

# TEST REPORT

Applicant Name: GL Technologies ( Hong Kong ) Limited  
Address: Unit 601, Building 5W, Hong Kong Science Park, Shatin, N.T.,  
Hong Kong  
Report Number: 2501X20051E-RF-07B

## Test Standard (s)

Item 19-3 of Article 2 Paragraph 1

## Sample Description

Product Type: Remote KVM  
Model No.: GL-RM10  
Multiple Model(s) No.: N/A  
Trade Mark: GL-iNet  
Date Received: 2025/09/12  
Issue Date: 2025/11/11

Test Result:

Pass▲

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

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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               | 2501X20051E-RF-07B | Original Report         | 2025/11/11       |

## GENERAL INFORMATION

### Product Description for Equipment under Test (EUT)

|                             |                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-----------------------------|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Technical Parameters</b> | <b>Radio Type</b>               | Wi-Fi                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|                             | <b>Support Technical</b>        | 802.11a/n20/n40/ac20/ac40/ax20/ax40                                                                                                                                                                                                                                                                                                                                                                                                                |
|                             | <b>Modulation Type</b>          | OFDM, OFDMA                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|                             | <b>Frequency Range</b>          | 802.11a/n20/ac20/ax20: 5180-5240MHz, 5260-5320MHz, 5500-5720MHz<br>802.11n40/ac40/ax40: 5190-5230MHz, 5270-5310MHz, 5510-5710MHz                                                                                                                                                                                                                                                                                                                   |
|                             | <b>Rated Output Power</b>       | 5150-5250 MHz:<br>802.11a: 0.35mW/MHz<br>802.11ac20: 0.25mW/MHz<br>802.11ac40: 0.15mW/MHz<br>802.11ax20: 0.10mW/MHz<br>802.11ax40: 0.10mW/MHz<br><br>5250-5350 MHz:<br>802.11a: 0.35mW/MHz<br>802.11ac20: 0.25mW/MHz<br>802.11ac40: 0.20mW/MHz<br>802.11ax20: 0.15mW/MHz<br>802.11ax40: 0.10mW/MHz<br><br>5470-5730 MHz:<br>802.11a: 2.5mW/MHz<br>802.11ac20: 2.5mW/MHz<br>802.11ac40: 1.2mW/MHz<br>802.11ax20: 2.0mW/MHz<br>802.11ax40: 1.0mW/MHz |
|                             | <b>Antenna Gain<sup>#</sup></b> | W52:3.57dBi, W53:3.27dBi, W56:2.89dBi (It is provided by the applicant)                                                                                                                                                                                                                                                                                                                                                                            |
|                             | <b>TPC Function</b>             | Not support                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Nominal Power Supply</b> |                                 | DC 5V from adapter                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Sample serial number</b> |                                 | 3AII-1 (Assigned by BACL, Shenzhen)                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Sample/EUT Status</b>    |                                 | Good condition                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Adapter Information</b>  |                                 | Model:ICP12-050-2000B<br>Input:100-240V~50/60Hz 0.3A<br>Output:5V/2A 10W                                                                                                                                                                                                                                                                                                                                                                           |

### Objective

The objective of the manufacturer is to demonstrate compliance with Certification Ordinance Article 2-1-19-3, Radio equipment for 5G band low-power data communications system.

### Test Method

DSPP 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)   |
| Occupied Channel Bandwidth   | 109.2kHz(k=2, 95% level of confidence) |
| RF output power, conducted   | 0.86dB(k=2, 95% level of confidence)   |
| Adjacent Channel Power       | 1.32dB(k=2, 95% level of confidence)   |
| Unwanted Emission, conducted | 1.60dB(k=2, 95% level of confidence)   |
| Duty Cycle                   | ±1%                                    |
| 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.

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/ax20 mode: channel 36, 40, 48 were tested

For 802.11ac40/ax40 mode: channel 38, 46 were tested

For 5250-5350 MHz Band, 6 channels are provided to test:

| Channel | Frequency (MHz) | Channel | Frequency (MHz) |
|---------|-----------------|---------|-----------------|
| 52      | 5260            | 60      | 5300            |
| 54      | 5270            | 62      | 5310            |
| 56      | 5280            | 64      | 5320            |

For 802.11a/ac20/ax20 mode: channel 52, 56, 64 were tested;

For 802.11ac40/ax40 mode: channel 54, 62 were tested

For 5470-5730MHz Band, 18 channels are provided to test:

| Channel | Frequency (MHz) | Channel | Frequency (MHz) |
|---------|-----------------|---------|-----------------|
| 100     | 5500            | 124     | 5620            |
| 102     | 5510            | 126     | 5630            |
| 104     | 5520            | 128     | 5640            |
| 108     | 5540            | 132     | 5660            |
| 110     | 5550            | 134     | 5670            |
| 112     | 5560            | 136     | 5680            |
| 116     | 5580            | 140     | 5700            |
| 118     | 5590            | 142     | 5710            |
| 120     | 5600            | 144     | 5720            |

For 802.11a/ac20/ax20 mode: channel 100, 116, 140, 144 were tested

For 802.11ac40/ax40 mode: channel 102, 110, 134, 142 were tested

| Normal/Extreme Voltage Condition#                                                                                                                                                               |                          |                                      |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|--------------------------------------|
| NV                                                                                                                                                                                              | Normal Voltage           | 100V <sub>AC</sub>                   |
| LV                                                                                                                                                                                              | Low Voltage              | 90V <sub>AC</sub>                    |
| HV                                                                                                                                                                                              | High Voltage             | 110V <sub>AC</sub>                   |
| Note: extreme voltage test conditions were declared by manufacturer.                                                                                                                            |                          |                                      |
| The EUT work with an adapter, power deviation of the adapter output is less than 1% when extreme voltage supplied, therefore the test only performed at normal condition. Details as following: |                          |                                      |
| Voltage Condition                                                                                                                                                                               | Input (V <sub>AC</sub> ) | RF System Voltage (V <sub>DC</sub> ) |
| NV                                                                                                                                                                                              | 100                      | 5.0                                  |
| LV                                                                                                                                                                                              | 90                       | 5.0                                  |
| HV                                                                                                                                                                                              | 110                      | 5.0                                  |

### EUT Exercise Software

| Exercise Software#                                                                                                                                                                    |           | Edge Browser |          |          |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|--------------|----------|----------|
| Mode                                                                                                                                                                                  | Data rate | Power Level# |          |          |
|                                                                                                                                                                                       |           | W52 Band     | W53 Band | W56 Band |
| 802.11a                                                                                                                                                                               | 6Mbps     | 9            | 9        | 17       |
| 802.11ac20                                                                                                                                                                            | MCS0      | 8            | 8        | 17       |
| 802.11ac40                                                                                                                                                                            | MCS0      | 9            | 10       | 17       |
| 802.11ax20                                                                                                                                                                            | MCS0      | 5            | 5        | 16       |
| 802.11ax40                                                                                                                                                                            | MCS0      | 6            | 7        | 17       |
| Note:                                                                                                                                                                                 |           |              |          |          |
| 1. The worst-case data rates are determined to be as follows for each mode based upon investigation by measuring the power and PSD across all data rates bandwidths, and modulations. |           |              |          |          |
| 2. The n20/n40 mode was reduced test as identical parameter with ac20/ac40 mode.                                                                                                      |           |              |          |          |
| 3. For 802.11 ax modes, the device not support partial RU mode.                                                                                                                       |           |              |          |          |

### Equipment Modifications

No modification was made to the EUT tested.

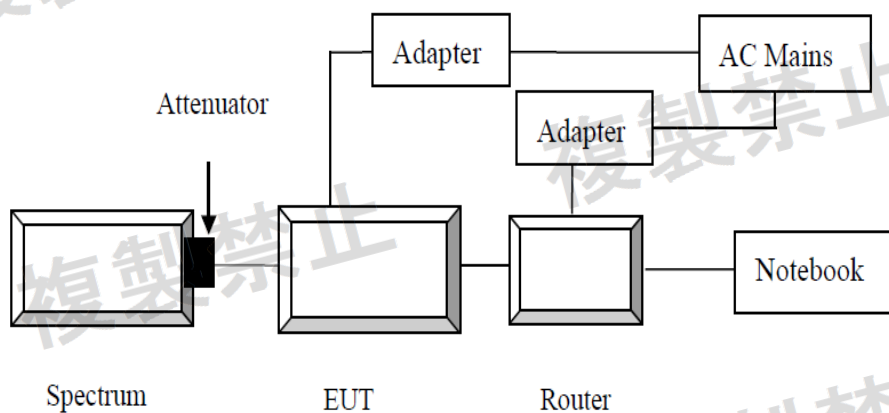
### Support Equipment List and Details

| Manufacturer | Description | Model            | Serial Number |
|--------------|-------------|------------------|---------------|
| DELL         | Notebook    | Latitude E6410   | 11429208685   |
| TP-Link      | Router      | EAP225           | Ms116P        |
| TP-Link      | Adapter     | A318-050040W-US1 | Unknown       |

### External I/O Cable

| Cable Description                  | Length(m) | From/Port | To       |
|------------------------------------|-----------|-----------|----------|
| Unshielded Detachable USB Cable    | 1.0       | Adapter   | EUT      |
| Unshielded Un-detachable DC Cable  | 1.5       | Router    | Adapter  |
| Un-shielding Detachable RJ45 Cable | 1.5       | Router    | EUT      |
| Un-shielding Detachable RJ45 Cable | 1.5       | Router    | Notebook |

## Configuration of Test Setup



**SUMMARY OF TEST RESULTS**

| <b>DSPR 5GHz 帯小電力データ通信システムの特性試験方法<br/>Article 2, Paragraph 1, Item 19-3</b> | <b>Description Of Test</b>                                        | <b>Result</b>  |
|-----------------------------------------------------------------------------|-------------------------------------------------------------------|----------------|
| <b>1</b>                                                                    | Frequency Tolerance                                               | Compliant      |
| <b>2</b>                                                                    | Occupied Bandwidth                                                | Compliant      |
| <b>3</b>                                                                    | Transmitter Spurious Emission Strength and out-Band Leakage Power | Compliant      |
| <b>4</b>                                                                    | Output Power and Output Power Tolerance                           | Compliant      |
| <b>5</b>                                                                    | Adjacent Channel Power                                            | Compliant      |
| <b>6</b>                                                                    | Secondary Radiated Emission Strength                              | Compliant      |
| <b>7</b>                                                                    | Radio Interference Prevention Capability                          | Compliant      |
| <b>8</b>                                                                    | Transmission Burst Length                                         | Compliant      |
| <b>9</b>                                                                    | Carrier Sense Function                                            | Compliant      |
| <b>10</b>                                                                   | Transmission Power Control Function (TPC)                         | Not Applicable |
| <b>11</b>                                                                   | DFS Function                                                      | Compliant*     |
| <b>12</b>                                                                   | Construction Protection Confirmation                              | Compliant      |

Not Applicable: the EUT has no TPC function which was declared by the applicant.

Compliant\*: Please refer to the DFS report 2501X20051E-RF-07C.

## TEST EQUIPMENT LIST

| Manufacturer  | Description                         | Model      | Serial Number | Calibration Date | Calibration Due Date | Calibration Authority | Calibration Method |
|---------------|-------------------------------------|------------|---------------|------------------|----------------------|-----------------------|--------------------|
| R&S           | Spectrum Analyzer                   | FSV40      | 101942        | 2025/09/01       | 2026/08/31           | CCIC                  | c)                 |
| Keysight      | MXG Vector Signal Generator         | N5182B     | MY53051503    | 2025/09/18       | 2026/09/17           | CCIC                  | c)                 |
| Rohde&Schwarz | Wideband Radio Communication Tester | CMW500     | 141718        | 2025/07/18       | 2026/07/17           | BACL Cal              | c)                 |
| Fluke         | Digital Multimeter                  | 287        | 19000011      | 2025/04/29       | 2026/04/28           | BACL Cal              | c)                 |
| HELLVIAO      | Contact voltage regulator           | TDGC2-5KVA | Unknown       | NCR              | NCR                  | /                     | /                  |
| Unknown       | 10dB Attenuator                     | Unknown    | F-03-EM190    | 2025/06/26       | 2026/06/25           | BACL                  | d)                 |
| HP            | Power Splitter                      | 11667A     | 1610A         | 2025/06/26       | 2026/06/25           | BACL                  | d)                 |
| Unknown       | RF Cable                            | Cable RF1  | Cable RF1     | 2025/09/17       | 2026/09/16           | BACL Cal              | c)                 |

### Note: Calibration Method

a) Calibration conducted by the National Institute of Information and Communications Technology (NICT) or a designated calibration agency under Article 102-18 paragraph (1)

b) Correction conducted pursuant to the provisions of Article 135 or Article 144 of the Measurement Law (Law No. 51 of 1992) ~Japan Calibration Service System~

c) Calibration conducted in foreign countries, which shall be equivalent to the calibration conducted by the NICT or a designated calibration agency under Article 102-18 paragraph (1)

d) Calibration conducted by using other equipment that listed above from a) to c)

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

## REQUIREMENTS AND TEST PROCEDURES

### Frequency Tolerance

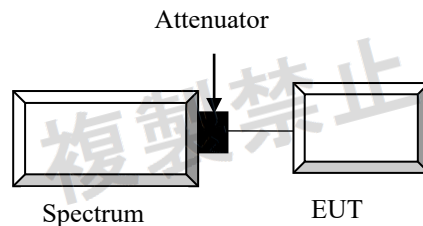
#### Limit

| Item                | Limits             |
|---------------------|--------------------|
| Frequency Tolerance | $\pm 20\text{ppm}$ |

#### Test Procedure

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

- Center Frequency: Frequency to measure
- RBW: 1 kHz, VBW: 3 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



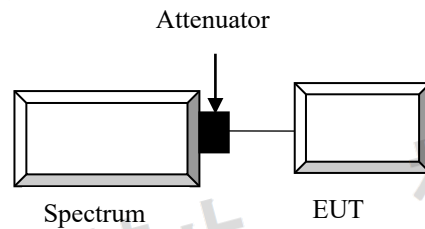
## Occupied Bandwidth

### Limit

| Item                | Limits                                     |
|---------------------|--------------------------------------------|
| Occupied Bandwidth: | $\leq 18\text{MHz}$ (20MHz Mode DSSS,etc.) |
|                     | $\leq 20\text{MHz}$ (20MHz Mode OFDM)      |
|                     | $\leq 40\text{MHz}$ (40MHz Mode OFDM)      |
|                     | $\leq 80\text{MHz}$ (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 $\mu$ W/MHz                     | 5,142 MHz or less : 2.5 $\mu$ W/MHz                     | 5,141.6 MHz or less : 2.5 $\mu$ W/MHz                             | 5,123.2 MHz or less : 2.5 $\mu$ W/MHz                              |
| 5,142 ~ 5,150 MHz : 15 $\mu$ W/MHz                      | 5,142 ~ 5,150 MHz : 15 $\mu$ W/MHz                      | 5,141.6 ~ 5,150 MHz : 15 $\mu$ W/MHz                              | 5,123.2 ~ 5,150 MHz : 15 $\mu$ W/MHz                               |
| 5,250 ~ 5,250.2 MHz : $10^{1-(8/3)(f-5250)}$ mW/MHz     | 5,250 ~ 5,250.2 MHz : $10^{1-(8/3)(f-5250)}$ mW/MHz     |                                                                   |                                                                    |
| 5,250 ~ 5,251 MHz : $10^{1-(f-5250)}$ mW/MHz            | 5,250 ~ 5,251 MHz : $10^{1-(f-5250)}$ mW/MHz            | 5,250 ~ 5,251 MHz : $10^{-(f-5250)+\log(1/2)}$ mW/MHz             | 5,250 ~ 5,251 MHz : $10^{-(f-5250)+\log(1/4)}$ mW/MHz              |
| 5,251 ~ 5,260 MHz : $10^{-1-(8/90)(f-5251)}$ mW/MHz     | 5,251 ~ 5,260 MHz : $10^{-1-(8/90)(f-5251)}$ mW/MHz     | 5,251 ~ 5,270 MHz : $10^{-(8/190)(f-5251)-1+\log(1/2)}$ mW/MHz    | 5,251 ~ 5,290 MHz : $10^{-(8/190)(f-5251)-1+\log(1/4)}$ mW/MHz     |
| 5,260 ~ 5,266.7 MHz : $10^{-1.8-(6/50)(f-5260)}$ mW/MHz | 5,260 ~ 5,266.7 MHz : $10^{-1.8-(6/50)(f-5260)}$ mW/MHz | 5,270 ~ 5,278.4 MHz : $10^{-(3/50)(f-5270)-1.8+\log(1/2)}$ mW/MHz | 5,290 ~ 5,296.7 MHz : $10^{-(3/100)(f-5290)-1.8+\log(1/4)}$ mW/MHz |
| 5,266.7 MHz or more : 2.5 $\mu$ W/MHz                   | 5,266.7 MHz or more : 2.5 $\mu$ W/MHz                   | 5,278.4 MHz or more : 2.5 $\mu$ W/MHz                             | 5,296.7 MHz or more : 2.5 $\mu$ W/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)                                |

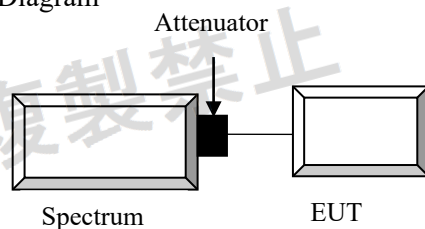
| W53                                                     |                                                         |                                                                   |                                                                    |
|---------------------------------------------------------|---------------------------------------------------------|-------------------------------------------------------------------|--------------------------------------------------------------------|
| 20MHz system                                            |                                                         | 40MHz system                                                      | 80MHz system                                                       |
| OBW : 18MHz or less                                     | OBW : 18 ~ 20 MHz                                       |                                                                   |                                                                    |
| 5,233.3 MHz or less : 2.5 $\mu$ W/MHz                   | 5,233.3 MHz or less : 2.5 $\mu$ W/MHz                   | 5,221.6 MHz or less : 2.5 $\mu$ W/MHz                             | 5,203.3 MHz or less : 2.5 $\mu$ W/MHz                              |
| 5,233.3 ~ 5,240 MHz : $10^{-1.8-(6/50)(f-5233)}$ mW/MHz | 5,233.3 ~ 5,240 MHz : $10^{-1.8-(6/50)(f-5233)}$ mW/MHz | 5,221.6 ~ 5,230 MHz : $10^{-(3/50)(f-5220)-1.8+\log(1/2)}$ mW/MHz | 5,203.3 ~ 5,210 MHz : $10^{-(3/100)(f-5200)-1.8+\log(1/4)}$ mW/MHz |
| 5,240 ~ 5,249 MHz : $10^{-1-(8/90)(f-5240)}$ mW/MHz     | 5,240 ~ 5,249 MHz : $10^{-1-(8/90)(f-5240)}$ mW/MHz     | 5,230 ~ 5,249 MHz : $10^{-(8/190)(f-5230)-1+\log(1/2)}$ mW/MHz    | 5,210 ~ 5,249 MHz : $10^{-(8/190)(f-5210)-1+\log(1/4)}$ mW/MHz     |
| 5,249 ~ 5,250 MHz : $10^{1-(f-5249)}$ mW/MHz            | 5,249 ~ 5,250 MHz : $10^{1-(f-5249)}$ mW/MHz            | 5,249 ~ 5,250 MHz : $10^{-(f-5249)+\log(1/2)}$ mW/MHz             | 5,249 ~ 5,250 MHz : $10^{-(f-5249)+\log(1/4)}$ mW/MHz              |
| 5,350 MHz or more : 2.5 $\mu$ W/MHz                     | 5,350 MHz or more : 2.5 $\mu$ W/MHz                     | 5,350 ~ 5,358.4 MHz : 15 $\mu$ W/MHz                              | 5,350 ~ 5,376.8 MHz : 15 $\mu$ W/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 $\mu$ W/MHz | 5,460 MHz or less : 2.5 $\mu$ W/MHz  | 5,460 MHz or less : 12.5 $\mu$ W/MHz | 5,460 MHz or less : 12.5 $\mu$ W/MHz   |
|                                      | 5,460 ~ 5,470 MHz : 12.5 $\mu$ W/MHz | 5,460 ~ 5,470 MHz : 50 $\mu$ W/MHz   | 5,460 ~ 5,469.5 MHz : 50 $\mu$ W/MHz   |
|                                      | 5,745 ~ 5,765 MHz : 12.5 $\mu$ W/MHz |                                      | 5,469.5 ~ 5,470 MHz : 51.2 $\mu$ W/MHz |
| 5,730 MHz or more : 12.5 $\mu$ W/MHz | Over 5,765 MHz : 2.5 $\mu$ W/MHz     | 5,770 MHz or more : 12.5 $\mu$ W/MHz | 5,770 MHz or more : 12.5 $\mu$ W/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 | $\leq +20\%$ , $-80\%$ |         |           |

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<br>(with TPC function)   | 5mW/MHz<br>(with TPC function)      | 2.5mW/MHz<br>(with TPC function)     |
|                         | 5mW/MHz<br>(without TPC function) | 2.5mW/MHz<br>(without TPC function) | 1.25mW/MHz<br>(without TPC function) |
| Antenna Power Tolerance | $\leq +20\%$ , $-80\%$            |                                     |                                      |

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<br>(with TPC function)    | 25mW/MHz<br>(with TPC function)      | 12.5mW/MHz<br>(with TPC function)    |
|                         | 25mW/MHz<br>(without TPC function) | 12.5mW/MHz<br>(without TPC function) | 6.25mW/MHz<br>(without TPC function) |
| Antenna Power Tolerance | $\leq +50\%$ , $-50\%$             |                                      |                                      |

### 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.

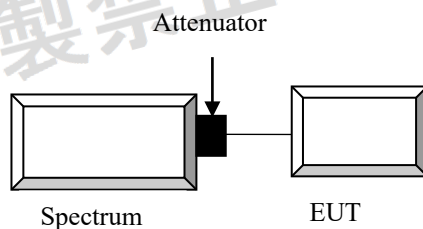
**Step 4:**

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

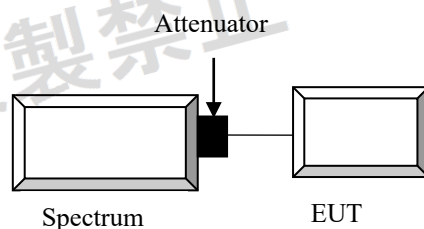
### Limit

| Bandwidth System | Occupied Bandwidth  | Sweep Bandwidth   | Adjacent Channel                | Limits |
|------------------|---------------------|-------------------|---------------------------------|--------|
| 20MHz System     | OBW < 18MHz         | 18MHz<br>(±9MHz)  | Adjacent Channel: ±20MHz        | ≥25dB  |
|                  |                     |                   | Second Adjacent Channel: ±40MHz | ≥40dB  |
|                  | 18MHz < OBW < 20MHz | 20MHz<br>(±10MHz) | Adjacent Channel: ±20MHz        | ≥25dB  |
|                  |                     |                   | Second Adjacent Channel: ±40MHz | ≥40dB  |
| 40MHz System     | 20MHz < OBW < 40MHz | 40MHz<br>(±20MHz) | Adjacent Channel: ±40MHz        | ≥25dB  |
|                  |                     |                   | Second Adjacent Channel: ±80MHz | ≥40dB  |
| 80MHz System     | 40MHz < OBW < 80MHz | 80MHz<br>(±40MHz) | Adjacent Channel: ±80MHz        | ≥25dB  |

### 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: Sweep bandwidth corresponding to the tested signal, Center Frequency: The center frequency of testing for EUT, adjacent channel and second adjacent Channel as "Adjacent Channel" above. Then SA automatically calculate the channel power of EUT and adjacent channel power

### Test Setup Block diagram



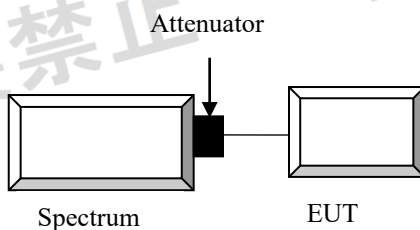
## Receiver Secondary Radiated Emission Strength

### 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

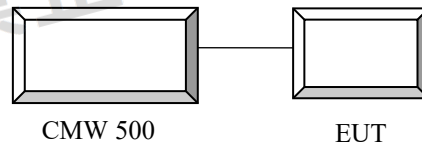
## Radio Interference Prevention Capability

### 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.

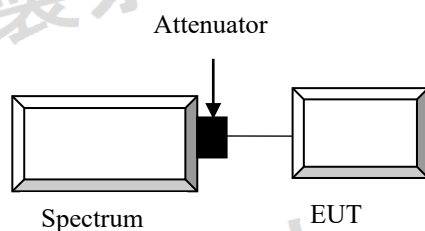
## Transmission Burst Length

### Limit

| Item                      | Limit       |
|---------------------------|-------------|
| Transmission Burst Length | $\leq 8$ 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.

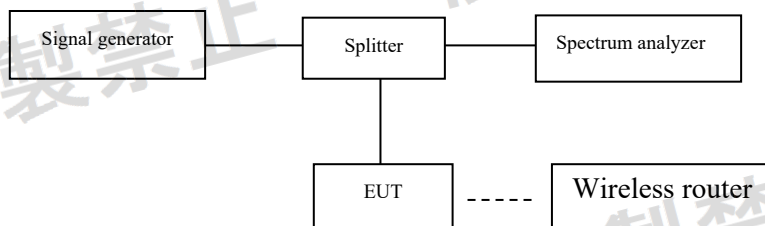
## Carrier Sensing Function

### 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 and power level is

$$P_{cs} = \frac{G \lambda^2}{480 \pi^2} \times E^2$$

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 Error

#### Test Information:

|             |                    |              |              |
|-------------|--------------------|--------------|--------------|
| Sample No.: | 3A1I-1             | Test Date:   | 2025/10/01   |
| Test Site:  | RF                 | Test Mode:   | Transmitting |
| Tester:     | Kungfumaster Liang | Test Result: | Pass         |

#### Environmental Conditions:

|                      |           |                              |       |                        |             |
|----------------------|-----------|------------------------------|-------|------------------------|-------------|
| Temperature:<br>(°C) | 24.8-25.6 | Relative<br>Humidity:<br>(%) | 50-54 | ATM Pressure:<br>(kPa) | 101.1-101.4 |
|----------------------|-----------|------------------------------|-------|------------------------|-------------|

#### Test Condition: NV

##### 5.2G

| Mode           | Frequency<br>(MHz) | Measure<br>Frequency<br>(MHz) | Frequency<br>Tolerance<br>(ppm) | Limit<br>(ppm) | Verdict |
|----------------|--------------------|-------------------------------|---------------------------------|----------------|---------|
| Single Carrier | 5180               | 5179.97675                    | -4.49                           | ± 20           | Pass    |
|                | 5190               | 5189.97615                    | -4.60                           | ± 20           | Pass    |
|                | 5200               | 5199.97675                    | -4.47                           | ± 20           | Pass    |
|                | 5230               | 5229.97555                    | -4.67                           | ± 20           | Pass    |
|                | 5240               | 5239.97615                    | -4.55                           | ± 20           | Pass    |

##### 5.3G

| Mode           | Frequency<br>(MHz) | Measure<br>Frequency<br>(MHz) | Frequency<br>Tolerance<br>(ppm) | Limit<br>(ppm) | Verdict |
|----------------|--------------------|-------------------------------|---------------------------------|----------------|---------|
| Single Carrier | 5260               | 5259.97525                    | -4.71                           | ± 20           | Pass    |
|                | 5270               | 5269.97465                    | -4.81                           | ± 20           | Pass    |
|                | 5280               | 5279.97525                    | -4.69                           | ± 20           | Pass    |
|                | 5310               | 5309.97465                    | -4.77                           | ± 20           | Pass    |
|                | 5320               | 5319.97465                    | -4.77                           | ± 20           | Pass    |

## 5.6G

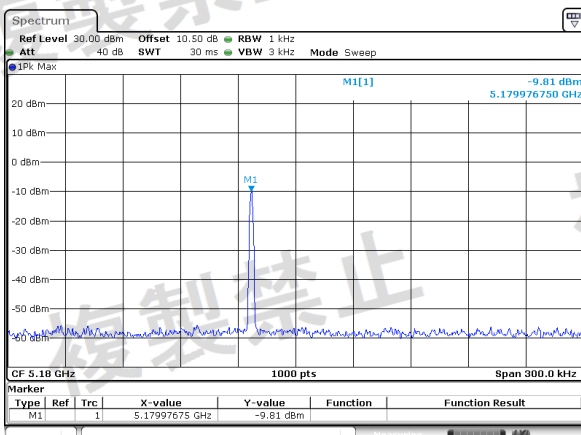
| Mode           | Frequency (MHz) | Measure Frequency (MHz) | Frequency Tolerance (ppm) | Limit (ppm) | Verdict |
|----------------|-----------------|-------------------------|---------------------------|-------------|---------|
| Single Carrier | 5500            | 5499.97345              | -4.83                     | ± 20        | Pass    |
|                | 5510            | 5509.97345              | -4.82                     | ± 20        | Pass    |
|                | 5590            | 5589.97315              | -4.80                     | ± 20        | Pass    |
|                | 5600            | 5599.97315              | -4.79                     | ± 20        | Pass    |
|                | 5710            | 5709.97255              | -4.81                     | ± 20        | Pass    |
|                | 5720            | 5719.97225              | -4.85                     | ± 20        | Pass    |

Note:

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

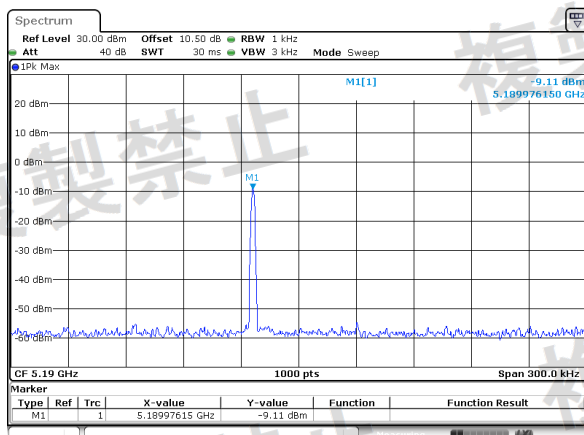
## W52, Test Condition: NV

5180MHz



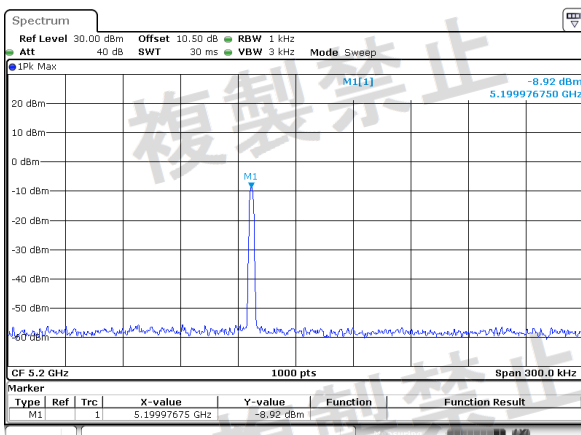
ProjectNo.:2501X20051E-RF Tester:Kungfumaster Liang  
Date: 1.OCT.2025 00:26:11

5190MHz



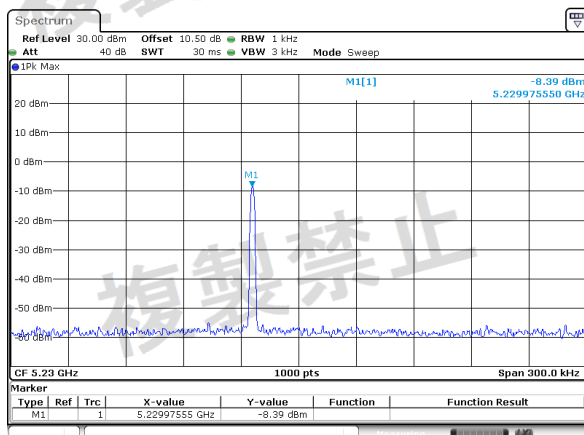
ProjectNo.:2501X20051E-RF Tester:Kungfumaster Liang  
Date: 1.OCT.2025 00:29:29

5200MHz



ProjectNo.:2501X20051E-RF Tester:Kungfumaster Liang  
Date: 1.OCT.2025 00:27:32

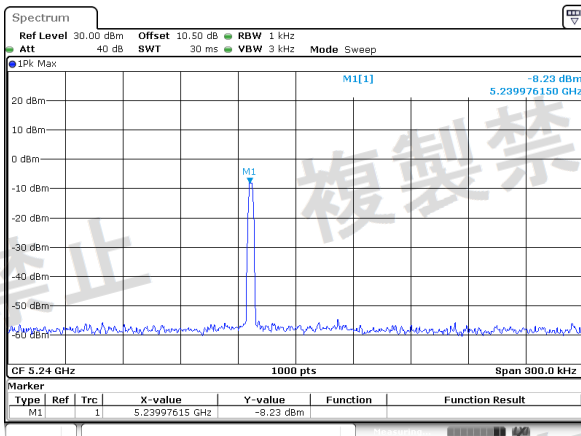
5230MHz



ProjectNo.:2501X20051E-RF Tester:Kungfumaster Liang  
Date: 1.OCT.2025 00:30:05

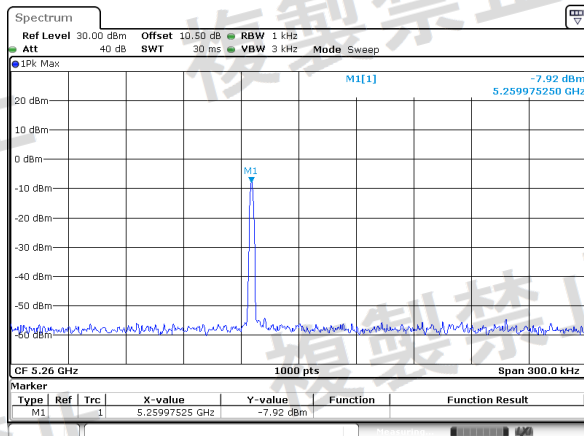
## W53, Test Condition: NV

5240MHz



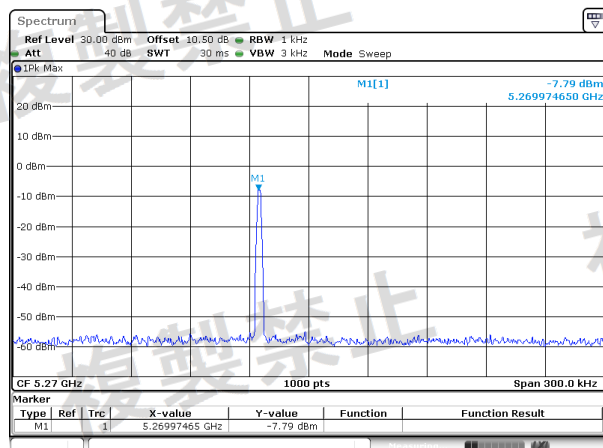
ProjectNo.:2501X20051E-RF Tester:Kungfumaster Liang  
Date: 1.OCT.2025 00:28:32

5260MHz



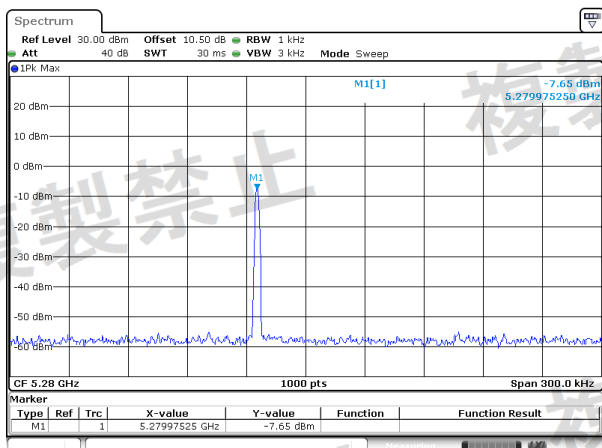
ProjectNo.:2501X20051E-RF Tester:Kungfumaster Liang  
Date: 1.OCT.2025 00:31:11

5270MHz



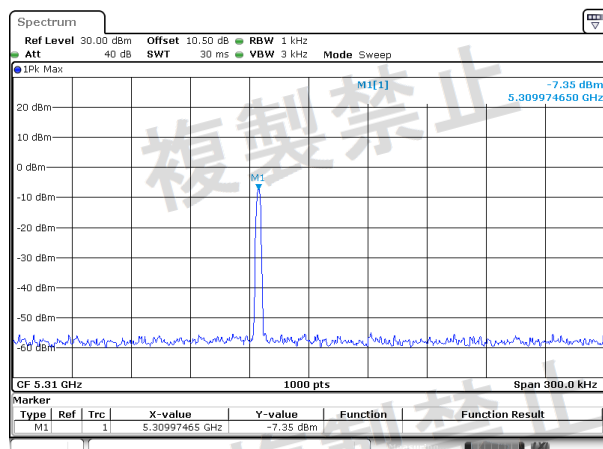
ProjectNo.:2501X20051E-RF Tester:Kungfumaster Liang  
Date: 1.OCT.2025 00:33:02

5280MHz



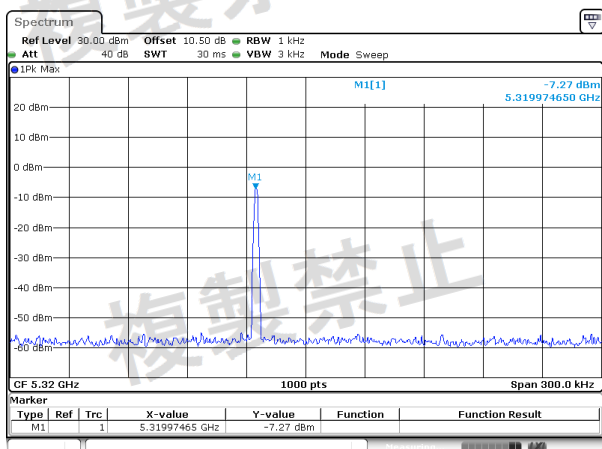
ProjectNo.:2501X20051E-RF Tester:Kungfumaster Liang  
Date: 1.OCT.2025 00:31:46

5310MHz



ProjectNo.:2501X20051E-RF Tester:Kungfumaster Liang  
Date: 1.OCT.2025 00:33:33

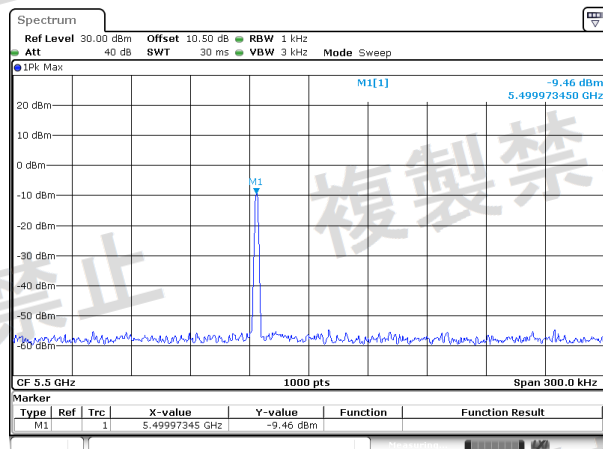
5320MHz



ProjectNo.:2501X20051E-RF Tester:Kungfumaster Liang  
Date: 1.OCT.2025 00:32:24

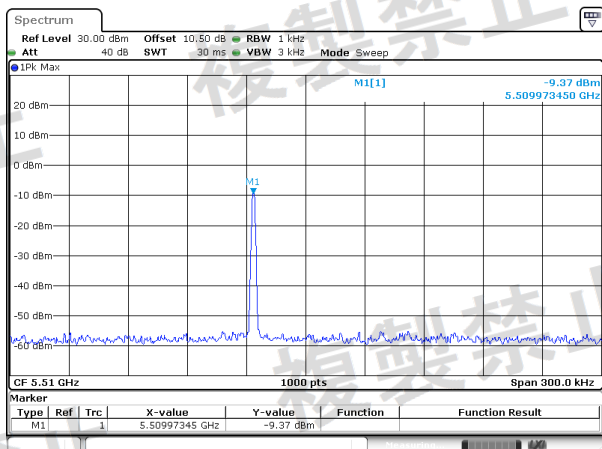
W56, Test Condition: NV

5500MHz



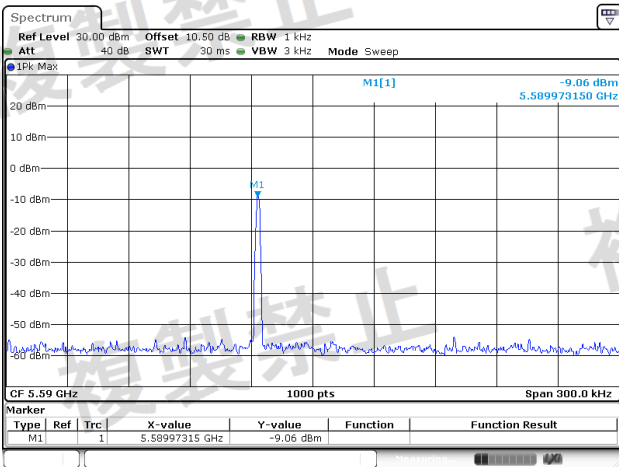
ProjectNo.:2501X20051E-RF Tester:Kungfumaster Liang  
Date: 1.OCT.2025 00:35:05

5510MHz

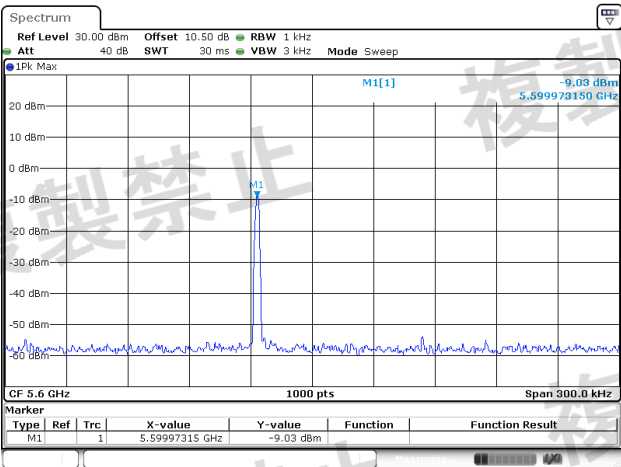


ProjectNo.:2501X20051E-RF Tester:Kungfumaster Liang  
Date: 1.OCT.2025 00:37:10

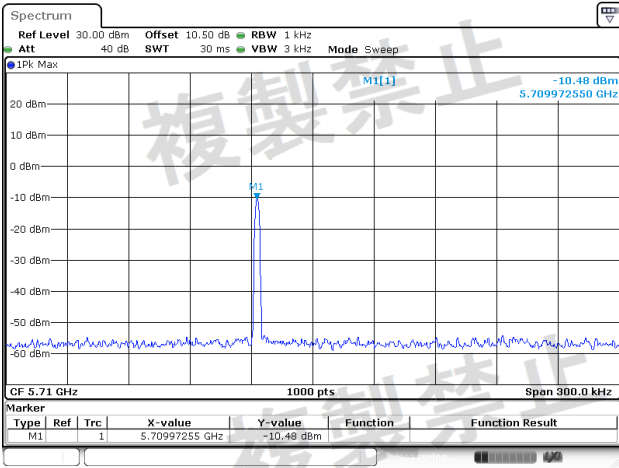
5590MHz



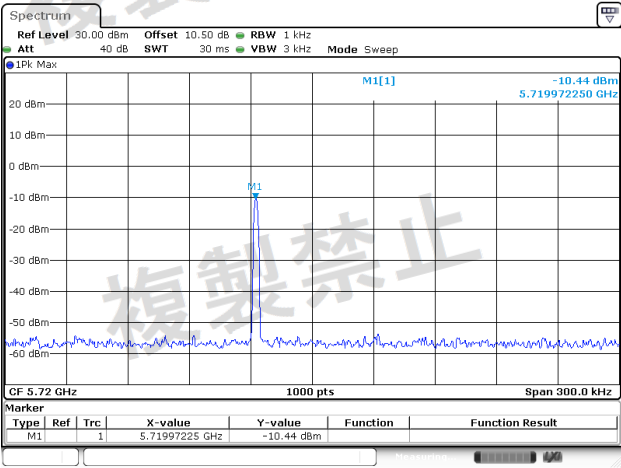
5600MHz



5710MHz



5720MHz



**Occupied Bandwidth****Test Information:**

|                    |                    |                     |                       |
|--------------------|--------------------|---------------------|-----------------------|
| <b>Sample No.:</b> | 3A1I-1             | <b>Test Date:</b>   | 2025/09/29~2025/09/30 |
| <b>Test Site:</b>  | RF                 | <b>Test Mode:</b>   | Transmitting          |
| <b>Tester:</b>     | Kungfumaster Liang | <b>Test Result:</b> | Pass                  |

**Environmental Conditions:**

|                             |           |                                  |       |                               |             |
|-----------------------------|-----------|----------------------------------|-------|-------------------------------|-------------|
| <b>Temperature:</b><br>(°C) | 24.8-25.6 | <b>Relative Humidity:</b><br>(%) | 50-54 | <b>ATM Pressure:</b><br>(kPa) | 101.1-101.4 |
|-----------------------------|-----------|----------------------------------|-------|-------------------------------|-------------|

