21.77	21.61		Pass



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The worst test result of maximum output power for WCDMA Band VIII

Test Condition		Measure Result (dBm)			Nominal Output Power (dBm)	Conclusion
Temperature (°C)	Voltage (Vdc)	Low Channel 2713	Middle Channel 2788	High Channel 2862		
TL	VL	22.84	22.92	22.73	24	Pass
	VN	22.87	23.01	22.77		Pass
	VH	22.79	22.87	22.80		Pass
TN	VL	23.02	23.15	23.17		Pass
	VN	23.08	23.21	23.19		Pass
	VH	22.97	23.15	23.11		Pass
TH	VL	22.72	22.82	22.76		Pass
	VN	22.78	22.89	22.76		Pass
	VH	22.70	22.80	22.70		Pass

The worst test result of maximum output power for WCDMA Band VIII (HSUPA)

Test Condition		Measure Result (dBm)			Nominal Output Power (dBm)	Conclusion
Temperature (°C)	Voltage (Vdc)	Low Channel 2713	Middle Channel 2788	High Channel 2862		
TL	VL	21.86	21.93	21.90	24	Pass
	VN	21.87	21.93	21.93		Pass
	VH	21.82	21.88	21.85		Pass
TN	VL	22.04	22.24	22.21		Pass
	VN	22.07	22.24	22.23		Pass
	VH	22.02	22.15	22.13		Pass
TH	VL	21.68	21.75	21.77		Pass
	VN	21.73	21.80	21.78		Pass
	VH	21.69	21.71	21.69		Pass

The worst test result of maximum output power for WCDMA Band VIII (HSDPA)

Test Condition		Measure Result (dBm)			Nominal Output Power (dBm)	Conclusion
Temperature (°C)	Voltage (Vdc)	Low Channel 2713	Middle Channel 2788	High Channel 2862		
TL	VL	21.82	21.91	21.89	24	Pass
	VN	21.88	21.94	21.89		Pass
	VH	21.79	21.86	21.79		Pass
TN	VL	21.93	22.10	22.08		Pass
	VN	22.00	22.14	22.10		Pass
	VH	21.92	22.08	22.03		Pass
TH	VL	21.64	21.70	21.67		Pass
	VN	21.72	21.76	21.71		Pass
	VH	21.64	21.69	21.62		Pass



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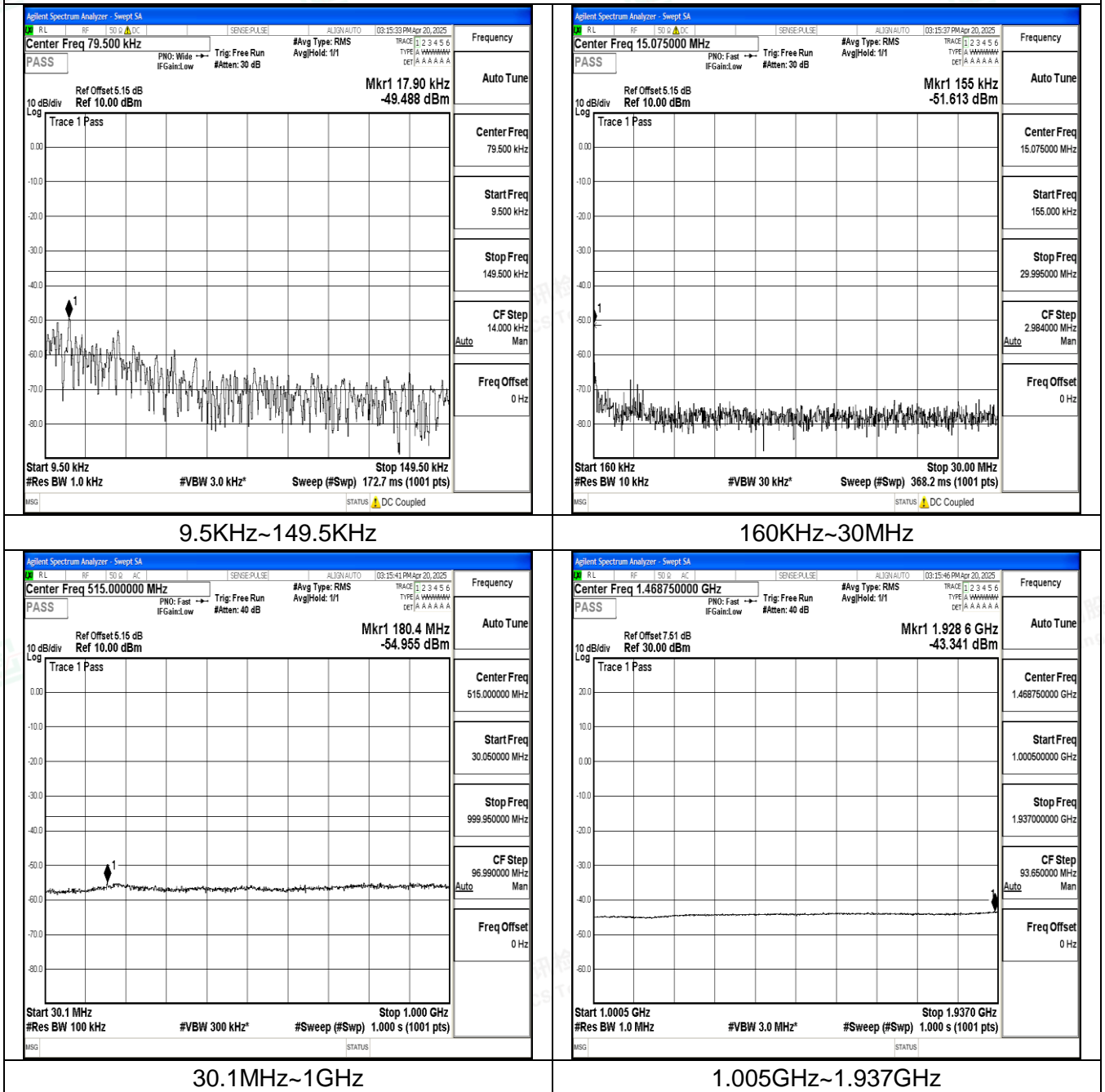
Scan code to check authenticity



## Transmitter spurious emissions

(Note: Only Record The Worst Test Result.)

