

JAPAN SPECIFIED RADIO EQUIPMENT

TEST REPORT

For

COREXOM

Trade Name: Coretronic Reality Inc.

Model: I9074L

Issued to

Coretronic Reality Inc.

No. 5, Wenhua Rd., Fengshan Vil., Hukou Township, Hsinchu County 303035, Taiwan
(R.O.C.)

Issued by

Compliance Certification Services Inc.

Wugu Laboratory

No.11, Wugong 6th Rd., Wugu Dist.,
New Taipei City, Taiwan

Issued Date: March 5, 2026

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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Revision History

Rev.	Issue Date	Revisions	Effect Page	Revised By
00	March 5, 2026	Initial Issue	ALL	Peggy Tsai

TABLE OF CONTENTS

1. TEST RESULT CERTIFICATION	4
2. SUMMARY OF TEST RESULTS	6
2.1 WLAN IEEE 802.11B (CH1~CH13)	6
2.2 WLAN IEEE 802.11G (CH1~CH13)	7
2.3 WLAN IEEE 802.11N HT20 / AC VHT20 (CH1~CH13)	8
2.4 WLAN IEEE 802.11N HT40 / AC VHT40 (CH3~CH11)	9
2.5 WLAN IEEE 802.11AX HE20 (CH1~CH13)	10
2.6 WLAN IEEE 802.11AX HE40 (CH3~CH11)	11
3. EUT DESCRIPTION	12
4. TEST METHODOLOGY & CONDITIONS	14
4.1 TEST CONDITIONS	14
4.2 DESCRIPTION OF TEST MODES	21
4.3 TESTING APPLIED STANDARDS	21
4.4 RF SHIELDING METHOD	22
4.5 SETUP OF EQUIPMENT UNDER TEST	22
5. INSTRUMENT AND CALIBRATION	23
5.1 MEASURING INSTRUMENT CALIBRATION	23
5.2 TEST AND MEASUREMENT EQUIPMENT	23
5.3 MEASUREMENT UNCERTAINTY	24
6. TEST RESULT FOR IEEE 802.11B (CH1~CH13)	25
6.1 FREQUENCY ERROR	25
6.2 RF OUTPUT POWER	30
6.3 UNWANTED EMISSION STRENGTH	38
6.4 OCCUPIED BANDWIDTH (99%)	55
6.5 LIMITATION OF COLLATERAL EMISSIONS OF RECEIVER	59
6.6 CARRIER SENSE CAPABILITY	67
7. INTERFERENCE PREVENTION FUNCTION	69
APPENDIX 1 - PHOTOGRAPHS OF TEST SETUP	A-1

1. TEST RESULT CERTIFICATION

Applicant: Coretronic Reality Inc.
No. 5, Wenhua Rd., Fengshan Vil., Hukou Township,
Hsinchu County 303035, Taiwan (R.O.C.)

Manufacturer: Coretronic Reality Inc.
No. 5, Wenhua Rd., Fengshan Vil., Hukou Township,
Hsinchu County 303035, Taiwan (R.O.C.)

Equipment Under Test: COREXOM

Trade Name: Coretronic Reality Inc.

Model Number: I9074L

Detailed EUT Description: See Item 3 of this report

EUT Receive Date: January 19, 2026

Date of Test: January 20 ~ 30, 2026

APPLICABLE STANDARDS	
CLASSIFICATION	TEST RESULT
Article 2-1-19	Compliance
Statements of Conformity	
Determination of compliance is based on the results of the compliance measurement, not taking into account measurement instrumentation uncertainty.	

The above equipment was tested by Compliance Certification Services Inc. for compliance with the requirements set forth in Article 2-1-19. The results of testing in this report apply only to the product/system, which was tested. Other similar equipment will not necessarily produce the same results due to production tolerance and measurement uncertainties.

Measurement was conducted by the following test method: the test method of Ordinance Concerning Technical Regulations Conformity Certification etc. of Specified Radio Equipment in Annex 1, the Ministry of Internal Affairs and Communication notification in Annex 43 of Article 88, the Paragraph 1 test method more than equivalent.

Approved by:



Shawn Wu
Supervisor

2. SUMMARY OF TEST RESULTS

2.1 WLAN IEEE 802.11b (CH1~CH13)

APPLIED STANDARD: Article 2-1-19			
Standard Section	Report Section	Test Type and Limit	Test Result
General provisions			
5	6.1	Frequency Tolerance	PASS
6	6.4	Occupied Bandwidth	PASS
7	6.3	Unwanted Emission Strength	PASS
Transmitting equipment			
14	6.2	RF Out Power	PASS
14.2	-	SAR	-
Transmitting antenna			
20	3	Type, Configuration, etc., of Transmitting Antenna	PASS
22	-	Direction Pattern of Transmitting Antenna (Provided at Individual Antenna Report)	PASS
Receiving antenna			
24	6.5	Limitation of Collateral Emission of Receiver	PASS
26	3	Refer to All Articles for Transmitting Antenna	PASS
Operating frequency 2412-2472MHz			
49.20(1);a	4.4	RF Shielding Method	PASS
49.20(1);a	-	Communication Method	-
49.20(1);b	3	Spread-spectrum Method	PASS
49.20(1);c	6.2	RF Out Power	PASS
49.20(1);d	-	Absolute Antenna Gain (Provided at Individual Antenna Report)	PASS
49.20(1);e	-	Spread-Spectrum Bandwidth	-
49.20(1);f	-	Spreading Factor	-
49.20(1);g	-	Hopping Frequency Dwell Time (FH employed)	-
-	7	Interference Prevention Function	PASS

2.2 WLAN IEEE 802.11g (CH1~CH13)

APPLIED STANDARD: Article 2-1-19			
Standard Section	Report Section	Test Type and Limit	Test Result
General provisions			
5	6.1	Frequency Tolerance	PASS
6	6.4	Occupied Bandwidth	PASS
7	6.3	Unwanted Emission Strength	PASS
Transmitting equipment			
14	6.2	RF Out Power	PASS
14.2	-	SAR	-
Transmitting antenna			
20	3	Type, Configuration, etc., of Transmitting Antenna	PASS
22	-	Direction Pattern of Transmitting Antenna (Provided at Individual Antenna Report)	PASS
Receiving antenna			
24	6.5	Limitation of Collateral Emission of Receiver	PASS
26	3	Refer to All Articles for Transmitting Antenna	PASS
Operating frequency 2412-2472MHz			
49.20(1);a	4.4	RF Shielding Method	PASS
49.20(1);a	-	Communication Method	-
49.20(1);b	3	Spread-spectrum Method	PASS
49.20(1);c	6.2	RF Out Power	PASS
49.20(1);d	-	Absolute Antenna Gain (Provided at Individual Antenna Report)	PASS
49.20(1);e	-	Spread-Spectrum Bandwidth	-
49.20(1);f	-	Spreading Factor	-
49.20(1);g	-	Hopping Frequency Dwell Time (FH employed)	-
-	7	Interference Prevention Function	PASS

2.3 WLAN IEEE 802.11n HT20 / ac VHT20 (CH1~CH13)

APPLIED STANDARD: Article 2-1-19			
Standard Section	Report Section	Test Type and Limit	Test Result
General provisions			
5	6.1	Frequency Tolerance	PASS
6	6.4	Occupied Bandwidth	PASS
7	6.3	Unwanted Emission Strength	PASS
Transmitting equipment			
14	6.2	RF Out Power	PASS
14.2	-	SAR	-
Transmitting antenna			
20	3	Type, Configuration, etc., of Transmitting Antenna	PASS
22	-	Direction Pattern of Transmitting Antenna (Provided at Individual Antenna Report)	PASS
Receiving antenna			
24	6.5	Limitation of Collateral Emission of Receiver	PASS
26	3	Refer to All Articles for Transmitting Antenna	PASS
Operating frequency 2412-2472MHz			
49.20(1);a	4.4	RF Shielding Method	PASS
49.20(1);a	-	Communication Method	-
49.20(1);b	3	Spread-spectrum Method	PASS
49.20(1);c	6.2	RF Out Power	PASS
49.20(1);d	-	Absolute Antenna Gain (Provided at Individual Antenna Report)	PASS
49.20(1);e	-	Spread-Spectrum Bandwidth	-
49.20(1);f	-	Spreading Factor	-
49.20(1);g	-	Hopping Frequency Dwell Time (FH employed)	-
-	7	Interference Prevention Function	PASS

2.4 WLAN IEEE 802.11n HT40 / ac VHT40 (CH3~CH11)

APPLIED STANDARD: Article 2-1-19			
Standard Section	Report Section	Test Type and Limit	Test Result
General provisions			
5	6.1	Frequency Tolerance	PASS
6	6.4	Occupied Bandwidth	PASS
7	6.3	Unwanted Emission Strength	PASS
Transmitting equipment			
14	6.2	RF Out Power	PASS
14.2	-	SAR	-
Transmitting antenna			
20	3	Type, Configuration, etc., of Transmitting Antenna	PASS
22	-	Direction Pattern of Transmitting Antenna (Provided at Individual Antenna Report)	PASS
Receiving antenna			
24	6.5	Limitation of Collateral Emission of Receiver	PASS
26	3	Refer to All Articles for Transmitting Antenna	PASS
Operating frequency 2422-2462MHz			
49.20(1);a	4.4	RF Shielding Method	PASS
49.20(1);a	-	Communication Method	-
49.20(1);b	3	Spread-spectrum Method	PASS
49.20(1);c	6.2	RF Out Power	PASS
49.20(1);d	-	Absolute Antenna Gain (Provided at Individual Antenna Report)	PASS
49.20(1);e	-	Spread-Spectrum Bandwidth	-
49.20(1);f	-	Spreading Factor	-
49.20(1);g	-	Hopping Frequency Dwell Time (FH employed)	-
	6.6	Carrier Sense Capability	PASS
-	7	Interference Prevention Function	PASS

2.5 WLAN IEEE 802.11ax HE20 (CH1~CH13)

APPLIED STANDARD: Article 2-1-19			
Standard Section	Report Section	Test Type and Limit	Test Result
General provisions			
5	6.1	Frequency Tolerance	PASS
6	6.4	Occupied Bandwidth	PASS
7	6.3	Unwanted Emission Strength	PASS
Transmitting equipment			
14	6.2	RF Out Power	PASS
14.2	-	SAR	-
Transmitting antenna			
20	3	Type, Configuration, etc., of Transmitting Antenna	PASS
22	-	Direction Pattern of Transmitting Antenna (Provided at Individual Antenna Report)	PASS
Receiving antenna			
24	6.5	Limitation of Collateral Emission of Receiver	PASS
26	3	Refer to All Articles for Transmitting Antenna	PASS
Operating frequency 2412-2472MHz			
49.20(1);a	4.4	RF Shielding Method	PASS
49.20(1);a	-	Communication Method	-
49.20(1);b	3	Spread-spectrum Method	PASS
49.20(1);c	6.2	RF Out Power	PASS
49.20(1);d	-	Absolute Antenna Gain (Provided at Individual Antenna Report)	PASS
49.20(1);e	-	Spread-Spectrum Bandwidth	-
49.20(1);f	-	Spreading Factor	-
49.20(1);g	-	Hopping Frequency Dwell Time (FH employed)	-
-	7	Interference Prevention Function	PASS

2.6 WLAN IEEE 802.11ax HE40 (CH3~CH11)

APPLIED STANDARD: Article 2-1-19			
Standard Section	Report Section	Test Type and Limit	Test Result
General provisions			
5	6.1	Frequency Tolerance	PASS
6	6.4	Occupied Bandwidth	PASS
7	6.3	Unwanted Emission Strength	PASS
Transmitting equipment			
14	6.2	RF Out Power	PASS
14.2	-	SAR	-
Transmitting antenna			
20	3	Type, Configuration, etc., of Transmitting Antenna	PASS
22	-	Direction Pattern of Transmitting Antenna (Provided at Individual Antenna Report)	PASS
Receiving antenna			
24	6.5	Limitation of Collateral Emission of Receiver	PASS
26	3	Refer to All Articles for Transmitting Antenna	PASS
Operating frequency 2422-2462MHz			
49.20(1);a	4.4	RF Shielding Method	PASS
49.20(1);a	-	Communication Method	-
49.20(1);b	3	Spread-spectrum Method	PASS
49.20(1);c	6.2	RF Out Power	PASS
49.20(1);d	-	Absolute Antenna Gain (Provided at Individual Antenna Report)	PASS
49.20(1);e	-	Spread-Spectrum Bandwidth	-
49.20(1);f	-	Spreading Factor	-
49.20(1);g	-	Hopping Frequency Dwell Time (FH employed)	-
	6.6	Carrier Sense Capability	PASS
-	7	Interference Prevention Function	PASS

3. EUT DESCRIPTION

Product	COREXOM		
Model Number	I9074L		
Trade Name	Coretronic Reality Inc.		
Power Supply	Power from power supply. (DC 12V)		
Model Discrepancy	N/A		
Frequency Range	IEEE 802.11b (CH1~13): 2412~2472MHz IEEE 802.11g (CH1~13): 2412~2472MHz IEEE 802.11n HT20 / ac VHT20 (CH1~13): 2412~2472MHz IEEE 802.11n HT40 / ac VHT40 (CH3~11): 2422~2462MHz IEEE 802.11ax HE20 (CH1~13): 2412~2472MHz IEEE 802.11ax HE40 (CH3~11): 2422~2462MHz		
Rated Antenna Power (mW/MHz)	IEEE 802.11b (CH1~13):	4.458	mW/MHz
	IEEE 802.11g (CH1~13)	4.553	mW/MHz
	IEEE 802.11n HT20 / ac VHT20 (CH1~13)	3.940	mW/MHz
	IEEE 802.11n HT40 / ac VHT40 (CH3~11)	1.991	mW/MHz
	IEEE 802.11ax HE20 (CH1~13)	4.182	mW/MHz
	IEEE 802.11ax HE40 (CH3~11)	2.113	mW/MHz
Measured Antenna Power (mW/MHz)	IEEE 802.11b (CH1~13):	4.458	mW/MHz
	IEEE 802.11g (CH1~13)	4.553	mW/MHz
	IEEE 802.11n HT20 / ac VHT20 (CH1~13)	3.940	mW/MHz
	IEEE 802.11n HT40 / ac VHT40 (CH3~11)	1.991	mW/MHz
	IEEE 802.11ax HE20 (CH1~13)	4.182	mW/MHz
	IEEE 802.11ax HE40 (CH3~11)	2.113	mW/MHz
Modulation Technique	IEEE 802.11b: DSSS (CCK, DQPSK, DBPSK)		
	IEEE 802.11g: OFDM (QPSK, BPSK, 16-QAM, 64-QAM)		
	IEEE 802.11n: OFDM (QPSK, BPSK, 16-QAM, 64-QAM)		
	IEEE 802.11ac: OFDM (QPSK, BPSK, 16-QAM, 64-QAM)		
	IEEE 802.11ax: OFDMA (QPSK, BPSK, 16-QAM, 64-QAM)		
Number of Channels	IEEE 802.11b (CH1~13): 13 channels		
	IEEE 802.11g / n HT20 / ac VHT20 / ax HE20 (CH1~13): 13 channels		
	IEEE 802.11n HT40 / ac VHT40 / ax HE40 (CH3~11): 9 channels		

Antenna Specification	Antenna-1: Type: Dipole Antenna Model: ARS-NT5B Gain: 5 dBi $\pm$ 0.5 dBi Antenna-2: Type: Dipole Antenna Model: CIR22-440330-V0 1-L65mm Gain: 2Bi
Hardware Version	MP
Software Version	2.0.0

Remark:

1. For more details, please refer to the User's manual of the EUT.
2. Disclaimer: Antenna information is provided by the applicant, test results of this report are applicable to the sample EUT received.

4. TEST METHODOLOGY & CONDITIONS

4.1 TEST CONDITIONS

Temperature: 21.5 ~ 24.7°C
Humidity: 50 ~ 62% RHTest date: January 20 ~ 27, 2026
Tested by: Marco Chan

Voltage Fluctuation Test	Normal Voltage	High Voltage + 10% of Normal Voltage	Low Voltage - 10% of Normal Voltage
Input DC Power	12	13.2	10.8
Output DC Power	0.9	0.9	0.9
Voltage Variation (%)	0	0	0
Voltage Regulator IC: MP5496			
Note: Voltage Variation (%) = (Output High or Low Voltage - Output Normal Voltage)/Output Normal Voltage X 100			
During the input supply voltage to the EUT from the external power source is varied by +/- 10%, if output voltage had been confirmed that the fluctuation of power supply to the RF circuit of EUT (excluding power source) is equal to or less than +/- 1%. Exempt extremely high and low supply voltage condition tests, EUT only operated in normal voltage to test all regulations.			

Test Category	2.4GHz Band Wideband Low-Power Data Communication System				
	802.11b 20MHz System (2TX 2RX)				

	unit	-----	-----	Limit	Result
Ambient Temperature	°C	21.5~24.7		≥ 5 ≤ 35	PASS
Relative Humidity	%	50~62		≥ 45 ≤ 85	PASS
Input Power Voltage	VDC	12		-----	-----
The reason why the tests are performed only at rated voltage:	When the input voltage to receiver RF circuit varies below $\pm 1\%$ as the input voltage from the external power supply to the receiver varies $\pm 10\%$ (excluding power				
On Time (Burst wave)	msec	0.69		-----	-----
Off Time (Burst wave)	msec	0.36		-----	-----
Ratio (Burst wave)	%	65.40		-----	-----

802.11b	unit	-----	-----	Limit	Result
Measurement Frequency	MHz	2412	2472	-----	-----
Channel Number	Ch.	1	13	-----	-----
Declaration Output Power	mW/MHz	4.458		≤ 10	PASS
	dBm/MHz	6.491		≤ 10	PASS
E.I.R.P.	dBm/MHz	11.88	11.99	< 12.14	PASS
Peak Antenna Gain (Chain0)	dBi	5.50		-----	-----
Peak Antenna Gain (Chain1)	dBi	5.50		-----	-----
Tested Circuit Insertion Loss (Chain0)	dB	7.70		-----	-----
Tested Circuit Insertion Loss (Chain1)	dB	7.70		-----	-----
Tested Circuit Insertion Loss (RX_Chain0)	dB	0.59		-----	-----
Tested Circuit Insertion Loss (RX_Chain1)	dB	0.59		-----	-----
Interference Prevention Function	-----	PASS	PASS	-----	PASS

Test Category	2.4GHz Band Wideband Low-Power Data Communication System				
	802.11g 20MHz System (2TX 2RX)				

	unit	-----	-----	Limit	Result
Ambient Temperature	℃	21.5~24.7		≥ 5 ≤ 35	PASS
Relative Humidity	%	50~62		≥ 45 ≤ 85	PASS
Input Power Voltage	VDC	12		-----	-----
The reason why the tests are performed only at rated voltage:	When the input voltage to receiver RF circuit varies below $\pm 1\%$ as the input voltage from the external power supply to the receiver varies $\pm 10\%$ (excluding power				
On Time (Burst wave)	msec	1.98		-----	-----
Off Time (Burst wave)	msec	0.13		-----	-----
Ratio (Burst wave)	%	93.65		-----	-----

802.11g	unit	-----	-----	Limit	Result
Measurement Frequency	MHz	2412	2472	-----	-----
Channel Number	Ch.	1	13	-----	-----
Declaration Output Power	mW/MHz	4.553		≤ 10	PASS
	dBm/MHz	6.58		≤ 10	PASS
E.I.R.P.	dBm/MHz	11.71	12.08	< 12.14	PASS
Peak Antenna Gain (Chain0)	dBi	5.50		-----	-----
Peak Antenna Gain (Chain1)	dBi	5.50		-----	-----
Tested Circuit Insertion Loss (Chain0)	dB	7.70		-----	-----
Tested Circuit Insertion Loss (Chain1)	dB	7.70		-----	-----
Tested Circuit Insertion Loss (RX_Chain0)	dB	0.59		-----	-----
Tested Circuit Insertion Loss (RX_Chain1)	dB	0.59		-----	-----
Interference Prevention Function	-----	PASS	PASS	-----	PASS

Test Category	2.4GHz Band Wideband Low-Power Data Communication System				
	802.11n 20MHz System (2TX 2RX)				

	unit	-----	-----	Limit	Result
Ambient Temperature	°C	21.5~24.7		≥ 5 ≤ 35	PASS
Relative Humidity	%	50~62		≥ 45 ≤ 85	PASS
Input Power Voltage	VDC	12		-----	-----
The reason why the tests are performed only at rated voltage:	When the input voltage to receiver RF circuit varies below $\pm 1\%$ as the input voltage from the external power supply to the receiver varies $\pm 10\%$ (excluding power				
On Time (Burst wave)	msec	5.43		-----	-----
Off Time (Burst wave)	msec	0.95		-----	-----
Ratio (Burst wave)	%	85.05		-----	-----

802.11n_20MHz	unit	-----	-----	Limit	Result
Measurement Frequency	MHz	2412	2472	-----	-----
Channel Number	Ch.	1	13	-----	-----
Declaration Output Power	mW/MHz	3.940		≤ 10	PASS
	dBm/MHz	5.955		≤ 10	PASS
E.I.R.P.	dBm/MHz	11.45	10.79	< 12.14	PASS
Peak Antenna Gain (Chain0)	dBi	5.50		-----	-----
Peak Antenna Gain (Chain1)	dBi	5.50		-----	-----
Tested Circuit Insertion Loss (Chain0)	dB	7.70		-----	-----
Tested Circuit Insertion Loss (Chain1)	dB	7.70		-----	-----
Tested Circuit Insertion Loss (RX_Chain0)	dB	0.59		-----	-----
Tested Circuit Insertion Loss (RX_Chain1)	dB	0.59		-----	-----
Interference Prevention Function	-----	PASS	PASS	-----	PASS