**Test Condition: NV****5.2G**

| Mode       | Result(MHz) |                |              | Limit(MHz) | Verdict |
|------------|-------------|----------------|--------------|------------|---------|
|            | Low Channel | Middle Channel | High Channel |            |         |
| 802.11a    | 16.96       | 17.00          | 17.02        | ≤ 20       | Pass    |
| 802.11ac20 | 18.20       | 18.24          | 18.20        | ≤ 20       | Pass    |
| 802.11ac40 | 36.35       | /              | 36.32        | ≤ 40       | Pass    |
| 802.11ax20 | 19.28       | 19.28          | 19.28        | ≤ 20       | Pass    |
| 802.11ax40 | 37.84       | /              | 37.92        | ≤ 40       | Pass    |

**5.3G**

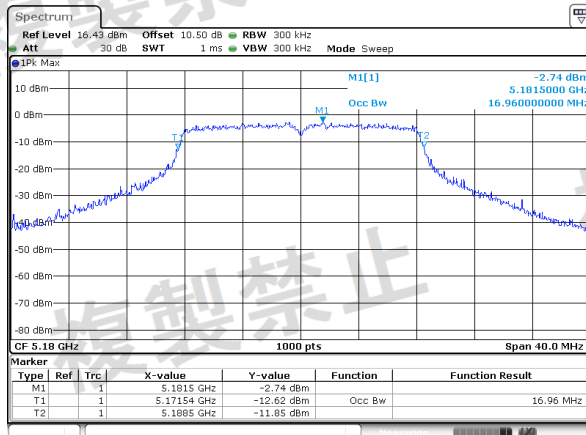
| Mode       | Result(MHz) |                |              | Limit(MHz) | Verdict |
|------------|-------------|----------------|--------------|------------|---------|
|            | Low Channel | Middle Channel | High Channel |            |         |
| 802.11a    | 17.00       | 16.96          | 17.02        | ≤ 20       | Pass    |
| 802.11ac20 | 18.24       | 18.24          | 18.23        | ≤ 20       | Pass    |
| 802.11ac40 | 36.32       | /              | 36.32        | ≤ 40       | Pass    |
| 802.11ax20 | 19.28       | 19.28          | 19.28        | ≤ 20       | Pass    |
| 802.11ax40 | 37.92       | /              | 37.84        | ≤ 40       | Pass    |

**5.6G**

| Mode       | Result(MHz) |                |              | Limit(MHz) | Verdict |
|------------|-------------|----------------|--------------|------------|---------|
|            | Low Channel | Middle Channel | High Channel |            |         |
| 802.11a    | 17.32       | 17.32          | 17.20        | ≤ 20       | Pass    |
| 802.11ac20 | 18.48       | 18.52          | 18.44        | ≤ 20       | Pass    |
| 802.11ac40 | 36.48       | 36.56          | 36.48        | ≤ 40       | Pass    |
| 802.11ax20 | 19.39       | 19.45          | 19.40        | ≤ 20       | Pass    |
| 802.11ax40 | 38.21       | 38.16          | 38.00        | ≤ 40       | Pass    |

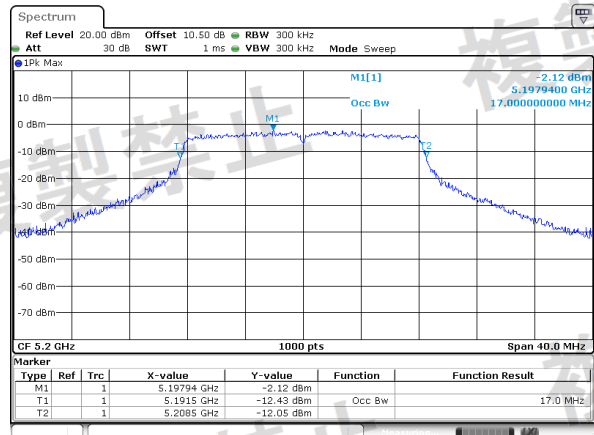
## W52, Test Condition: NV

## 802.11a, Low Channel



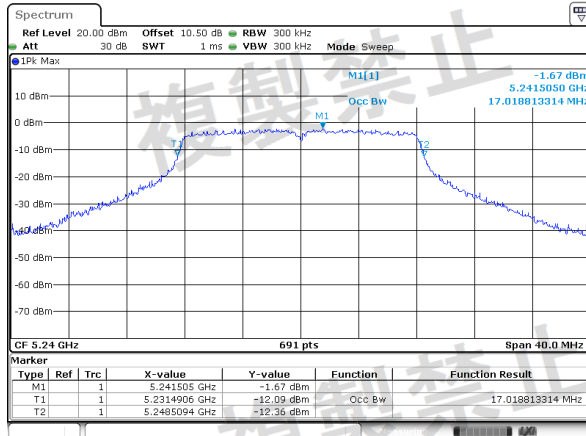
ProjectNo.:2501X20051E-RF Tester:Kungfumaester Liang  
Date: 29.SEP.2025 21:44:04

## 802.11a, Middle Channel



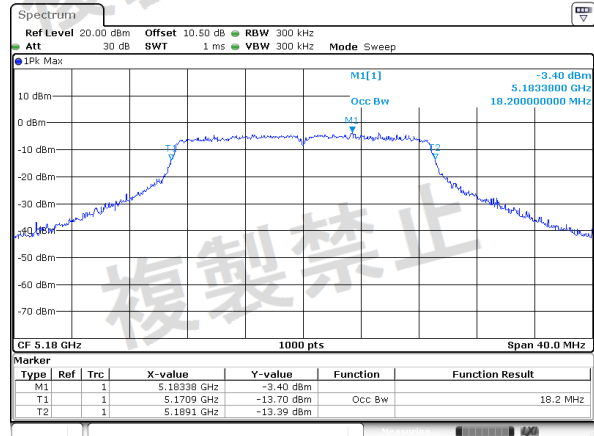
ProjectNo.:2501X20051E-RF Tester:Kungfumaester Liang  
Date: 29.SEP.2025 22:00:24

## 802.11a, High Channel



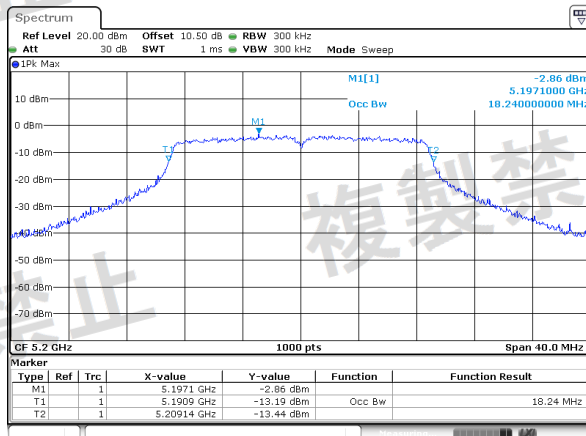
ProjectNo.:2501X20051E-RF Tester:Kungfumaester Liang  
Date: 29.SEP.2025 22:11:27

## 802.11ac20, Low Channel



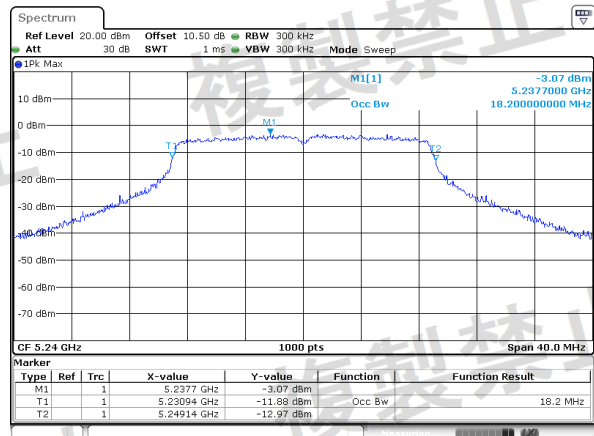
ProjectNo.:2501X20051E-RF Tester:Kungfumaester Liang  
Date: 29.SEP.2025 22:36:50

## 802.11ac20, Middle Channel



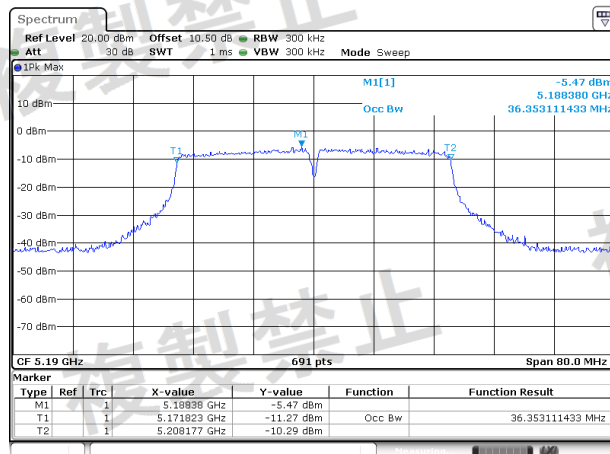
ProjectNo.:2501X20051E-RF Tester:Kungfumaester Liang  
Date: 29.SEP.2025 22:47:45

## 802.11ac20, High Channel



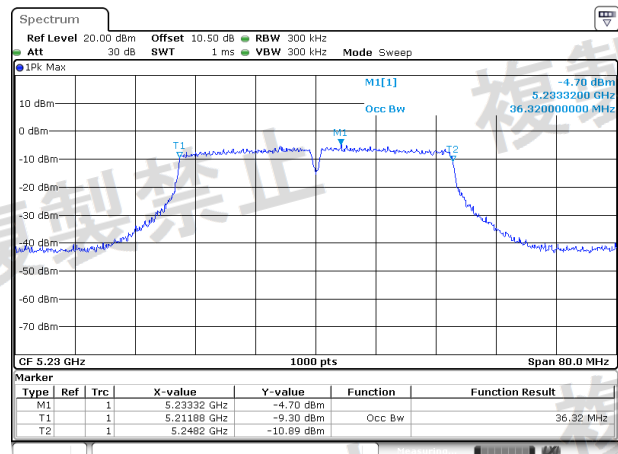
ProjectNo.:2501X20051E-RF Tester:Kungfumaester Liang  
Date: 29.SEP.2025 22:25:25

## 802.11ac40, Low Channel



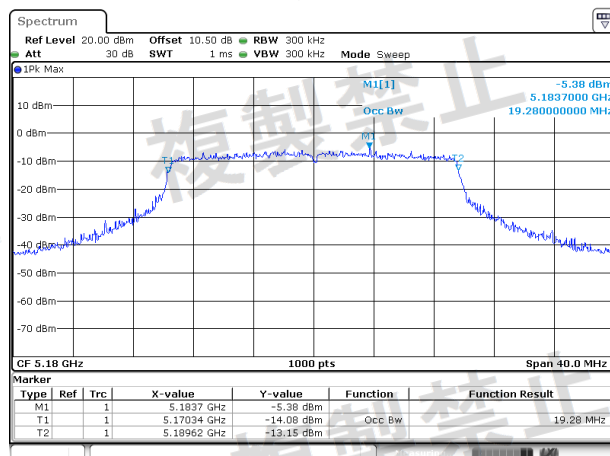
ProjectNo.:2501X20051E-RF Tester:Kungfumaaster Liang  
Date: 29\_SEP.2025 23:08:16

## 802.11ac40, High Channel



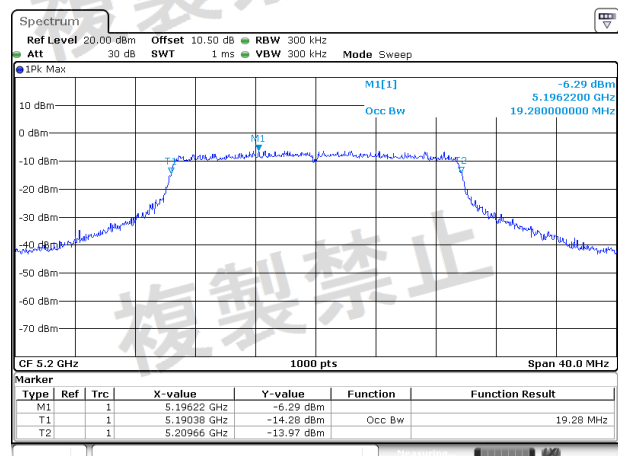
ProjectNo.:2501X20051E-RF Tester:Kungfumaaster Liang  
Date: 29\_SEP.2025 22:57:17

## 802.11ax20, Low Channel



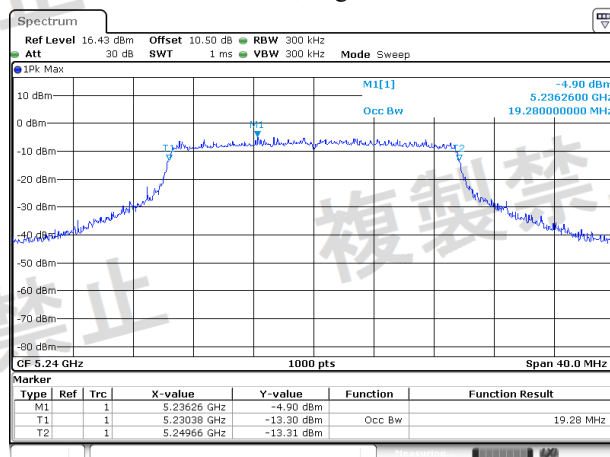
ProjectNo.:2501X20051E-RF Tester:Kungfumaaster Liang  
Date: 30\_SEP.2025 19:42:30

## 802.11ax20, Middle Channel



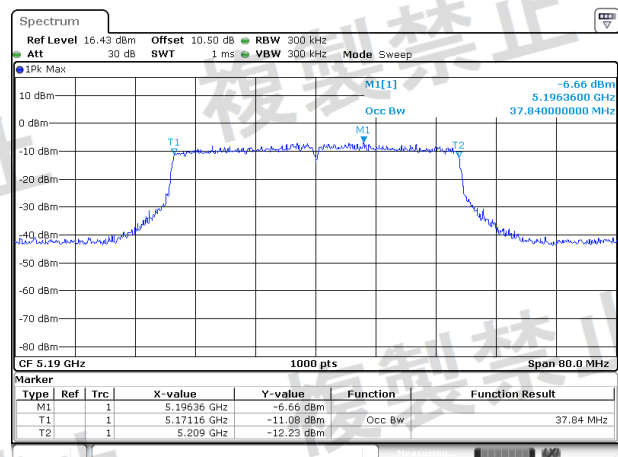
ProjectNo.:2501X20051E-RF Tester:Kungfumaaster Liang  
Date: 30\_SEP.2025 19:51:32

## 802.11ax20, High Channel



ProjectNo.:2501X20051E-RF Tester:Kungfumaaster Liang  
Date: 30\_SEP.2025 19:35:06

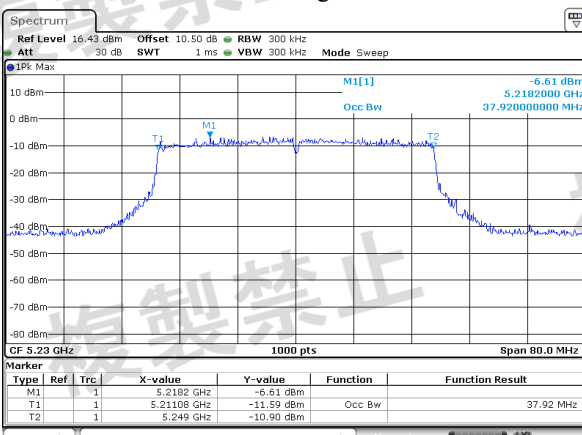
## 802.11ax40, Low Channel



ProjectNo.:2501X20051E-RF Tester:Kungfumaaster Liang  
Date: 30\_SEP.2025 20:41:39

## W53, Test Condition: NV

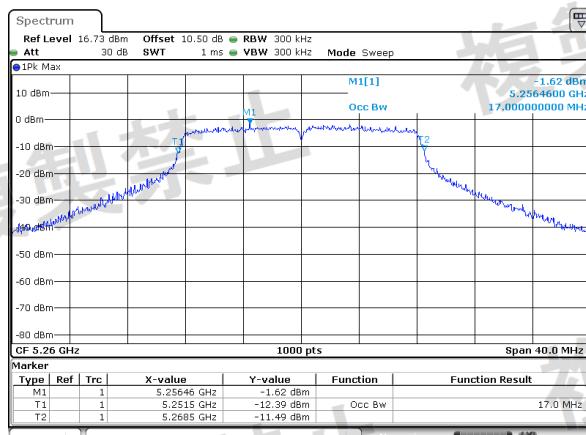
## 802.11ax40, High Channel



ProjectNo.:2501X20051E-RF Tester:Kungfumaster Liang

Date: 30.SEP.2025 20:28:22

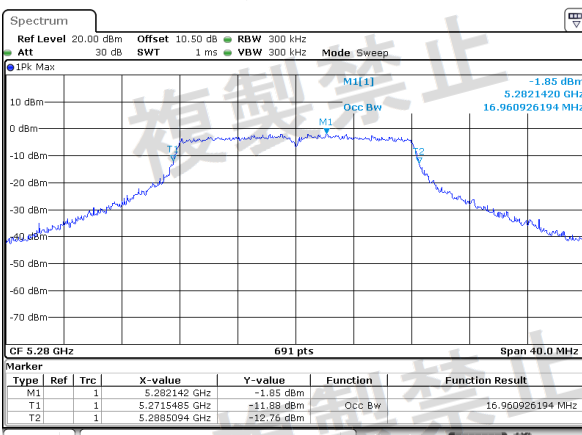
## 802.11a, Low Channel



ProjectNo.:2501X20051E-RF Tester:Kungfumaster Liang

Date: 29.SEP.2025 23:46:11

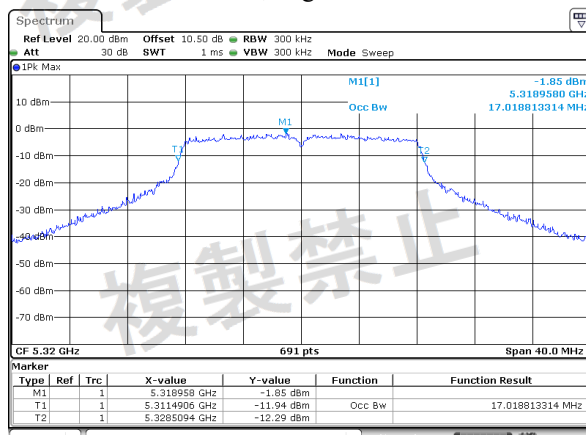
## 802.11a, Middle Channel



ProjectNo.:2501X20051E-RF Tester:Kungfumaster Liang

Date: 29.SEP.2025 23:56:57

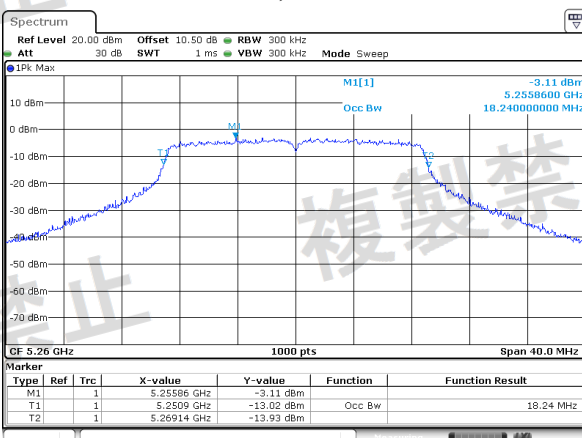
## 802.11a, High Channel



ProjectNo.:2501X20051E-RF Tester:Kungfumaster Liang

Date: 30.SEP.2025 00:04:32

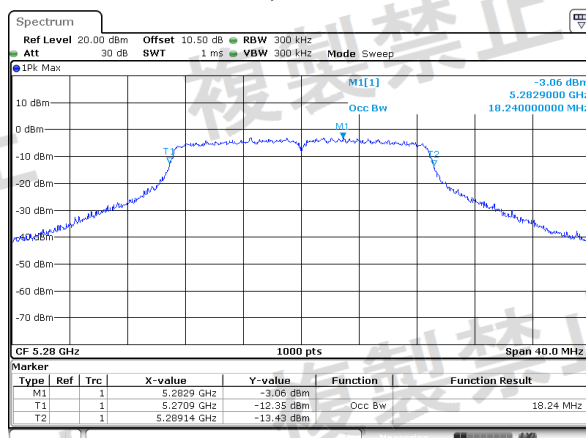
## 802.11ac20, Low Channel



ProjectNo.:2501X20051E-RF Tester:Kungfumaster Liang

Date: 30.SEP.2025 00:11:58

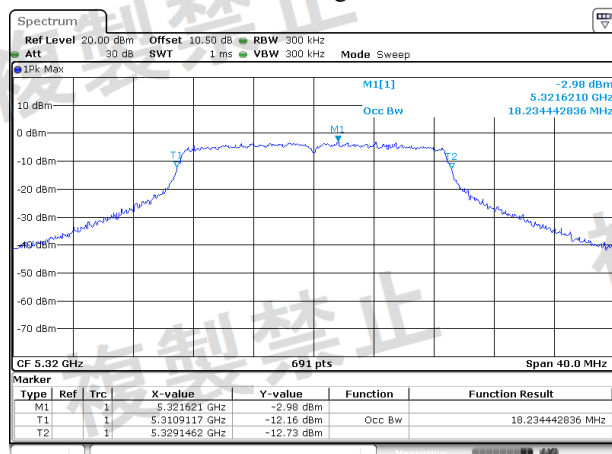
## 802.11ac20, Middle Channel



ProjectNo.:2501X20051E-RF Tester:Kungfumaster Liang

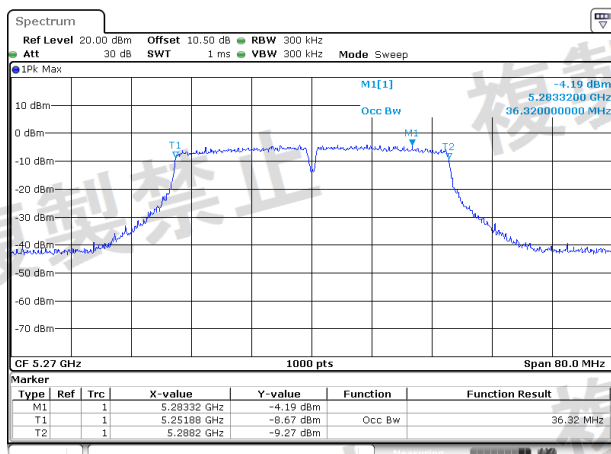
Date: 30.SEP.2025 00:37:41

## 802.11ac20, High Channel



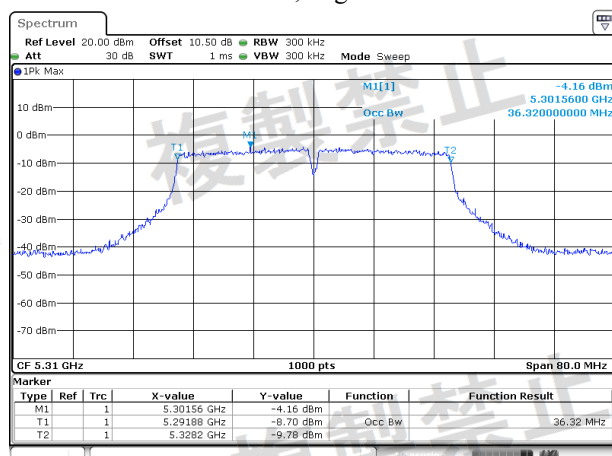
ProjectNo.:2501X20051E-RF Tester:Kungfumaister Liang  
Date: 30\_SEP.2025 00:43:20

## 802.11ac40, Low Channel



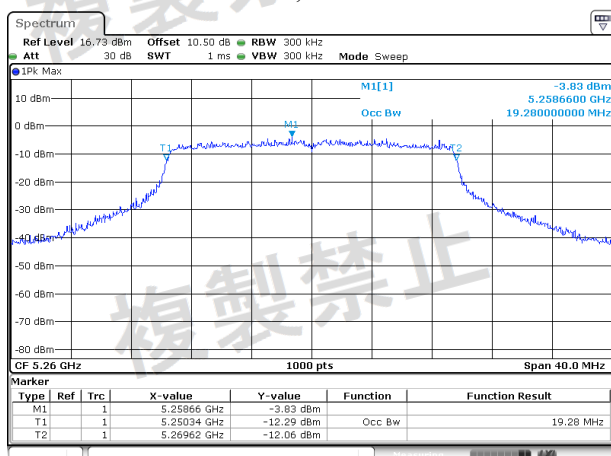
ProjectNo.:2501X20051E-RF Tester:Kungfumaister Liang  
Date: 30\_SEP.2025 00:52:31

## 802.11ac40, High Channel



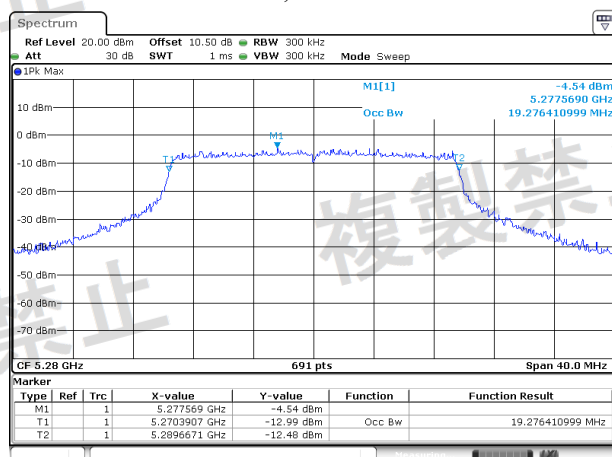
ProjectNo.:2501X20051E-RF Tester:Kungfumaister Liang  
Date: 30\_SEP.2025 01:00:05

## 802.11ax20, Low Channel



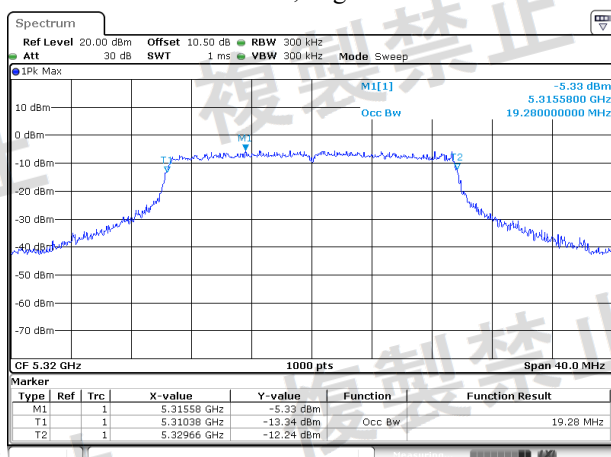
ProjectNo.:2501X20051E-RF Tester:Kungfumaister Liang  
Date: 30\_SEP.2025 20:56:57

## 802.11ax20, Middle Channel



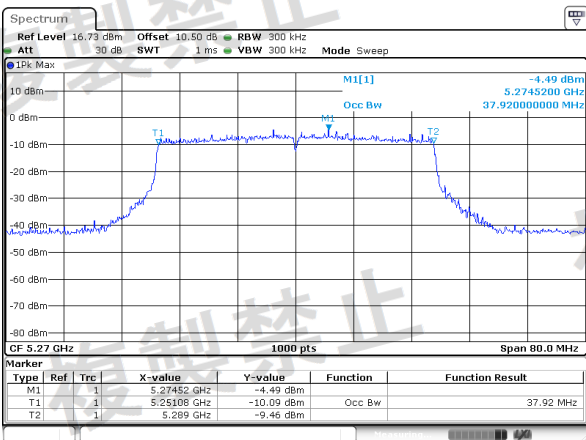
ProjectNo.:2501X20051E-RF Tester:Kungfumaister Liang  
Date: 30\_SEP.2025 21:07:17

## 802.11ax20, High Channel



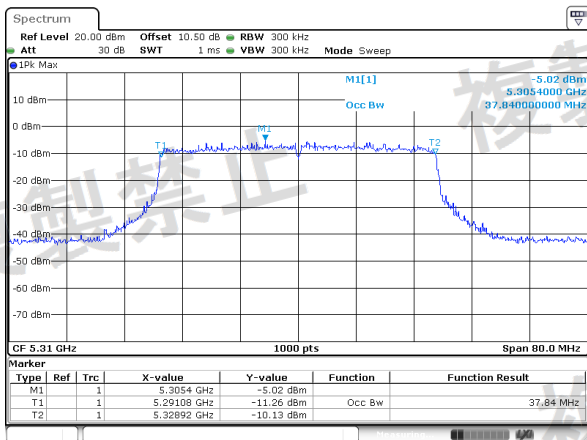
ProjectNo.:2501X20051E-RF Tester:Kungfumaister Liang  
Date: 30\_SEP.2025 21:14:55

802.11ax40, Low Channel



ProjectNo.:2501X20051E-RF Tester:Kungfumaster Liang  
Date: 30.SEP.2025 21:31:21

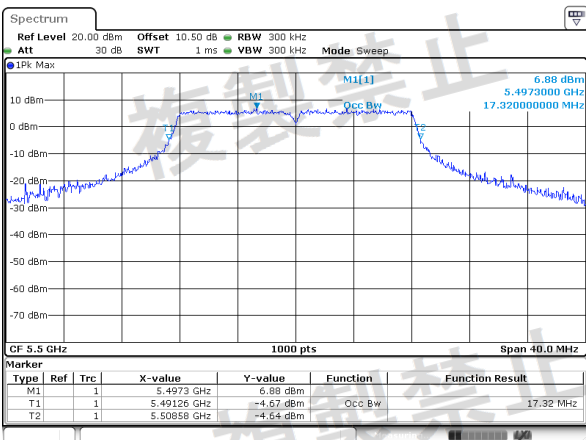
802.11ax40, High Channel



ProjectNo.:2501X20051E-RF Tester:Kungfumaster Liang  
Date: 30.SEP.2025 21:38:11

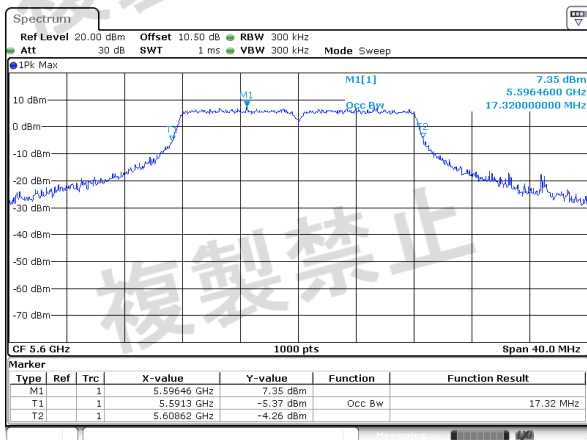
W56, Test Condition: NV

802.11a, Low Channel



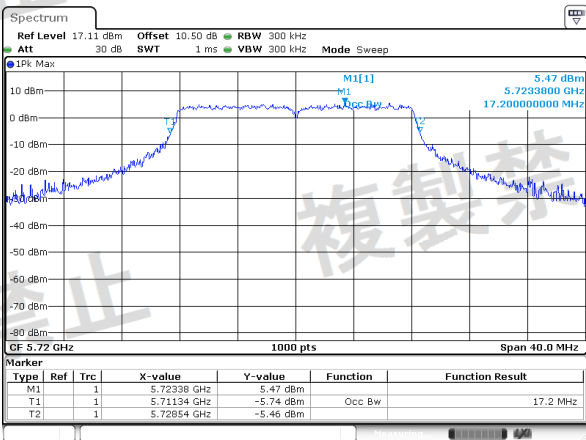
ProjectNo.:2501X20051E-RF Tester:Kungfumaster Liang  
Date: 30.SEP.2025 01:41:40

802.11a, Middle Channel



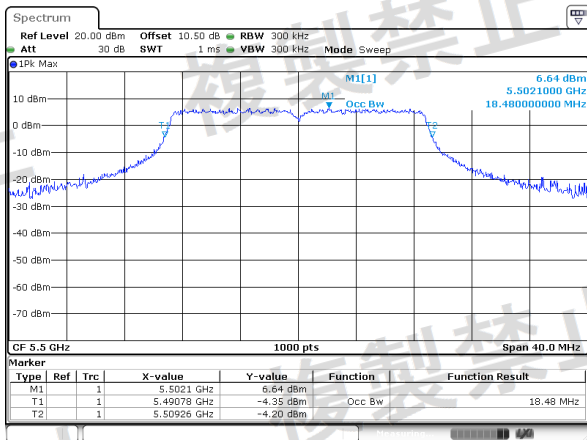
ProjectNo.:2501X20051E-RF Tester:Kungfumaster Liang  
Date: 30.SEP.2025 01:49:44

802.11a, High Channel



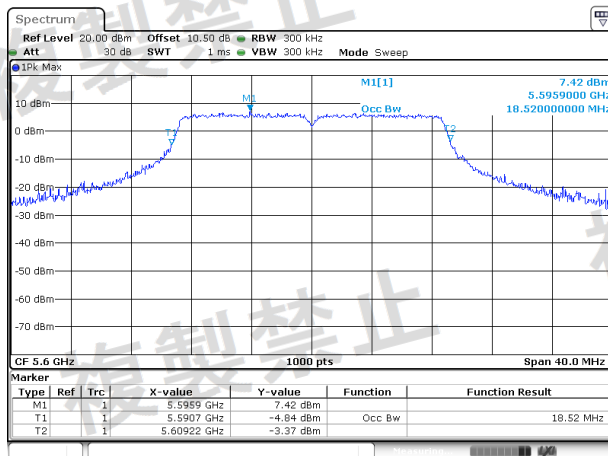
ProjectNo.:2501X20051E-RF Tester:Kungfumaster Liang  
Date: 30.SEP.2025 01:29:56

802.11ac20, Low Channel



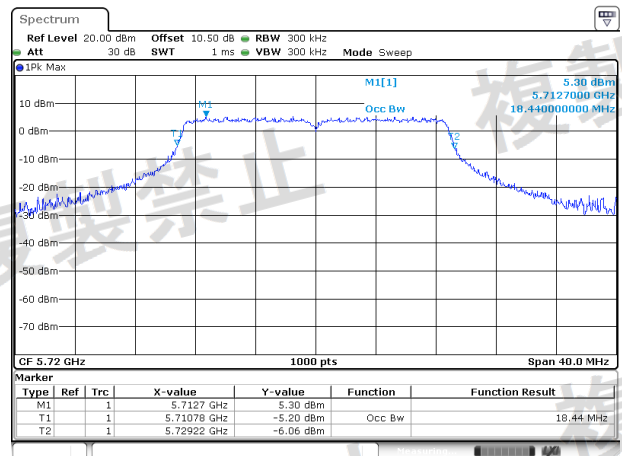
ProjectNo.:2501X20051E-RF Tester:Kungfumaster Liang  
Date: 30.SEP.2025 02:27:16

## 802.11ac20, Middle Channel



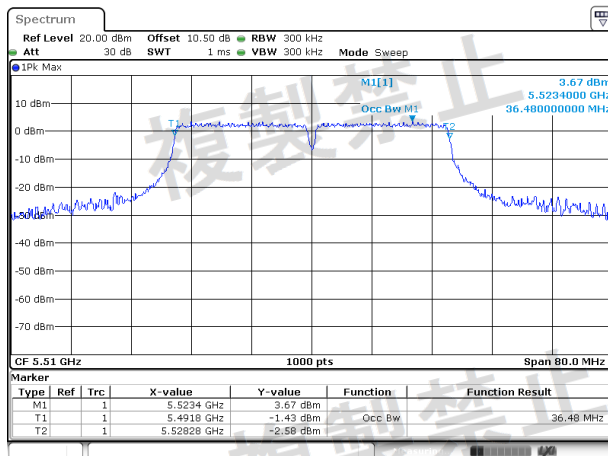
ProjectNo.:2501X20051E-RF Tester:Kungfumaister Liang  
Date: 30.SEP.2025 02:34:04

## 802.11ac20, High Channel



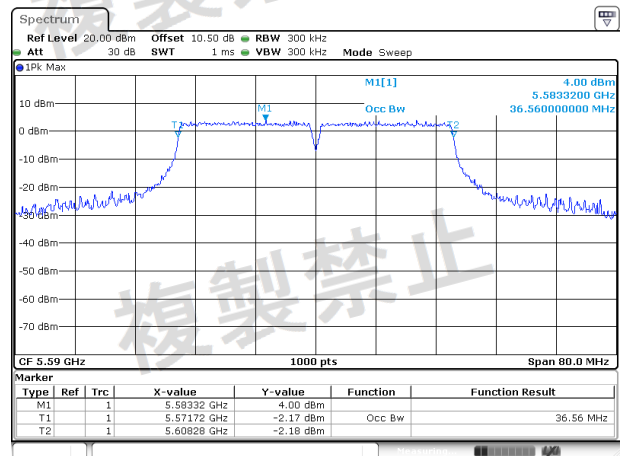
ProjectNo.:2501X20051E-RF Tester:Kungfumaister Liang  
Date: 30.SEP.2025 02:20:19

## 802.11ac40, Low Channel



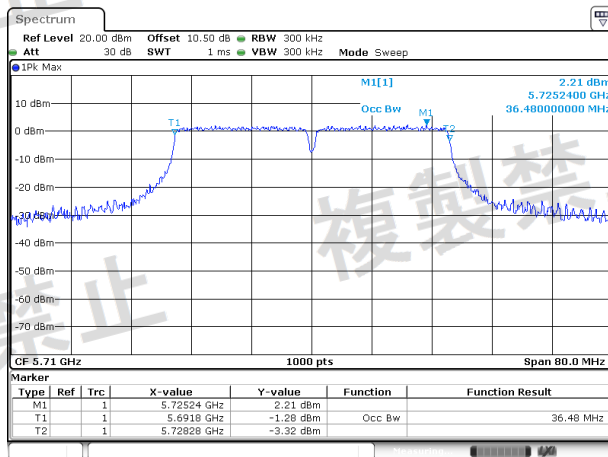
ProjectNo.:2501X20051E-RF Tester:Kungfumaister Liang  
Date: 30.SEP.2025 02:47:54

## 802.11ac40, Middle Channel



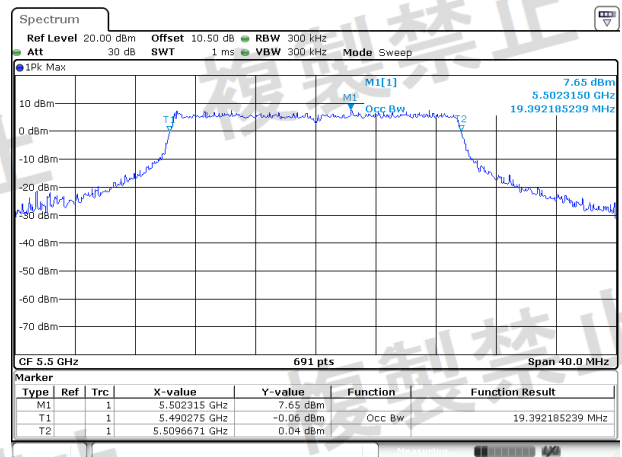
ProjectNo.:2501X20051E-RF Tester:Kungfumaister Liang  
Date: 30.SEP.2025 02:54:29

## 802.11ac40, High Channel



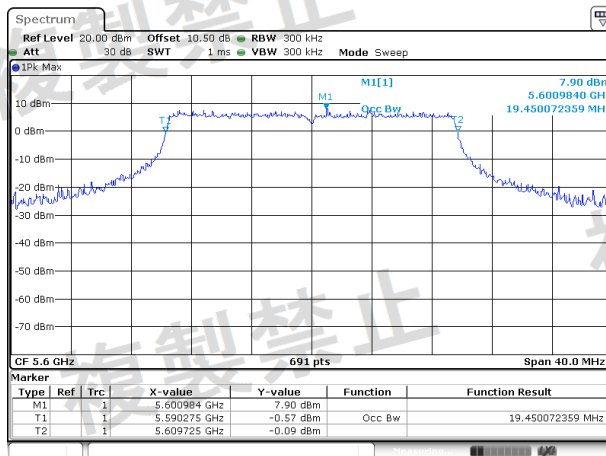
ProjectNo.:2501X20051E-RF Tester:Kungfumaister Liang  
Date: 30.SEP.2025 03:00:46

## 802.11ax20, Low Channel



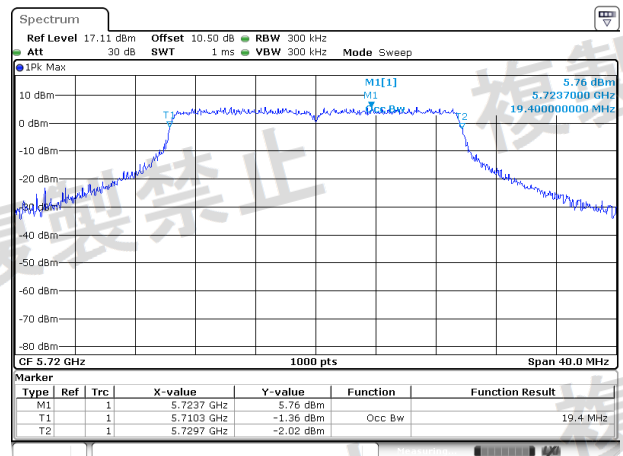
ProjectNo.:2501X20051E-RF Tester:Kungfumaister Liang  
Date: 30.SEP.2025 22:35:18

## 802.11ax20, Middle Channel



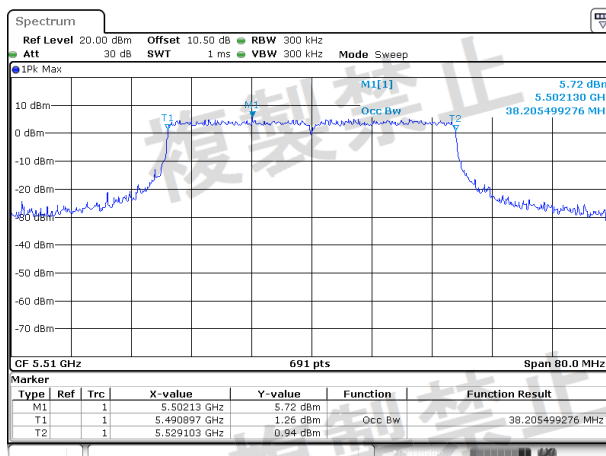
ProjectNo.:2501X20051E-RF Tester:Kungfumaaster Liang  
Date: 30\_SEP.2025 22:41:40

## 802.11ax20, High Channel



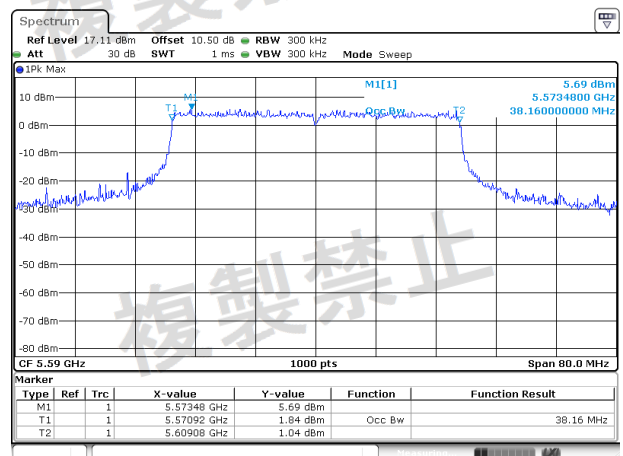
ProjectNo.:2501X20051E-RF Tester:Kungfumaaster Liang  
Date: 30\_SEP.2025 22:30:33

## 802.11ax40, Low Channel



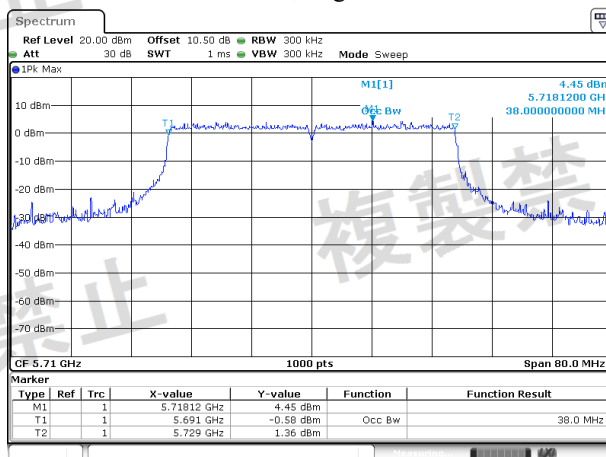
ProjectNo.:2501X20051E-RF Tester:Kungfumaaster Liang  
Date: 30\_SEP.2025 23:07:02

## 802.11ax40, Middle Channel



ProjectNo.:2501X20051E-RF Tester:Kungfumaaster Liang  
Date: 30\_SEP.2025 23:13:27

## 802.11ax40, High Channel



ProjectNo.:2501X20051E-RF Tester:Kungfumaaster Liang  
Date: 30\_SEP.2025 23:19:09

**Transmitter Spurious Emission Strength and Out Of Band Leakage Power****Test Information:**

|                    |                    |                     |                       |
|--------------------|--------------------|---------------------|-----------------------|
| <b>Sample No.:</b> | 3A1I-1             | <b>Test Date:</b>   | 2025/09/29~2025/09/30 |
| <b>Test Site:</b>  | RF                 | <b>Test Mode:</b>   | Transmitting          |
| <b>Tester:</b>     | Kungfumaster Liang | <b>Test Result:</b> | Pass                  |