## The Worst Test Result of Spurious Emissions for Band I (Middle Channel, Traffic)

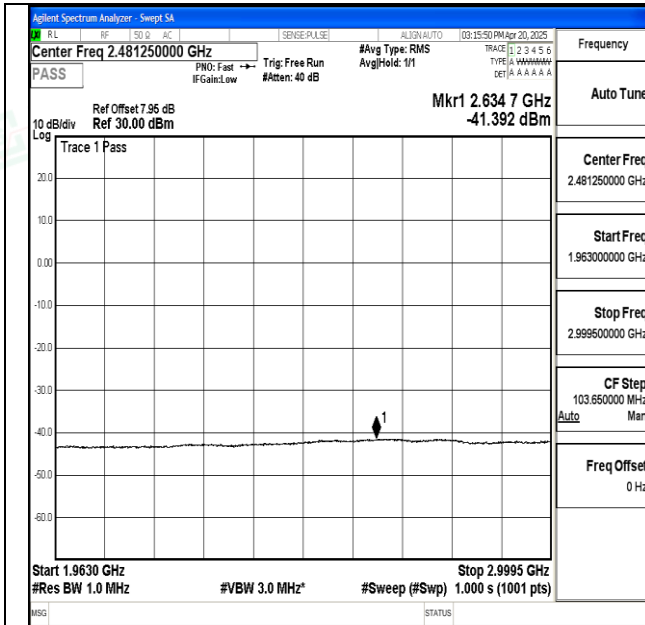


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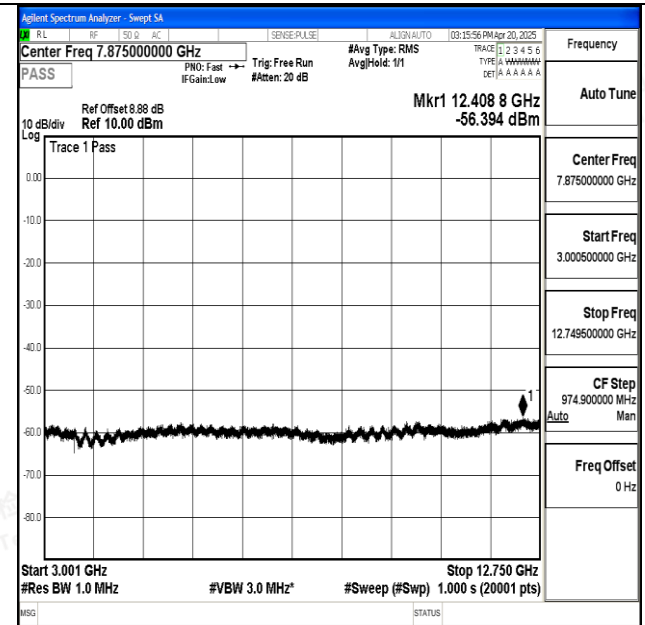
Add: Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China

Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

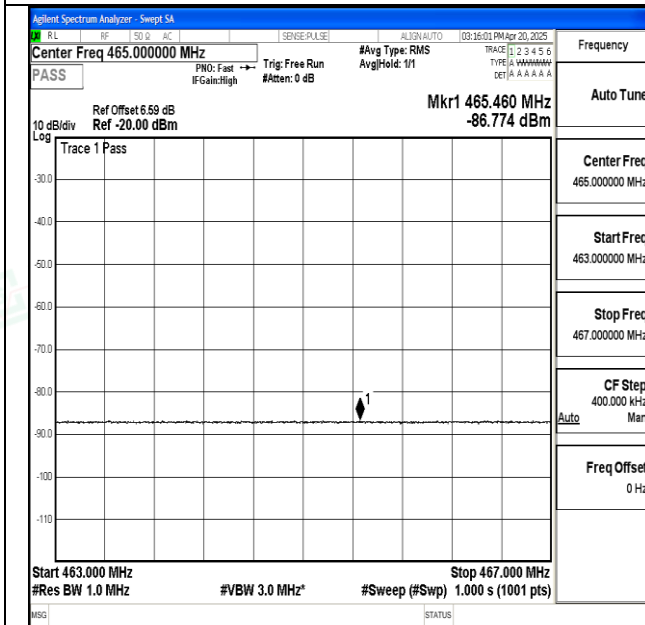
Scan code to check authenticity



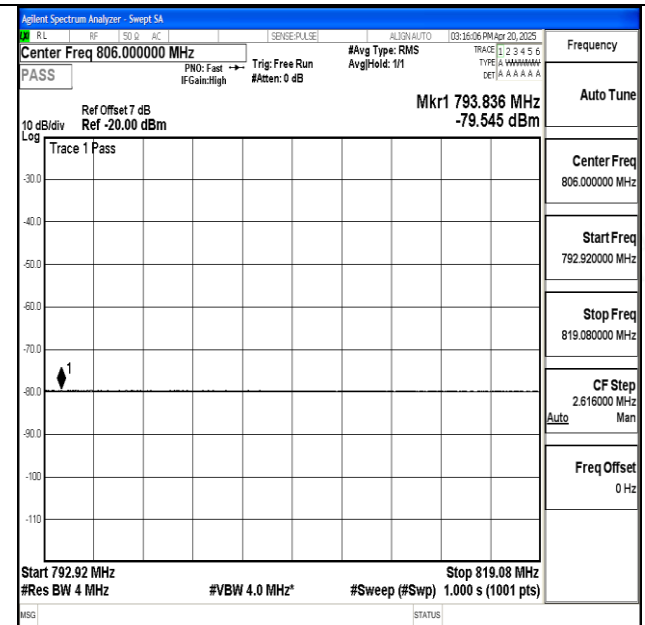
1.963GHz~2.9995GHz



3.001GHz~12.75GHz

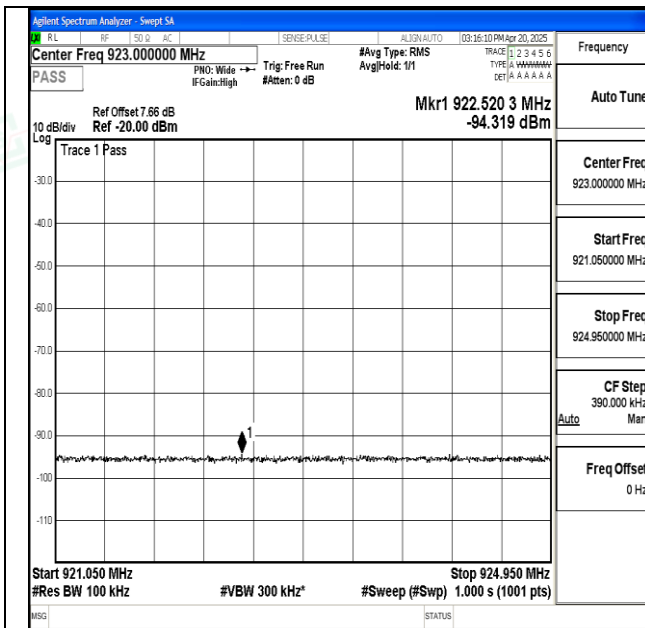


463MHz~467MHz

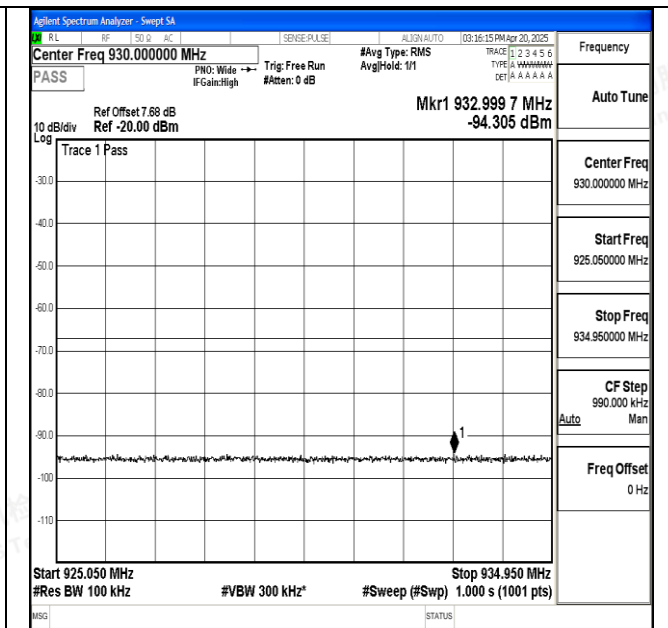


792.92MHz~819.08MHz

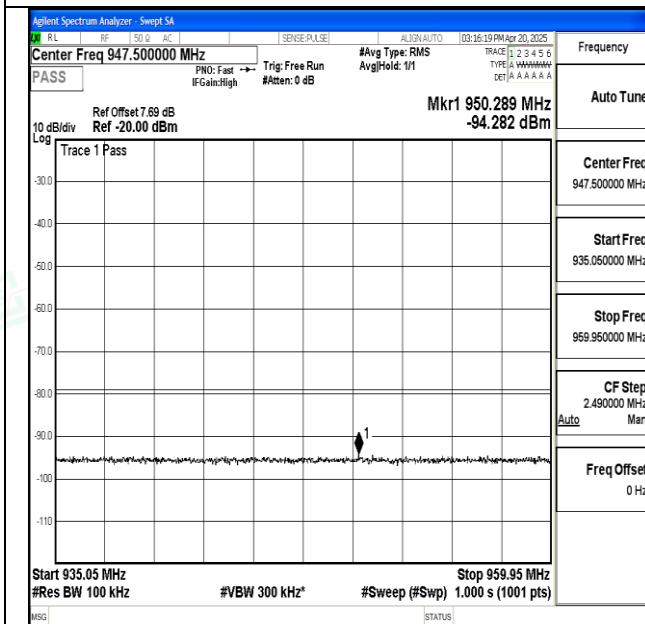




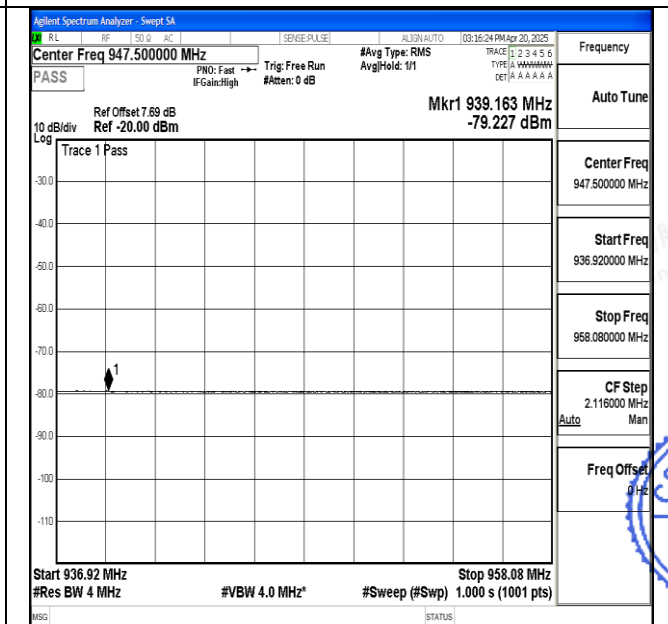
921.05MHz~924.95MHz



925.05MHz~934.95MHz

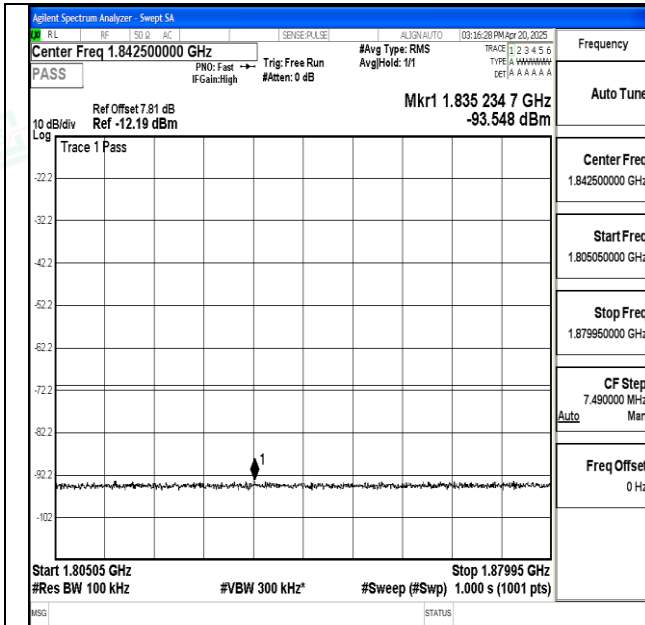


935.05MHz~959.95MHz

