TEST REPORT

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Report Number:	2401A109825E-RF-07C

Test Standard (s)

Item 19-3 of Article 2 Paragraph 1

Sample Description

Product Type:	Projector
Model No.:	D005
Multiple Model(s) No.:	D003, D004
Trade Mark:	N/A
Date Received:	2024-12-11
Issue Date:	2025-05-06

Test Result:	Pass▲

▲ In the configuration tested, the EUT complied with the standards above.

Prepared and Checked By:

Allen Bai
RF Engineer

Approved By:

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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DOCUMENT REVISION HISTORY

Revision Number	Report Number	Description of Revision	Date of Revision
0	2401A109825E-RF-07C	Original Report	2025-05-06

GENERAL INFORMATION

Product Description for Equipment under Test (EUT)

Product		Projector
Tested Model		D005
Multiple Model(s)		D003, D004
Radio Type		Wi-Fi
Technical Parameters	**Support Technical**	802.11a/n20/n40/ac20/ac40
	Modulation Type	OFDM
	Frequency Range	802.11a/n20/ac20: 5180-5240MHz 802.11n40/ac40: 5190-5230MHz
	Rated Output Power	5150-5250 MHz: 802.11a: 1.6 mW/MHz(Chain0),802.11a: 1.6 mW/MHz(Chain1); 802.11ac20: 1.5 mW/MHz(Chain0+Chain1); 802.11ac40: 0.8 mW/MHz(Chain0+Chain1)
	Antenna Gain#	ANT0=4.22dBi,ANT1=1.98dBi (It is provided by the applicant)
	TPC Function	Not support
Nominal Power Supply		DC 29V from adapter
Sample serial number		2X0Y-6 (Assigned by BACL, Shenzhen)
Sample/EUT Status		Good condition
Adapter Information		Model: SOY-2900380-410-B Input: AC 100-240V, 50/60Hz, 2.5A Max Output: DC 29.0V, 3.8A 110.2W
Note: The Multiple models are electrically identical with the test model except for model name and colors. 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 Radio Law of Japan item 19-3 of Article 2 Paragraph 1, Radio equipment for 5G band low-power data communications system.

Test Method

DSPR 5GHz 帯小電力データ通信システムの特性試験方法

Measurement Uncertainty

Item	Expanded Measurement uncertainty
Frequency Error	56.6Hz(k=2, 95% level of confidence)
RF output power, conducted	0.86dB(k=2, 95% level of confidence)
Unwanted Emission, conducted	1.60dB(k=2, 95% level of confidence)
Temperature	±1℃
Supply voltages	±0.4%
Time	±1%

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.

SYSTEM TEST CONFIGURATION

Description of Test Configuration

The system was configured for testing in an engineering mode which was selected by manufacturer.

Note: Evaluated VHT20/VHT40 mode only, due to similar modulation. The power setting of HT20/HT40 modes are the same or lower than VHT20/VHT40.

For 5150-5250MHz Band, 6 channels are provided to test:

Channel	Frequency (MHz)	Channel	Frequency (MHz)
36	5180	44	5220
38	5190	46	5230
40	5200	48	5240

For 802.11a/ac20 mode: channel 36, 40, 48 were tested; for 802.11ac40 mode: channel 38, 46 were tested.

The EUT has a power manage chip: FP6358S5CTR, 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.

EUT Exercise Software

EUT was test in SecureCRT and the power level set is as below. The power level was provided by applicant.

Mode	Data rate	Power Level_ANT0		
		Low Channel	Middle Channel	High Channel
802.11a	6Mbps	13	13	13
802.11ac20	MCS0	10	10	10
802.11ac40	MCS0	10	/	10
Mode	**Data rate**	**Power Level_ANT1**		
		Low Channel	**Middle Channel**	**High Channel**
802.11a	6Mbps	13	13	13
802.11ac20	MCS0	10	10	10
802.11ac40	MCS0	10	/	10

Equipment Modifications

No modification was made to the EUT tested.

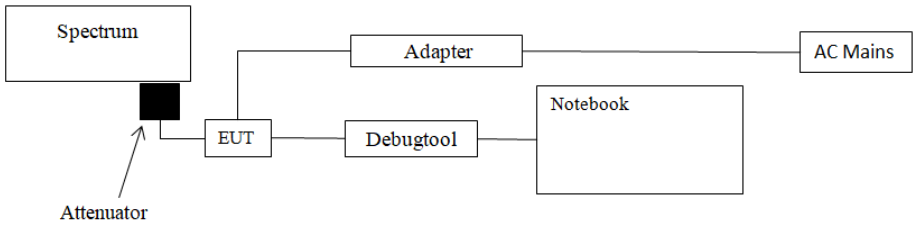
Support Equipment List and Details

Manufacturer	Description	Model	Serial Number
Neutop	Debugtool	Unknown	Unknown
Dell	Notebook	Latitude 7280	B0CB5M2

External I/O Cable

Cable Description	Length(m)	From/Port	To
Shielded un-detachable DC cable	1.2	EUT	Adapter
Unshielded detachable AC cable	1.5	Adapter	AC Mains
Unshielded un-detachable type-B cable	1.0	Debugtool	Notebook
Unshielded un-detachable type-C cable	1.0	EUT	Debugtool

Configuration of Test Setup



SUMMARY OF TEST RESULTS

Item	Description of Test	Result
1	Frequency Tolerance	Compliant
2	Occupied Bandwidth	Compliant
3	Transmitter Spurious Emission Strength and out-Band Leakage Power	Compliant
4	Output Power and Output Power Tolerance	Compliant
5	Adjacent Channel Power	Compliant
6	Secondary Radiated Emission Strength	Compliant
7	Radio Interference Prevention Capability	Compliant
8	Transmission Burst Length	Compliant
9	Carrier Sense Function	Compliant
10	Transmission Power Control Function (TPC)	Not Applicable
11	DFS Function	Not Applicable
12	Construction Protection Confirmation	Compliant

Note: MIC Ordinance Regulating Radio Equipment Section 4.17 of Article 49.20
Not Applicable: the EUT only support the W52 band.

TEST EQUIPMENT LIST

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date	Calibration Authority	Calibration Method
Tonscend	RF control Unit	JS0806-2	19D8060154	2024/08/06	2025/08/05	BACL Cal	c)
MARCONI	10dB Attenuator	6534/3	2942	2024/06/27	2025/06/26	BACL	d)
Rohde & Schwarz	Spectrum Analyzer	FSV40	101473	2024/12/04	2025/12/03	BACL Cal	c)
WEINSCHEL	Power Splitter	1515	RH476	2024/06/27	2025/06/26	BACL	d)
Micro-Tronics	RF Cable	8082135	W1113	2024/06/27	2025/06/26	BACL	d)
Micro-Tronics	RF Cable	UFA210A	804504	2024/06/27	2025/06/26	BACL	d)
Keysight	MXG Vector Signal Generator	N5182B	MY53051503	2024/12/04	2025/12/03	BACL Cal	c)
Unknown	Power Splitter	PD2	2000-600	2024/06/27	2025/06/26	BACL	d)
Rohde&Schwarz	Wideband Radio Communication Tester	CMW500	141718	2024/08/06	2025/08/05	BACL Cal	c)

Note: Calibration Method

a) Calibration conducted by the National Institute of Information and Communications Technology (NICR) 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 Tolerance

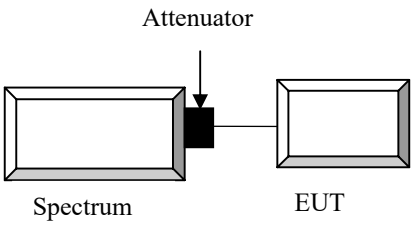
Limit

Item	Limits
Frequency Tolerance	±20ppm

Test Procedure

Set the EUT to the measurement frequency with modulation.
Setting of SA is following as:

- Center Frequency: Frequency to measure
- RBW: 10 kHz, VBW: 10 kHz
- Span: Wide enough to capture bandwidth.
- 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



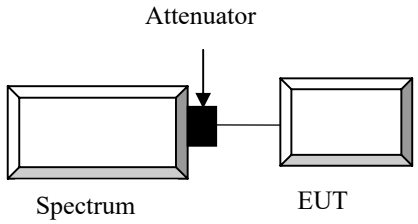
Occupied Bandwidth

Limit

Item	Limits
Occupied Bandwidth:	≤18MHz(20MHz Mode DSSS,etc.)
	≤20MHz(20MHz Mode OFDM)
	≤40MHz (40MHz Mode OFDM)
	≤80MHz (80MHz Mode OFDM)

Test Procedure

1. Setting of SA is following as: RB: 300 kHz / VB: 300 kHz / SPAN: two times nominal bandwidth / Sweep time: Auto or more / Sweep Mode: Continuous sweep / Detect mode: Positive peak / Trace mode: Max hold
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 Out Of Band Leakage Power

Limit

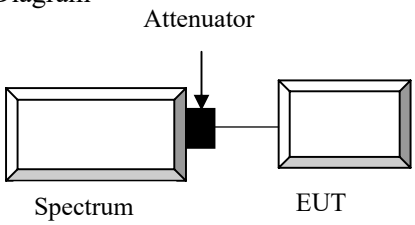
W52			
20MHz system		40MHz system	80MHz system
OBW : 18MHz or less	OBW : 18 - 20 MHz		
5,142 MHz or less : 2.5 μW/MHz	5,142 MHz or less : 2.5 μW/MHz	5,141.6 MHz or less : 2.5 μW/MHz	5,123.2 MHz or less : 2.5 μW/MHz
5,142 - 5,150 MHz : 15 μW/MHz	5,142 - 5,150 MHz : 15 μW/MHz	5,141.6 - 5,150 MHz : 15 μW/MHz	5,123.2 - 5,150 MHz : 15 μW/MHz
	5,250 - 5,250.2 MHz : $10^{1-(8/3)(f-9.75)}$mW/MHz		
5,250 - 5,251 MHz : $10^{1-(f-9)}$mW/MHz	5,250.2 - 5,251 MHz : $10^{1-(f-9)}$mW/MHz	5,250 - 5,251 MHz : $10^{-(f-20)+log(1/2)}$mW/MHz	5,250 - 5,251 MHz : $10^{-(f-40)+log(1/4)}$mW/MHz
5,251 - 5,260 MHz : $10^{-1-(8/90)(f-11)}$mW/MHz	5,251 - 5,260 MHz : $10^{-1-(8/90)(f-11)}$mW/MHz	5,251 - 5,270 MHz : $10^{-(8/190)(f-21)-1+log(1/2)}$mW/MHz	5,251 - 5,290 MHz : $10^{-(8/390)(f-41)-1+log(1/4)}$mW/MHz
5,260 - 5,266.7 MHz : $10^{-1.8-(6/50)(f-20)}$mW/MHz	5,260 - 5,266.7 MHz : $10^{-1.8-(6/50)(f-20)}$mW/MHz	5,270 - 5,278.4 MHz : $10^{-(3/50)(f-40)-1.8+log(1/2)}$mW/MHz	5,290 - 5,296.7 MHz : $10^{-(3/100)(f-80)-1.8+log(1/4)}$mW/MHz
5,266.7 MHz or more : 2.5 μW/MHz	5,266.7 MHz or more : 2.5 μW/MHz	5,278.4 MHz or more : 2.5 μW/MHz	5,296.7 MHz or more : 2.5 μW/MHz
f = MHz, Difference from 5240 (MHz)	f = MHz, Difference from 5240 (MHz)	f = MHz, Difference from 5230 (MHz)	f = MHz, Difference from 5210 (MHz)

W53			
20MHz system		40MHz system	80MHz system
OBW : 18MHz or less	OBW : 18 - 20 MHz		
5,233.3 MHz or less : 2.5 μW/MHz	5,233.3 MHz or less : 2.5 μW/MHz	5,221.6 MHz or less : 2.5 μW/MHz	5,203.3 MHz or less : 2.5 μW/MHz
5,233.3 - 5,240 MHz : $10^{-1.8-(6/50)(f-20)}$mW/MHz	5,233.3 - 5,240 MHz : $10^{-1.8-(6/50)(f-20)}$mW/MHz	5,221.6 - 5,230 MHz : $10^{-(3/50)(f-40)-1.8+log(1/2)}$mW/MHz	5,203.3 - 5,210 MHz : $10^{-(3/100)(f-80)-1.8+log(1/4)}$mW/MHz
5,240 - 5,249 MHz : $10^{-1-(8/90)(f-11)}$mW/MHz	5,240 - 5,249 MHz : $10^{-1-(8/90)(f-11)}$mW/MHz	5,230 - 5,249 MHz : $10^{-(8/190)(f-21)-1+log(1/2)}$mW/MHz	5,210 - 5,249 MHz : $10^{-(8/390)(f-41)-1+log(1/4)}$mW/MHz
5,249 - 5,250 MHz : $10^{1-(f-9)}$mW/MHz	5,249 - 5,249.8 MHz : $10^{1-(f-9)}$mW/MHz	5,249 - 5,250 MHz : $10^{-(f-20)+log(1/2)}$mW/MHz	5,249 - 5,250 MHz : $10^{-(f-40)+log(1/4)}$mW/MHz
5,350 MHz or more : 2.5 μW/MHz	5,249.8 - 5,250 MHz : $10^{1-(8/3)(f-9.75)}$mW/MHz	5,350 - 5,358.4 MHz : 15 μW/MHz	5,350 - 5,376.8 MHz : 15 μW/MHz
	5,350 MHz or more : 2.5 μW/MHz	5,358.4 MHz or more : 2.5 μW/MHz	5,376.8 MHz or more : 2.5 μW/MHz
f = MHz, Difference from 5260 (MHz)	f = MHz, Difference from 5260 (MHz)	f = MHz, Difference from 5270 (MHz)	f = MHz, Difference from 5290 (MHz)

W56			
20MHz system		40MHz system	80MHz system
DSSS, etc.	OFDM		
5,470 MHz or less : 12.5 uW/MHz	5,460 MHz or less : 2.5 uW/MHz	5,460 MHz or less : 12.5 uW/MHz	5,460 MHz or less : 12.5 uW/MHz
	5,460 - 5,470 MHz : 12.5 uW/MHz	5,460 - 5,470 MHz : 50 uW/MHz	5,460 - 5,469.5 MHz : 50 uW/MHz
5,730 MHz or more : 12.5 uW/MHz	5,745 - 5,765 MHz : 12.5 uW/MHz	5,770 MHz or more : 12.5 uW/MHz	5,469.5 - 5,470 MHz : 51.2 uW/MHz
	Over 5,765 MHz : 2.5 uW/MHz		'5,770 MHz or more : 12.5 uW/MHz

Test Procedure

Measurement System Diagram



Conditions of Application Equipment (EUT)

- The modulation state shall be “continuous transmitting mode” by spread spectrum.

Spectrum Analyzer Conditions:

- Span: Measuring Frequency Range
- RBW: 100kHz(Below 1GHz)/1MHz(Above 1GHz)
- VBW: Same as RBW
- Sweep time: Auto or more (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.

Output Power and Output Power Tolerance

Limit

For 5.2 GHz Band:

Item	Limits		
	20MHz	40MHz	80MHz
Antenna Power	10mW/MHz	5mW/MHz	2.5mW/MHz
E.I.R.P.	10mW/MHz	5mW/MHz	2.5mW/MHz
Antenna Power Tolerance	≤+20%, -80%		

For 5.3 GHz Band:

Item	Limits		
	20MHz	40MHz	80MHz
Antenna Power	10mW/MHz	5mW/MHz	2.5mW/MHz
E.I.R.P.	10mW/MHz (with TPC function)	5mW/MHz (with TPC function)	2.5mW/MHz (with TPC function)
	5mW/MHz (without TPC function)	2.5mW/MHz (without TPC function)	1.25mW/MHz (without TPC function)
Antenna Power Tolerance	≤+20%, -80%		

For 5.6 GHz Band:

Item	Limits		
	20MHz	40MHz	80MHz
Antenna Power	10mW/MHz	5mW/MHz	2.5mW/MHz
E.I.R.P.	50mW/MHz (with TPC function)	25mW/MHz (with TPC function)	12.5mW/MHz (with TPC function)
	25mW/MHz (without TPC function)	12.5mW/MHz (without TPC function)	6.25mW/MHz (without TPC function)
Antenna Power Tolerance	≤+50%, -50%		

Test Procedure

Step 1:
Connect the UUT to the spectrum analyzer and use the following settings:

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

Step 2:
When the trace is complete, find the peak value of the power envelope and record the frequency.

Step 3:
Make the following changes to the settings of the spectrum analyser:

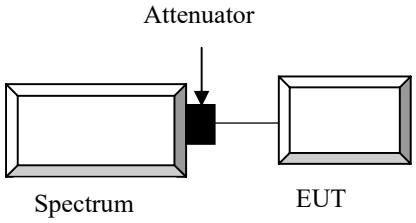
- Measurement Mode: Time Domain Power
- Centre Frequency: Equal to the frequency recorded in step 2.
- Span: Zero Span.
- Resolution BW: 1 MHz.
- Video BW: 1 MHz.
- Sweep Mode: Single..
- Detector: Sample.
- Trace Mode: Clear Write.

Step 4:
When the trace is complete, use the time domain power function of the analyzer measure the mean power average across one pulse on period, this level is recorded as D.

Step 5:
The maximum e.i.r.p. spectral density is calculated from the above measured power density (D), the observed duty cycle x, and the applicable antenna assembly gain "G" in dBi, according to the formula below. If more than one antenna assembly is intended for this power setting, the gain of the antenna assembly with the highest gain shall be used.

- PD = D + G;
- PD shall be recorded in the test report.

Test Setup Block diagram



Adjacent Channel Power

Applicable Standard

According to item 19-3 of Article 2 Paragraph 1.

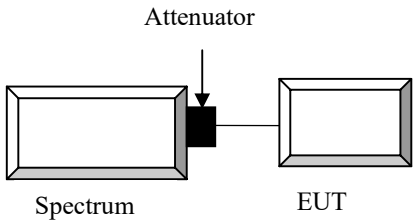
Limit

Item	Limits
Adjacent Channel Power	≥25dB (fc±80MHz)Channel power bandwidth 80MHz
	≥25dB (fc±40MHz)Channel power bandwidth 40MHz
	≥40dB (fc±80MHz) Channel power bandwidth 40MHz
	≥25dB (fc±20MHz)Channel power bandwidth 20MHz
	≥40dB (fc±40MHz) Channel power bandwidth 20MHz

Test Procedure

1. EUT have transmitted the maximum modulation signal and fixed channelize.
2. Setting of SA is following as: RB: 300 kHz / VB: 300 kHz / Sweep time: Auto / Sweep Mode: Continuous sweep / Detect mode: Positive peak / Trace mode: Max hold
3. SA set the Channel Power Function and Channel Bandwidth: 40MHz and Center Frequency: The center frequency of testing for EUT (Such as 5190MHz). Then SA automatically calculate the channel power of EUT and A is representative of this channel power
4. SA set the Channel Power Function and Channel Bandwidth: 40MHz and Center Frequency: The center frequency of testing for EUT (Such as 5190MHz) ±40MHz. Then SA automatically subtract the first adjacent channel power of EUT from channel power, the value must more than 25dB.
5. SA set the Channel Power Function and Channel Bandwidth: 40MHz and Center Frequency: The center frequency of testing for EUT (Such as 5190MHz) ±80MHz. Then SA automatically subtract the second adjacent channel power of EUT form channel power, the value must more than 40dB.

Test Setup Block diagram



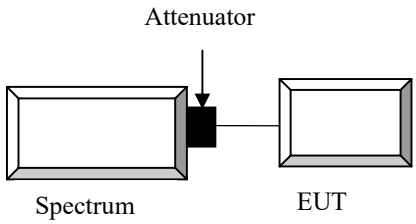
Receiver Secondary Radiated Emission Strength

Limit

4nW or below (Frequency range: 30MHz – 1GHz); 20n W or below (frequency range: 1GHz – 26GHz).

Test Procedure

Measurement System Diagram



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 26GHz)
- 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
- Log scale: 10dB/Div, Data points: 501points (400 points or more)
- Detection: Positive Peak
- Reference Level: Enough level for maximum dynamic range

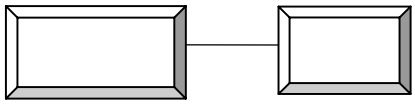
Radio Interference Prevention Capability

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.

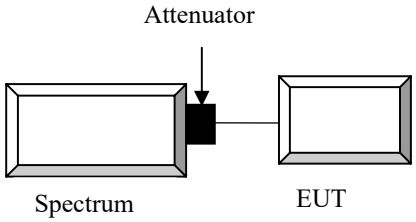
Transmission Burst Length

Limit

Item	Limit
Transmission Burst Length	≤8 ms

Test Procedure

Measurement System Diagram



1. The transmitter output (antenna port) was connected to the spectrum analyzer
2. Set RBW of spectrum analyzer to 1MHz and VBW to 3MHz.
3. Use a video trigger with the trigger level set to enable triggering only on full pulses.
4. Sweep Time is more than once pulse time.
5. Set the center frequency on any frequency would be measure and set the frequency span to zero span.
6. Measure the maximum time duration of one single pulse.

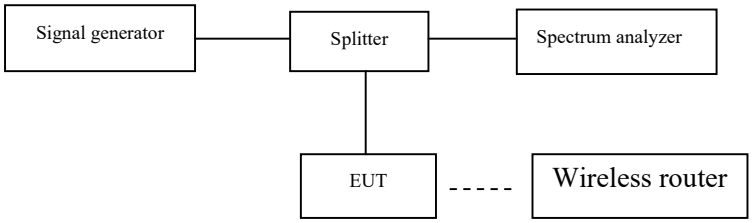
Carrier Sensing Function

Limit

EUT stop RF transmission signal after carrier inject to EUT

Test Procedure

Measurement System Diagram



Conditions of Application Equipment (EUT)

- The EUT state shall be “normal mode link with wireless router”.

Test Procedure

1. SG adjusted the frequency as same as the EUT transmitted signal and emitted the absence of modulation from SG.
2. Turn off the RF signal of the SG.
3. EUT have transmitted the maximum modulation signal and fixed channelize.
4. Setting of SA: RBW/VBW=1MHz/1MHz, Span=50MHz,Sweep time=auto,Sweep mode=continuous, Detect mode=positive peak
5. SG RF signal on.
6. EUT shall be stop the transmitted any signal and SG RF signal off, the EUT will be continuous transmitted signal.

TEST DATA AND RESULTS

Frequency Tolerance

Test Information:

Sample No.:	2X0Y-6	**Test Date:**	2025/02/14
Test Site:	RF	**Test Mode:**	Transmitting
Tester:	Kungfumaster Liang	**Test Result:**	Pass

Environmental Conditions:

Temperature: (°C):	22.1-24.5	**Relative Humidity: (%)**	39-42	**ATM Pressure: (kPa)**	101

Test Condition: NV

W52, Chain 0

Mode	Frequency (MHz)	Measure Frequency (MHz)	Frequency Tolerance (ppm)	Limit (ppm)	Verdict
Single Carrier	5180	5179.94915	-9.82	± 20	Pass
	5190	5189.95425	-8.82	± 20	Pass
	5200	5199.95005	-9.61	± 20	Pass
	5230	5229.95395	-8.80	± 20	Pass
	5240	5239.95455	-8.67	± 20	Pass

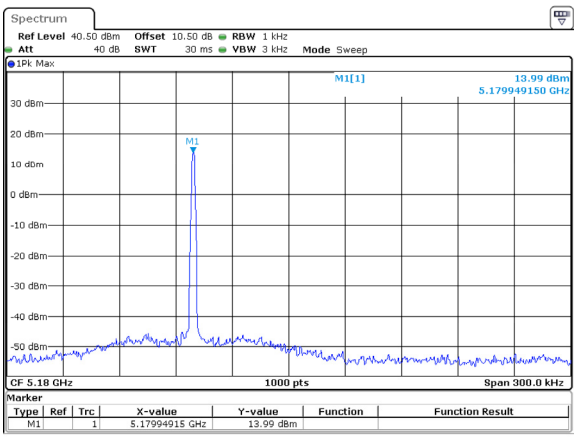
W52, Chain 1

Mode	Frequency (MHz)	Measure Frequency (MHz)	Frequency Tolerance (ppm)	Limit (ppm)	Verdict
Single Carrier	5180	5179.95125	-9.41	± 20	Pass
	5190	5189.95335	-8.99	± 20	Pass
	5200	5199.95245	-9.14	± 20	Pass
	5230	5229.95335	-8.92	± 20	Pass
	5240	5239.95275	-9.02	± 20	Pass

Note:
Frequency Tolerance = (Measure Frequency - Frequency)/Frequency*10^6

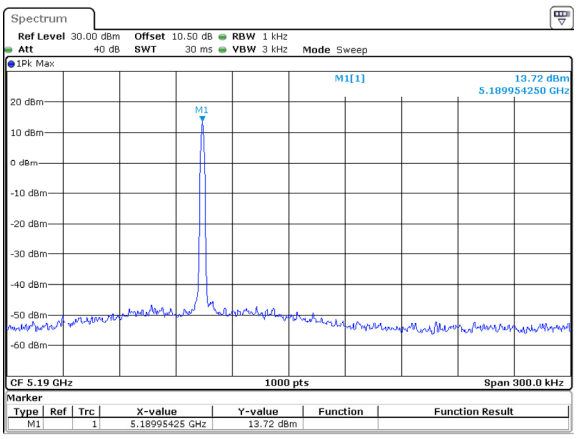
W52, Chain 0, Test Condition: NV

5180MHz



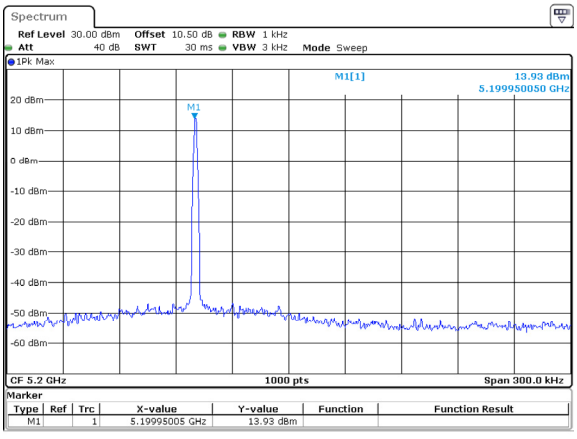
ProjectNo.:2401A109825E-RF Tester:Kungfumaster Liang
Date: 14.FEB.2025 01:13:30