**Environmental Conditions:**

|                             |           |                                  |       |                               |             |
|-----------------------------|-----------|----------------------------------|-------|-------------------------------|-------------|
| <b>Temperature:</b><br>(°C) | 24.8-25.6 | <b>Relative Humidity:</b><br>(%) | 50-54 | <b>ATM Pressure:</b><br>(kPa) | 101.1-101.4 |
|-----------------------------|-----------|----------------------------------|-------|-------------------------------|-------------|

**Test Condition: NV****5.2G, 802.11a**

| Channel | Frequency Range |               | Max.Emission<br>Located(MHz) | Max.Emission         |                          | Limit<br>( $\mu$ W/MHz) | Verdict |
|---------|-----------------|---------------|------------------------------|----------------------|--------------------------|-------------------------|---------|
|         | Start<br>(MHz)  | Stop<br>(MHz) |                              | Reading<br>(dBm/MHz) | Result<br>( $\mu$ W/MHz) |                         |         |
| Low     | 30              | 5100          | 5077.2                       | -41.76               | 0.067                    | 2.50                    | Pass    |
|         | 5100            | 5142          | 5134.77                      | -32.33               | 0.585                    | 2.50                    | Pass    |
|         | 5142            | 5150          | 5146.83                      | -31.70               | 0.676                    | 15                      | Pass    |
|         | 5250            | 5251          | 5250.95                      | -33.34               | 0.463                    | 112.20                  | Pass    |
|         | 5251            | 5260          | 5259.21                      | -32.40               | 0.575                    | 18.63                   | Pass    |
|         | 5260            | 5266.7        | 5266.09                      | -33.53               | 0.444                    | 2.95                    | Pass    |
|         | 5266.7          | 5300          | 5271.07                      | -31.92               | 0.643                    | 2.50                    | Pass    |
|         | 5300            | 26000         | 6884                         | -42.29               | 0.059                    | 2.50                    | Pass    |
| Middle  | 30              | 5100          | 4463.7                       | -41.47               | 0.071                    | 2.50                    | Pass    |
|         | 5100            | 5142          | 5125.76                      | -32.14               | 0.611                    | 2.50                    | Pass    |
|         | 5142            | 5150          | 5147.08                      | -32.56               | 0.555                    | 15                      | Pass    |
|         | 5250            | 5251          | 5250.97                      | -33.25               | 0.473                    | 107.15                  | Pass    |
|         | 5251            | 5260          | 5259.65                      | -32.36               | 0.581                    | 17.03                   | Pass    |
|         | 5260            | 5266.7        | 5265.90                      | -32.02               | 0.628                    | 3.10                    | Pass    |
|         | 5266.7          | 5300          | 5292.77                      | -31.90               | 0.646                    | 2.50                    | Pass    |
|         | 5300            | 26000         | 6987                         | -43.03               | 0.050                    | 2.50                    | Pass    |
| High    | 30              | 5100          | 4088.5                       | -41.29               | 0.074                    | 2.50                    | Pass    |
|         | 5100            | 5142          | 5107.86                      | -31.33               | 0.736                    | 2.50                    | Pass    |
|         | 5142            | 5150          | 5148.20                      | -32.43               | 0.571                    | 15                      | Pass    |
|         | 5250            | 5251          | 5250.83                      | -9.49                | 112.460                  | 147.91                  | Pass    |
|         | 5251            | 5260          | 5251.11                      | -10.39               | 91.411                   | 97.77                   | Pass    |
|         | 5260            | 5266.7        | 5266.38                      | -28.23               | 1.503                    | 2.72                    | Pass    |
|         | 5266.7          | 5300          | 5272.09                      | -31.33               | 0.736                    | 2.50                    | Pass    |
|         | 5300            | 26000         | 6863                         | -43.05               | 0.050                    | 2.50                    | Pass    |

**5.2G, 802.11ac20**

| Channel | Frequency Range |               | Max.Emission<br>Located(MHz) | Max.Emission         |                          | Limit<br>( $\mu$ W/MHz) | Verdict |
|---------|-----------------|---------------|------------------------------|----------------------|--------------------------|-------------------------|---------|
|         | Start<br>(MHz)  | Stop<br>(MHz) |                              | Reading<br>(dBm/MHz) | Result<br>( $\mu$ W/MHz) |                         |         |
| Low     | 30              | 5100          | 4042.9                       | -42.40               | 0.058                    | 2.50                    | Pass    |
|         | 5100            | 5142          | 5117.07                      | -31.66               | 0.682                    | 2.50                    | Pass    |
|         | 5142            | 5150          | 5145.59                      | -32.47               | 0.566                    | 15                      | Pass    |
|         | 5250            | 5250.2        | 5250.03                      | -31.08               | 0.780                    | 1791.98                 | Pass    |
|         | 5250.2          | 5251          | 5250.99                      | -32.86               | 0.518                    | 102.33                  | Pass    |
|         | 5251            | 5260          | 5258.92                      | -31.87               | 0.650                    | 19.77                   | Pass    |
|         | 5260            | 5266.7        | 5265.10                      | -32.22               | 0.600                    | 3.87                    | Pass    |
|         | 5266.7          | 5300          | 5293.69                      | -32.14               | 0.611                    | 2.50                    | Pass    |
| Middle  | 5300            | 26000         | 6966                         | -43.16               | 0.048                    | 2.50                    | Pass    |
|         | 30              | 5100          | 5051.8                       | -41.76               | 0.067                    | 2.50                    | Pass    |
|         | 5100            | 5142          | 5108.25                      | -32.29               | 0.590                    | 2.50                    | Pass    |
|         | 5142            | 5150          | 5142.42                      | -32.37               | 0.579                    | 15                      | Pass    |
|         | 5250            | 5250.2        | 5250.14                      | -32.07               | 0.621                    | 912.01                  | Pass    |
|         | 5250.2          | 5251          | 5250.94                      | -32.46               | 0.568                    | 114.82                  | Pass    |
|         | 5251            | 5260          | 5259.52                      | -31.22               | 0.755                    | 17.49                   | Pass    |
|         | 5260            | 5266.7        | 5265.74                      | -32.31               | 0.587                    | 3.24                    | Pass    |
| High    | 5266.7          | 5300          | 5277.81                      | -32.18               | 0.605                    | 2.50                    | Pass    |
|         | 5300            | 26000         | 6925                         | -42.84               | 0.052                    | 2.50                    | Pass    |
|         | 30              | 5100          | 4372.5                       | -41.34               | 0.073                    | 2.50                    | Pass    |
|         | 5100            | 5142          | 5117.07                      | -32.06               | 0.622                    | 2.50                    | Pass    |
|         | 5142            | 5150          | 5146.33                      | -31.93               | 0.641                    | 15                      | Pass    |
|         | 5250            | 5250.2        | 5250.07                      | -5.53                | 279.898                  | 1401.74                 | Pass    |
|         | 5250.2          | 5251          | 5250.93                      | -9.54                | 111.173                  | 117.49                  | Pass    |
|         | 5251            | 5260          | 5251.44                      | -11.54               | 70.146                   | 91.39                   | Pass    |
|         | 5260            | 5266.7        | 5265.99                      | -32.78               | 0.527                    | 3.03                    | Pass    |
|         | 5266.7          | 5300          | 5285.74                      | -31.81               | 0.659                    | 2.50                    | Pass    |
|         | 5300            | 26000         | 6780                         | -43.17               | 0.048                    | 2.50                    | Pass    |

**5.2G, 802.11ac40**

| Channel | Frequency Range |               | Max.Emission<br>Located(MHz) | Max.Emission         |                          | Limit<br>( $\mu$ W/MHz) | Verdict |
|---------|-----------------|---------------|------------------------------|----------------------|--------------------------|-------------------------|---------|
|         | Start<br>(MHz)  | Stop<br>(MHz) |                              | Reading<br>(dBm/MHz) | Result<br>( $\mu$ W/MHz) |                         |         |
| Low     | 30              | 5100          | 889.4                        | -41.28               | 0.074                    | 2.50                    | Pass    |
|         | 5100            | 5141.6        | 5137.79                      | -31.92               | 0.643                    | 2.50                    | Pass    |
|         | 5141.6          | 5150          | 5149.03                      | -31.17               | 0.764                    | 15                      | Pass    |
|         | 5250            | 5251          | 5251.00                      | -32.50               | 0.562                    | 50.00                   | Pass    |
|         | 5251            | 5270          | 5269.42                      | -32.36               | 0.581                    | 8.38                    | Pass    |
|         | 5270            | 5278.4        | 5278.33                      | -32.43               | 0.571                    | 2.51                    | Pass    |
|         | 5278.4          | 5300          | 5284.31                      | -31.97               | 0.635                    | 2.50                    | Pass    |
|         | 5300            | 26000         | 6842                         | -42.26               | 0.059                    | 2.50                    | Pass    |
| High    | 30              | 5100          | 4970.7                       | -42.27               | 0.059                    | 2.50                    | Pass    |
|         | 5100            | 5141.6        | 5118.87                      | -31.73               | 0.671                    | 2.50                    | Pass    |
|         | 5141.6          | 5150          | 5142.28                      | -31.42               | 0.721                    | 15                      | Pass    |
|         | 5250            | 5251          | 5250.96                      | -13.11               | 48.865                   | 54.82                   | Pass    |
|         | 5251            | 5270          | 5251.35                      | -14.46               | 35.810                   | 48.33                   | Pass    |
|         | 5270            | 5278.4        | 5277.77                      | -31.82               | 0.658                    | 2.71                    | Pass    |
|         | 5278.4          | 5300          | 5285.04                      | -30.75               | 0.841                    | 2.50                    | Pass    |
|         | 5300            | 26000         | 6987                         | -43.06               | 0.049                    | 2.50                    | Pass    |

## 5.2G, 802.11ax20

| Channel | Frequency Range |               | Max.Emission<br>Located(MHz) | Max.Emission         |                          | Limit<br>( $\mu$ W/MHz) | Verdict |
|---------|-----------------|---------------|------------------------------|----------------------|--------------------------|-------------------------|---------|
|         | Start<br>(MHz)  | Stop<br>(MHz) |                              | Reading<br>(dBm/MHz) | Result<br>( $\mu$ W/MHz) |                         |         |
| Low     | 30              | 5100          | 4372.5                       | -41.82               | 0.066                    | 2.50                    | Pass    |
|         | 5100            | 5142          | 5100.78                      | -31.53               | 0.703                    | 2.50                    | Pass    |
|         | 5142            | 5150          | 5148.80                      | -31.97               | 0.635                    | 15                      | Pass    |
|         | 5250            | 5250.2        | 5250.19                      | -32.35               | 0.582                    | 670.91                  | Pass    |
|         | 5250.2          | 5251          | 5250.94                      | -32.14               | 0.611                    | 114.82                  | Pass    |
|         | 5251            | 5260          | 5259.69                      | -32.09               | 0.618                    | 16.89                   | Pass    |
|         | 5260            | 5266.7        | 5265.91                      | -33.13               | 0.486                    | 3.10                    | Pass    |
|         | 5266.7          | 5300          | 5266.49                      | -31.36               | 0.731                    | 2.50                    | Pass    |
| Middle  | 5300            | 26000         | 6801                         | -42.83               | 0.052                    | 2.50                    | Pass    |
|         | 30              | 5100          | 5087.3                       | -42.48               | 0.056                    | 2.50                    | Pass    |
|         | 5100            | 5142          | 5100.02                      | -32.11               | 0.615                    | 2.50                    | Pass    |
|         | 5142            | 5150          | 5145.11                      | -32.07               | 0.621                    | 15                      | Pass    |
|         | 5250            | 5250.2        | 5250.17                      | -31.41               | 0.723                    | 758.58                  | Pass    |
|         | 5250.2          | 5251          | 5251.00                      | -33.08               | 0.492                    | 100.00                  | Pass    |
|         | 5251            | 5260          | 5257.75                      | -30.92               | 0.809                    | 25.12                   | Pass    |
|         | 5260            | 5266.7        | 5265.84                      | -32.38               | 0.578                    | 3.16                    | Pass    |
| High    | 5266.7          | 5300          | 5285.87                      | -32.50               | 0.562                    | 2.50                    | Pass    |
|         | 5300            | 26000         | 6884                         | -42.85               | 0.052                    | 2.50                    | Pass    |
|         | 30              | 5100          | 5021.4                       | -41.90               | 0.065                    | 2.50                    | Pass    |
|         | 5100            | 5142          | 5120.73                      | -32.25               | 0.596                    | 2.50                    | Pass    |
|         | 5142            | 5150          | 5149.24                      | -32.18               | 0.605                    | 15                      | Pass    |
|         | 5250            | 5250.2        | 5250.04                      | -4.05                | 393.550                  | 1685.26                 | Pass    |
|         | 5250.2          | 5251          | 5251.00                      | -11.69               | 67.764                   | 100.00                  | Pass    |
|         | 5251            | 5260          | 5251.11                      | -13.20               | 47.863                   | 97.77                   | Pass    |
|         | 5260            | 5266.7        | 5265.97                      | -32.23               | 0.598                    | 3.05                    | Pass    |
|         | 5266.7          | 5300          | 5296.99                      | -31.27               | 0.746                    | 2.50                    | Pass    |
|         | 5300            | 26000         | 5310                         | -37.63               | 0.173                    | 2.50                    | Pass    |

**5.2G, 802.11ax40**

| Channel | Frequency Range |               | Max.Emission<br>Located(MHz) | Max.Emission         |                          | Limit<br>( $\mu$ W/MHz) | Verdict |
|---------|-----------------|---------------|------------------------------|----------------------|--------------------------|-------------------------|---------|
|         | Start<br>(MHz)  | Stop<br>(MHz) |                              | Reading<br>(dBm/MHz) | Result<br>( $\mu$ W/MHz) |                         |         |
| Low     | 30              | 5100          | 4610.7                       | -42.73               | 0.053                    | 2.50                    | Pass    |
|         | 5100            | 5141.6        | 5133.97                      | -31.58               | 0.695                    | 2.50                    | Pass    |
|         | 5141.6          | 5150          | 5141.65                      | -31.09               | 0.778                    | 15                      | Pass    |
|         | 5250            | 5251          | 5250.98                      | -32.80               | 0.525                    | 52.36                   | Pass    |
|         | 5251            | 5270          | 5268.58                      | -31.80               | 0.661                    | 9.09                    | Pass    |
|         | 5270            | 5278.4        | 5278.03                      | -32.27               | 0.593                    | 2.61                    | Pass    |
|         | 5278.4          | 5300          | 5283.88                      | -31.55               | 0.700                    | 2.50                    | Pass    |
|         | 5300            | 26000         | 6780                         | -43.26               | 0.047                    | 2.50                    | Pass    |
| High    | 30              | 5100          | 4945.4                       | -42.16               | 0.061                    | 2.50                    | Pass    |
|         | 5100            | 5141.6        | 5125.44                      | -31.48               | 0.711                    | 2.50                    | Pass    |
|         | 5141.6          | 5150          | 5144.68                      | -32.21               | 0.601                    | 15                      | Pass    |
|         | 5250            | 5251          | 5250.95                      | -13.56               | 44.055                   | 56.10                   | Pass    |
|         | 5251            | 5270          | 5251.04                      | -15.71               | 26.853                   | 49.81                   | Pass    |
|         | 5270            | 5278.4        | 5277.17                      | -31.94               | 0.640                    | 2.94                    | Pass    |
|         | 5278.4          | 5300          | 5283.25                      | -31.93               | 0.641                    | 2.50                    | Pass    |
|         | 5300            | 26000         | 6987                         | -42.86               | 0.052                    | 2.50                    | Pass    |

## 5.3G, 802.11a

| Channel | Frequency Range |               | Max.Emission<br>Located(MHz) | Max.Emission         |                          | Limit<br>( $\mu$ W/MHz) | Verdict |
|---------|-----------------|---------------|------------------------------|----------------------|--------------------------|-------------------------|---------|
|         | Start<br>(MHz)  | Stop<br>(MHz) |                              | Reading<br>(dBm/MHz) | Result<br>( $\mu$ W/MHz) |                         |         |
| Low     | 30              | 5200          | 3755                         | -42.88               | 0.052                    | 2.50                    | Pass    |
|         | 5200            | 5233.3        | 5204.51                      | -32.54               | 0.557                    | 2.50                    | Pass    |
|         | 5233.3          | 5240          | 5233.32                      | -33.84               | 0.413                    | 2.50                    | Pass    |
|         | 5240            | 5249          | 5248.59                      | -12.60               | 54.954                   | 91.95                   | Pass    |
|         | 5249            | 5250          | 5249.01                      | -11.07               | 78.163                   | 102.33                  | Pass    |
|         | 5350            | 5400          | 5379.68                      | -32.50               | 0.562                    | 2.50                    | Pass    |
|         | 5400            | 26000         | 6873                         | -43.60               | 0.044                    | 2.50                    | Pass    |
| Middle  | 30              | 5200          | 823.6                        | -40.23               | 0.095                    | 2.50                    | Pass    |
|         | 5200            | 5233.3        | 5201.18                      | -32.51               | 0.561                    | 2.50                    | Pass    |
|         | 5233.3          | 5240          | 5233.43                      | -32.69               | 0.538                    | 2.58                    | Pass    |
|         | 5240            | 5249          | 5240.58                      | -33.08               | 0.492                    | 17.85                   | Pass    |
|         | 5249            | 5250          | 5249.00                      | -34.09               | 0.390                    | 100.00                  | Pass    |
|         | 5350            | 5400          | 5367.67                      | -32.24               | 0.597                    | 2.50                    | Pass    |
|         | 5400            | 26000         | 6976                         | -41.78               | 0.066                    | 2.50                    | Pass    |
| High    | 30              | 5200          | 4127.2                       | -42.47               | 0.057                    | 2.50                    | Pass    |
|         | 5200            | 5233.3        | 5232.12                      | -32.44               | 0.570                    | 2.50                    | Pass    |
|         | 5233.3          | 5240          | 5233.62                      | -33.58               | 0.439                    | 2.72                    | Pass    |
|         | 5240            | 5249          | 5240.27                      | -34.03               | 0.395                    | 16.75                   | Pass    |
|         | 5249            | 5250          | 5249.00                      | -33.08               | 0.492                    | 100.00                  | Pass    |
|         | 5350            | 5400          | 5374.28                      | -32.25               | 0.596                    | 2.50                    | Pass    |
|         | 5400            | 26000         | 6935                         | -43.21               | 0.048                    | 2.50                    | Pass    |

**5.3G, 802.11ac20**

| Channel | Frequency Range |               | Max.Emission<br>Located(MHz) | Max.Emission         |                          | Limit<br>( $\mu$ W/MHz) | Verdict |
|---------|-----------------|---------------|------------------------------|----------------------|--------------------------|-------------------------|---------|
|         | Start<br>(MHz)  | Stop<br>(MHz) |                              | Reading<br>(dBm/MHz) | Result<br>( $\mu$ W/MHz) |                         |         |
| Low     | 30              | 5200          | 4282.3                       | -42.02               | 0.063                    | 2.50                    | Pass    |
|         | 5200            | 5233.3        | 5228.62                      | -31.96               | 0.637                    | 2.50                    | Pass    |
|         | 5233.3          | 5240          | 5233.34                      | -34.07               | 0.392                    | 2.52                    | Pass    |
|         | 5240            | 5249          | 5248.12                      | -12.27               | 59.293                   | 83.52                   | Pass    |
|         | 5249            | 5249.8        | 5249.00                      | -10.04               | 99.083                   | 100.00                  | Pass    |
|         | 5249.8          | 5250          | 5249.82                      | -6.69                | 214.289                  | 713.40                  | Pass    |
|         | 5350            | 5400          | 5365.17                      | -31.43               | 0.719                    | 2.50                    | Pass    |
|         | 5400            | 26000         | 6894                         | -43.02               | 0.050                    | 2.50                    | Pass    |
| Middle  | 30              | 5200          | 823.6                        | -37.86               | 0.164                    | 2.50                    | Pass    |
|         | 5200            | 5233.3        | 5226.19                      | -33.11               | 0.489                    | 2.50                    | Pass    |
|         | 5233.3          | 5240          | 5233.59                      | -33.92               | 0.406                    | 2.70                    | Pass    |
|         | 5240            | 5249          | 5240.09                      | -33.54               | 0.443                    | 16.14                   | Pass    |
|         | 5249            | 5249.8        | 5249.00                      | -33.53               | 0.444                    | 100.00                  | Pass    |
|         | 5249.8          | 5250          | 5249.83                      | -32.47               | 0.566                    | 758.58                  | Pass    |
|         | 5350            | 5400          | 5370.53                      | -32.45               | 0.569                    | 2.50                    | Pass    |
|         | 5400            | 26000         | 6543                         | -43.30               | 0.047                    | 2.50                    | Pass    |
| High    | 30              | 5200          | 823.6                        | -38.82               | 0.131                    | 2.50                    | Pass    |
|         | 5200            | 5233.3        | 5205.41                      | -33.38               | 0.459                    | 2.50                    | Pass    |
|         | 5233.3          | 5240          | 5233.91                      | -32.80               | 0.525                    | 2.95                    | Pass    |
|         | 5240            | 5249          | 5240.32                      | -32.90               | 0.513                    | 16.92                   | Pass    |
|         | 5249            | 5249.8        | 5249.04                      | -33.01               | 0.500                    | 109.65                  | Pass    |
|         | 5249.8          | 5250          | 5249.84                      | -32.62               | 0.547                    | 806.62                  | Pass    |
|         | 5350            | 5400          | 5355.83                      | -32.13               | 0.612                    | 2.50                    | Pass    |
|         | 5400            | 26000         | 6976                         | -43.39               | 0.046                    | 2.50                    | Pass    |

**5.3G, 802.11ac40**

| Channel | Frequency Range |               | Max.Emission<br>Located(MHz) | Max.Emission         |                          | Limit<br>( $\mu$ W/MHz) | Verdict |
|---------|-----------------|---------------|------------------------------|----------------------|--------------------------|-------------------------|---------|
|         | Start<br>(MHz)  | Stop<br>(MHz) |                              | Reading<br>(dBm/MHz) | Result<br>( $\mu$ W/MHz) |                         |         |
| Low     | 30              | 5200          | 4003.1                       | -42.31               | 0.059                    | 2.50                    | Pass    |
|         | 5200            | 5221.6        | 5204.68                      | -32.76               | 0.530                    | 2.50                    | Pass    |
|         | 5221.6          | 5230          | 5222.18                      | -33.13               | 0.486                    | 2.69                    | Pass    |
|         | 5230            | 5249          | 5248.97                      | -15.49               | 28.249                   | 49.85                   | Pass    |
|         | 5249            | 5250          | 5249.08                      | -13.69               | 42.756                   | 60.11                   | Pass    |
|         | 5350            | 5358.4        | 5358.30                      | -31.76               | 0.667                    | 15                      | Pass    |
|         | 5358.4          | 5400          | 5363.54                      | -32.54               | 0.557                    | 2.50                    | Pass    |
|         | 5400            | 26000         | 6214                         | -43.21               | 0.048                    | 2.50                    | Pass    |
| High    | 30              | 5200          | 5026.8                       | -41.76               | 0.067                    | 2.50                    | Pass    |
|         | 5200            | 5221.6        | 5211.11                      | -32.80               | 0.525                    | 2.50                    | Pass    |
|         | 5221.6          | 5230          | 5221.97                      | -32.90               | 0.513                    | 2.61                    | Pass    |
|         | 5230            | 5249          | 5230.54                      | -33.24               | 0.474                    | 8.35                    | Pass    |
|         | 5249            | 5250          | 5249.02                      | -33.32               | 0.466                    | 52.36                   | Pass    |
|         | 5350            | 5358.4        | 5351.52                      | -32.53               | 0.558                    | 15                      | Pass    |
|         | 5358.4          | 5400          | 5389.37                      | -31.50               | 0.708                    | 2.50                    | Pass    |
|         | 5400            | 26000         | 6955                         | -43.60               | 0.044                    | 2.50                    | Pass    |

**5.3G, 802.11ax20**

| Channel | Frequency Range |               | Max.Emission<br>Located(MHz) | Max.Emission         |                          | Limit<br>( $\mu$ W/MHz) | Verdict |
|---------|-----------------|---------------|------------------------------|----------------------|--------------------------|-------------------------|---------|
|         | Start<br>(MHz)  | Stop<br>(MHz) |                              | Reading<br>(dBm/MHz) | Result<br>( $\mu$ W/MHz) |                         |         |
| Low     | 30              | 5200          | 3894.6                       | -42.42               | 0.057                    | 2.50                    | Pass    |
|         | 5200            | 5233.3        | 5221.43                      | -32.93               | 0.509                    | 2.50                    | Pass    |
|         | 5233.3          | 5240          | 5233.42                      | -33.82               | 0.415                    | 2.57                    | Pass    |
|         | 5240            | 5249          | 5248.99                      | -12.77               | 52.845                   | 99.80                   | Pass    |
|         | 5249            | 5249.8        | 5249.09                      | -9.50                | 112.202                  | 123.03                  | Pass    |
|         | 5249.8          | 5250          | 5249.80                      | -5.79                | 263.633                  | 630.96                  | Pass    |
|         | 5350            | 5400          | 5393.33                      | -31.89               | 0.647                    | 2.50                    | Pass    |
|         | 5400            | 26000         | 6976                         | -43.57               | 0.044                    | 2.50                    | Pass    |
| Middle  | 30              | 5200          | 3853.2                       | -42.14               | 0.061                    | 2.50                    | Pass    |
|         | 5200            | 5233.3        | 5224.03                      | -33.33               | 0.465                    | 2.50                    | Pass    |
|         | 5233.3          | 5240          | 5233.47                      | -33.05               | 0.495                    | 2.61                    | Pass    |
|         | 5240            | 5249          | 5240.05                      | -32.96               | 0.506                    | 16.01                   | Pass    |
|         | 5249            | 5249.8        | 5249.03                      | -33.81               | 0.416                    | 107.15                  | Pass    |
|         | 5249.8          | 5250          | 5249.84                      | -32.33               | 0.585                    | 806.62                  | Pass    |
|         | 5350            | 5400          | 5394.68                      | -31.92               | 0.643                    | 2.50                    | Pass    |
|         | 5400            | 26000         | 6997                         | -42.81               | 0.052                    | 2.50                    | Pass    |
| High    | 30              | 5200          | 4225.5                       | -42.00               | 0.063                    | 2.50                    | Pass    |
|         | 5200            | 5233.3        | 5214.77                      | -31.98               | 0.634                    | 2.50                    | Pass    |
|         | 5233.3          | 5240          | 5234.11                      | -33.39               | 0.458                    | 3.11                    | Pass    |
|         | 5240            | 5249          | 5240.26                      | -34.14               | 0.385                    | 16.72                   | Pass    |
|         | 5249            | 5249.8        | 5249.01                      | -33.45               | 0.452                    | 102.33                  | Pass    |
|         | 5249.8          | 5250          | 5249.81                      | -33.35               | 0.462                    | 670.91                  | Pass    |
|         | 5350            | 5400          | 5387.08                      | -32.42               | 0.573                    | 2.50                    | Pass    |
|         | 5400            | 26000         | 6873                         | -42.04               | 0.063                    | 2.50                    | Pass    |

**5.3G, 802.11ax40**

| Channel | Frequency Range |               | Max.Emission<br>Located(MHz) | Max.Emission         |                          | Limit<br>( $\mu$ W/MHz) | Verdict |
|---------|-----------------|---------------|------------------------------|----------------------|--------------------------|-------------------------|---------|
|         | Start<br>(MHz)  | Stop<br>(MHz) |                              | Reading<br>(dBm/MHz) | Result<br>( $\mu$ W/MHz) |                         |         |
| Low     | 30              | 5200          | 5078.5                       | -41.87               | 0.065                    | 2.50                    | Pass    |
|         | 5200            | 5221.6        | 5213.58                      | -32.95               | 0.507                    | 2.50                    | Pass    |
|         | 5221.6          | 5230          | 5221.68                      | -33.38               | 0.459                    | 2.51                    | Pass    |
|         | 5230            | 5249          | 5248.53                      | -17.49               | 17.824                   | 47.77                   | Pass    |
|         | 5249            | 5250          | 5249.49                      | -11.47               | 71.285                   | 154.51                  | Pass    |
|         | 5350            | 5358.4        | 5355.10                      | -32.68               | 0.540                    | 15                      | Pass    |
|         | 5358.4          | 5400          | 5360.17                      | -32.42               | 0.573                    | 2.50                    | Pass    |
|         | 5400            | 26000         | 6976                         | -43.19               | 0.048                    | 2.50                    | Pass    |
| High    | 30              | 5200          | 4375.4                       | -42.45               | 0.057                    | 2.50                    | Pass    |
|         | 5200            | 5221.6        | 5207.18                      | -32.69               | 0.538                    | 2.50                    | Pass    |
|         | 5221.6          | 5230          | 5223.91                      | -32.24               | 0.597                    | 3.42                    | Pass    |
|         | 5230            | 5249          | 5230.18                      | -34.30               | 0.372                    | 8.06                    | Pass    |
|         | 5249            | 5250          | 5249.02                      | -32.74               | 0.532                    | 52.36                   | Pass    |
|         | 5350            | 5358.4        | 5358.19                      | -32.40               | 0.575                    | 15                      | Pass    |
|         | 5358.4          | 5400          | 5366.57                      | -32.51               | 0.561                    | 2.50                    | Pass    |
|         | 5400            | 26000         | 6832                         | -43.72               | 0.042                    | 2.50                    | Pass    |

## 5.6G, 802.11a

| Channel | Frequency Range |               | Max.Emission<br>Located(MHz) | Max.Emission         |                          | Limit<br>( $\mu$ W/MHz) | Verdict |
|---------|-----------------|---------------|------------------------------|----------------------|--------------------------|-------------------------|---------|
|         | Start<br>(MHz)  | Stop<br>(MHz) |                              | Reading<br>(dBm/MHz) | Result<br>( $\mu$ W/MHz) |                         |         |
| Low     | 30              | 5300          | 5065.5                       | -43.01               | 0.050                    | 2.50                    | Pass    |
|         | 5300            | 5460          | 5459.92                      | -30.82               | 0.828                    | 2.50                    | Pass    |
|         | 5460            | 5470          | 5467.72                      | -24.13               | 3.864                    | 12.50                   | Pass    |
|         | 5745            | 5765          | 5751.12                      | -31.06               | 0.783                    | 12.50                   | Pass    |
|         | 5765            | 5900          | 5839.86                      | -29.92               | 1.019                    | 2.50                    | Pass    |
|         | 5900            | 26000         | 10995                        | -42.82               | 0.052                    | 2.50                    | Pass    |
| Middle  | 30              | 5300          | 3958.8                       | -42.45               | 0.057                    | 2.50                    | Pass    |
|         | 5300            | 5460          | 5349.68                      | -32.98               | 0.504                    | 2.50                    | Pass    |
|         | 5460            | 5470          | 5461.05                      | -32.42               | 0.573                    | 12.50                   | Pass    |
|         | 5745            | 5765          | 5745.89                      | -31.48               | 0.711                    | 12.50                   | Pass    |
|         | 5765            | 5900          | 5890.89                      | -30.73               | 0.845                    | 2.50                    | Pass    |
|         | 5900            | 26000         | 11196                        | -40.88               | 0.082                    | 2.50                    | Pass    |
| High    | 30              | 5300          | 4143.2                       | -43.02               | 0.050                    | 2.50                    | Pass    |
|         | 5300            | 5460          | 5379.28                      | -33.09               | 0.491                    | 2.50                    | Pass    |
|         | 5460            | 5470          | 5463.82                      | -32.44               | 0.570                    | 12.50                   | Pass    |
|         | 5745            | 5765          | 5745.82                      | -22.51               | 5.610                    | 12.50                   | Pass    |
|         | 5765            | 5900          | 5768.44                      | -29.72               | 1.067                    | 2.50                    | Pass    |
|         | 5900            | 26000         | 6513                         | -43.62               | 0.043                    | 2.50                    | Pass    |

**5.6G, 802.11ac20**

| Channel | Frequency Range |               | Max.Emission<br>Located(MHz) | Max.Emission         |                          | Limit<br>( $\mu$ W/MHz) | Verdict |
|---------|-----------------|---------------|------------------------------|----------------------|--------------------------|-------------------------|---------|
|         | Start<br>(MHz)  | Stop<br>(MHz) |                              | Reading<br>(dBm/MHz) | Result<br>( $\mu$ W/MHz) |                         |         |
| Low     | 30              | 5300          | 4227.6                       | -42.63               | 0.055                    | 2.50                    | Pass    |
|         | 5300            | 5460          | 5456.08                      | -27.95               | 1.603                    | 2.50                    | Pass    |
|         | 5460            | 5470          | 5467.53                      | -20.80               | 8.318                    | 12.50                   | Pass    |
|         | 5745            | 5765          | 5754.81                      | -31.28               | 0.745                    | 12.50                   | Pass    |
|         | 5765            | 5900          | 5898.99                      | -29.68               | 1.076                    | 2.50                    | Pass    |
|         | 5900            | 26000         | 11015                        | -41.55               | 0.070                    | 2.50                    | Pass    |
| Middle  | 30              | 5300          | 5018.1                       | -42.52               | 0.056                    | 2.50                    | Pass    |
|         | 5300            | 5460          | 5347.76                      | -32.71               | 0.536                    | 2.50                    | Pass    |
|         | 5460            | 5470          | 5465.23                      | -32.92               | 0.511                    | 12.50                   | Pass    |
|         | 5745            | 5765          | 5761.53                      | -31.07               | 0.782                    | 12.50                   | Pass    |
|         | 5765            | 5900          | 5845.66                      | -31.02               | 0.791                    | 2.50                    | Pass    |
|         | 5900            | 26000         | 11196                        | -40.77               | 0.084                    | 2.50                    | Pass    |
| High    | 30              | 5300          | 4575.4                       | -41.21               | 0.076                    | 2.50                    | Pass    |
|         | 5300            | 5460          | 5369.52                      | -33.22               | 0.476                    | 2.50                    | Pass    |
|         | 5460            | 5470          | 5462.09                      | -33.09               | 0.491                    | 12.50                   | Pass    |
|         | 5745            | 5765          | 5745.65                      | -22.28               | 5.916                    | 12.50                   | Pass    |
|         | 5765            | 5900          | 5766.01                      | -28.41               | 1.442                    | 2.50                    | Pass    |
|         | 5900            | 26000         | 6754                         | -42.98               | 0.050                    | 2.50                    | Pass    |

**5.6G, 802.11ac40**

| Channel | Frequency Range |               | Max.Emission<br>Located(MHz) | Max.Emission         |                          | Limit<br>( $\mu$ W/MHz) | Verdict |
|---------|-----------------|---------------|------------------------------|----------------------|--------------------------|-------------------------|---------|
|         | Start<br>(MHz)  | Stop<br>(MHz) |                              | Reading<br>(dBm/MHz) | Result<br>( $\mu$ W/MHz) |                         |         |
| Low     | 30              | 5300          | 4991.7                       | -42.58               | 0.055                    | 12.50                   | Pass    |
|         | 5300            | 5460          | 5456.40                      | -25.61               | 2.748                    | 12.50                   | Pass    |
|         | 5460            | 5470          | 5468.32                      | -17.69               | 17.022                   | 50                      | Pass    |
|         | 5770            | 5900          | 5850.02                      | -31.10               | 0.776                    | 12.50                   | Pass    |
|         | 5900            | 26000         | 6975                         | -43.61               | 0.044                    | 12.50                   | Pass    |
| Middle  | 30              | 5300          | 5107.6                       | -42.77               | 0.053                    | 12.50                   | Pass    |
|         | 5300            | 5460          | 5424.24                      | -31.93               | 0.641                    | 12.50                   | Pass    |
|         | 5460            | 5470          | 5467.70                      | -32.16               | 0.608                    | 50                      | Pass    |
|         | 5770            | 5900          | 5824.93                      | -31.07               | 0.782                    | 12.50                   | Pass    |
|         | 5900            | 26000         | 5930                         | -36.76               | 0.211                    | 12.50                   | Pass    |
| High    | 30              | 5300          | 4570.1                       | -43.13               | 0.049                    | 12.50                   | Pass    |
|         | 5300            | 5460          | 5367.92                      | -32.50               | 0.562                    | 12.50                   | Pass    |
|         | 5460            | 5470          | 5467.42                      | -32.69               | 0.538                    | 50                      | Pass    |
|         | 5770            | 5900          | 5775.78                      | -29.93               | 1.016                    | 12.50                   | Pass    |
|         | 5900            | 26000         | 6835                         | -44.03               | 0.040                    | 12.50                   | Pass    |

**5.6G, 802.11ax20**

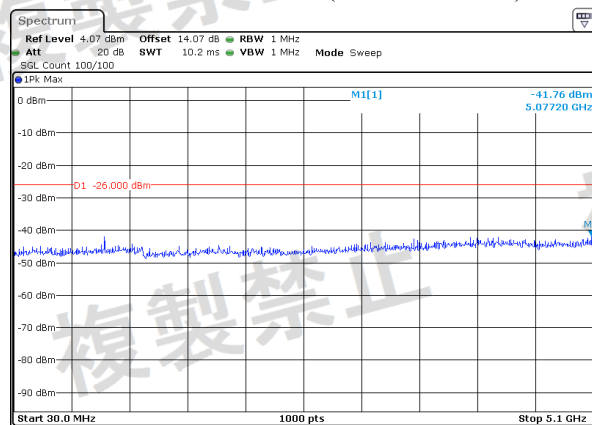
| Channel | Frequency Range |               | Max.Emission<br>Located(MHz) | Max.Emission         |                          | Limit<br>( $\mu$ W/MHz) | Verdict |
|---------|-----------------|---------------|------------------------------|----------------------|--------------------------|-------------------------|---------|
|         | Start<br>(MHz)  | Stop<br>(MHz) |                              | Reading<br>(dBm/MHz) | Result<br>( $\mu$ W/MHz) |                         |         |
| Low     | 30              | 5300          | 4164.3                       | -42.75               | 0.053                    | 2.50                    | Pass    |
|         | 5300            | 5460          | 5459.44                      | -29.97               | 1.007                    | 2.50                    | Pass    |
|         | 5460            | 5470          | 5464.69                      | -22.89               | 5.140                    | 12.50                   | Pass    |
|         | 5745            | 5765          | 5764.73                      | -30.95               | 0.804                    | 12.50                   | Pass    |
|         | 5765            | 5900          | 5781.67                      | -30.38               | 0.916                    | 2.50                    | Pass    |
|         | 5900            | 26000         | 10995                        | -42.12               | 0.061                    | 2.50                    | Pass    |
| Middle  | 30              | 5300          | 4754.6                       | -42.39               | 0.058                    | 2.50                    | Pass    |
|         | 5300            | 5460          | 5434.00                      | -31.83               | 0.656                    | 2.50                    | Pass    |
|         | 5460            | 5470          | 5468.15                      | -33.03               | 0.498                    | 12.50                   | Pass    |
|         | 5745            | 5765          | 5746.89                      | -30.76               | 0.839                    | 12.50                   | Pass    |
|         | 5765            | 5900          | 5794.77                      | -30.84               | 0.824                    | 2.50                    | Pass    |
|         | 5900            | 26000         | 11196                        | -42.01               | 0.063                    | 2.50                    | Pass    |
| High    | 30              | 5300          | 4575.4                       | -42.39               | 0.058                    | 2.50                    | Pass    |
|         | 5300            | 5460          | 5440.08                      | -32.07               | 0.621                    | 2.50                    | Pass    |
|         | 5460            | 5470          | 5463.76                      | -32.32               | 0.586                    | 12.50                   | Pass    |
|         | 5745            | 5765          | 5746.70                      | -22.60               | 5.495                    | 12.50                   | Pass    |
|         | 5765            | 5900          | 5872.93                      | -30.81               | 0.830                    | 2.50                    | Pass    |
|         | 5900            | 26000         | 6774                         | -43.82               | 0.041                    | 2.50                    | Pass    |

**5.6G, 802.11ax40**

| Channel | Frequency Range |               | Max.Emission<br>Located(MHz) | Max.Emission         |                          | Limit<br>( $\mu$ W/MHz) | Verdict |
|---------|-----------------|---------------|------------------------------|----------------------|--------------------------|-------------------------|---------|
|         | Start<br>(MHz)  | Stop<br>(MHz) |                              | Reading<br>(dBm/MHz) | Result<br>( $\mu$ W/MHz) |                         |         |
| Low     | 30              | 5300          | 4759.8                       | -42.96               | 0.051                    | 12.50                   | Pass    |
|         | 5300            | 5460          | 5458.32                      | -22.86               | 5.176                    | 12.50                   | Pass    |
|         | 5460            | 5470          | 5466.44                      | -18.91               | 12.853                   | 50                      | Pass    |
|         | 5770            | 5900          | 5874.72                      | -31.12               | 0.773                    | 12.50                   | Pass    |
|         | 5900            | 26000         | 6513                         | -42.22               | 0.060                    | 12.50                   | Pass    |
| Middle  | 30              | 5300          | 4470                         | -42.15               | 0.061                    | 12.50                   | Pass    |
|         | 5300            | 5460          | 5389.52                      | -32.89               | 0.514                    | 12.50                   | Pass    |
|         | 5460            | 5470          | 5469.69                      | -32.85               | 0.519                    | 50                      | Pass    |
|         | 5770            | 5900          | 5889.01                      | -31.04               | 0.787                    | 12.50                   | Pass    |
|         | 5900            | 26000         | 6774                         | -43.61               | 0.044                    | 12.50                   | Pass    |
| High    | 30              | 5300          | 4264.4                       | -42.67               | 0.054                    | 12.50                   | Pass    |
|         | 5300            | 5460          | 5394.00                      | -31.82               | 0.658                    | 12.50                   | Pass    |
|         | 5460            | 5470          | 5460.41                      | -32.78               | 0.527                    | 50                      | Pass    |
|         | 5770            | 5900          | 5781.11                      | -29.93               | 1.016                    | 12.50                   | Pass    |
|         | 5900            | 26000         | 6995                         | -44.11               | 0.039                    | 12.50                   | Pass    |

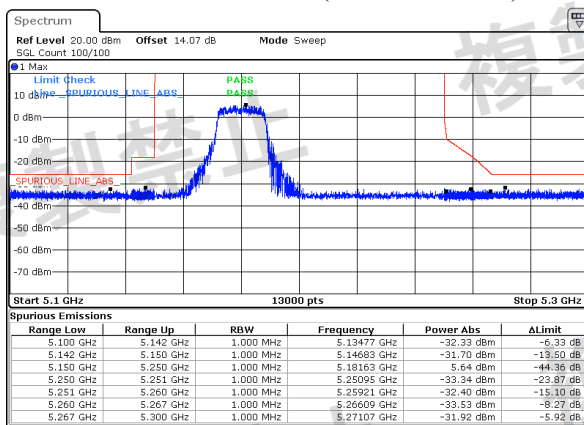
## W52, Test Condition: NV

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



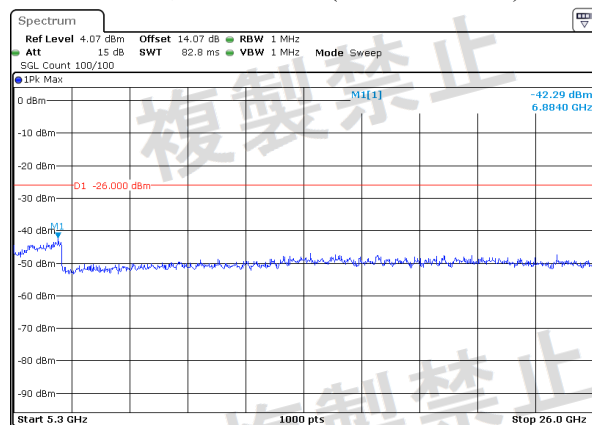
ProjectNo.:2501X20051E-RF Tester:Kungfumaster Liang  
Date: 29.SEP.2025 21:44:16

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



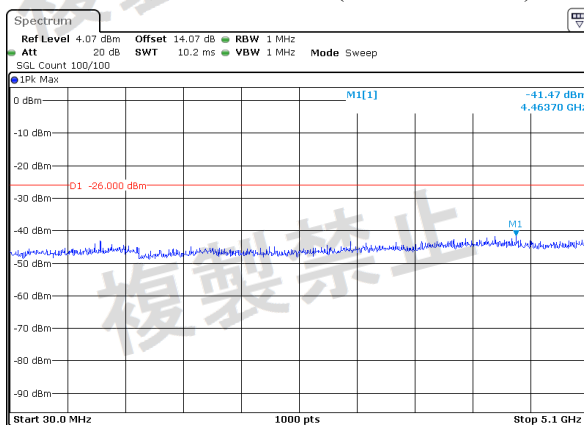
ProjectNo.:2501X20051E-RF Tester:Kungfumaster Liang  
Date: 29.SEP.2025 21:45:16

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



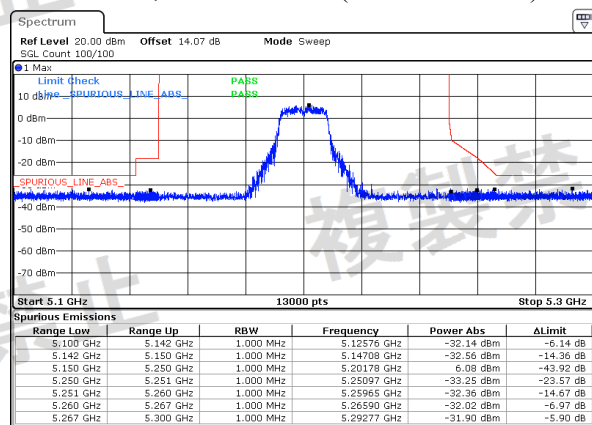
ProjectNo.:2501X20051E-RF Tester:Kungfumaster Liang  
Date: 29.SEP.2025 21:45:09