Test Category	2.4GHz Band Wideband Low-Power Data Communication System				
	802.11n 40MHz System (2TX 2RX)				

	unit	-----	-----	Limit	Result
Ambient Temperature	°C	21.5~24.7		≥ 5 ≤ 35	PASS
Relative Humidity	%	50~62		≥ 45 ≤ 85	PASS
Input Power Voltage	VDC	12		-----	-----
The reason why the tests are performed only at rated voltage:	When the input voltage to receiver RF circuit varies below $\pm 1\%$ as the input voltage from the external power supply to the receiver varies $\pm 10\%$ (excluding power				
On Time (Burst wave)	msec	5.43		-----	-----
Off Time (Burst wave)	msec	0.98		-----	-----
Ratio (Burst wave)	%	84.73		-----	-----

802.11n_40MHz	unit	-----	-----	Limit	Result
Measurement Frequency	MHz	2422	2462	-----	-----
Channel Number	Ch.	3	11	-----	-----
Declaration Output Power	mW/MHz	1.991		≤ 5	PASS
	dBm/MHz	2.991		≤ 6.99	PASS
E.I.R.P.	dBm/MHz	8.49	8.49	< 9.13	PASS
Peak Antenna Gain (Chain0)	dBi	5.50		-----	-----
Peak Antenna Gain (Chain1)	dBi	5.50		-----	-----
Tested Circuit Insertion Loss (Chain0)	dB	7.70		-----	-----
Tested Circuit Insertion Loss (Chain1)	dB	7.70		-----	-----
Tested Circuit Insertion Loss (RX_Chain0)	dB	0.59		-----	-----
Tested Circuit Insertion Loss (RX_Chain1)	dB	0.59		-----	-----
Interference Prevention Function	-----	PASS	PASS	-----	PASS

Test Category	2.4GHz Band Wideband Low-Power Data Communication System				
	802.11ax 20MHz System (2TX 2RX)				

	unit	-----	-----	Limit	Result
Ambient Temperature	°C	21.5~24.7		≥ 5 ≤ 35	PASS
Relative Humidity	%	50~62		≥ 45 ≤ 85	PASS
Input Power Voltage	VDC	12		-----	-----
The reason why the tests are performed only at rated voltage:	When the input voltage to receiver RF circuit varies below $\pm 1\%$ as the input voltage from the external power supply to the receiver varies $\pm 10\%$ (excluding power				
On Time (Burst wave)	msec	5.45		-----	-----
Off Time (Burst wave)	msec	0.91		-----	-----
Ratio (Burst wave)	%	85.69		-----	-----

802.11ax_20MHz	unit	-----	-----	Limit	Result
Measurement Frequency	MHz	2412	2472	-----	-----
Channel Number	Ch.	1	13	-----	-----
Declaration Output Power	mW/MHz	4.182		≤ 10	PASS
	dBm/MHz	6.214		≤ 10	PASS
E.I.R.P.	dBm/MHz	11.71	11.60	< 12.14	PASS
Peak Antenna Gain (Chain0)	dBi	5.50		-----	-----
Peak Antenna Gain (Chain1)	dBi	5.50		-----	-----
Tested Circuit Insertion Loss (Chain0)	dB	7.70		-----	-----
Tested Circuit Insertion Loss (Chain1)	dB	7.70		-----	-----
Tested Circuit Insertion Loss (RX_Chain0)	dB	0.59		-----	-----
Tested Circuit Insertion Loss (RX_Chain1)	dB	0.59		-----	-----
Interference Prevention Function	-----	PASS	PASS	-----	PASS

Test Category	2.4GHz Band Wideband Low-Power Data Communication System				
	802.11ax 40MHz System (2TX 2RX)				

	unit	-----	-----	Limit	Result
Ambient Temperature	°C	21.5~24.7		≥ 5 ≤ 35	PASS
Relative Humidity	%	50~62		≥ 45 ≤ 85	PASS
Input Power Voltage	VDC	12		-----	-----
The reason why the tests are performed only at rated voltage:	When the input voltage to receiver RF circuit varies below $\pm 1\%$ as the input voltage from the external power supply to the receiver varies $\pm 10\%$ (excluding power				
On Time (Burst wave)	msec	5.45		-----	-----
Off Time (Burst wave)	msec	0.94		-----	-----
Ratio (Burst wave)	%	85.21		-----	-----

802.11ax_40MHz	unit	-----	-----	Limit	Result
Measurement Frequency	MHz	2422	2462	-----	-----
Channel Number	Ch.	3	11	-----	-----
Declaration Output Power	mW/MHz	2.113		≤ 5	PASS
	dBm/MHz	3.249		≤ 6.99	PASS
E.I.R.P.	dBm/MHz	8.75	8.71	< 9.13	PASS
Peak Antenna Gain (Chain0)	dBi	5.50		-----	-----
Peak Antenna Gain (Chain1)	dBi	5.50		-----	-----
Tested Circuit Insertion Loss (Chain0)	dB	7.70		-----	-----
Tested Circuit Insertion Loss (Chain1)	dB	7.70		-----	-----
Tested Circuit Insertion Loss (RX_Chain0)	dB	0.59		-----	-----
Tested Circuit Insertion Loss (RX_Chain1)	dB	0.59		-----	-----
Interference Prevention Function	-----	PASS	PASS	-----	PASS

4.2 DESCRIPTION OF TEST MODES

The EUT (model: I9074L) had been tested under operating condition.

Software used to control the EUT for staying in continuous transmitting and receiving mode is programmed.

The worst case data rate is determined as the data rate with highest output power.

IEEE802.11b (CH1~13): Channel Low, Channel Mid and Channel High with 11Mbps data rate were chosen for full testing.

IEEE802.11g (CH1~13): Channel Low, Channel Mid and Channel High with 6Mbps data rate were chosen for full testing.

IEEE802.11n HT 20 / ac VHT20 MHz (CH1~13) : Channel Low, Channel Mid and Channel High with 6.5Mbps data rate were chosen for full testing.

IEEE802.11n HT40 / ac VHT40 MHz (CH3~11): Channel Low, Channel Mid and Channel High with 13.5Mbps data rate were chosen for full testing.

IEEE802.11ax HE20 MHz (CH1~13) : Channel Low, Channel Mid and Channel High with 8.6Mbps data rate were chosen for full testing.

IEEE802.11ax HE40 MHz (CH3~11): Channel Low, Channel Mid and Channel High with 17.2Mbps data rate were chosen for full testing.

4.3 TESTING APPLIED STANDARDS

MIC Notice No.88 Appendix No. 1

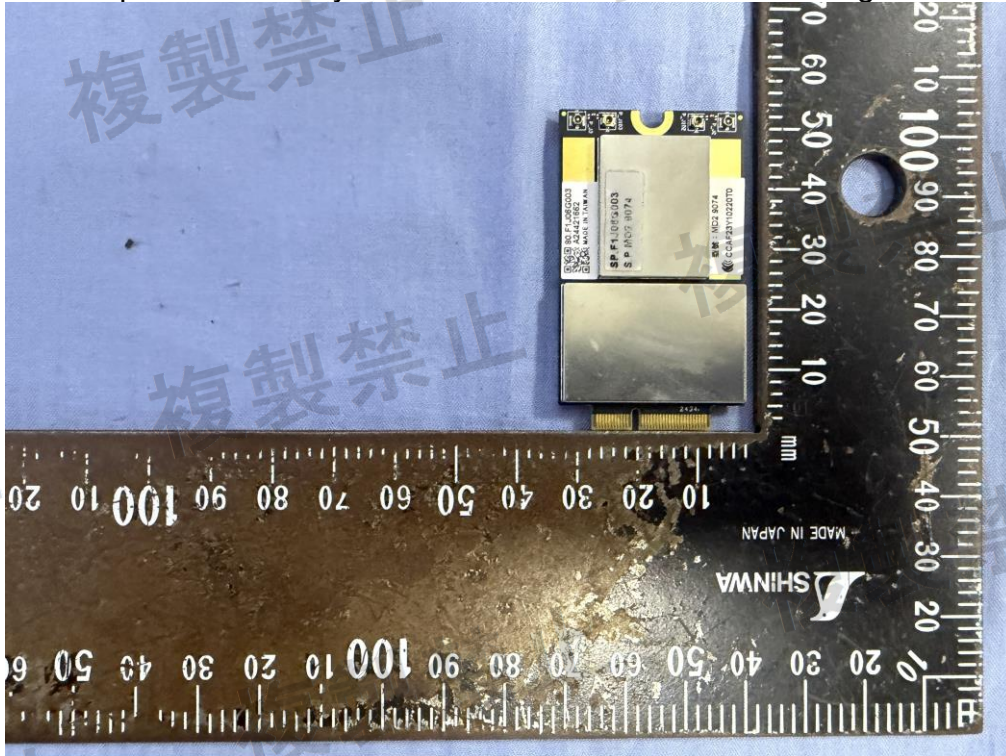
MIC Notice No.88 Appendix No.43 (Latest Update of test method: Nov. 8, 2023)

MIC Certification Rule, Article 2 Paragraph 1 Item 19

ARIB STD-66

4.4 RF SHIELDING METHOD

The RF part is not easily accessible because the EUT is using a shielding case as below.



4.5 SETUP OF EQUIPMENT UNDER TEST

Setup Diagram

See test photographs attached in Appendix 1 for the actual connections between EUT and support equipment.

Support Equipment

Conducted_TELEC (All)					
Name of Equipment	Manufacturer	Model	Serial Number	Calibration Date	Calibration Due
NB(L)	Lenovo	ThinkPad X260	N/A	N/A	N/A
USB-A to Type-C	Xiaomi	SJX10ZM	N/A	N/A	N/A
Adapter	LYD	LYD1202500B	N/A	N/A	N/A
Test Module	N/A	N/A	N/A	N/A	N/A

5. INSTRUMENT AND CALIBRATION

5.1 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.

5.2 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

Conducted TELECOM (All)								
Name of Equipment	Manufacturer	Model	Serial Number	Calibration Date	Calibration Due	Calibration Lab	Accreditation Organization of the-Cal. Lab	Calibration Method
PXA Signal Analyzer	Keysight	N9030B	MY62291089	2025/09/24	2026/09/23	ETC	TAF	c
Power Sensor	Anritsu	MA2411B	1911387	2025/08/21	2026/08/20	ETC	TAF	c
Power Sensor	Anritsu	MA2411B	1911386	2025/07/07	2026/07/06	ETC	TAF	c
Power Meter	Anritsu	ML2496A	2136002	2025/07/07	2026/07/06	ETC	TAF	c
DC Blocks	Marvelous Microwave	MVE6411	MVE-001	2025/08/06	2026/08/05	ETC	TAF	c
Attenuator	Marvelous Microwave Inc	MVE2213-10	08	2025/11/06	2026/11/05	ETC	TAF	c
Vector Signal Generator	KEYSIGHT	N5138B	MY59100973	2025/08/05	2026/08/04	ETC	TAF	c
Software	Radio Test Software Ver. 21							

Remark:

- Each piece of equipment is scheduled for calibration once a year.
- Calibration Method:
 - Calibration conducted by the National Institute of Information and Communications Technology (NICT) (hereinafter referred to as "NICT") or a designated calibration agency under Article 102-18 paragraph (1)
 - Correction conducted pursuant to the provisions of Article 135 or Article 144 of the Measurement Law (Law No. 51 of 1992)
 - 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)
 - Calibration conducted by using measuring instruments and other equipment listed in the right column of Table No. 3 attached hereto, which shall have been given any of calibration, etc. listed above from a) to c)

5.3 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 6 is based on such expansion factors.

Table: Maximum measurement uncertainty

PARAMETER	UNCERTAINTY
RF Output Power	$\pm 1.871\text{dB}$
Frequency Tolerance	$\pm 1.890\text{dB}$
Unwanted Emission strength	$\pm 1.871\text{dB}$
Occupied Bandwidth (99%)	$\pm 1.971\text{dB}$
Spread-Spectrum Bandwidth (90%)	$\pm 1.971\text{dB}$
Limitation of collateral emissions of receiver	$\pm 1.870\text{dB}$

Remark:

1. This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of $k=2$
2. ISO/IEC 17025 requires that an estimate of the measurement uncertainties associated with the emissions test results be included in the report.

6. TEST RESULT FOR IEEE 802.11b (CH1~CH13)

6.1 FREQUENCY ERROR

Temperature: 21.5 ~ 24.7°C
Humidity: 50 ~ 62% RH

Test date: January 20 ~ 27, 2026
Tested by: Marco Chan

TEST RESULT

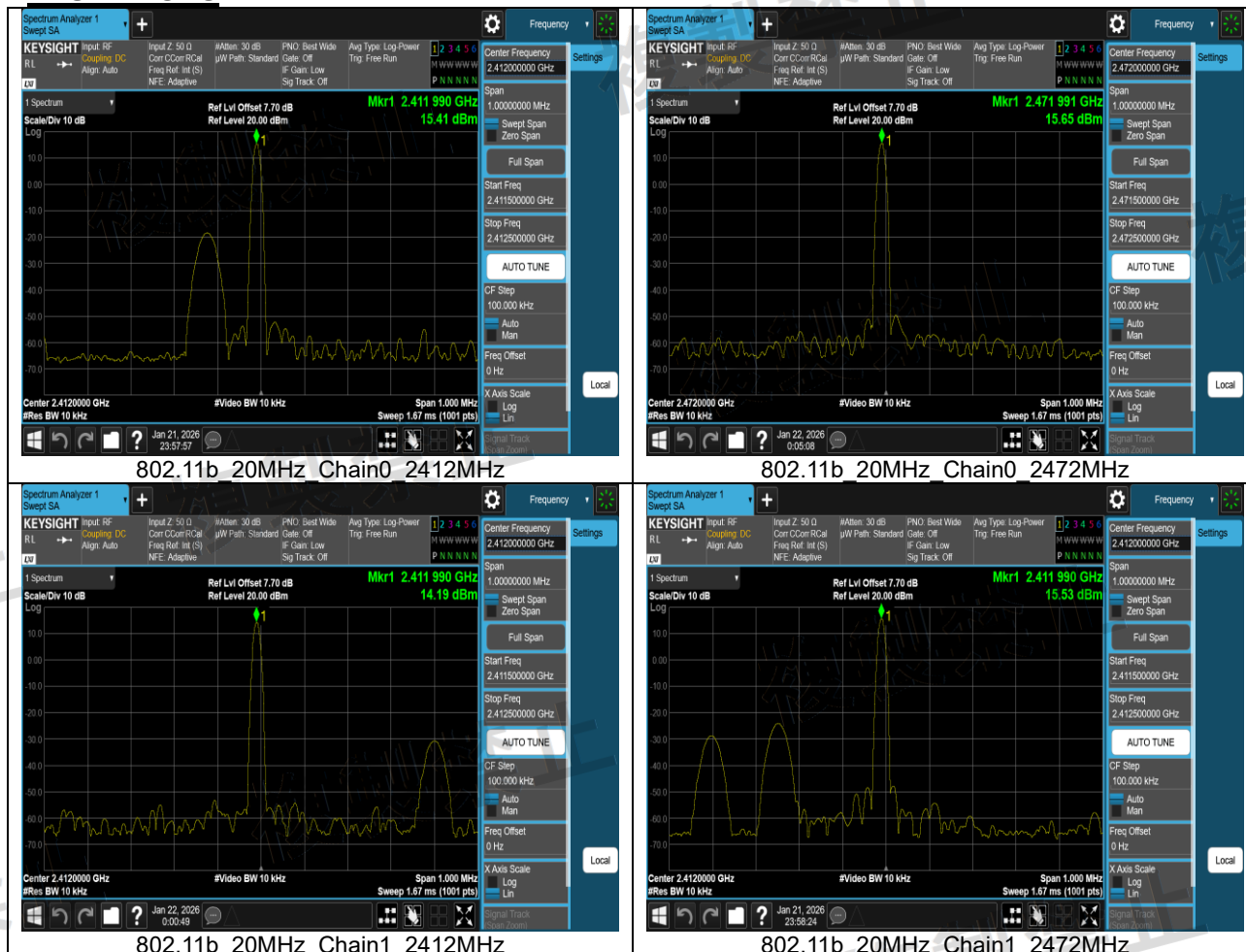
Frequency Tolerance					
802.11b	unit	-----	-----	Limit	Result
Measurement Frequency	MHz	2412	2472	-----	-----
Channel Number	Ch.	1	13	-----	-----
Reading Frequency (Chain0)	MHz	2411.990	2471.991	≥ -50.00	PASS
Frequency Tolerance (Chain0)	ppm	-4.14594	-3.64078	≤ 50.00	
Reading Frequency (Chain1)	MHz	2411.990	2471.991	≥ -50.00	PASS
Frequency Tolerance (Chain1)	ppm	-4.14594	-3.64078	≤ 50.00	

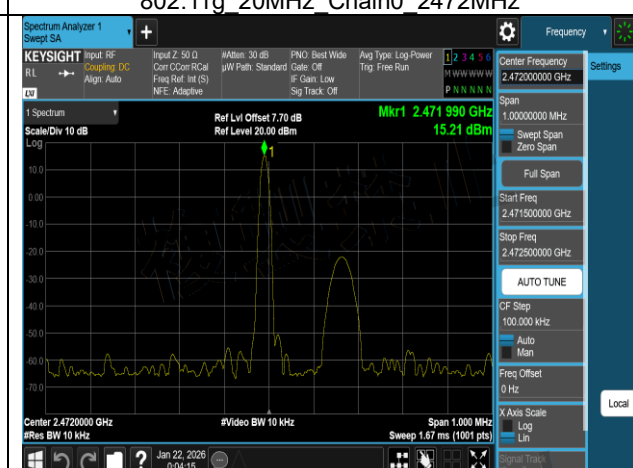
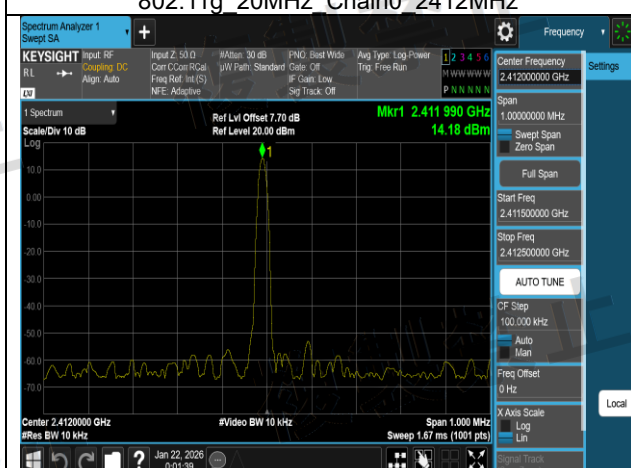
Frequency Tolerance					
802.11g	unit	-----	-----	Limit	Result
Measurement Frequency	MHz	2412	2472	-----	-----
Channel Number	Ch.	1	13	-----	-----
Reading Frequency (Chain0)	MHz	2411.990	2471.991	≥ -50.00	PASS
Frequency Tolerance (Chain0)	ppm	-4.14594	-3.64078	≤ 50.00	
Reading Frequency (Chain1)	MHz	2411.990	2471.990	≥ -50.00	PASS
Frequency Tolerance (Chain1)	ppm	-4.14594	-4.04531	≤ 50.00	

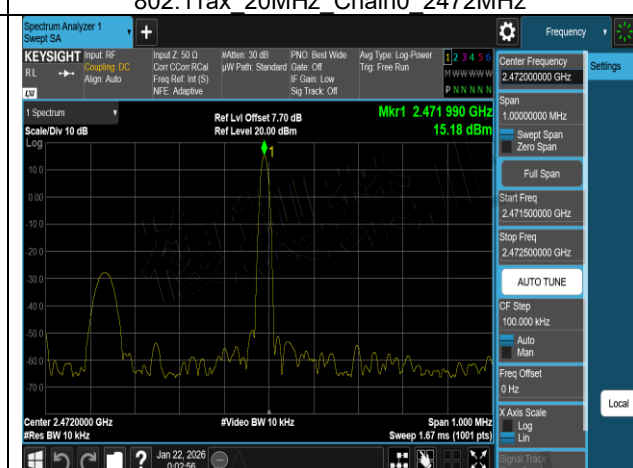
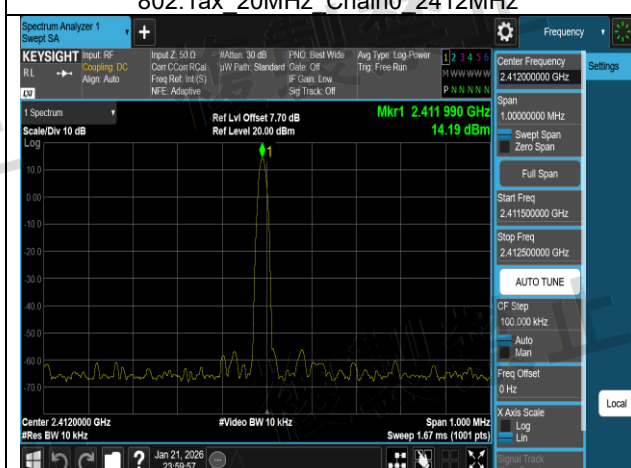
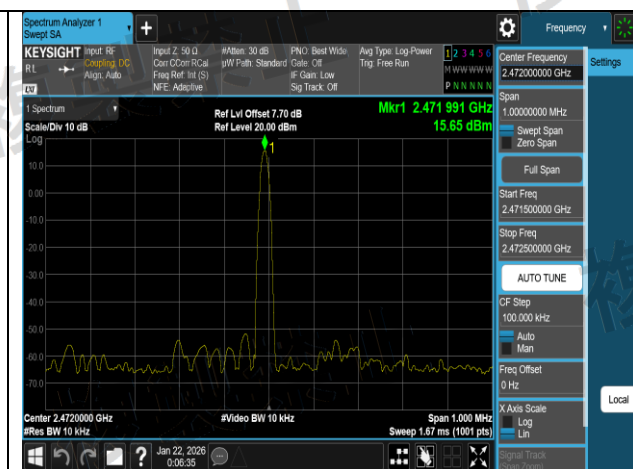
Frequency Tolerance					
802.11ax_20MHz	unit	-----	-----	Limit	Result
Measurement Frequency	MHz	2412	2472	-----	-----
Channel Number	Ch.	1	13	-----	-----
Reading Frequency (Chain0)	MHz	2411.990	2471.991	≥ -50.00	PASS
Frequency Tolerance (Chain0)	ppm	-4.14594	-3.64078	≤ 50.00	
Reading Frequency (Chain1)	MHz	2411.990	2471.990	≥ -50.00	PASS
Frequency Tolerance (Chain1)	ppm	-4.14594	-4.04531	≤ 50.00	