5190MHz



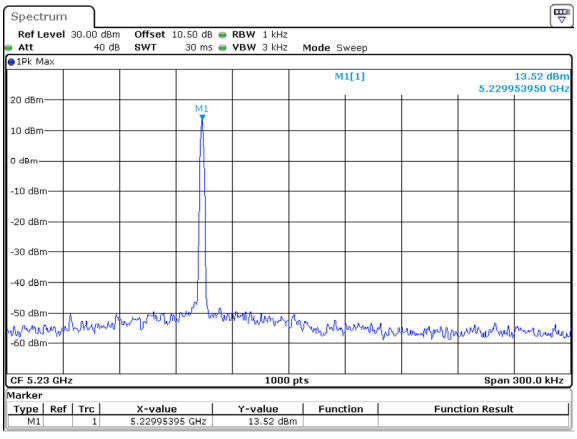
ProjectNo.:2401A109825E-RF Tester:Kungfumaster Liang
Date: 14.FEB.2025 01:20:33

5200MHz



ProjectNo.:2401A109825E-RF Tester:Kungfumaster Liang
Date: 14.FEB.2025 01:15:14

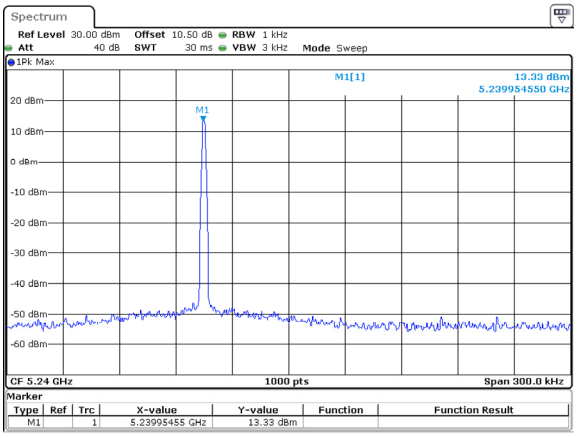
5230MHz



ProjectNo.:2401A109825E-RF Tester:Kungfumaster Liang
Date: 14.FEB.2025 01:21:33

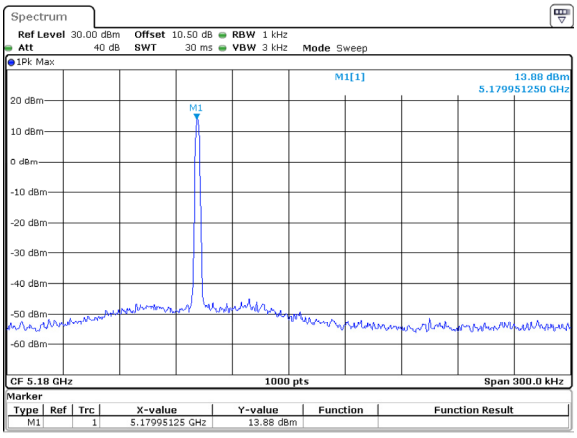
W52, Chain 1, Test Condition: NV

5240MHz



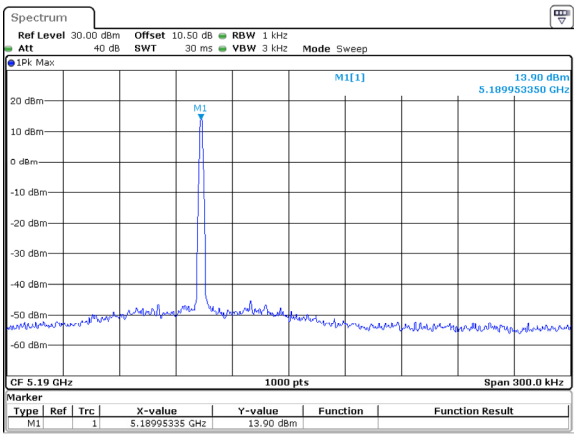
ProjectNo.:2401A109825E-RF Tester:Kungfumaster Liang
Date: 14.FEB.2025 01:18:59

5180MHz

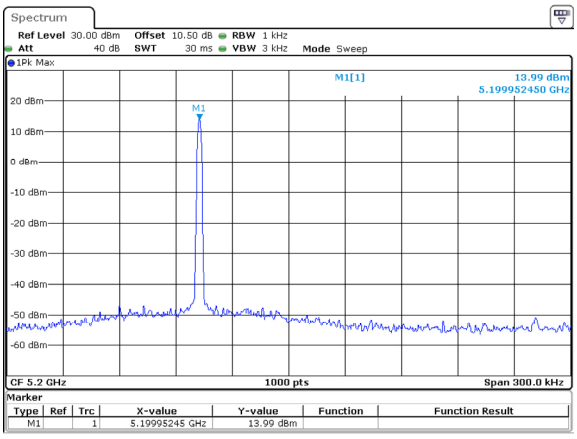


ProjectNo.:2401A109825E-RF Tester:Kungfumaster Liang
Date: 14.FEB.2025 01:23:02

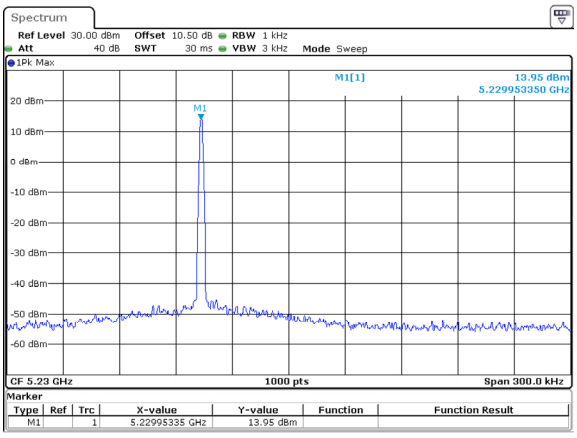
5190MHz



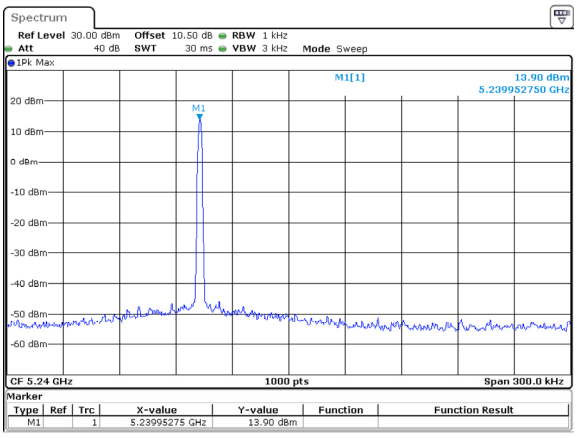
5200MHz



5230MHz



5240MHz



Occupied Bandwidth

Test Information:

Sample No.:	2X0Y-6	**Test Date:**	2024/12/23~2024/12/24
Test Site:	RF	**Test Mode:**	Transmitting
Tester:	Kungfumaster Liang	**Test Result:**	Pass

Environmental Conditions:

Temperature: (°C):	22.1-24.5	**Relative Humidity: (%)**	39-42	**ATM Pressure: (kPa)**	101

Test Condition: NV

W52, Chain 0

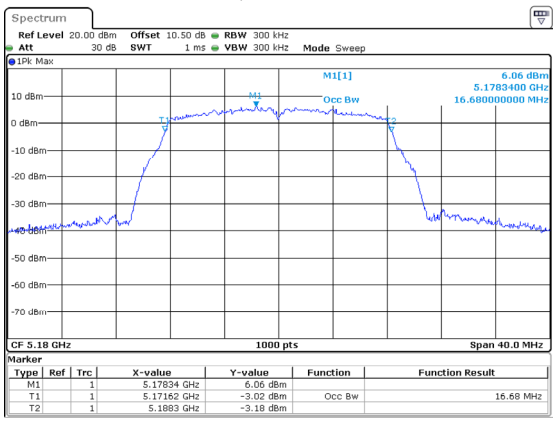
Mode	Result(MHz)			Limit(MHz)	Verdict
	Low Channel	Middle Channel	High Channel		
802.11a	16.68	16.76	16.76	≤ 20	Pass
802.11ac20	17.66	17.71	17.66	≤ 20	Pass
802.11ac40	35.92	/	35.92	≤ 40	Pass

W52, Chain 1

Mode	Result(MHz)			Limit(MHz)	Verdict
	Low Channel	Middle Channel	High Channel		
802.11a	16.68	16.76	16.72	≤ 20	Pass
802.11ac20	17.60	17.66	17.66	≤ 20	Pass
802.11ac40	35.92	/	35.92	≤ 40	Pass

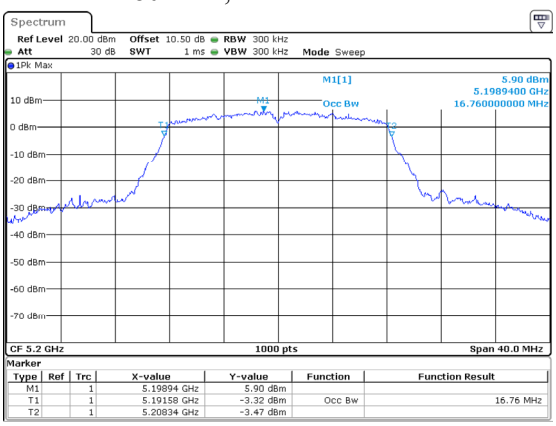
W52, Chain 0, Test Condition: NV

802.11a, Low Channel



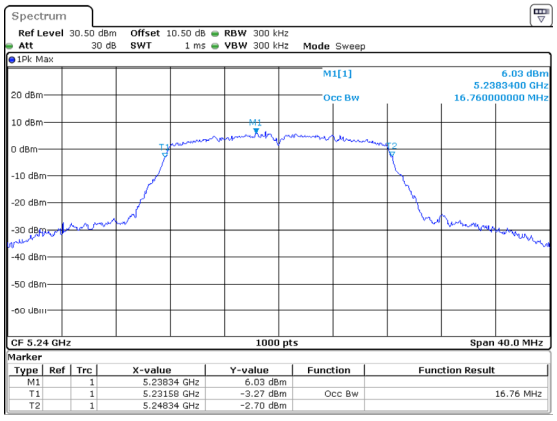
ProjectNo.:2401A109825E-RF Tester:Kungfumaster Liang
Date: 23.DEC.2024 00:47:17

802.11a, Middle Channel



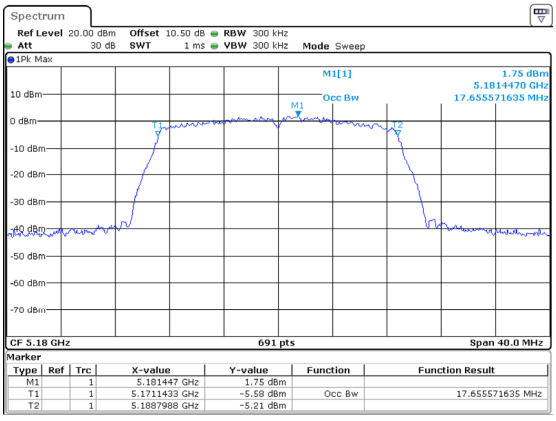
ProjectNo.:2401A109825E-RF Tester:Kungfumaster Liang
Date: 23.DEC.2024 00:48:02

802.11a, High Channel



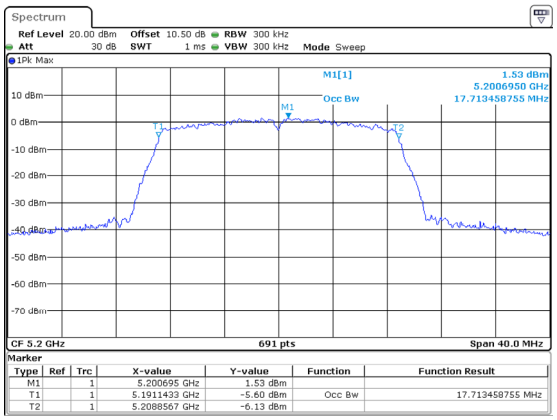
ProjectNo.:2401A109825E-RF Tester:Kungfumaster Liang
Date: 23.DEC.2024 00:32:46

802.11ac20, Low Channel



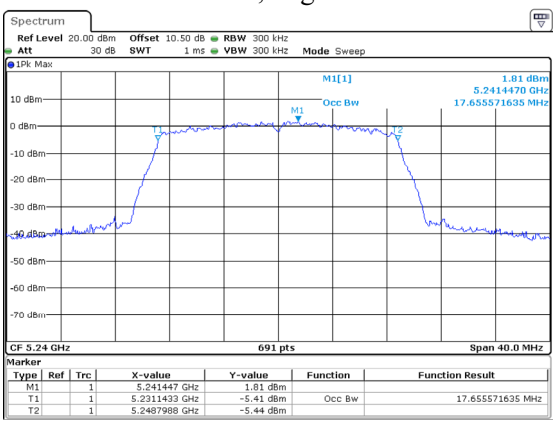
ProjectNo.:2401A109825E-RF Tester:Kungfumaster Liang
Date: 24.DEC.2024 01:43:17

802.11ac20, Middle Channel



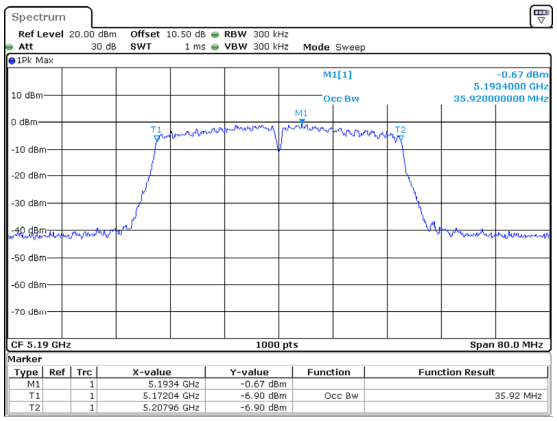
ProjectNo.:2401A109825E-RF Tester:Kungfumaster Liang
Date: 24.DEC.2024 01:43:52

802.11ac20, High Channel

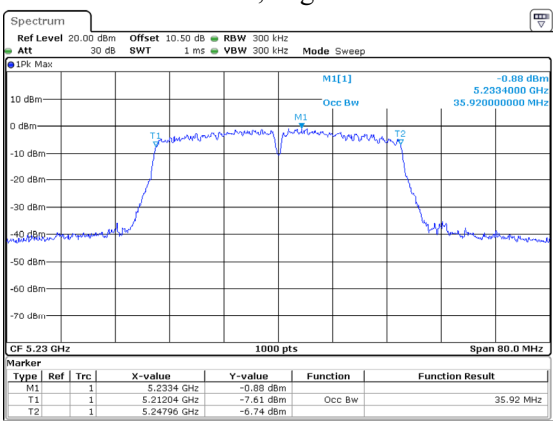


ProjectNo.:2401A109825E-RF Tester:Kungfumaster Liang
Date: 24.DEC.2024 01:44:28

802.11ac40, Low Channel

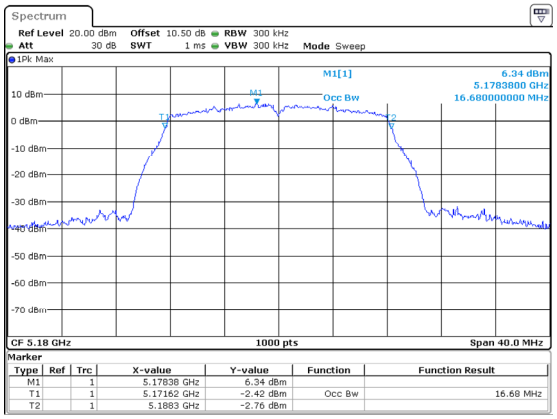


802.11ac40, High Channel

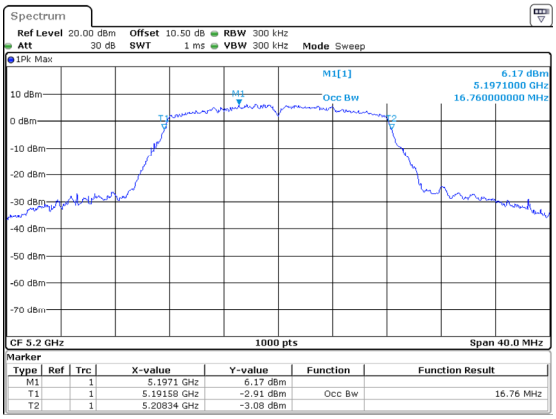


W52, Chain 1, Test Condition: NV

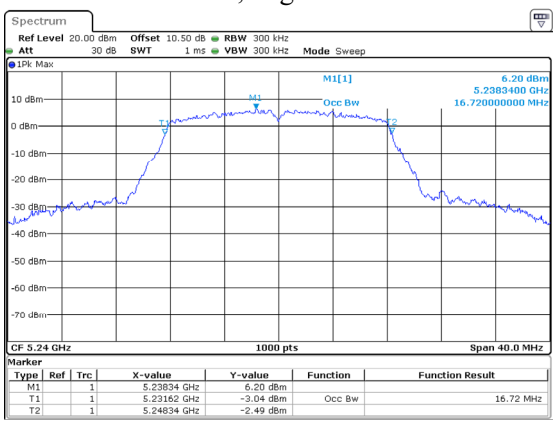
802.11a, Low Channel



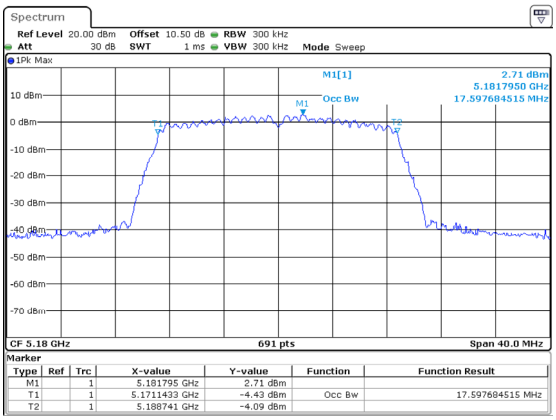
802.11a, Middle Channel



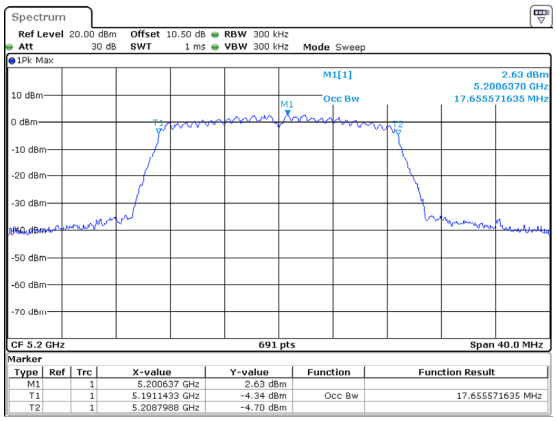
802.11a, High Channel



802.11ac20, Low Channel

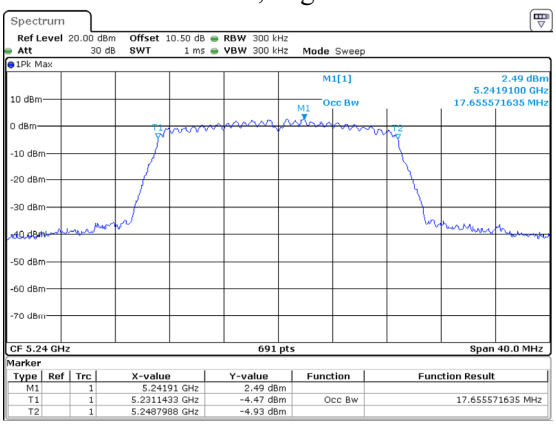


802.11ac20, Middle Channel



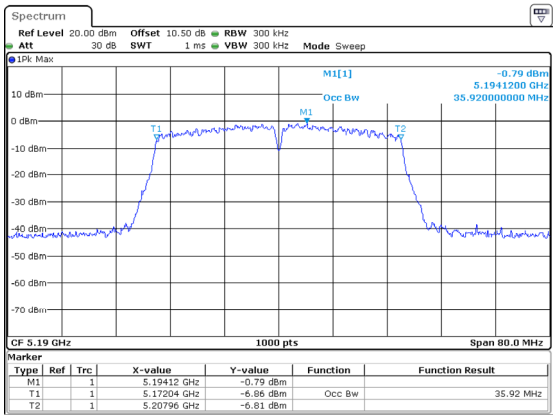
ProjectNo.:2401A109825E-RF Tester:Kungfumaster Liang
Date: 24.DEC.2024 01:41:20

802.11ac20, High Channel



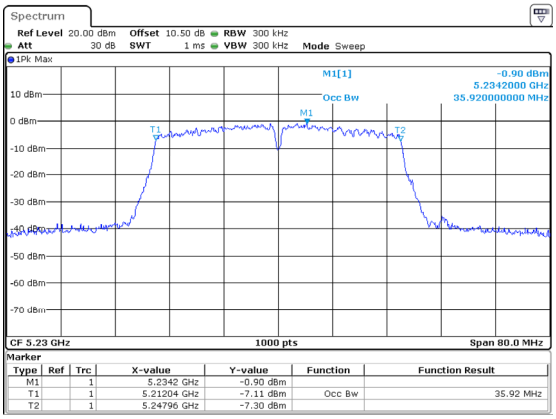
ProjectNo.:2401A109825E-RF Tester:Kungfumaster Liang
Date: 24.DEC.2024 01:41:58

802.11ac40, Low Channel



ProjectNo.:2401A109825E-RF Tester:Kungfumaster Liang
Date: 24.DEC.2024 02:53:20

802.11ac40, High Channel



ProjectNo.:2401A109825E-RF Tester:Kungfumaster Liang
Date: 24.DEC.2024 02:58:56

Transmitter Spurious Emission Strength

Test Information:

Sample No.:	2X0Y-6	**Test Date:**	2024/12/26~2025/05/05
Test Site:	RF	**Test Mode:**	Transmitting
Tester:	Kungfumaster Liang	**Test Result:**	Pass

Environmental Conditions:

Temperature: (°C):	22.1-24.5	**Relative Humidity: (%)**	39-42	**ATM Pressure: (kPa)**	101

Test Condition: NV

W52, Chain 0, 802.11a

Channel	Frequency Range		Max.Emission Located(MHz)	Max.Emission		Limit (µW/MHz)	Verdict
	Start(MHz)	Stop(MHz)		Reading (dBm/MHz)	Result (µW/MHz)		
Low	30	5100	4163.95	-31.60	0.692	2.50	Pass
	5100	5142	5133.46	-29.67	1.079	2.50	Pass
	5142	5150	5148.62	-29.42	1.143	15	Pass
	5250	5251	5251.00	-30.30	0.933	100.00	Pass
	5251	5260	5259.38	-29.82	1.042	17.99	Pass
	5260	5266.7	5266.67	-30.34	0.925	2.51	Pass
	5266.7	5300	5289.57	-29.70	1.072	2.50	Pass
	5300	26000	6957.60	-32.52	0.560	2.50	Pass
Middle	30	5100	3663.80	-30.79	0.834	2.50	Pass
	5100	5142	5133.86	-29.03	1.250	2.50	Pass
	5142	5150	5143.57	-28.49	1.416	15	Pass
	5250	5251	5250.97	-30.44	0.904	107.15	Pass
	5251	5260	5259.82	-29.76	1.057	16.44	Pass
	5260	5266.7	5266.48	-29.86	1.033	2.64	Pass
	5266.7	5300	5289.57	-28.24	1.500	2.50	Pass
	5300	26000	6968.90	-32.99	0.502	2.50	Pass
High	30	5100	4285.38	-31.59	0.693	2.50	Pass
	5100	5142	5118.34	-29.70	1.072	2.50	Pass
	5142	5150	5148.43	-29.72	1.067	15	Pass
	5250	5251	5250.53	-8.32	147.231	295.12	Pass
	5251	5260	5257.08	-19.51	11.194	28.81	Pass
	5260	5266.7	5266.18	-28.59	1.384	2.87	Pass
	5266.7	5300	5278.21	-29.40	1.148	2.50	Pass
	5300	26000	6968.90	-32.51	0.561	2.50	Pass

W52, Chain 0, 802.11ac20

Channel	Frequency Range		Max.Emission Located(MHz)	Max.Emission		Limit (μW/MHz)	Verdict
	Start(MHz)	Stop(MHz)		Reading (dBm/MHz)	Result (μW/MHz)		
Low	30	5100	3519.05	-30.63	0.865	2.50	Pass
	5100	5142	5119.41	-28.91	1.285	2.50	Pass
	5142	5150	5146.93	-29.63	1.089	15	Pass
	5250	5251	5250.98	-31.21	0.757	104.71	Pass
	5251	5260	5259.74	-30.19	0.957	16.72	Pass
	5260	5266.7	5266.36	-30.72	0.847	2.73	Pass
	5266.7	5300	5270.09	-29.38	1.153	2.50	Pass
	5300	26000	6994.80	-31.99	0.632	2.50	Pass
Middle	30	5100	4158.63	-31.49	0.710	2.50	Pass
	5100	5142	5134.68	-29.11	1.227	2.50	Pass
	5142	5150	5147.06	-29.25	1.189	15	Pass
	5250	5251	5250.89	-29.87	1.030	128.82	Pass
	5251	5260	5259.04	-30.05	0.989	19.29	Pass
	5260	5266.7	5265.09	-28.83	1.309	3.88	Pass
	5266.7	5300	5292.57	-29.17	1.211	2.50	Pass
	5300	26000	6859.20	-33.45	0.452	2.50	Pass
High	30	5100	4312.76	-31.59	0.693	2.50	Pass
	5100	5142	5109.04	-29.46	1.132	2.50	Pass
	5142	5150	5146.91	-29.56	1.107	15	Pass
	5250	5251	5250.02	-4.68	340.408	954.99	Pass
	5251	5260	5251.06	-20.58	8.750	98.78	Pass
	5260	5266.7	5266.58	-31.40	0.724	2.57	Pass
	5266.7	5300	5279.60	-29.59	1.099	2.50	Pass
	5300	26000	6900.60	-33.01	0.500	2.50	Pass

W52, Chain 0, 802.11ac40

Channel	Frequency Range		Max.Emission Located(MHz)	Max.Emission		Limit (µW/MHz)	Verdict
	Start(MHz)	Stop(MHz)		Reading (dBm/MHz)	Result (µW/MHz)		
Low	30	5100	4357.12	-31.01	0.793	2.50	Pass
	5100	5141.6	5134.80	-29.13	1.222	2.50	Pass
	5141.6	5150	5146.06	-28.96	1.271	15	Pass
	5250	5251	5250.92	-29.58	1.102	60.11	Pass
	5251	5270	5269.91	-29.32	1.169	7.99	Pass
	5270	5278.4	5277.83	-28.77	1.327	2.69	Pass
	5278.4	5300	5298.00	-29.36	1.159	2.50	Pass
	5300	26000	5955.70	-32.86	0.518	2.50	Pass
High	30	5100	4248.11	-31.35	0.733	2.50	Pass
	5100	5141.6	5133.72	-29.27	1.183	2.50	Pass
	5141.6	5150	5143.28	-29.66	1.081	15	Pass
	5250	5251	5250.88	-16.21	23.933	65.91	Pass
	5251	5270	5251.12	-18.92	12.823	49.42	Pass
	5270	5278.4	5278.29	-30.34	0.925	2.52	Pass
	5278.4	5300	5285.13	-28.59	1.384	2.50	Pass
	5300	26000	6950.30	-32.83	0.521	2.50	Pass