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



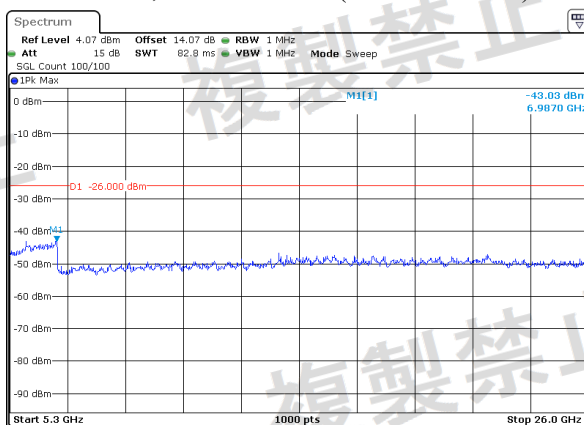
ProjectNo.:2501X20051E-RF Tester:Kungfumaster Liang  
Date: 29.SEP.2025 22:00:36

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



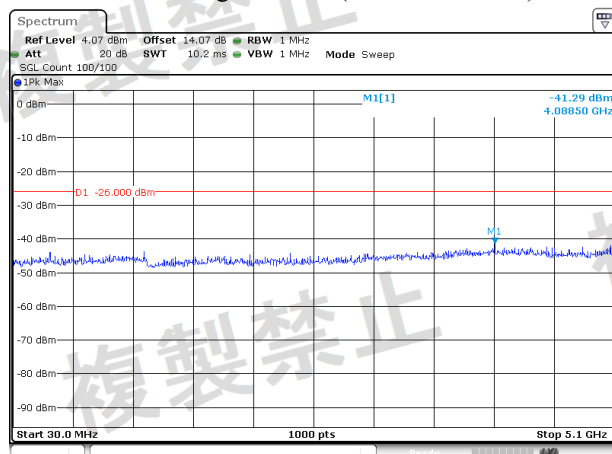
ProjectNo.:2501X20051E-RF Tester:Kungfumaster Liang  
Date: 29.SEP.2025 22:01:56

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



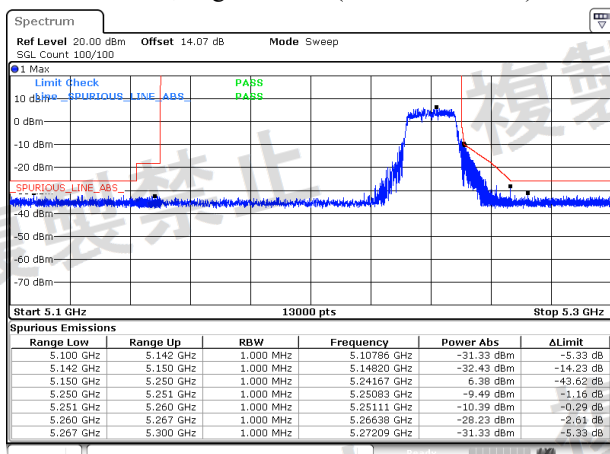
ProjectNo.:2501X20051E-RF Tester:Kungfumaster Liang  
Date: 29.SEP.2025 22:01:30

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



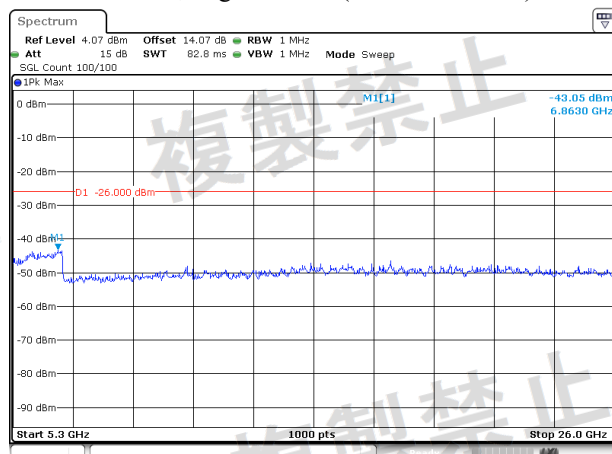
ProjectNo.:2501X20051E-RF Tester:Kungfumaater Liang  
Date: 29\_SEP.2025 22:11:39

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



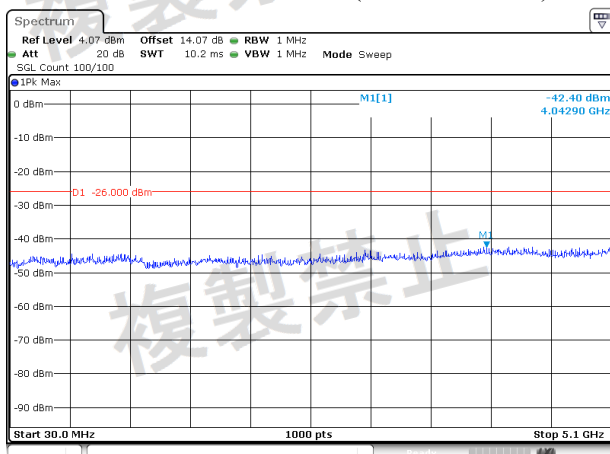
ProjectNo.:2501X20051E-RF Tester:Kungfumaater Liang  
Date: 29\_SEP.2025 22:12:59

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



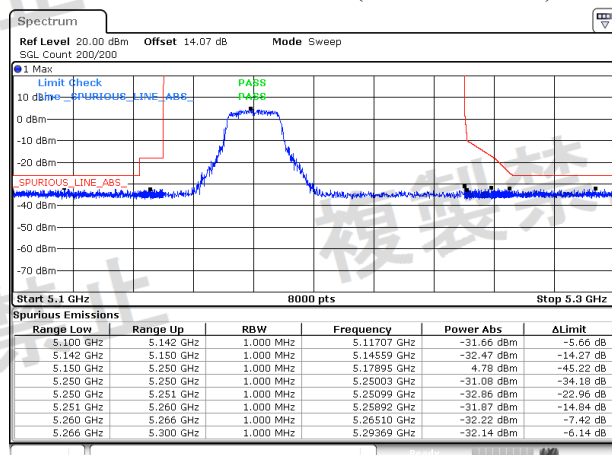
ProjectNo.:2501X20051E-RF Tester:Kungfumaater Liang  
Date: 29\_SEP.2025 22:12:33

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



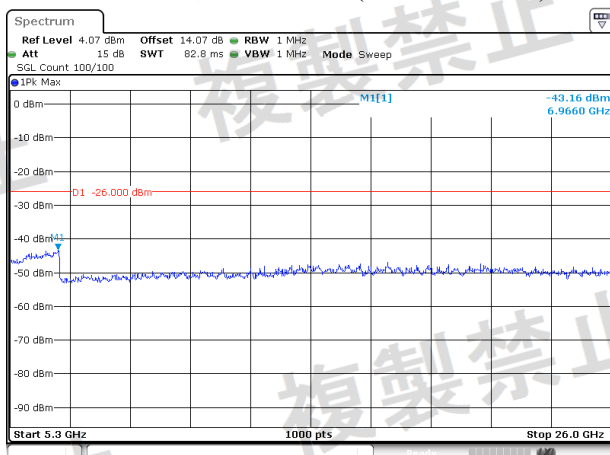
ProjectNo.:2501X20051E-RF Tester:Kungfumaater Liang  
Date: 29\_SEP.2025 22:37:03

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



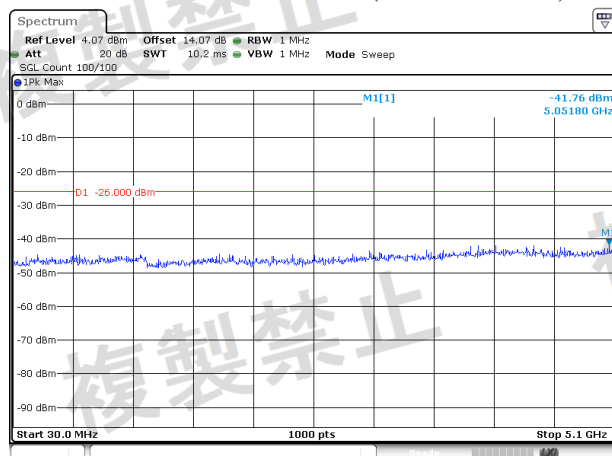
ProjectNo.:2501X20051E-RF Tester:Kungfumaater Liang  
Date: 29\_SEP.2025 22:38:34

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



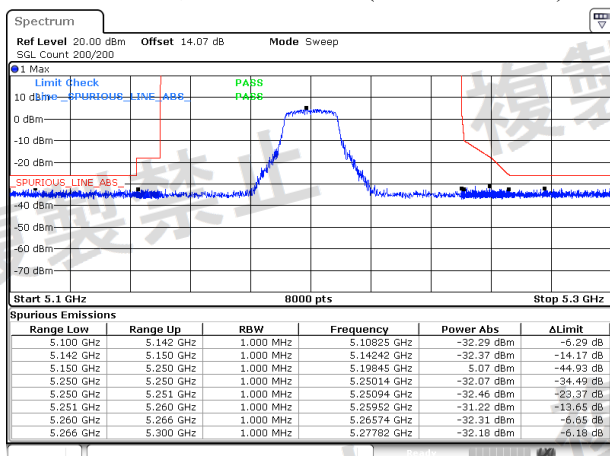
ProjectNo.:2501X20051E-RF Tester:Kungfumaater Liang  
Date: 29\_SEP.2025 22:37:57

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



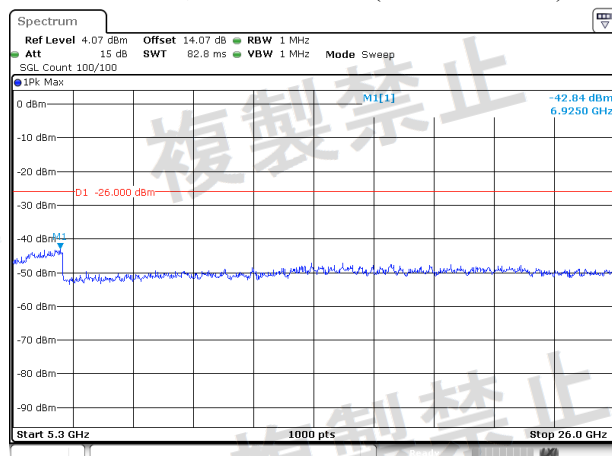
ProjectNo.:2501X20051E-RF Tester:Kungfumaater Liang  
Date: 29\_SEP.2025 22:47:58

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



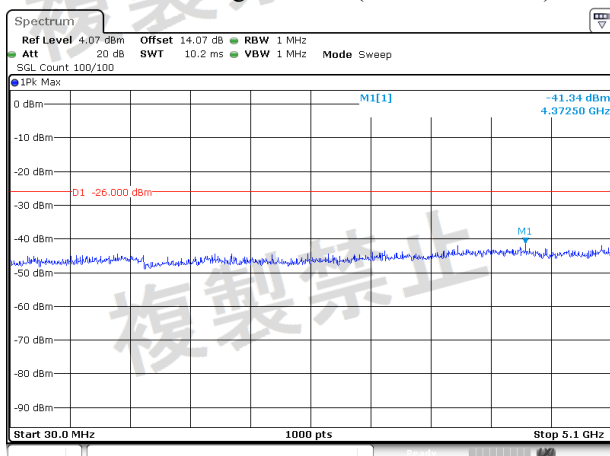
ProjectNo.:2501X20051E-RF Tester:Kungfumaater Liang  
Date: 29\_SEP.2025 22:49:28

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



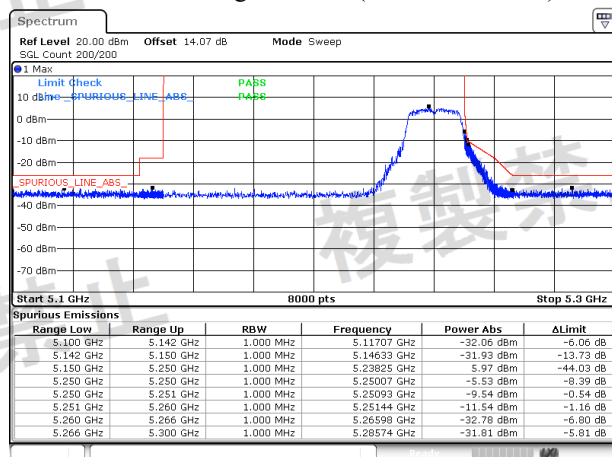
ProjectNo.:2501X20051E-RF Tester:Kungfumaater Liang  
Date: 29\_SEP.2025 22:48:51

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



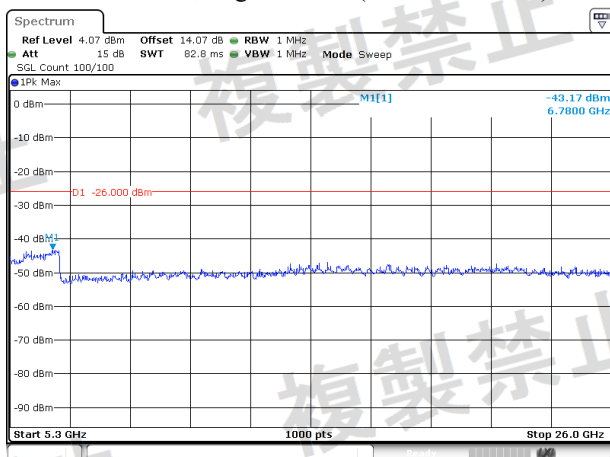
ProjectNo.:2501X20051E-RF Tester:Kungfumaater Liang  
Date: 29\_SEP.2025 22:25:37

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



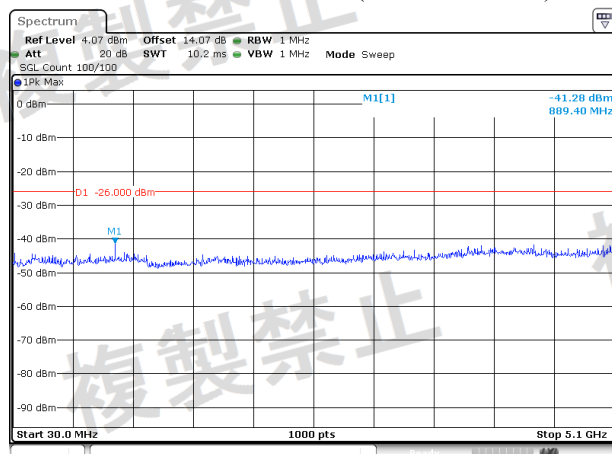
ProjectNo.:2501X20051E-RF Tester:Kungfumaater Liang  
Date: 29\_SEP.2025 22:27:07

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



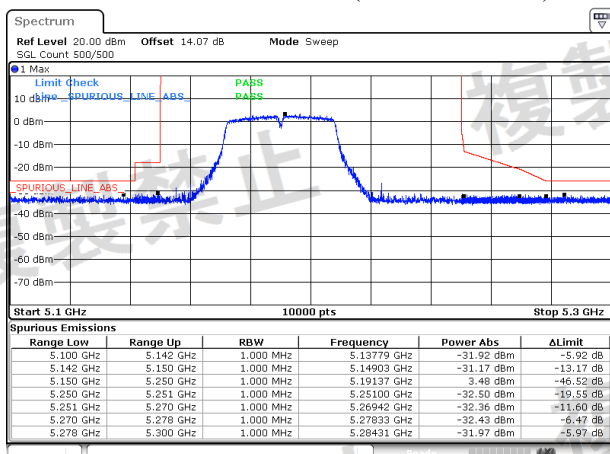
ProjectNo.:2501X20051E-RF Tester:Kungfumaater Liang  
Date: 29\_SEP.2025 22:26:30

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



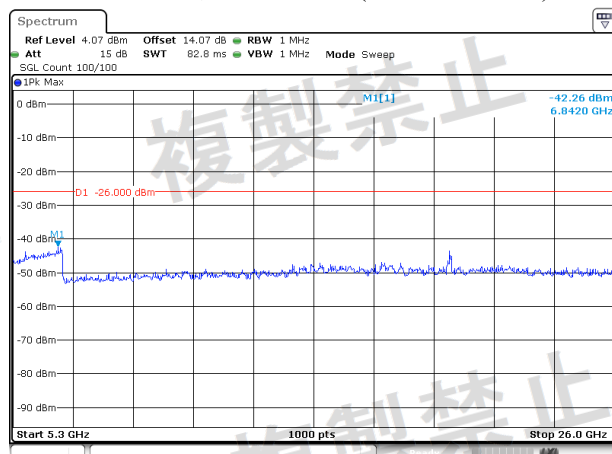
ProjectNo.:2501X20051E-RF Tester:Kungfumaaster Liang  
Date: 29\_SEP.2025 23:08:28

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



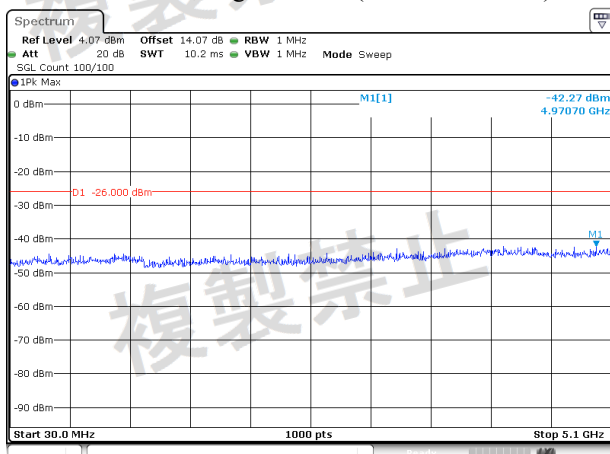
ProjectNo.:2501X20051E-RF Tester:Kungfumaaster Liang  
Date: 29\_SEP.2025 23:10:17

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



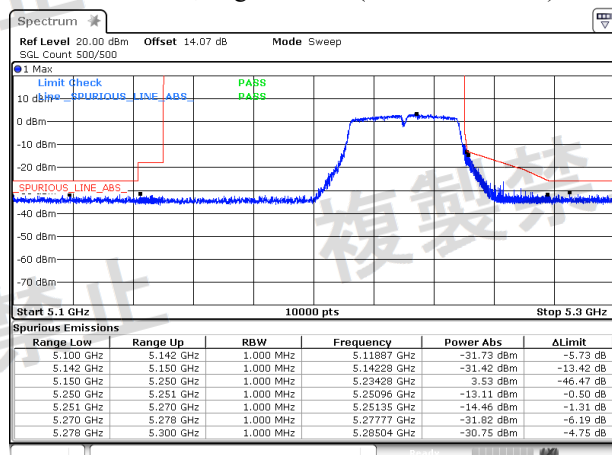
ProjectNo.:2501X20051E-RF Tester:Kungfumaaster Liang  
Date: 29\_SEP.2025 23:09:22

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



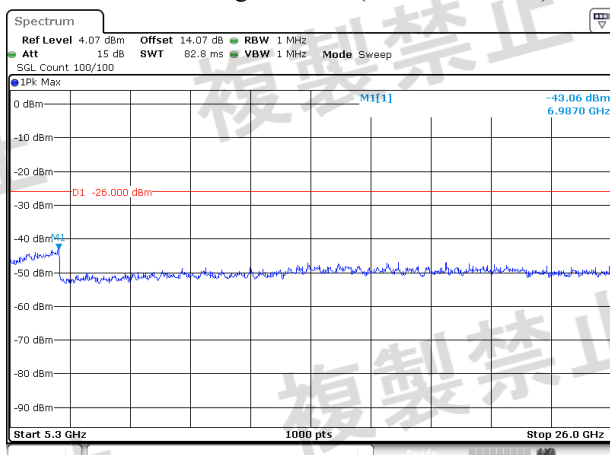
ProjectNo.:2501X20051E-RF Tester:Kungfumaaster Liang  
Date: 29\_SEP.2025 22:57:29

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



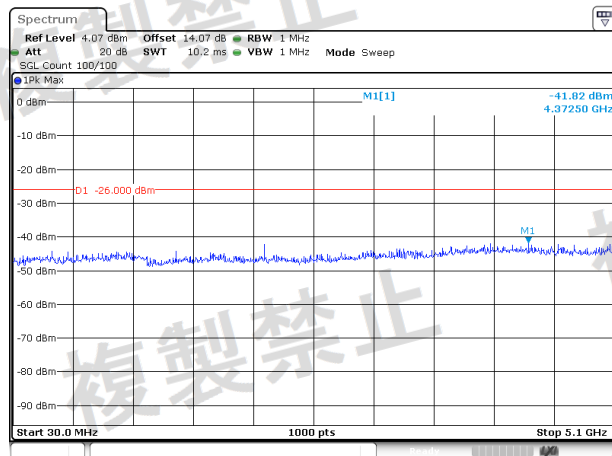
ProjectNo.:2501X20051E-RF Tester:Kungfumaaster Liang  
Date: 29\_SEP.2025 23:10:25

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



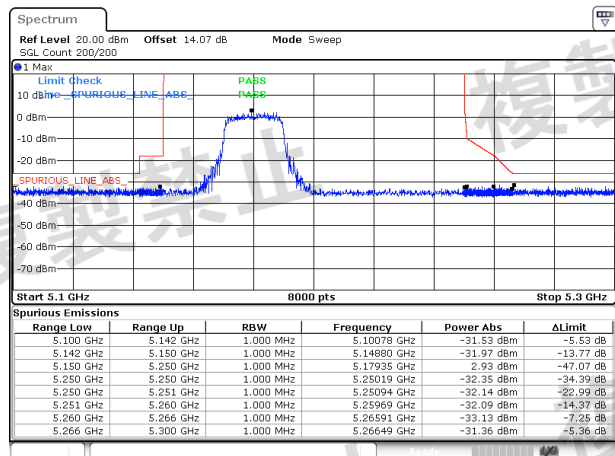
ProjectNo.:2501X20051E-RF Tester:Kungfumaaster Liang  
Date: 29\_SEP.2025 22:58:23

## 802.11ax20, Low Channel(30MHz~5.1GHz)



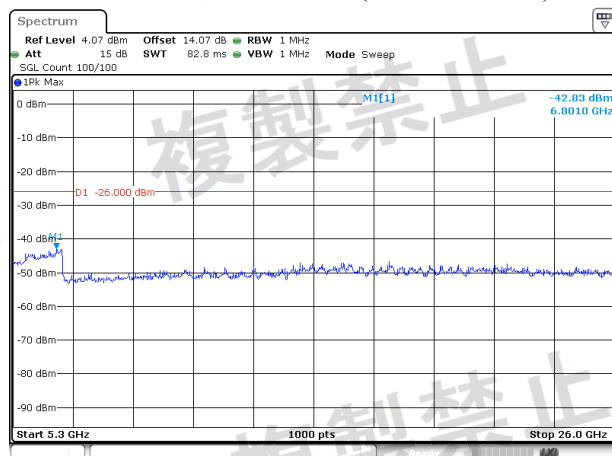
ProjectNo.:2501X20051E-RF Tester:Kungfumaater Liang  
Date: 30.SEP.2025 19:42:43

## 802.11ax20, Low Channel(5.1GHz~5.3GHz)



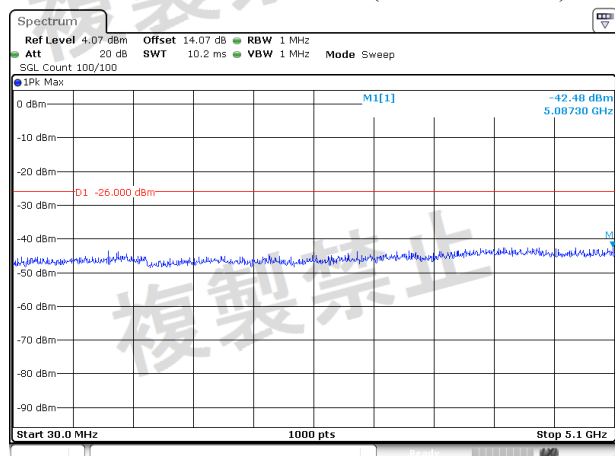
ProjectNo.:2501X20051E-RF Tester:Kungfumaater Liang  
Date: 30.SEP.2025 19:44:11

## 802.11ax20, Low Channel(5.3GHz~26GHz)



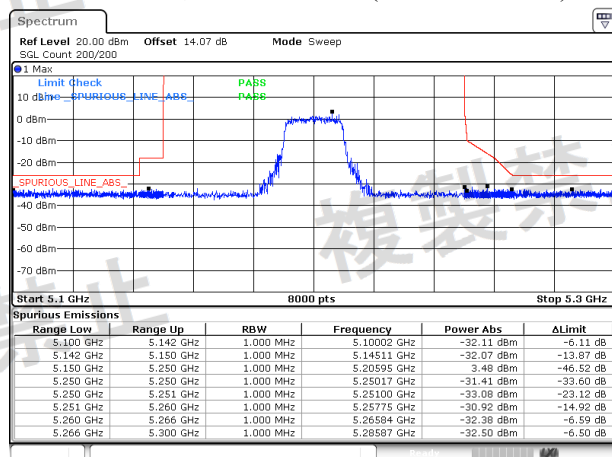
ProjectNo.:2501X20051E-RF Tester:Kungfumaater Liang  
Date: 30.SEP.2025 19:43:35

## 802.11ax20, Middle Channel(30MHz~5.1GHz)



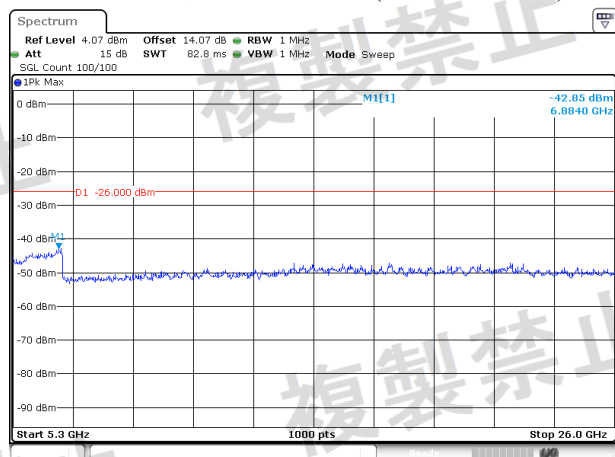
ProjectNo.:2501X20051E-RF Tester:Kungfumaater Liang  
Date: 30.SEP.2025 19:51:45

## 802.11ax20, Middle Channel(5.1GHz~5.3GHz)



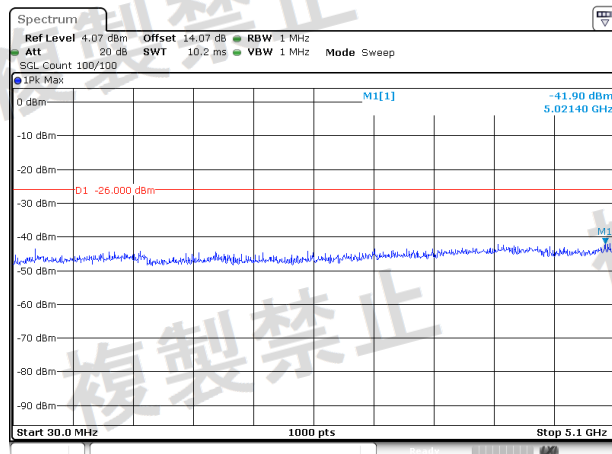
ProjectNo.:2501X20051E-RF Tester:Kungfumaater Liang  
Date: 30.SEP.2025 19:55:44

## 802.11ax20, Middle Channel(5.3GHz~26GHz)



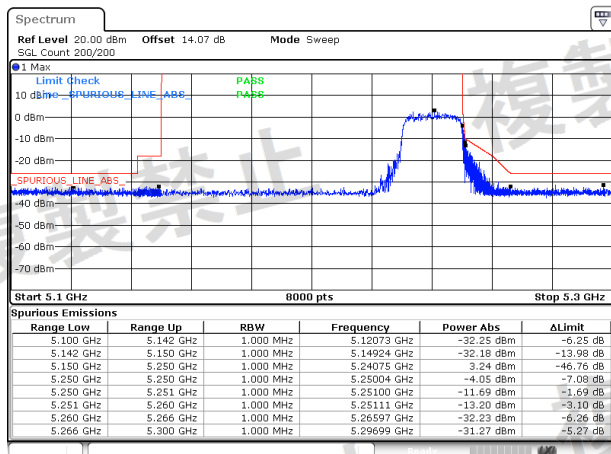
ProjectNo.:2501X20051E-RF Tester:Kungfumaater Liang  
Date: 30.SEP.2025 19:55:08

## 802.11ax20, High Channel(30MHz~5.1GHz)



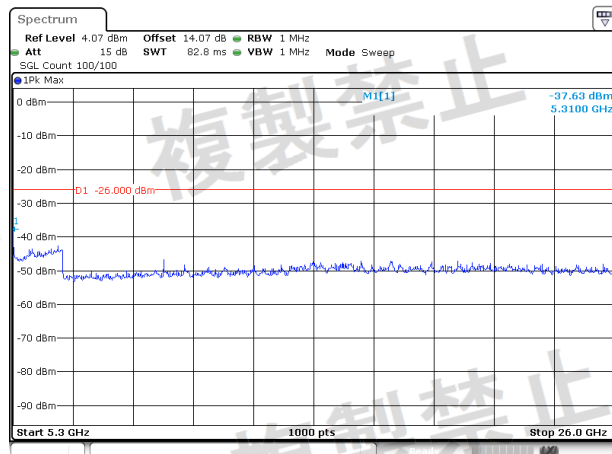
ProjectNo.:2501X20051E-RF Tester:Kungfumaaster Liang  
Date: 30\_SEP.2025 18:47:55

## 802.11ax20, High Channel(5.1GHz~5.3GHz)



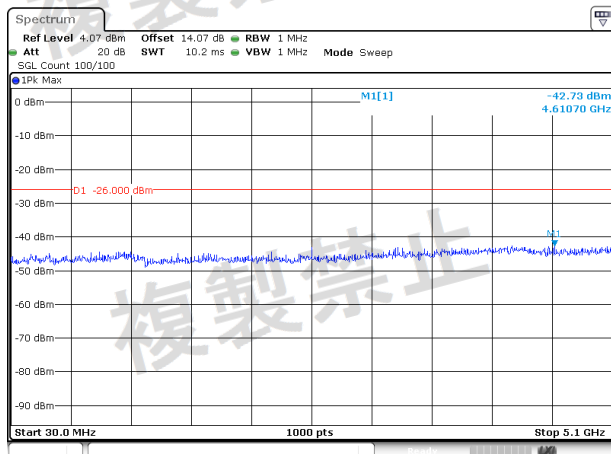
ProjectNo.:2501X20051E-RF Tester:Kungfumaaster Liang  
Date: 30\_SEP.2025 19:35:13

## 802.11ax20, High Channel(5.3GHz~26GHz)



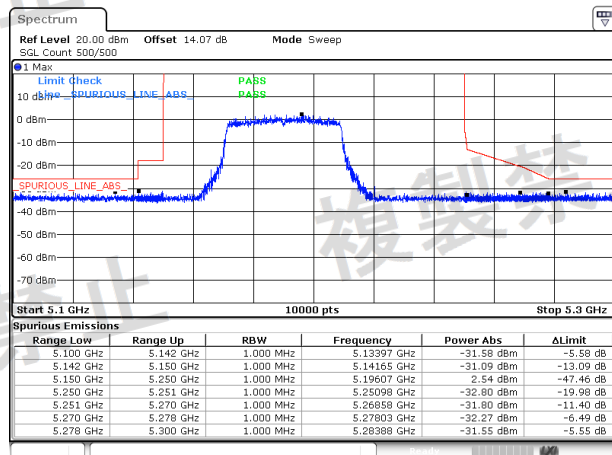
ProjectNo.:2501X20051E-RF Tester:Kungfumaaster Liang  
Date: 30\_SEP.2025 18:48:46

## 802.11ax40, Low Channel(30MHz~5.1GHz)



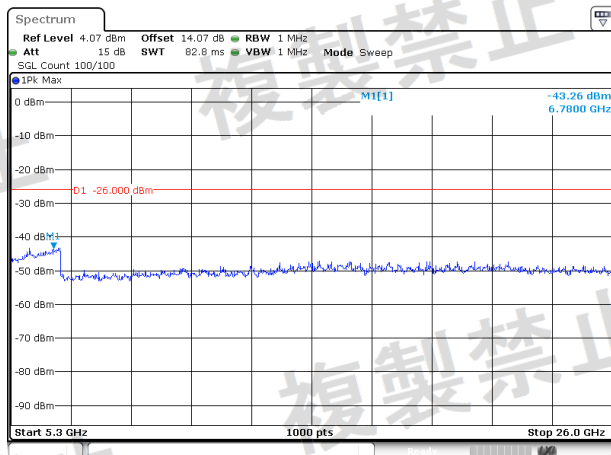
ProjectNo.:2501X20051E-RF Tester:Kungfumaaster Liang  
Date: 30\_SEP.2025 20:41:51

## 802.11ax40, Low Channel(5.1GHz~5.3GHz)



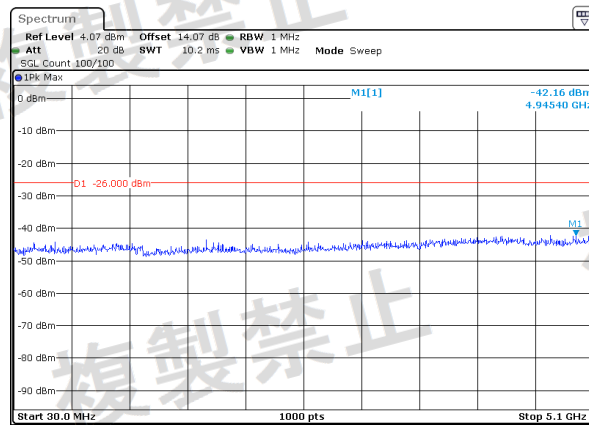
ProjectNo.:2501X20051E-RF Tester:Kungfumaaster Liang  
Date: 30\_SEP.2025 20:44:12

## 802.11ax40, Low Channel(5.3GHz~26GHz)



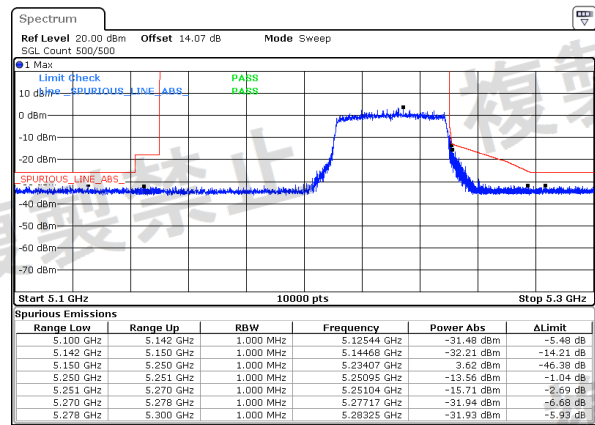
ProjectNo.:2501X20051E-RF Tester:Kungfumaaster Liang  
Date: 30\_SEP.2025 20:42:43

## 802.11ax40, High Channel(30MHz~5.1GHz)



ProjectNo.:2501X20051E-RF Tester:Kungfumaster Liang  
Date: 30.SEP.2025 20:22:29

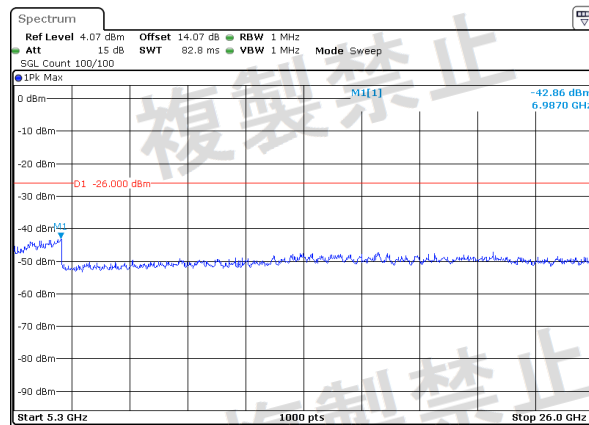
## 802.11ax40, High Channel(5.1GHz~5.3GHz)



ProjectNo.:2501X20051E-RF Tester:Kungfumaster Liang  
Date: 30.SEP.2025 20:37:52

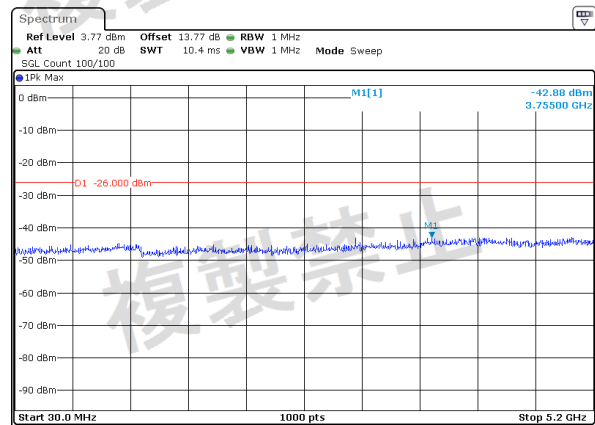
## W53, Test Condition: NV

## 802.11ax40, High Channel(5.3GHz~26GHz)



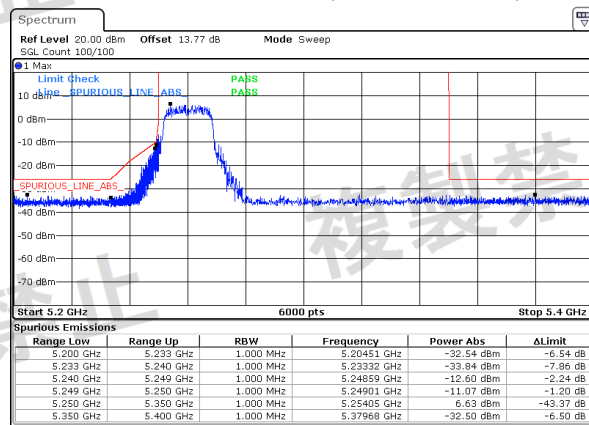
ProjectNo.:2501X20051E-RF Tester:Kungfumaster Liang  
Date: 30.SEP.2025 20:23:21

## 802.11a, Low Channel(30MHz~5.2GHz)



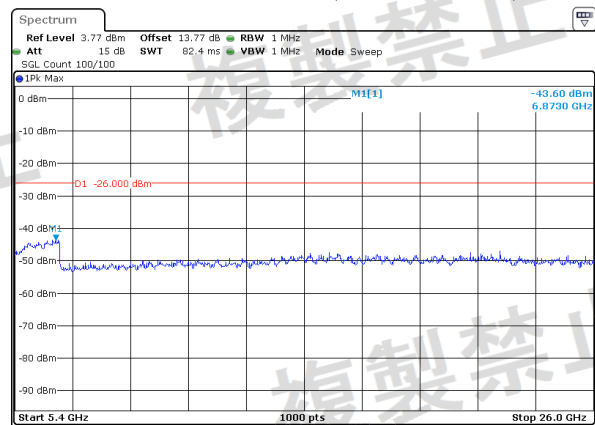
ProjectNo.:2501X20051E-RF Tester:Kungfumaster Liang  
Date: 29.SEP.2025 23:46:30

## 802.11a, Low Channel(5.2GHz~5.4GHz)



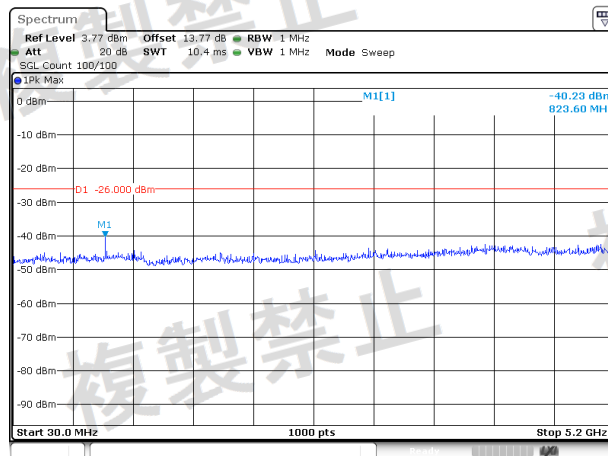
ProjectNo.:2501X20051E-RF Tester:Kungfumaster Liang  
Date: 29.SEP.2025 23:47:40

## 802.11a, Low Channel(5.4GHz~26GHz)



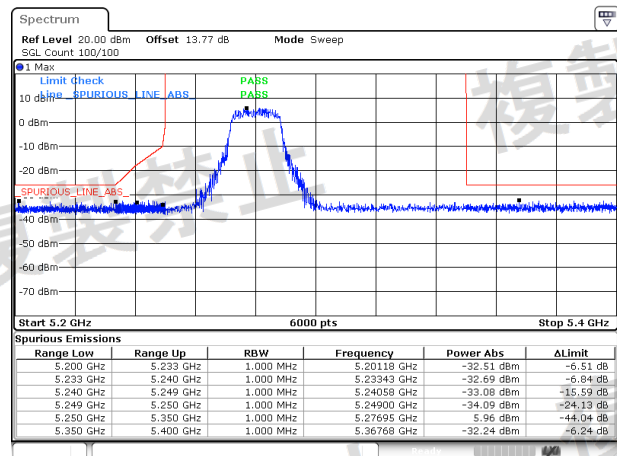
ProjectNo.:2501X20051E-RF Tester:Kungfumaster Liang  
Date: 29.SEP.2025 23:47:23

## 802.11a, Middle Channel(30MHz~5.2GHz)



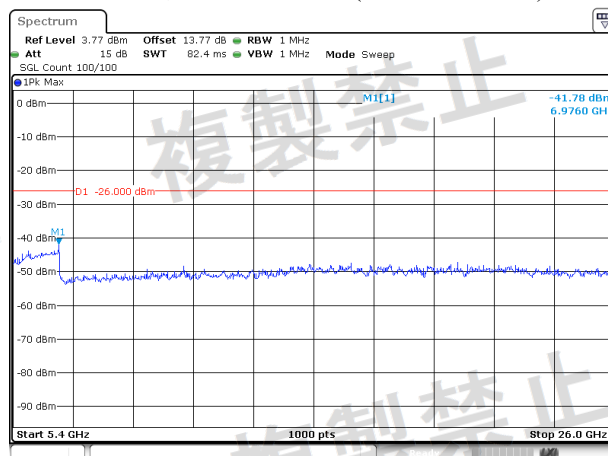
ProjectNo.:2501X20051E-RF Tester:Kungfumaaster Liang  
Date: 29\_SEP.2025 23:57:10

## 802.11a, Middle Channel(5.2GHz~5.4GHz)



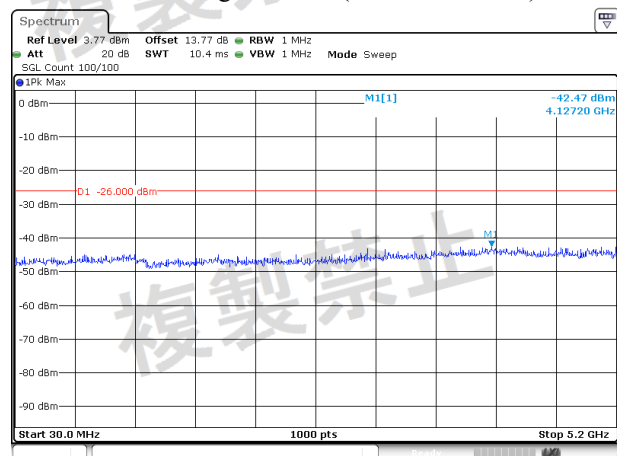
ProjectNo.:2501X20051E-RF Tester:Kungfumaaster Liang  
Date: 29\_SEP.2025 23:58:21

## 802.11a, Middle Channel(5.4GHz~26GHz)



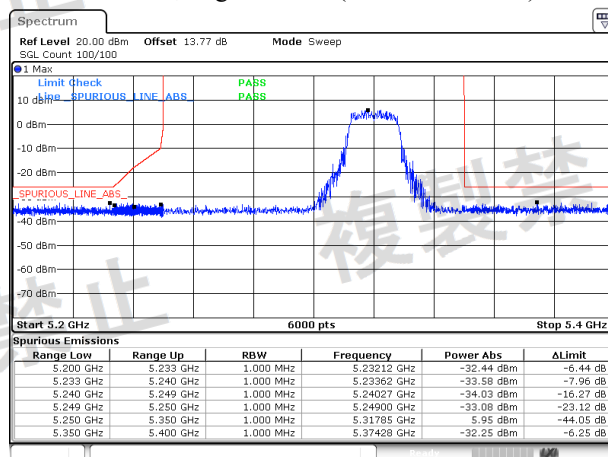
ProjectNo.:2501X20051E-RF Tester:Kungfumaaster Liang  
Date: 29\_SEP.2025 23:58:04