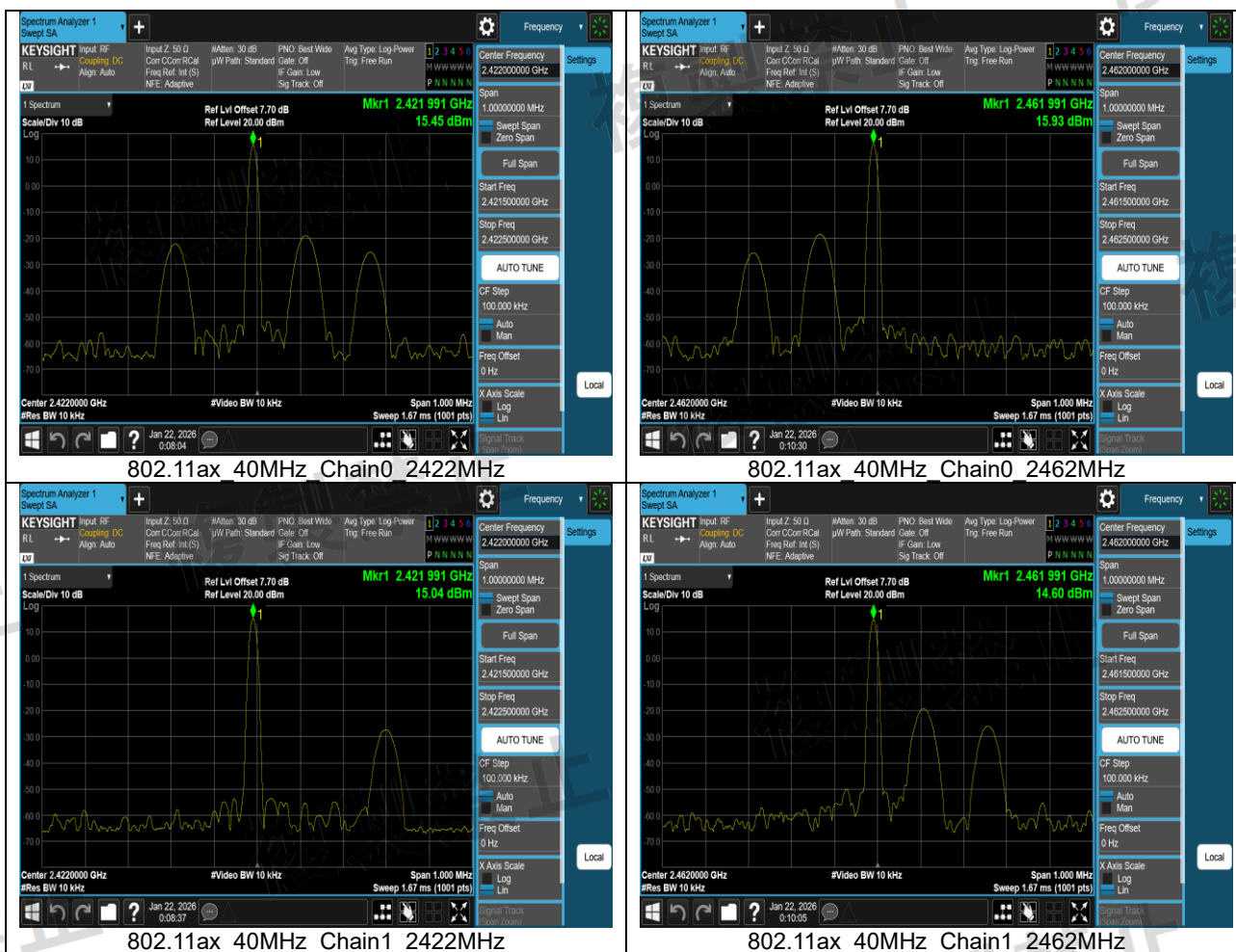
Frequency Tolerance					
802.11ax_40MHz	unit	-----	-----	Limit	Result
Measurement Frequency	MHz	2422	2462	-----	-----
Channel Number	Ch.	3	11	-----	-----
Reading Frequency (Chain0)	MHz	2421.991	2461.991	≥ -50.00	PASS
Frequency Tolerance (Chain0)	ppm	-3.71594	-3.65556	≤ 50.00	
Reading Frequency (Chain1)	MHz	2421.991	2461.991	≥ -50.00	PASS
Frequency Tolerance (Chain1)	ppm	-3.71594	-3.65556	≤ 50.00	

TEST PLOTS









6.2 RF OUTPUT POWER

Temperature: 21.5 ~ 24.7°C
Humidity: 50 ~ 62% RH

Test date: January 20 ~ 27, 2026
Tested by: Marco Chan

TEST RESULT

RF Output Power					
802.11b	unit	-----	-----	Limit	Result
Measurement Frequency	MHz	2412	2472	-----	-----
Channel Number	Ch.	1	13	-----	-----
RF Output Power (Chain0)	mW/MHz	2.273	2.180	≤ 5.000	PASS
	dBm/MHz	3.5657	3.3855	≤ 6.990	
RF Output Power (Chain1)	mW/MHz	2.075	2.277	≤ 5.000	PASS
	dBm/MHz	3.1706	3.5737	≤ 6.990	
Total Output Power (Chain0+1)	mW/MHz	4.348	4.458	≤ 10	PASS
	dBm/MHz	6.383	6.491	≤ 10	
RF Output Power Tolerance (Chain0+1)	%	-2.46	0.00	≤ 20	PASS

RF Output Power					
802.11g	unit	-----	-----	Limit	Result
Measurement Frequency	MHz	2412	2472	-----	-----
Channel Number	Ch.	1	13	-----	-----
RF Output Power (Chain0)	mW/MHz	2.238	2.175	≤ 5.000	PASS
	dBm/MHz	3.4988	3.3738	≤ 6.990	
RF Output Power (Chain1)	mW/MHz	1.936	2.378	≤ 5.000	PASS
	dBm/MHz	2.8692	3.7623	≤ 6.990	
Total Output Power (Chain0+1)	mW/MHz	4.174	4.553	≤ 10	PASS
	dBm/MHz	6.206	6.583	≤ 10	
RF Output Power Tolerance (Chain0+1)	%	-8.31	0.00	≤ 20	PASS

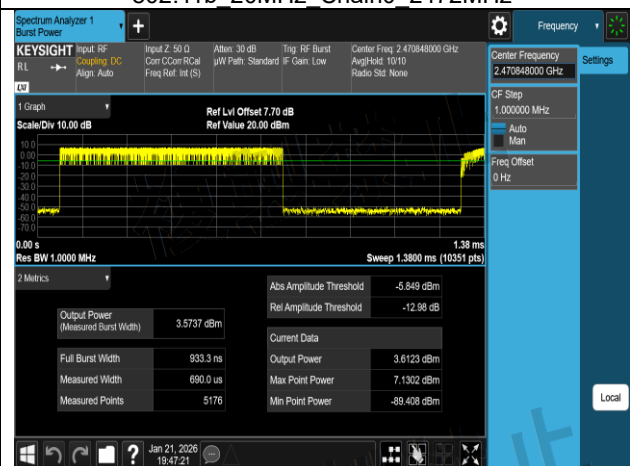
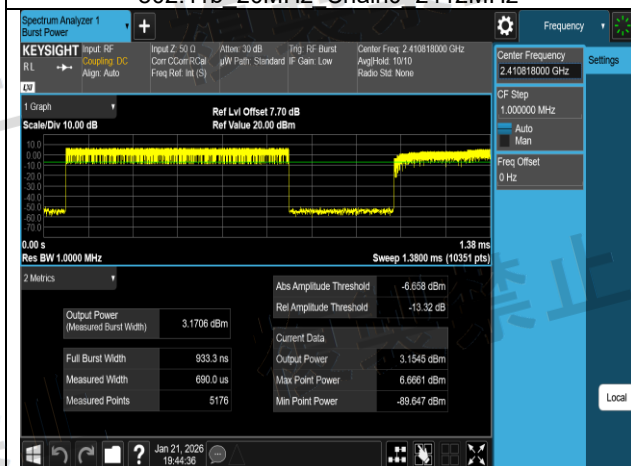
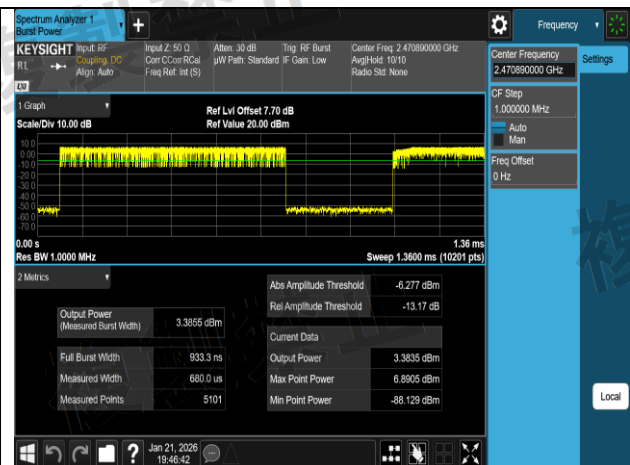
RF Output Power					
802.11n_20MHz	unit	-----	-----	Limit	Result
Measurement Frequency	MHz	2412	2472	-----	-----
Channel Number	Ch.	1	13	-----	-----
RF Output Power (Chain0)	mW/MHz	2.033	1.358	≤ 5.000	PASS
	dBm/MHz	3.0804	1.3281	≤ 6.990	
RF Output Power (Chain1)	mW/MHz	1.907	2.024	≤ 5.000	PASS
	dBm/MHz	2.8037	3.0613	≤ 6.990	
Total Output Power (Chain0+1)	mW/MHz	3.940	3.381	≤ 10	PASS
	dBm/MHz	5.955	5.291	≤ 10	
RF Output Power Tolerance (Chain0+1)	%	0.00	-14.17	≤ 20	PASS

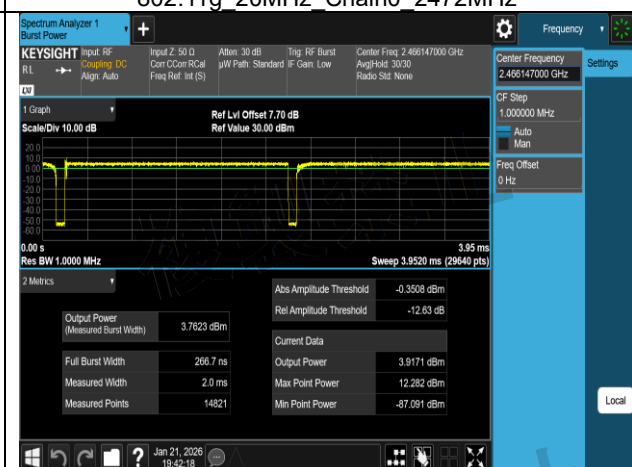
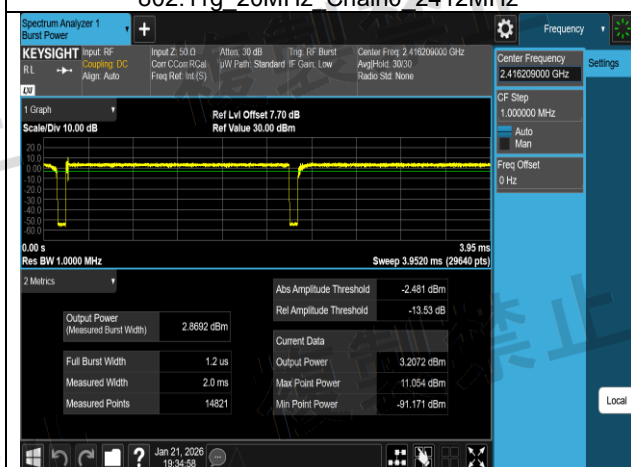
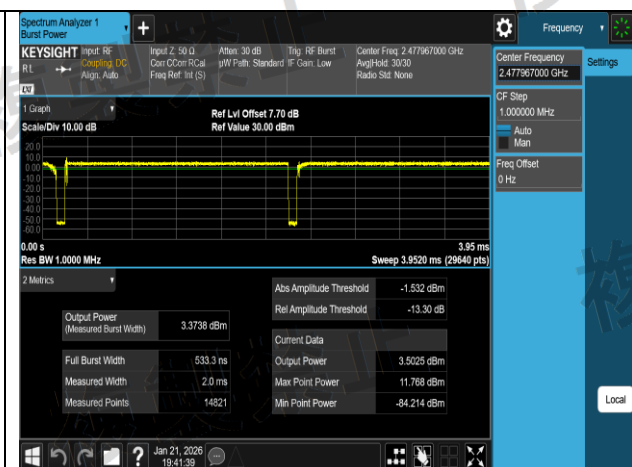
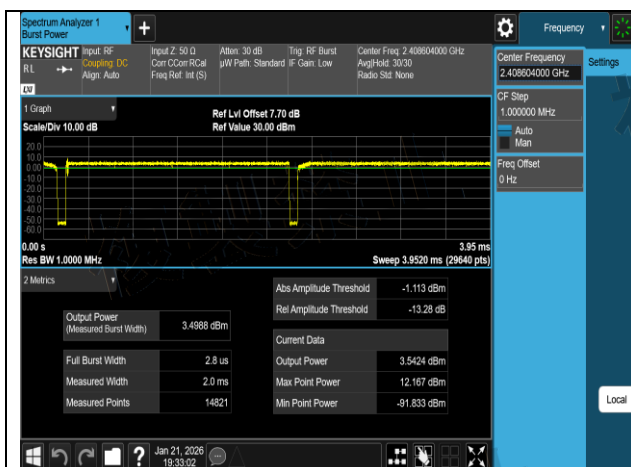
RF Output Power					
802.11n_40MHz	unit	-----	-----	Limit	Result
Measurement Frequency	MHz	2422	2462	-----	-----
Channel Number	Ch.	3	11	-----	-----
RF Output Power (Chain0)	mW/MHz	0.958	0.941	≤ 2.500	PASS
	dBm/MHz	-0.18652	-0.26597	≤ 3.979	
RF Output Power (Chain1)	mW/MHz	1.033	1.049	≤ 2.500	PASS
	dBm/MHz	0.14106	0.20916	≤ 3.979	
Total Output Power (Chain0+1)	mW/MHz	1.991	1.990	≤ 5	PASS
	dBm/MHz	2.991	2.988	≤ 6.99	
RF Output Power Tolerance (Chain0+1)	%	0.00	-0.05	≤ 20	PASS

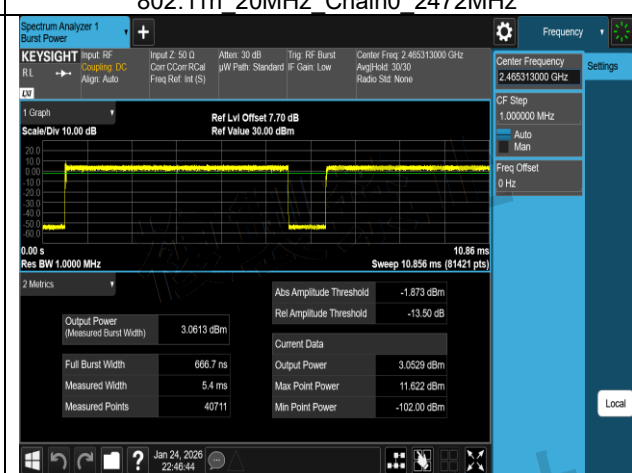
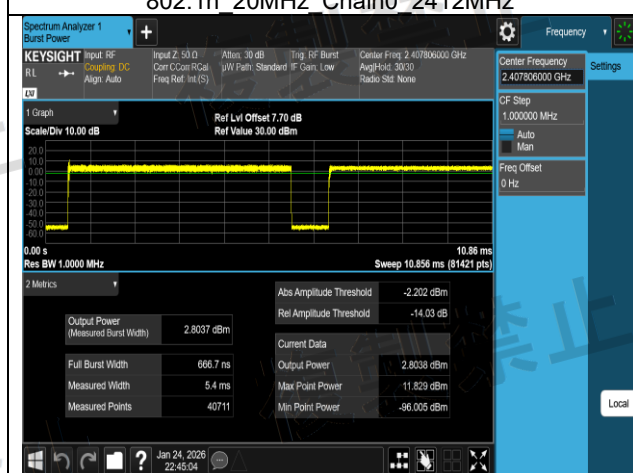
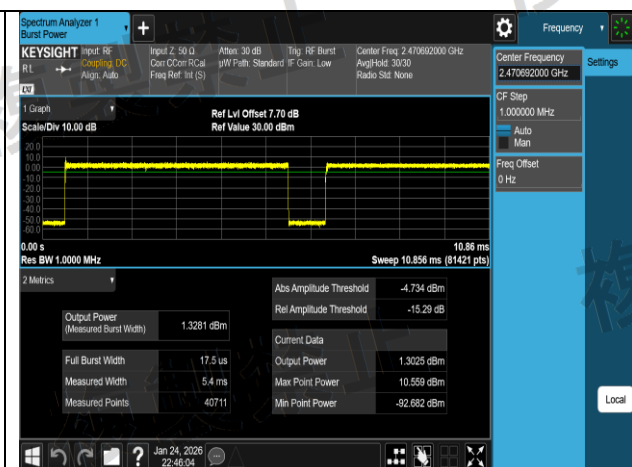
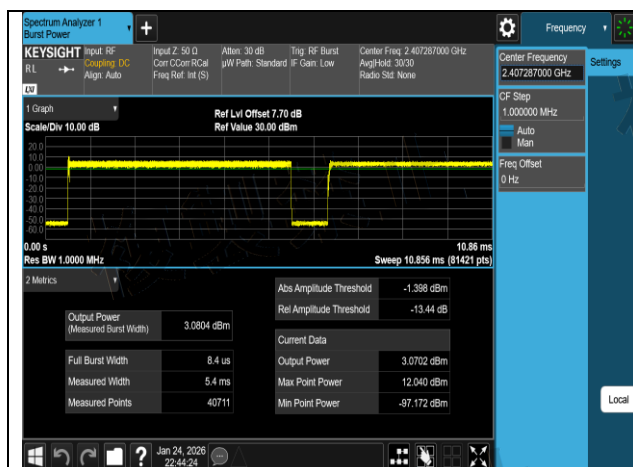
RF Output Power					
802.11ax_20MHz	unit	-----	-----	Limit	Result
Measurement Frequency	MHz	2412	2472	-----	-----
Channel Number	Ch.	1	13	-----	-----
RF Output Power (Chain0)	mW/MHz	2.240	1.919	≤ 5.000	PASS
	dBm/MHz	3.5016	2.8314	≤ 6.990	
RF Output Power (Chain1)	mW/MHz	1.942	2.157	≤ 5.000	PASS
	dBm/MHz	2.8829	3.3382	≤ 6.990	
Total Output Power (Chain0+1)	mW/MHz	4.182	4.076	≤ 10	PASS
	dBm/MHz	6.214	6.102	≤ 10	
RF Output Power Tolerance (Chain0+1)	%	0.00	-2.53	≤ 20	PASS

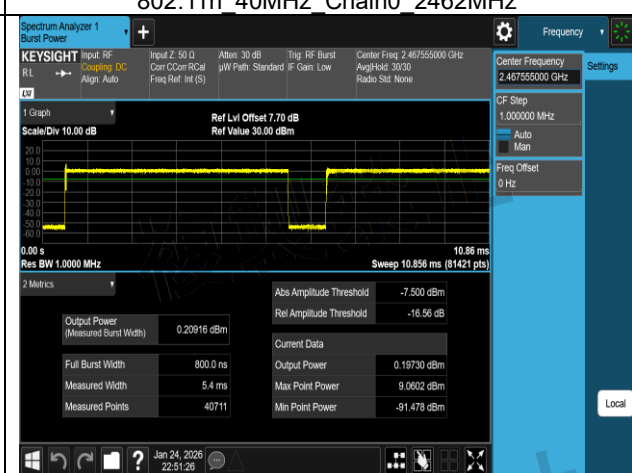
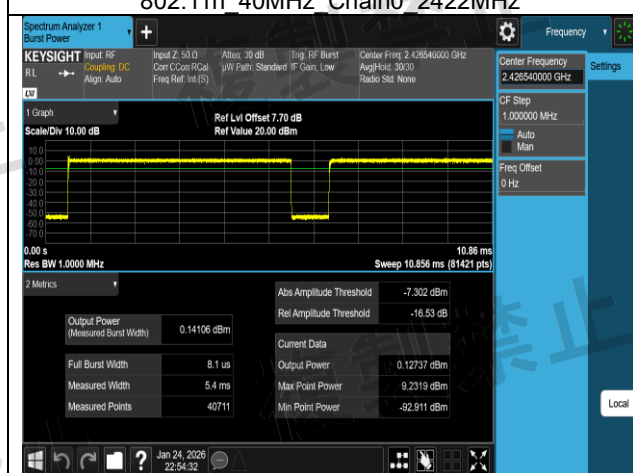
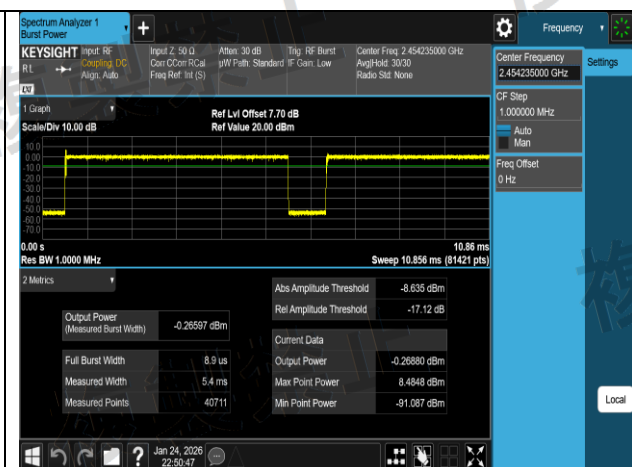
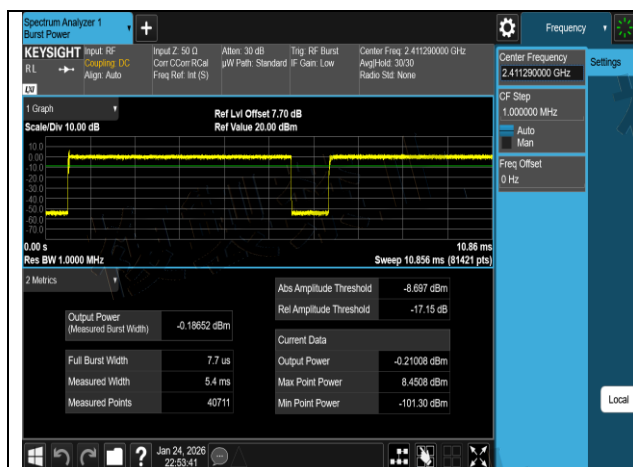
RF Output Power					
802.11ax_40MHz	unit	-----	-----	Limit	Result
Measurement Frequency	MHz	2422	2462	-----	-----
Channel Number	Ch.	3	11	-----	-----
RF Output Power (Chain0)	mW/MHz	1.035	0.976	≤ 2.500	PASS
	dBm/MHz	0.14798	-0.10715	≤ 3.979	
RF Output Power (Chain1)	mW/MHz	1.078	1.117	≤ 2.500	PASS
	dBm/MHz	0.32818	0.48162	≤ 3.979	
Total Output Power (Chain0+1)	mW/MHz	2.113	2.093	≤ 5	PASS
	dBm/MHz	3.249	3.208	≤ 6.99	
RF Output Power Tolerance (Chain0+1)	%	0.00	-0.96	≤ 20	PASS