W52, Chain 1, 802.11a

Channel	Frequency Range		Max.Emission Located(MHz)	Max.Emission		Limit (µW/MHz)	Verdict
	Start(MHz)	Stop(MHz)		Reading (dBm/MHz)	Result (µW/MHz)		
Low	30	5100	5041.82	-33.46	0.451	2.50	Pass
	5100	5142	5118.13	-32.16	0.608	2.50	Pass
	5142	5150	5149.14	-31.11	0.774	15	Pass
	5250	5251	5251.00	-33.55	0.442	100.00	Pass
	5251	5260	5259.15	-32.26	0.594	18.86	Pass
	5260	5266.7	5266.65	-32.71	0.536	2.52	Pass
	5266.7	5300	5289.45	-31.32	0.738	2.50	Pass
	5300	26000	6911	-34.14	0.385	2.50	Pass
Middle	30	5100	4209.58	-33.70	0.427	2.50	Pass
	5100	5142	5134.66	-31.72	0.673	2.50	Pass
	5142	5150	5146.65	-32.09	0.618	15	Pass
	5250	5251	5250.94	-32.48	0.565	114.82	Pass
	5251	5260	5259.80	-32.82	0.522	16.51	Pass
	5260	5266.7	5266.44	-33.19	0.480	2.67	Pass
	5266.7	5300	5274.18	-31.98	0.634	2.50	Pass
	5300	26000	6975.10	-34.55	0.351	2.50	Pass
High	30	5100	4135.05	-33.94	0.404	2.50	Pass
	5100	5142	5116.08	-32.24	0.597	2.50	Pass
	5142	5150	5149.23	-32.23	0.598	15	Pass
	5250	5251	5250.01	-5.97	252.930	977.24	Pass
	5251	5260	5258.79	-22.74	5.321	20.30	Pass
	5260	5266.7	5266.54	-32.26	0.594	2.60	Pass
	5266.7	5300	5299.73	-31.77	0.665	2.50	Pass
	5300	26000	6987.60	-35.61	0.275	2.50	Pass

W52, Chain 1, 802.11ac20

Channel	Frequency Range		Max.Emission Located(MHz)	Max.Emission		Limit (µW/MHz)	Verdict
	Start(MHz)	Stop(MHz)		Reading (dBm/MHz)	Result (µW/MHz)		
Low	30	5100	3976.11	-33.89	0.408	2.50	Pass
	5100	5142	5141.19	-32.45	0.569	2.50	Pass
	5142	5150	5146.26	-32.47	0.566	15	Pass
	5250	5251	5250.87	-32.38	0.578	134.90	Pass
	5251	5260	5259.61	-32.41	0.574	17.17	Pass
	5260	5266.7	5266.08	-32.68	0.540	2.95	Pass
	5266.7	5300	5298.46	-31.95	0.638	2.50	Pass
	5300	26000	6343.80	-35.34	0.292	2.50	Pass
Middle	30	5100	4337.85	-33.96	0.402	2.50	Pass
	5100	5142	5132.54	-31.48	0.711	2.50	Pass
	5142	5150	5149.99	-32.40	0.575	15	Pass
	5250	5251	5250.99	-32.59	0.551	102.33	Pass
	5251	5260	5259.31	-32.38	0.578	18.25	Pass
	5260	5266.7	5266.60	-33.01	0.500	2.56	Pass
	5266.7	5300	5267.26	-32.18	0.605	2.50	Pass
	5300	26000	6968.90	-35.17	0.304	2.50	Pass
High	30	5100	4448.89	-33.52	0.445	2.50	Pass
	5100	5142	5104.23	-32.07	0.621	2.50	Pass
	5142	5150	5143.87	-31.97	0.635	15	Pass
	5250	5251	5250.17	-10.01	99.770	676.08	Pass
	5251	5260	5259.81	-30.27	0.940	16.48	Pass
	5260	5266.7	5266.53	-33.28	0.470	2.61	Pass
	5266.7	5300	5272.32	-32.70	0.537	2.50	Pass
	5300	26000	6976.20	-34.69	0.340	2.50	Pass

W52, Chain 1, 802.11ac40

Channel	Frequency Range		Max.Emission Located(MHz)	Max.Emission		Limit (μW/MHz)	Verdict
	Start(MHz)	Stop(MHz)		Reading (dBm/MHz)	Result (μW/MHz)		
Low	30	5100	4227.58	-33.71	0.426	2.50	Pass
	5100	5141.6	5140.25	-31.56	0.698	2.50	Pass
	5141.6	5150	5145.88	-31.53	0.703	15	Pass
	5250	5251	5250.99	-33.35	0.462	51.16	Pass
	5251	5270	5268.02	-31.97	0.635	9.60	Pass
	5270	5278.4	5278.18	-32.74	0.532	2.56	Pass
	5278.4	5300	5283.01	-32.69	0.538	2.50	Pass
	5300	26000	6917.20	-34.93	0.321	2.50	Pass
High	30	5100	4260.03	-33.91	0.406	2.50	Pass
	5100	5141.6	5133.92	-32.41	0.574	2.50	Pass
	5141.6	5150	5147.67	-32.04	0.625	15	Pass
	5250	5251	5250.93	-16.71	21.330	58.74	Pass
	5251	5270	5251.06	-21.89	6.471	49.71	Pass
	5270	5278.4	5278.01	-32.18	0.605	2.62	Pass
	5278.4	5300	5286.62	-32.28	0.592	2.50	Pass
	5300	26000	6743.30	-34.77	0.333	2.50	Pass

W52, Chain 0+Chain 1, 802.11ac20

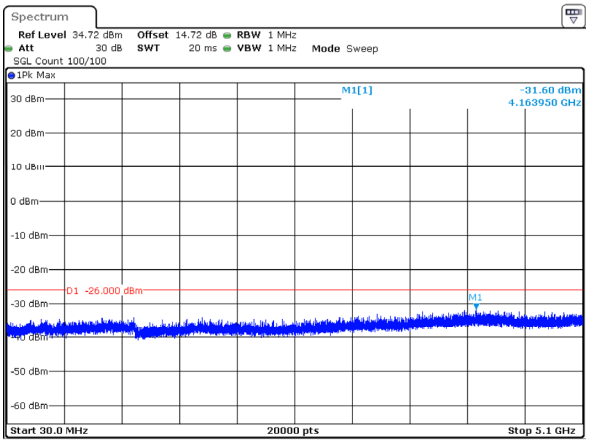
Channel	Frequency Range		Max.Emission Located(MHz)	Max.Emission		Limit (μW/MHz)	Verdict
	Start(MHz)	Stop(MHz)		Reading (dBm/MHz)	Result (μW/MHz)		
Low	30	5100	/	-28.95	1.274	2.50	Pass
	5100	5142	5102.49	-29.49	1.125	2.50	Pass
	5142	5150	5147.30	-28.00	1.585	15	Pass
	5250	5251	5250.98	-30.51	0.889	104.71	Pass
	5251	5260	5259.88	-31.23	0.753	16.24	Pass
	5260	5266.7	5266.13	-30.21	0.953	2.91	Pass
	5266.7	5300	5270.75	-29.32	1.169	2.50	Pass
	5300	26000	/	-30.34	0.925	2.50	Pass
Middle	30	5100	/	-29.54	1.112	2.50	Pass
	5100	5142	5137.41	-29.02	1.253	2.50	Pass
	5142	5150	5147.07	-28.96	1.271	15	Pass
	5250	5251	5250.98	-30.68	0.855	104.71	Pass
	5251	5260	5259.44	-30.21	0.953	17.77	Pass
	5260	5266.7	5266.68	-31.52	0.705	2.50	Pass
	5266.7	5300	5281.18	-29.27	1.183	2.50	Pass
	5300	26000	/	-31.22	0.755	2.50	Pass
High	30	5100	/	-29.44	1.138	2.50	Pass
	5100	5142	5136.84	-29.33	1.167	2.50	Pass
	5142	5150	5149.77	-29.09	1.233	15	Pass
	5250	5251	5250.08	-3.70	426.580	831.76	Pass
	5251	5260	5259.36	-25.96	2.535	18.07	Pass
	5260	5266.7	5266.60	-28.84	1.306	2.56	Pass
	5266.7	5300	5289.64	-29.44	1.138	2.50	Pass
	5300	26000	/	-30.76	0.839	2.50	Pass

W52, Chain 0+Chain 1, 802.11ac40

Channel	Frequency Range		Max.Emission Located(MHz)	Max.Emission		Limit (μW/MHz)	Verdict
	Start(MHz)	Stop(MHz)		Reading (dBm/MHz)	Result (μW/MHz)		
Low	30	5100	/	-29.14	1.219	2.50	Pass
	5100	5141.6	5140.50	-27.95	1.603	2.50	Pass
	5141.6	5150	5144.64	-28.15	1.531	15	Pass
	5250	5251	5250.94	-29.22	1.197	57.41	Pass
	5251	5270	5268.49	-29.26	1.186	9.17	Pass
	5270	5278.4	5277.23	-29.45	1.135	2.92	Pass
	5278.4	5300	5287.09	-29.16	1.213	2.50	Pass
	5300	26000	/	-30.76	0.839	2.50	Pass
High	30	5100	/	-29.43	1.140	2.50	Pass
	5100	5141.6	5125.44	-29.12	1.225	2.50	Pass
	5141.6	5150	5143.84	-27.41	1.816	15	Pass
	5250	5251	5250.79	-12.53	55.847	81.09	Pass
	5251	5270	5251.02	-15.15	30.549	49.90	Pass
	5270	5278.4	5278.01	-28.56	1.393	2.62	Pass
	5278.4	5300	5287.59	-29.17	1.211	2.50	Pass
	5300	26000	/	-30.68	0.855	2.50	Pass

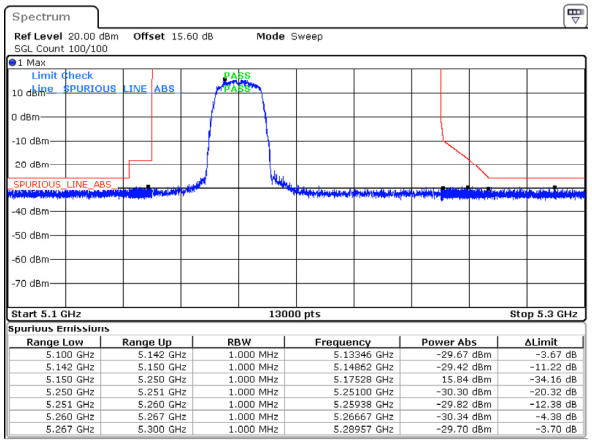
W52, Chain 0, Test Condition: NV

802.11a, Low Channel(30MHz~5.1GHz)



ProjectNo.:2401A109825E-RF Tester:Kungfumaster Liang
Date: 5.MAY.2025 23:42:29

802.11a, Low Channel(5.1GHz~5.3GHz)

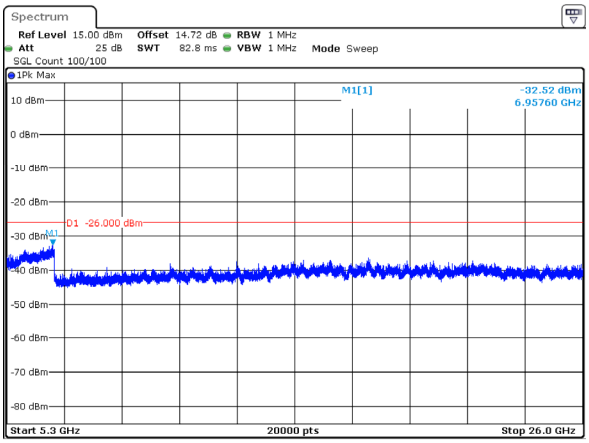


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
5.100 GHz	5.142 GHz	1.000 MHz	5.13346 GHz	-29.67 dBm	-3.67 dB
5.142 GHz	5.150 GHz	1.000 MHz	5.14862 GHz	-29.42 dBm	-11.22 dB
5.150 GHz	5.250 GHz	1.000 MHz	5.17528 GHz	15.84 dBm	-34.16 dB
5.250 GHz	5.251 GHz	1.000 MHz	5.25100 GHz	-30.30 dBm	-20.32 dB
5.251 GHz	5.260 GHz	1.000 MHz	5.25938 GHz	-29.82 dBm	-12.38 dB
5.260 GHz	5.267 GHz	1.000 MHz	5.26667 GHz	-30.34 dBm	-4.38 dB
5.267 GHz	5.300 GHz	1.000 MHz	5.28957 GHz	-29.70 dBm	-3.70 dB

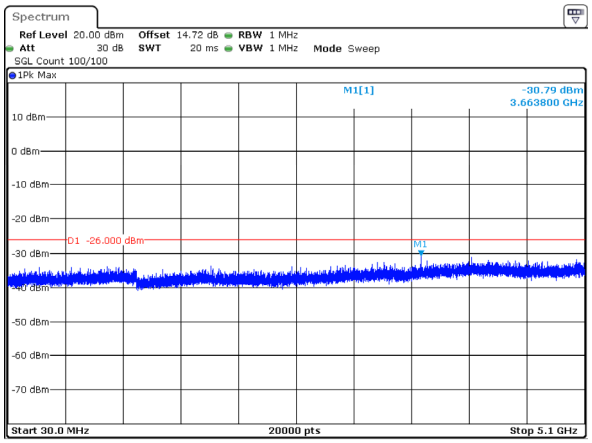
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Date: 26.DEC.2024 19:46:09

802.11a, Low Channel(5.3GHz~26GHz)



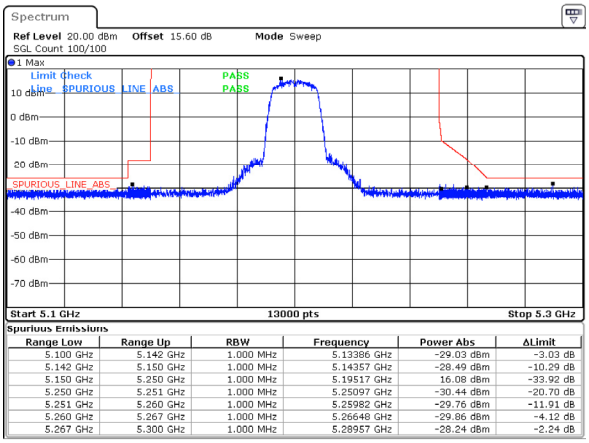
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Date: 5.MAY.2025 23:43:10

802.11a, Middle Channel(30MHz~5.1GHz)



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Date: 5.MAY.2025 23:43:29

802.11a, Middle Channel(5.1GHz~5.3GHz)

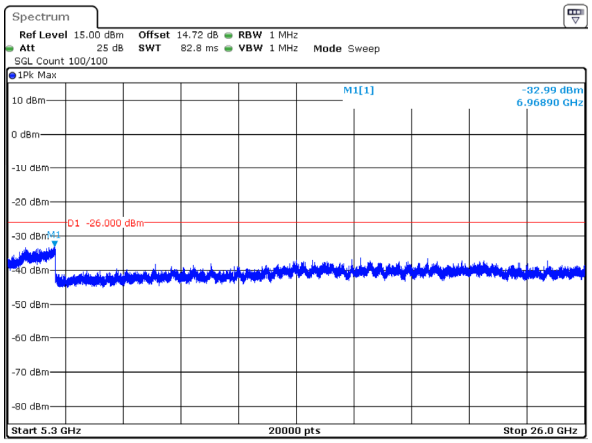


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
5.100 GHz	5.142 GHz	1.000 MHz	5.13386 GHz	-29.03 dBm	-3.03 dB
5.142 GHz	5.150 GHz	1.000 MHz	5.14357 GHz	-28.49 dBm	-10.29 dB
5.150 GHz	5.250 GHz	1.000 MHz	5.19517 GHz	16.08 dBm	-33.92 dB
5.250 GHz	5.251 GHz	1.000 MHz	5.25097 GHz	-30.44 dBm	-20.70 dB
5.251 GHz	5.260 GHz	1.000 MHz	5.25982 GHz	-29.76 dBm	-11.91 dB
5.260 GHz	5.267 GHz	1.000 MHz	5.26648 GHz	-29.86 dBm	-4.12 dB
5.267 GHz	5.300 GHz	1.000 MHz	5.28957 GHz	-28.24 dBm	-2.24 dB

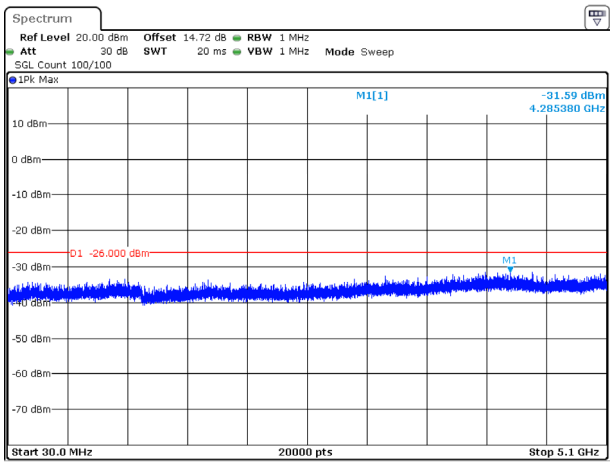
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Date: 26.DEC.2024 19:46:43

802.11a, Middle Channel(5.3GHz~26GHz)



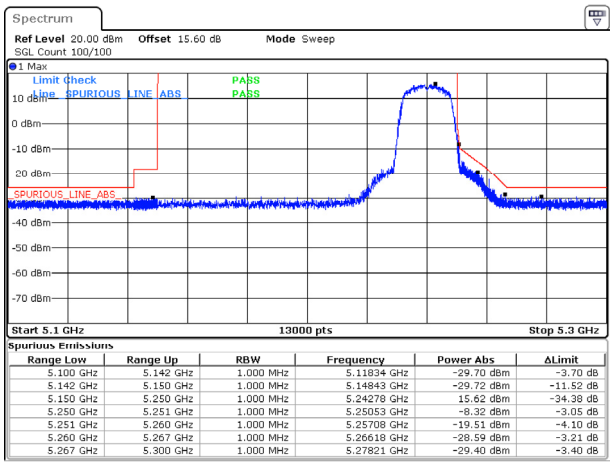
ProjectNo.:2401A109825E-RF Tester:Kungfumaster Liang
Date: 5.MAY.2025 23:44:09

802.11a, High Channel(30MHz~5.1GHz)



ProjectNo.:2401A109825E-RF Tester:Kungfumaster Liang
Date: 5.MAY.2025 23:44:27

802.11a, High Channel(5.1GHz~5.3GHz)

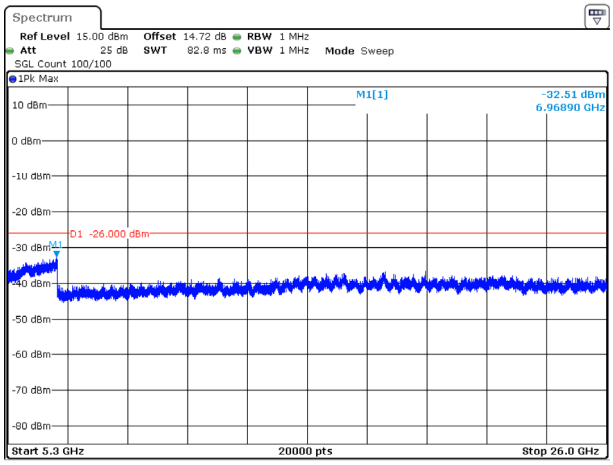


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
5.100 GHz	5.142 GHz	1.000 MHz	5.11834 GHz	-29.70 dBm	-3.70 dB
5.142 GHz	5.150 GHz	1.000 MHz	5.14843 GHz	-29.72 dBm	-11.52 dB
5.150 GHz	5.250 GHz	1.000 MHz	5.24278 GHz	15.62 dBm	-34.38 dB
5.250 GHz	5.251 GHz	1.000 MHz	5.25053 GHz	-8.32 dBm	-3.05 dB
5.251 GHz	5.260 GHz	1.000 MHz	5.25708 GHz	-19.51 dBm	-4.10 dB
5.260 GHz	5.267 GHz	1.000 MHz	5.26618 GHz	-28.59 dBm	-3.21 dB
5.267 GHz	5.300 GHz	1.000 MHz	5.27821 GHz	-29.40 dBm	-3.40 dB

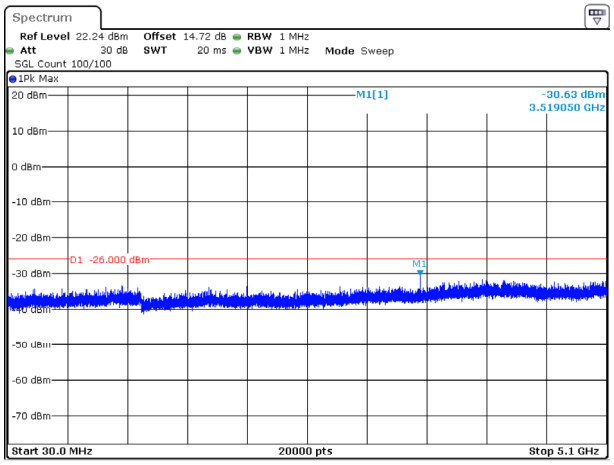
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Date: 26.DEC.2024 19:47:10

802.11a, High Channel(5.3GHz~26GHz)



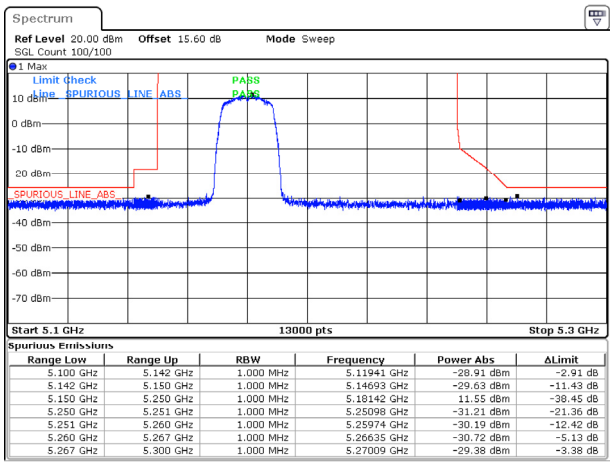
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Date: 5.MAY.2025 23:45:07

802.11ac20, Low Channel(30MHz~5.1GHz)



ProjectNo.:2401A109825E-RF Tester:Kungfumaster Liang
Date: 5.MAY.2025 23:48:51

802.11ac20, Low Channel(5.1GHz~5.3GHz)

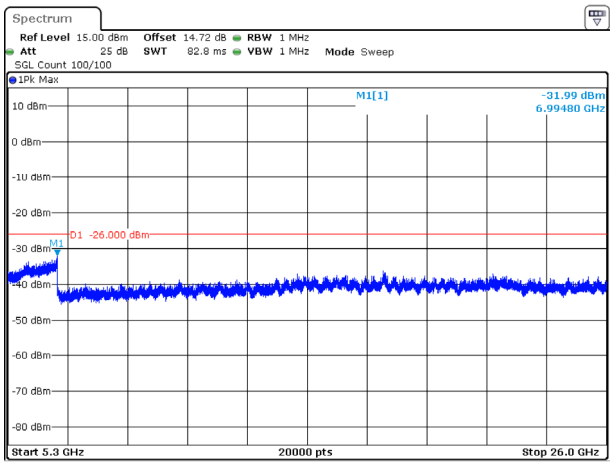


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
5.100 GHz	5.142 GHz	1.000 MHz	5.11941 GHz	-28.91 dBm	-2.91 dB
5.142 GHz	5.150 GHz	1.000 MHz	5.14693 GHz	-29.63 dBm	-11.43 dB
5.150 GHz	5.250 GHz	1.000 MHz	5.18142 GHz	11.55 dBm	-38.45 dB
5.250 GHz	5.251 GHz	1.000 MHz	5.25098 GHz	-31.21 dBm	-21.36 dB
5.251 GHz	5.260 GHz	1.000 MHz	5.25974 GHz	-30.19 dBm	-12.42 dB
5.260 GHz	5.267 GHz	1.000 MHz	5.26635 GHz	-30.72 dBm	-5.13 dB
5.267 GHz	5.300 GHz	1.000 MHz	5.27009 GHz	-29.38 dBm	-3.38 dB

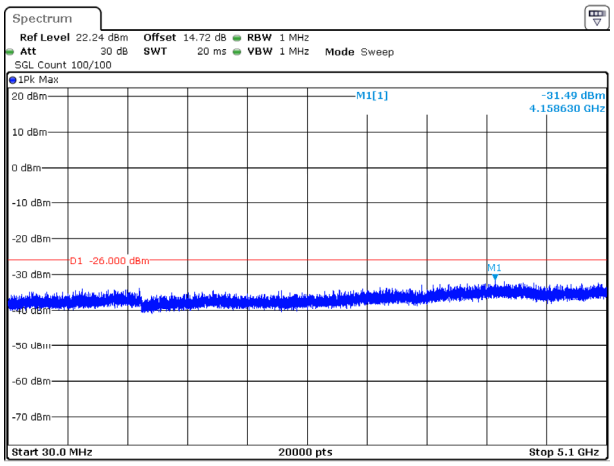
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Date: 26.DEC.2024 19:41:39

802.11ac20, Low Channel(5.3GHz~26GHz)



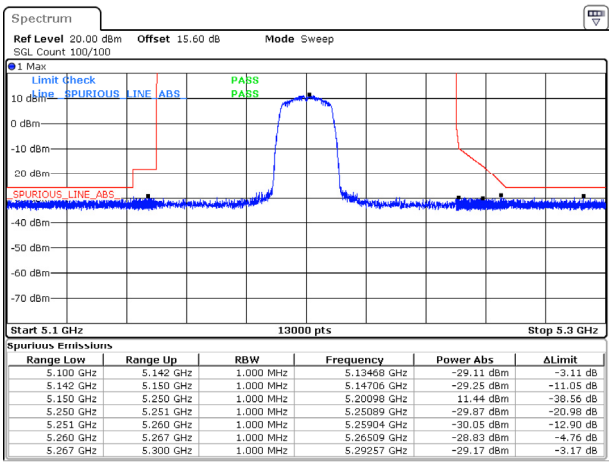
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Date: 5.MAY.2025 23:49:31

802.11ac20, Middle Channel(30MHz~5.1GHz)



ProjectNo.:2401A109825E-RF Tester:Kungfumaster Liang
Date: 5.MAY.2025 23:59:51

802.11ac20, Middle Channel(5.1GHz~5.3GHz)