## 802.11a, High Channel(30MHz~5.2GHz)



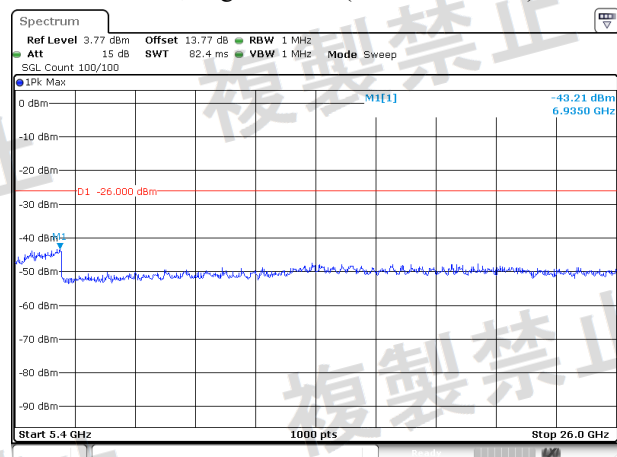
ProjectNo.:2501X20051E-RF Tester:Kungfumaaster Liang  
Date: 30\_SEP.2025 00:04:45

## 802.11a, High Channel(5.2GHz~5.4GHz)



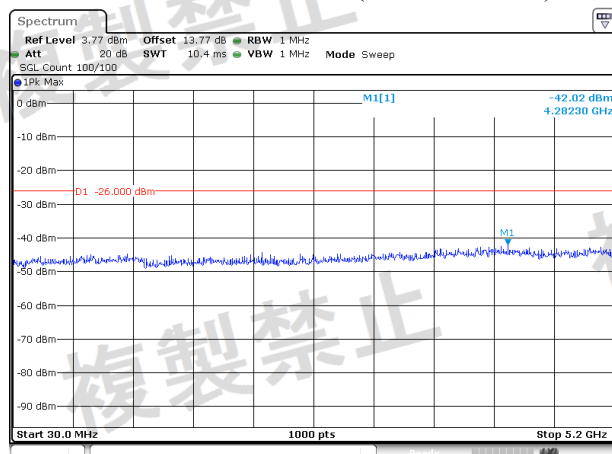
ProjectNo.:2501X20051E-RF Tester:Kungfumaaster Liang  
Date: 30\_SEP.2025 00:05:55

## 802.11a, High Channel(5.4GHz~26GHz)



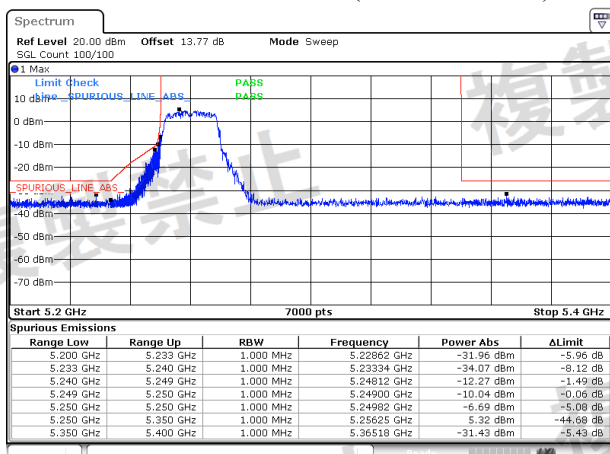
ProjectNo.:2501X20051E-RF Tester:Kungfumaaster Liang  
Date: 30\_SEP.2025 00:05:38

## 802.11ac20, Low Channel(30MHz~5.2GHz)



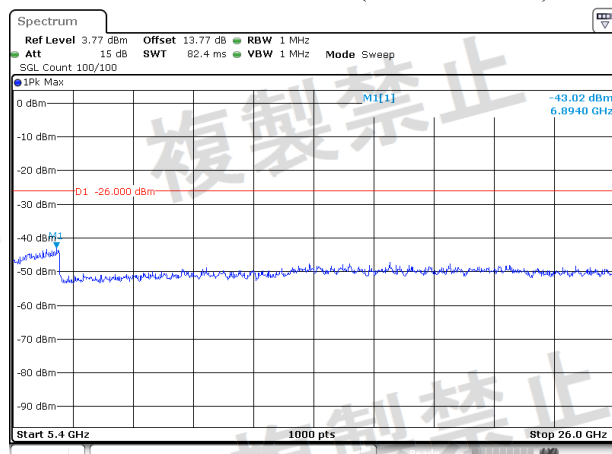
ProjectNo.:2501X20051E-RF Tester:Kungfumaaster Liang  
Date: 30.SEP.2025 00:12:11

## 802.11ac20, Low Channel(5.2GHz~5.4GHz)



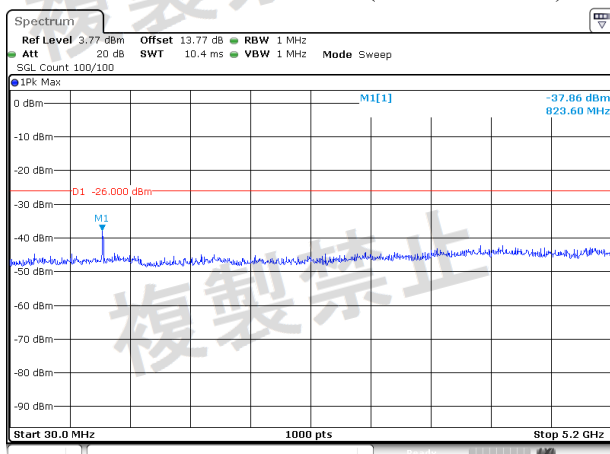
ProjectNo.:2501X20051E-RF Tester:Kungfumaaster Liang  
Date: 30.SEP.2025 00:13:31

## 802.11ac20, Low Channel(5.4GHz~26GHz)



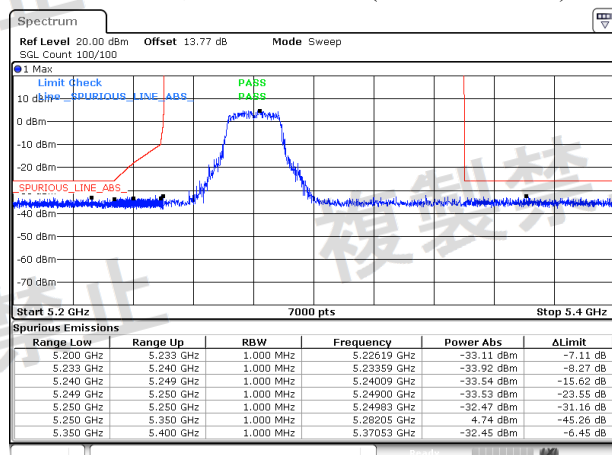
ProjectNo.:2501X20051E-RF Tester:Kungfumaaster Liang  
Date: 30.SEP.2025 00:13:05

## 802.11ac20, Middle Channel(30MHz~5.2GHz)



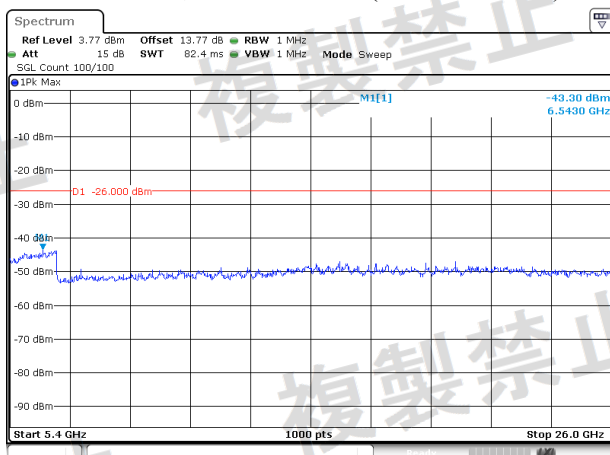
ProjectNo.:2501X20051E-RF Tester:Kungfumaaster Liang  
Date: 30.SEP.2025 00:24:40

## 802.11ac20, Middle Channel(5.2GHz~5.4GHz)



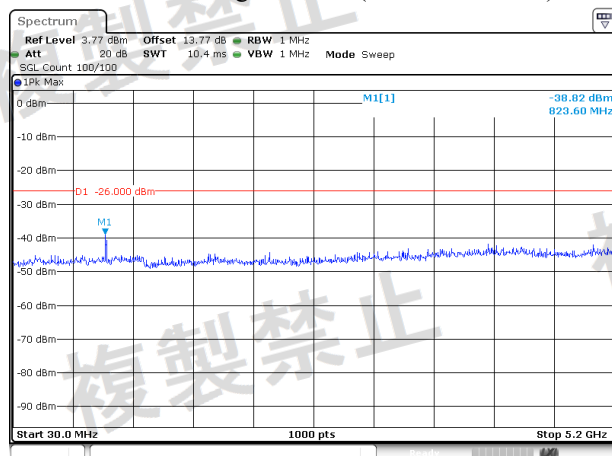
ProjectNo.:2501X20051E-RF Tester:Kungfumaaster Liang  
Date: 30.SEP.2025 00:26:04

## 802.11ac20, Middle Channel(5.4GHz~26GHz)



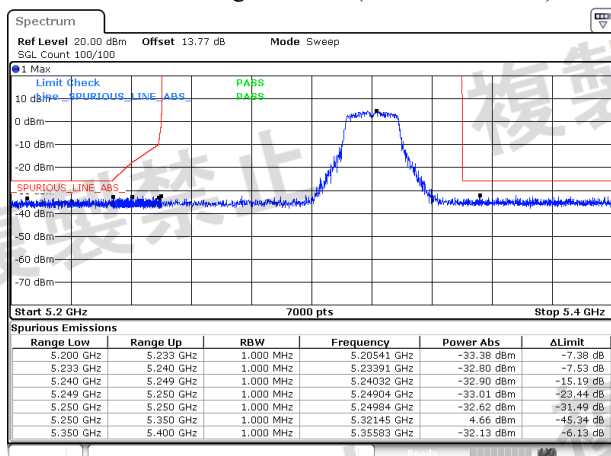
ProjectNo.:2501X20051E-RF Tester:Kungfumaaster Liang  
Date: 30.SEP.2025 00:25:35

## 802.11ac20, High Channel(30MHz~5.2GHz)



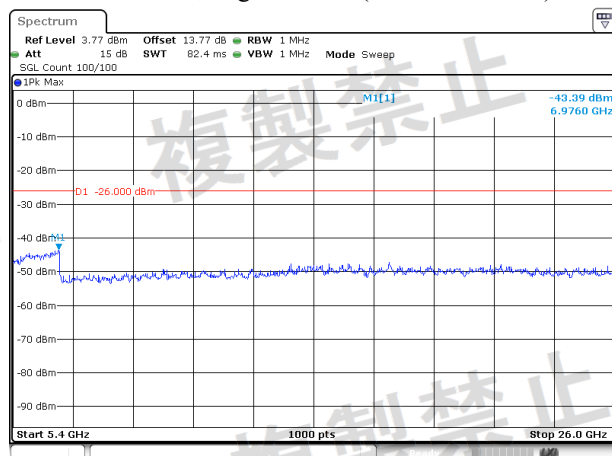
ProjectNo.:2501X20051E-RF Tester:Kungfumaister Liang  
Date: 30.SEP.2025 00:43:33

## 802.11ac20, High Channel(5.2GHz~5.4GHz)



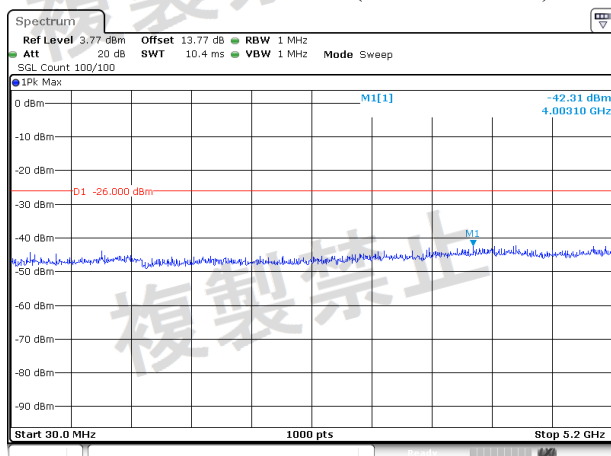
ProjectNo.:2501X20051E-RF Tester:Kungfumaister Liang  
Date: 30.SEP.2025 00:44:17

## 802.11ac20, High Channel(5.4GHz~26GHz)



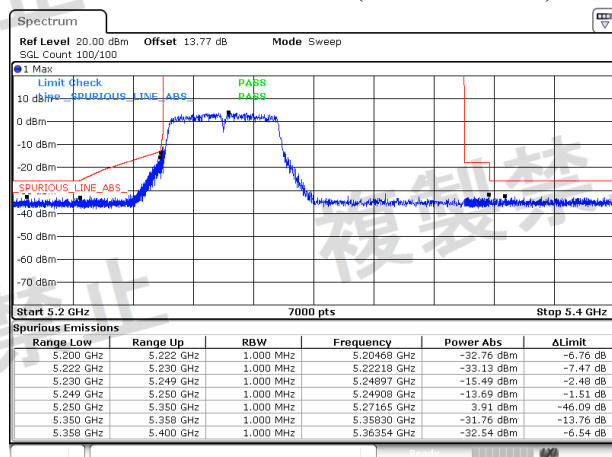
ProjectNo.:2501X20051E-RF Tester:Kungfumaister Liang  
Date: 30.SEP.2025 00:44:27

## 802.11ac40, Low Channel(30MHz~5.2GHz)



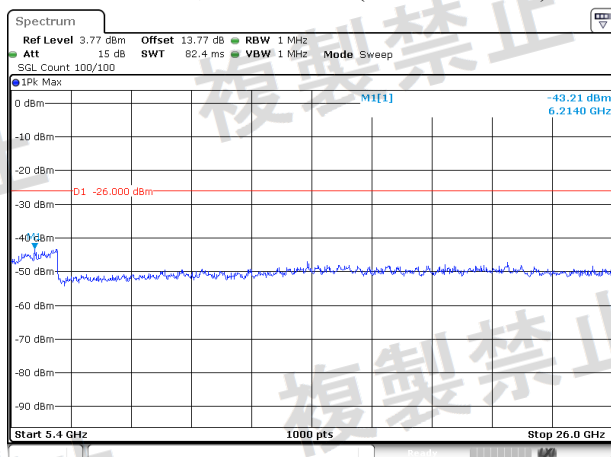
ProjectNo.:2501X20051E-RF Tester:Kungfumaister Liang  
Date: 30.SEP.2025 00:52:43

## 802.11ac40, Low Channel(5.2GHz~5.4GHz)



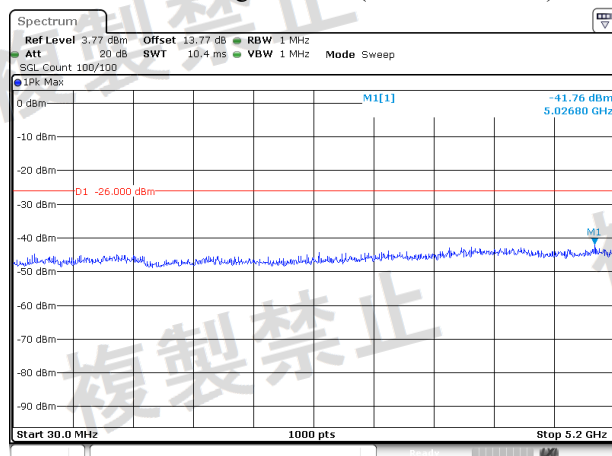
ProjectNo.:2501X20051E-RF Tester:Kungfumaister Liang  
Date: 30.SEP.2025 00:53:58

## 802.11ac40, Low Channel(5.4GHz~26GHz)



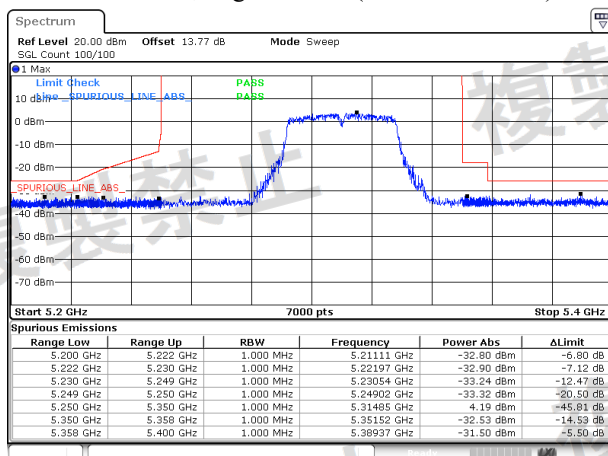
ProjectNo.:2501X20051E-RF Tester:Kungfumaister Liang  
Date: 30.SEP.2025 00:53:37

## 802.11ac40, High Channel(30MHz~5.2GHz)



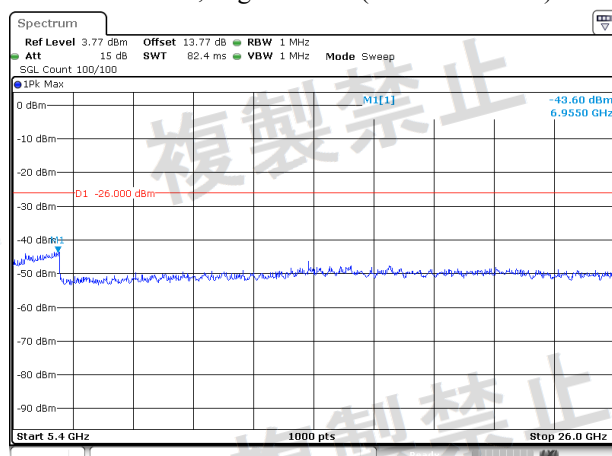
ProjectNo.:2501X20051E-RF Tester:Kungfumaater Liang  
Date: 30.SEP.2025 01:00:17

## 802.11ac40, High Channel(5.2GHz~5.4GHz)



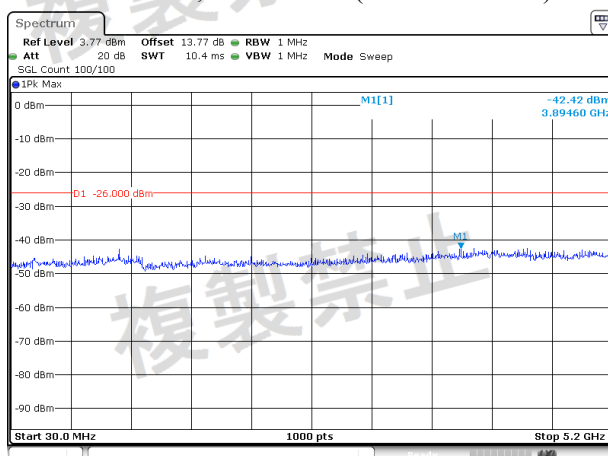
ProjectNo.:2501X20051E-RF Tester:Kungfumaater Liang  
Date: 30.SEP.2025 01:01:31

## 802.11ac40, High Channel(5.4GHz~26GHz)



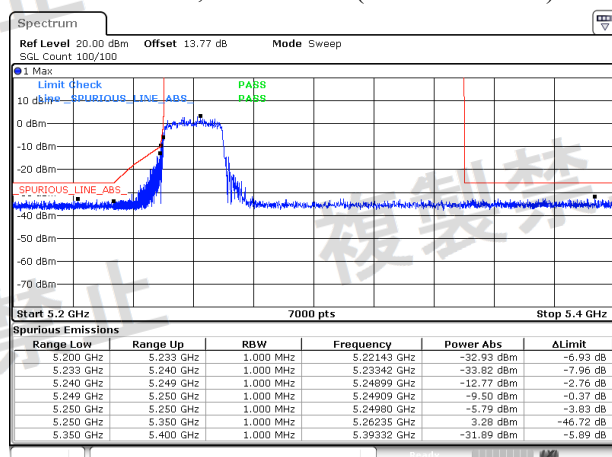
ProjectNo.:2501X20051E-RF Tester:Kungfumaater Liang  
Date: 30.SEP.2025 01:01:11

## 802.11ax20, Low Channel(30MHz~5.2GHz)



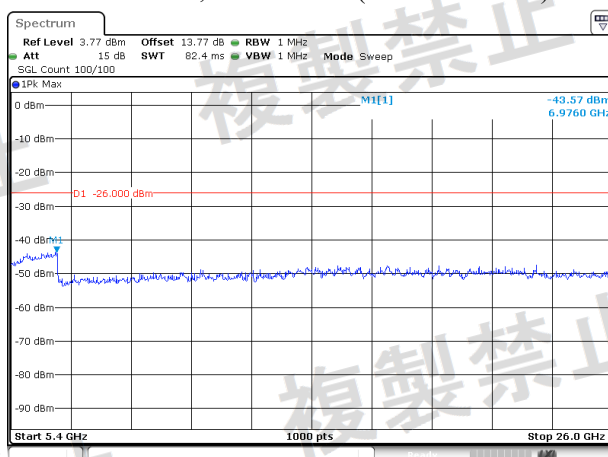
ProjectNo.:2501X20051E-RF Tester:Kungfumaater Liang  
Date: 30.SEP.2025 20:57:09

## 802.11ax20, Low Channel(5.2GHz~5.4GHz)



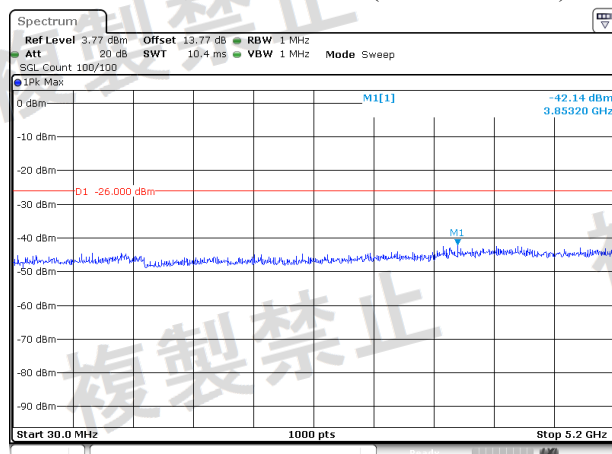
ProjectNo.:2501X20051E-RF Tester:Kungfumaater Liang  
Date: 30.SEP.2025 20:58:22

## 802.11ax20, Low Channel(5.4GHz~26GHz)



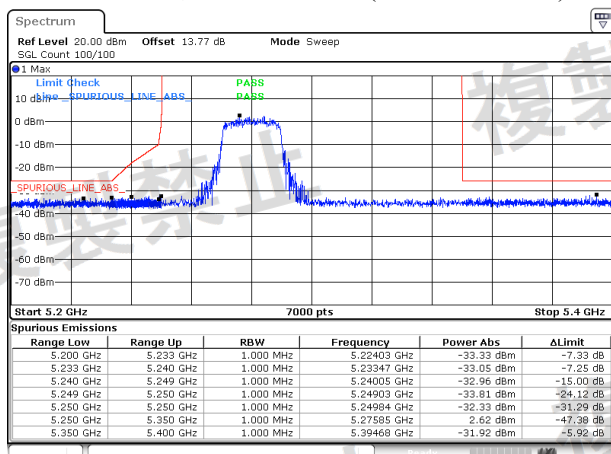
ProjectNo.:2501X20051E-RF Tester:Kungfumaater Liang  
Date: 30.SEP.2025 20:58:01

## 802.11ax20, Middle Channel(30MHz~5.2GHz)



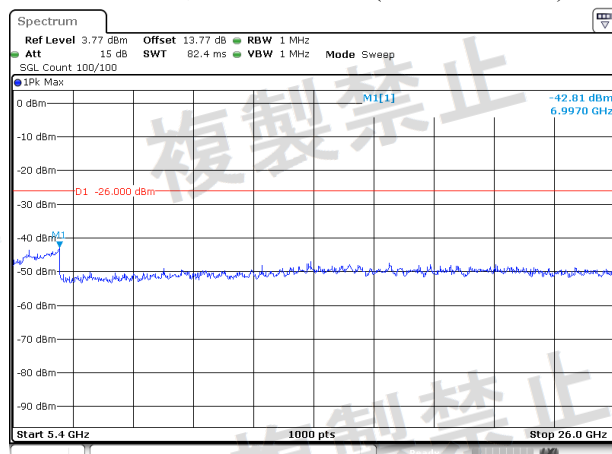
ProjectNo.:2501X20051E-RF Tester:Kungfumaaster Liang  
Date: 30\_SEP.2025 21:07:30

## 802.11ax20, Middle Channel(5.2GHz~5.4GHz)



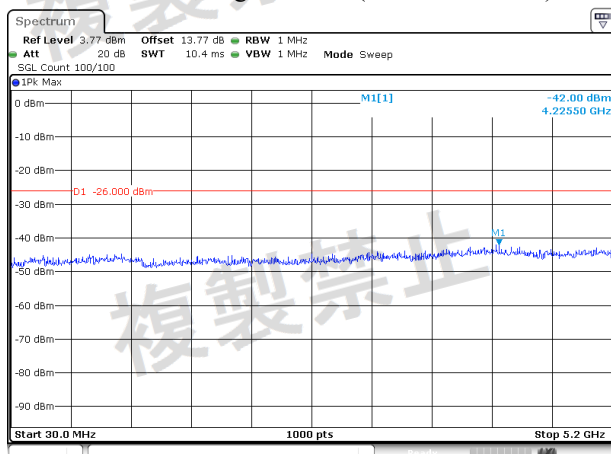
ProjectNo.:2501X20051E-RF Tester:Kungfumaaster Liang  
Date: 30\_SEP.2025 21:08:42

## 802.11ax20, Middle Channel(5.4GHz~26GHz)



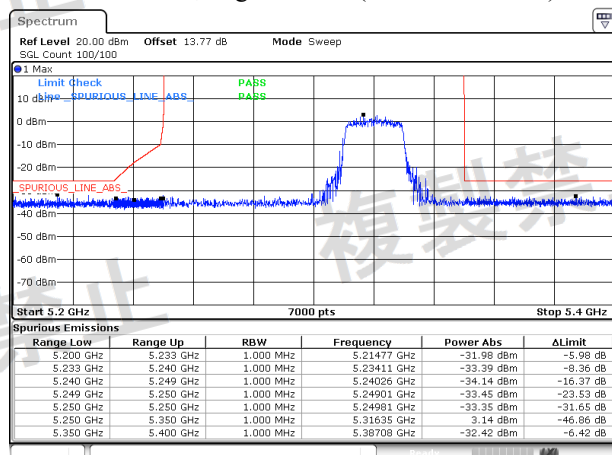
ProjectNo.:2501X20051E-RF Tester:Kungfumaaster Liang  
Date: 30\_SEP.2025 21:08:22

## 802.11ax20, High Channel(30MHz~5.2GHz)



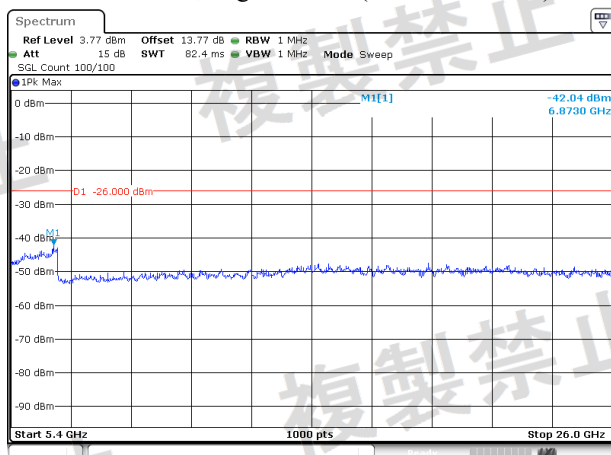
ProjectNo.:2501X20051E-RF Tester:Kungfumaaster Liang  
Date: 30\_SEP.2025 21:15:08

## 802.11ax20, High Channel(5.2GHz~5.4GHz)



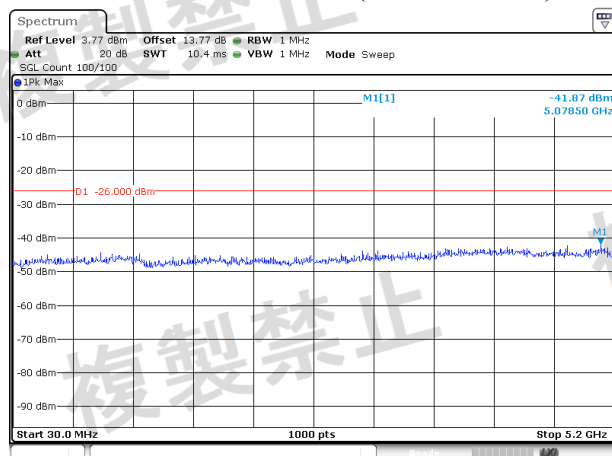
ProjectNo.:2501X20051E-RF Tester:Kungfumaaster Liang  
Date: 30\_SEP.2025 21:16:21

## 802.11ax20, High Channel(5.4GHz~26GHz)



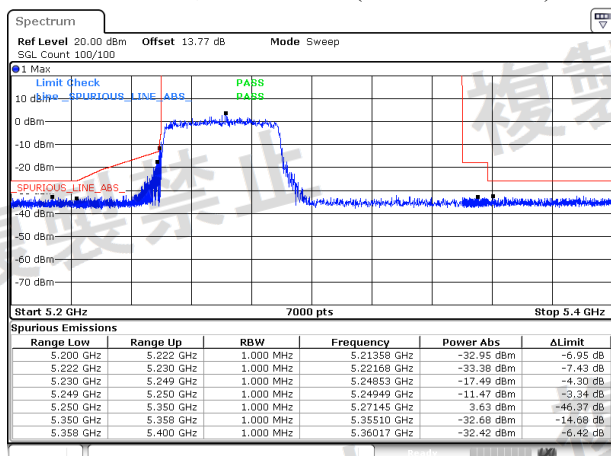
ProjectNo.:2501X20051E-RF Tester:Kungfumaaster Liang  
Date: 30\_SEP.2025 21:16:00

## 802.11ax40, Low Channel(30MHz~5.2GHz)



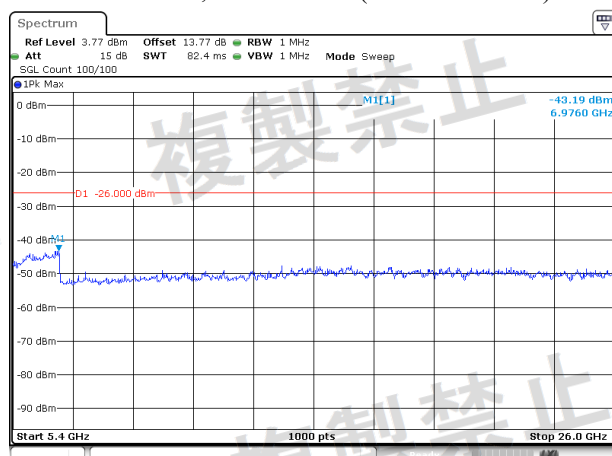
ProjectNo.:2501X20051E-RF Tester:Kungfumaater Liang  
Date: 30,SEP,2025 21:31:33

## 802.11ax40, Low Channel(5.2GHz~5.4GHz)



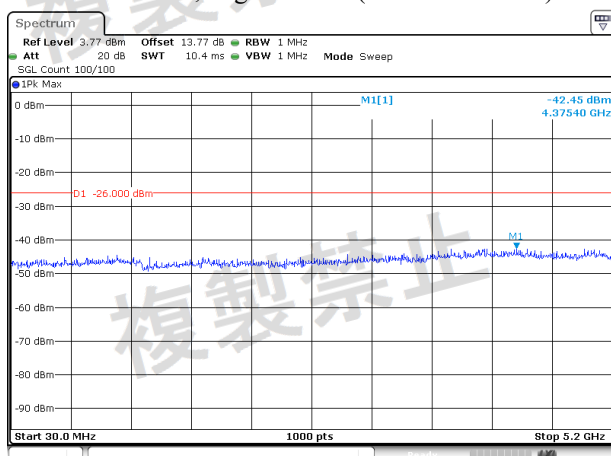
ProjectNo.:2501X20051E-RF Tester:Kungfumaater Liang  
Date: 30,SEP,2025 21:32:16

## 802.11ax40, Low Channel(5.4GHz~26GHz)



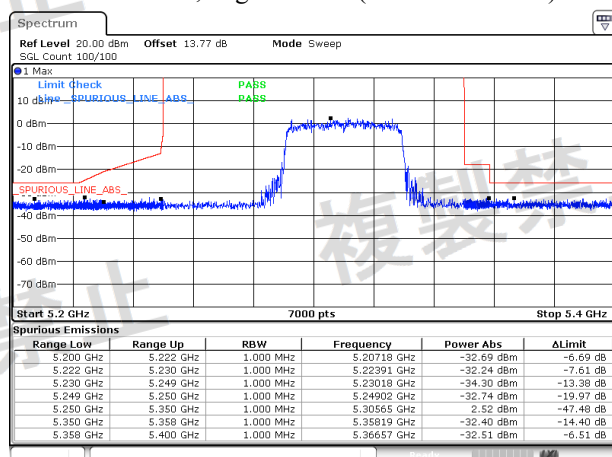
ProjectNo.:2501X20051E-RF Tester:Kungfumaater Liang  
Date: 30,SEP,2025 21:32:25

## 802.11ax40, High Channel(30MHz~5.2GHz)



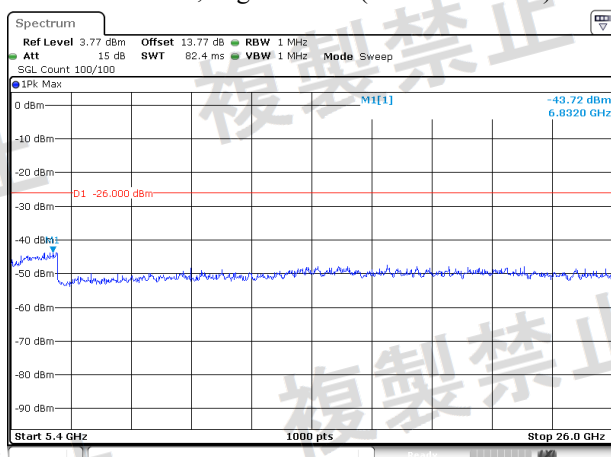
ProjectNo.:2501X20051E-RF Tester:Kungfumaater Liang  
Date: 30,SEP,2025 21:38:23

## 802.11ax40, High Channel(5.2GHz~5.4GHz)



ProjectNo.:2501X20051E-RF Tester:Kungfumaater Liang  
Date: 30,SEP,2025 21:39:36

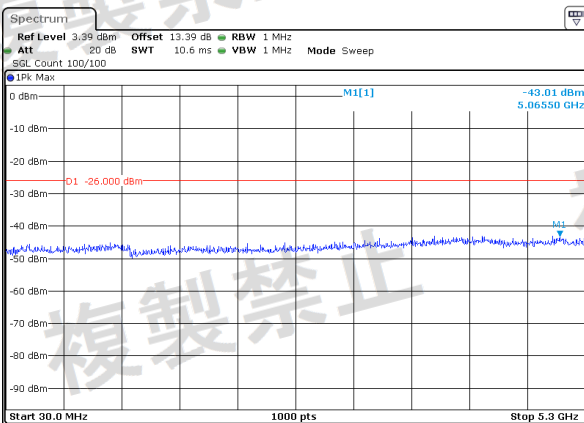
## 802.11ax40, High Channel(5.4GHz~26GHz)



ProjectNo.:2501X20051E-RF Tester:Kungfumaater Liang  
Date: 30,SEP,2025 21:39:15

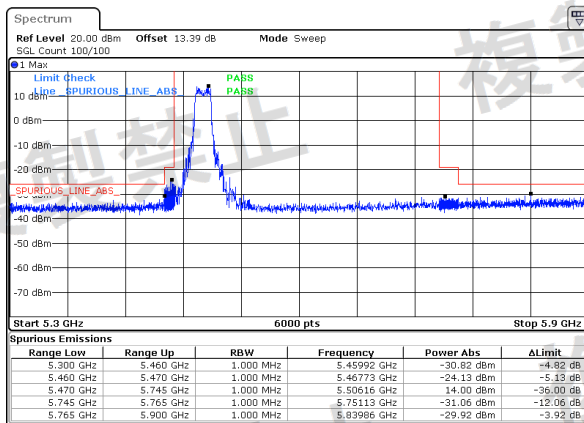
## W56, Test Condition: NV

## 802.11a, Low Channel(30MHz~5.3GHz)



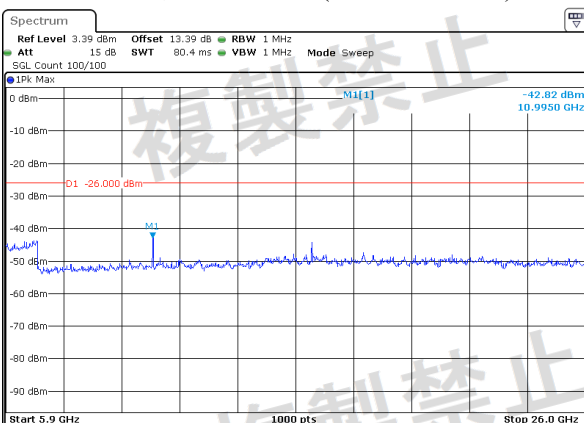
ProjectNo.:2501X20051E-RF Tester:Kungfumaster Liang  
Date: 30.SEP.2025 01:41:52

## 802.11a, Low Channel(5.3GHz~5.9GHz)



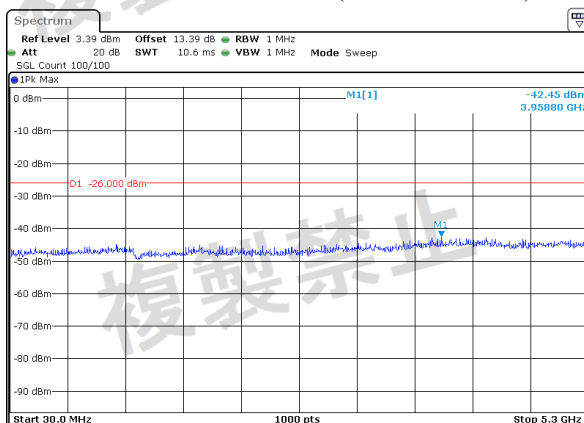
ProjectNo.:2501X20051E-RF Tester:Kungfumaster Liang  
Date: 30.SEP.2025 01:43:03

## 802.11a, Low Channel(5.9GHz~26GHz)



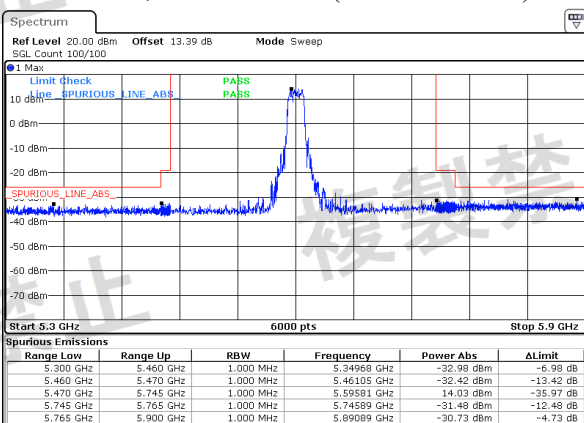
ProjectNo.:2501X20051E-RF Tester:Kungfumaster Liang  
Date: 30.SEP.2025 01:42:46

## 802.11a, Middle Channel(30MHz~5.3GHz)



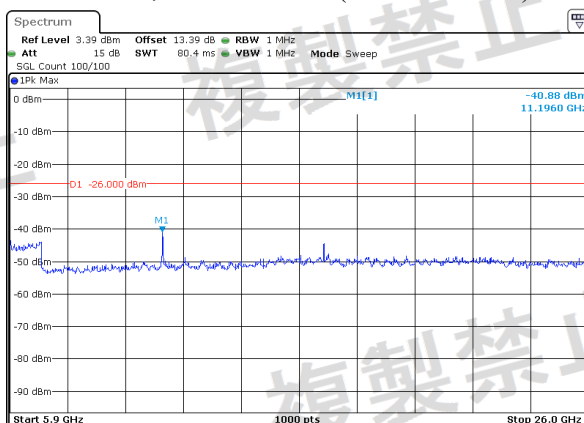
ProjectNo.:2501X20051E-RF Tester:Kungfumaster Liang  
Date: 30.SEP.2025 01:49:57

## 802.11a, Middle Channel(5.3GHz~5.9GHz)



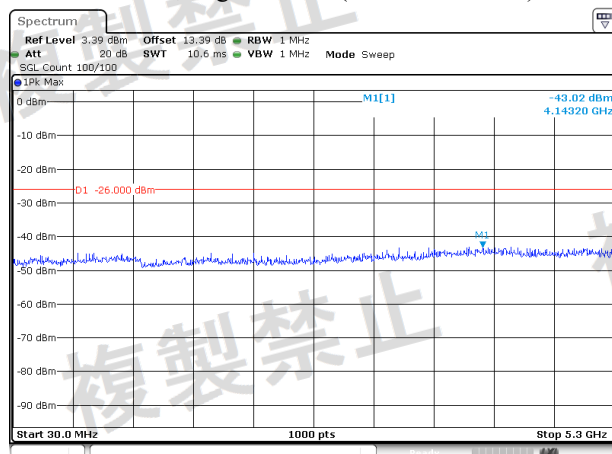
ProjectNo.:2501X20051E-RF Tester:Kungfumaster Liang  
Date: 30.SEP.2025 01:51:32

## 802.11a, Middle Channel(5.9GHz~26GHz)



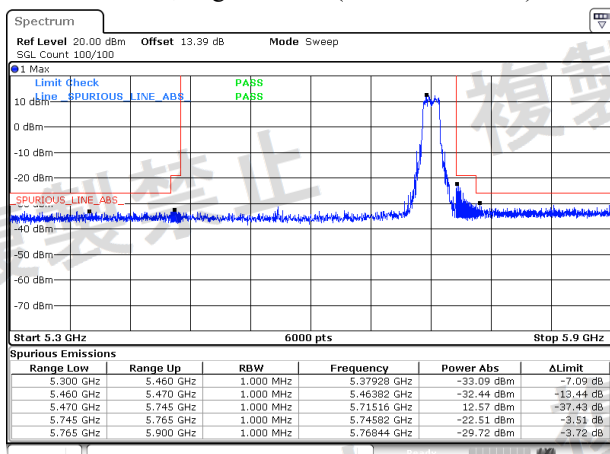
ProjectNo.:2501X20051E-RF Tester:Kungfumaster Liang  
Date: 30.SEP.2025 01:51:15

## 802.11a, High Channel(30MHz~5.3GHz)



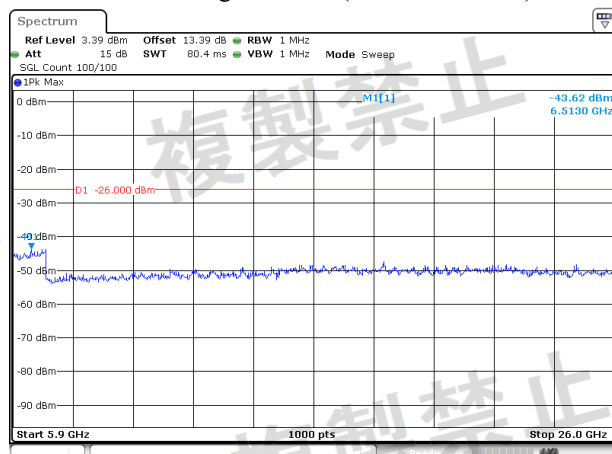
ProjectNo.:2501X20051E-RF Tester:Kungfumaaster Liang  
Date: 30\_SEP.2025 01:22:45

## 802.11a, High Channel(5.3GHz~5.9GHz)



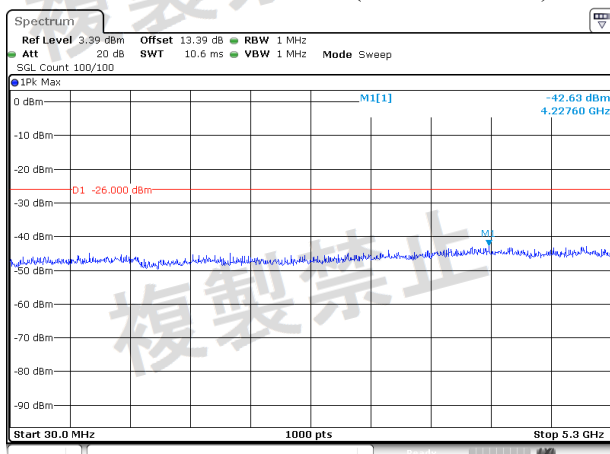
ProjectNo.:2501X20051E-RF Tester:Kungfumaaster Liang  
Date: 30\_SEP.2025 01:30:14

## 802.11a, High Channel(5.9GHz~26GHz)



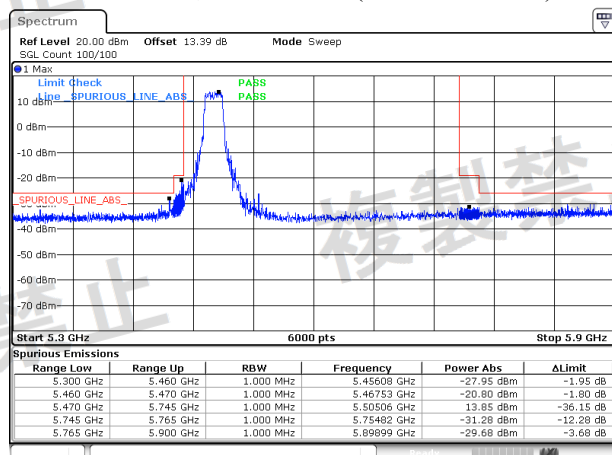
ProjectNo.:2501X20051E-RF Tester:Kungfumaaster Liang  
Date: 30\_SEP.2025 01:23:38