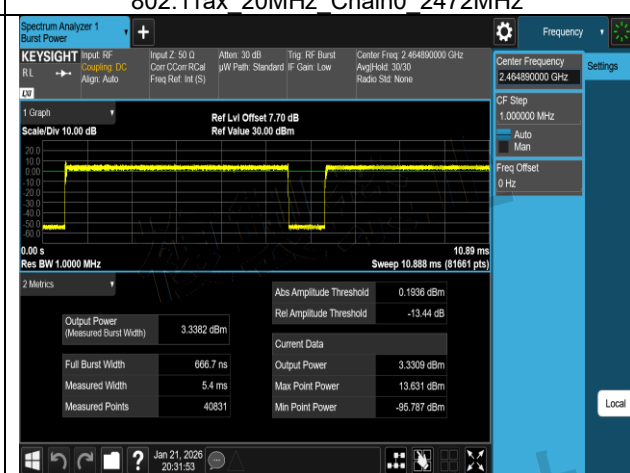
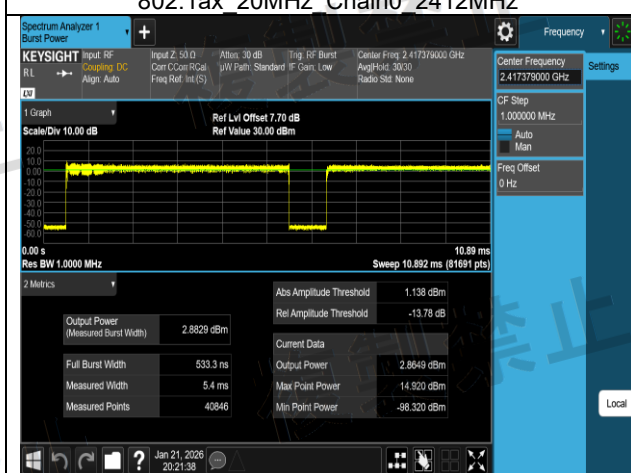
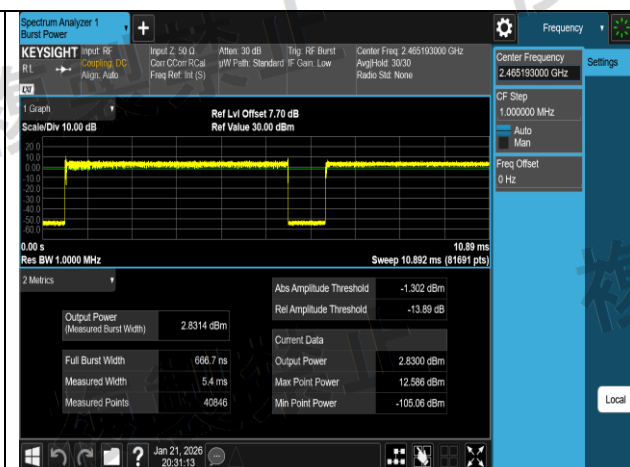
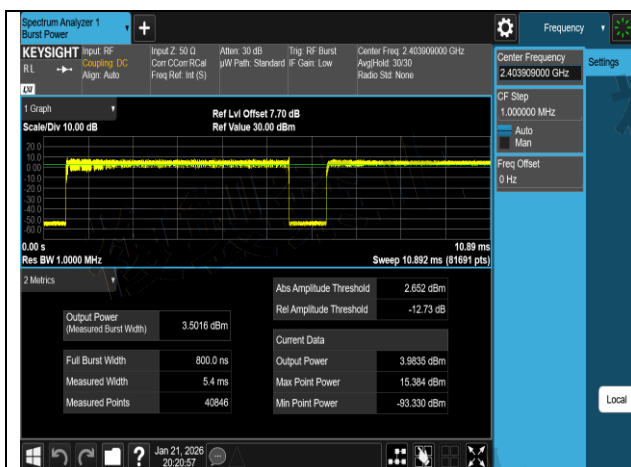
TEST PLOTS

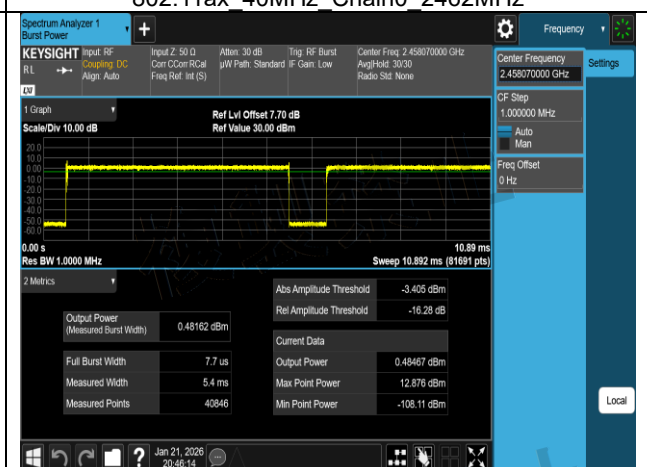
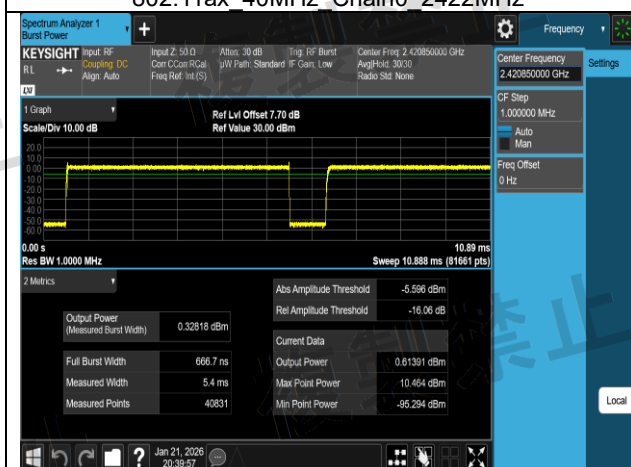
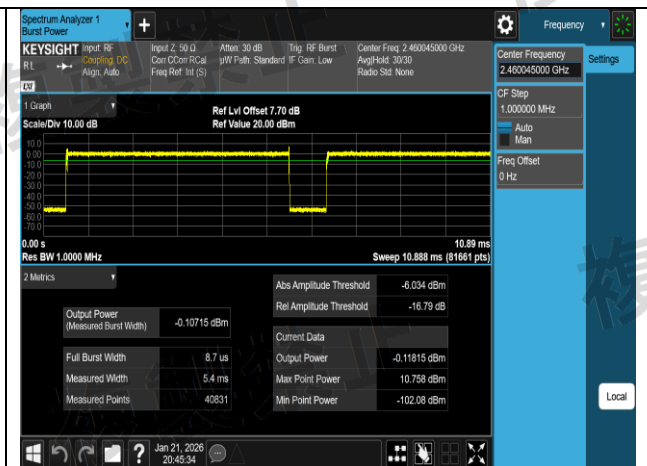
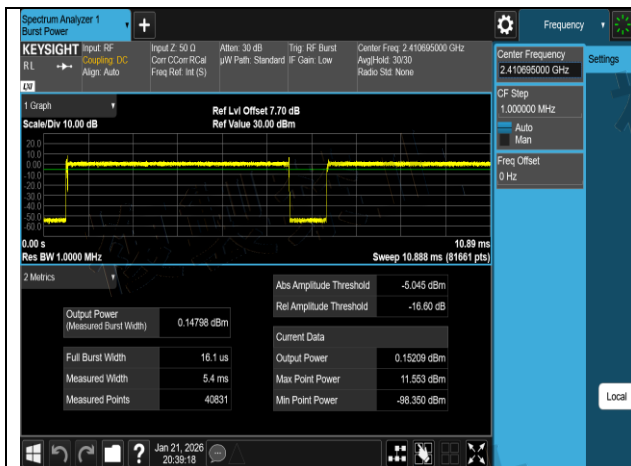












6.3 UNWANTED EMISSION STRENGTH

Temperature: 21.5 ~ 24.7°C

Test date: January 20 ~ 27, 2026

Humidity: 50 ~ 62% RH

Tested by: Marco Chan

TEST RESULT

Unwanted Emission Strength (Chain 0&1)					
802.11b	unit	-----	-----	Limit	Result
Measurement Frequency	MHz	2412	2472	-----	-----
Channel Number	Ch.	1	13	-----	-----
Under 2387MHz (Chain0)	μW/MHz	0.0557	0.0851	≤ 1.25	PASS
	MHz	2319.4	2146.3	-----	
2387 ~ 2400MHz (Chain0)	μW/MHz	0.8091	0.0589	≤ 12.50	PASS
	MHz	2399.97	2396.92	-----	
2483.5 ~ 2496.5MHz (Chain0)	μW/MHz	0.0655	0.8670	≤ 12.50	PASS
	MHz	2484.10	2483.57	-----	
2496.5MHz ~ 12.5GHz (Chain0)	μW/MHz	0.1690	0.1726	≤ 1.25	PASS
	MHz	3783.0	3789.0	-----	
Under 2387MHz (Chain1)	μW/MHz	0.0863	0.0942	≤ 1.25	PASS
	MHz	2382.1	2358.8	-----	
2387 ~ 2400MHz (Chain1)	μW/MHz	0.6730	0.0452	≤ 12.50	PASS
	MHz	2399.99	2393.84	-----	
2483.5 ~ 2496.5MHz (Chain1)	μW/MHz	0.0625	0.9036	≤ 12.50	PASS
	MHz	2488.80	2483.50	-----	
2496.5MHz ~ 12.5GHz (Chain1)	μW/MHz	0.2133	0.1644	≤ 1.25	PASS
	MHz	4054.5	4069.0	-----	

Unwanted Emission Strength (Total)					
802.11b	unit	-----	-----	Limit	Result
Measurement Frequency	MHz	2412	2472	-----	-----
Channel Number	Ch.	1	13	-----	-----
Under 2387MHz	μW/MHz	0.1420	0.1793	≤ 2.50	PASS
	MHz	2382.10	2358.80	-----	
2387 ~ 2400MHz	μW/MHz	1.4821	0.1041	≤ 25.00	PASS
	MHz	2399.99	2396.92	-----	
2483.5 ~ 2496.5MHz	μW/MHz	0.1280	1.7706	≤ 25.00	PASS
	MHz	2488.80	2483.57	-----	
2496.5MHz ~ 12.5GHz	μW/MHz	0.3823	0.3370	≤ 2.50	PASS
	MHz	4054.50	4069.00	-----	

Unwanted Emission Strength (Chain 0&1)					
802.11g	unit	-----	-----	Limit	Result
Measurement Frequency	MHz	2412	2472	-----	-----
Channel Number	Ch.	1	13	-----	-----
Under 2387MHz (Chain0)	μW/MHz	0.0849	0.0863	≤ 1.25	PASS
	MHz	2378.4	2136.3	-----	
2387 ~ 2400MHz (Chain0)	μW/MHz	1.1668	0.0676	≤ 12.50	PASS
	MHz	2399.988300	2395.96	-----	
2483.5 ~ 2496.5MHz (Chain0)	μW/MHz	0.0622	2.1528	≤ 12.50	PASS
	MHz	2494.11	2483.507785	-----	
2496.5MHz ~ 12.5GHz (Chain0)	μW/MHz	0.1718	0.1626	≤ 1.25	PASS
	MHz	4048.0	4085.0	-----	
Under 2387MHz (Chain1)	μW/MHz	0.0778	0.0855	≤ 1.25	PASS
	MHz	2244.0	2121.0	-----	
2387 ~ 2400MHz (Chain1)	μW/MHz	1.1722	0.0418	≤ 12.50	PASS
	MHz	2399.996146	2392.20	-----	
2483.5 ~ 2496.5MHz (Chain1)	μW/MHz	0.0667	1.5996	≤ 12.50	PASS
	MHz	2485.56	2483.593785	-----	
2496.5MHz ~ 12.5GHz (Chain1)	μW/MHz	0.1706	0.1641	≤ 1.25	PASS
	MHz	4078.0	3792.5	-----	

Unwanted Emission Strength (Total)					
802.11g	unit	-----	-----	Limit	Result
Measurement Frequency	MHz	2412	2472	-----	-----
Channel Number	Ch.	1	13	-----	-----
Under 2387MHz	μW/MHz	0.1627	0.1718	≤ 2.50	PASS
	MHz	2378.40	2136.30	-----	
2387 ~ 2400MHz	μW/MHz	2.3390	0.1094	≤ 25.00	PASS
	MHz	2400.00	2395.96	-----	
2483.5 ~ 2496.5MHz	μW/MHz	0.1289	3.7523	≤ 25.00	PASS
	MHz	2494.11	2483.59	-----	
2496.5MHz ~ 12.5GHz	μW/MHz	0.3424	0.3266	≤ 2.50	PASS
	MHz	4078.00	4085.00	-----	

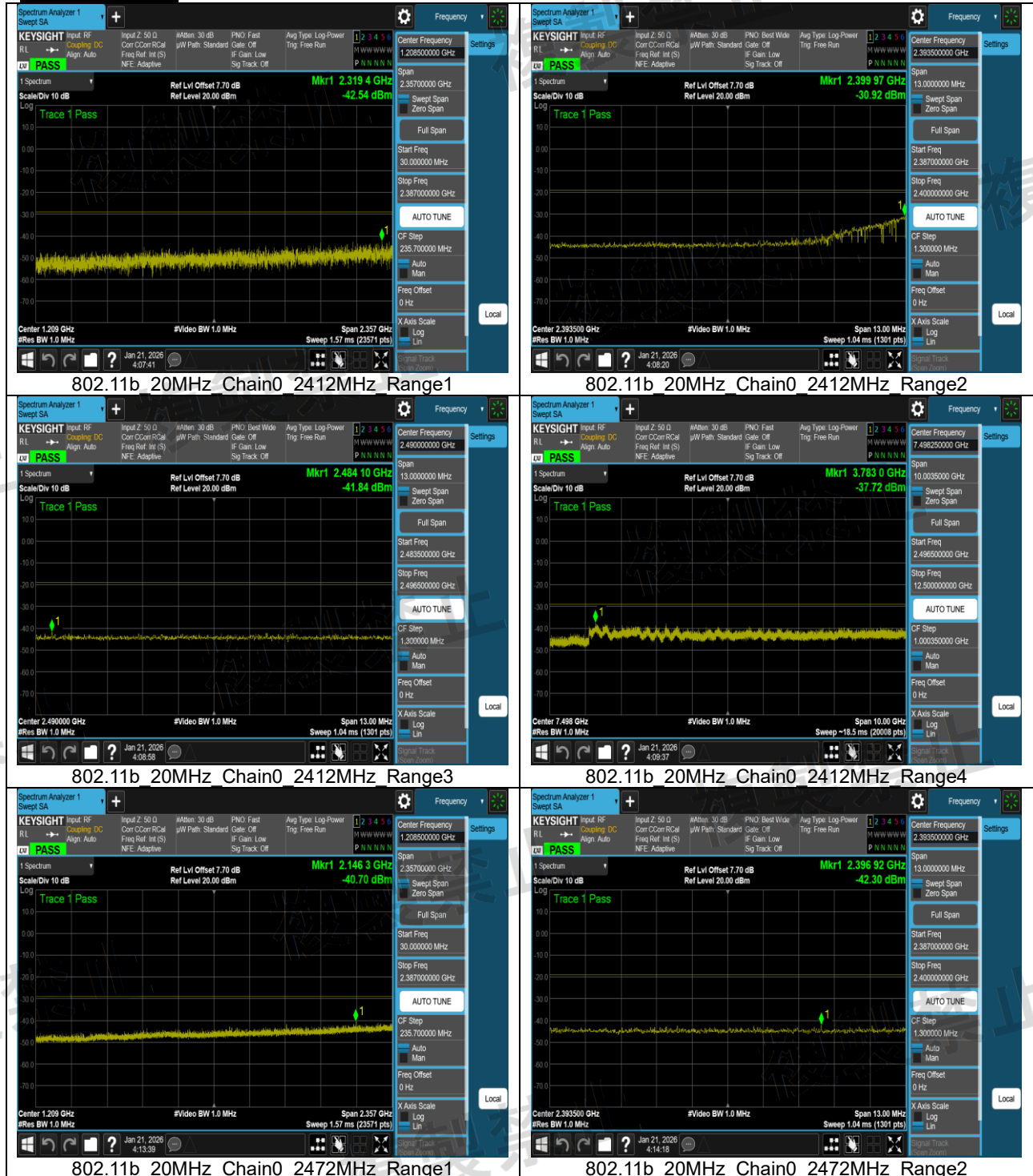
Unwanted Emission Strength (Chain 0&1)					
802.11ax_20MHz	unit	-----	-----	Limit	Result
Measurement Frequency	MHz	2412	2472	-----	-----
Channel Number	Ch.	1	13	-----	-----
Under 2387MHz (Chain0)	μW/MHz	0.113	0.064	≤ 1.25	PASS
	MHz	2386.0	2164.8	-----	
2387 ~ 2400MHz (Chain0)	μW/MHz	1.837	0.057	≤ 12.50	PASS
	MHz	2399.953015	2397.67	-----	
2483.5 ~ 2496.5MHz (Chain0)	μW/MHz	0.062	1.968	≤ 12.50	PASS
	MHz	2493.16	2483.542900	-----	
2496.5MHz ~ 12.5GHz (Chain0)	μW/MHz	0.185	0.151	≤ 1.25	PASS
	MHz	3826.0	4042.0	-----	
Under 2387MHz (Chain1)	μW/MHz	0.053	0.067	≤ 1.25	PASS
	MHz	2344.0	2311.6	-----	
2387 ~ 2400MHz (Chain1)	μW/MHz	1.782	0.039	≤ 12.50	PASS
	MHz	2399.961462	2393.63	-----	
2483.5 ~ 2496.5MHz (Chain1)	μW/MHz	0.059	2.239	≤ 12.50	PASS
	MHz	2490.82	2483.519231	-----	
2496.5MHz ~ 12.5GHz (Chain1)	μW/MHz	0.145	0.168	≤ 1.25	PASS
	MHz	3778.5	3814.5	-----	