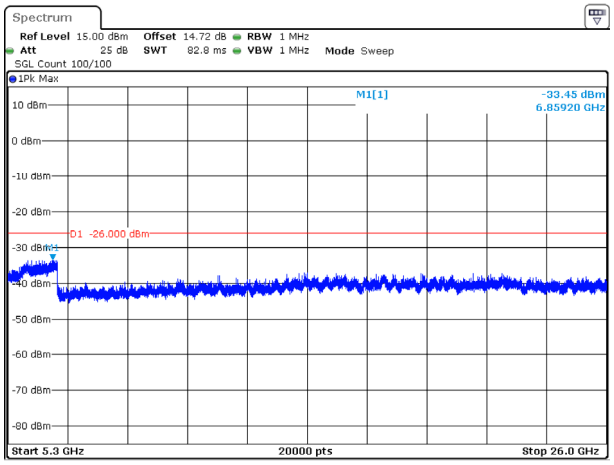


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
5.100 GHz	5.142 GHz	1.000 MHz	5.13468 GHz	-29.11 dBm	-3.11 dB
5.142 GHz	5.150 GHz	1.000 MHz	5.14706 GHz	-29.25 dBm	-11.05 dB
5.150 GHz	5.250 GHz	1.000 MHz	5.20098 GHz	11.44 dBm	-38.56 dB
5.250 GHz	5.251 GHz	1.000 MHz	5.25089 GHz	-29.87 dBm	-20.98 dB
5.251 GHz	5.260 GHz	1.000 MHz	5.25904 GHz	-30.05 dBm	-12.90 dB
5.260 GHz	5.267 GHz	1.000 MHz	5.26509 GHz	-28.83 dBm	-4.76 dB
5.267 GHz	5.300 GHz	1.000 MHz	5.29257 GHz	-29.17 dBm	-3.17 dB

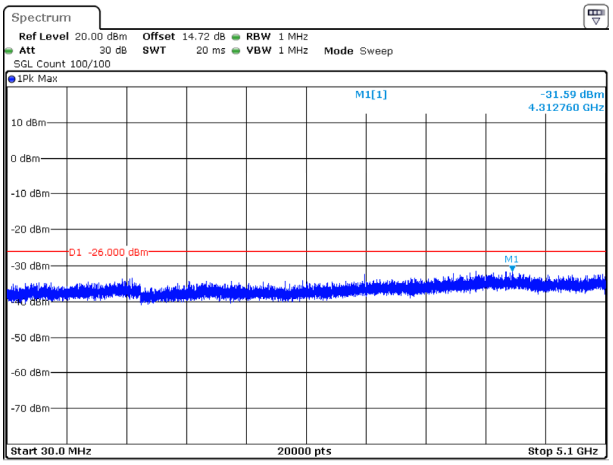
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Date: 26.DEC.2024 19:42:55

802.11ac20, Middle Channel(5.3GHz~26GHz)



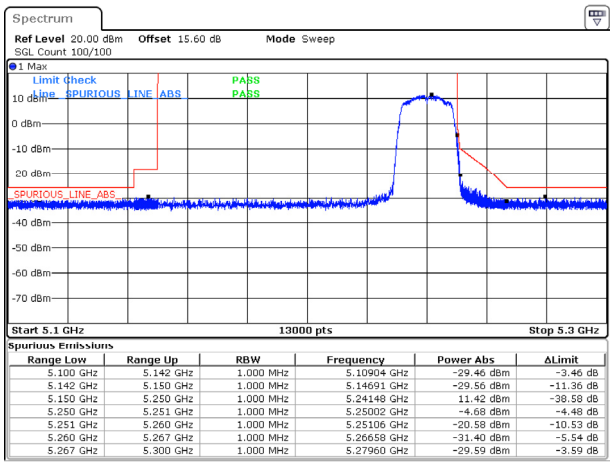
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Date: 5.MAY.2025 23:50:36

802.11ac20, High Channel(30MHz~5.1GHz)



ProjectNo.:2401A109825E-RF Tester:Kungfumaster Liang
Date: 5.MAY.2025 23:50:54

802.11ac20, High Channel(5.1GHz~5.3GHz)

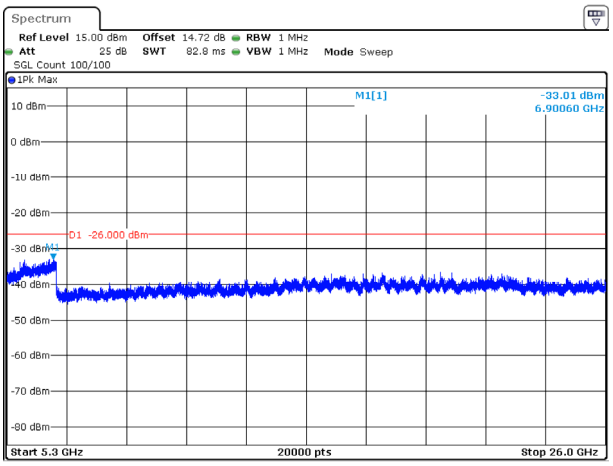


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
5.100 GHz	5.142 GHz	1.000 MHz	5.10904 GHz	-29.46 dBm	-3.46 dB
5.142 GHz	5.150 GHz	1.000 MHz	5.14691 GHz	-29.56 dBm	-11.36 dB
5.150 GHz	5.250 GHz	1.000 MHz	5.24148 GHz	11.42 dBm	-38.58 dB
5.250 GHz	5.251 GHz	1.000 MHz	5.25002 GHz	-4.68 dBm	-4.48 dB
5.251 GHz	5.260 GHz	1.000 MHz	5.25106 GHz	-20.58 dBm	-10.53 dB
5.260 GHz	5.267 GHz	1.000 MHz	5.26658 GHz	-31.40 dBm	-5.54 dB
5.267 GHz	5.300 GHz	1.000 MHz	5.27960 GHz	-29.59 dBm	-3.59 dB

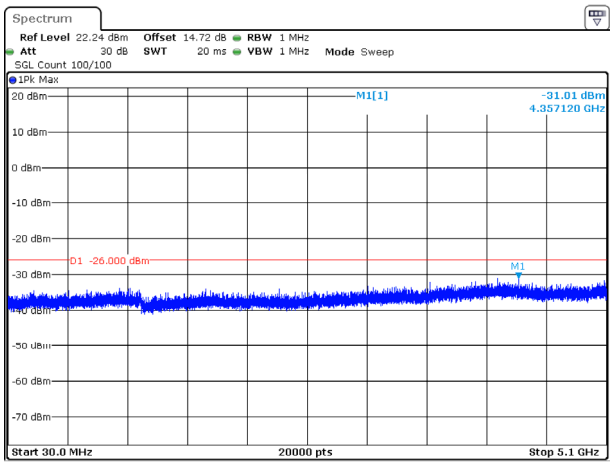
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Date: 26.DEC.2024 19:43:24

802.11ac20, High Channel(5.3GHz~26GHz)



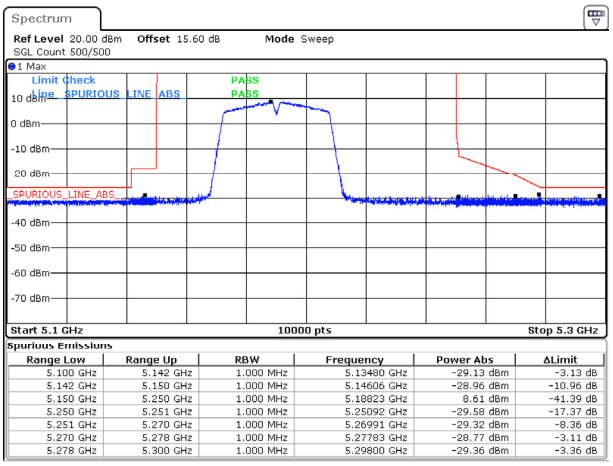
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Date: 5.MAY.2025 23:51:35

802.11ac40, Low Channel(30MHz~5.1GHz)



ProjectNo.:2401A109825E-RF Tester:Kungfumaster Liang
Date: 5.MAY.2025 23:55:12

802.11ac40, Low Channel(5.1GHz~5.3GHz)

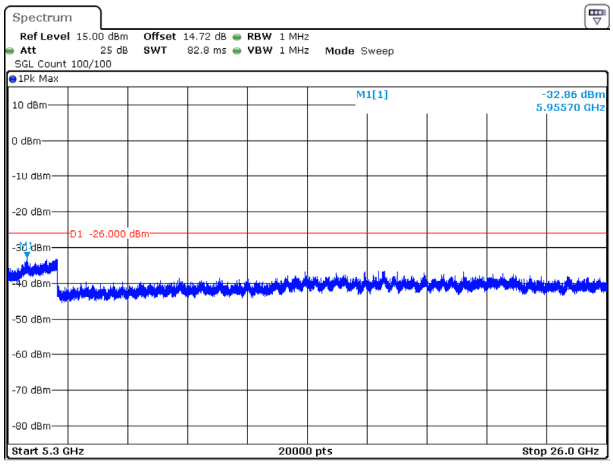


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
5.100 GHz	5.142 GHz	1.000 MHz	5.13480 GHz	-29.13 dBm	-3.13 dB
5.142 GHz	5.150 GHz	1.000 MHz	5.14606 GHz	-28.96 dBm	-10.96 dB
5.150 GHz	5.250 GHz	1.000 MHz	5.18823 GHz	8.61 dBm	-41.39 dB
5.250 GHz	5.251 GHz	1.000 MHz	5.25092 GHz	-29.58 dBm	-17.37 dB
5.251 GHz	5.270 GHz	1.000 MHz	5.26991 GHz	-29.32 dBm	-8.36 dB
5.270 GHz	5.278 GHz	1.000 MHz	5.27783 GHz	-28.77 dBm	-3.11 dB
5.278 GHz	5.300 GHz	1.000 MHz	5.29800 GHz	-29.36 dBm	-3.36 dB

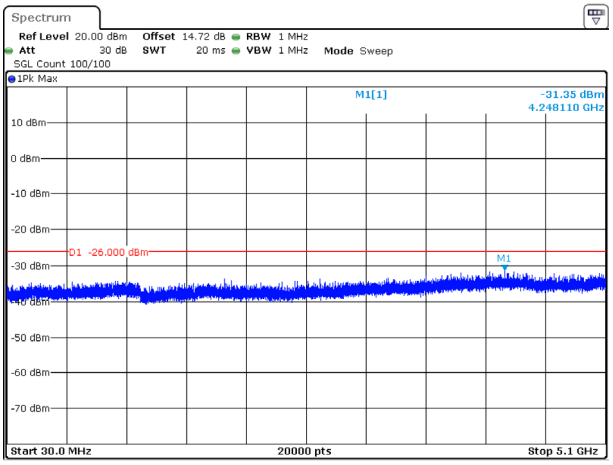
ProjectNo.:2401A109825E-RF Tester:Kungfumaster Liang
Date: 26.DEC.2024 19:44:05

802.11ac40, Low Channel(5.3GHz~26GHz)



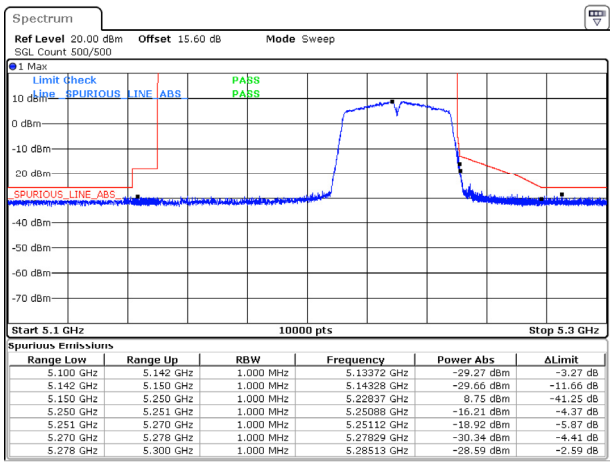
ProjectNo.:2401A109825E-RF Tester:Kungfumaster Liang
Date: 5.MAY.2025 23:55:53

802.11ac40, High Channel(30MHz~5.1GHz)



ProjectNo.:2401A109825E-RF Tester:Kungfumaster Liang
Date: 5.MAY.2025 23:56:11

802.11ac40, High Channel(5.1GHz~5.3GHz)

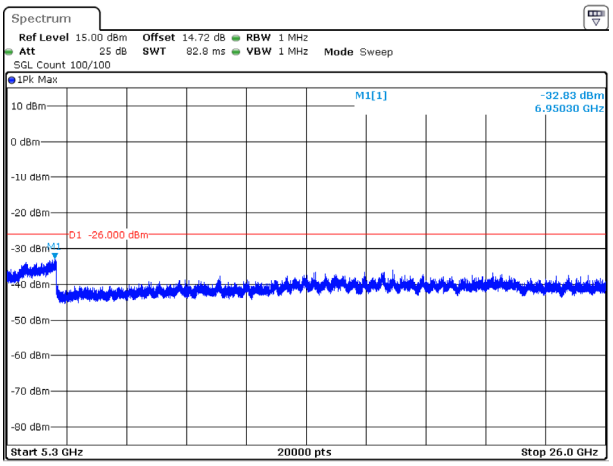


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
5.100 GHz	5.142 GHz	1.000 MHz	5.13372 GHz	-29.27 dBm	-3.27 dB
5.142 GHz	5.150 GHz	1.000 MHz	5.14328 GHz	-29.66 dBm	-11.66 dB
5.150 GHz	5.250 GHz	1.000 MHz	5.22837 GHz	8.75 dBm	-41.25 dB
5.250 GHz	5.251 GHz	1.000 MHz	5.25088 GHz	-16.21 dBm	-4.37 dB
5.251 GHz	5.270 GHz	1.000 MHz	5.25112 GHz	-18.92 dBm	-5.87 dB
5.270 GHz	5.278 GHz	1.000 MHz	5.27829 GHz	-30.34 dBm	-4.41 dB
5.278 GHz	5.300 GHz	1.000 MHz	5.28513 GHz	-28.59 dBm	-2.59 dB

ProjectNo.:2401A109825E-RF Tester:Kungfumaster Liang
Date: 26.DEC.2024 19:44:43

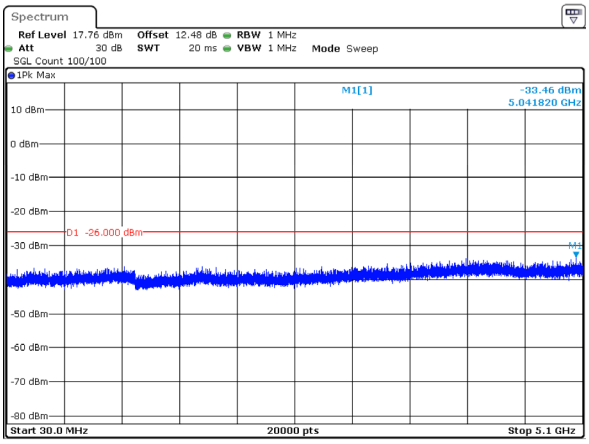
802.11ac40, High Channel(5.3GHz~26GHz)



ProjectNo.:2401A109825E-RF Tester:Kungfumaster Liang
Date: 5.MAY.2025 23:56:52

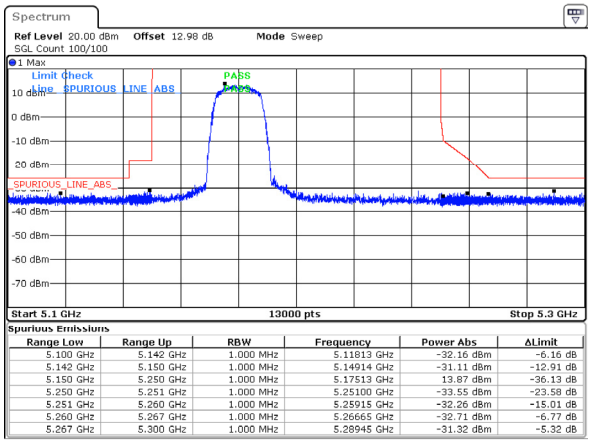
W52, Chain 1, Test Condition: NV

802.11a, Low Channel(30MHz~5.1GHz)



ProjectNo.:2401A109825E-RF Tester:Kungfumaster Liang
Date: 5.MAY.2025 23:45:25

802.11a, Low Channel(5.1GHz~5.3GHz)

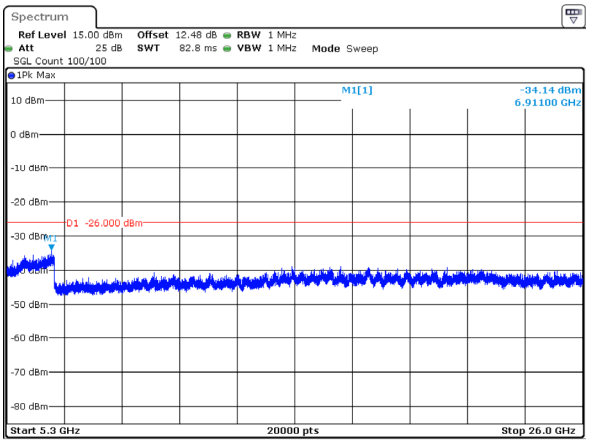


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
5.100 GHz	5.142 GHz	1.000 MHz	5.11813 GHz	-32.16 dBm	-6.16 dB
5.142 GHz	5.150 GHz	1.000 MHz	5.14914 GHz	-31.11 dBm	-12.91 dB
5.150 GHz	5.250 GHz	1.000 MHz	5.17513 GHz	13.87 dBm	-36.13 dB
5.250 GHz	5.251 GHz	1.000 MHz	5.25100 GHz	-33.55 dBm	-23.58 dB
5.251 GHz	5.260 GHz	1.000 MHz	5.25915 GHz	-32.26 dBm	-15.01 dB
5.260 GHz	5.267 GHz	1.000 MHz	5.26665 GHz	-32.71 dBm	-6.77 dB
5.267 GHz	5.300 GHz	1.000 MHz	5.28945 GHz	-31.32 dBm	-5.32 dB

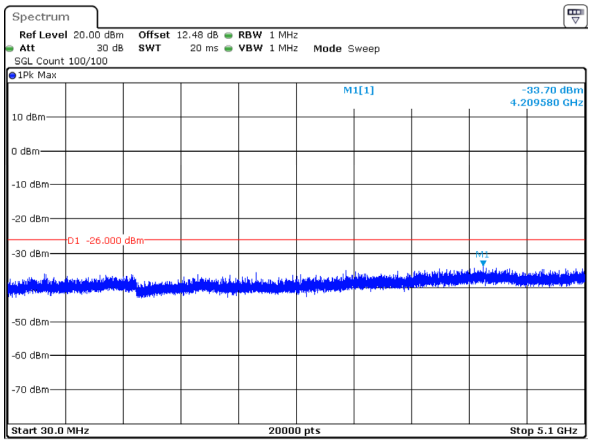
ProjectNo.:2401A109825E-RF Tester:Kungfumaster Liang
Date: 26.DEC.2024 19:48:21

802.11a, Low Channel(5.3GHz~26GHz)



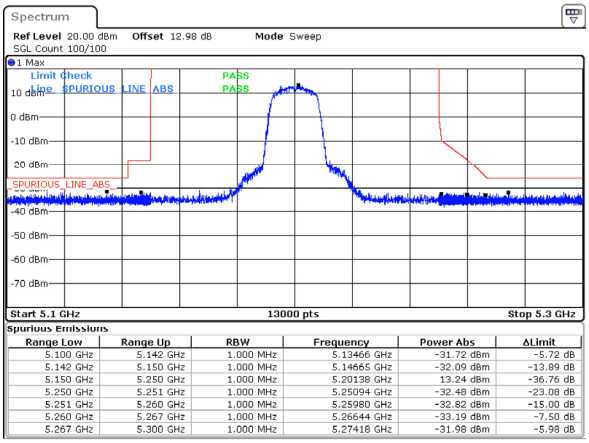
ProjectNo.:2401A109825E-RF Tester:Kungfumaster Liang
Date: 5.MAY.2025 23:46:09

802.11a, Middle Channel(30MHz~5.1GHz)



ProjectNo.:2401A109825E-RF Tester:Kungfumaster Liang
Date: 5.MAY.2025 23:46:48

802.11a, Middle Channel(5.1GHz~5.3GHz)

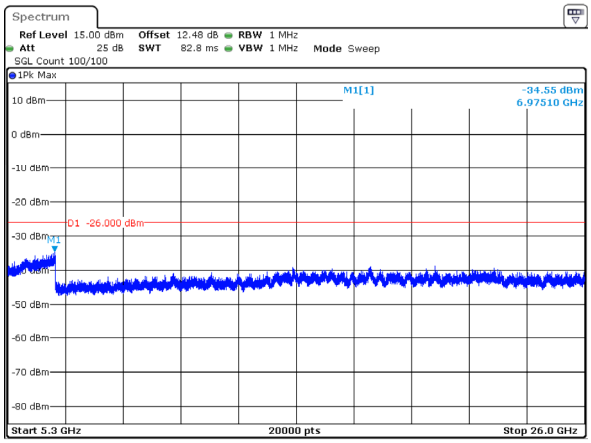


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
5.100 GHz	5.142 GHz	1.000 MHz	5.13466 GHz	-31.72 dBm	-5.72 dB
5.142 GHz	5.150 GHz	1.000 MHz	5.14665 GHz	-32.09 dBm	-13.89 dB
5.150 GHz	5.250 GHz	1.000 MHz	5.20138 GHz	13.24 dBm	-36.76 dB
5.250 GHz	5.251 GHz	1.000 MHz	5.25094 GHz	-32.48 dBm	-23.08 dB
5.251 GHz	5.260 GHz	1.000 MHz	5.25980 GHz	-32.82 dBm	-15.00 dB
5.260 GHz	5.267 GHz	1.000 MHz	5.26644 GHz	-33.19 dBm	-7.50 dB
5.267 GHz	5.300 GHz	1.000 MHz	5.27418 GHz	-31.98 dBm	-5.98 dB

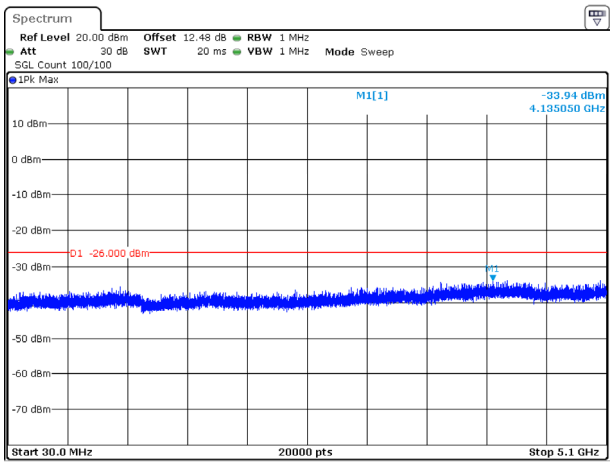
ProjectNo.:2401A109825E-RF Tester:Kungfumaster Liang
Date: 26.DEC.2024 19:49:00

802.11a, Middle Channel(5.3GHz~26GHz)



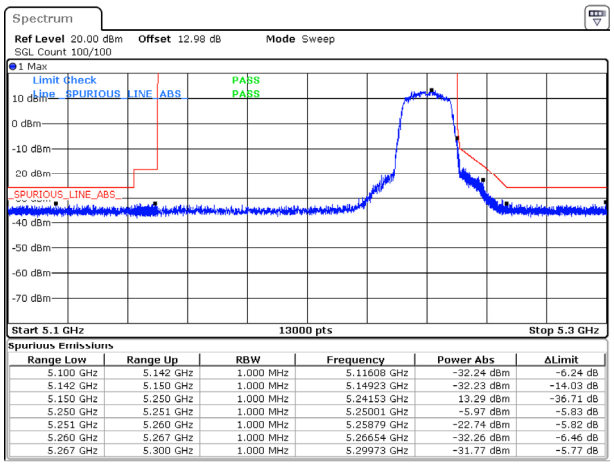
ProjectNo.:2401A109825E-RF Tester:Kungfumaster Liang
Date: 5.MAY.2025 23:47:29

802.11a, High Channel(30MHz~5.1GHz)



ProjectNo.:2401A109825E-RF Tester:Kungfumaster Liang
Date: 5.MAY.2025 23:47:47

802.11a, High Channel(5.1GHz~5.3GHz)

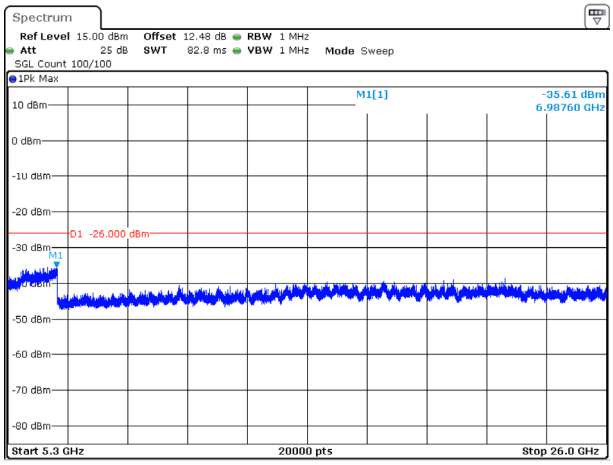


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
5.100 GHz	5.142 GHz	1.000 MHz	5.11608 GHz	-32.24 dBm	-6.24 dB
5.142 GHz	5.150 GHz	1.000 MHz	5.14923 GHz	-32.23 dBm	-14.03 dB
5.150 GHz	5.250 GHz	1.000 MHz	5.24153 GHz	13.29 dBm	-36.71 dB
5.250 GHz	5.251 GHz	1.000 MHz	5.25001 GHz	-5.97 dBm	-5.83 dB
5.251 GHz	5.260 GHz	1.000 MHz	5.25879 GHz	-22.74 dBm	-5.82 dB
5.260 GHz	5.267 GHz	1.000 MHz	5.26654 GHz	-32.26 dBm	-6.46 dB
5.267 GHz	5.300 GHz	1.000 MHz	5.29973 GHz	-31.77 dBm	-5.77 dB

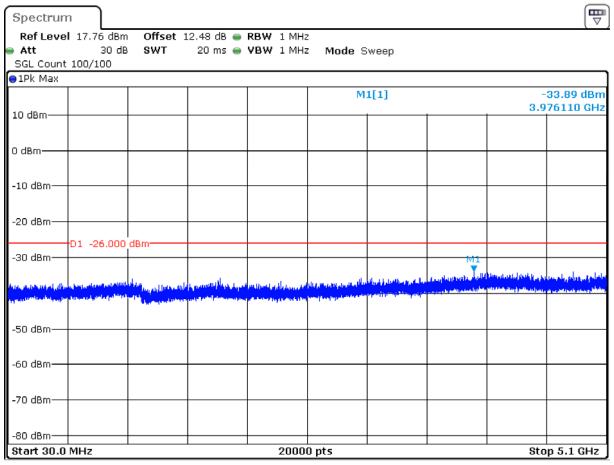
ProjectNo.:2401A109825E-RF Tester:Kungfumaster Liang
Date: 26.DEC.2024 19:49:45