## 802.11ac20, Low Channel(30MHz~5.3GHz)



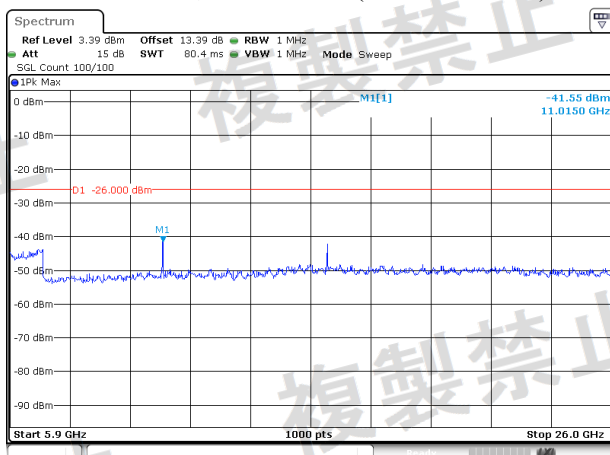
ProjectNo.:2501X20051E-RF Tester:Kungfumaaster Liang  
Date: 30\_SEP.2025 02:27:29

## 802.11ac20, Low Channel(5.3GHz~5.9GHz)



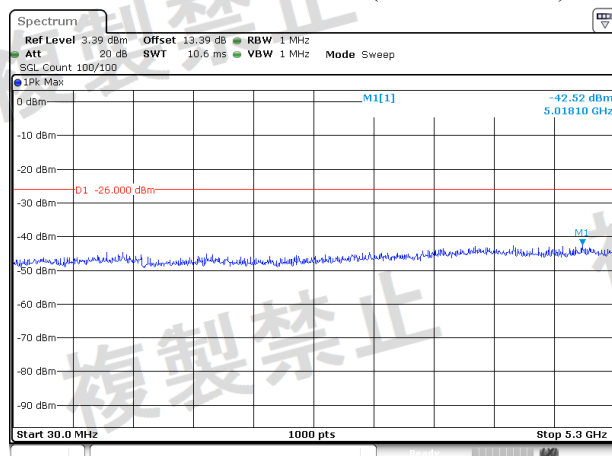
ProjectNo.:2501X20051E-RF Tester:Kungfumaaster Liang  
Date: 30\_SEP.2025 02:28:40

## 802.11ac20, Low Channel(5.9GHz~26GHz)



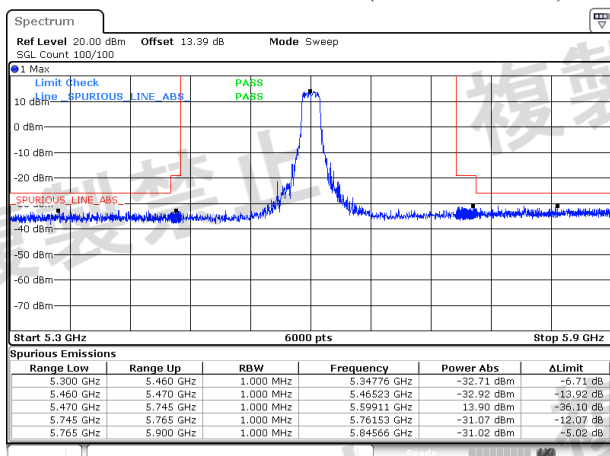
ProjectNo.:2501X20051E-RF Tester:Kungfumaaster Liang  
Date: 30\_SEP.2025 02:28:22

## 802.11ac20, Middle Channel(30MHz~5.3GHz)



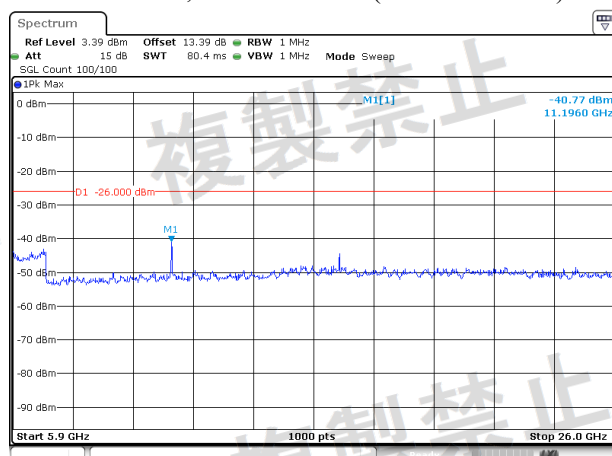
ProjectNo.:2501X20051E-RF Tester:Kungfumaister Liang  
Date: 30\_SEP.2025 02:34:17

## 802.11ac20, Middle Channel(5.3GHz~5.9GHz)



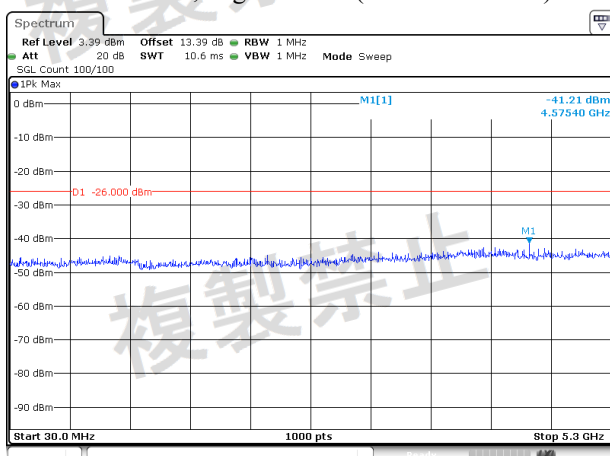
ProjectNo.:2501X20051E-RF Tester:Kungfumaister Liang  
Date: 30\_SEP.2025 02:35:29

## 802.11ac20, Middle Channel(5.9GHz~26GHz)



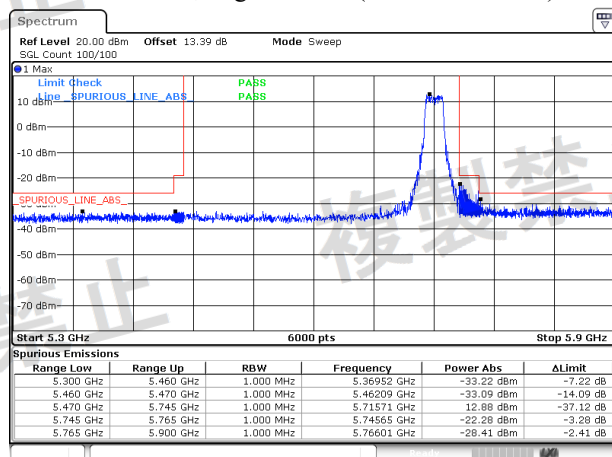
ProjectNo.:2501X20051E-RF Tester:Kungfumaister Liang  
Date: 30\_SEP.2025 02:35:11

## 802.11ac20, High Channel(30MHz~5.3GHz)



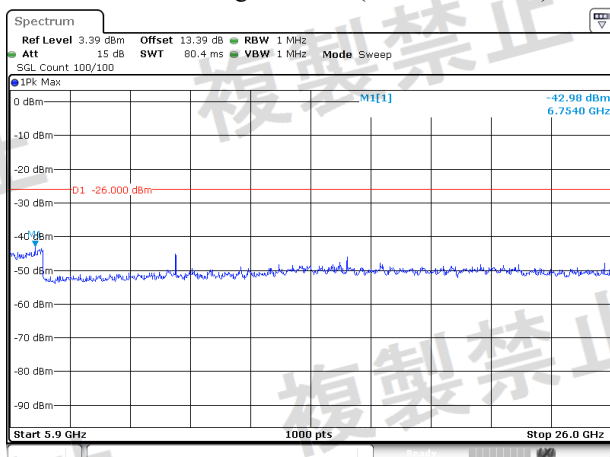
ProjectNo.:2501X20051E-RF Tester:Kungfumaister Liang  
Date: 30\_SEP.2025 02:21:02

## 802.11ac20, High Channel(5.3GHz~5.9GHz)



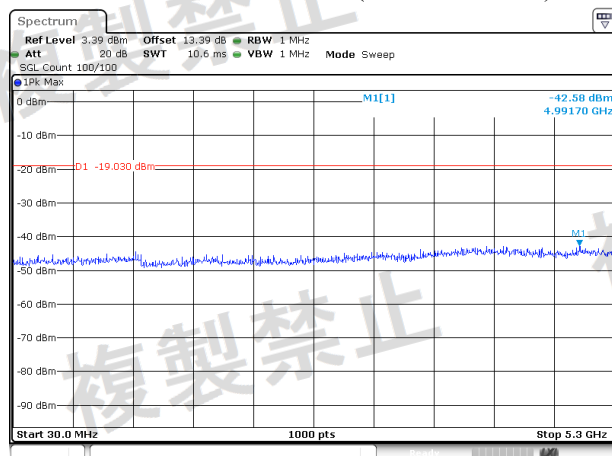
ProjectNo.:2501X20051E-RF Tester:Kungfumaister Liang  
Date: 30\_SEP.2025 02:22:13

## 802.11ac20, High Channel(5.9GHz~26GHz)



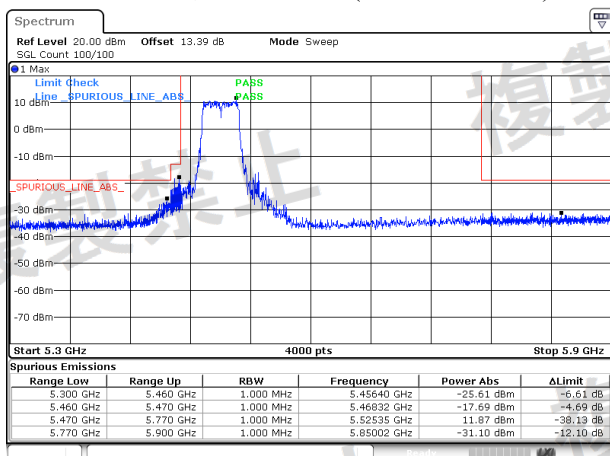
ProjectNo.:2501X20051E-RF Tester:Kungfumaister Liang  
Date: 30\_SEP.2025 02:21:55

## 802.11ac40, Low Channel(30MHz~5.3GHz)



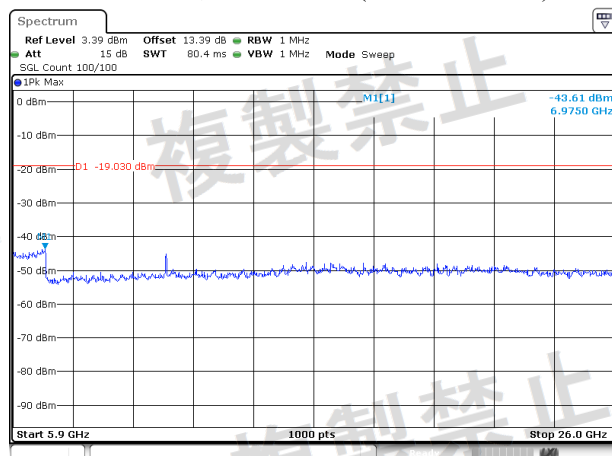
ProjectNo.:2501X20051E-RF Tester:Kungfumaaster Liang  
Date: 30\_SEP.2025 02:48:07

## 802.11ac40, Low Channel(5.3GHz~5.9GHz)



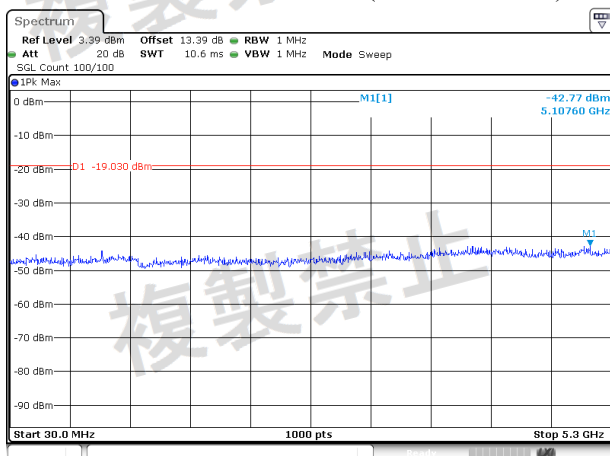
ProjectNo.:2501X20051E-RF Tester:Kungfumaaster Liang  
Date: 30\_SEP.2025 02:49:17

## 802.11ac40, Low Channel(5.9GHz~26GHz)



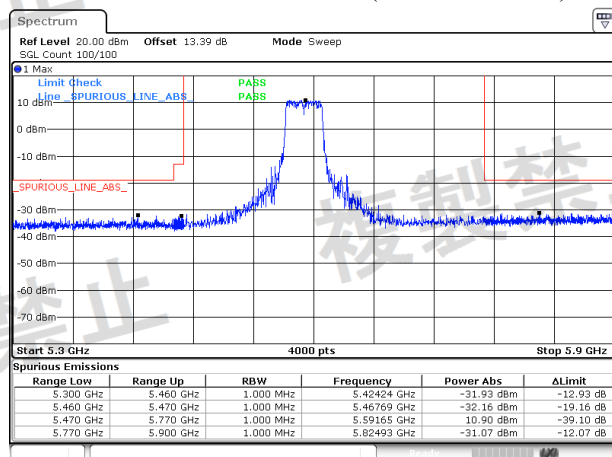
ProjectNo.:2501X20051E-RF Tester:Kungfumaaster Liang  
Date: 30\_SEP.2025 02:49:00

## 802.11ac40, Middle Channel(30MHz~5.3GHz)



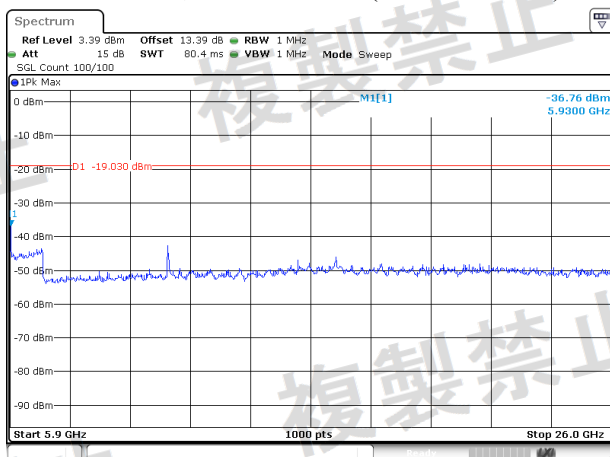
ProjectNo.:2501X20051E-RF Tester:Kungfumaaster Liang  
Date: 30\_SEP.2025 02:54:41

## 802.11ac40, Middle Channel(5.3GHz~5.9GHz)



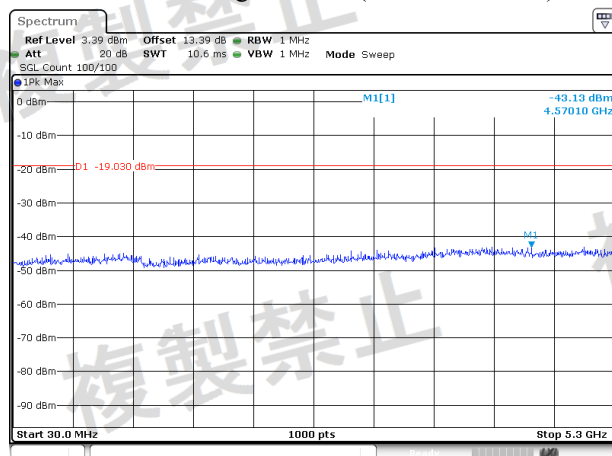
ProjectNo.:2501X20051E-RF Tester:Kungfumaaster Liang  
Date: 30\_SEP.2025 02:55:50

## 802.11ac40, Middle Channel(5.9GHz~26GHz)



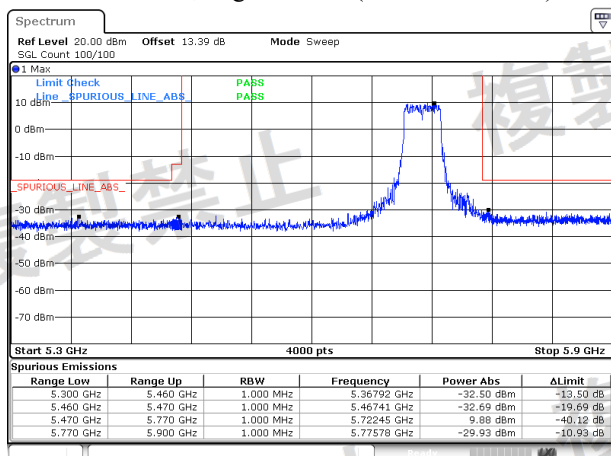
ProjectNo.:2501X20051E-RF Tester:Kungfumaaster Liang  
Date: 30\_SEP.2025 02:55:34

## 802.11ac40, High Channel(30MHz~5.3GHz)



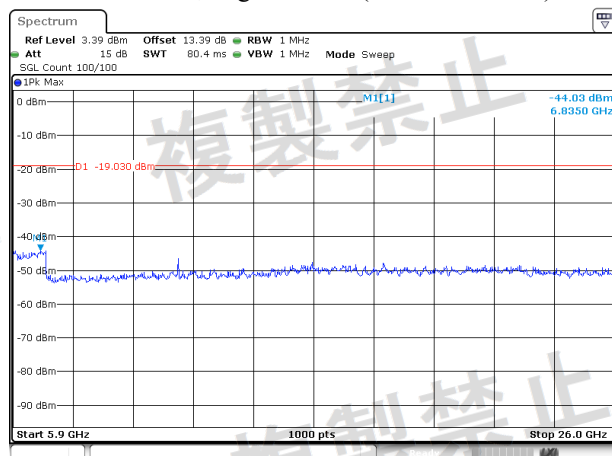
ProjectNo.:2501X20051E-RF Tester:Kungfumaister Liang  
Date: 30\_SEP.2025 03:00:59

## 802.11ac40, High Channel(5.3GHz~5.9GHz)



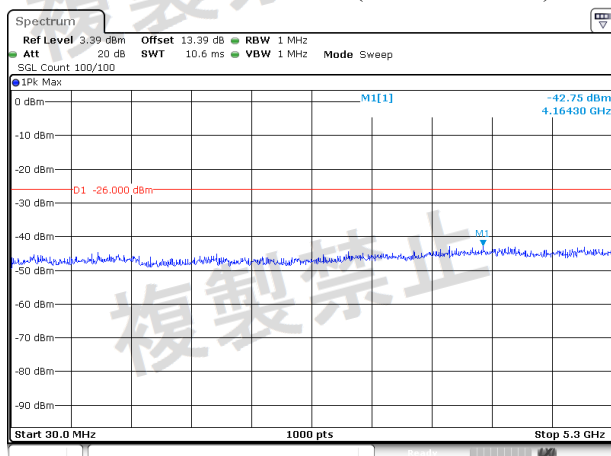
ProjectNo.:2501X20051E-RF Tester:Kungfumaister Liang  
Date: 30\_SEP.2025 03:02:10

## 802.11ac40, High Channel(5.9GHz~26GHz)



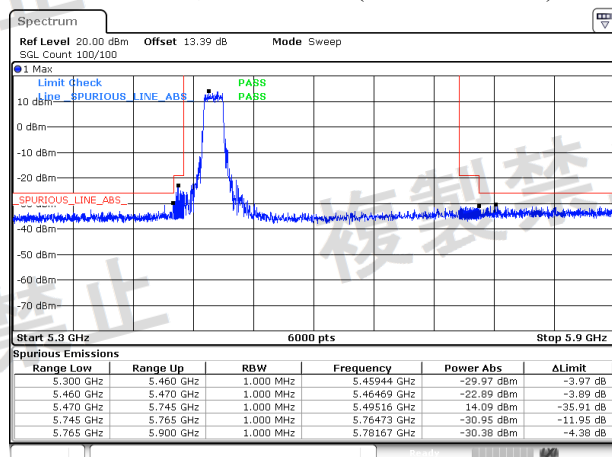
ProjectNo.:2501X20051E-RF Tester:Kungfumaister Liang  
Date: 30\_SEP.2025 03:01:54

## 802.11ax20, Low Channel(30MHz~5.3GHz)



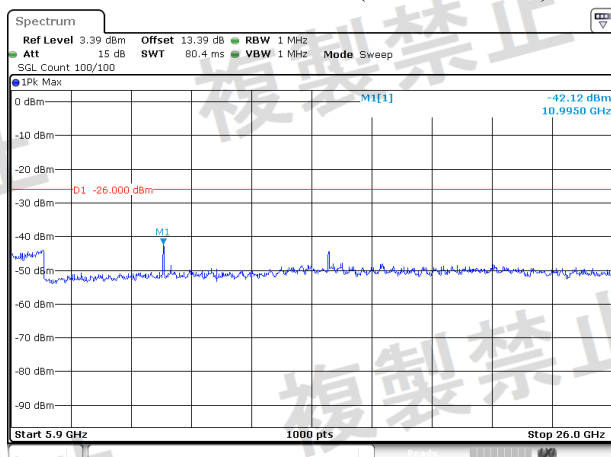
ProjectNo.:2501X20051E-RF Tester:Kungfumaister Liang  
Date: 30\_SEP.2025 21:50:33

## 802.11ax20, Low Channel(5.3GHz~5.9GHz)



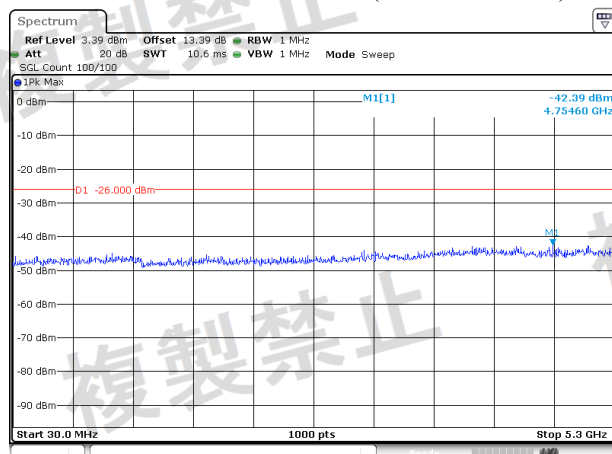
ProjectNo.:2501X20051E-RF Tester:Kungfumaister Liang  
Date: 30\_SEP.2025 22:35:36

## 802.11ax20, Low Channel(5.9GHz~26GHz)



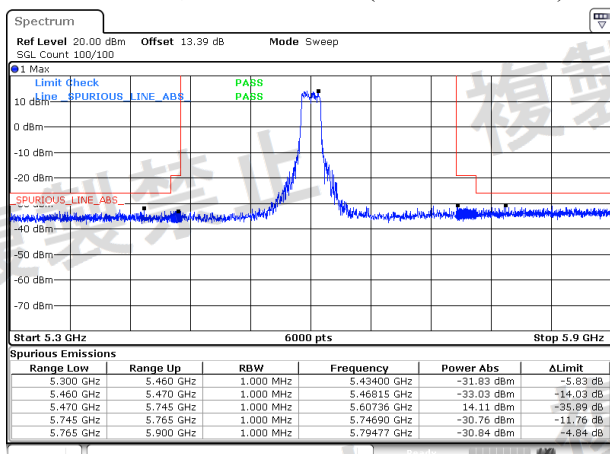
ProjectNo.:2501X20051E-RF Tester:Kungfumaister Liang  
Date: 30\_SEP.2025 21:51:25

## 802.11ax20, Middle Channel(30MHz~5.3GHz)



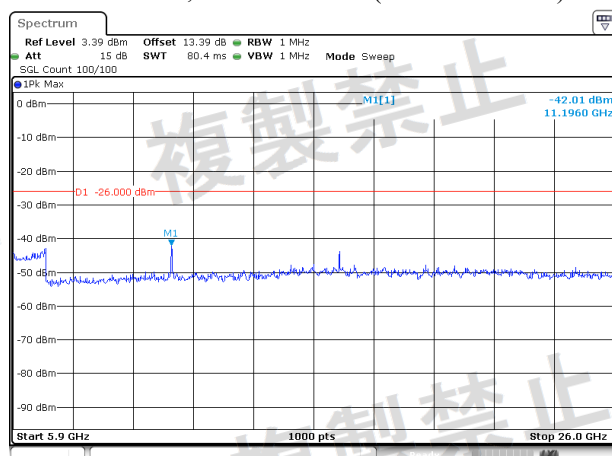
ProjectNo.:2501X20051E-RF Tester:Kungfumaater Liang  
Date: 30\_SEP.2025 21:58:39

## 802.11ax20, Middle Channel(5.3GHz~5.9GHz)



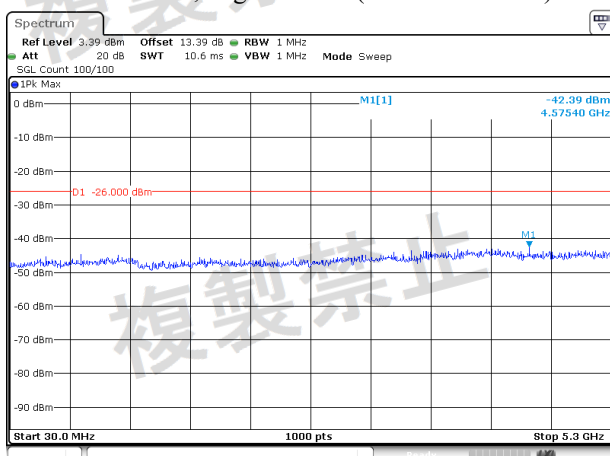
ProjectNo.:2501X20051E-RF Tester:Kungfumaater Liang  
Date: 30\_SEP.2025 22:41:09

## 802.11ax20, Middle Channel(5.9GHz~26GHz)



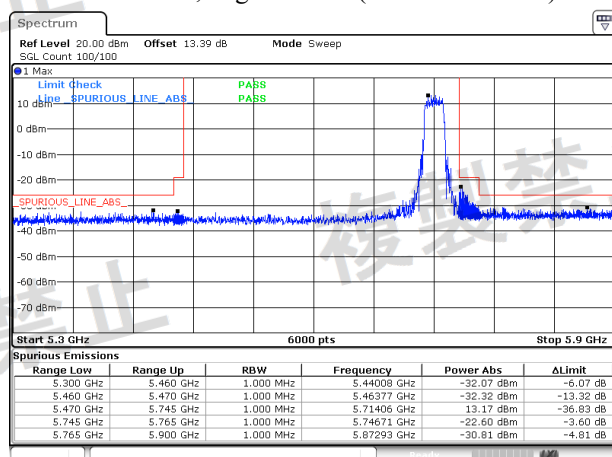
ProjectNo.:2501X20051E-RF Tester:Kungfumaater Liang  
Date: 30\_SEP.2025 21:59:30

## 802.11ax20, High Channel(30MHz~5.3GHz)



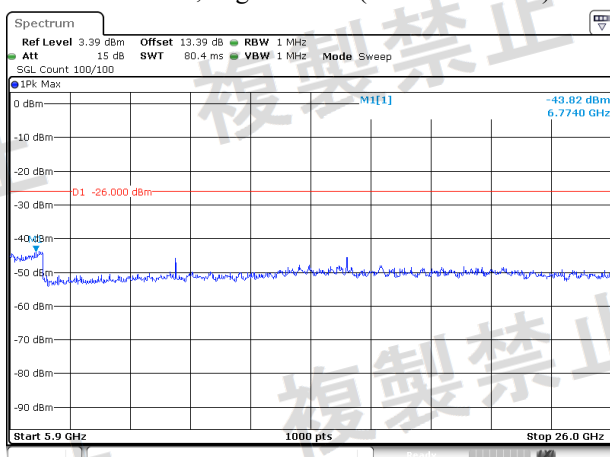
ProjectNo.:2501X20051E-RF Tester:Kungfumaater Liang  
Date: 30\_SEP.2025 22:05:22

## 802.11ax20, High Channel(5.3GHz~5.9GHz)



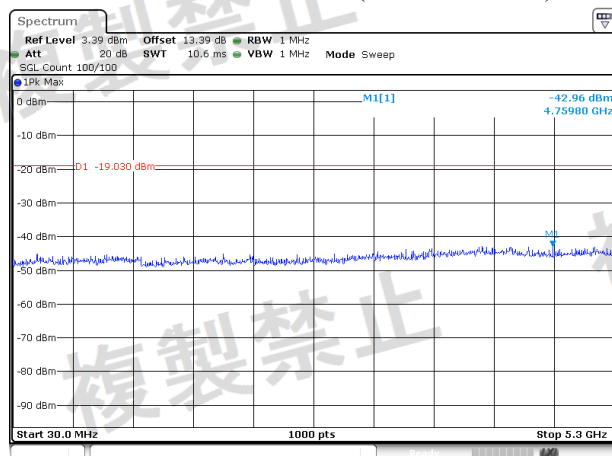
ProjectNo.:2501X20051E-RF Tester:Kungfumaater Liang  
Date: 30\_SEP.2025 22:30:50

## 802.11ax20, High Channel(5.9GHz~26GHz)



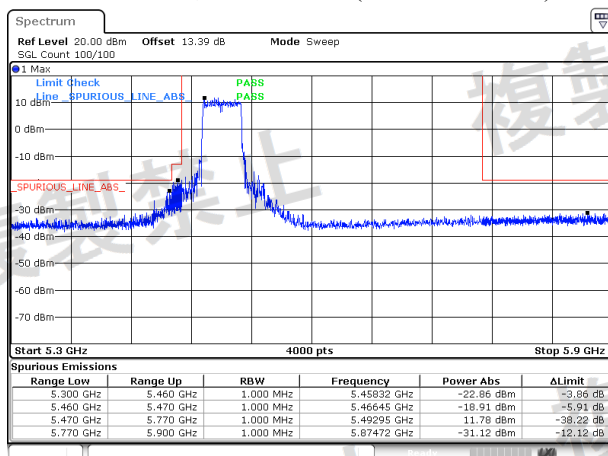
ProjectNo.:2501X20051E-RF Tester:Kungfumaater Liang  
Date: 30\_SEP.2025 22:06:13

## 802.11ax40, Low Channel(30MHz~5.3GHz)



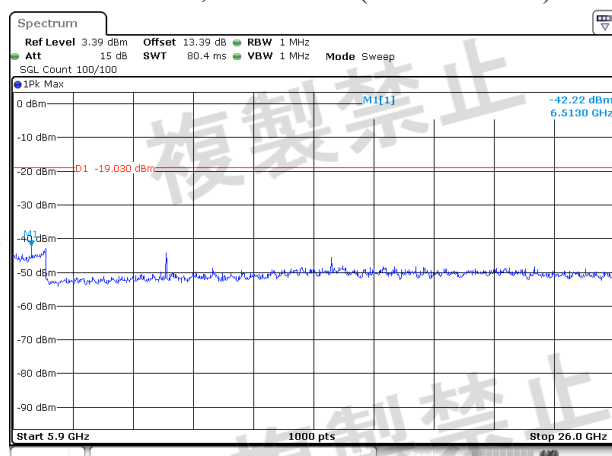
ProjectNo.:2501X20051E-RF Tester:Kungfumaaster Liang  
Date: 30\_SEP.2025 23:07:15

## 802.11ax40, Low Channel(5.3GHz~5.9GHz)



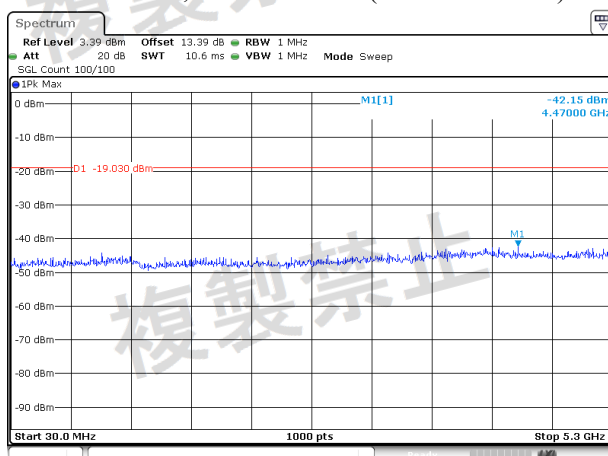
ProjectNo.:2501X20051E-RF Tester:Kungfumaaster Liang  
Date: 30\_SEP.2025 23:11:50

## 802.11ax40, Low Channel(5.9GHz~26GHz)



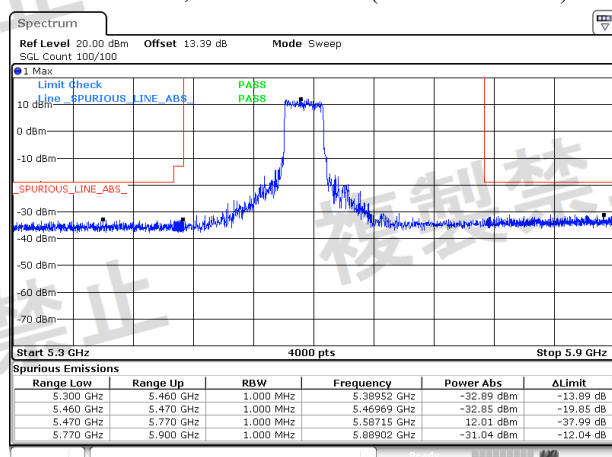
ProjectNo.:2501X20051E-RF Tester:Kungfumaaster Liang  
Date: 30\_SEP.2025 23:08:06

## 802.11ax40, Middle Channel(30MHz~5.3GHz)



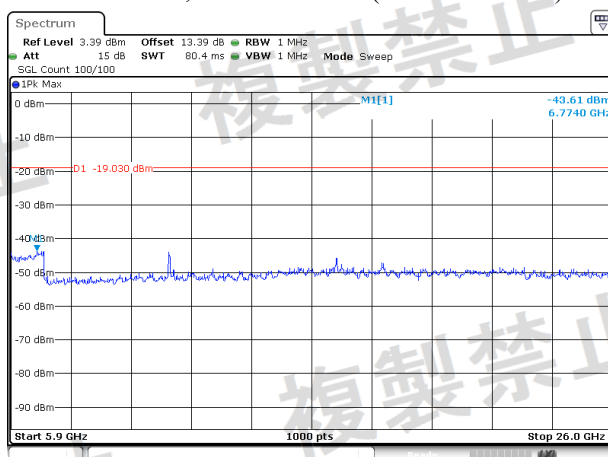
ProjectNo.:2501X20051E-RF Tester:Kungfumaaster Liang  
Date: 30\_SEP.2025 23:13:39

## 802.11ax40, Middle Channel(5.3GHz~5.9GHz)



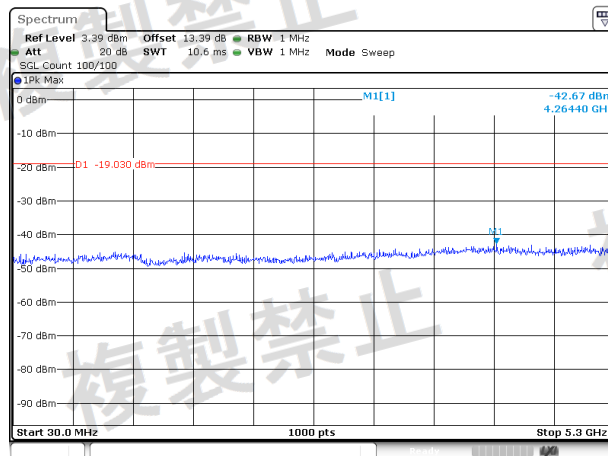
ProjectNo.:2501X20051E-RF Tester:Kungfumaaster Liang  
Date: 30\_SEP.2025 23:14:47

## 802.11ax40, Middle Channel(5.9GHz~26GHz)



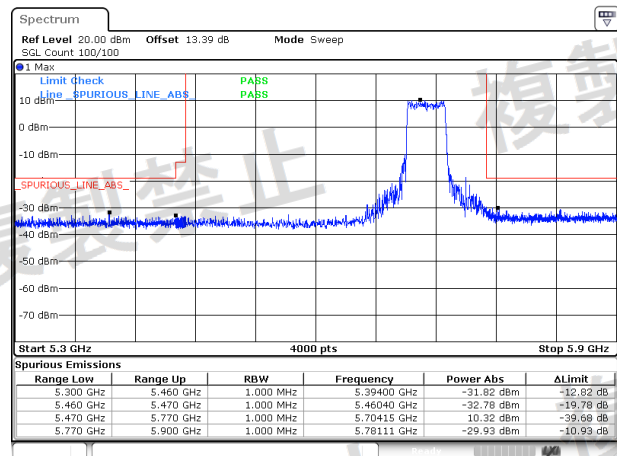
ProjectNo.:2501X20051E-RF Tester:Kungfumaaster Liang  
Date: 30\_SEP.2025 23:14:31

802.11ax40, High Channel(30MHz~5.3GHz)



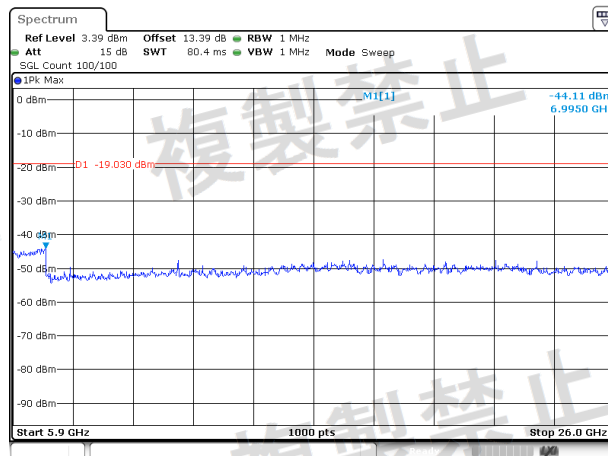
ProjectNo.:2501X20051E-RF Tester:Kungfumaater Liang  
Date: 30.SEP.2025 23:01:02

802.11ax40, High Channel(5.3GHz~5.9GHz)



ProjectNo.:2501X20051E-RF Tester:Kungfumaater Liang  
Date: 30.SEP.2025 23:09:26

802.11ax40, High Channel(5.9GHz~26GHz)



ProjectNo.:2501X20051E-RF Tester:Kungfumaater Liang  
Date: 30.SEP.2025 23:01:53

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

|                    |                    |                     |                       |
|--------------------|--------------------|---------------------|-----------------------|
| <b>Sample No.:</b> | 3A1I-1             | <b>Test Date:</b>   | 2025/09/29~2025/09/30 |
| <b>Test Site:</b>  | RF                 | <b>Test Mode:</b>   | Transmitting          |
| <b>Tester:</b>     | Kungfumaster Liang | <b>Test Result:</b> | Pass                  |

**Environmental Conditions:**

|                             |           |                                  |       |                               |             |
|-----------------------------|-----------|----------------------------------|-------|-------------------------------|-------------|
| <b>Temperature:</b><br>(°C) | 24.8-25.6 | <b>Relative Humidity:</b><br>(%) | 50-54 | <b>ATM Pressure:</b><br>(kPa) | 101.1-101.4 |
|-----------------------------|-----------|----------------------------------|-------|-------------------------------|-------------|

**Test Condition: NV****W52**

| Mode       | Antenna gain<br>(dBi) | Declared power<br>(mW/MHz) |
|------------|-----------------------|----------------------------|
| 802.11a    | 3.57                  | 0.35                       |
| 802.11ac20 | 3.57                  | 0.25                       |
| 802.11ac40 | 3.57                  | 0.15                       |
| 802.11ax20 | 3.57                  | 0.10                       |
| 802.11ax40 | 3.57                  | 0.10                       |

| Mode       | Channel | Antenna output power<br>(dBm/MHz) | Antenna output power(mW/MHz) |       | Antenna output tolerance(%) |         | EIRP (mW/MHz) |       | Verdict |
|------------|---------|-----------------------------------|------------------------------|-------|-----------------------------|---------|---------------|-------|---------|
|            |         |                                   | Result                       | Limit | Result                      | Limit   | Result        | Limit |         |
| 802.11a    | Low     | -5.01                             | 0.316                        | ≤ 10  | -9.71                       | -80~+20 | 0.72          | ≤ 10  | Pass    |
|            | Middle  | -5.14                             | 0.306                        | ≤ 10  | -12.57                      | -80~+20 | 0.70          | ≤ 10  | Pass    |
|            | High    | -4.73                             | 0.337                        | ≤ 10  | -3.71                       | -80~+20 | 0.77          | ≤ 10  | Pass    |
| 802.11ac20 | Low     | -6.39                             | 0.230                        | ≤ 10  | -8.00                       | -80~+20 | 0.52          | ≤ 10  | Pass    |
|            | Middle  | -6.45                             | 0.226                        | ≤ 10  | -9.60                       | -80~+20 | 0.52          | ≤ 10  | Pass    |
|            | High    | -6.23                             | 0.238                        | ≤ 10  | -4.80                       | -80~+20 | 0.54          | ≤ 10  | Pass    |
| 802.11ac40 | Low     | -8.57                             | 0.139                        | ≤ 5   | -7.33                       | -80~+20 | 0.32          | ≤ 5   | Pass    |
|            | High    | -8.55                             | 0.140                        | ≤ 5   | -6.67                       | -80~+20 | 0.32          | ≤ 5   | Pass    |
| 802.11ax20 | Low     | -10.79                            | 0.083                        | ≤ 10  | -17.00                      | -80~+20 | 0.19          | ≤ 10  | Pass    |
|            | Middle  | -10.88                            | 0.082                        | ≤ 10  | -18.00                      | -80~+20 | 0.19          | ≤ 10  | Pass    |
|            | High    | -10.55                            | 0.088                        | ≤ 10  | -12.00                      | -80~+20 | 0.20          | ≤ 10  | Pass    |
| 802.11ax40 | Low     | -11.53                            | 0.070                        | ≤ 5   | -30.00                      | -80~+20 | 0.16          | ≤ 5   | Pass    |
|            | High    | -11.19                            | 0.076                        | ≤ 5   | -24.00                      | -80~+20 | 0.17          | ≤ 5   | Pass    |

## W53

| Mode       | Antenna gain<br>(dBi) | Declared power<br>(mW/MHz) |
|------------|-----------------------|----------------------------|
| 802.11a    | 3.27                  | 0.35                       |
| 802.11ac20 | 3.27                  | 0.25                       |
| 802.11ac40 | 3.27                  | 0.20                       |
| 802.11ax20 | 3.27                  | 0.15                       |
| 802.11ax40 | 3.27                  | 0.10                       |

| Mode       | Channel | Antenna<br>output<br>power<br>(dBm/MHz) | Antenna output<br>power(mW/MHz) |       | Antenna output<br>tolerance(%) |         | EIRP<br>(mW/MHz) |       | Verdict |
|------------|---------|-----------------------------------------|---------------------------------|-------|--------------------------------|---------|------------------|-------|---------|
|            |         |                                         | Result                          | Limit | Result                         | Limit   | Result           | Limit |         |
| 802.11a    | Low     | -4.66                                   | 0.342                           | ≤ 10  | -2.29                          | -80~+20 | 0.73             | ≤ 5   | Pass    |
|            | Middle  | -4.47                                   | 0.357                           | ≤ 10  | 2.00                           | -80~+20 | 0.76             | ≤ 5   | Pass    |
|            | High    | -4.62                                   | 0.345                           | ≤ 10  | -1.43                          | -80~+20 | 0.73             | ≤ 5   | Pass    |
| 802.11ac20 | Low     | -6.18                                   | 0.241                           | ≤ 10  | -3.60                          | -80~+20 | 0.51             | ≤ 5   | Pass    |
|            | Middle  | -6.08                                   | 0.247                           | ≤ 10  | -1.20                          | -80~+20 | 0.52             | ≤ 5   | Pass    |
|            | High    | -6.26                                   | 0.237                           | ≤ 10  | -5.20                          | -80~+20 | 0.50             | ≤ 5   | Pass    |
| 802.11ac40 | Low     | -6.83                                   | 0.207                           | ≤ 5   | 3.50                           | -80~+20 | 0.44             | ≤ 2.5 | Pass    |
|            | High    | -6.90                                   | 0.204                           | ≤ 5   | 2.00                           | -80~+20 | 0.43             | ≤ 2.5 | Pass    |
| 802.11ax20 | Low     | -9.13                                   | 0.122                           | ≤ 10  | -18.67                         | -80~+20 | 0.26             | ≤ 5   | Pass    |
|            | Middle  | -9.74                                   | 0.106                           | ≤ 10  | -29.33                         | -80~+20 | 0.23             | ≤ 5   | Pass    |
|            | High    | -9.70                                   | 0.107                           | ≤ 10  | -28.67                         | -80~+20 | 0.23             | ≤ 5   | Pass    |
| 802.11ax40 | Low     | -10.29                                  | 0.094                           | ≤ 5   | -6.00                          | -80~+20 | 0.20             | ≤ 2.5 | Pass    |
|            | High    | -10.33                                  | 0.093                           | ≤ 5   | -7.00                          | -80~+20 | 0.20             | ≤ 2.5 | Pass    |

## W56

| Mode       | Antenna gain (dBi) | Declared power (mW/MHz) |
|------------|--------------------|-------------------------|
| 802.11a    | 2.89               | 2.5                     |
| 802.11ac20 | 2.89               | 2.5                     |
| 802.11ac40 | 2.89               | 1.2                     |
| 802.11ax20 | 2.89               | 2.0                     |
| 802.11ax40 | 2.89               | 1.0                     |

| Mode       | Channel | Antenna output power (dBm/MHz) | Antenna output power(mW/MHz) |       | Antenna output tolerance(%) |         | EIRP (mW/MHz) |        | Verdict |
|------------|---------|--------------------------------|------------------------------|-------|-----------------------------|---------|---------------|--------|---------|
|            |         |                                | Result                       | Limit | Result                      | Limit   | Result        | Limit  |         |
| 802.11a    | Low     | 3.66                           | 2.323                        | ≤ 10  | -7.08                       | -50~+50 | 4.52          | ≤ 25   | Pass    |
|            | Middle  | 3.86                           | 2.432                        | ≤ 10  | -2.72                       | -50~+50 | 4.73          | ≤ 25   | Pass    |
|            | High    | 2.73                           | 1.875                        | ≤ 10  | -25.00                      | -50~+50 | 3.65          | ≤ 25   | Pass    |
| 802.11ac20 | Low     | 3.45                           | 2.213                        | ≤ 10  | -11.48                      | -50~+50 | 4.31          | ≤ 25   | Pass    |
|            | Middle  | 3.59                           | 2.286                        | ≤ 10  | -8.56                       | -50~+50 | 4.45          | ≤ 25   | Pass    |
|            | High    | 2.26                           | 1.683                        | ≤ 10  | -32.68                      | -50~+50 | 3.27          | ≤ 25   | Pass    |
| 802.11ac40 | Low     | 0.49                           | 1.119                        | ≤ 5   | -6.75                       | -50~+50 | 2.18          | ≤ 12.5 | Pass    |
|            | Middle  | 0.43                           | 1.104                        | ≤ 5   | -8.00                       | -50~+50 | 2.15          | ≤ 12.5 | Pass    |
|            | High    | -0.76                          | 0.839                        | ≤ 5   | -30.08                      | -50~+50 | 1.63          | ≤ 12.5 | Pass    |
| 802.11ax20 | Low     | 2.19                           | 1.656                        | ≤ 10  | -17.20                      | -50~+50 | 3.22          | ≤ 25   | Pass    |
|            | Middle  | 2.48                           | 1.770                        | ≤ 10  | -11.50                      | -50~+50 | 3.44          | ≤ 25   | Pass    |
|            | High    | 0.88                           | 1.225                        | ≤ 10  | -38.75                      | -50~+50 | 2.38          | ≤ 25   | Pass    |
| 802.11ax40 | Low     | 0.22                           | 1.052                        | ≤ 5   | 5.20                        | -50~+50 | 2.05          | ≤ 12.5 | Pass    |
|            | Middle  | 0.67                           | 1.167                        | ≤ 5   | 16.70                       | -50~+50 | 2.27          | ≤ 12.5 | Pass    |
|            | High    | -1.11                          | 0.774                        | ≤ 5   | -22.60                      | -50~+50 | 1.51          | ≤ 12.5 | Pass    |

Note:

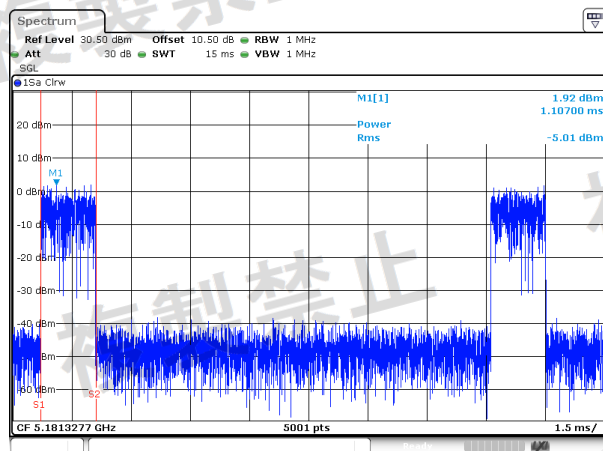
Antenna output power(mW/MHz) =  $10^{[\text{Antenna output power(dBm/MHz)} / 10]}$ 

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

EIRP(mW/MHz) =  $10^{\{[\text{Antenna output power(dBm/MHz)} + \text{Antenna gain}] / 10\}}$ .