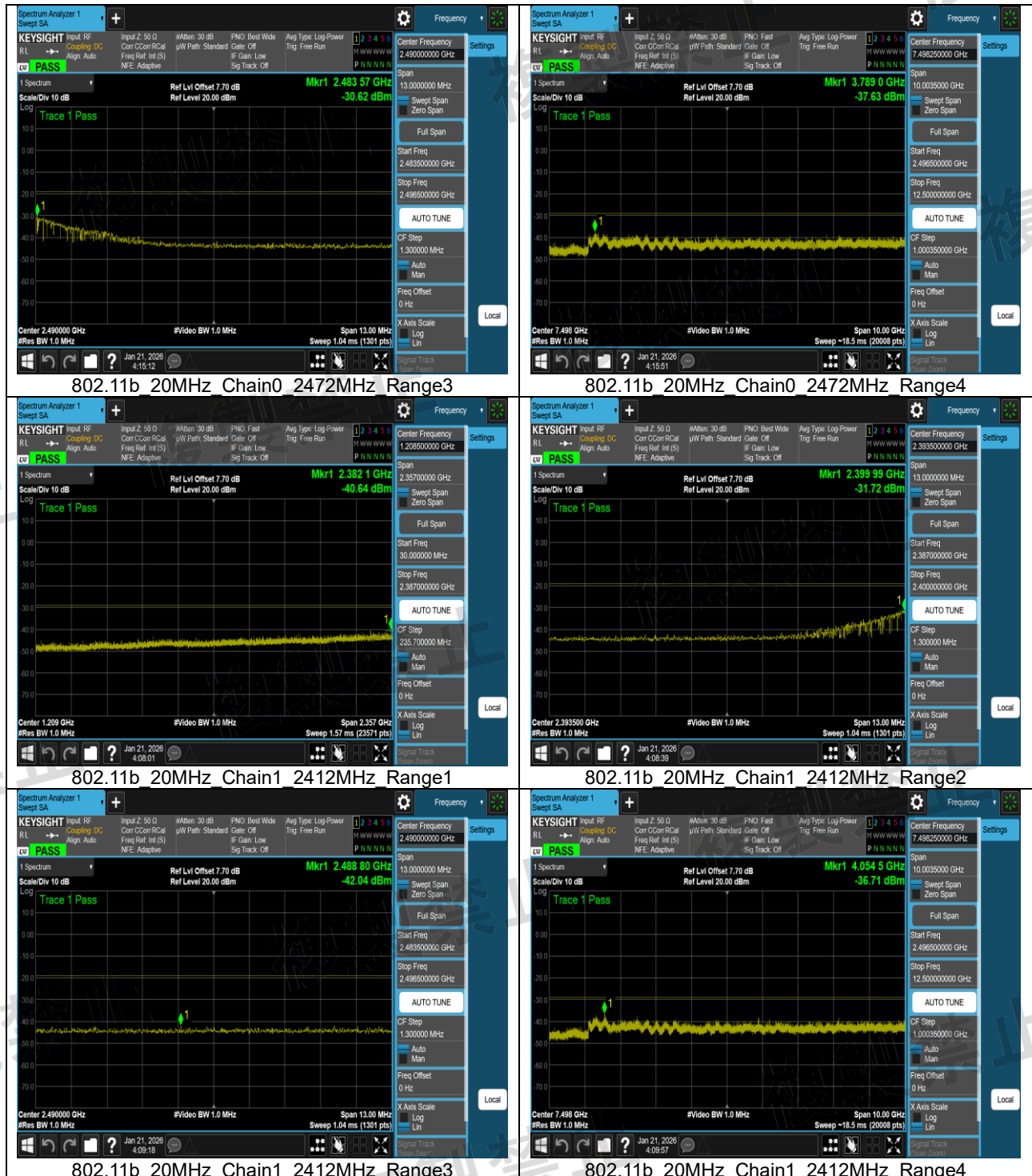
Unwanted Emission Strength (Total)					
802.11ax_20MHz	unit	-----	-----	Limit	Result
Measurement Frequency	MHz	2412	2472	-----	-----
Channel Number	Ch.	1	13	-----	-----
Under 2387MHz	μW/MHz	0.1662	0.1310	≤ 2.50	PASS
	MHz	2386.00	2311.60	-----	
2387 ~ 2400MHz	μW/MHz	3.6189	0.0960	≤ 25.00	PASS
	MHz	2399.96	2397.67	-----	
2483.5 ~ 2496.5MHz	μW/MHz	0.1210	4.2066	≤ 25.00	PASS
	MHz	2493.16	2483.54	-----	
2496.5MHz ~ 12.5GHz	μW/MHz	0.3294	0.3185	≤ 2.50	PASS
	MHz	3826.00	4042.00	-----	

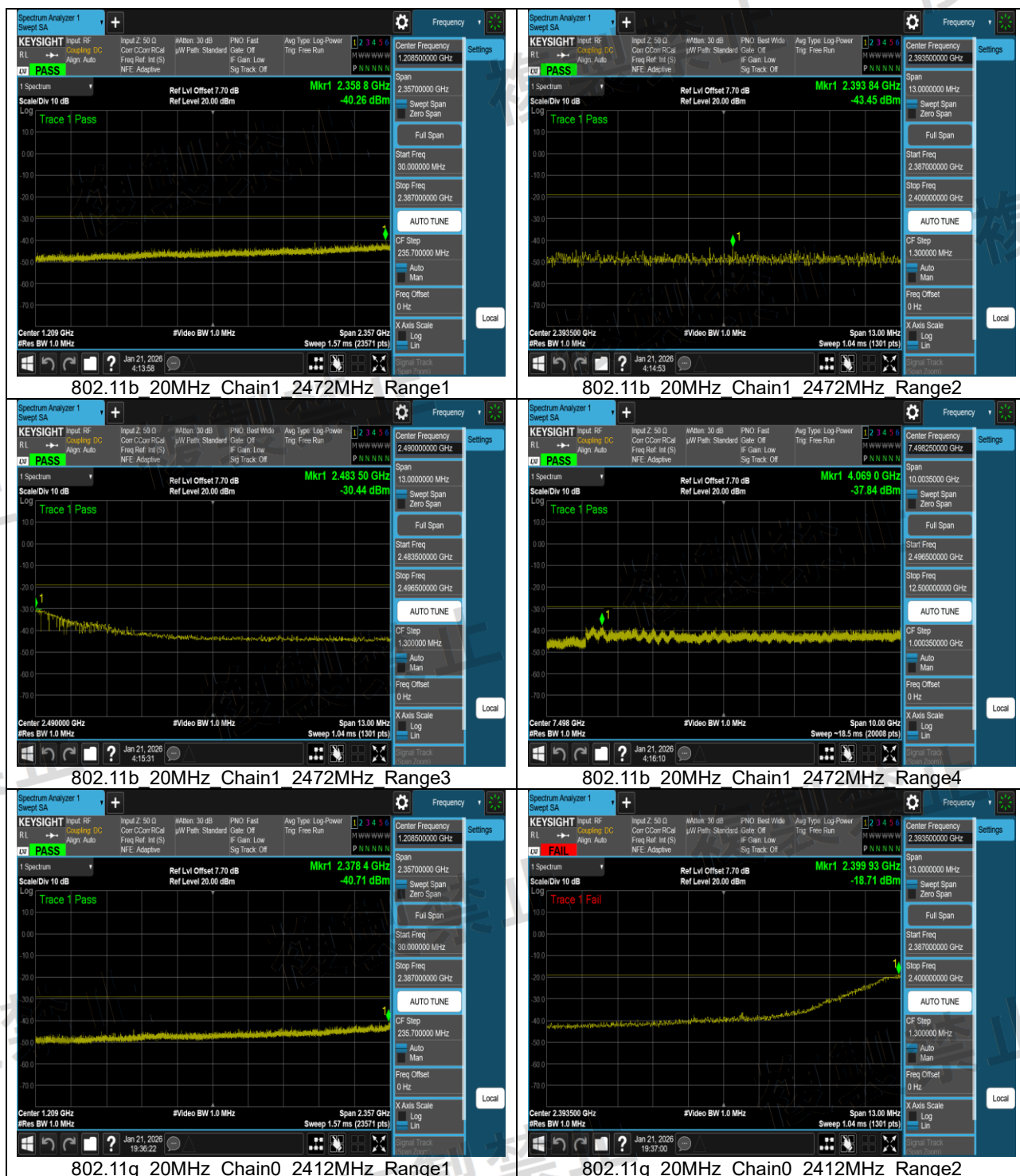
Unwanted Emission Strength (Chain 0&1)					
802.11ax_40MHz	unit	-----	-----	Limit	Result
Measurement Frequency	MHz	2422	2462	-----	-----
Channel Number	Ch.	3	11	-----	-----
Under 2387MHz (Chain0)	μW/MHz	0.1337	0.0676	≤ 1.25	PASS
	MHz	2380.2	2331.0	-----	
2387 ~ 2400MHz (Chain0)	μW/MHz	5.4075	0.0621	≤ 12.50	PASS
	MHz	2399.79	2394.08	-----	
2483.5 ~ 2496.5MHz (Chain0)	μW/MHz	0.0574	5.9979	≤ 12.50	PASS
	MHz	2491.62	2483.67	-----	
2496.5MHz ~ 12.5GHz (Chain0)	μW/MHz	0.1854	0.1507	≤ 1.25	PASS
	MHz	4073.5	3807.0	-----	
Under 2387MHz (Chain1)	μW/MHz	0.1486	0.0885	≤ 1.25	PASS
	MHz	2384.8	2303.6	-----	
2387 ~ 2400MHz (Chain1)	μW/MHz	0.1349	0.0593	≤ 12.50	PASS
	MHz	2399.952462	2399.96	-----	
2483.5 ~ 2496.5MHz (Chain1)	μW/MHz	0.0635	0.1479	≤ 12.50	PASS
	MHz	2491.85	2483.732823	-----	
2496.5MHz ~ 12.5GHz (Chain1)	μW/MHz	0.1734	0.1603	≤ 1.25	PASS
	MHz	3816.5	3851.5	-----	

Unwanted Emission Strength (Total)					
802.11ax_40MHz	unit	-----	-----	Limit	Result
Measurement Frequency	MHz	2422	2462	-----	-----
Channel Number	Ch.	3	11	-----	-----
Under 2387MHz	μW/MHz	0.2823	0.1561	≤ 2.50	PASS
	MHz	2384.80	2331.00	-----	
2387 ~ 2400MHz	μW/MHz	5.5424	0.1214	≤ 25.00	PASS
	MHz	2399.95	2399.96	-----	
2483.5 ~ 2496.5MHz	μW/MHz	0.1209	6.1458	≤ 25.00	PASS
	MHz	2491.85	2483.73	-----	
2496.5MHz ~ 12.5GHz	μW/MHz	0.3587	0.3110	≤ 2.50	PASS
	MHz	4073.50	3851.50	-----	

TEST PLOTS

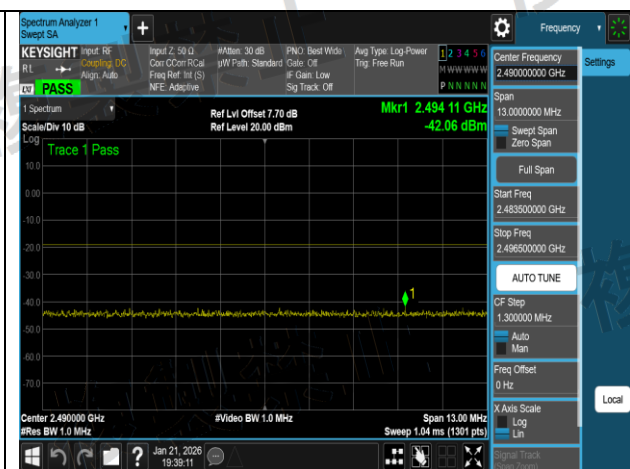








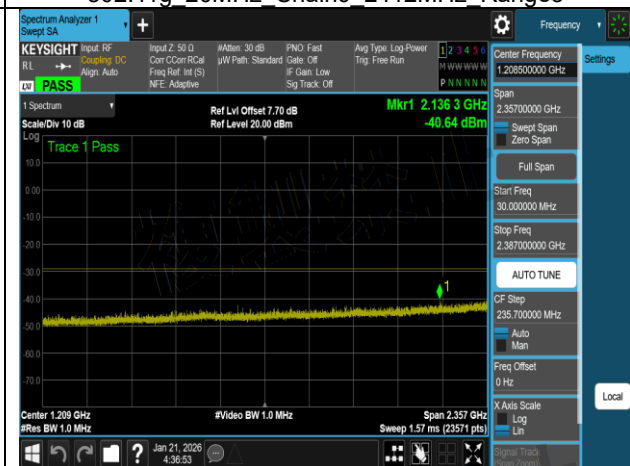
802.11g 20MHz Chain0 2412MHz Sample Range2