802.11a, High Channel(5.3GHz~26GHz)



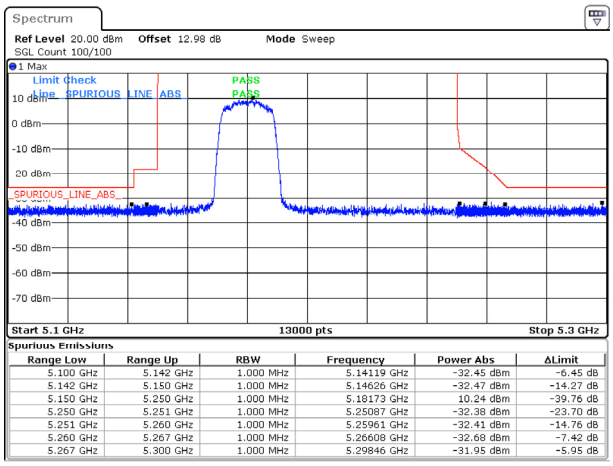
ProjectNo.:2401A109825E-RF Tester:Kungfumaster Liang
Date: 5.MAY.2025 23:48:28

802.11ac20, Low Channel(30MHz~5.1GHz)



ProjectNo.:2401A109825E-RF Tester:Kungfumaster Liang
Date: 5.MAY.2025 23:52:09

802.11ac20, Low Channel(5.1GHz~5.3GHz)

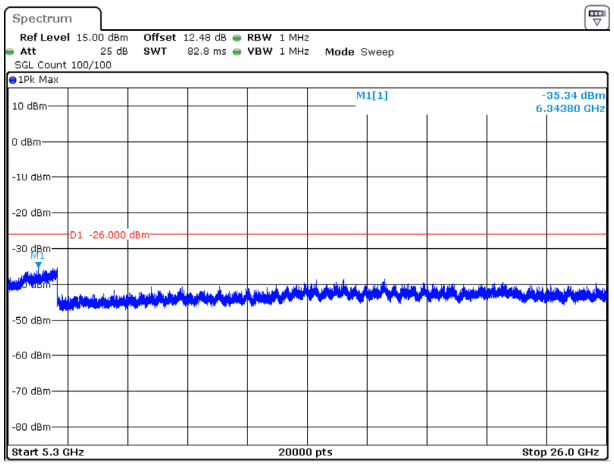


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
5.100 GHz	5.142 GHz	1.000 MHz	5.14119 GHz	-32.45 dBm	-6.45 dB
5.142 GHz	5.150 GHz	1.000 MHz	5.14626 GHz	-32.47 dBm	-14.27 dB
5.150 GHz	5.250 GHz	1.000 MHz	5.18173 GHz	10.24 dBm	-39.76 dB
5.250 GHz	5.251 GHz	1.000 MHz	5.25087 GHz	-32.38 dBm	-23.70 dB
5.251 GHz	5.260 GHz	1.000 MHz	5.25961 GHz	-32.41 dBm	-14.76 dB
5.260 GHz	5.267 GHz	1.000 MHz	5.26608 GHz	-32.68 dBm	-7.42 dB
5.267 GHz	5.300 GHz	1.000 MHz	5.29846 GHz	-31.95 dBm	-5.95 dB

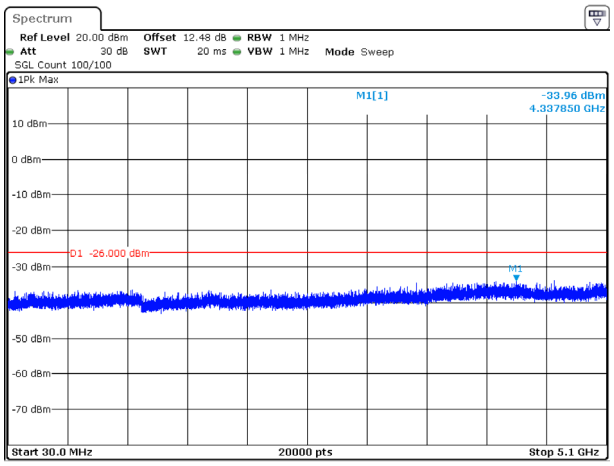
ProjectNo.:2401A109825E-RF Tester:Kungfumaster Liang
Date: 26.DEC.2024 19:55:42

802.11ac20, Low Channel(5.3GHz~26GHz)



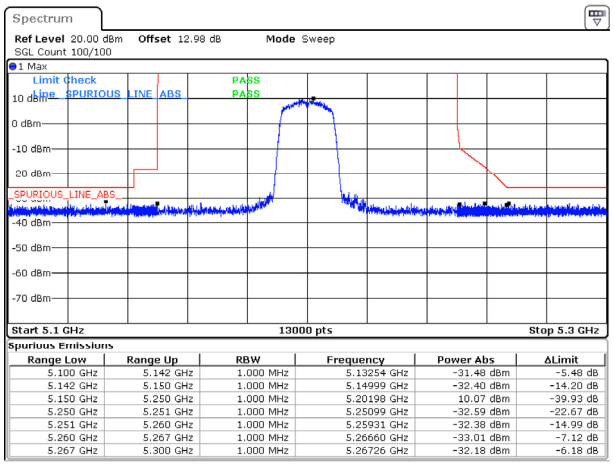
ProjectNo.:2401A109825E-RF Tester:Kungfumaster Liang
Date: 5.MAY.2025 23:52:51

802.11ac20, Middle Channel(30MHz~5.1GHz)



ProjectNo.:2401A109825E-RF Tester:Kungfumaster Liang
Date: 5.MAY.2025 23:53:08

802.11ac20, Middle Channel(5.1GHz~5.3GHz)

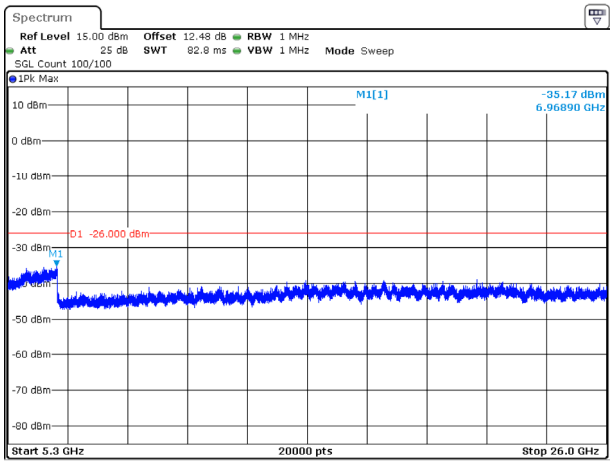


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
5.100 GHz	5.142 GHz	1.000 MHz	5.13254 GHz	-31.48 dBm	-5.48 dB
5.142 GHz	5.150 GHz	1.000 MHz	5.14999 GHz	-32.40 dBm	-14.20 dB
5.150 GHz	5.250 GHz	1.000 MHz	5.20198 GHz	10.07 dBm	-39.93 dB
5.250 GHz	5.251 GHz	1.000 MHz	5.25099 GHz	-32.59 dBm	-22.67 dB
5.251 GHz	5.260 GHz	1.000 MHz	5.25931 GHz	-32.38 dBm	-14.99 dB
5.260 GHz	5.267 GHz	1.000 MHz	5.26660 GHz	-33.01 dBm	-7.12 dB
5.267 GHz	5.300 GHz	1.000 MHz	5.26726 GHz	-32.18 dBm	-6.18 dB

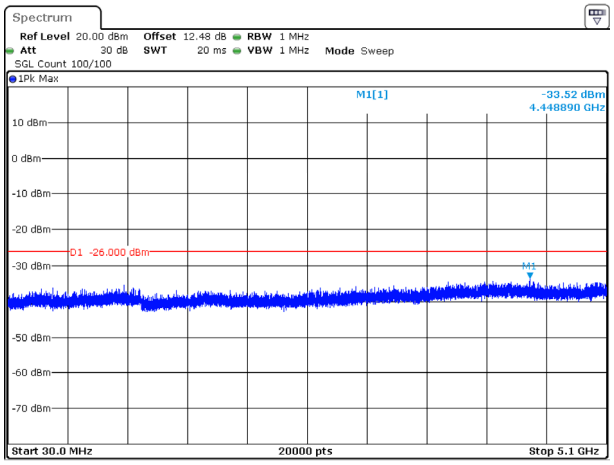
ProjectNo.:2401A109825E-RF Tester:Kungfumaster Liang
Date: 26.DEC.2024 19:56:08

802.11ac20, Middle Channel(5.3GHz~26GHz)



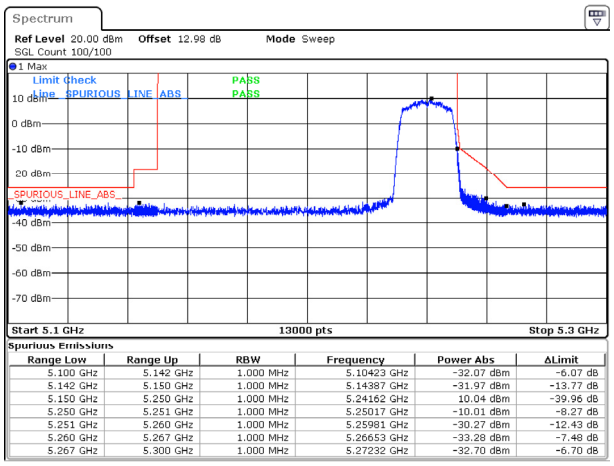
ProjectNo.:2401A109825E-RF Tester:Kungfumaster Liang
Date: 5.MAY.2025 23:53:50

802.11ac20, High Channel(30MHz~5.1GHz)



ProjectNo.:2401A109825E-RF Tester:Kungfumaster Liang
Date: 5.MAY.2025 23:54:08

802.11ac20, High Channel(5.1GHz~5.3GHz)

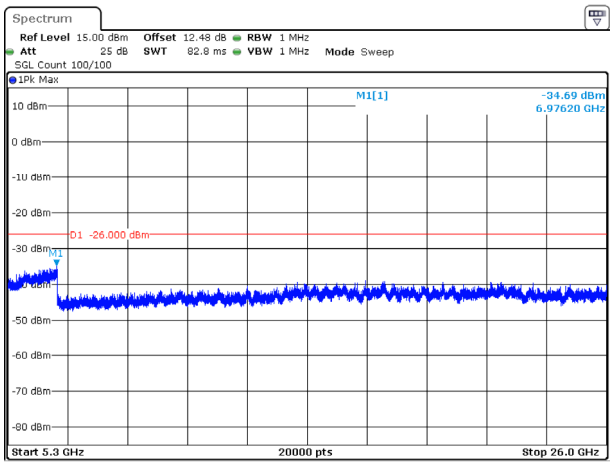


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
5.100 GHz	5.142 GHz	1.000 MHz	5.10423 GHz	-32.07 dBm	-6.07 dB
5.142 GHz	5.150 GHz	1.000 MHz	5.14387 GHz	-31.97 dBm	-13.77 dB
5.150 GHz	5.250 GHz	1.000 MHz	5.24162 GHz	10.04 dBm	-39.96 dB
5.250 GHz	5.251 GHz	1.000 MHz	5.25017 GHz	-10.01 dBm	-8.27 dB
5.251 GHz	5.260 GHz	1.000 MHz	5.25981 GHz	-30.27 dBm	-12.43 dB
5.260 GHz	5.267 GHz	1.000 MHz	5.26653 GHz	-33.28 dBm	-7.48 dB
5.267 GHz	5.300 GHz	1.000 MHz	5.27232 GHz	-32.70 dBm	-6.70 dB

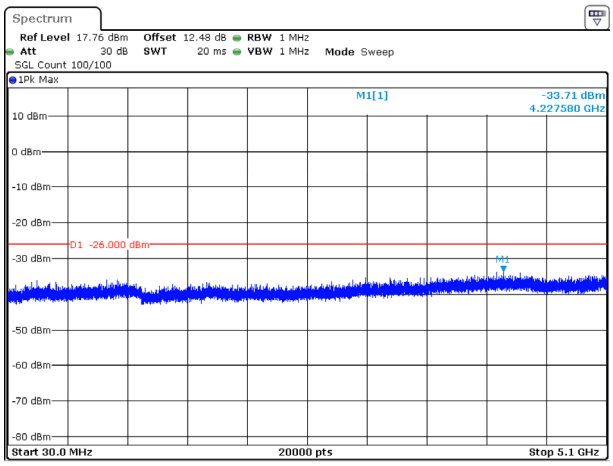
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Date: 26.DEC.2024 19:56:31

802.11ac20, High Channel(5.3GHz~26GHz)



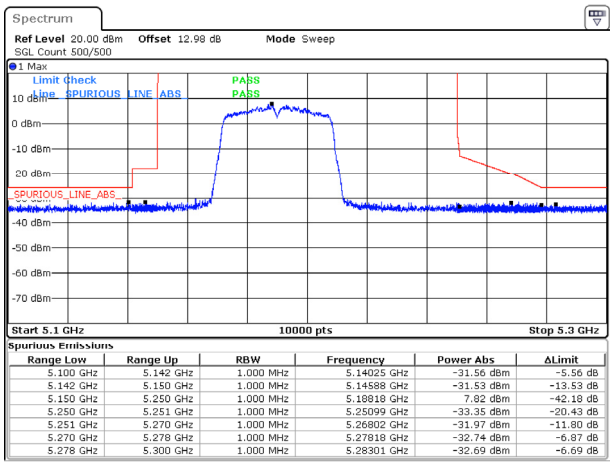
ProjectNo.:2401A109825E-RF Tester:Kungfumaster Liang
Date: 5.MAY.2025 23:54:49

802.11ac40, Low Channel(30MHz~5.1GHz)



ProjectNo.:2401A109825E-RF Tester:Kungfumaster Liang
Date: 5.MAY.2025 23:57:11

802.11ac40, Low Channel(5.1GHz~5.3GHz)

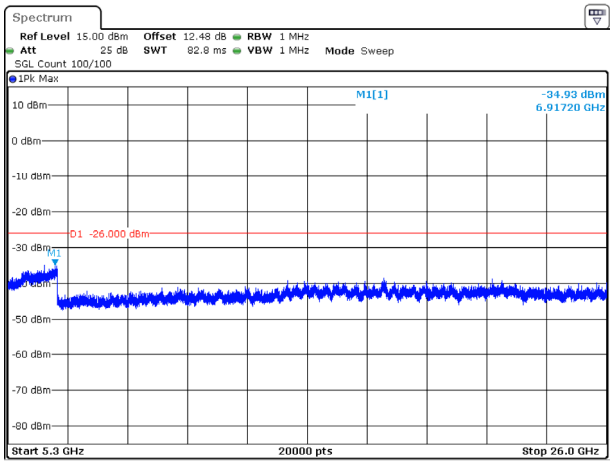


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
5.100 GHz	5.142 GHz	1.000 MHz	5.14025 GHz	-31.56 dBm	-5.56 dB
5.142 GHz	5.150 GHz	1.000 MHz	5.14588 GHz	-31.53 dBm	-13.53 dB
5.150 GHz	5.250 GHz	1.000 MHz	5.18818 GHz	7.82 dBm	-42.18 dB
5.250 GHz	5.251 GHz	1.000 MHz	5.25099 GHz	-33.35 dBm	-20.43 dB
5.251 GHz	5.270 GHz	1.000 MHz	5.26802 GHz	-31.97 dBm	-11.80 dB
5.270 GHz	5.278 GHz	1.000 MHz	5.27818 GHz	-32.74 dBm	-6.87 dB
5.278 GHz	5.300 GHz	1.000 MHz	5.28301 GHz	-32.69 dBm	-6.69 dB

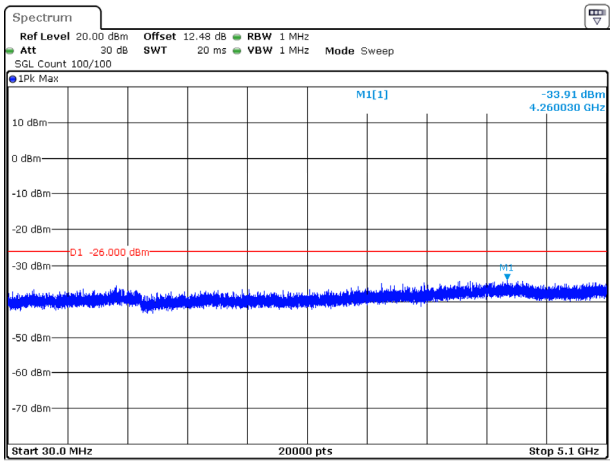
ProjectNo.:2401A109825E-RF Tester:Kungfumaster Liang
Date: 26.DEC.2024 19:57:17

802.11ac40, Low Channel(5.3GHz~26GHz)



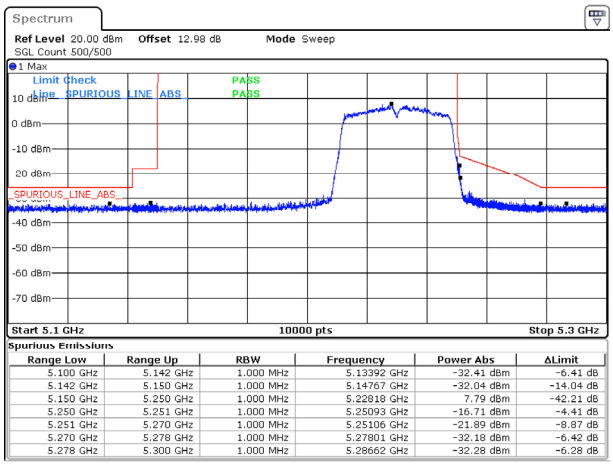
ProjectNo.:2401A109825E-RF Tester:Kungfumaster Liang
Date: 5.MAY.2025 23:57:52

802.11ac40, High Channel(30MHz~5.1GHz)



ProjectNo.:2401A109825E-RF Tester:Kungfumaster Liang
Date: 5.MAY.2025 23:58:10

802.11ac40, High Channel(5.1GHz~5.3GHz)

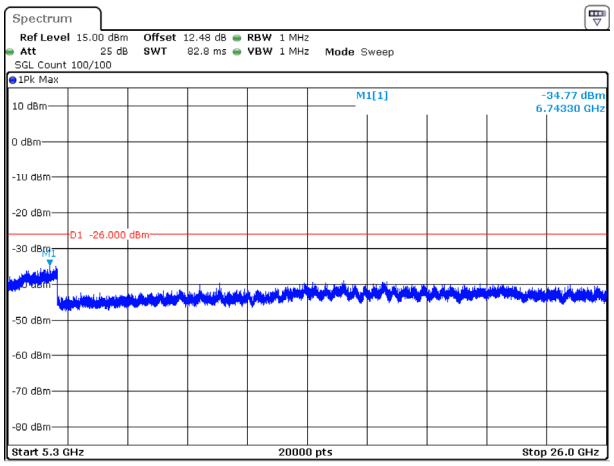


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
5.100 GHz	5.142 GHz	1.000 MHz	5.13392 GHz	-32.41 dBm	-6.41 dB
5.142 GHz	5.150 GHz	1.000 MHz	5.14767 GHz	-32.04 dBm	-14.04 dB
5.150 GHz	5.250 GHz	1.000 MHz	5.22818 GHz	7.79 dBm	-42.21 dB
5.250 GHz	5.251 GHz	1.000 MHz	5.25093 GHz	-16.71 dBm	-4.41 dB
5.251 GHz	5.270 GHz	1.000 MHz	5.25106 GHz	-21.89 dBm	-8.87 dB
5.270 GHz	5.278 GHz	1.000 MHz	5.27801 GHz	-32.18 dBm	-6.42 dB
5.278 GHz	5.300 GHz	1.000 MHz	5.28662 GHz	-32.28 dBm	-6.28 dB

ProjectNo.:2401A109825E-RF Tester:Kungfumaster Liang
Date: 26.DEC.2024 19:57:55

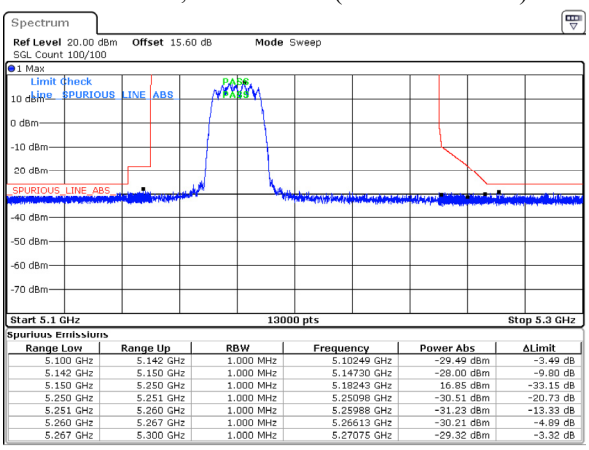
802.11ac40, High Channel(5.3GHz~26GHz)



ProjectNo.:2401A109825E-RF Tester:Kungfumaster Liang
Date: 5.MAY.2025 23:58:51

W52, Chain 0+Chain 1, Test Condition: NV

802.11ac20, Low Channel(5.1GHz~5.3GHz)

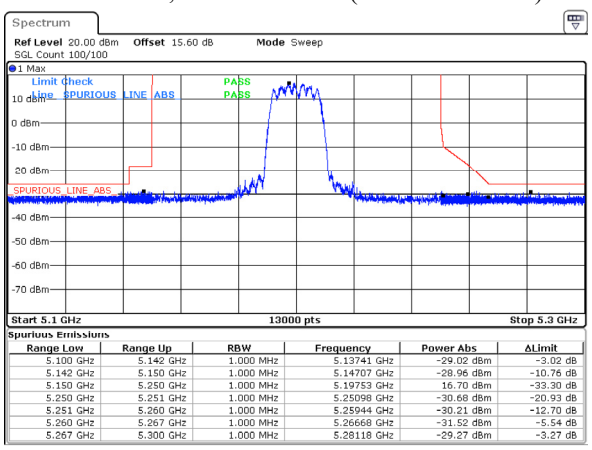


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
5.100 GHz	5.142 GHz	1.000 MHz	5.10249 GHz	-29.49 dBm	-3.49 dB
5.142 GHz	5.150 GHz	1.000 MHz	5.14730 GHz	-28.00 dBm	-9.80 dB
5.150 GHz	5.250 GHz	1.000 MHz	5.18243 GHz	16.85 dBm	-33.15 dB
5.250 GHz	5.251 GHz	1.000 MHz	5.25098 GHz	-30.51 dBm	-20.73 dB
5.251 GHz	5.260 GHz	1.000 MHz	5.25988 GHz	-31.23 dBm	-13.33 dB
5.260 GHz	5.267 GHz	1.000 MHz	5.26613 GHz	-30.21 dBm	-4.89 dB
5.267 GHz	5.300 GHz	1.000 MHz	5.27075 GHz	-29.32 dBm	-3.32 dB

ProjectNo.:2401A109825E-RF Tester:Kungfumaster Liang
Date: 26.DEC.2024 20:57:41

802.11ac20, Middle Channel(5.1GHz~5.3GHz)

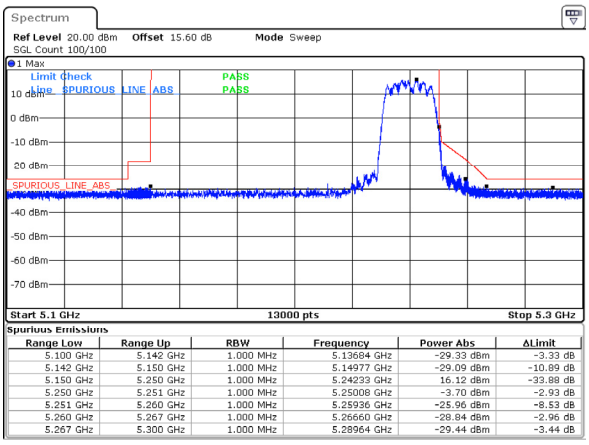


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
5.100 GHz	5.142 GHz	1.000 MHz	5.13741 GHz	-29.02 dBm	-3.02 dB
5.142 GHz	5.150 GHz	1.000 MHz	5.14707 GHz	-28.96 dBm	-10.76 dB
5.150 GHz	5.250 GHz	1.000 MHz	5.19753 GHz	16.70 dBm	-33.30 dB
5.250 GHz	5.251 GHz	1.000 MHz	5.25098 GHz	-30.68 dBm	-20.93 dB
5.251 GHz	5.260 GHz	1.000 MHz	5.25944 GHz	-30.21 dBm	-12.70 dB
5.260 GHz	5.267 GHz	1.000 MHz	5.26668 GHz	-31.52 dBm	-5.54 dB
5.267 GHz	5.300 GHz	1.000 MHz	5.28118 GHz	-29.27 dBm	-3.27 dB

ProjectNo.:2401A109825E-RF Tester:Kungfumaster Liang
Date: 26.DEC.2024 20:58:17

802.11ac20, High Channel(5.1GHz~5.3GHz)

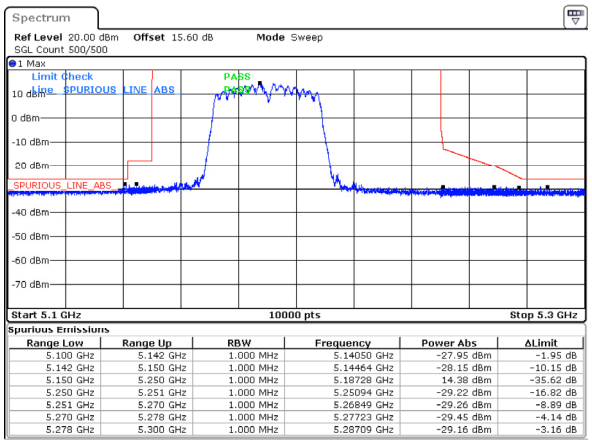


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
5.100 GHz	5.142 GHz	1.000 MHz	5.13684 GHz	-29.33 dBm	-3.33 dB
5.142 GHz	5.150 GHz	1.000 MHz	5.14977 GHz	-29.09 dBm	-10.89 dB
5.150 GHz	5.250 GHz	1.000 MHz	5.24233 GHz	16.12 dBm	-33.88 dB
5.250 GHz	5.251 GHz	1.000 MHz	5.25008 GHz	-3.70 dBm	-2.93 dB
5.251 GHz	5.260 GHz	1.000 MHz	5.25936 GHz	-25.96 dBm	-8.53 dB
5.260 GHz	5.267 GHz	1.000 MHz	5.26660 GHz	-28.84 dBm	-2.96 dB
5.267 GHz	5.300 GHz	1.000 MHz	5.28964 GHz	-29.44 dBm	-3.44 dB

ProjectNo.:2401A109825E-RF Tester:Kungfumaster Liang
Date: 26.DEC.2024 20:58:48

802.11ac40, Low Channel(5.1GHz~5.3GHz)