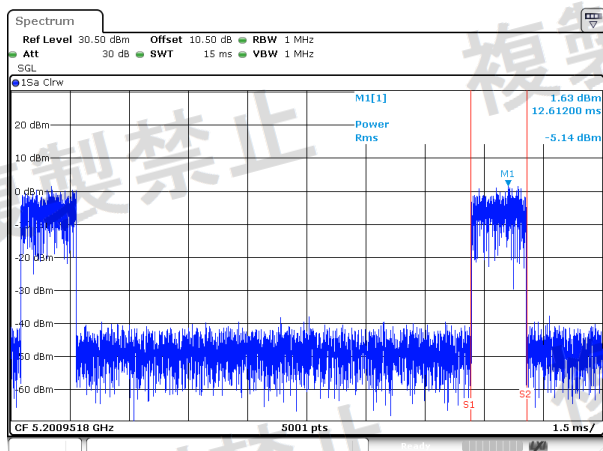
## W52, Test Condition: NV

802.11a, Low Channel



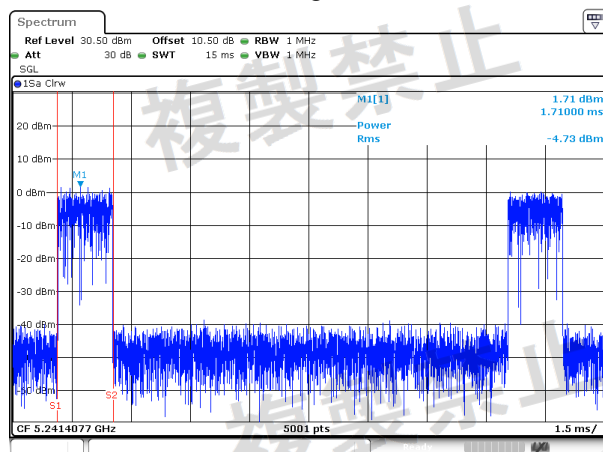
ProjectNo.:2501X20051E-RF Tester:Kungfumastr Liang  
Date: 29.SEP.2025 21:48:59

802.11a, Middle Channel



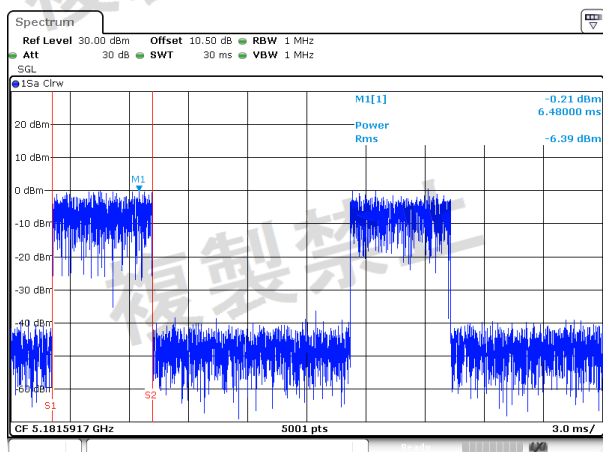
ProjectNo.:2501X20051E-RF Tester:Kungfumastr Liang  
Date: 29.SEP.2025 22:03:37

802.11a, High Channel



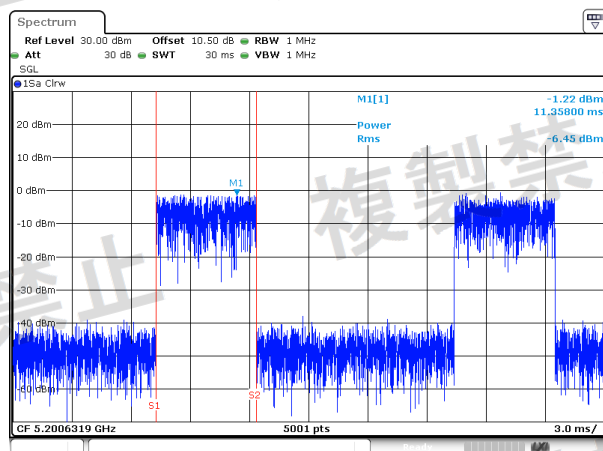
ProjectNo.:2501X20051E-RF Tester:Kungfumastr Liang  
Date: 29.SEP.2025 22:15:47

802.11ac20, Low Channel



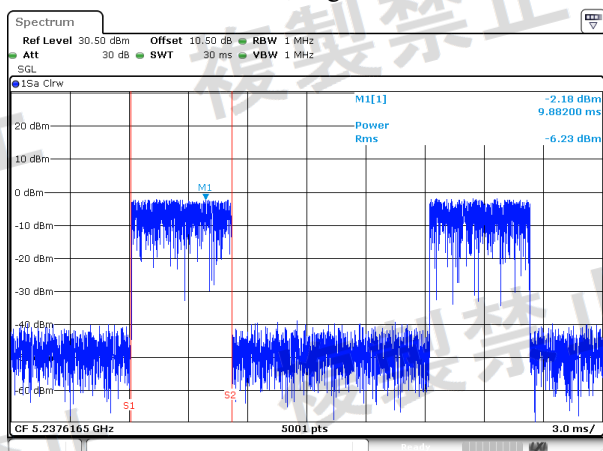
ProjectNo.:2501X20051E-RF Tester:Kungfumastr Liang  
Date: 29.SEP.2025 22:41:48

802.11ac20, Middle Channel



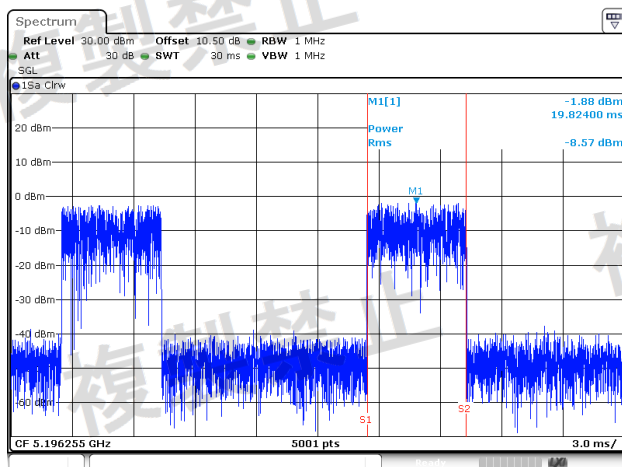
ProjectNo.:2501X20051E-RF Tester:Kungfumastr Liang  
Date: 29.SEP.2025 22:51:32

802.11ac20, High Channel



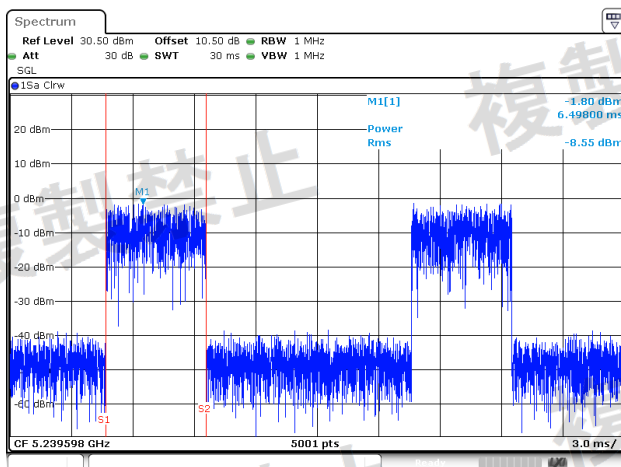
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Date: 29.SEP.2025 22:29:52

802.11ac40, Low Channel



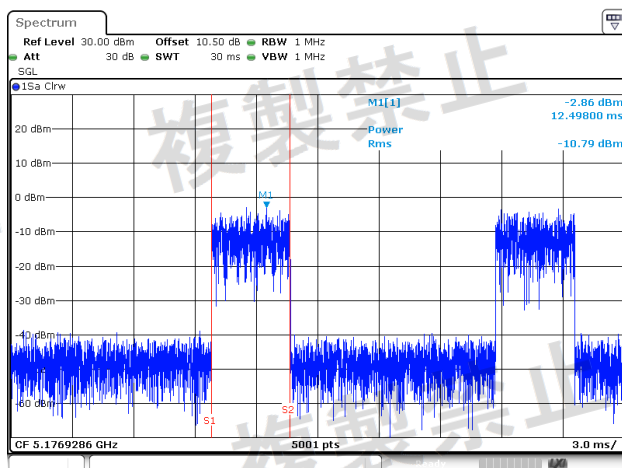
ProjectNo.:2501X20051E-RF Tester:Kungfumaater Liang  
Date: 29,SEP,2025 23:20:38

802.11ac40, High Channel



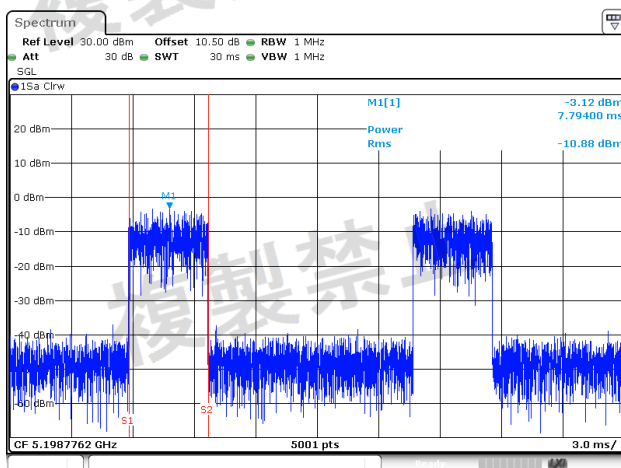
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Date: 29,SEP,2025 23:23:48

802.11ax20, Low Channel



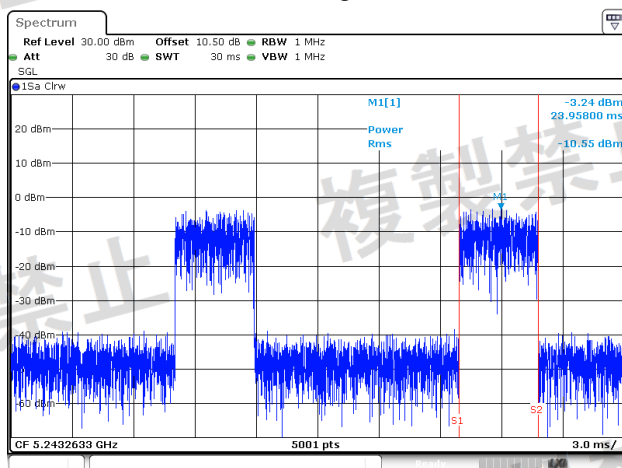
ProjectNo.:2501X20051E-RF Tester:Kungfumaater Liang  
Date: 30,SEP,2025 19:48:04

802.11ax20, Middle Channel



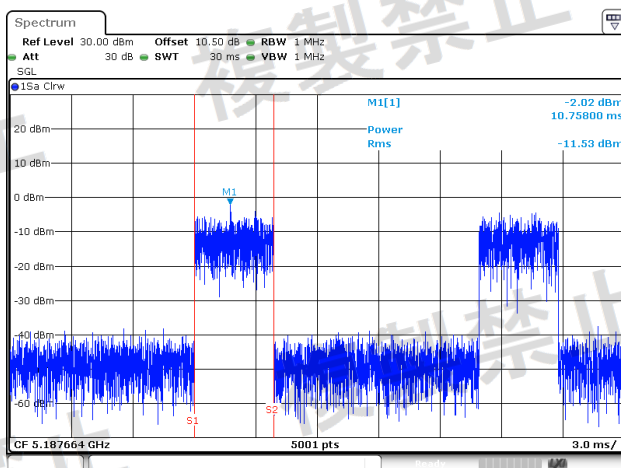
ProjectNo.:2501X20051E-RF Tester:Kungfumaater Liang  
Date: 30,SEP,2025 19:57:45

802.11ax20, High Channel



ProjectNo.:2501X20051E-RF Tester:Kungfumaater Liang  
Date: 30,SEP,2025 19:38:56

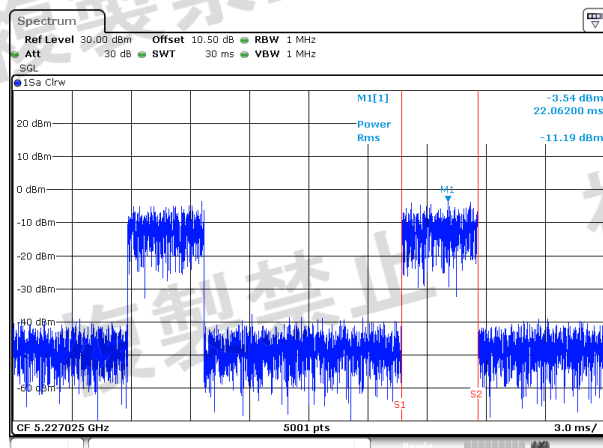
802.11ax40, Low Channel



ProjectNo.:2501X20051E-RF Tester:Kungfumaater Liang  
Date: 30,SEP,2025 20:46:35

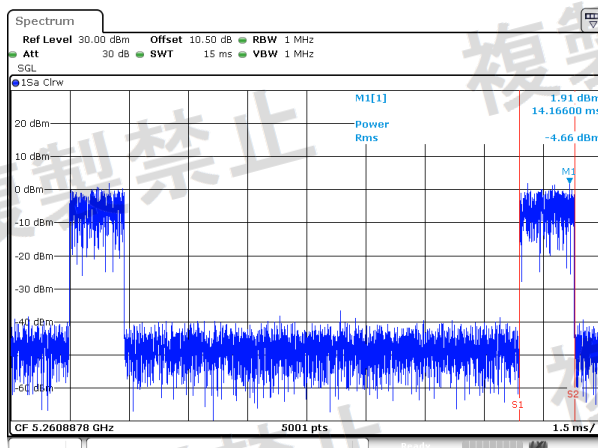
## W53, Test Condition: NV

802.11ax40, High Channel



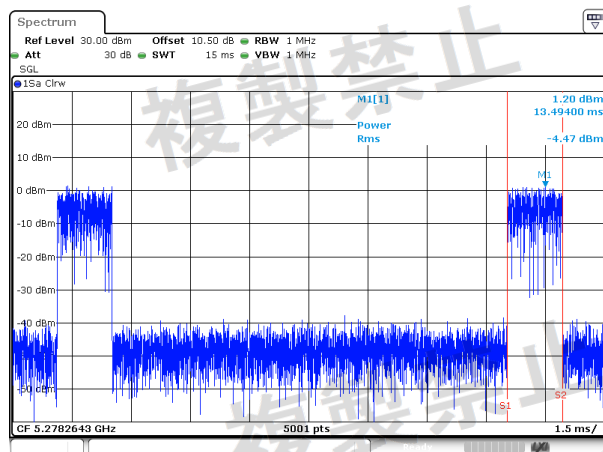
ProjectNo.:2501X20051E-RF Tester:Kungfumaister Liang  
Date: 30.SEP.2025 20:33:06

802.11a, Low Channel



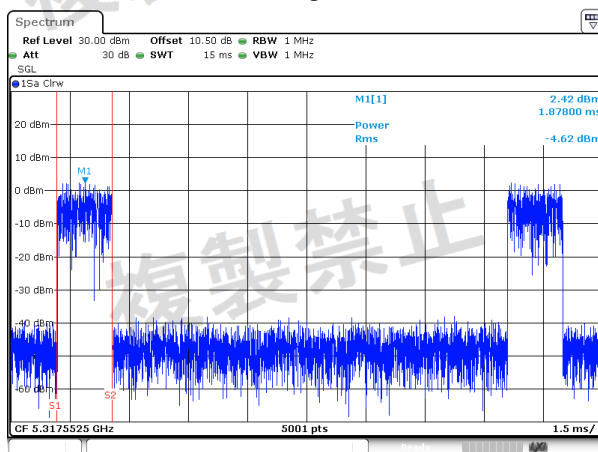
ProjectNo.:2501X20051E-RF Tester:Kungfumaister Liang  
Date: 29.SEP.2025 23:51:33

802.11a, Middle Channel



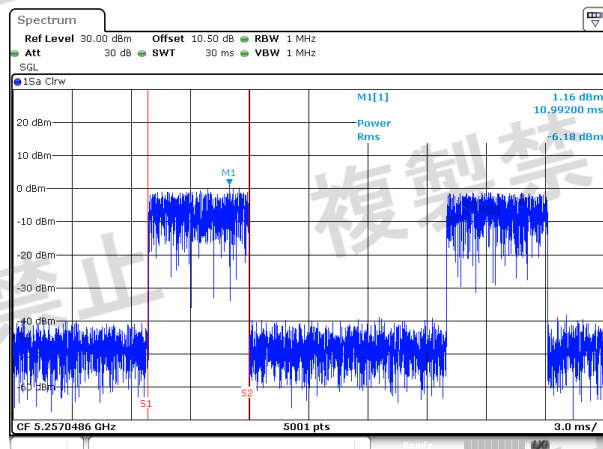
ProjectNo.:2501X20051E-RF Tester:Kungfumaister Liang  
Date: 30.SEP.2025 00:00:19

802.11a, High Channel



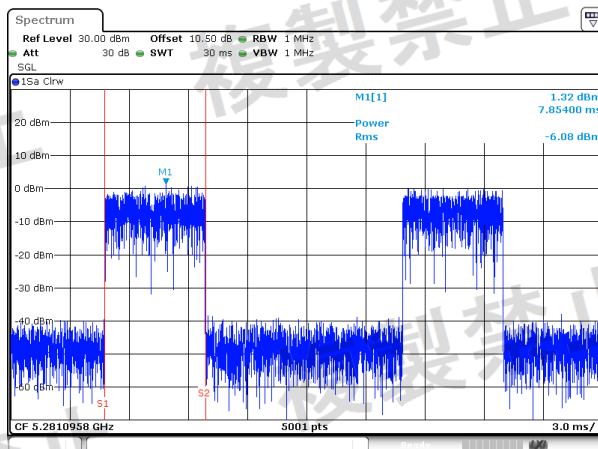
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Date: 30.SEP.2025 00:08:35

802.11ac20, Low Channel



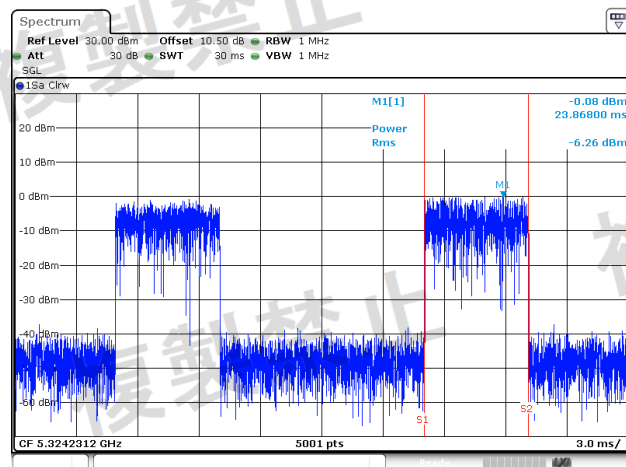
ProjectNo.:2501X20051E-RF Tester:Kungfumaister Liang  
Date: 30.SEP.2025 00:20:58

802.11ac20, Middle Channel



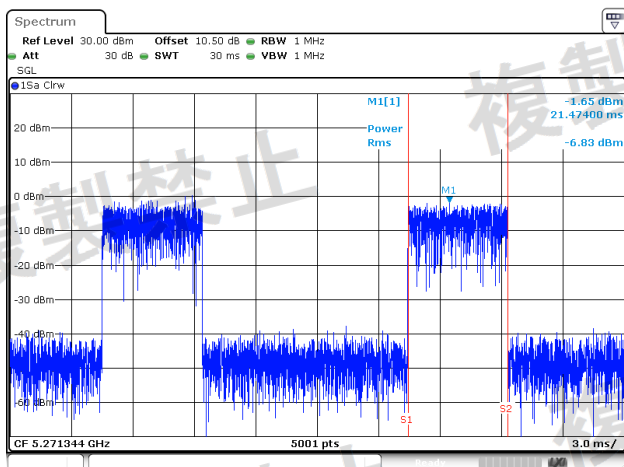
ProjectNo.:2501X20051E-RF Tester:Kungfumaister Liang  
Date: 30.SEP.2025 00:31:15

802.11ac20, High Channel



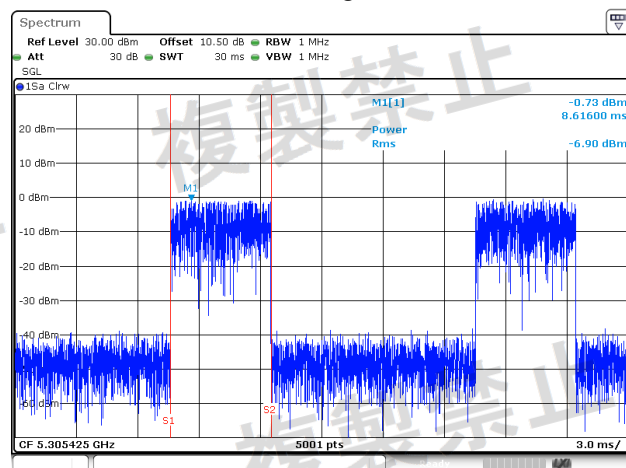
ProjectNo.:2501X20051E-RF Tester:Kungfumaater Liang  
Date: 30.SEP.2025 00:47:44

802.11ac40, Low Channel



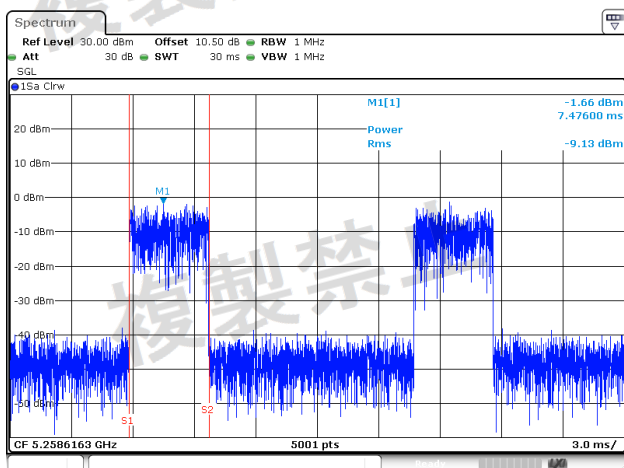
ProjectNo.:2501X20051E-RF Tester:Kungfumaater Liang  
Date: 30.SEP.2025 00:56:13

802.11ac40, High Channel



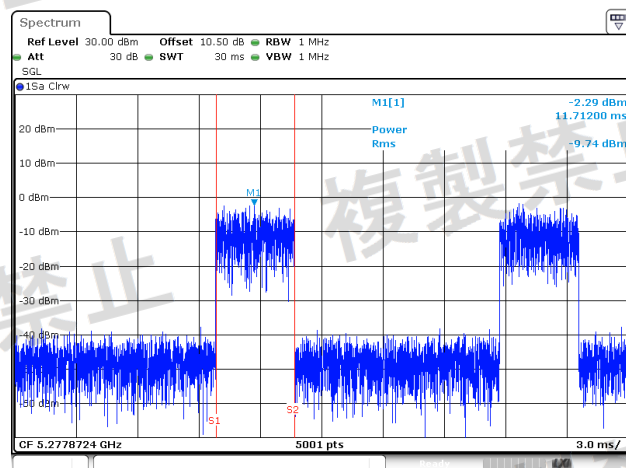
ProjectNo.:2501X20051E-RF Tester:Kungfumaater Liang  
Date: 30.SEP.2025 01:15:32

802.11ax20, Low Channel



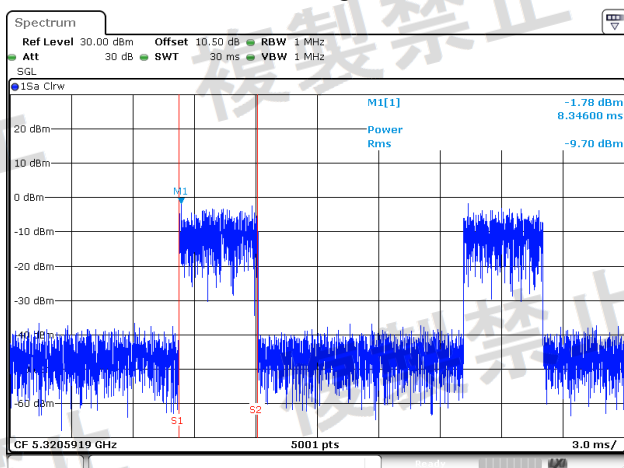
ProjectNo.:2501X20051E-RF Tester:Kungfumaater Liang  
Date: 30.SEP.2025 21:00:16

802.11ax20, Middle Channel



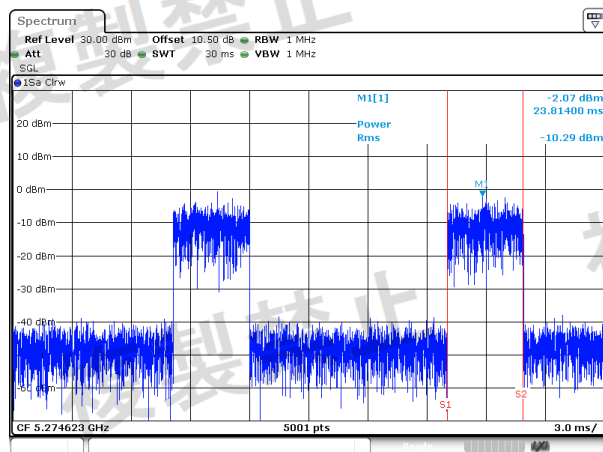
ProjectNo.:2501X20051E-RF Tester:Kungfumaater Liang  
Date: 30.SEP.2025 21:11:42

802.11ax20, High Channel



ProjectNo.:2501X20051E-RF Tester:Kungfumaater Liang  
Date: 30.SEP.2025 21:19:12

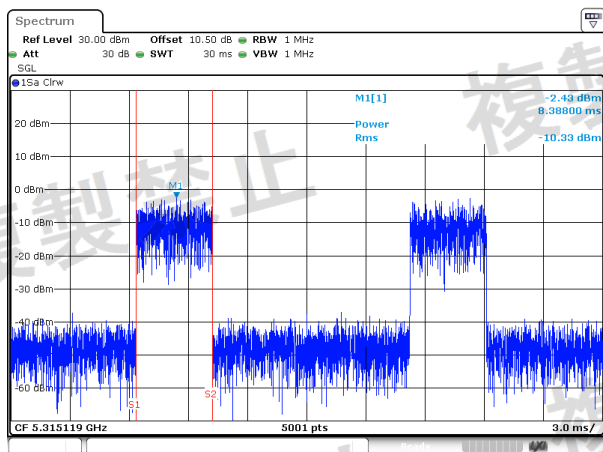
802.11ax40, Low Channel



ProjectNo.:2501X20051E-RF Tester:Kungfumaater Liang

Date: 30.SEP.2025 21:35:03

802.11ax40, High Channel

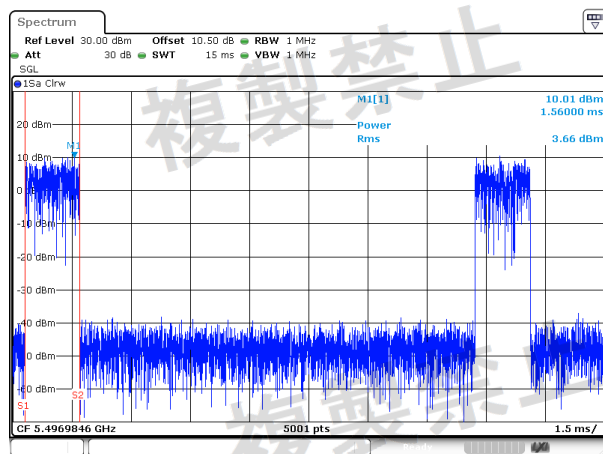


ProjectNo.:2501X20051E-RF Tester:Kungfumaater Liang

Date: 30.SEP.2025 21:42:17

## W56, Test Condition: NV

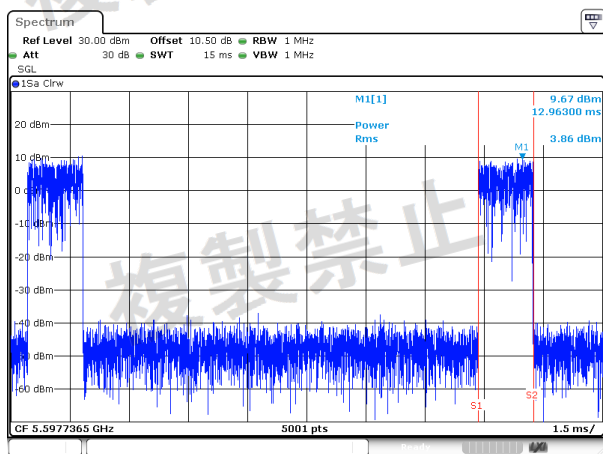
802.11a, Low Channel



ProjectNo.:2501X20051E-RF Tester:Kungfumaater Liang

Date: 30.SEP.2025 01:46:29

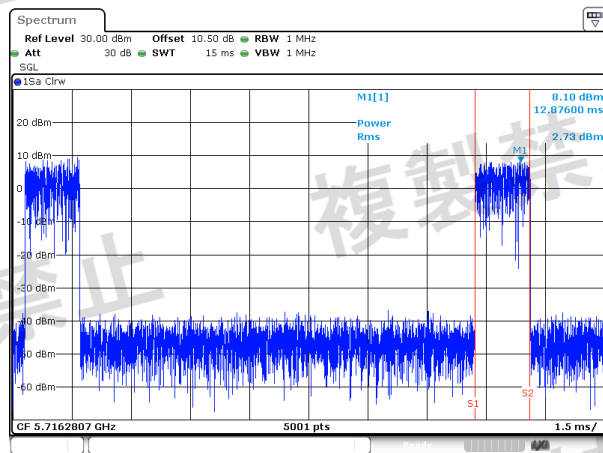
802.11a, Middle Channel



ProjectNo.:2501X20051E-RF Tester:Kungfumaater Liang

Date: 30.SEP.2025 01:55:05

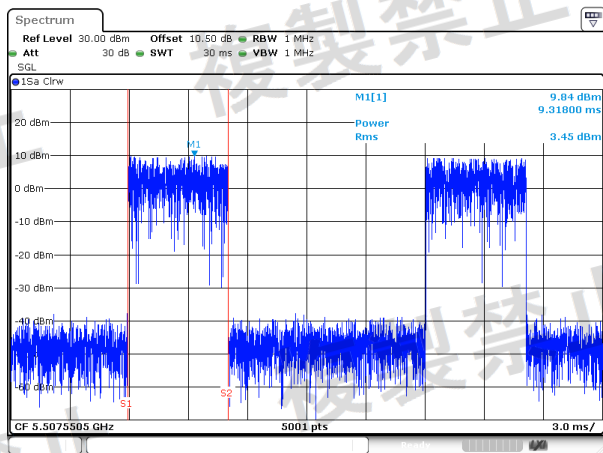
802.11a, High Channel



ProjectNo.:2501X20051E-RF Tester:Kungfumaater Liang

Date: 30.SEP.2025 02:08:34

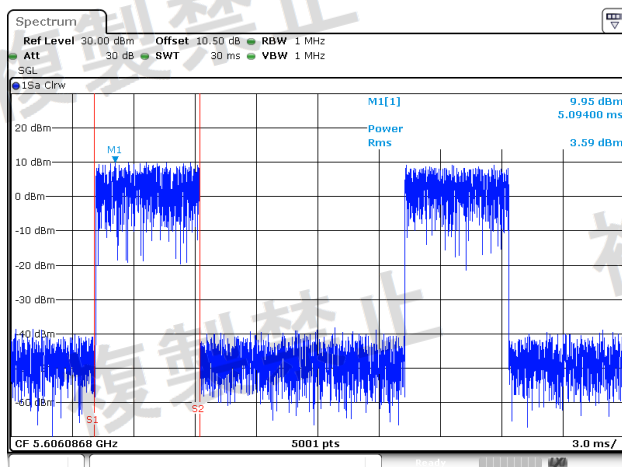
802.11ac20, Low Channel



ProjectNo.:2501X20051E-RF Tester:Kungfumaater Liang

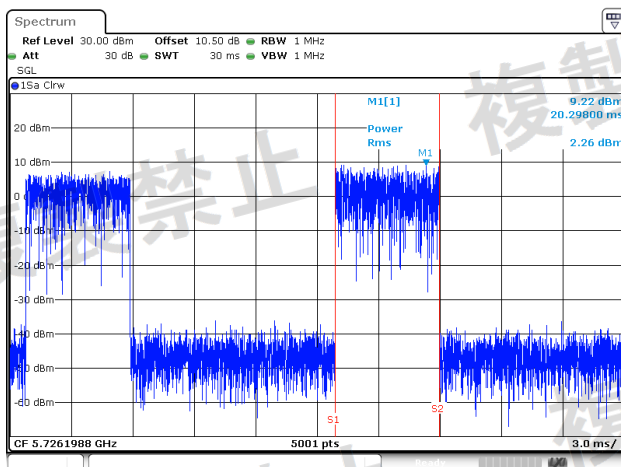
Date: 30.SEP.2025 02:31:09

802.11ac20, Middle Channel



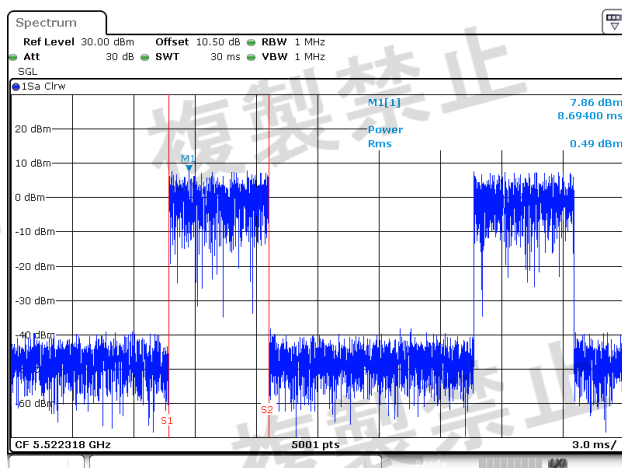
ProjectNo.:2501X20051E-RF Tester:Kungfumaater Liang  
Date: 30,SEP,2025 02:37:57

802.11ac20, High Channel



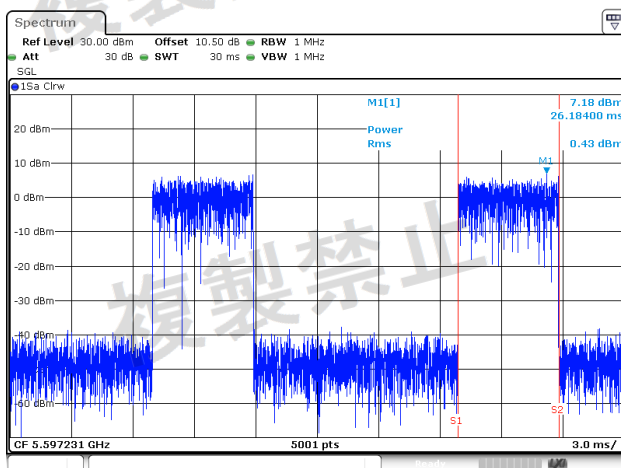
ProjectNo.:2501X20051E-RF Tester:Kungfumaater Liang  
Date: 30,SEP,2025 02:24:30

802.11ac40, Low Channel



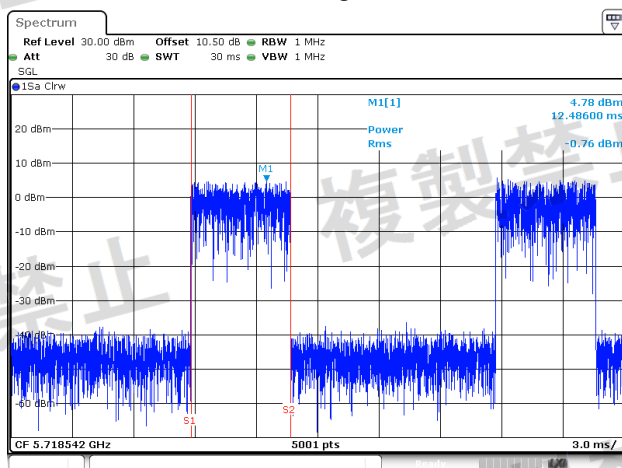
ProjectNo.:2501X20051E-RF Tester:Kungfumaater Liang  
Date: 30,SEP,2025 02:51:39

802.11ac40, Middle Channel



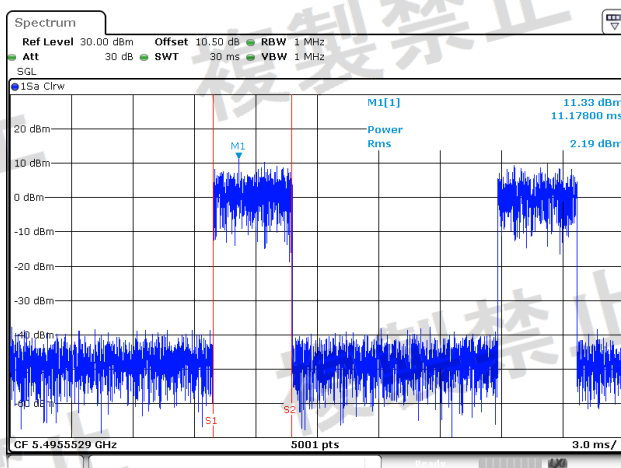
ProjectNo.:2501X20051E-RF Tester:Kungfumaater Liang  
Date: 30,SEP,2025 02:57:38

802.11ac40, High Channel



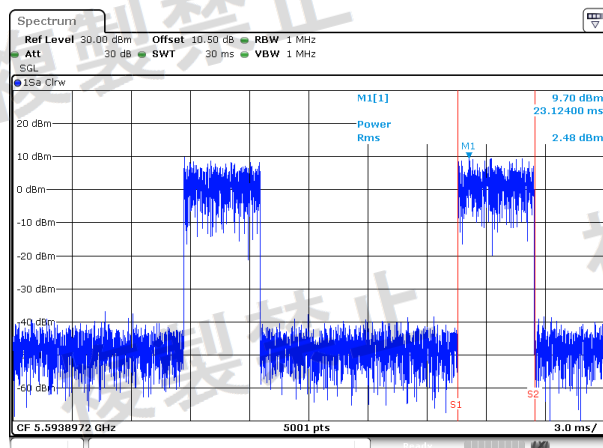
ProjectNo.:2501X20051E-RF Tester:Kungfumaater Liang  
Date: 30,SEP,2025 03:06:03

802.11ax20, Low Channel



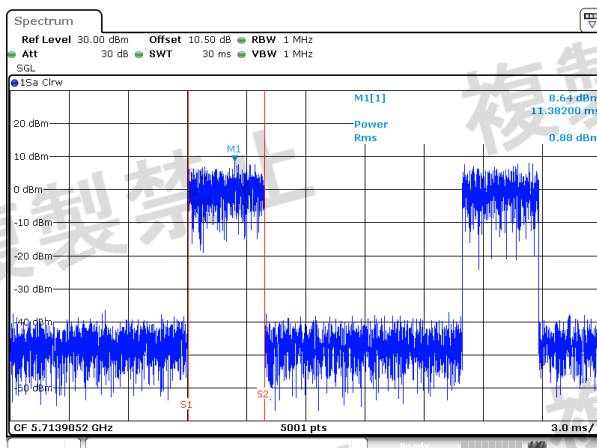
ProjectNo.:2501X20051E-RF Tester:Kungfumaater Liang  
Date: 30,SEP,2025 22:48:26

802.11ax20, Middle Channel



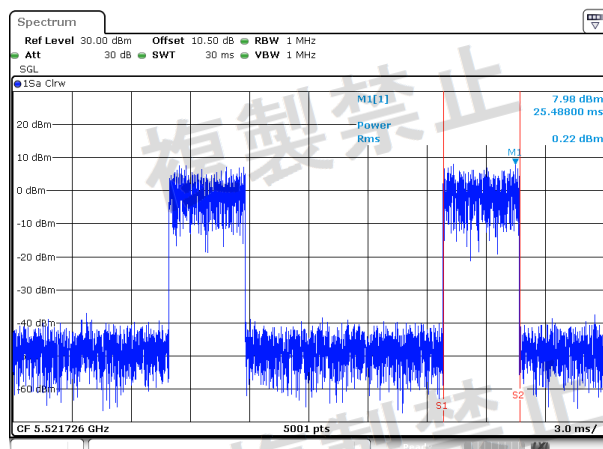
ProjectNo.:2501X20051E-RF Tester:Kungfumaater Liang  
Date: 30.SEP.2025 22:44:55

802.11ax20, High Channel



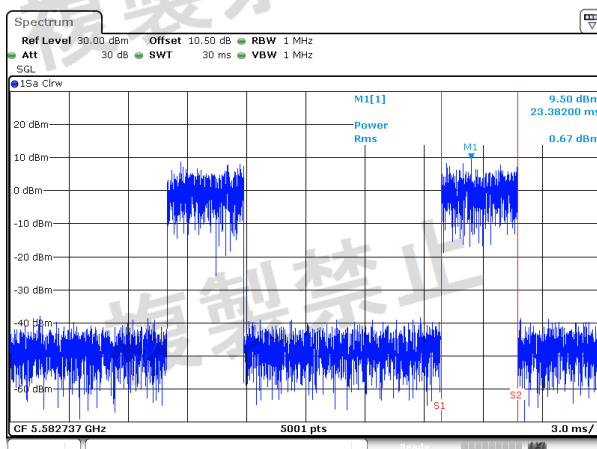
ProjectNo.:2501X20051E-RF Tester:Kungfumaater Liang  
Date: 30.SEP.2025 22:53:52