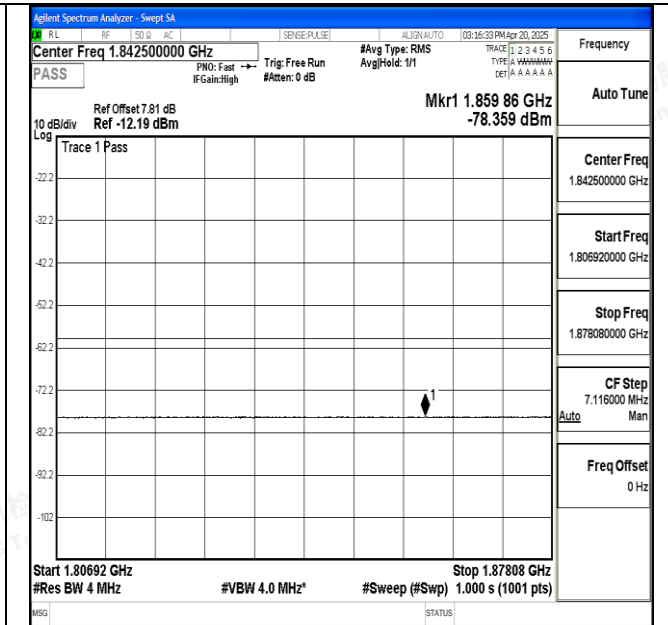


936.92MHz~958.08MHz

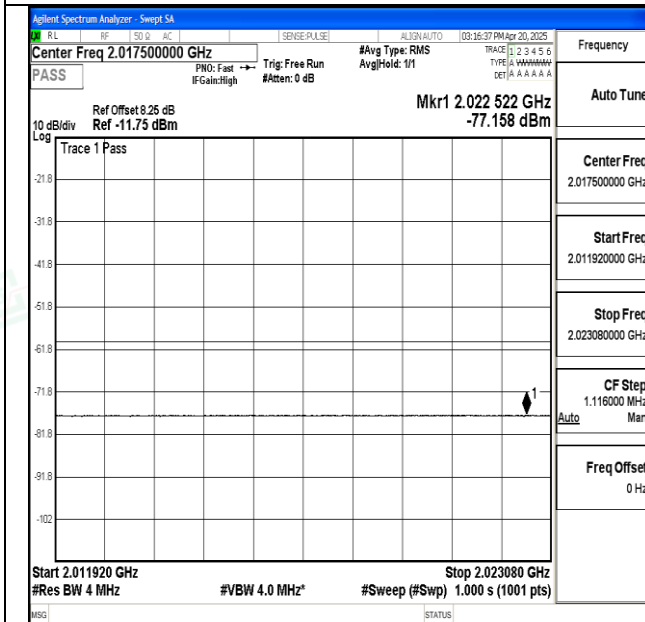




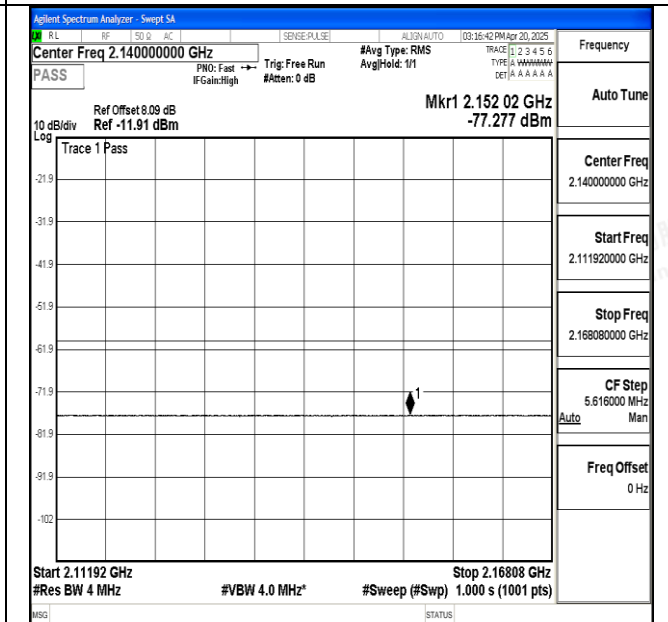
1.80505GHz~1.87995GHz



1.80692GHz~1.87808GHz

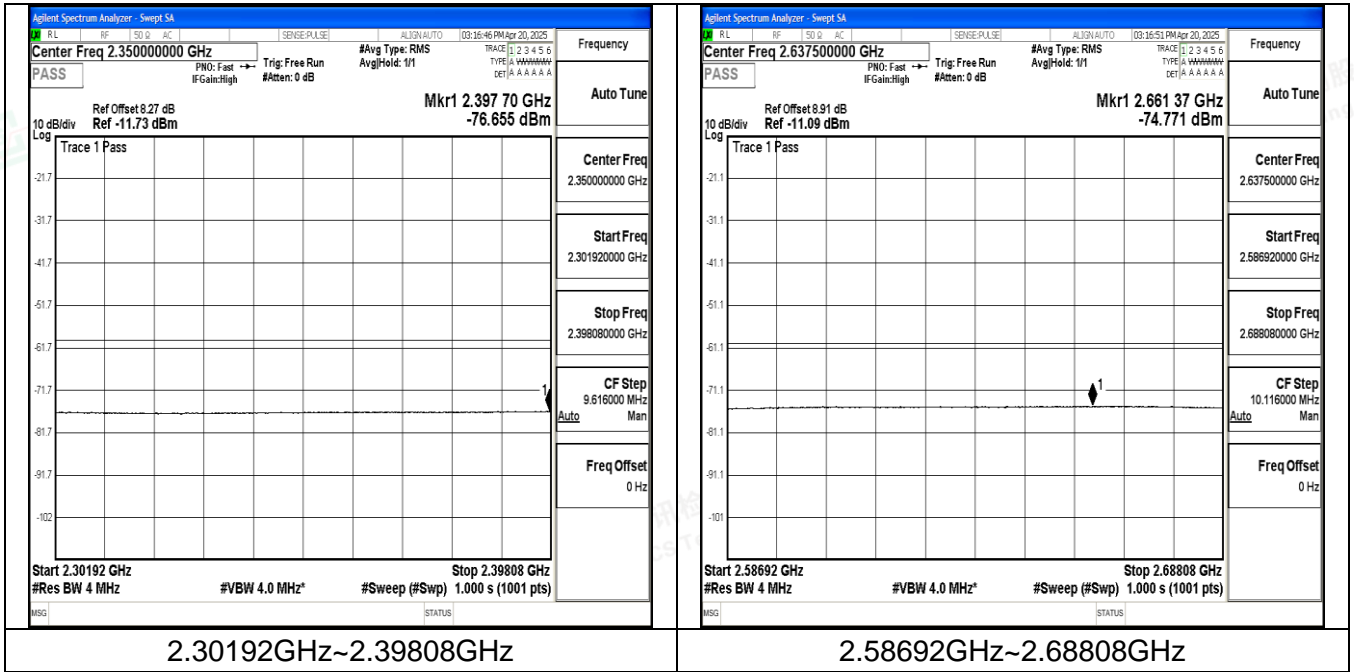


2.01192GHz~2.02308GHz



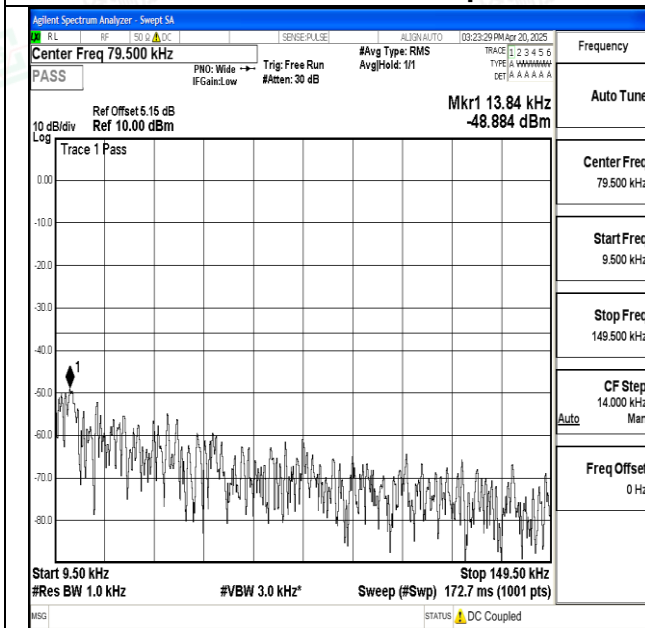
2.11192GHz~2.16808GHz



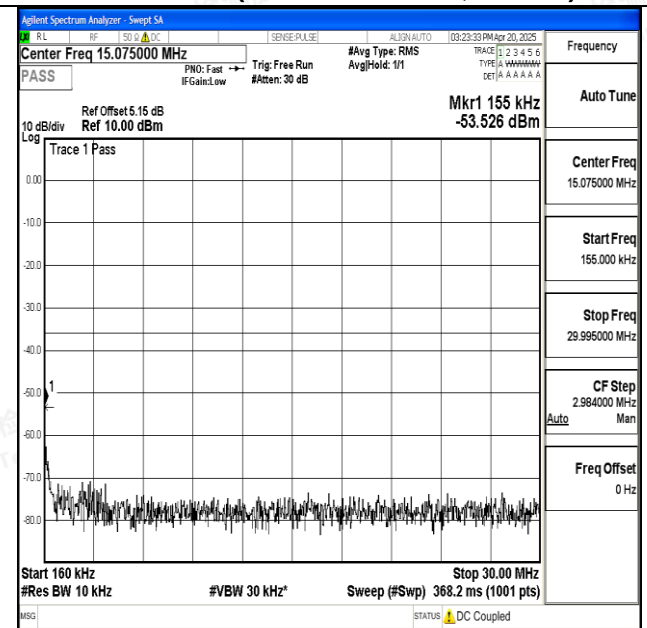




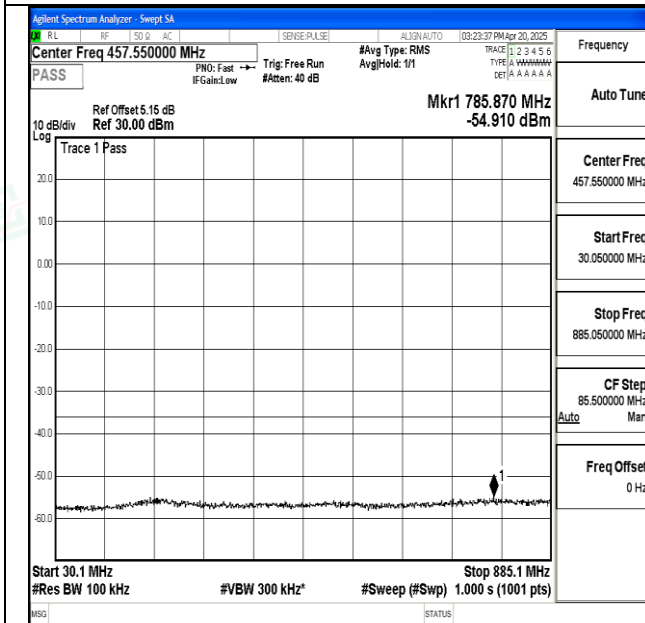
### The Worst Test Result of Spurious Emissions for Band VIII (Middle Channel, Traffic)