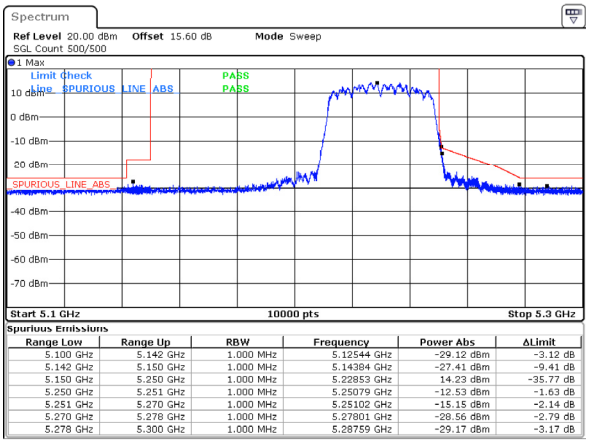


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
5.100 GHz	5.142 GHz	1.000 MHz	5.14050 GHz	-27.95 dBm	-1.95 dB
5.142 GHz	5.150 GHz	1.000 MHz	5.14464 GHz	-28.15 dBm	-10.15 dB
5.150 GHz	5.250 GHz	1.000 MHz	5.18728 GHz	14.38 dBm	-35.62 dB
5.250 GHz	5.251 GHz	1.000 MHz	5.25094 GHz	-29.22 dBm	-16.82 dB
5.251 GHz	5.270 GHz	1.000 MHz	5.26849 GHz	-29.26 dBm	-8.89 dB
5.270 GHz	5.278 GHz	1.000 MHz	5.27723 GHz	-29.45 dBm	-4.14 dB
5.278 GHz	5.300 GHz	1.000 MHz	5.28709 GHz	-29.16 dBm	-3.16 dB

ProjectNo.:2401A109825E-RF Tester:Kungfumaster Liang
Date: 26.DEC.2024 20:59:42

802.11ac40, High Channel(5.1GHz~5.3GHz)



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
5.100 GHz	5.142 GHz	1.000 MHz	5.12544 GHz	-29.12 dBm	-3.12 dB
5.142 GHz	5.150 GHz	1.000 MHz	5.14384 GHz	-27.41 dBm	-9.41 dB
5.150 GHz	5.250 GHz	1.000 MHz	5.22853 GHz	14.23 dBm	-35.77 dB
5.250 GHz	5.251 GHz	1.000 MHz	5.25079 GHz	-12.53 dBm	-1.63 dB
5.251 GHz	5.270 GHz	1.000 MHz	5.25102 GHz	-15.15 dBm	-2.14 dB
5.270 GHz	5.278 GHz	1.000 MHz	5.27801 GHz	-28.56 dBm	-2.79 dB
5.278 GHz	5.300 GHz	1.000 MHz	5.28759 GHz	-29.17 dBm	-3.17 dB

ProjectNo.:2401A109825E-RF Tester:Kungfumaster Liang
Date: 26.DEC.2024 21:02:50

Adjacent Channel Power

Test Information:

Sample No.:	2X0Y-6	**Test Date:**	2024/12/23~2025/05/06
Test Site:	RF	**Test Mode:**	Transmitting
Tester:	Kungfumaster Liang	**Test Result:**	Pass

Environmental Conditions:

Temperature: (°C):	22.1-24.5	**Relative Humidity: (%)**	39-42	**ATM Pressure: (kPa)**	101

Test Condition: NV

W52, Chain 0

Mode	Frequency offset(MHz)	Result(dBc)			Limit (dBc)	Verdict
		Low Channel	Middle Channel	High Channel		
802.11a	-20	43.36	36.50	36.71	≥ 25	Pass
	+20	42.55	35.51	35.77	≥ 25	Pass
	-40	45.22	45.23	45.56	≥ 40	Pass
	+40	45.34	45.23	45.83	≥ 40	Pass
802.11ac20	-20	42.09	40.91	40.55	≥ 25	Pass
	+20	41.46	40.31	40.30	≥ 25	Pass
	-40	43.00	43.02	42.98	≥ 40	Pass
	+40	42.96	42.78	42.66	≥ 40	Pass
802.11ac40	-40	34.86	/	33.78	≥ 25	Pass
	+40	33.96	/	33.59	≥ 25	Pass
	-80	42.95	/	42.40	≥ 40	Pass
	+80	42.97	/	42.42	≥ 40	Pass

W52, Chain 1

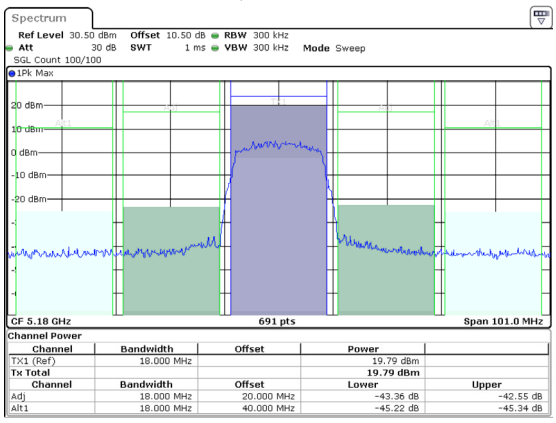
Mode	Frequency offset(MHz)	Result(dBc)			Limit (dBc)	Verdict
		Low Channel	Middle Channel	High Channel		
802.11a	-20	43.44	39.04	38.28	≥ 25	Pass
	+20	42.88	37.60	36.86	≥ 25	Pass
	-40	45.81	45.43	45.56	≥ 40	Pass
	+40	45.53	45.44	45.46	≥ 40	Pass
802.11ac20	-20	41.91	40.87	41.06	≥ 25	Pass
	+20	41.85	40.72	40.62	≥ 25	Pass
	-40	43.14	43.60	43.36	≥ 40	Pass
	+40	43.41	43.34	43.42	≥ 40	Pass
802.11ac40	-40	34.04	/	34.12	≥ 25	Pass
	+40	33.54	/	33.83	≥ 25	Pass
	-80	42.80	/	42.26	≥ 40	Pass
	+80	42.70	/	42.38	≥ 40	Pass

W52, Chain 0+Chain 1

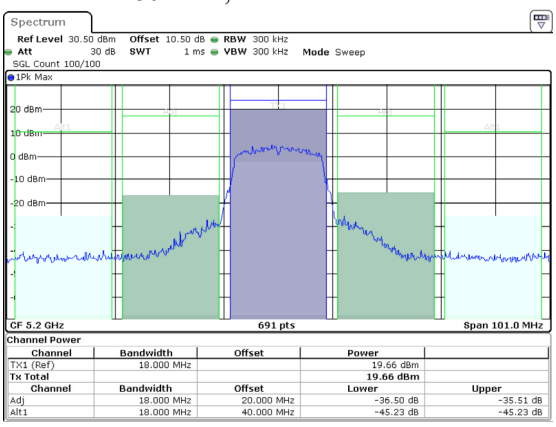
Mode	Frequency offset(MHz)	Result(dBc)			Limit (dBc)	Verdict
		Low Channel	Middle Channel	High Channel		
802.11ac20	-20	44.01	42.22	41.89	≥ 25	Pass
	+20	43.92	42.47	42.14	≥ 25	Pass
	-40	46.06	46.07	45.71	≥ 40	Pass
	+40	46.23	45.99	45.60	≥ 40	Pass
802.11ac40	-40	38.68	/	37.94	≥ 25	Pass
	+40	38.66	/	37.66	≥ 25	Pass
	-80	43.32	/	43.13	≥ 40	Pass
	+80	43.70	/	42.78	≥ 40	Pass

W52, Chain 0, Test Condition: NV

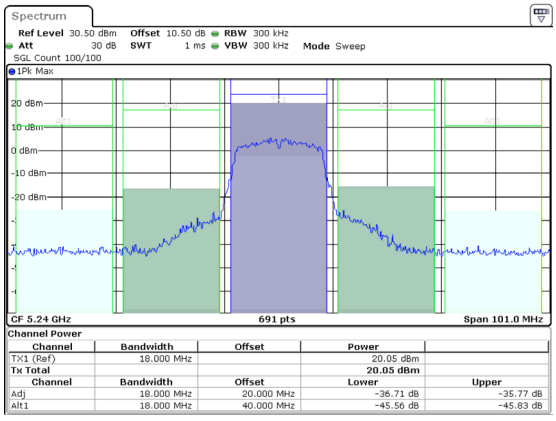
802.11a, Low Channel



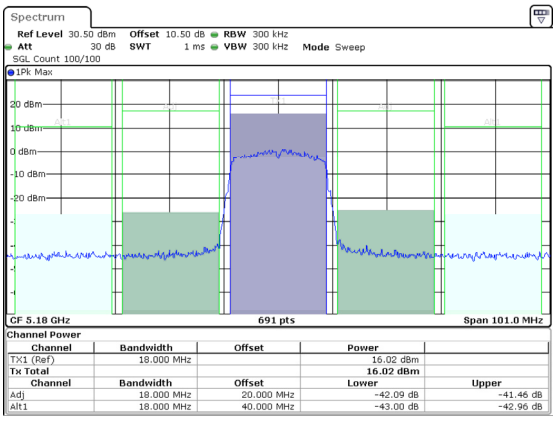
802.11a, Middle Channel



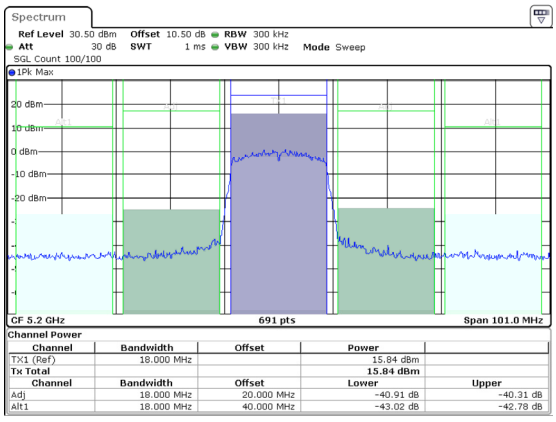
802.11a, High Channel



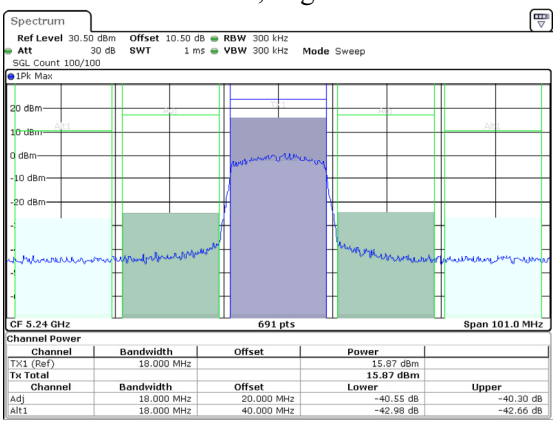
802.11ac20, Low Channel



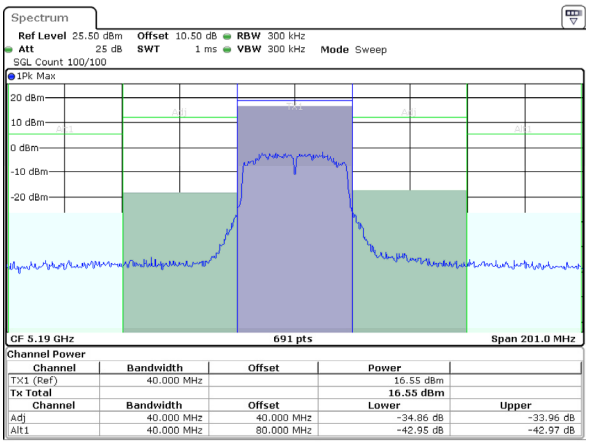
802.11ac20, Middle Channel



802.11ac20, High Channel

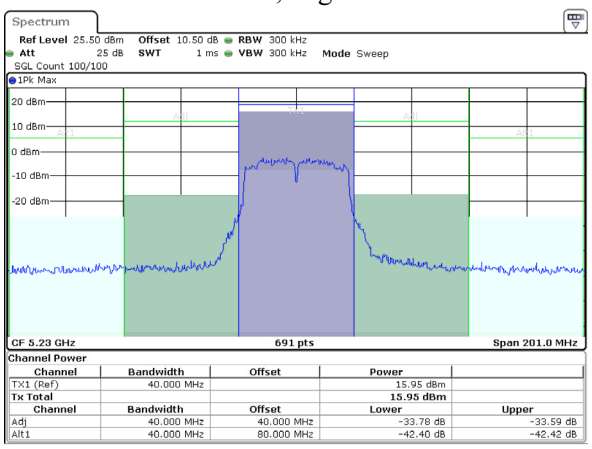


802.11ac40, Low Channel



ProjectNo.:2401A109825E-RF Tester:Kungfumaster Liang
Date: 6.MAY.2025 03:50:33

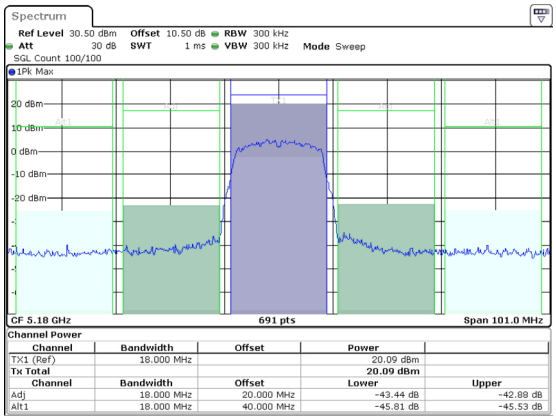
802.11ac40, High Channel



ProjectNo.:2401A109825E-RF Tester:Kungfumaster Liang
Date: 6.MAY.2025 03:48:46

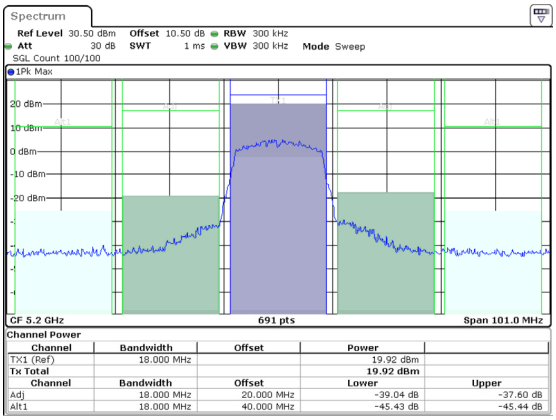
W52, Chain 1, Test Condition: NV

802.11a, Low Channel



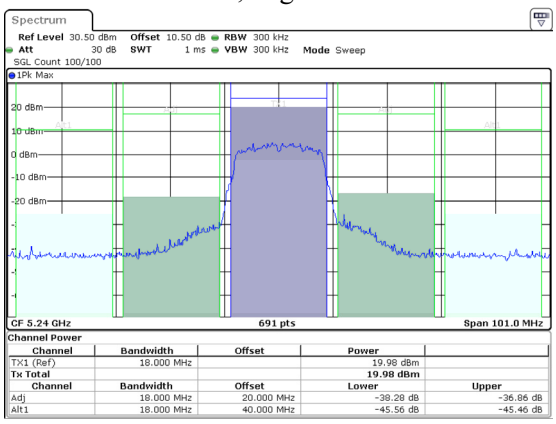
ProjectNo.:2401A109825E-RF Tester:Kungfumaster Liang
Date: 23.DEC.2024 01:19:26

802.11a, Middle Channel



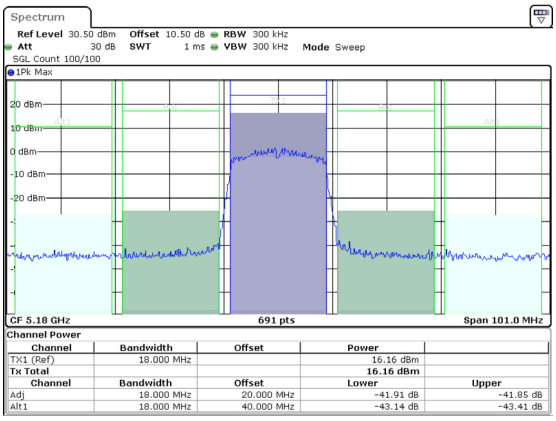
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Date: 23.DEC.2024 01:19:58

802.11a, High Channel



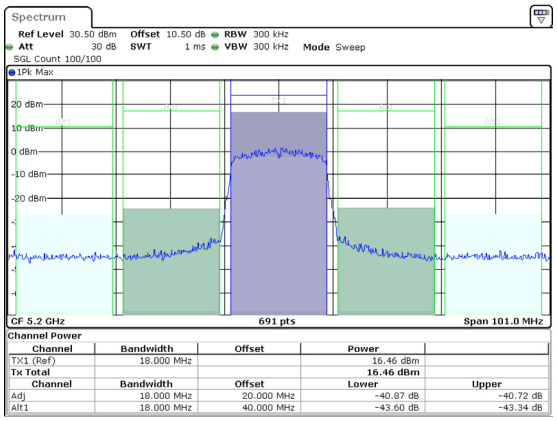
ProjectNo.:2401A109825E-RF Tester:Kungfumaster Liang
Date: 23.DEC.2024 01:20:19

802.11ac20, Low Channel

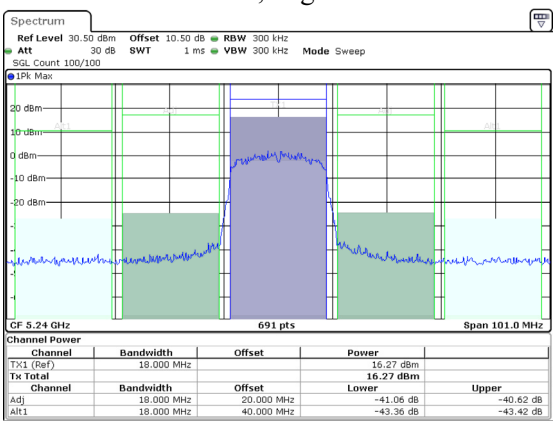


ProjectNo.:2401A109825E-RF Tester:Kungfumaster Liang
Date: 24.DEC.2024 01:59:42

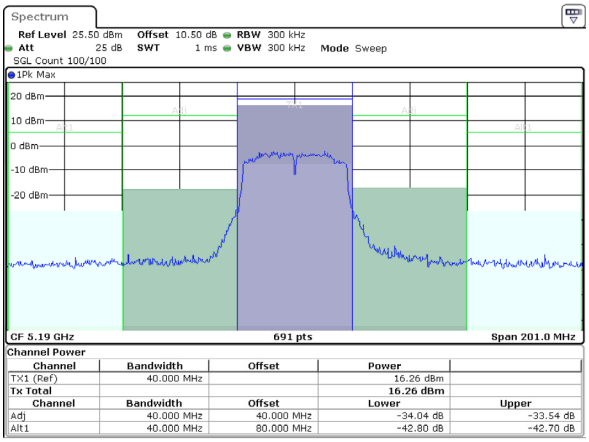
802.11ac20, Middle Channel



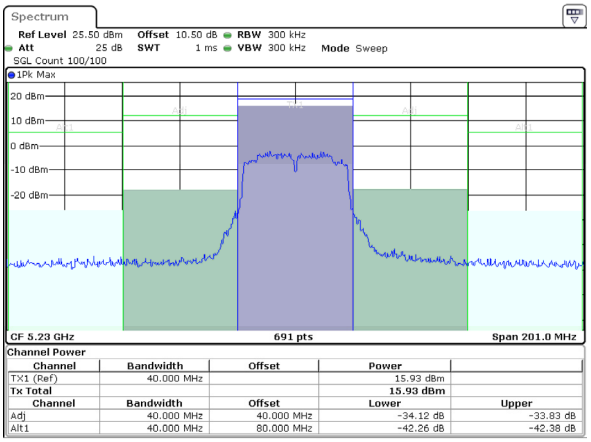
802.11ac20, High Channel



802.11ac40, Low Channel

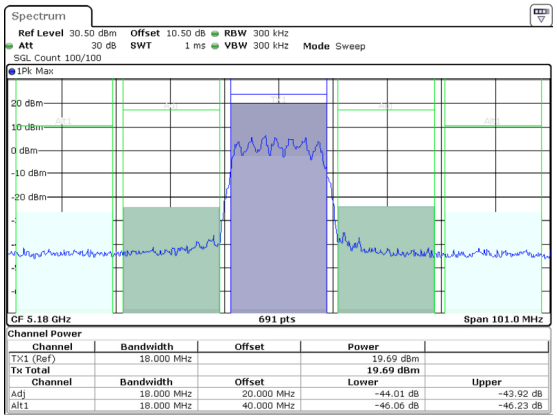


802.11ac40, High Channel

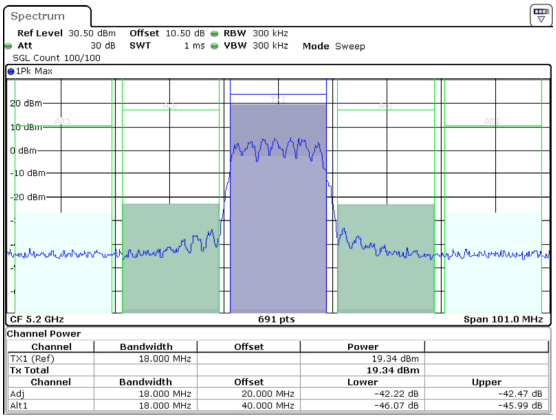


W52, Chain 0+Chain 1, Test Condition: NV

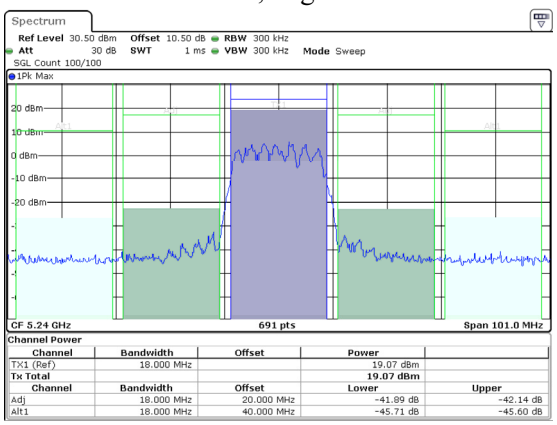
802.11ac20, Low Channel



802.11ac20, Middle Channel

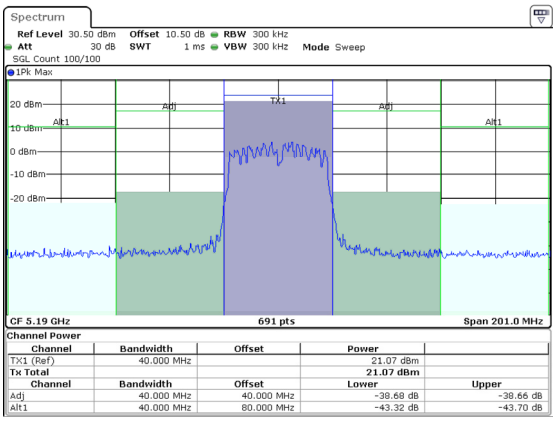


802.11ac20, High Channel



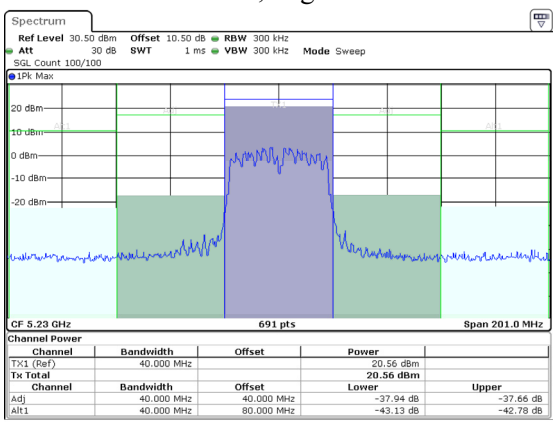
ProjectNo.:2401A109825E-RF Tester:Kungfumaster Liang
Date: 25.DEC.2024 02:30:36

802.11ac40, Low Channel



ProjectNo.:2401A109825E-RF Tester:Kungfumaster Liang
Date: 25.DEC.2024 02:31:16

802.11ac40, High Channel



ProjectNo.:2401A109825E-RF Tester:Kungfumaster Liang
Date: 25.DEC.2024 02:31:45

Output Power and Output Power Tolerance

Test Information:

Sample No.:	2X0Y-6	**Test Date:**	2024/12/23~2024/12/24
Test Site:	RF	**Test Mode:**	Transmitting
Tester:	Kungfumaster Liang	**Test Result:**	Pass

Environmental Conditions:

Temperature: (°C):	22.1-24.5	**Relative Humidity: (%)**	39-42	**ATM Pressure: (kPa)**	101

Test Condition: NV
W52

Antenna	Mode	Declared power (mW/MHz)
Chain 0	802.11a	1.6
Chain 1	802.11a	1.6
Chain 1+Chain 0	802.11ac20	1.5
	802.11ac40	0.8

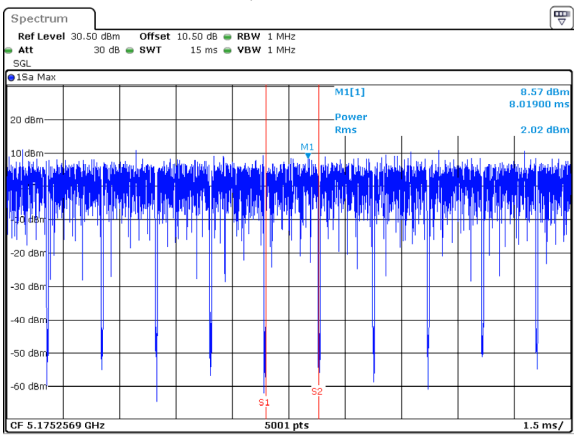
Antenna	Mode	Channel	Reading (dBm/MHz)	Antenna output power(mW/MHz)		Antenna output tolerance(%)		EIRP (dBm/MHz)		Verdict
				Result	Limit	Result	Limit	Result	Limit	
Chain 0	802.11a	Low	2.02	1.592	≤ 10	-0.50	-80~+20	6.24	10	Pass
		Middle	2.10	1.622		1.38		6.32	10	Pass
		High	2.14	1.637		2.31		6.36	10	Pass
	802.11ac20	Low	-1.31	0.740	/	/		/	/	/
		Middle	-1.29	0.743		/		/	/	/
		High	-1.20	0.759		/		/	/	/
	802.11ac40	Low	-3.51	0.446	/	/		/	/	/
		High	-3.75	0.422		/		/	/	/
Chain 1	802.11a	Low	2.13	1.633	≤ 10	2.06		4.11	10	Pass
		Middle	2.09	1.618		1.12		4.07	10	Pass
		High	2.05	1.603		0.19		4.03	10	Pass
	802.11ac20	Low	-1.16	0.766	/	/		/	/	/
		Middle	-0.81	0.830		/		/	/	/
		High	-1.04	0.787		/		/	/	/
	802.11ac40	Low	-3.55	0.442	/	/		/	/	/
		High	-4.65	0.343		/		/	/	/
Chain 0+Chain 1	802.11ac20	Low	/	1.507	≤ 10	0.47		5.00	10	Pass
		Middle	/	1.574		4.93		5.15	10	Pass
		High	/	1.545		3.00		5.11	10	Pass
	802.11ac40	Low	/	0.887	≤ 7	10.88		2.73	7	Pass
		High	/	0.764		-4.50		2.19	7	Pass

Note:
Chain 0/Chain 1
Antenna output power(mW/MHz) = 10^[Reading(dBm/MHz) / 10]
Antenna output power tolerance(%) = (Antenna output power - declared power) / declared power * 100
EIRP(mW/MHz) = 10^{[Reading(dBm/MHz) + Antenna gain] / 10}.