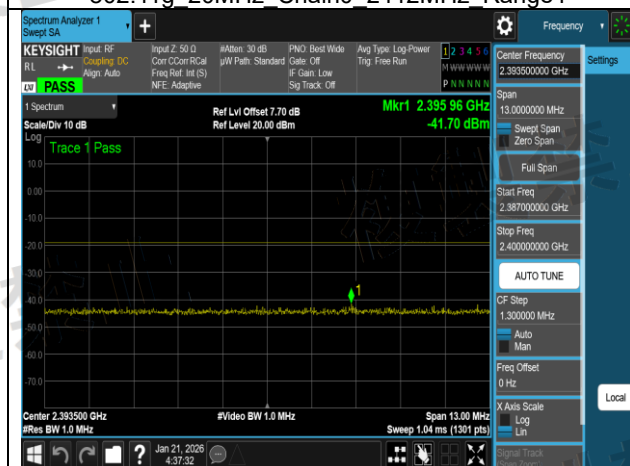
802.11g 20MHz Chain0 2412MHz Range3



802.11g 20MHz Chain0 2412MHz Range4



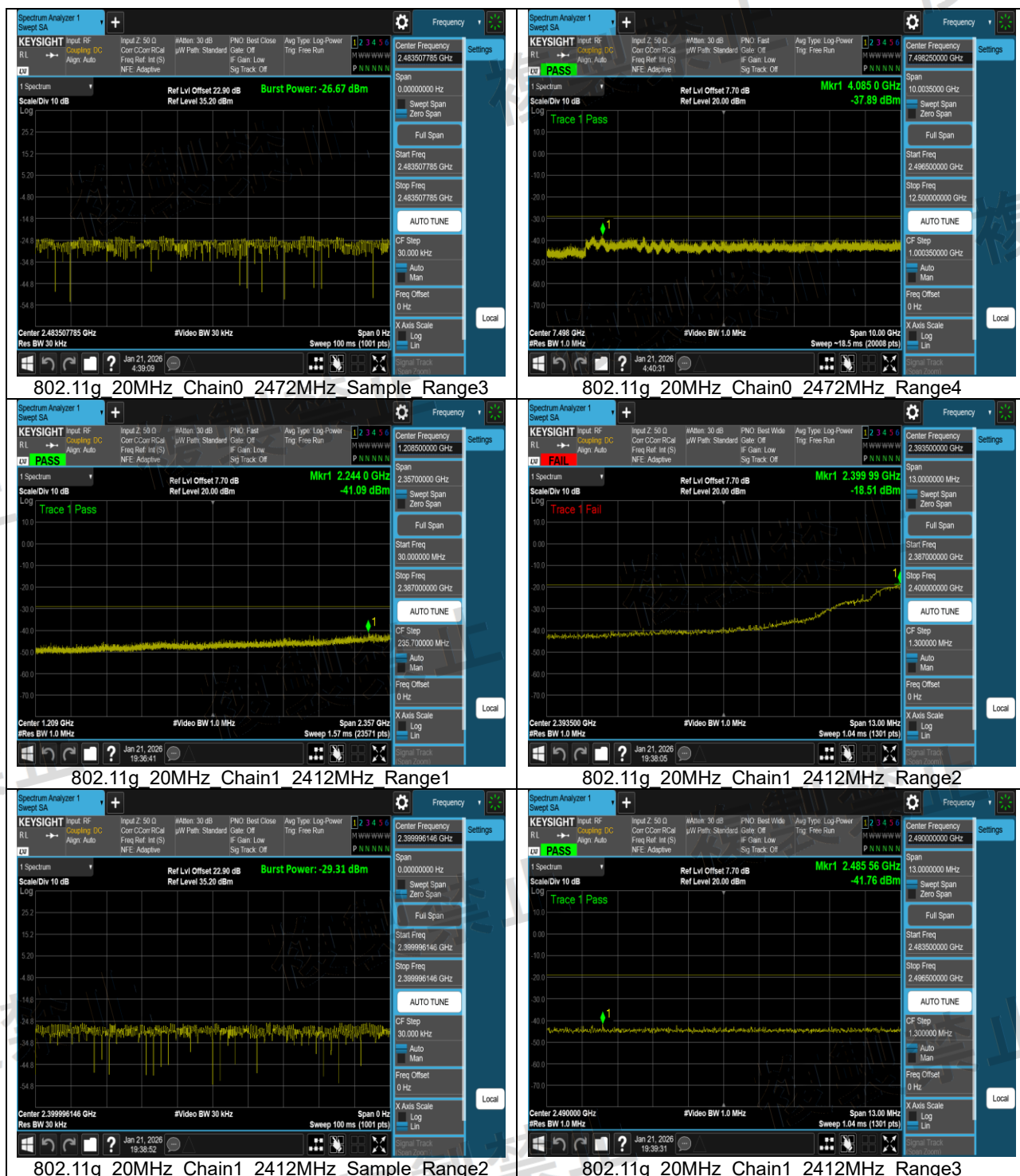
802.11g 20MHz Chain0 2472MHz Range1

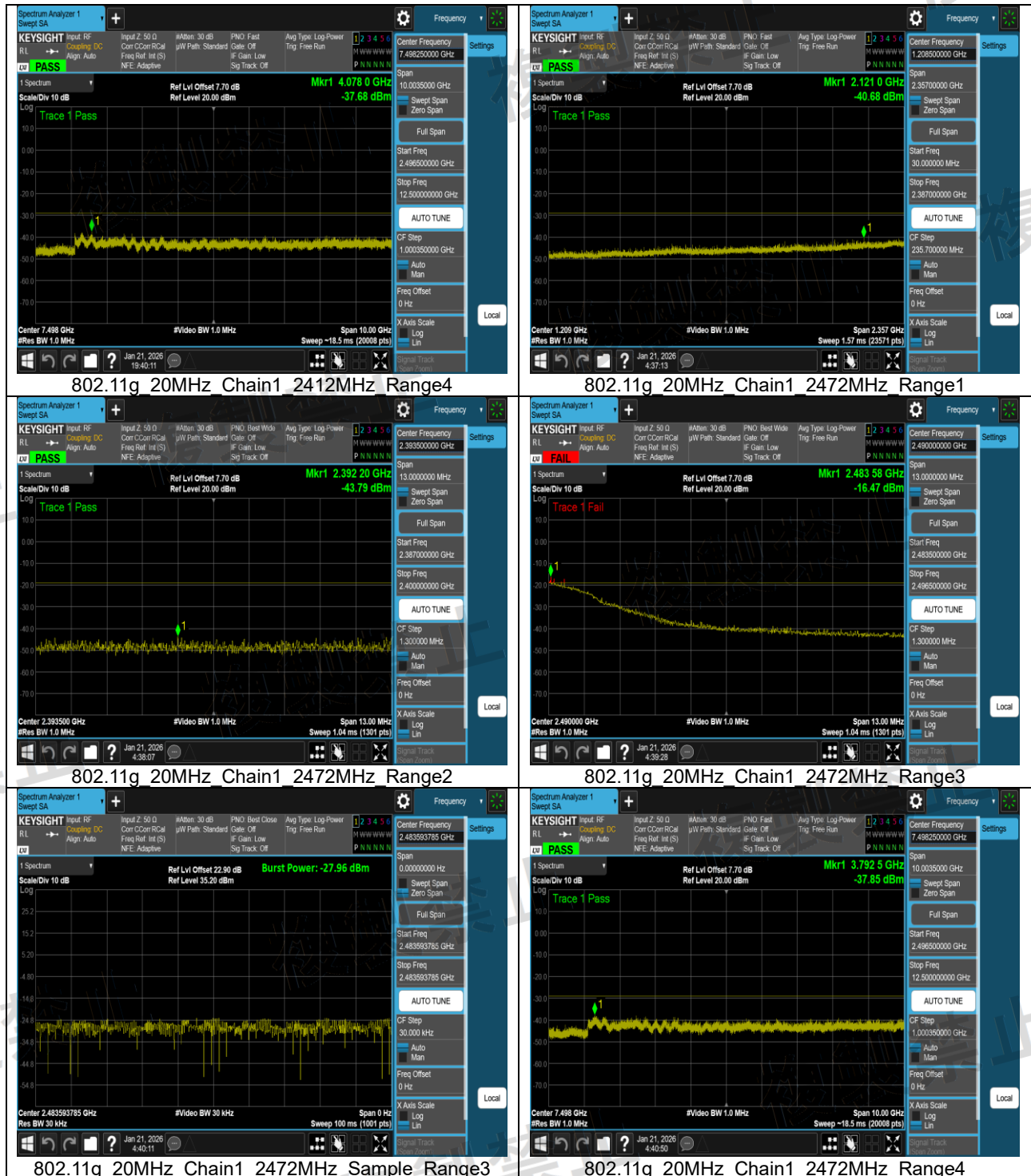


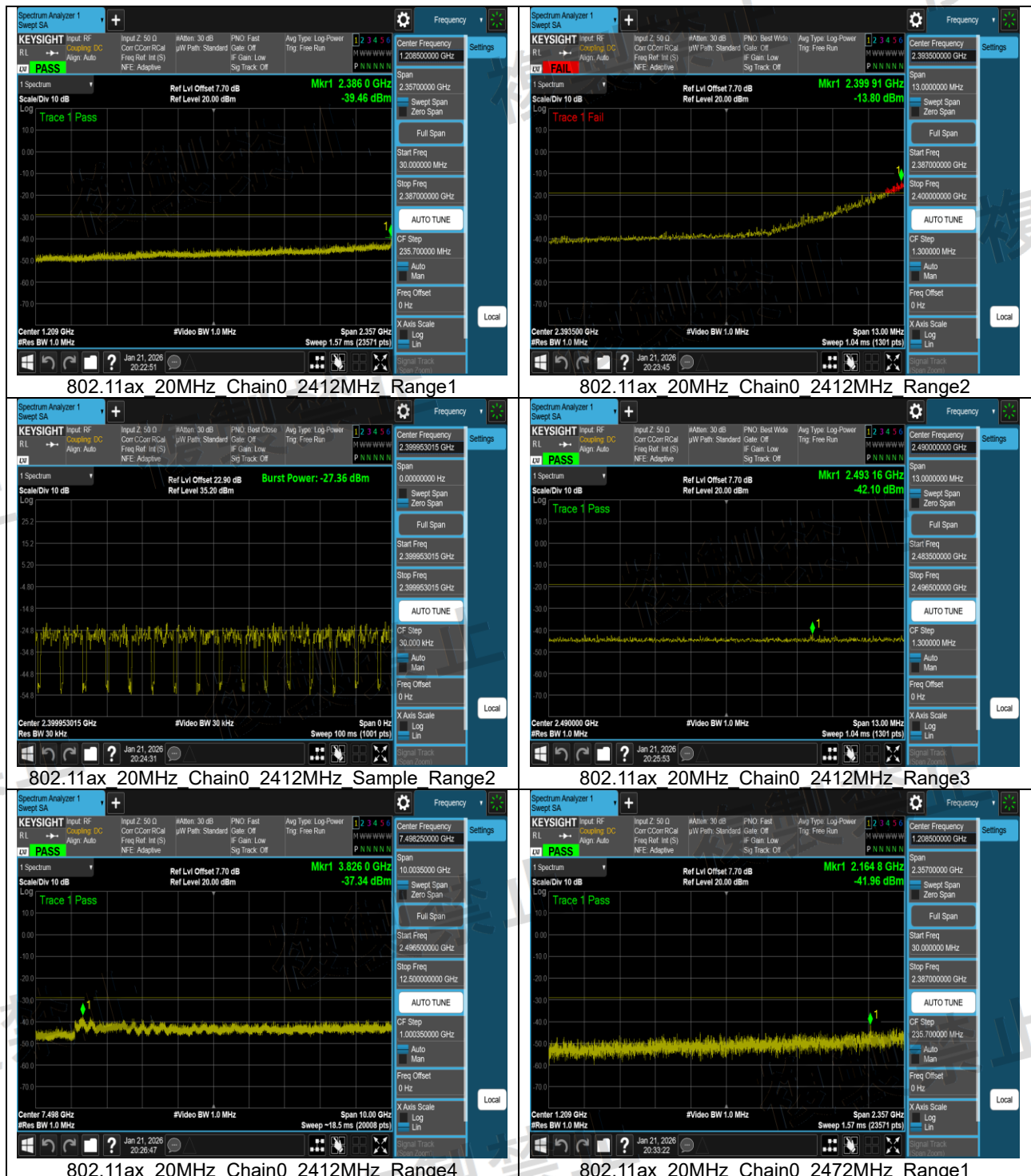
802.11g 20MHz Chain0 2472MHz Range2

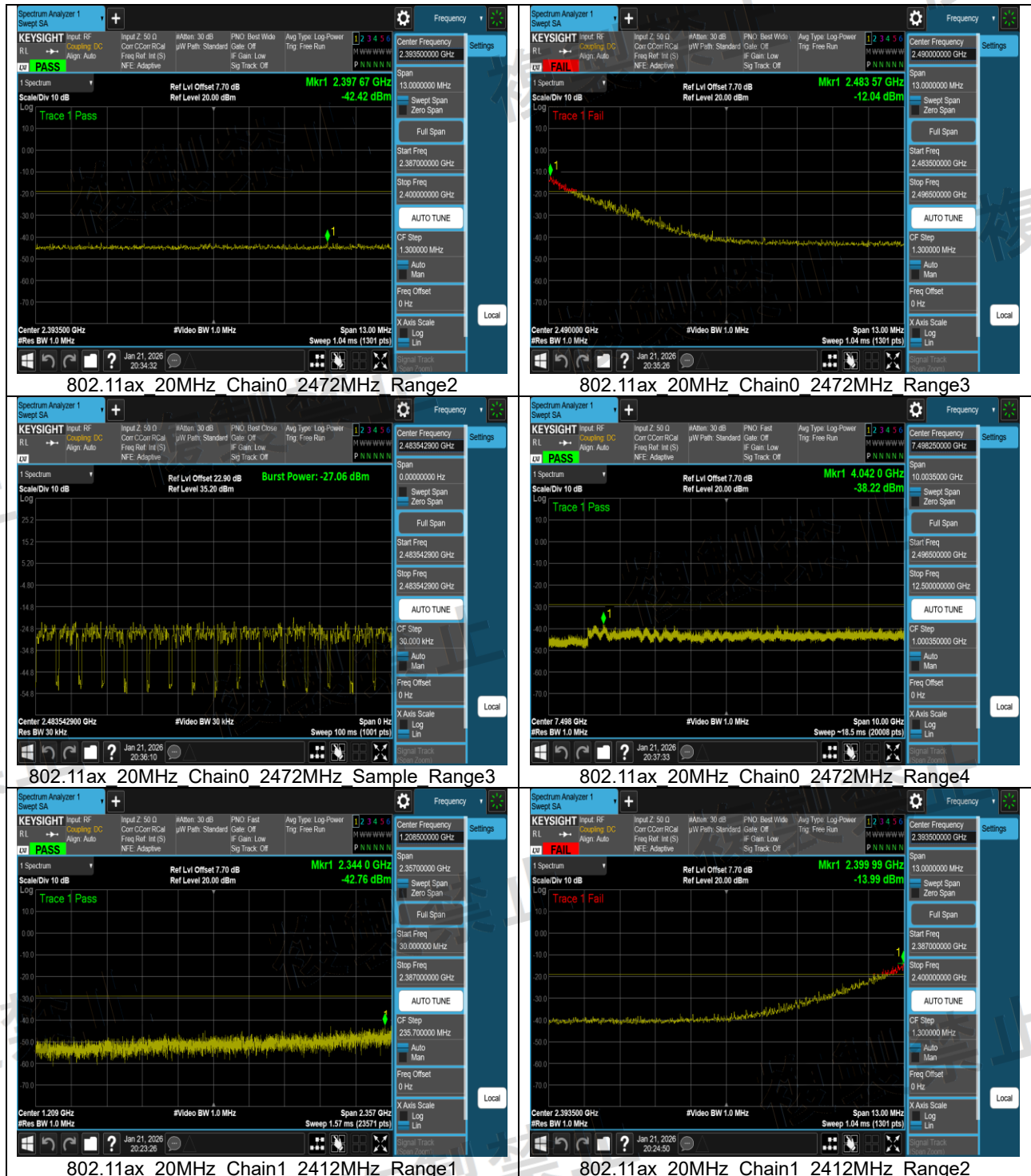


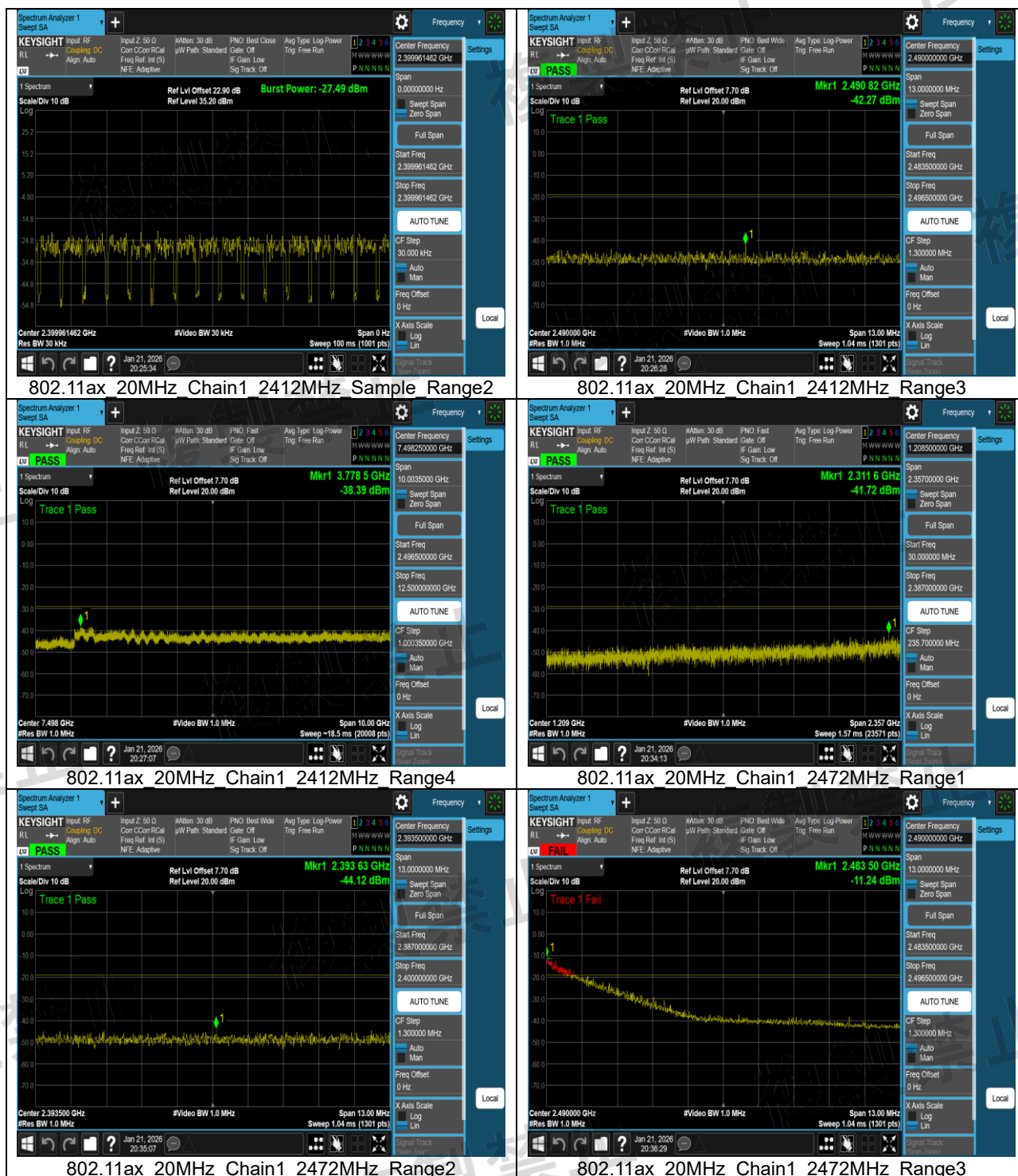
802.11g 20MHz Chain0 2472MHz Range3





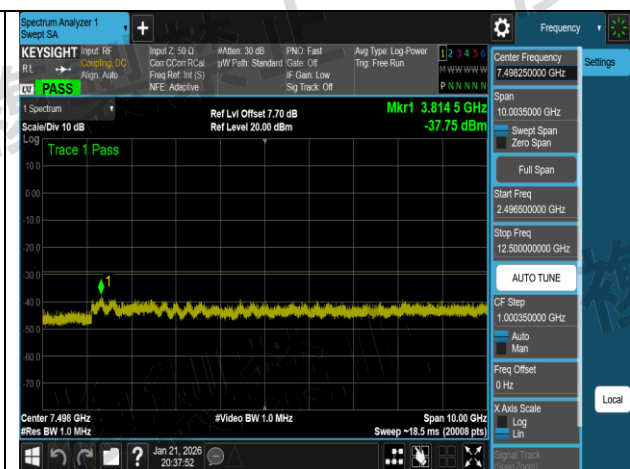








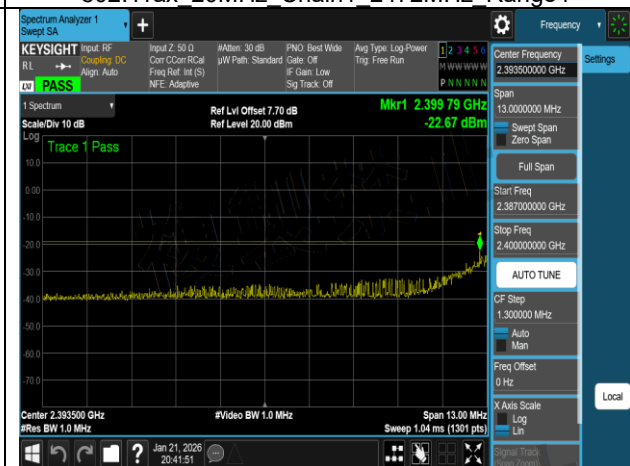
802.11ax 20MHz Chain1 2472MHz Sample Range3



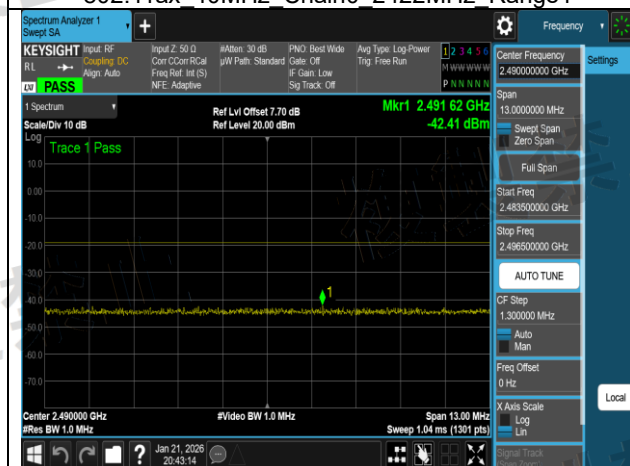
802.11ax 20MHz Chain1 2472MHz Range4



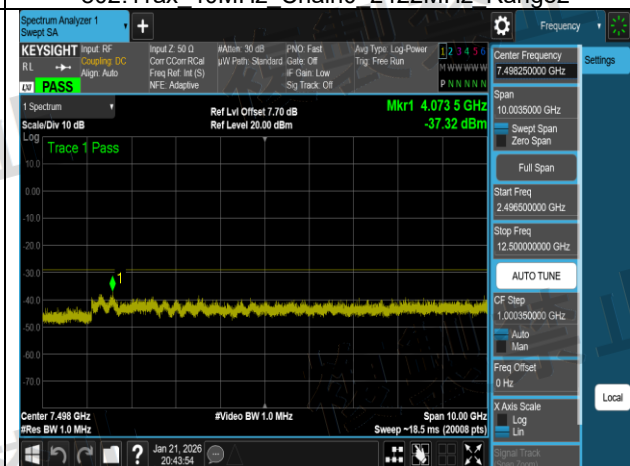
802.11ax 40MHz Chain0 2422MHz Range1



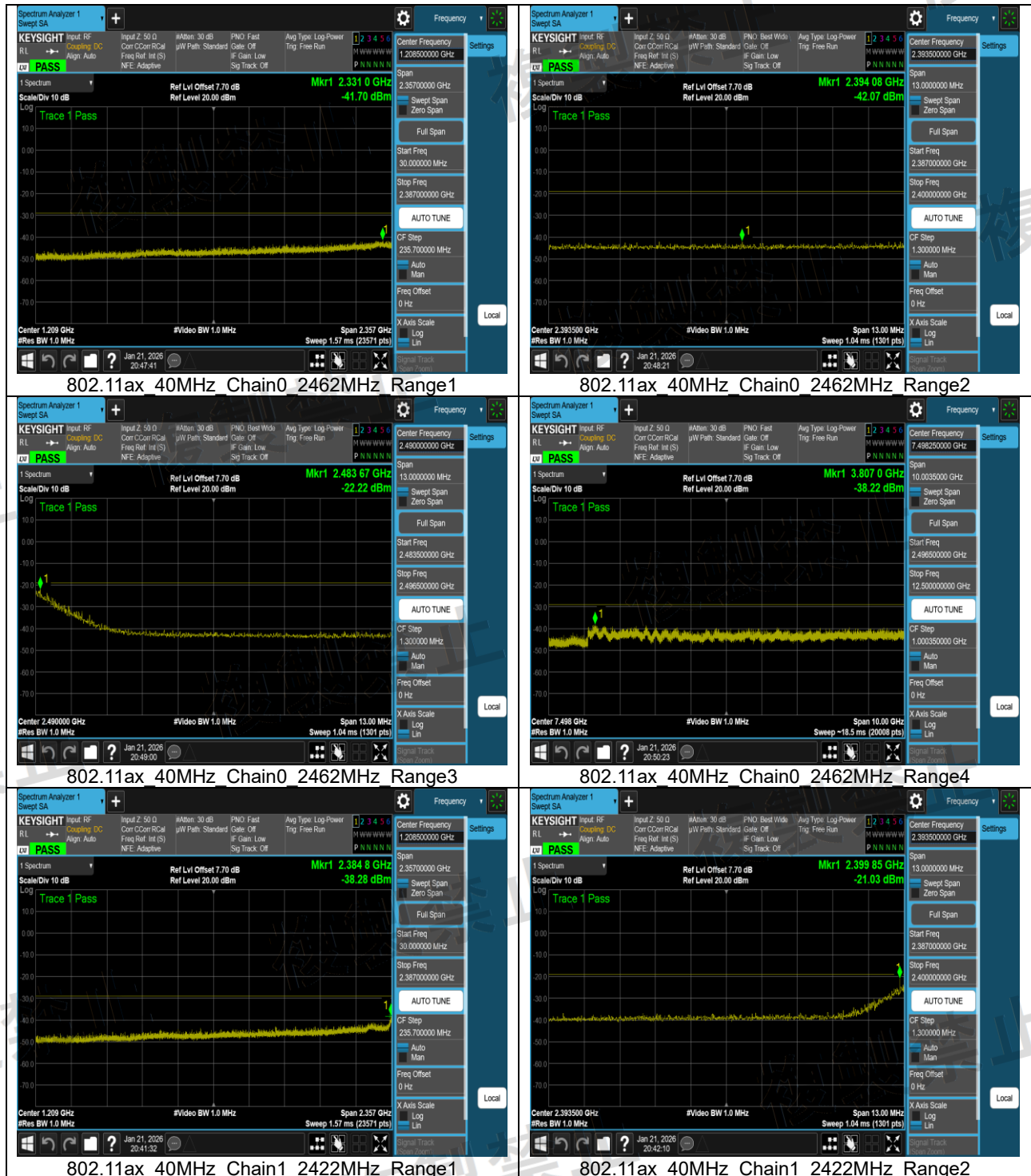
802.11ax 40MHz Chain0 2422MHz Range2



802.11ax 40MHz Chain0 2422MHz Range3

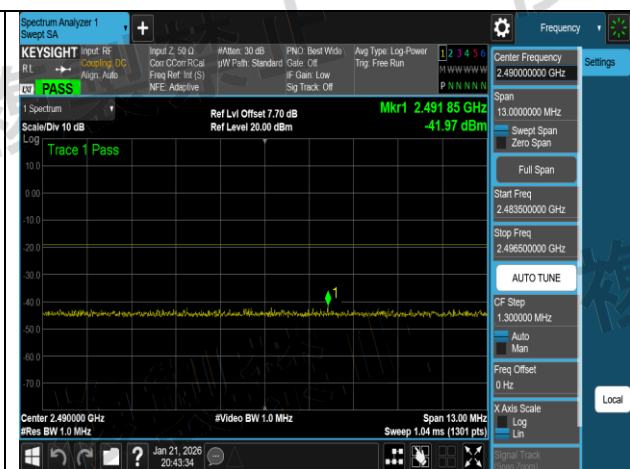


802.11ax 40MHz Chain0 2422MHz Range4





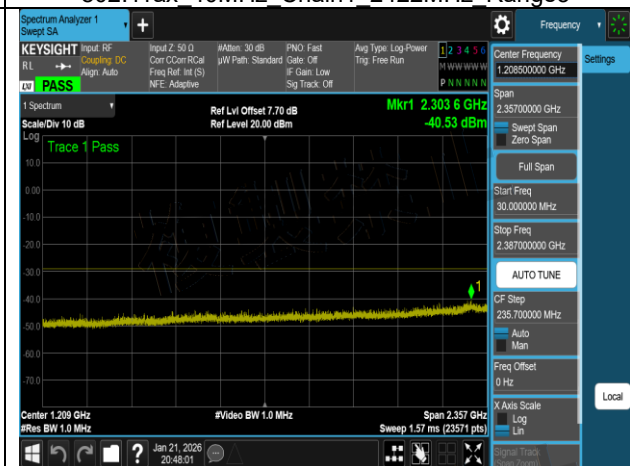
802.11ax 40MHz Chain1 2422MHz Sample Range2