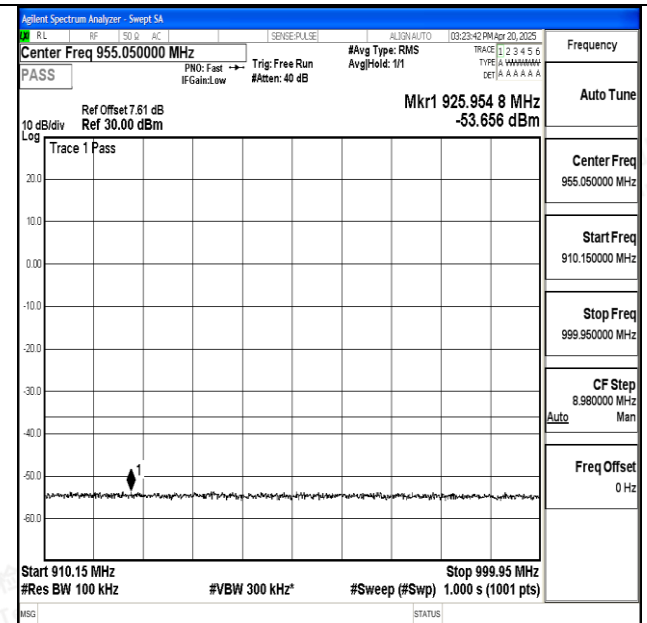
9.5KHz~149.5KHz



160KHz~30MHz



30.1MHz~885.1MHz



910.15MHz~999.95MHz

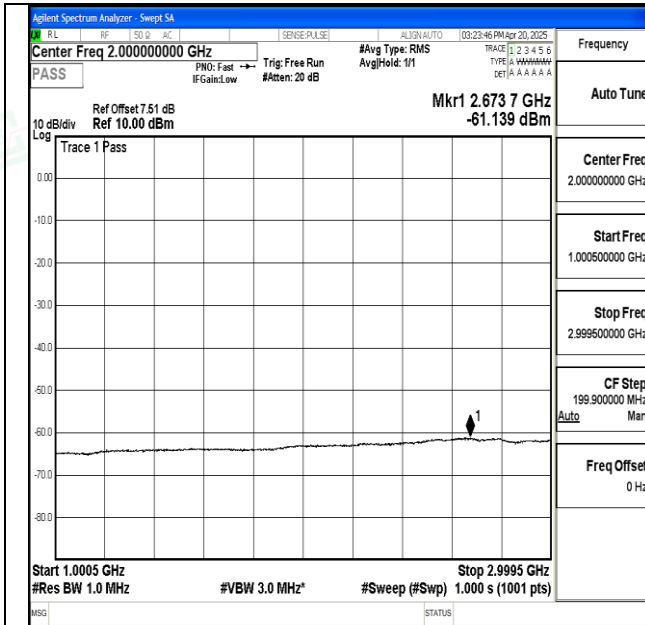


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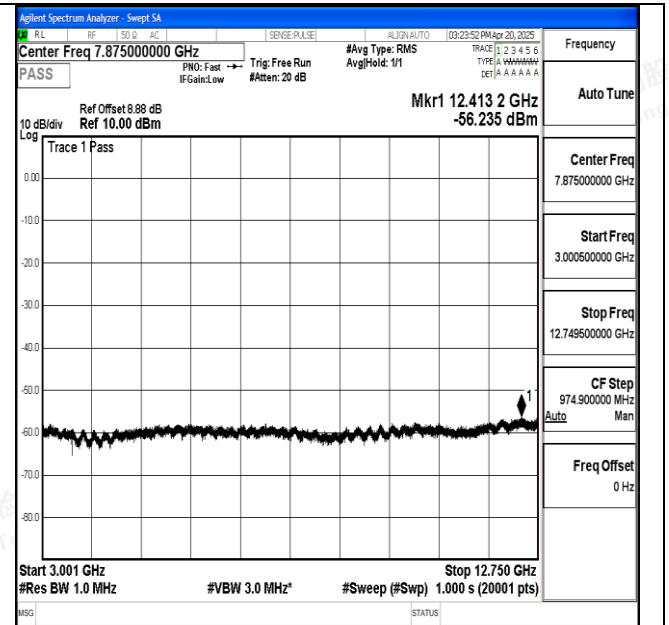
Add: Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China

Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

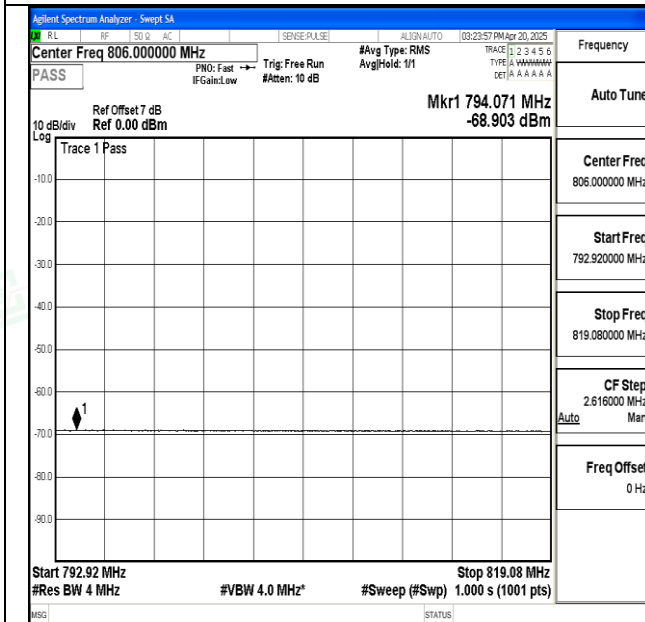
Scan code to check authenticity



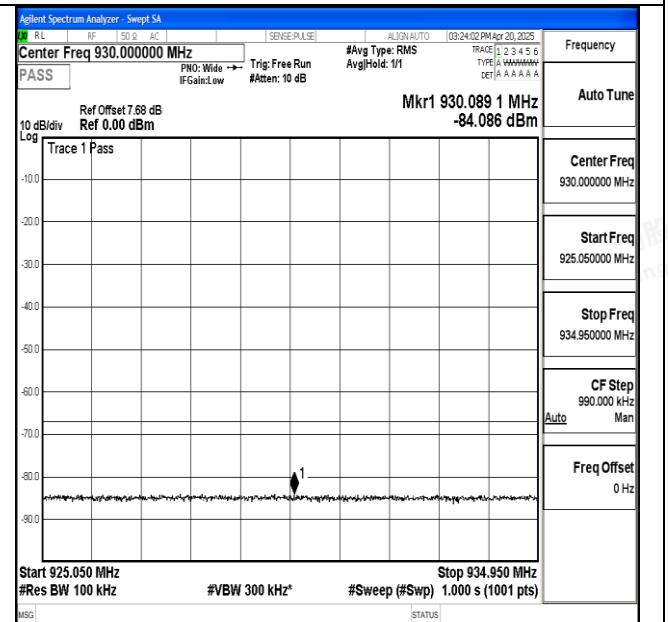
1.0005GHz~2.9995GHz



3.001GHz~12.75GHz

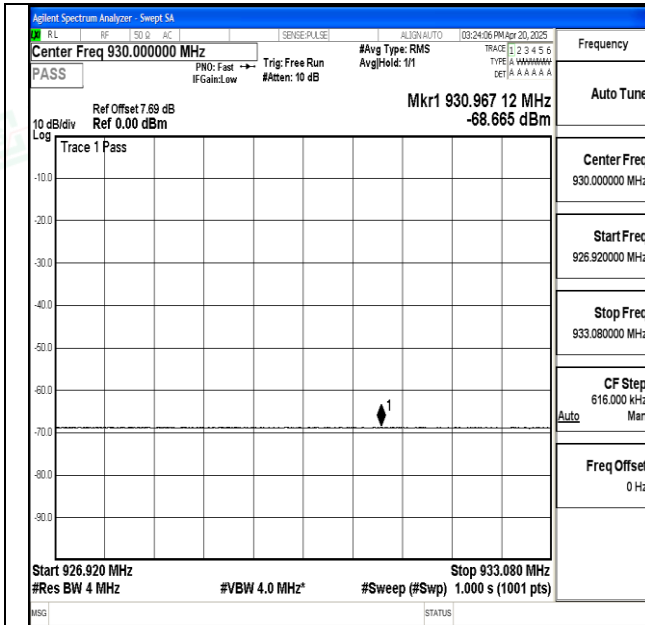


792.92MHz~819.08MHz

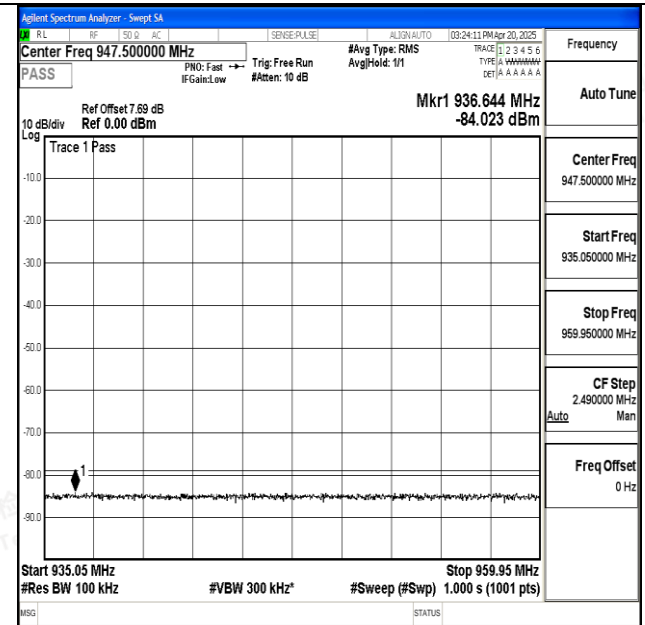


925.05MHz~934.95MHz

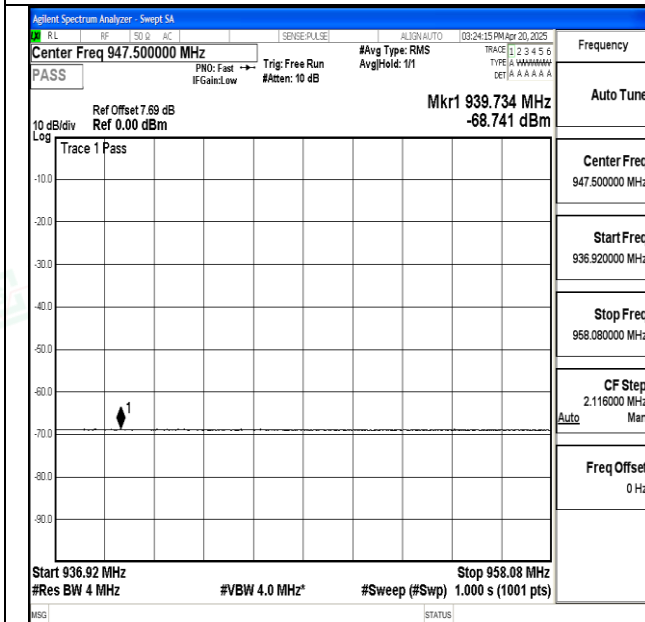




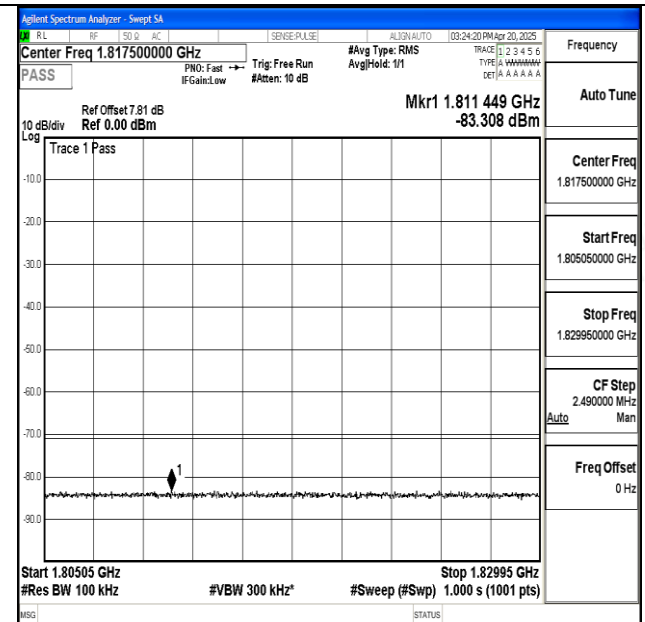
926.92MHz~933.08MHz



935.05MHz~959.95MHz

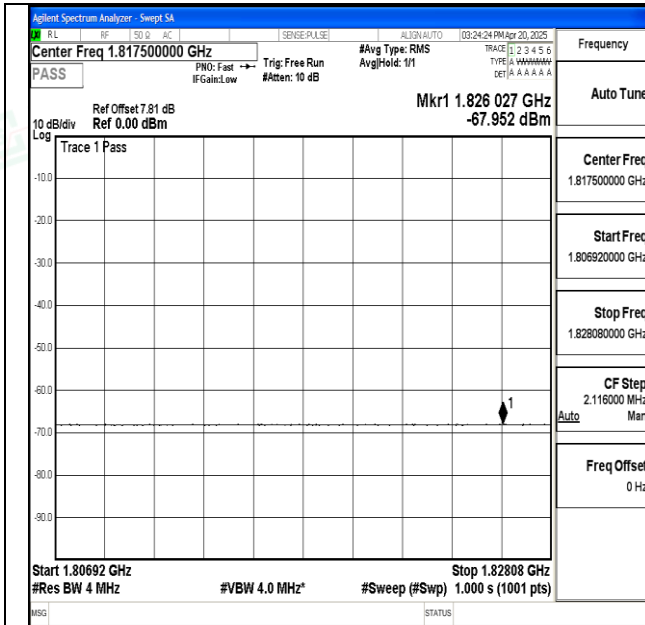


936.92MHz~959.08MHz

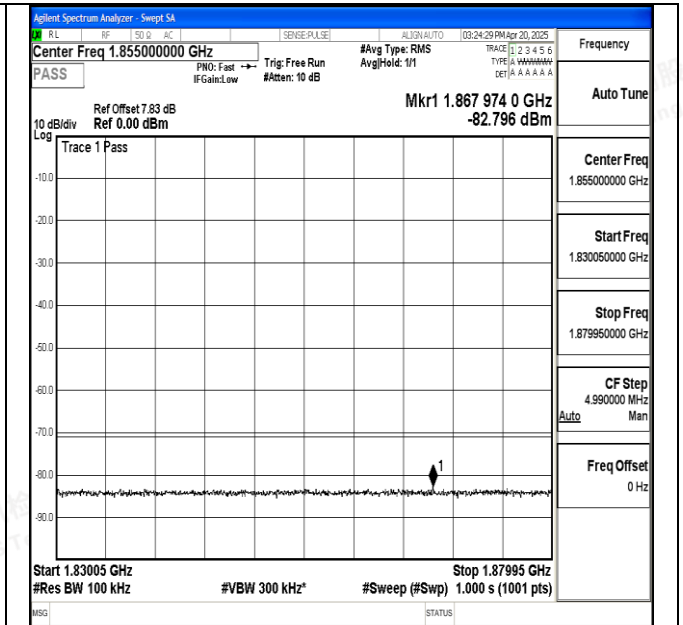


1.80505GHz~1.82995GHz

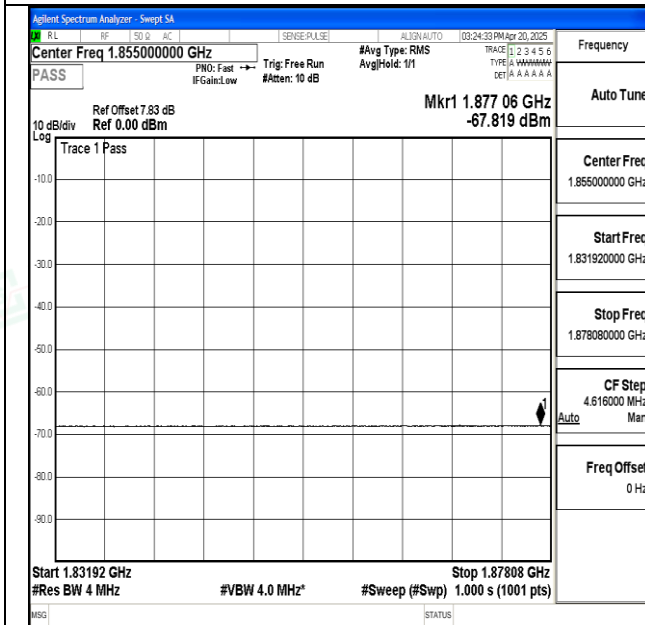




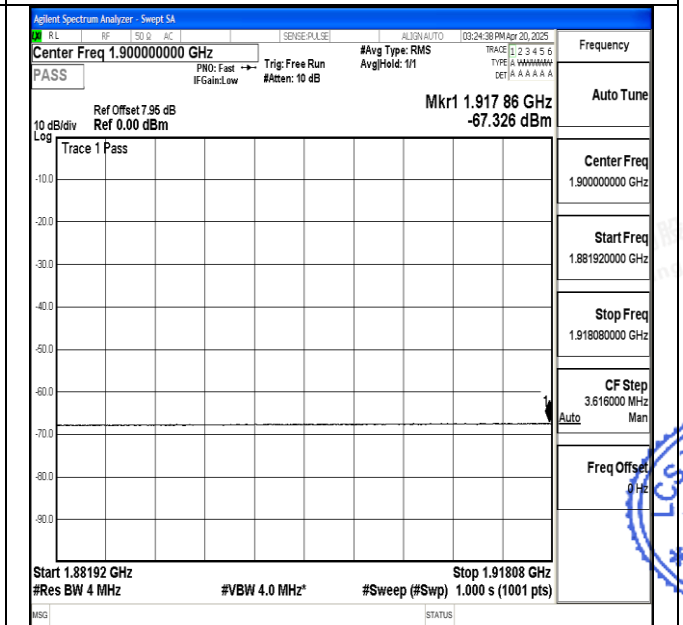
1.80692GHz~1.82808GHz



1.83005GHz~1.87995GHz

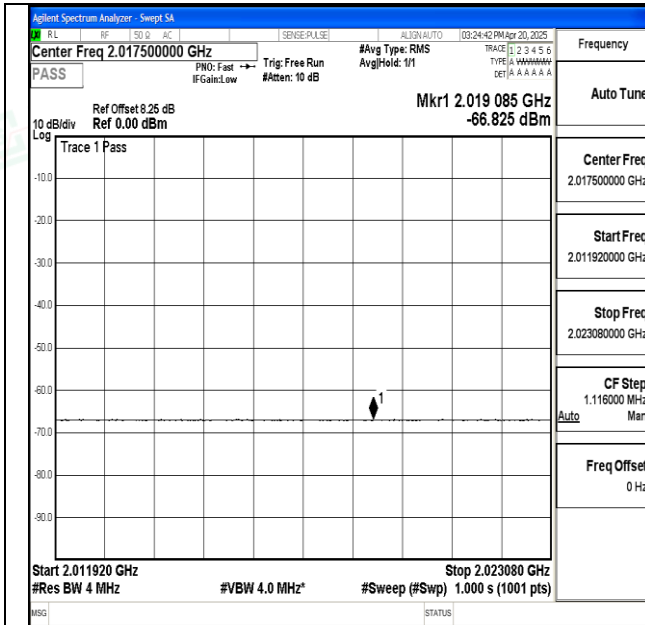


1.83192GHz~1.87808GHz

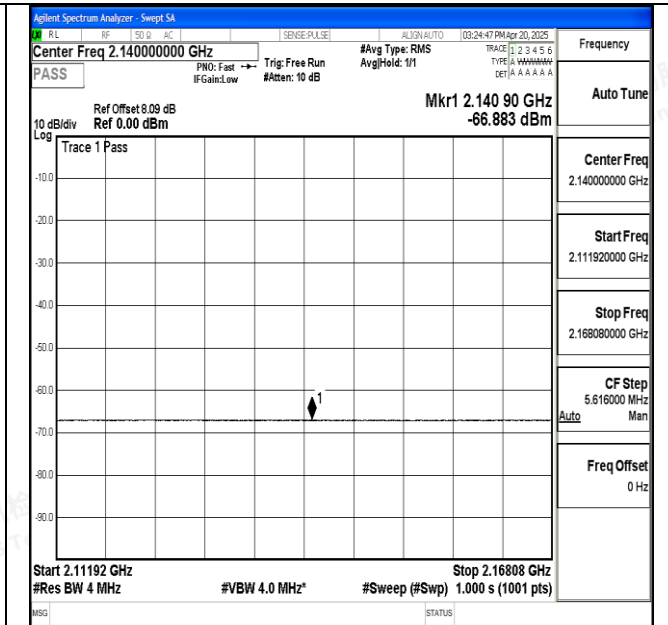


1.88192GHz~1.91808GHz

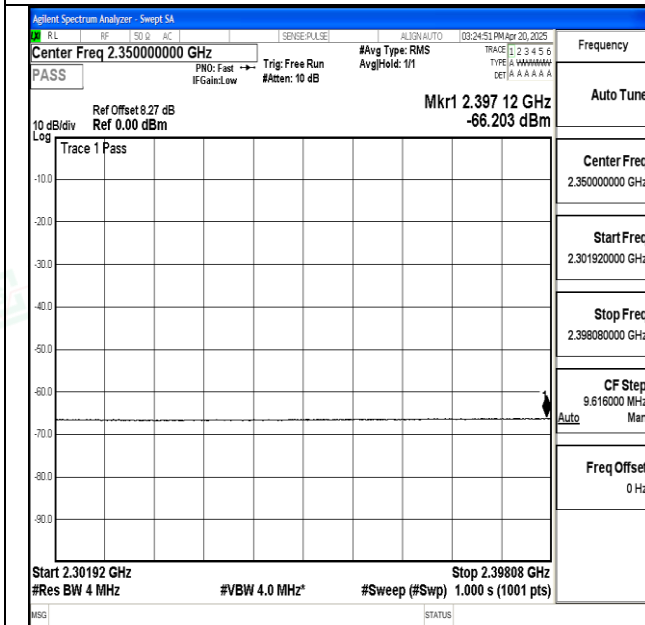




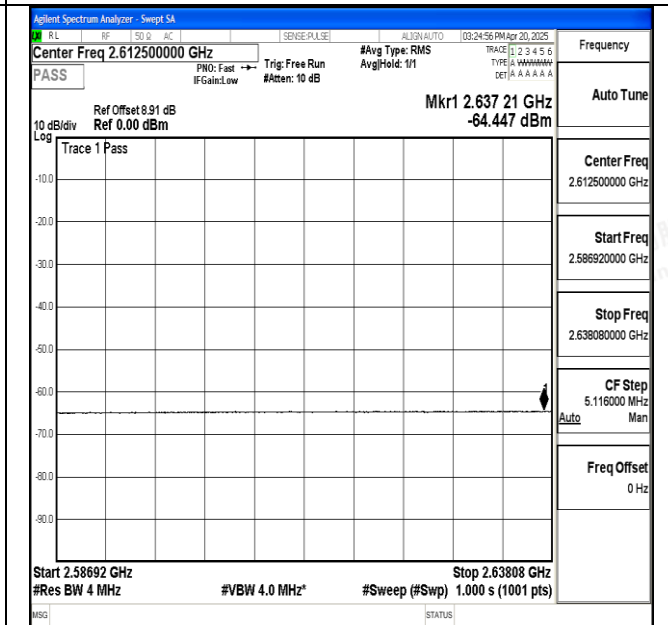
2.01192GHz~2.02308GHz



2.11192GHz~2.16808GHz

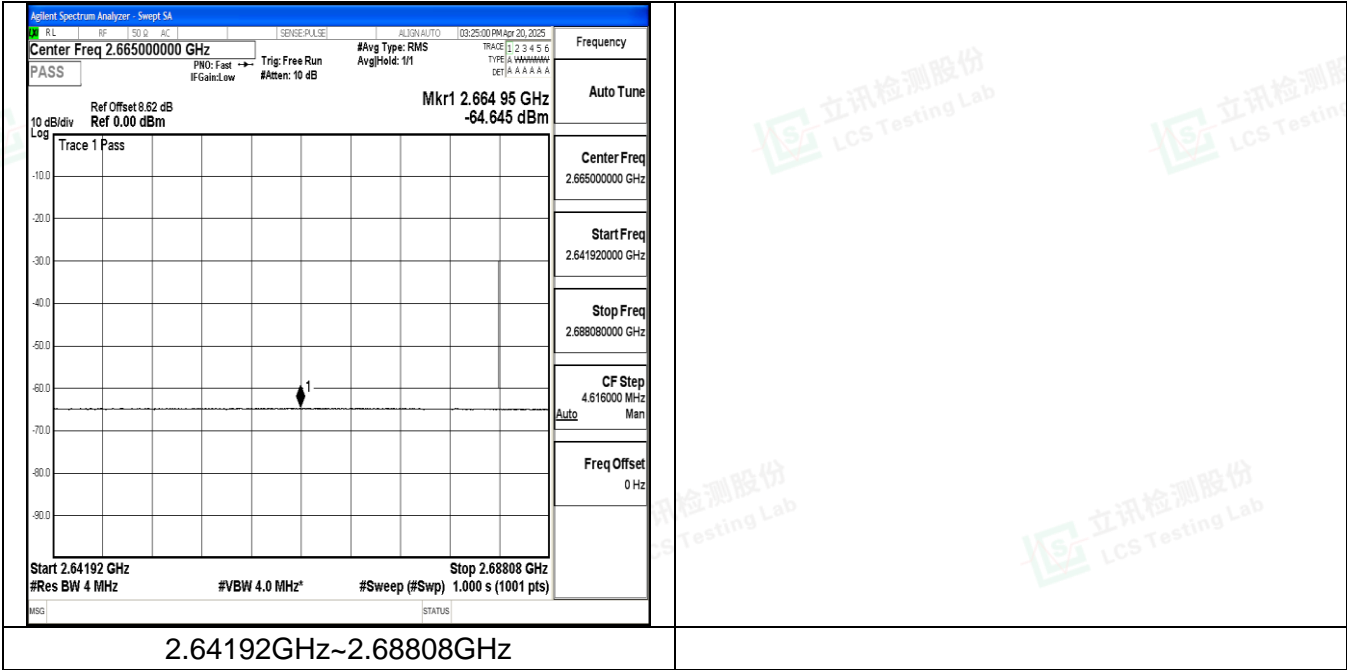


2.30192GHz~2.39808GHz