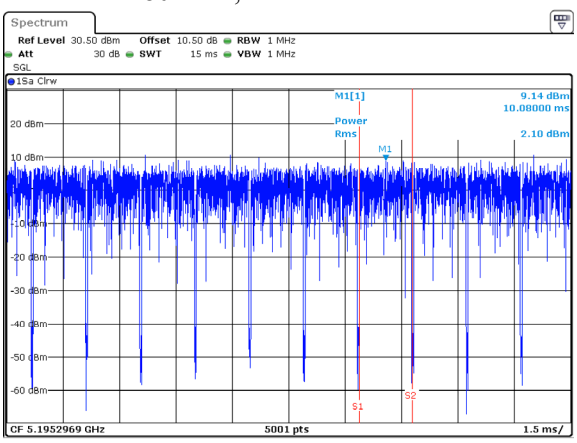
Chain 0+Chain 1
Reading(dBm/MHz) = 10*log{10^[Reading(dBm/MHz)chain0 / 10] + 10^[Reading(dBm/MHz)chain1 / 10]}
Antenna output power(mW/MHz) = 10^[Reading(dBm/MHz) / 10]
Antenna output power tolerance(%) = (Antenna output power - declared power) / declared power * 100
EIRP(mW/MHz) = 10^{[Reading(dBm/MHz) + Antenna gain] / 10}.
ANT1:4.22dBi ANT2:1.98dBi

W52, Chain 0, Test Condition: NV

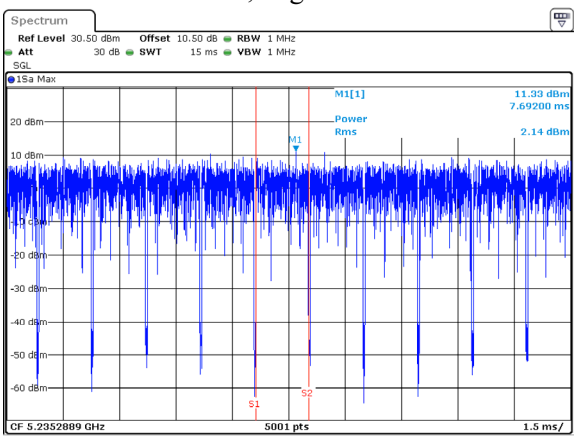
802.11a, Low Channel



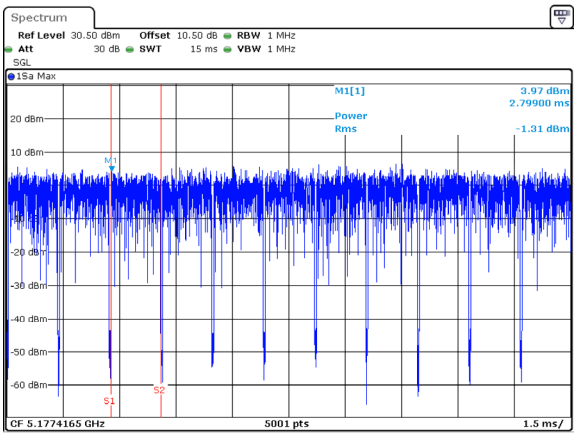
802.11a, Middle Channel



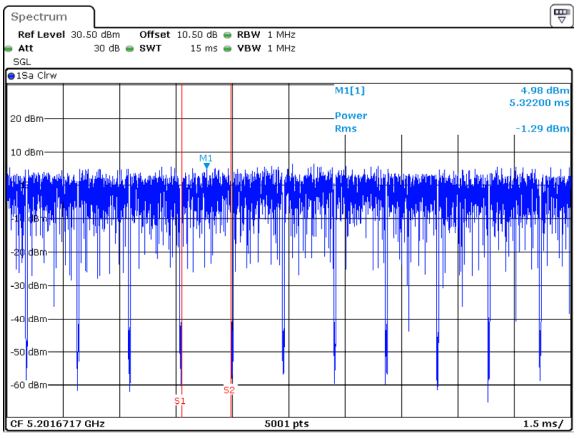
802.11a, High Channel



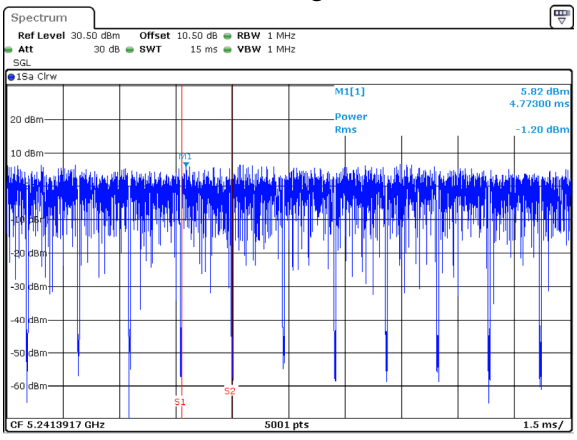
802.11ac20, Low Channel



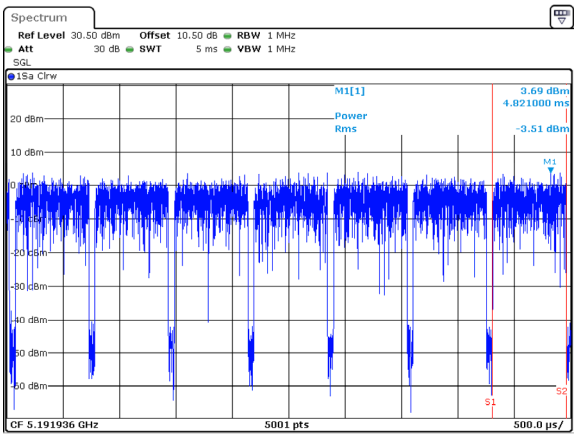
802.11ac20, Middle Channel



802.11ac20, High Channel

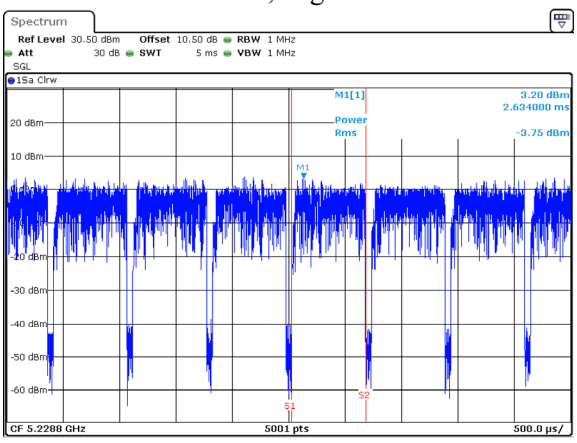


802.11ac40, Low Channel



ProjectNo.:2401A109825E-RF Tester:Kungfumaster Liang
Date: 24.DEC.2024 02:41:23

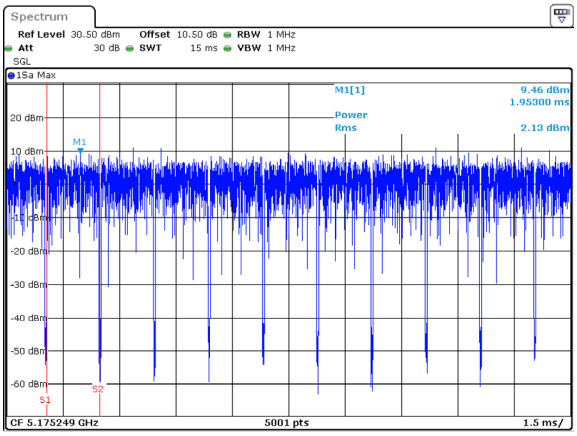
802.11ac40, High Channel



ProjectNo.:2401A109825E-RF Tester:Kungfumaster Liang
Date: 24.DEC.2024 02:47:39

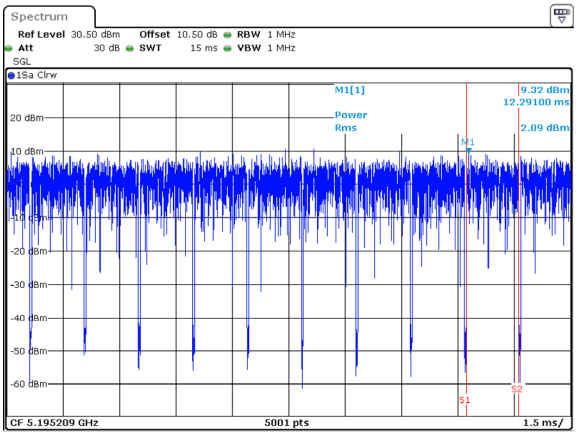
W52, Chain 1, Test Condition: NV

802.11a, Low Channel



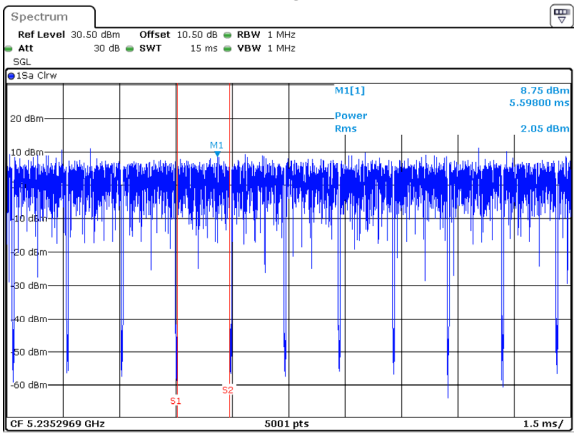
ProjectNo.:2401A109825E-RF Tester:Kungfumaster Liang
Date: 23.DEC.2024 01:22:48

802.11a, Middle Channel



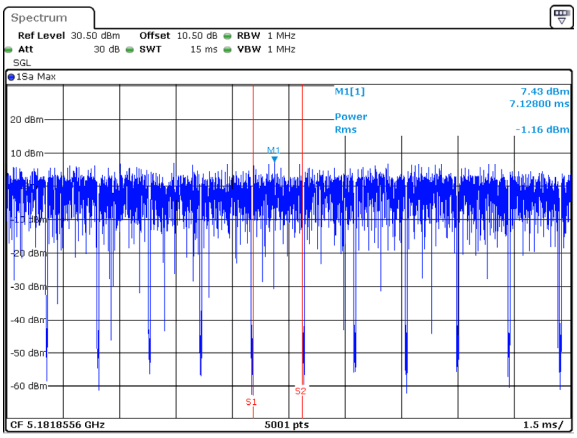
ProjectNo.:2401A109825E-RF Tester:Kungfumaster Liang
Date: 23.DEC.2024 01:24:17

802.11a, High Channel



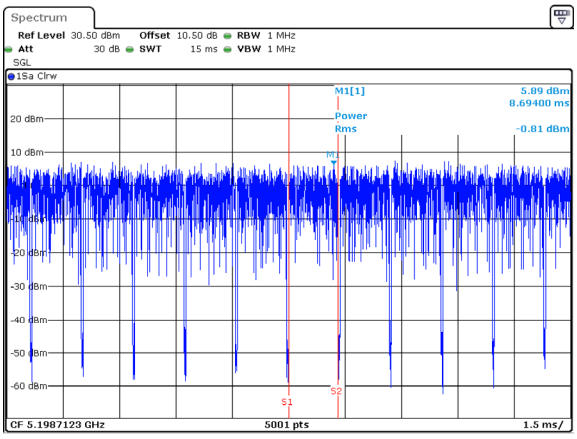
ProjectNo.:2401A109825E-RF Tester:Kungfumaster Liang
Date: 23.DEC.2024 01:25:43

802.11ac20, Low Channel



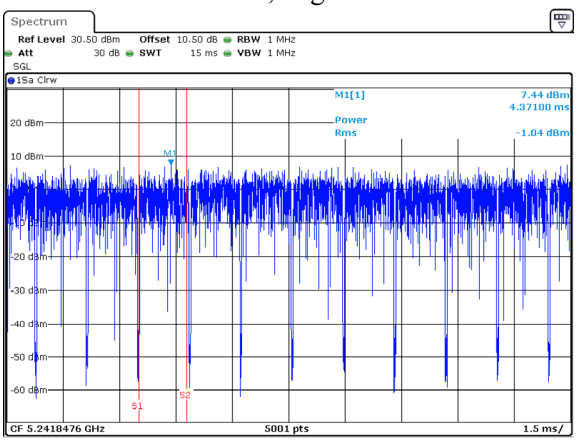
ProjectNo.:2401A109825E-RF Tester:Kungfumaster Liang
Date: 24.DEC.2024 01:59:31

802.11ac20, Middle Channel



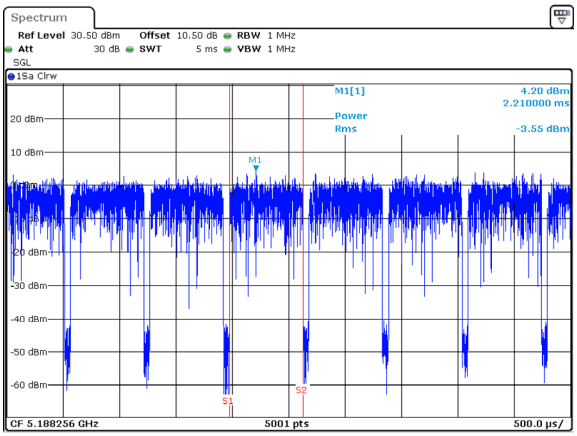
ProjectNo.:2401A109825E-RF Tester:Kungfumaster Liang
Date: 24.DEC.2024 02:02:57

802.11ac20, High Channel



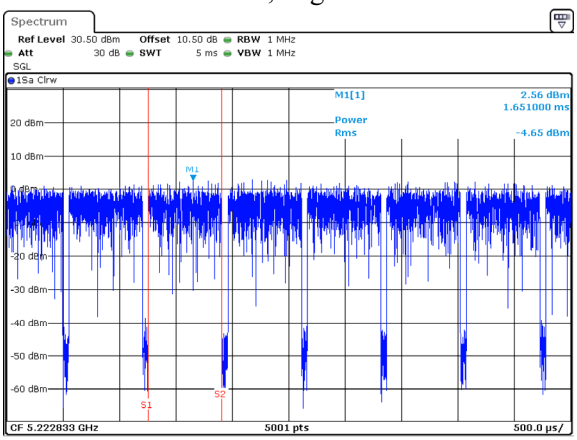
ProjectNo.:2401A109825E-RF Tester:Kungfumaster Liang
Date: 24.DEC.2024 02:05:09

802.11ac40, Low Channel



ProjectNo.:2401A109825E-RF Tester:Kungfumaster Liang
Date: 24.DEC.2024 02:56:48

802.11ac40, High Channel



ProjectNo.:2401A109825E-RF Tester:Kungfumaster Liang
Date: 24.DEC.2024 03:02:47

Secondary Radiated Emission Strength

Test Information:

Sample No.:	2X0Y-6	**Test Date:**	2024/12/23~2024/12/24
Test Site:	RF	**Test Mode:**	Transmitting
Tester:	Kungfumaster Liang	**Test Result:**	Pass

Environmental Conditions:

Temperature: (°C):	22.1-24.5	**Relative Humidity: (%)**	39-42	**ATM Pressure: (kPa)**	101

Test Condition: NV

W52, Chain 0

Mode	Channel	Frequency Range		Max.Emission Located(MHz)	Max.Emission		Limit (nW)	Verdict
		Start (MHz)	Stop (MHz)		Result (dBm)	Result (nW)		
802.11a	Low	30	1000	956.11	-66.71	0.213	4	Pass
		1000	26000	18281.25	-51.06	7.834	20	Pass
	Middle	30	1000	352.77	-66.53	0.222	4	Pass
		1000	26000	18331.25	-51.27	7.464	20	Pass
	High	30	1000	686.45	-67.13	0.194	4	Pass
		1000	26000	15893.75	-51.69	6.776	20	Pass
802.11ac20	Low	30	1000	825.16	-60.32	0.929	4	Pass
		1000	26000	20381.25	-51.62	6.887	20	Pass
	Middle	30	1000	894.51	-67.25	0.188	4	Pass
		1000	26000	18281.25	-51.21	7.568	20	Pass
	High	30	1000	981.81	-67.01	0.199	4	Pass
		1000	26000	18281.25	-51.66	6.823	20	Pass
802.11ac40	Low	30	1000	554.53	-66.71	0.213	4	Pass
		1000	26000	18293.75	-51.45	7.161	20	Pass
	High	30	1000	929.92	-67.00	0.200	4	Pass
		1000	26000	18306.25	-51.57	6.966	20	Pass

W52, Chain 1

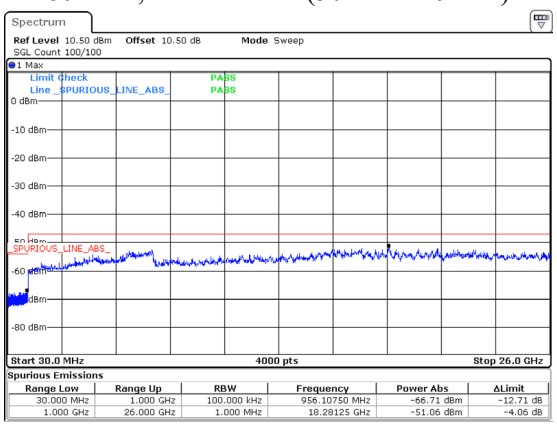
Mode	Channel	Frequency Range		Max.Emission Located(MHz)	Max.Emission		Limit (nW)	Verdict
		Start (MHz)	Stop (MHz)		Result (dBm)	Result (nW)		
802.11a	Low	30	1000	951.26	-66.45	0.226	4	Pass
		1000	26000	18331.25	-51.07	7.816	20	Pass
	Middle	30	1000	904.21	-66.64	0.217	4	Pass
		1000	26000	18318.75	-50.69	8.531	20	Pass
	High	30	1000	745.62	-66.75	0.211	4	Pass
		1000	26000	16881.25	-51.05	7.852	20	Pass
802.11ac20	Low	30	1000	890.63	-66.60	0.219	4	Pass
		1000	26000	18306.25	-51.38	7.278	20	Pass
	Middle	30	1000	950.77	-66.61	0.218	4	Pass
		1000	26000	15543.75	-51.18	7.621	20	Pass
	High	30	1000	907.61	-66.36	0.231	4	Pass
		1000	26000	18281.25	-51.20	7.586	20	Pass
802.11ac40	Low	30	1000	994.91	-66.77	0.210	4	Pass
		1000	26000	15581.25	-51.31	7.396	20	Pass
	High	30	1000	976.48	-66.46	0.226	4	Pass
		1000	26000	15581.25	-52.02	6.281	20	Pass

W52, Chain 0+Chain 1

Mode	Channel	Frequency Range		Max.Emission		Limit (nW)	Verdict
		Start (MHz)	Stop (MHz)	Result (dBm)	Result (nW)		
802.11ac20	Low	30	1000	-59.40	1.148	4	Pass
		1000	26000	-48.49	14.158	20	Pass
	Middle	30	1000	-63.91	0.406	4	Pass
		1000	26000	-48.18	15.205	20	Pass
	High	30	1000	-63.66	0.431	4	Pass
		1000	26000	-48.41	14.421	20	Pass
802.11ac40	Low	30	1000	-63.73	0.424	4	Pass
		1000	26000	-48.37	14.555	20	Pass
	High	30	1000	-63.71	0.426	4	Pass
		1000	26000	-48.78	13.243	20	Pass

W52, Chain 0, Test Condition: NV

802.11a, Low Channel(30MHz~26GHz)

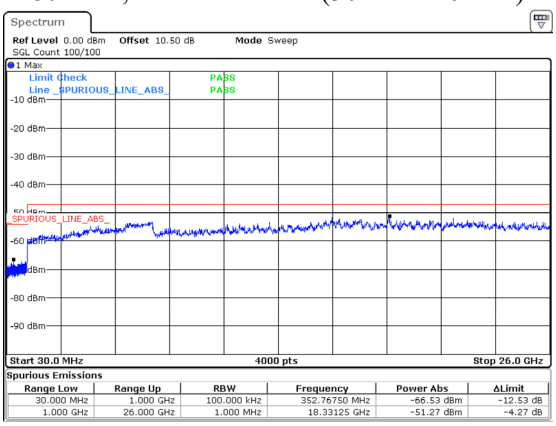


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	100.000 kHz	956.10750 MHz	-66.71 dBm	-12.71 dB
1.000 GHz	26.000 GHz	1.000 MHz	18.28125 GHz	-51.06 dBm	-4.06 dB

ProjectNo.:2401A109825E-RF Tester:Kungfumaster Liang
Date: 23.DEC.2024 01:49:48

802.11a, Middle Channel(30MHz~26GHz)

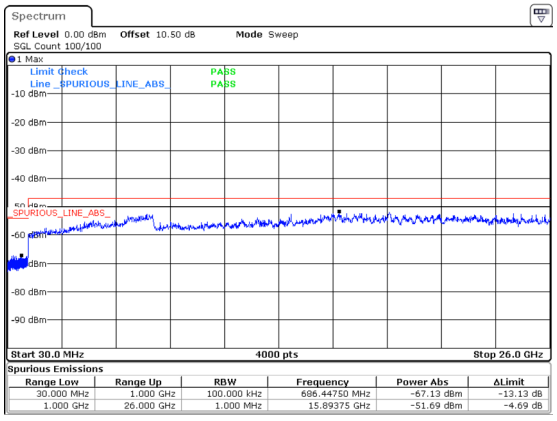


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	100.000 kHz	352.76750 MHz	-66.53 dBm	-12.53 dB
1.000 GHz	26.000 GHz	1.000 MHz	18.33125 GHz	-51.27 dBm	-4.27 dB

ProjectNo.:2401A109825E-RF Tester:Kungfumaster Liang
Date: 23.DEC.2024 01:51:07

802.11a, High Channel(30MHz~26GHz)

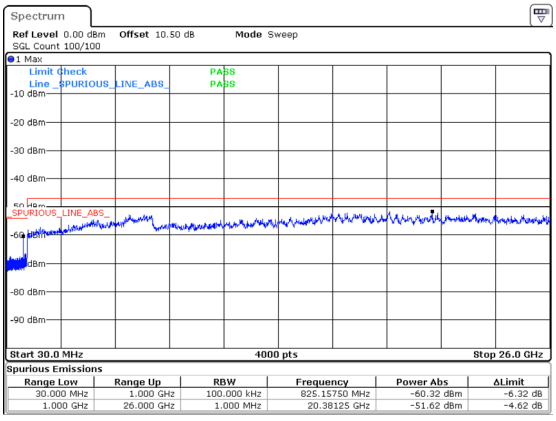


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	100.000 kHz	686.44750 MHz	-67.13 dBm	-13.13 dB
1.000 GHz	26.000 GHz	1.000 MHz	15.89375 GHz	-51.69 dBm	-4.69 dB

ProjectNo.:2401A109825E-RF Tester:Kungfumaster Liang
Date: 23.DEC.2024 01:52:05

802.11ac20, Low Channel(30MHz~26GHz)

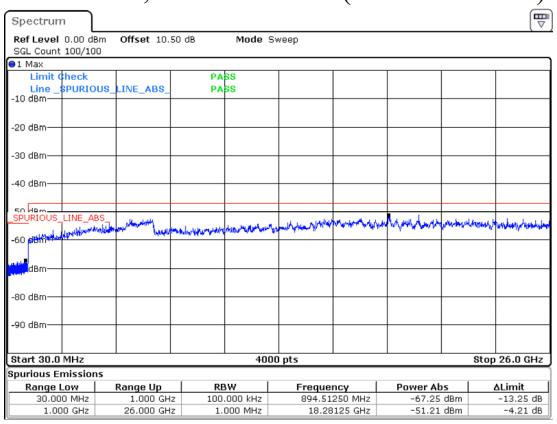


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	100.000 kHz	825.15750 MHz	-60.32 dBm	-6.32 dB
1.000 GHz	26.000 GHz	1.000 MHz	20.38125 GHz	-51.62 dBm	-4.62 dB

ProjectNo.:2401A109825E-RF Tester:Kungfumaster Liang
Date: 24.DEC.2024 03:32:36

802.11ac20, Middle Channel(30MHz~26GHz)

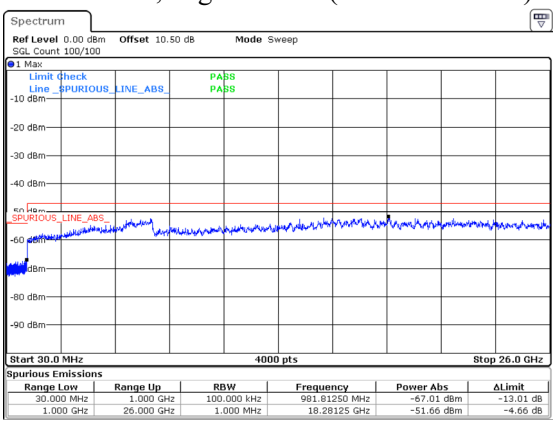


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	100.000 kHz	894.51250 MHz	-67.25 dBm	-13.25 dB
1.000 GHz	26.000 GHz	1.000 MHz	18.28125 GHz	-51.21 dBm	-4.21 dB

ProjectNo.:2401A109825E-RF Tester:Kungfumaster Liang
Date: 24.DEC.2024 03:33:34

802.11ac20, High Channel(30MHz~26GHz)

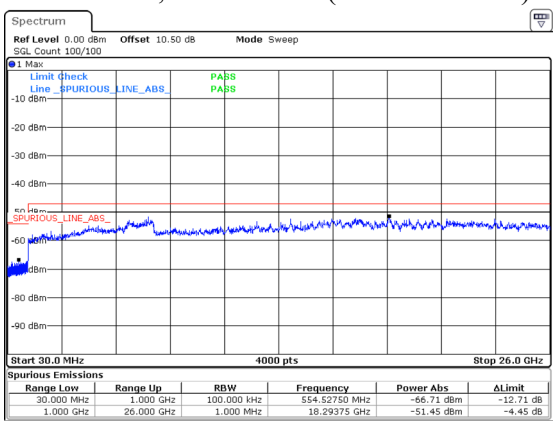


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	100.000 kHz	981.81250 MHz	-67.01 dBm	-13.01 dB
1.000 GHz	26.000 GHz	1.000 MHz	18.28125 GHz	-51.66 dBm	-4.66 dB