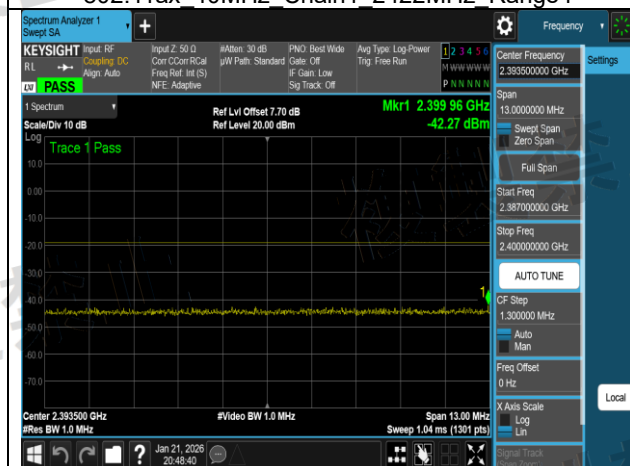
802.11ax 40MHz Chain1 2422MHz Range3



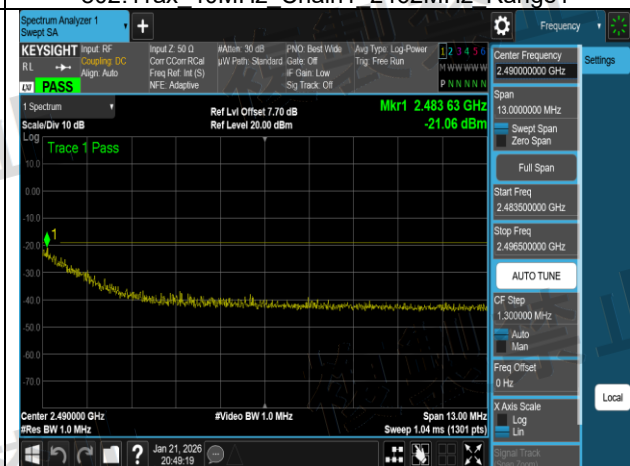
802.11ax 40MHz Chain1 2422MHz Range4



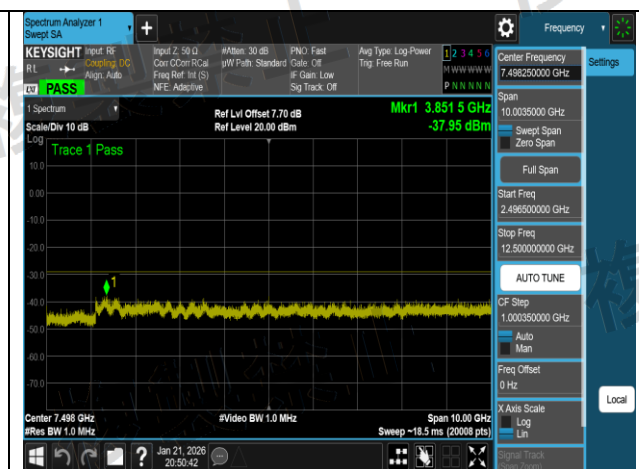
802.11ax 40MHz Chain1 2462MHz Range1



802.11ax 40MHz Chain1 2462MHz Range2



802.11ax 40MHz Chain1 2462MHz Range3



6.4 OCCUPIED BANDWIDTH (99%)

Temperature: 21.5 ~ 24.7°C

Test date: January 20 ~ 27, 2026

Humidity: 50 ~ 62% RH

Tested by: Marco Chan

TEST RESULT

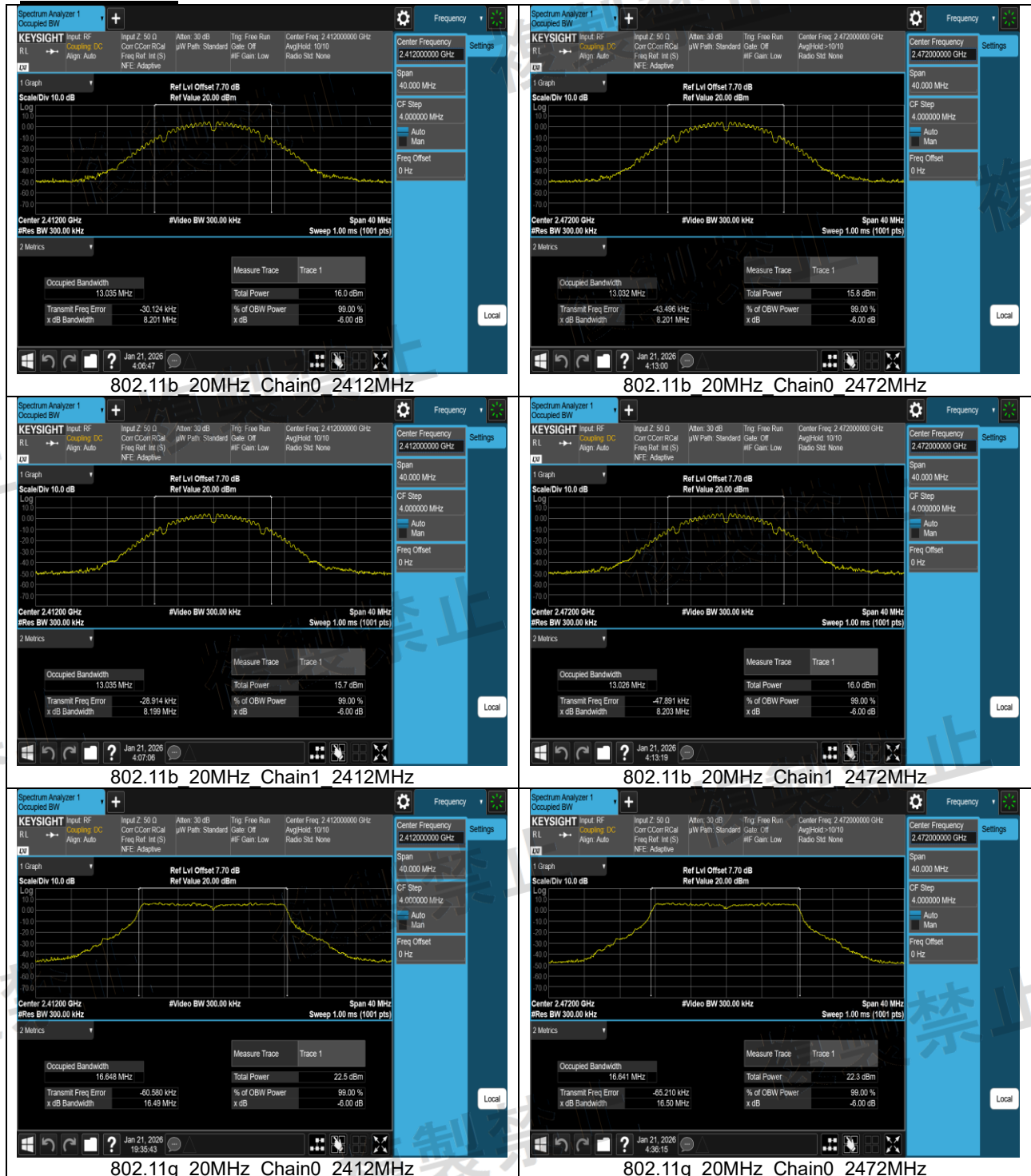
Occupied Bandwidth					
802.11b	unit	-----	-----	Limit	Result
Measurement Frequency	MHz	2412	2472	-----	-----
Channel Number	Ch.	1	13	-----	-----
Occupied Bandwidth (Chain0)	MHz	13.035	13.032	≤ 26	PASS
Occupied Bandwidth (Chain1)	MHz	13.035	13.026	≤ 26	PASS

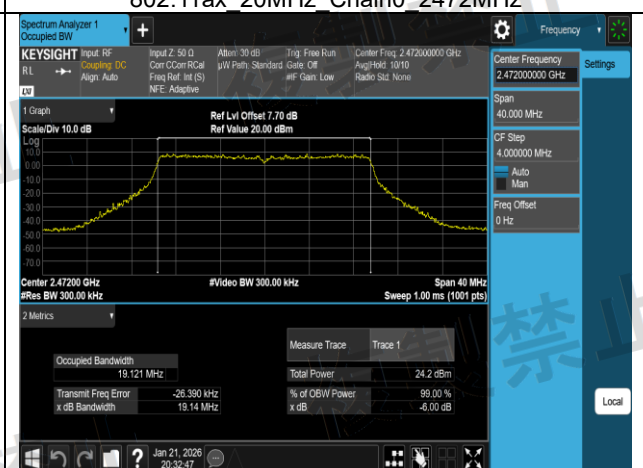
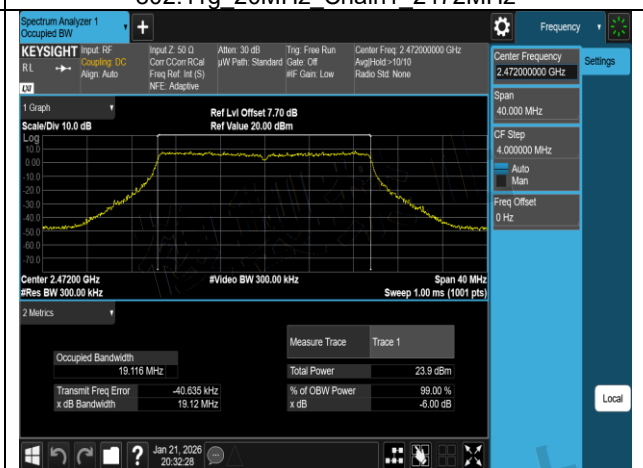
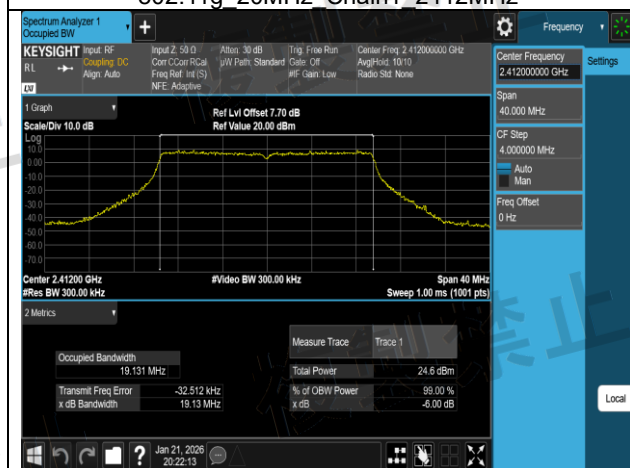
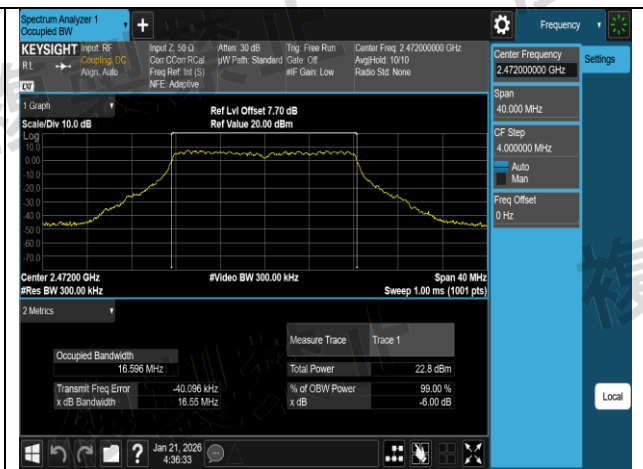
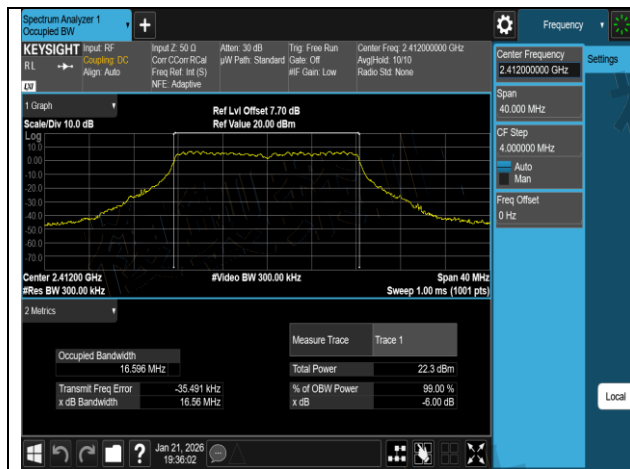
Occupied Bandwidth					
802.11g	unit	-----	-----	Limit	Result
Measurement Frequency	MHz	2412	2472	-----	-----
Channel Number	Ch.	1	13	-----	-----
Occupied Bandwidth (Chain0)	MHz	16.648	16.641	≤ 26	PASS
Occupied Bandwidth (Chain1)	MHz	16.596	16.596	≤ 26	PASS

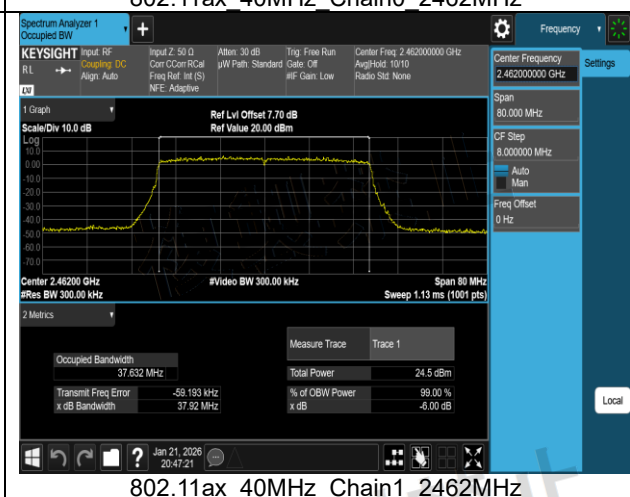
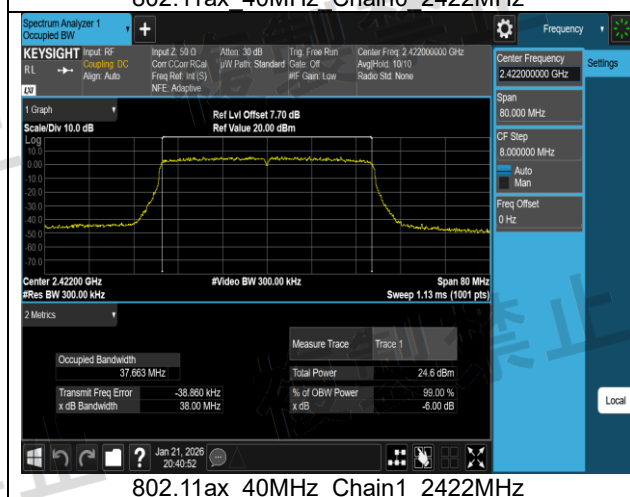
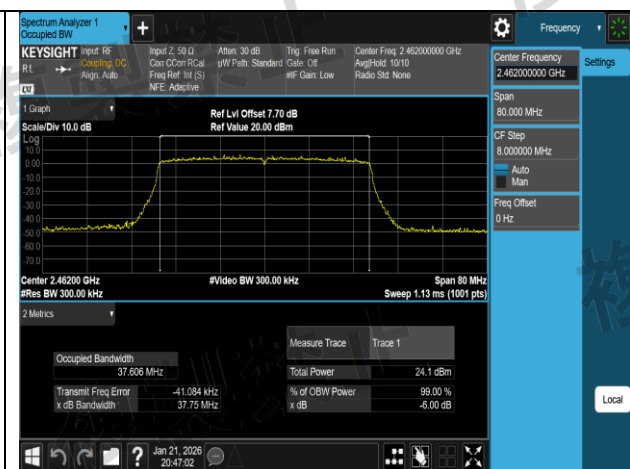
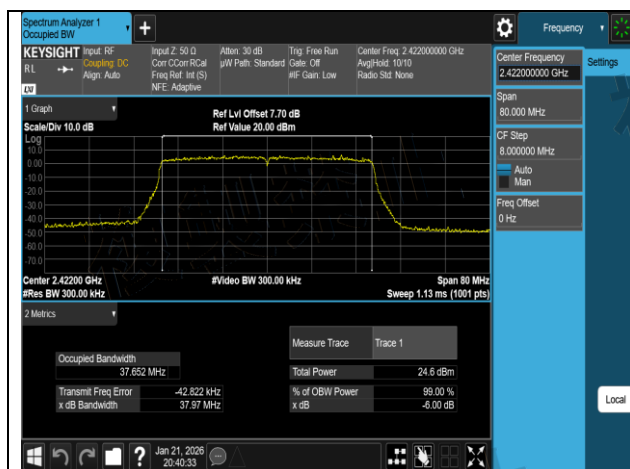
Occupied Bandwidth					
802.11ax_20MHz	unit	-----	-----	Limit	Result
Measurement Frequency	MHz	2412	2472	-----	-----
Channel Number	Ch.	1	13	-----	-----
Occupied Bandwidth (Chain0)	MHz	19.131	19.116	≤ 26	PASS
Occupied Bandwidth (Chain1)	MHz	19.111	19.121	≤ 26	PASS

Occupied Bandwidth					
802.11ax_40MHz	unit	-----	-----	Limit	Result
Measurement Frequency	MHz	2422	2462	-----	-----
Channel Number	Ch.	3	11	-----	-----
Occupied Bandwidth (Chain0)	MHz	37.652	37.606	≤ 40	PASS
Occupied Bandwidth (Chain1)	MHz	37.663	37.632	≤ 40	PASS

TEST PLOTS







6.5 LIMITATION OF COLLATERAL EMISSIONS OF RECEIVER

Temperature: 21.5 ~ 24.7°C
Humidity: 50 ~ 62% RH

Test date: January 20 ~ 27, 2026
Tested by: Marco Chan

TEST RESULT

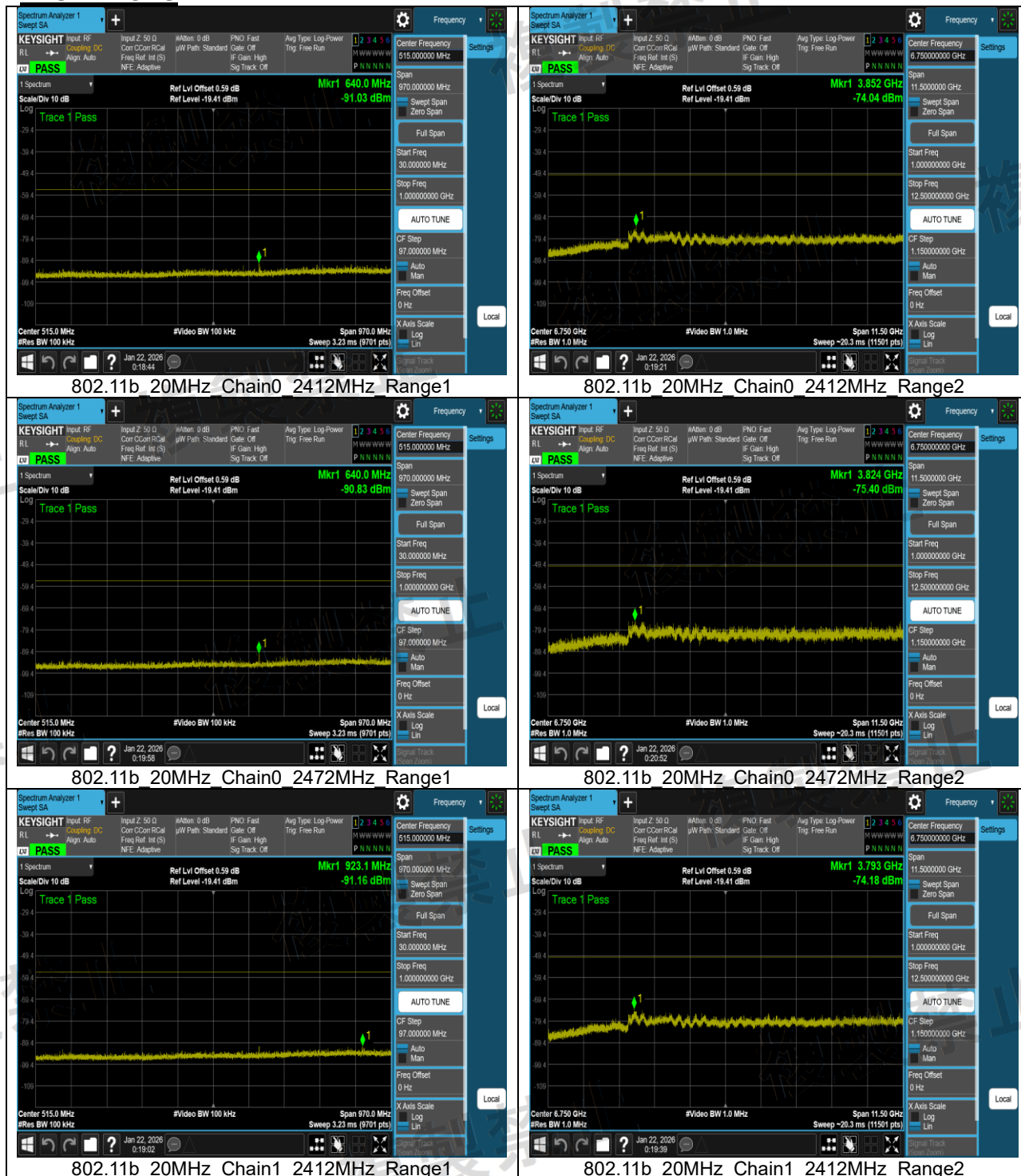
Secondarily emitted radio wave strength					
802.11b	unit	-----	-----	Limit	Result
Measurement Frequency	MHz	2412	2472	-----	-----
Channel Number	Ch.	1	13	-----	-----
Under 1GHz (Chain0)	nW	0.001	0.001	≤ 2.00	PASS
	MHz	640.0	640.0	-----	
1 - 12.5GHz (Chain0)	nW	0.039	0.029	≤ 10.00	PASS
	MHz	3852	3824	-----	
Under 1GHz (Chain1)	nW	0.001	0.001	≤ 2.00	PASS
	MHz	923.1	640.0	-----	
1 - 12.5GHz (Chain1)	nW	0.038	0.031	≤ 10.00	PASS
	MHz	3793	3776	-----	
Under 1GHz (Chain0+1)	nW	0.002	0.002	≤ 4.00	PASS
	MHz	923.10	640.00	-----	
1 - 12.5GHz (Chain0+1)	nW	0.078	0.060	≤ 20.00	PASS
	MHz	3852.00	3824.00	-----	

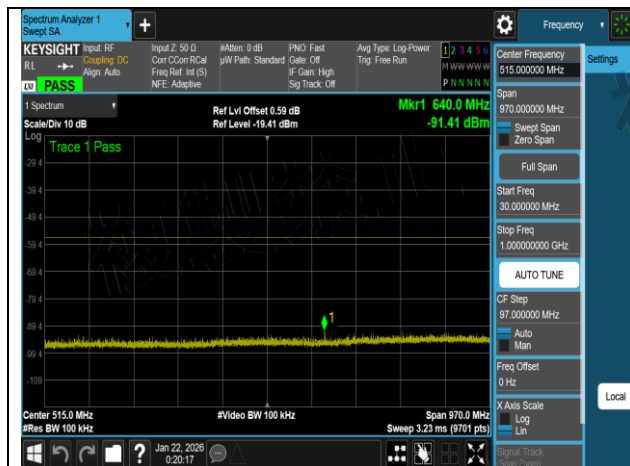
Secondarily emitted radio wave strength					
802.11g	unit	-----	-----	Limit	Result
Measurement Frequency	MHz	2412	2472	-----	-----
Channel Number	Ch.	1	13	-----	-----
Under 1GHz (Chain0)	nW	0.001	0.001	≤ 2.00	PASS
	MHz	640.0	640.0	-----	
1 - 12.5GHz (Chain0)	nW	0.033	0.031	≤ 10.00	PASS
	MHz	3989	4063	-----	
Under 1GHz (Chain1)	nW	0.001	0.001	≤ 2.00	PASS
	MHz	896.9	915.3	-----	
1 - 12.5GHz (Chain1)	nW	0.030	0.030	≤ 10.00	PASS
	MHz	3815	4036	-----	
Under 1GHz (Chain0+1)	nW	0.002	0.001	≤ 4.00	PASS
	MHz	896.90	915.30	-----	
1 - 12.5GHz (Chain0+1)	nW	0.063	0.061	≤ 20.00	PASS
	MHz	3989.00	4063.00	-----	

Secondarily emitted radio wave strength					
802.11ax_20MHz	unit	-----	-----	Limit	Result
Measurement Frequency	MHz	2412	2472	-----	-----
Channel Number	Ch.	1	13	-----	-----
Under 1GHz (Chain0)	nW	0.001	0.001	≤ 2.00	PASS
	MHz	640.0	969.6	-----	
1 - 12.5GHz (Chain0)	nW	0.032	0.034	≤ 10.00	PASS
	MHz	4794	4960	-----	
Under 1GHz (Chain1)	nW	0.001	0.001	≤ 2.00	PASS
	MHz	640.0	640.0	-----	
1 - 12.5GHz (Chain1)	nW	0.033	0.046	≤ 10.00	PASS
	MHz	4063	3799	-----	
Under 1GHz (Chain0+1)	nW	0.002	0.002	≤ 4.00	PASS
	MHz	640.00	969.60	-----	
1 - 12.5GHz (Chain0+1)	nW	0.066	0.081	≤ 20.00	PASS
	MHz	4794.00	4960.00	-----	