2.58692GHz~2.63808GHz







## Transmitter spurious emissions

### Radiated spurious emissions - MS allocated a channel(Worst Case)

WCDMA Band I: Middle Channel, Normal condition				
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
57.50	Horizontal	-76.39	-36.00	Pass
953.48	H	-74.86	-36.00	
3821.70	H	-60.96	-30.00	
5731.07	H	-53.68	-30.00	
7641.83	H	-54.82	-30.00	
WCDMA Band I: Middle Channel, Normal condition				
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
58.83	Vertical	-80.04	-36.00	Pass
754.55	V	-80.15	-36.00	
3823.78	V	-68.78	-30.00	
5732.94	V	-54.30	-30.00	
7642.35	V	-57.54	-30.00	

WCDMA Band VIII: Middle Channel, Normal condition				
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
50.23	Horizontal	-73.72	-36.00	Pass
890.03	H	-72.14	-36.00	
1283.97	H	-66.05	-30.00	
2584.18	H	-52.90	-30.00	
3502.34	H	-56.37	-30.00	
WCDMA Band VIII: Middle Channel, Normal condition				
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
59.26	Vertical	-76.23	-36.00	Pass
930.71	V	-76.56	-36.00	
1281.62	V	-65.09	-30.00	
2580.22	V	-58.25	-30.00	