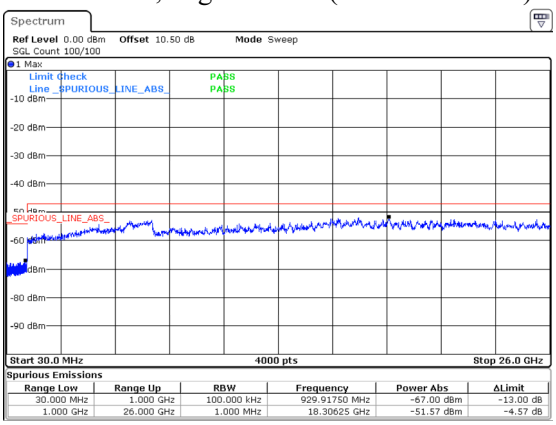
ProjectNo.:2401A109825E-RF Tester:Kungfumaster Liang
Date: 24.DEC.2024 03:34:32

802.11ac40, Low Channel(30MHz~26GHz)



ProjectNo.:2401A109825E-RF Tester:Kungfumaster Liang
Date: 24.DEC.2024 03:38:30

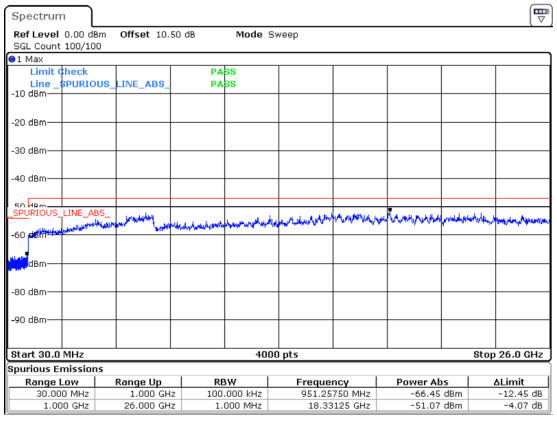
802.11ac40, High Channel(30MHz~26GHz)



ProjectNo.:2401A109825E-RF Tester:Kungfumaster Liang
Date: 24.DEC.2024 03:39:28

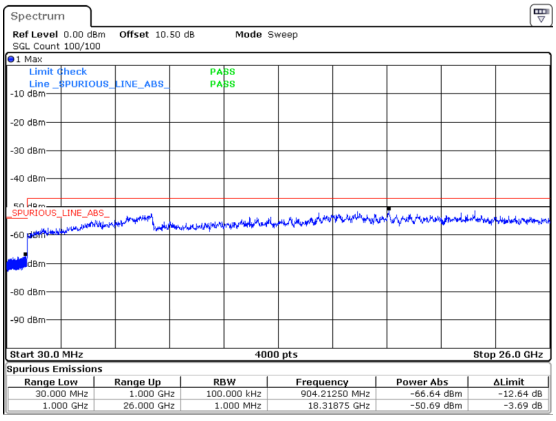
W52, Chain 1, Test Condition: NV

802.11a, Low Channel(30MHz~26GHz)



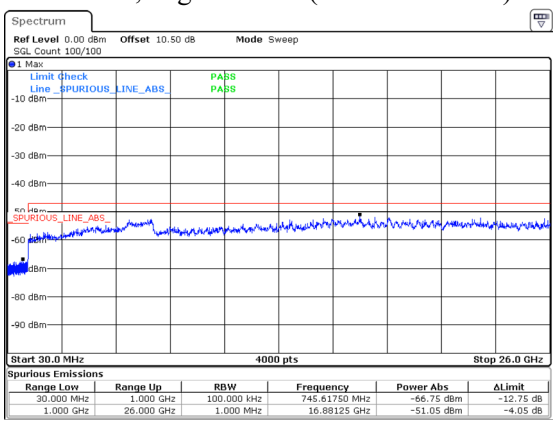
ProjectNo.:2401A109825E-RF Tester:Kungfumaster Liang
Date: 23.DEC.2024 01:53:03

802.11a, Middle Channel(30MHz~26GHz)



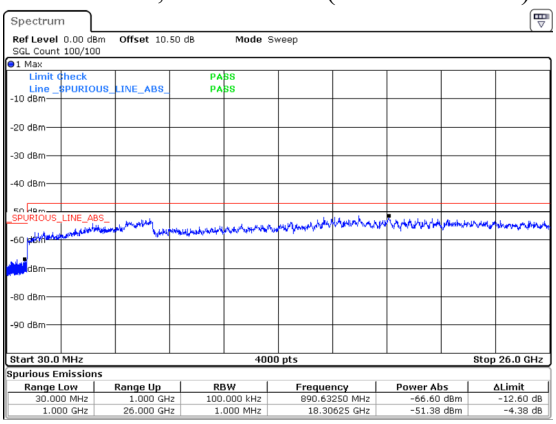
ProjectNo.:2401A109825E-RF Tester:Kungfumaster Liang
Date: 23.DEC.2024 01:54:13

802.11a, High Channel(30MHz~26GHz)



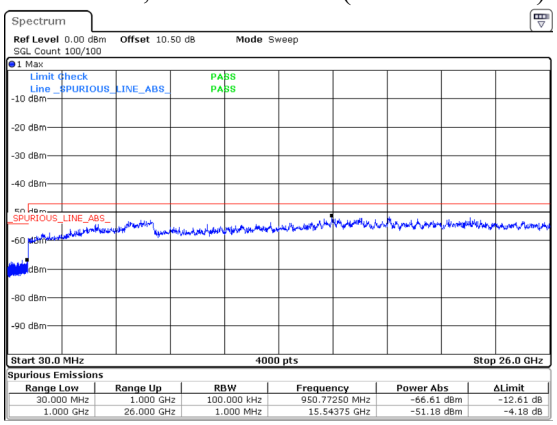
ProjectNo.:2401A109825E-RF Tester:Kungfumaster Liang
Date: 23.DEC.2024 01:55:21

802.11ac20, Low Channel(30MHz~26GHz)



ProjectNo.:2401A109825E-RF Tester:Kungfumaster Liang
Date: 24.DEC.2024 03:35:33

802.11ac20, Middle Channel(30MHz~26GHz)

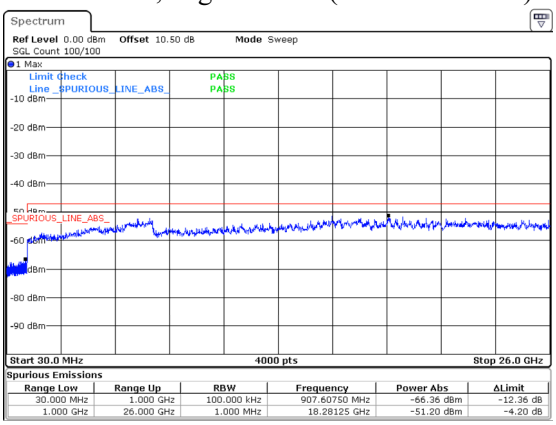


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	100.000 kHz	950.77250 MHz	-66.61 dBm	-12.61 dB
1.000 GHz	26.000 GHz	1.000 MHz	15.54375 GHz	-51.18 dBm	-4.18 dB

ProjectNo.:2401A109825E-RF Tester:Kungfumaster Liang
Date: 24.DEC.2024 03:36:33

802.11ac20, High Channel(30MHz~26GHz)

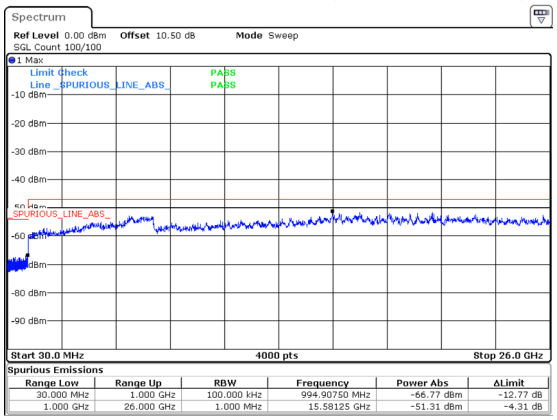


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	100.000 kHz	907.60750 MHz	-66.36 dBm	-12.36 dB
1.000 GHz	26.000 GHz	1.000 MHz	18.28125 GHz	-51.20 dBm	-4.20 dB

ProjectNo.:2401A109825E-RF Tester:Kungfumaster Liang
Date: 24.DEC.2024 03:37:29

802.11ac40, Low Channel(30MHz~26GHz)

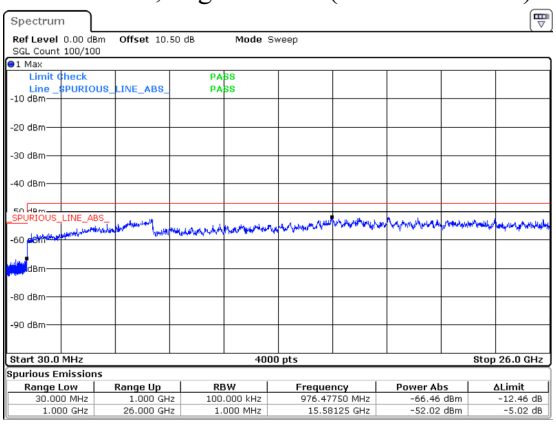


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	100.000 kHz	994.90750 MHz	-66.77 dBm	-12.77 dB
1.000 GHz	26.000 GHz	1.000 MHz	15.58125 GHz	-51.31 dBm	-4.31 dB

ProjectNo.:2401A109825E-RF Tester:Kungfumaster Liang
Date: 24.DEC.2024 03:40:27

802.11ac40, High Channel(30MHz~26GHz)



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	100.000 kHz	976.47750 MHz	-66.46 dBm	-12.46 dB
1.000 GHz	26.000 GHz	1.000 MHz	15.58125 GHz	-52.02 dBm	-5.02 dB

ProjectNo.:2401A109825E-RF Tester:Kungfumaster Liang
Date: 24.DEC.2024 03:41:24

Transmission Burst Length

Test Information:

Sample No.:	2X0Y-6	**Test Date:**	2024/12/23~2024/12/24
Test Site:	RF	**Test Mode:**	Transmitting
Tester:	Kungfumaster Liang	**Test Result:**	Pass

Environmental Conditions:

Temperature: (°C):	22.1-24.5	**Relative Humidity: (%)**	39-42	**ATM Pressure: (kPa)**	101

Test Condition: NV

W52, Chain 0

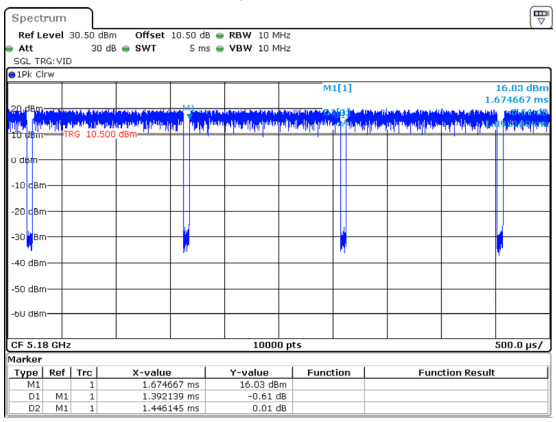
Test Mode	Test Frequency (MHz)	Transmission Burst Length (ms)	Limit(ms)	Verdict
802.11a	5180	1.392	≤ 8	Pass
	5200	1.392	≤ 8	Pass
	5240	1.392	≤ 8	Pass
802.11ac20	5180	1.312	≤ 8	Pass
	5200	1.312	≤ 8	Pass
	5240	1.312	≤ 8	Pass
802.11ac40	5190	0.652	≤ 8	Pass
	5230	0.652	≤ 8	Pass

W52, Chain 1

Test Mode	Test Frequency (MHz)	Transmission Burst Length (ms)	Limit(ms)	Verdict
802.11a	5180	1.392	≤ 8	Pass
	5200	1.392	≤ 8	Pass
	5240	1.392	≤ 8	Pass
802.11ac20	5180	1.312	≤ 8	Pass
	5200	1.312	≤ 8	Pass
	5240	1.312	≤ 8	Pass
802.11ac40	5190	0.652	≤ 8	Pass
	5230	0.652	≤ 8	Pass

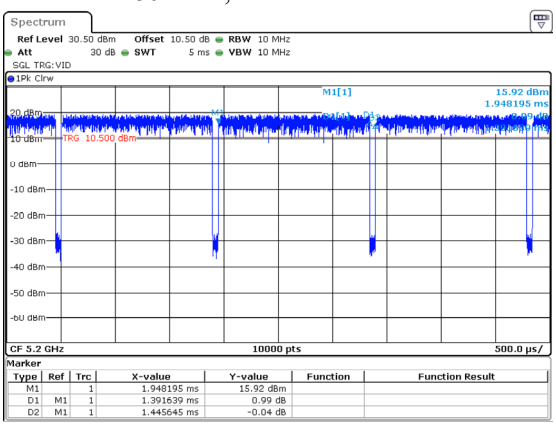
W52, Chain 0, Test Condition: NV

802.11a, Low Channel



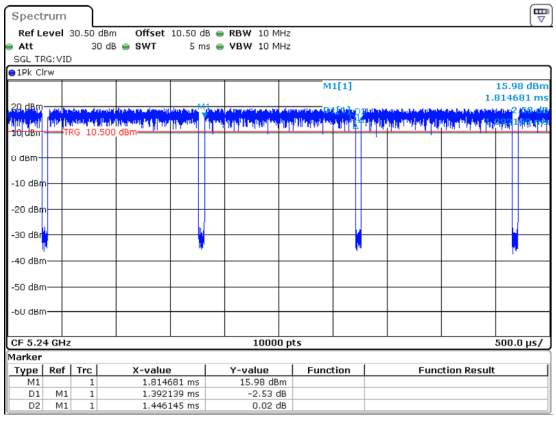
ProjectNo.:2401A109825E-RF Tester:Kungfumaster Liang
Date: 23.DEC.2024 01:02:13

802.11a, Middle Channel



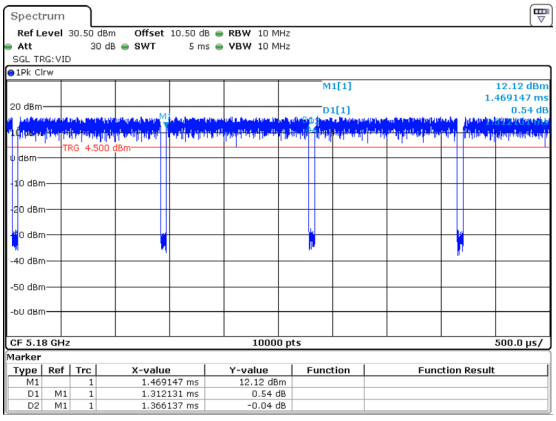
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Date: 23.DEC.2024 01:04:00

802.11a, High Channel



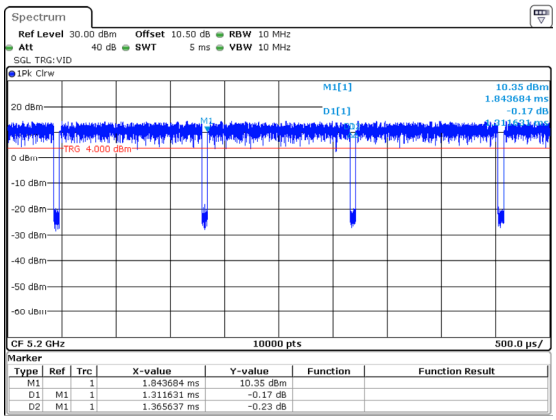
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Date: 23.DEC.2024 01:05:17

802.11ac20, Low Channel



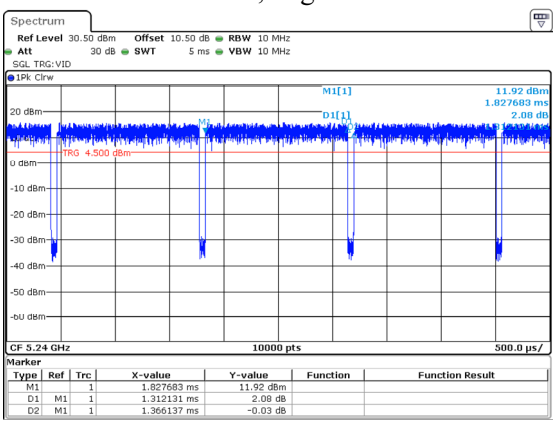
ProjectNo.:2401A109825E-RF Tester:Kungfumaster Liang
Date: 24.DEC.2024 02:23:38

802.11ac20, Middle Channel



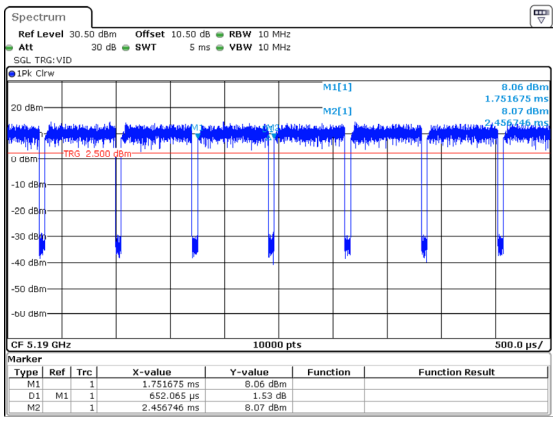
ProjectNo.:2401A109825E-RF Tester:Kungfumaster Liang
Date: 24.DEC.2024 02:24:42

802.11ac20, High Channel



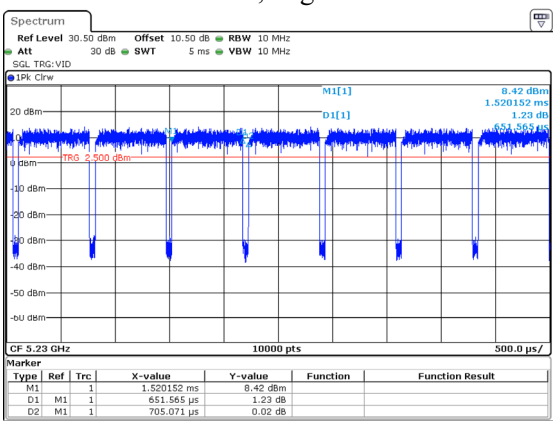
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Date: 24.DEC.2024 02:26:02

802.11ac40, Low Channel



ProjectNo.:2401A109825E-RF Tester:Kungfumaster Liang
Date: 24.DEC.2024 02:43:07

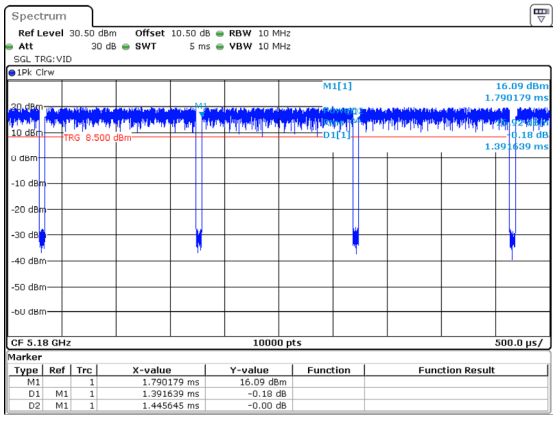
802.11ac40, High Channel



ProjectNo.:2401A109825E-RF Tester:Kungfumaster Liang
Date: 24.DEC.2024 02:51:38

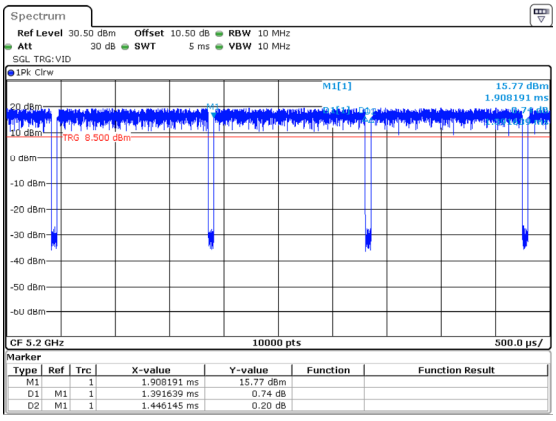
W52, Chain 1, Test Condition: NV

802.11a, Low Channel



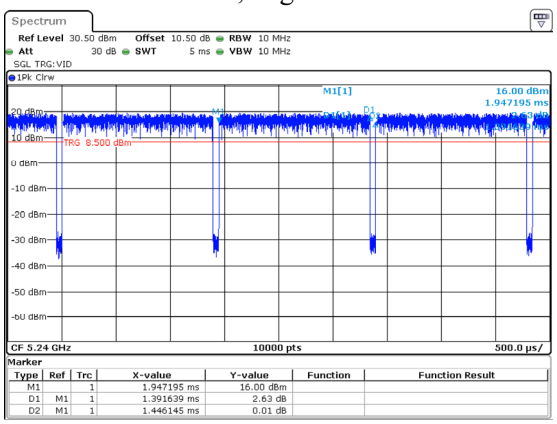
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Date: 23.DEC.2024 01:28:42

802.11a, Middle Channel



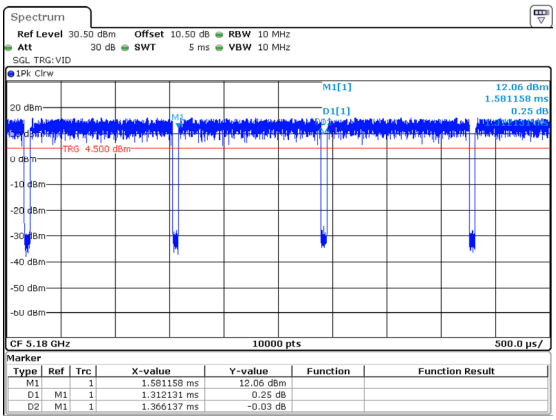
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802.11a, High Channel



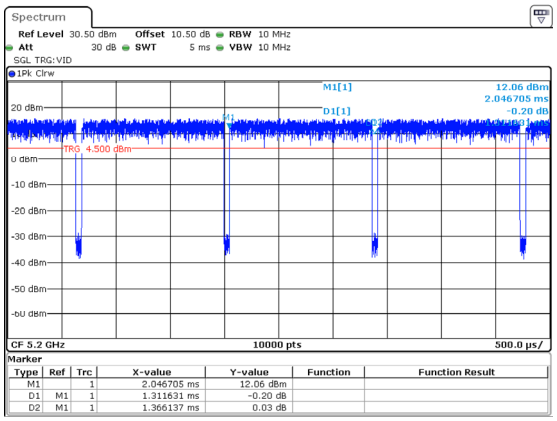
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Date: 23.DEC.2024 01:31:28

802.11ac20, Low Channel



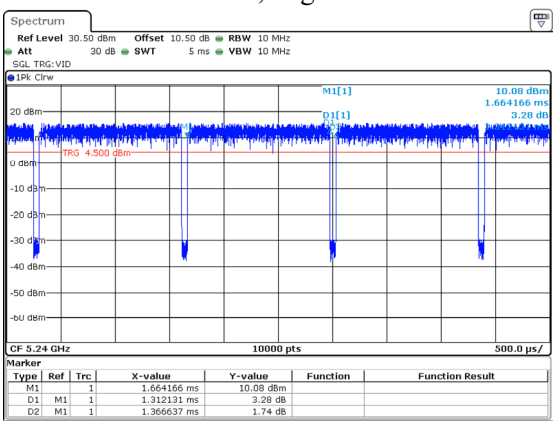
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Date: 24.DEC.2024 02:19:15

802.11ac20, Middle Channel



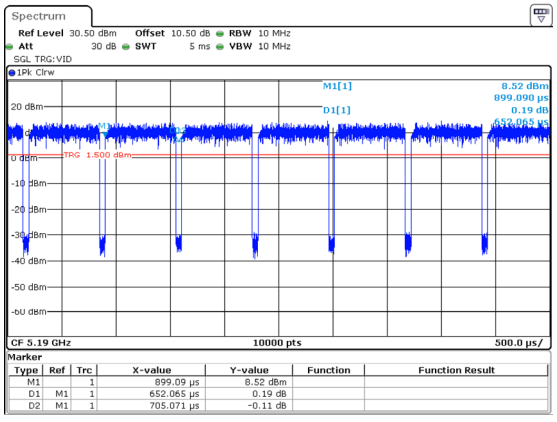
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Date: 24.DEC.2024 02:20:44

802.11ac20, High Channel



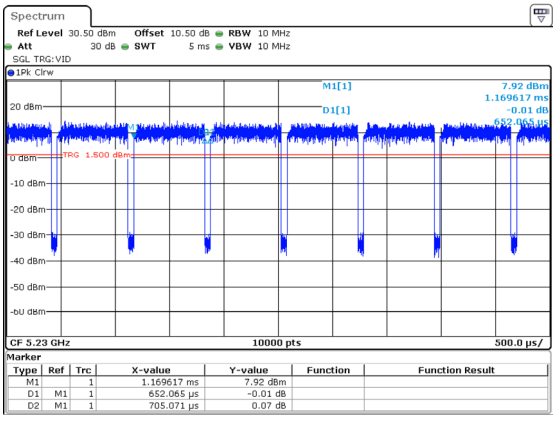
ProjectNo.:2401A109825E-RF Tester:Kungfumaster Liang
Date: 24.DEC.2024 02:22:06

802.11ac40, Low Channel



ProjectNo.:2401A109825E-RF Tester:Kungfumaster Liang
Date: 24.DEC.2024 02:58:05

802.11ac40, High Channel



ProjectNo.:2401A109825E-RF Tester:Kungfumaster Liang
Date: 24.DEC.2024 03:04:15

Radio Interference Prevention Capability

Test Information:

Sample No.:	2X0Y-6	**Test Date:**	2024/12/23~2024/12/24
Test Site:	RF	**Test Mode:**	Transmitting
Tester:	Kungfumaster Liang	**Test Result:**	Pass

Environmental Conditions:

Temperature: (°C):	22.1-24.5	**Relative Humidity: (%)**	39-42	**ATM Pressure: (kPa)**	101

Test Result: Pass

Carrier Sense Function

Test Information:

Sample No.:	2X0Y-6	**Test Date:**	2024/12/23~2024/12/24
Test Site:	RF	**Test Mode:**	Transmitting
Tester:	Kungfumaster Liang	**Test Result:**	Pass

Environmental Conditions:

Temperature: (°C):	22.1-24.5	**Relative Humidity: (%)**	39-42	**ATM Pressure: (kPa)**	101

Test Result: 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 2401A109825E-RF External photo and 2401A109825E-RF Internal photo.

TEST SETUP PHOTOGRAPHS

Please refer to the attachment 2401A109825E-RF Test Setup photo.

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