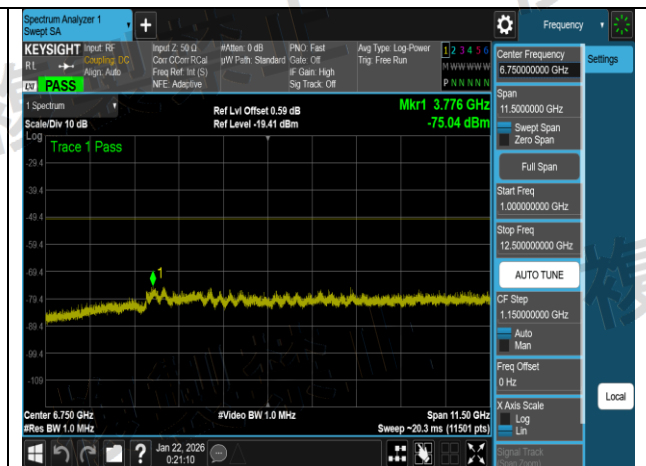
Secondarily emitted radio wave strength					
802.11ax_40MHz	unit	-----	-----	Limit	Result
Measurement Frequency	MHz	2422	2462	-----	-----
Channel Number	Ch.	3	11	-----	-----
Under 1GHz (Chain0)	nW	0.001	0.001	≤ 2.00	PASS
	MHz	640.0	640.0	-----	
1 - 12.5GHz (Chain0)	nW	0.033	0.029	≤ 10.00	PASS
	MHz	3847	3794	-----	
Under 1GHz (Chain1)	nW	0.001	0.001	≤ 2.00	PASS
	MHz	640.0	640.0	-----	
1 - 12.5GHz (Chain1)	nW	0.033	0.035	≤ 10.00	PASS
	MHz	3816	3814	-----	
Under 1GHz (Chain0+1)	nW	0.002	0.002	≤ 4.00	PASS
	MHz	640.00	640.00	-----	
1 - 12.5GHz (Chain0+1)	nW	0.066	0.063	≤ 20.00	PASS
	MHz	3847.00	3814.00	-----	

TEST PLOTS

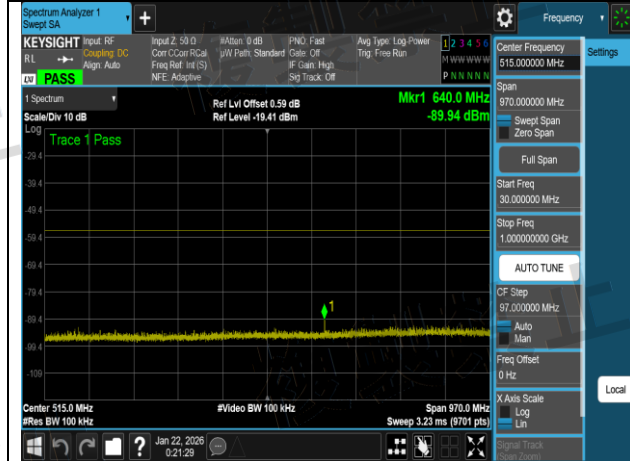




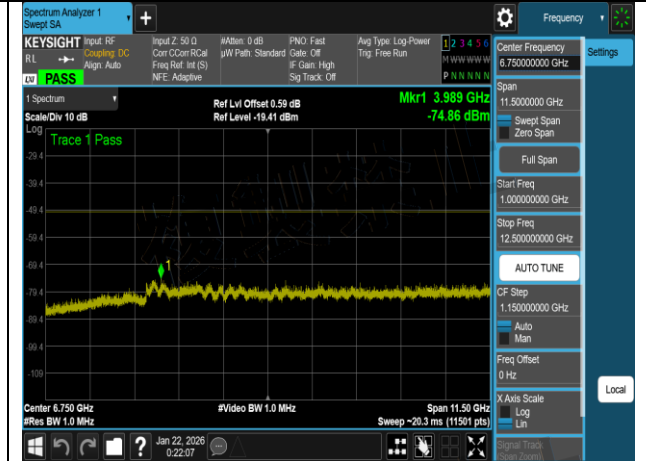
802.11b 20MHz Chain1 2472MHz Range1



802.11b 20MHz Chain1 2472MHz Range2



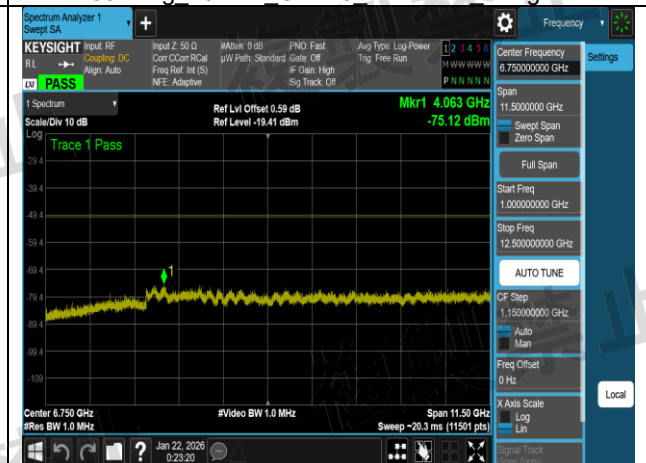
802.11g 20MHz Chain0 2412MHz Range1



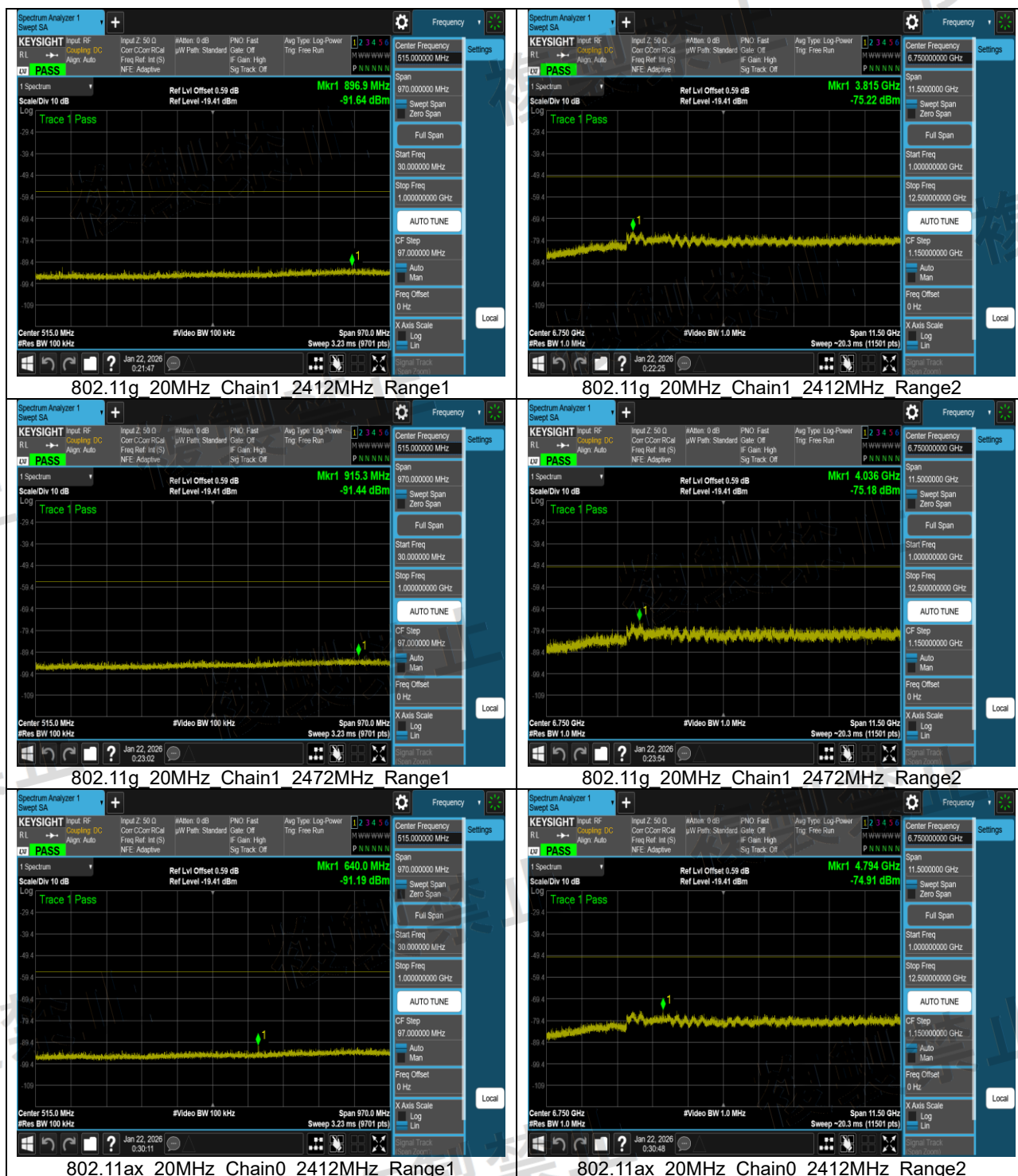
802.11g 20MHz Chain0 2412MHz Range2

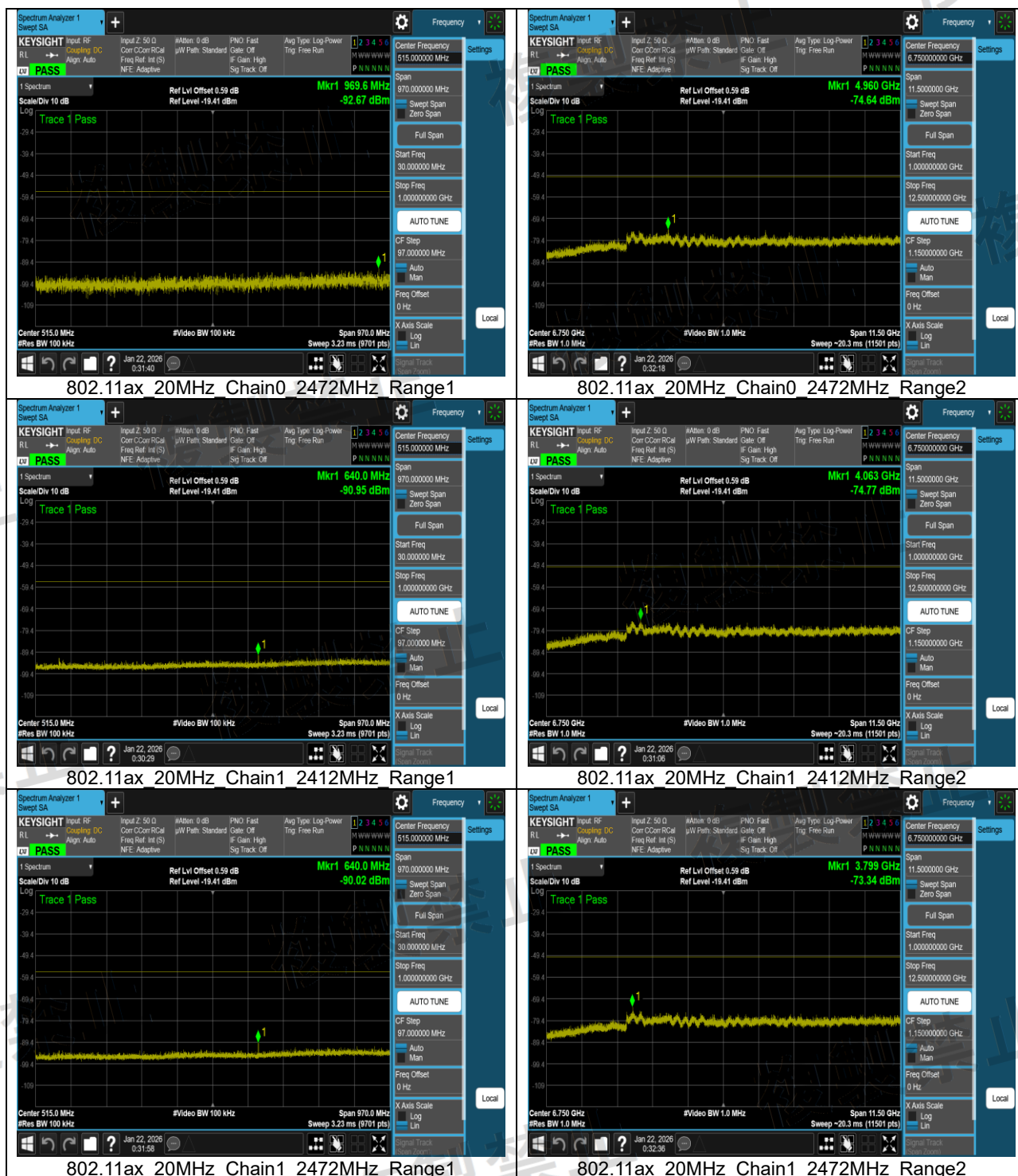


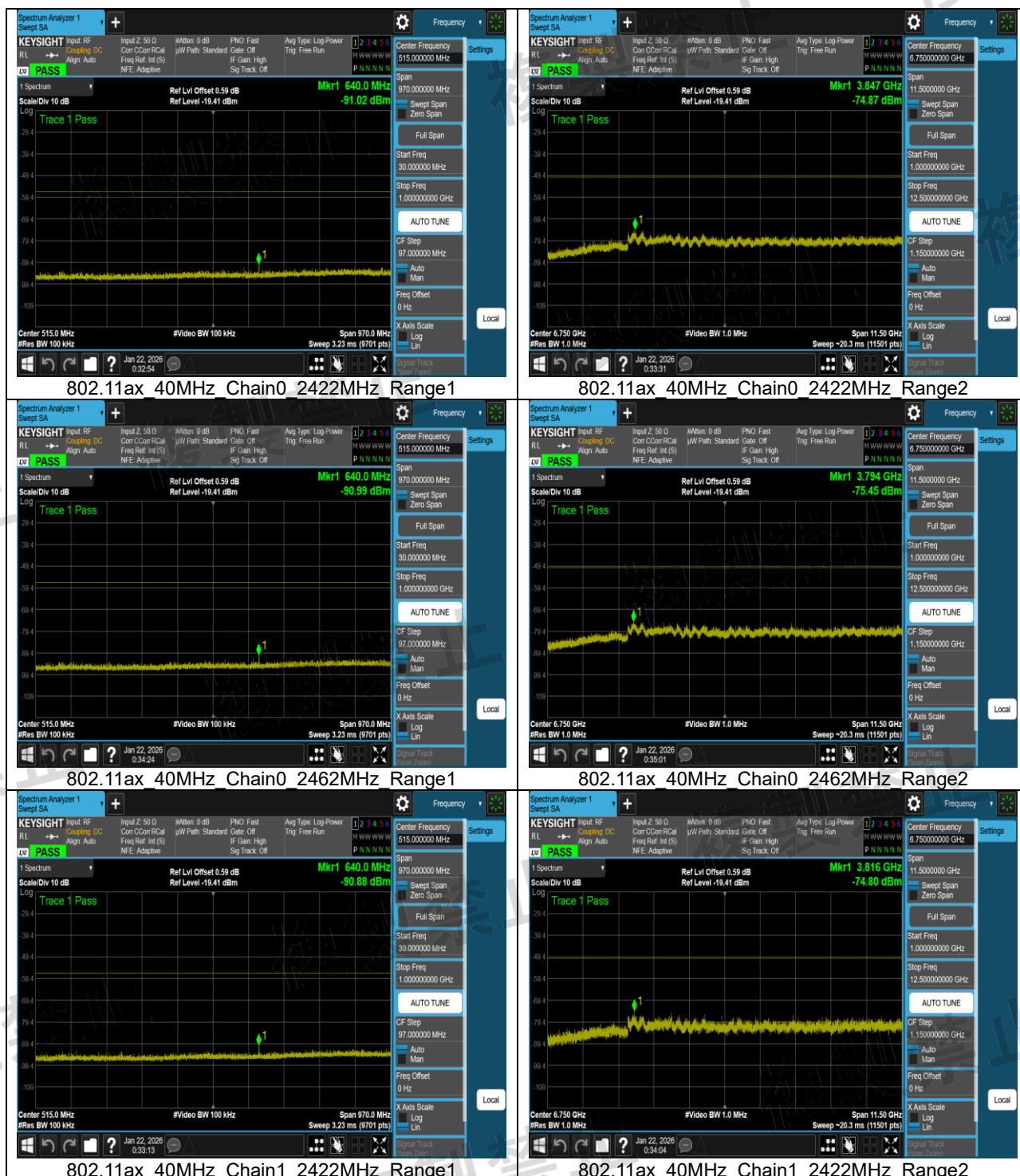
802.11g 20MHz Chain0 2472MHz Range1

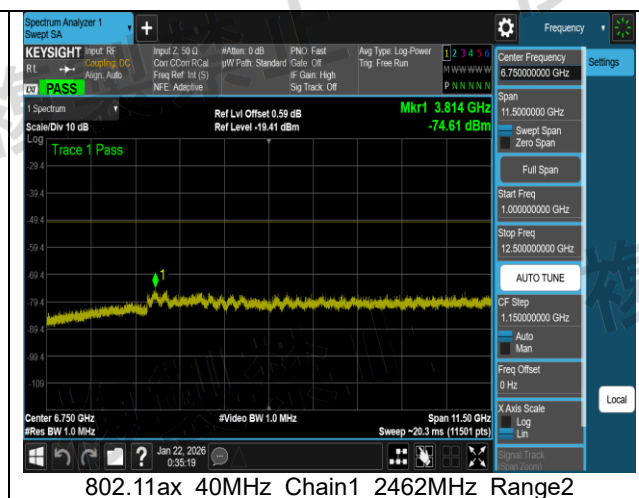
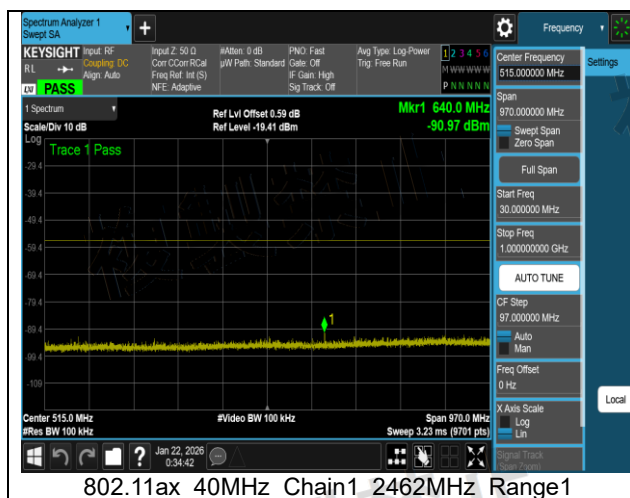


802.11g 20MHz Chain0 2472MHz Range2

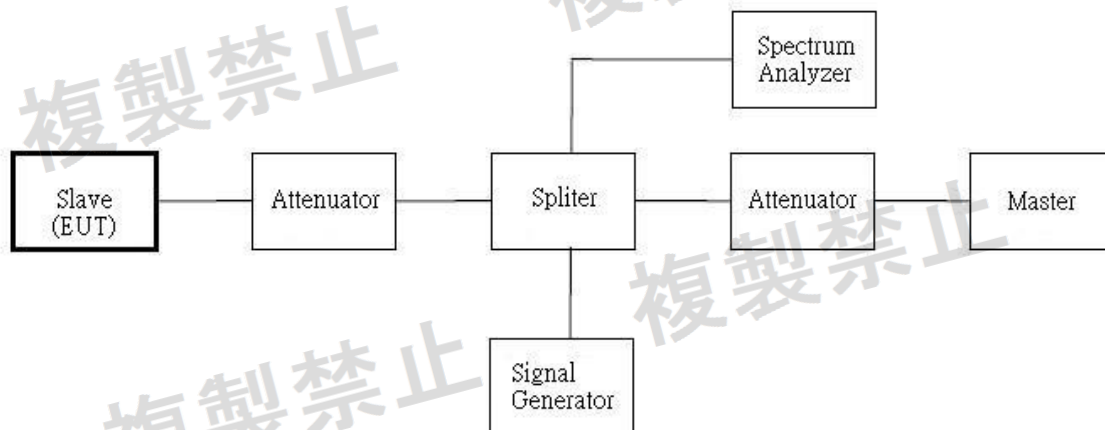








6.6 CARRIER SENSE CAPABILITY



Temperature: 24.2°C
Humidity: 55% RH

Test date: January 30, 2026
Tested by: Jerry Chang

TEST RESULT

IEEE 802.11n HT40

Channel	Limit (dBm)	Result (dBm)	Judgment
2422	-44.89	-78.22	PASS
2442	-44.96	-78.64	PASS
2462	-45.04	-78.46	PASS

SG reference level	disconnect Freq.(MHz)	disconnect level	Loss
-44.89	2422	-78.22	0.00
-44.96	2442	-78.64	0.00
-45.04	2462	-78.46	0.00

(SG to EUT path)

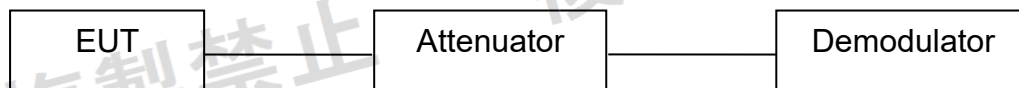
IEEE 802.11ax HE40

Channel	Limit (dBm)	Result (dBm)	Judgment
2422	-44.89	-78.49	PASS
2442	-44.96	-78.51	PASS
2462	-45.04	-78.89	PASS

SG reference level	disconnect Freq.(MHz)	disconnect level	Loss
-44.89	2422	-78.49	0.00
-44.96	2442	-78.51	0.00
-45.04	2462	-78.89	0.00

(SG to EUT path)

7. Interference Prevention Function



Interference Prevention Function	By identifying the characteristics of the modulation scheme of the received radio waves and others, shall be able to identify the reflected waves of the radio waves which local station transmitted and the radio waves transmitted by other radio stations.
MAC address	46:a8:42:ff:51:f0
Result	Pass

- End of Test Report -