3502.51	V	-56.09	-30.00	





## Radiated spurious emissions - MS in Idle Mode(Worst Case)

WCDMA Band I: Middle Channel, Normal condition				
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
51.85	Horizontal	-79.33	-57.00	Pass
704.14	H	-70.57	-57.00	
1790.59	H	-69.13	-47.00	
2700.77	H	-50.26	-47.00	
3612.28	H	-58.35	-47.00	
WCDMA Band I: Middle Channel, Normal condition				
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
52.95	Vertical	-71.67	-57.00	Pass
748.21	V	-70.02	-57.00	
1792.75	V	-61.29	-47.00	
2710.33	V	-56.35	-47.00	
3618.42	V	-55.41	-47.00	

WCDMA Band VIII: Middle Channel, Normal condition				
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
55.60	Horizontal	-78.89	-57.00	Pass
704.69	H	-73.04	-57.00	
1690.96	H	-67.38	-47.00	
2676.78	H	-53.88	-47.00	
3244.70	H	-58.58	-47.00	
WCDMA Band VIII: Middle Channel, Normal condition				
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
55.04	Vertical	-78.90	-57.00	Pass
929.58	V	-76.95	-57.00	
1692.23	V	-68.02	-47.00	
2679.52	V	-53.74	-47.00	
3240.37	V	-51.60	-47.00	

-----THE END OF REPORT-----