802.11ax40, Low Channel



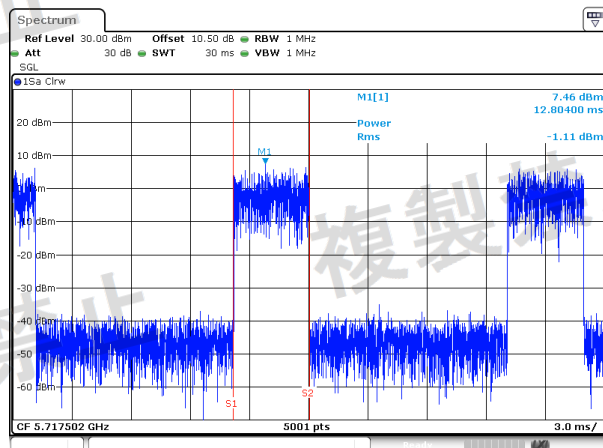
ProjectNo.:2501X20051E-RF Tester:Kungfumaater Liang  
Date: 30.SEP.2025 23:09:49

802.11ax40, Middle Channel



ProjectNo.:2501X20051E-RF Tester:Kungfumaater Liang  
Date: 30.SEP.2025 23:16:15

802.11ax40, High Channel



ProjectNo.:2501X20051E-RF Tester:Kungfumaater Liang  
Date: 30.SEP.2025 23:21:45

**Adjacent Channel Power****Test Information:**

|                    |                    |                     |                       |
|--------------------|--------------------|---------------------|-----------------------|
| <b>Sample No.:</b> | 3A1I-1             | <b>Test Date:</b>   | 2025/09/29~2025/09/30 |
| <b>Test Site:</b>  | RF                 | <b>Test Mode:</b>   | Transmitting          |
| <b>Tester:</b>     | Kungfumaster Liang | <b>Test Result:</b> | Pass                  |

**Environmental Conditions:**

|                             |           |                                  |       |                               |             |
|-----------------------------|-----------|----------------------------------|-------|-------------------------------|-------------|
| <b>Temperature:</b><br>(°C) | 24.8-25.6 | <b>Relative Humidity:</b><br>(%) | 50-54 | <b>ATM Pressure:</b><br>(kPa) | 101.1-101.4 |
|-----------------------------|-----------|----------------------------------|-------|-------------------------------|-------------|

**Test Condition: NV****5.2G**

| Mode       | Frequency offset(MHz) | Result(dBc) |                |              | Limit (dBc) | Verdict |
|------------|-----------------------|-------------|----------------|--------------|-------------|---------|
|            |                       | Low Channel | Middle Channel | High Channel |             |         |
| 802.11a    | -20                   | 33.98       | 31.57          | 32.69        | ≥ 25        | Pass    |
|            | +20                   | 32.84       | 32.77          | 32.30        | ≥ 25        | Pass    |
|            | -40                   | 47.78       | 47.52          | 47.91        | ≥ 40        | Pass    |
|            | +40                   | 47.28       | 47.42          | 47.73        | ≥ 40        | Pass    |
| 802.11ac20 | -20                   | 27.83       | 28.53          | 28.91        | ≥ 25        | Pass    |
|            | +20                   | 27.70       | 27.25          | 27.79        | ≥ 25        | Pass    |
|            | -40                   | 46.20       | 46.46          | 47.07        | ≥ 40        | Pass    |
|            | +40                   | 46.11       | 46.37          | 46.59        | ≥ 40        | Pass    |
| 802.11ac40 | -40                   | 33.96       | /              | 33.80        | ≥ 25        | Pass    |
|            | +40                   | 32.88       | /              | 30.87        | ≥ 25        | Pass    |
|            | -80                   | 44.47       | /              | 45.23        | ≥ 40        | Pass    |
|            | +80                   | 44.44       | /              | 44.75        | ≥ 40        | Pass    |
| 802.11ax20 | -20                   | 27.84       | 28.33          | 29.37        | ≥ 25        | Pass    |
|            | +20                   | 27.62       | 26.99          | 28.43        | ≥ 25        | Pass    |
|            | -40                   | 43.29       | 43.08          | 44.01        | ≥ 40        | Pass    |
|            | +40                   | 43.51       | 43.12          | 43.65        | ≥ 40        | Pass    |
| 802.11ax40 | -40                   | 34.70       | /              | 34.26        | ≥ 25        | Pass    |
|            | +40                   | 33.93       | /              | 33.31        | ≥ 25        | Pass    |
|            | -80                   | 42.67       | /              | 43.03        | ≥ 40        | Pass    |
|            | +80                   | 42.64       | /              | 43.08        | ≥ 40        | Pass    |

## 5.3G

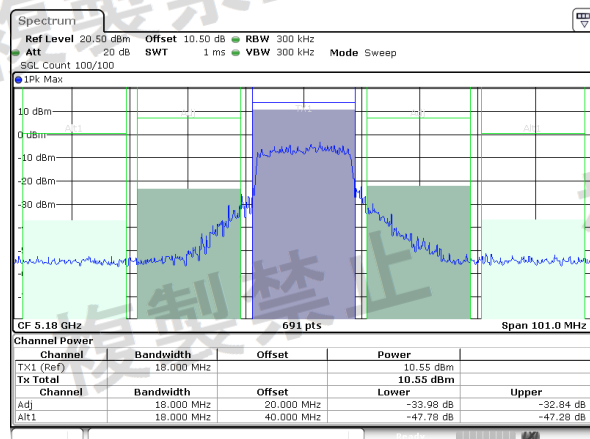
| Mode       | Frequency offset(MHz) | Result(dBc) |                |              | Limit (dBc) | Verdict |
|------------|-----------------------|-------------|----------------|--------------|-------------|---------|
|            |                       | Low Channel | Middle Channel | High Channel |             |         |
| 802.11a    | -20                   | 33.02       | 32.39          | 33.32        | $\geq 25$   | Pass    |
|            | +20                   | 34.48       | 33.02          | 32.52        | $\geq 25$   | Pass    |
|            | -40                   | 47.63       | 47.67          | 47.75        | $\geq 40$   | Pass    |
|            | +40                   | 47.10       | 47.21          | 47.59        | $\geq 40$   | Pass    |
| 802.11ac20 | -20                   | 28.41       | 28.71          | 28.40        | $\geq 25$   | Pass    |
|            | +20                   | 28.15       | 27.14          | 27.67        | $\geq 25$   | Pass    |
|            | -40                   | 47.16       | 47.05          | 46.35        | $\geq 40$   | Pass    |
|            | +40                   | 46.76       | 46.60          | 45.84        | $\geq 40$   | Pass    |
| 802.11ac40 | -40                   | 34.22       | /              | 33.95        | $\geq 25$   | Pass    |
|            | +40                   | 32.77       | /              | 31.69        | $\geq 25$   | Pass    |
|            | -80                   | 46.68       | /              | 46.34        | $\geq 40$   | Pass    |
|            | +80                   | 45.90       | /              | 45.77        | $\geq 40$   | Pass    |
| 802.11ax20 | -20                   | 28.03       | 28.50          | 27.98        | $\geq 25$   | Pass    |
|            | +20                   | 27.27       | 27.86          | 27.67        | $\geq 25$   | Pass    |
|            | -40                   | 44.52       | 44.39          | 43.58        | $\geq 40$   | Pass    |
|            | +40                   | 44.17       | 43.85          | 43.33        | $\geq 40$   | Pass    |
| 802.11ax40 | -40                   | 34.78       | /              | 35.08        | $\geq 25$   | Pass    |
|            | +40                   | 33.00       | /              | 33.89        | $\geq 25$   | Pass    |
|            | -80                   | 44.45       | /              | 44.24        | $\geq 40$   | Pass    |
|            | +80                   | 44.00       | /              | 43.74        | $\geq 40$   | Pass    |

## 5.6G

| Mode       | Frequency offset(MHz) | Result(dBc) |                |              | Limit (dBc) | Verdict |
|------------|-----------------------|-------------|----------------|--------------|-------------|---------|
|            |                       | Low Channel | Middle Channel | High Channel |             |         |
| 802.11a    | -20                   | 30.56       | 31.81          | 31.74        | $\geq 25$   | Pass    |
|            | +20                   | 31.99       | 31.85          | 32.38        | $\geq 25$   | Pass    |
|            | -40                   | 44.37       | 45.56          | 44.16        | $\geq 40$   | Pass    |
|            | +40                   | 44.77       | 45.31          | 42.86        | $\geq 40$   | Pass    |
| 802.11ac20 | -20                   | 27.46       | 27.10          | 27.79        | $\geq 25$   | Pass    |
|            | +20                   | 26.73       | 27.38          | 27.54        | $\geq 25$   | Pass    |
|            | -40                   | 43.87       | 43.52          | 43.25        | $\geq 40$   | Pass    |
|            | +40                   | 44.03       | 43.37          | 42.56        | $\geq 40$   | Pass    |
| 802.11ac40 | -40                   | 30.47       | 29.83          | 30.54        | $\geq 25$   | Pass    |
|            | +40                   | 29.85       | 30.35          | 30.34        | $\geq 25$   | Pass    |
|            | -80                   | 42.87       | 42.50          | 42.06        | $\geq 40$   | Pass    |
|            | +80                   | 43.22       | 42.42          | 40.57        | $\geq 40$   | Pass    |
| 802.11ax20 | -20                   | 28.57       | 27.15          | 27.58        | $\geq 25$   | Pass    |
|            | +20                   | 27.37       | 28.35          | 26.94        | $\geq 25$   | Pass    |
|            | -40                   | 44.66       | 44.05          | 43.52        | $\geq 40$   | Pass    |
|            | +40                   | 45.36       | 44.85          | 42.34        | $\geq 40$   | Pass    |
| 802.11ax40 | -40                   | 30.83       | 30.46          | 31.19        | $\geq 25$   | Pass    |
|            | +40                   | 31.25       | 31.35          | 32.11        | $\geq 25$   | Pass    |
|            | -80                   | 43.23       | 41.98          | 42.92        | $\geq 40$   | Pass    |
|            | +80                   | 43.54       | 42.87          | 41.44        | $\geq 40$   | Pass    |

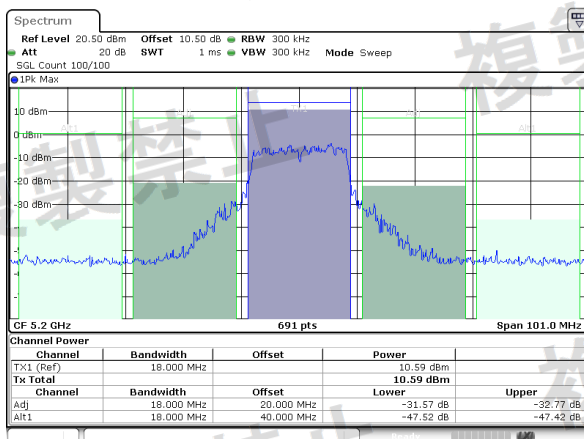
## W52, Test Condition: NV

## 802.11a, Low Channel



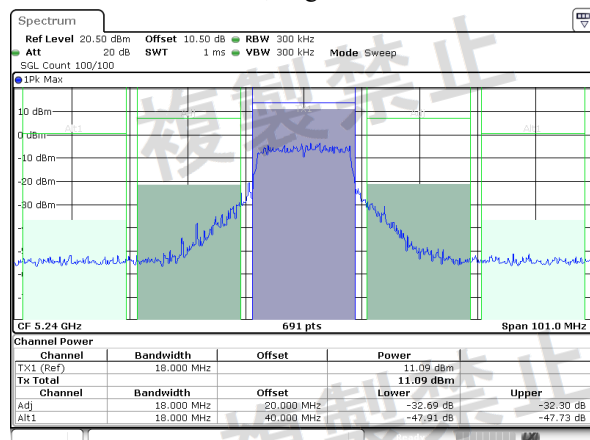
ProjectNo.:2501X20051E-RF Tester:Kungfumaester Liang  
Date: 29.SEP.2025 21:52:55

## 802.11a, Middle Channel



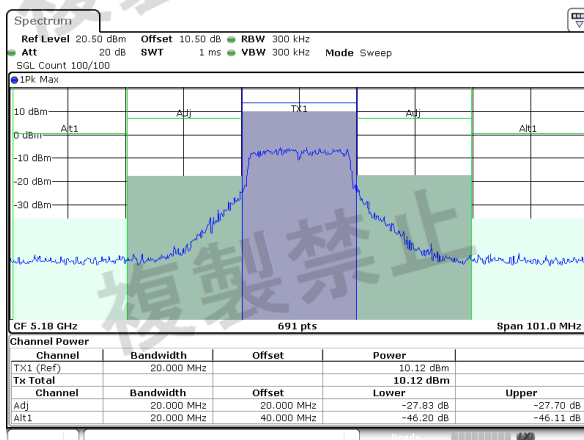
ProjectNo.:2501X20051E-RF Tester:Kungfumaester Liang  
Date: 29.SEP.2025 22:09:00

## 802.11a, High Channel



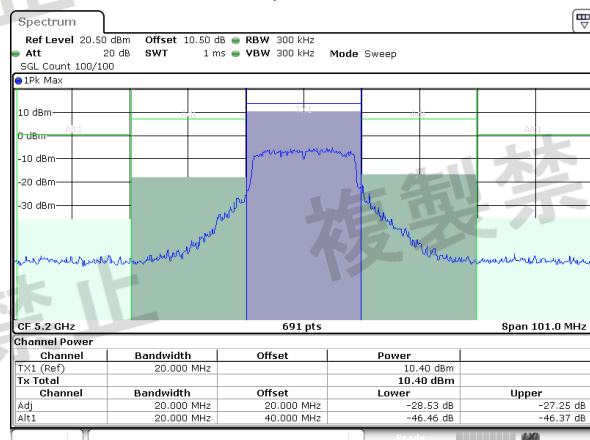
ProjectNo.:2501X20051E-RF Tester:Kungfumaester Liang  
Date: 29.SEP.2025 22:16:22

## 802.11ac20, Low Channel



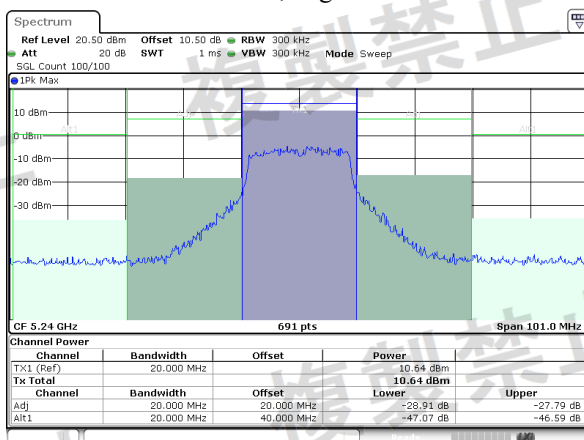
ProjectNo.:2501X20051E-RF Tester:Kungfumaester Liang  
Date: 29.SEP.2025 22:42:17

## 802.11ac20, Middle Channel



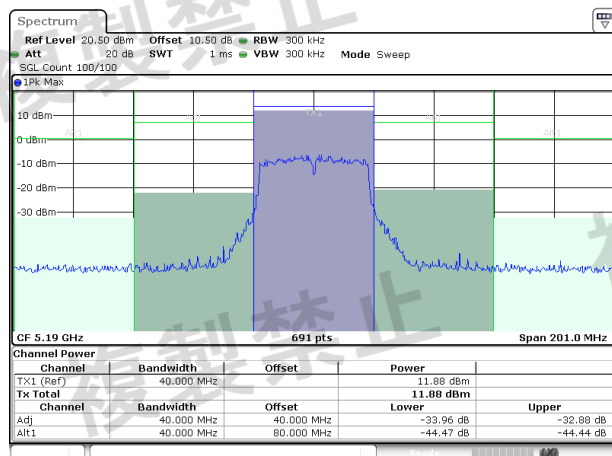
ProjectNo.:2501X20051E-RF Tester:Kungfumaester Liang  
Date: 29.SEP.2025 22:52:00

## 802.11ac20, High Channel



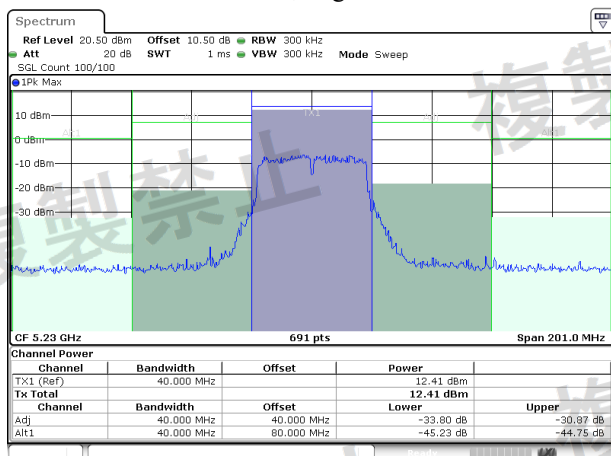
ProjectNo.:2501X20051E-RF Tester:Kungfumaester Liang  
Date: 29.SEP.2025 22:33:28

## 802.11ac40, Low Channel



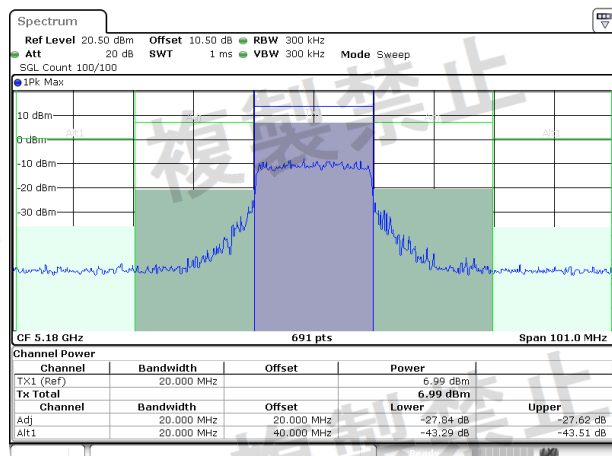
ProjectNo.:2501X20051E-RF Tester:Kungfumaaster Liang  
Date: 29\_SEP.2025 23:15:20

## 802.11ac40, High Channel



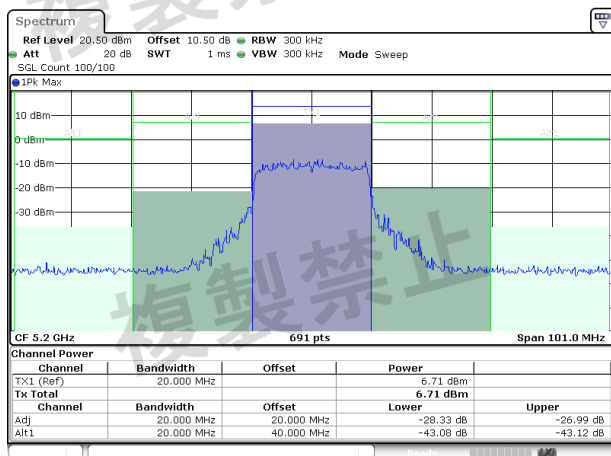
ProjectNo.:2501X20051E-RF Tester:Kungfumaaster Liang  
Date: 29\_SEP.2025 23:06:33

## 802.11ax20, Low Channel



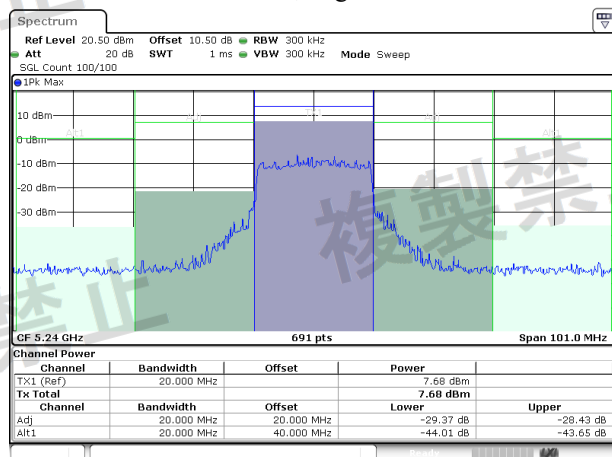
ProjectNo.:2501X20051E-RF Tester:Kungfumaaster Liang  
Date: 30\_SEP.2025 19:48:28

## 802.11ax20, Middle Channel



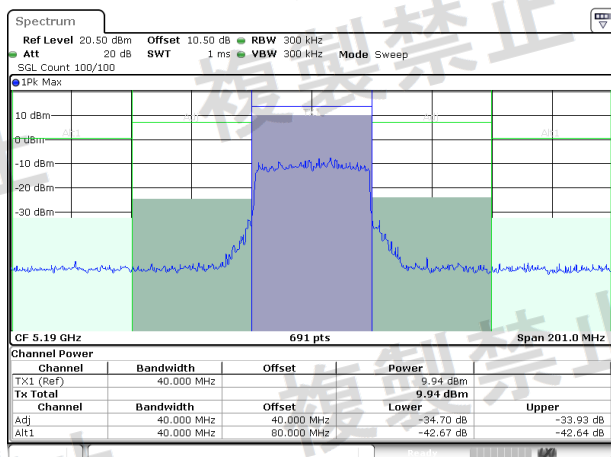
ProjectNo.:2501X20051E-RF Tester:Kungfumaaster Liang  
Date: 30\_SEP.2025 19:59:03

## 802.11ax20, High Channel



ProjectNo.:2501X20051E-RF Tester:Kungfumaaster Liang  
Date: 30\_SEP.2025 19:39:28

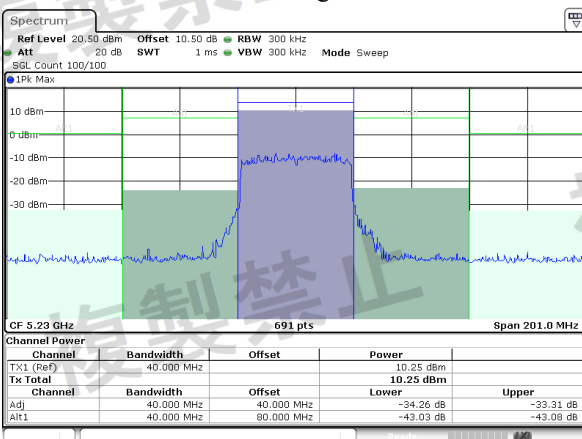
## 802.11ax40, Low Channel



ProjectNo.:2501X20051E-RF Tester:Kungfumaaster Liang  
Date: 30\_SEP.2025 20:47:02

## W53, Test Condition: NV

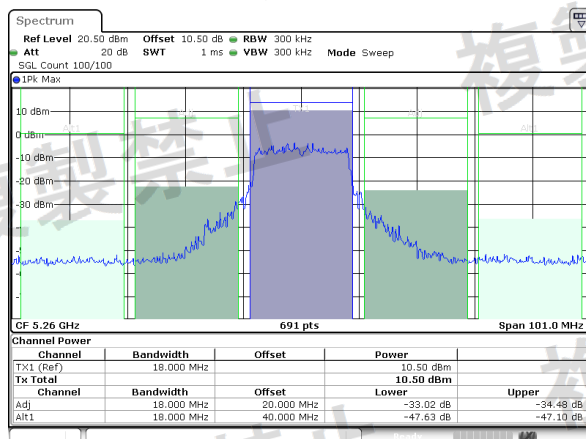
802.11ax40, High Channel



ProjectNo.:2501X20051E-RF Tester:Kungfumaster Liang

Date: 30.SEP.2025 20:33:38

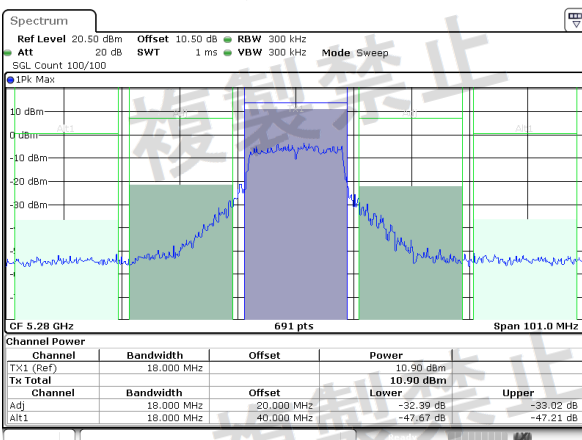
802.11a, Low Channel



ProjectNo.:2501X20051E-RF Tester:Kungfumaster Liang

Date: 29.SEP.2025 23:55:04

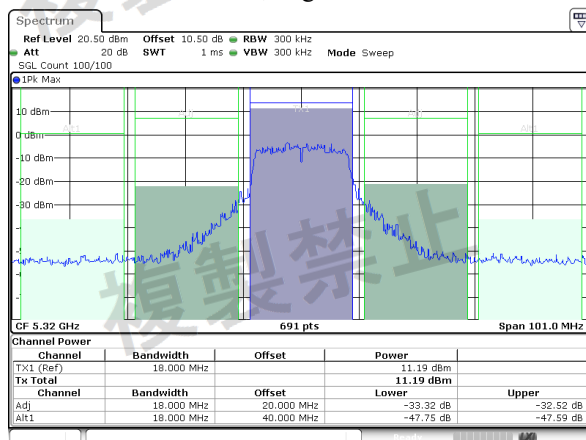
802.11a, Middle Channel



ProjectNo.:2501X20051E-RF Tester:Kungfumaster Liang

Date: 30.SEP.2025 00:02:54

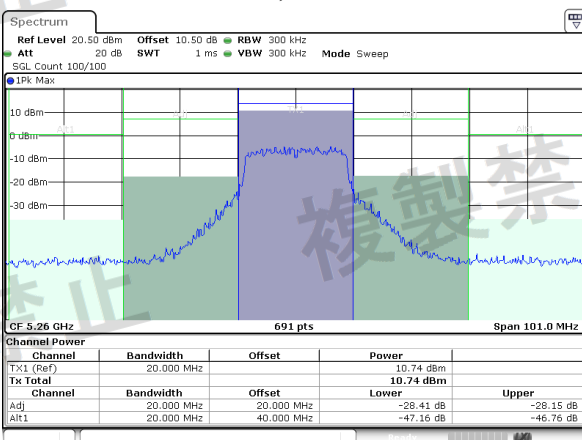
802.11a, High Channel



ProjectNo.:2501X20051E-RF Tester:Kungfumaster Liang

Date: 30.SEP.2025 00:08:59

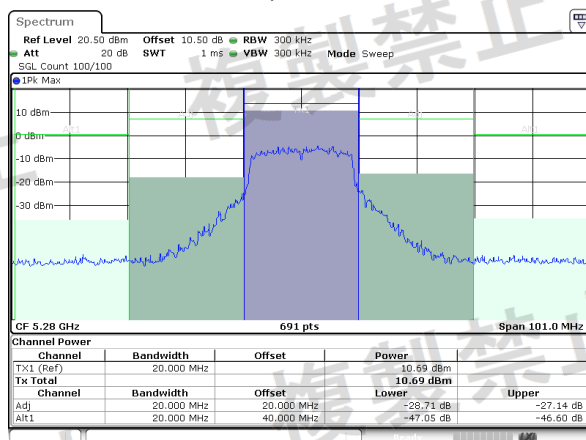
802.11ac20, Low Channel



ProjectNo.:2501X20051E-RF Tester:Kungfumaster Liang

Date: 30.SEP.2025 00:21:27

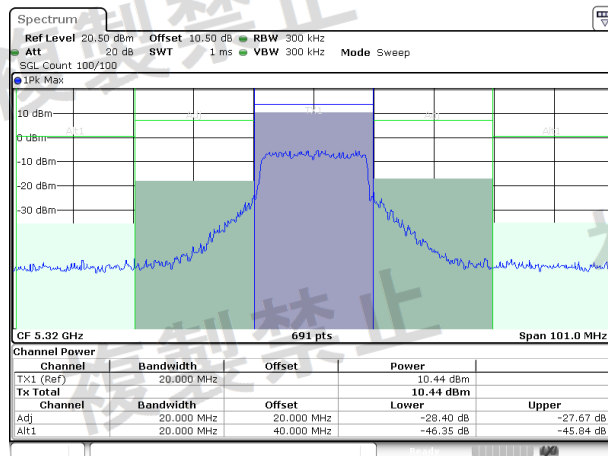
802.11ac20, Middle Channel



ProjectNo.:2501X20051E-RF Tester:Kungfumaster Liang

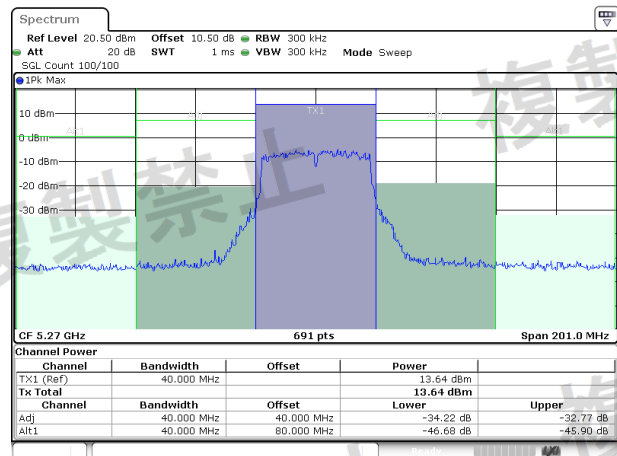
Date: 30.SEP.2025 00:41:22

## 802.11ac20, High Channel



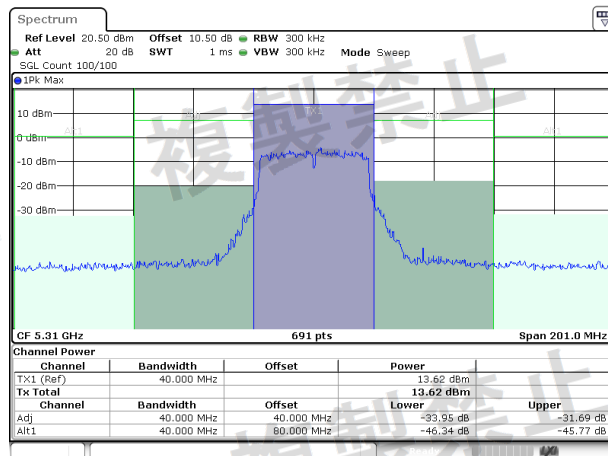
ProjectNo.:2501X20051E-RF Tester:Kungfumaaster Liang  
Date: 30.SEP.2025 00:48:51

## 802.11ac40, Low Channel



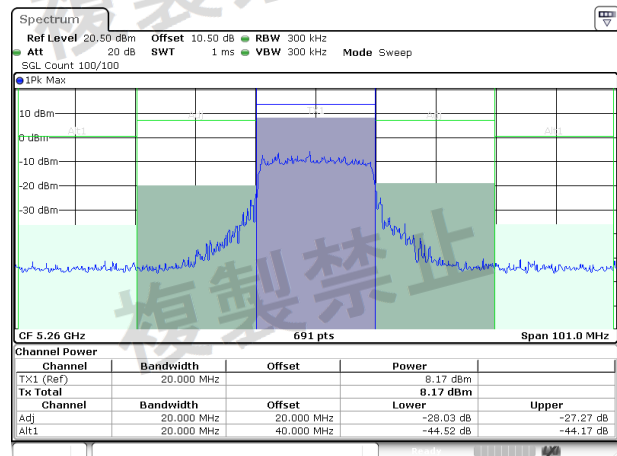
ProjectNo.:2501X20051E-RF Tester:Kungfumaaster Liang  
Date: 30.SEP.2025 00:56:48

## 802.11ac40, High Channel



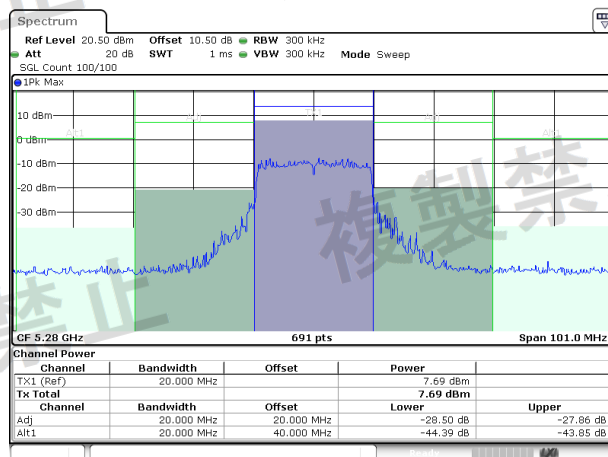
ProjectNo.:2501X20051E-RF Tester:Kungfumaaster Liang  
Date: 30.SEP.2025 01:06:47

## 802.11ax20, Low Channel



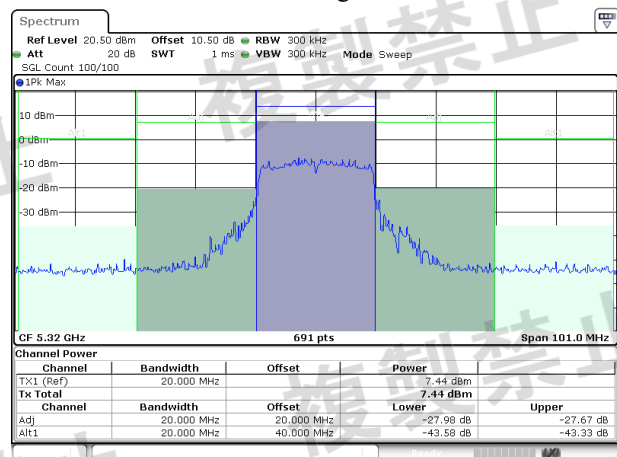
ProjectNo.:2501X20051E-RF Tester:Kungfumaaster Liang  
Date: 30.SEP.2025 21:02:43

## 802.11ax20, Middle Channel



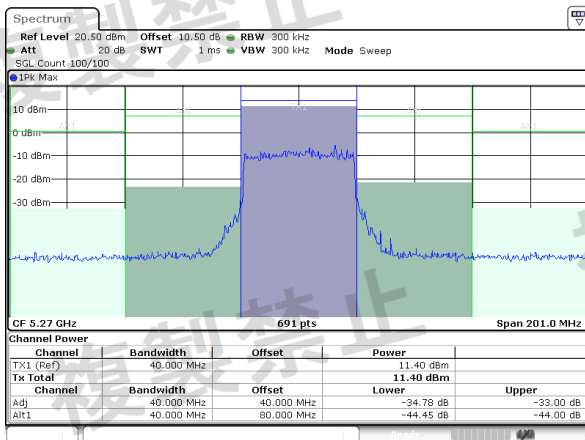
ProjectNo.:2501X20051E-RF Tester:Kungfumaaster Liang  
Date: 30.SEP.2025 21:12:08

## 802.11ax20, High Channel



ProjectNo.:2501X20051E-RF Tester:Kungfumaaster Liang  
Date: 30.SEP.2025 21:19:36

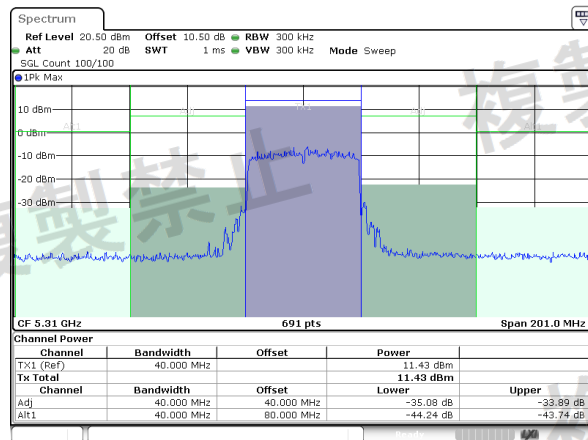
## 802.11ax40, Low Channel



ProjectNo.:2501X20051E-RF Tester:Kungfumaister Liang

Date: 30.SEP.2025 21:35:32

## 802.11ax40, High Channel

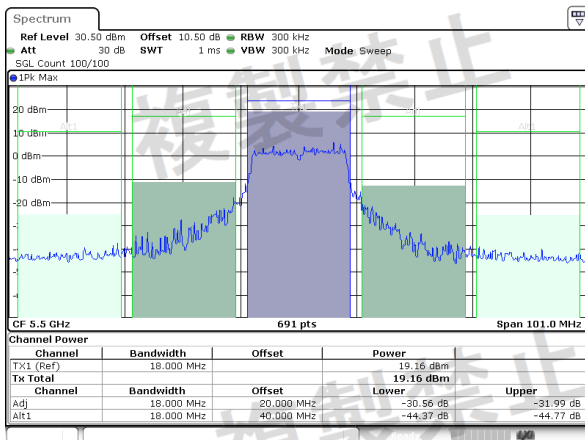


ProjectNo.:2501X20051E-RF Tester:Kungfumaister Liang

Date: 30.SEP.2025 21:42:44

## W56, Test Condition: NV

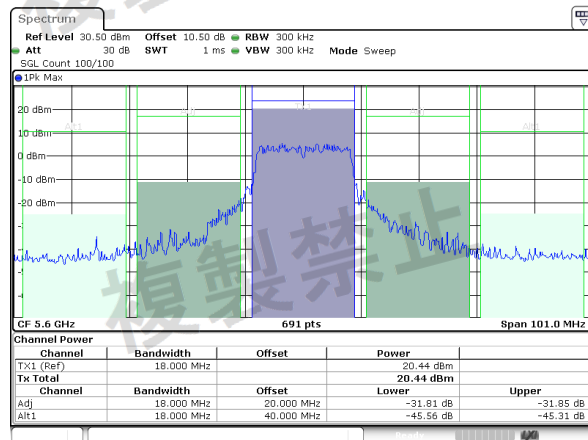
## 802.11a, Low Channel



ProjectNo.:2501X20051E-RF Tester:Kungfumaister Liang

Date: 30.SEP.2025 01:46:38

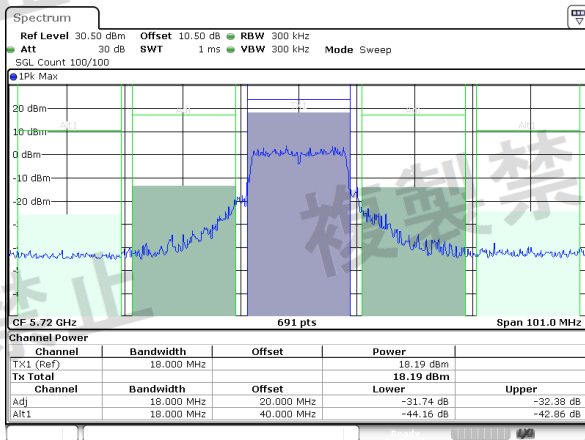
## 802.11a, Middle Channel



ProjectNo.:2501X20051E-RF Tester:Kungfumaister Liang

Date: 30.SEP.2025 01:55:14

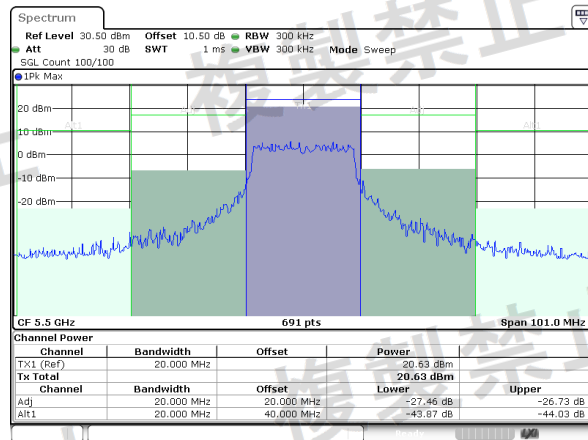
## 802.11a, High Channel



ProjectNo.:2501X20051E-RF Tester:Kungfumaister Liang

Date: 30.SEP.2025 01:33:04

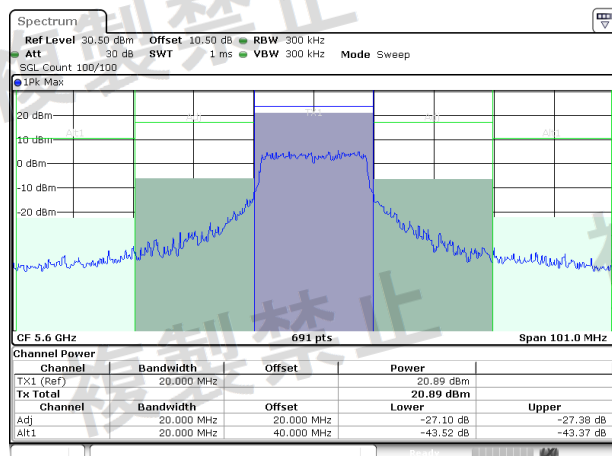
## 802.11ac20, Low Channel



ProjectNo.:2501X20051E-RF Tester:Kungfumaister Liang

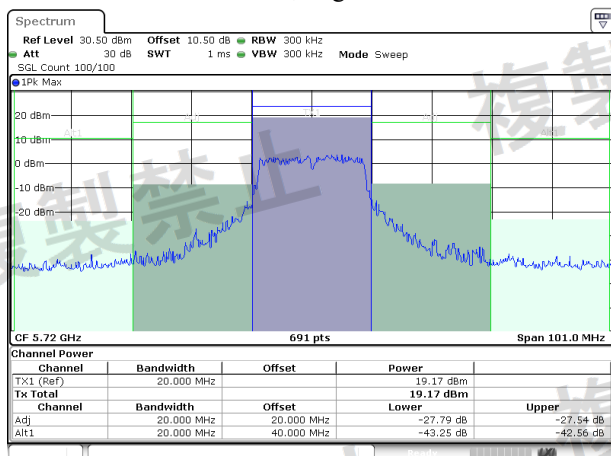
Date: 30.SEP.2025 02:31:18

802.11ac20, Middle Channel



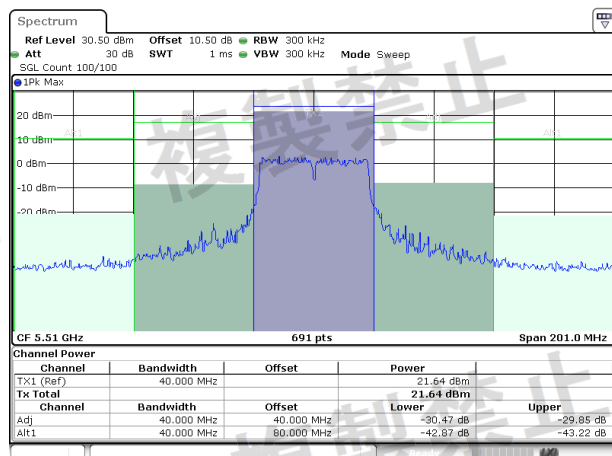
ProjectNo.:2501X20051E-RF Tester:Kungfumaaster Liang  
Date: 30.SEP.2025 02:38:07

802.11ac20, High Channel



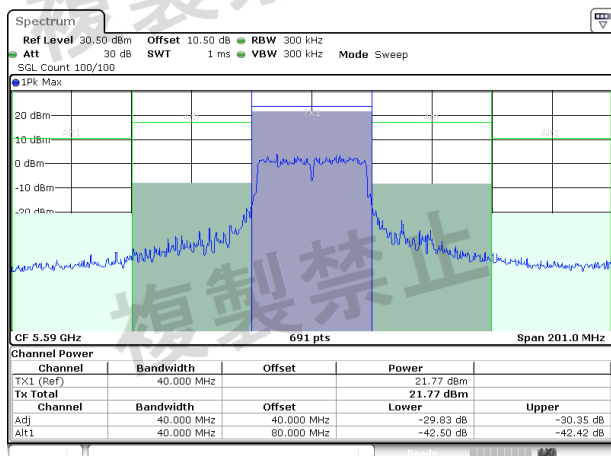
ProjectNo.:2501X20051E-RF Tester:Kungfumaaster Liang  
Date: 30.SEP.2025 02:44:39

802.11ac40, Low Channel



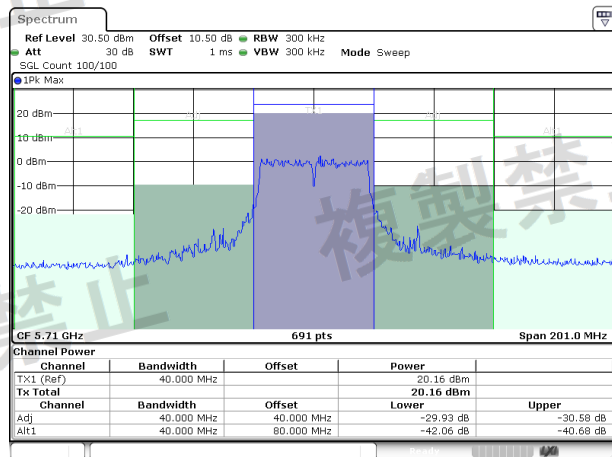
ProjectNo.:2501X20051E-RF Tester:Kungfumaaster Liang  
Date: 30.SEP.2025 02:51:49

802.11ac40, Middle Channel



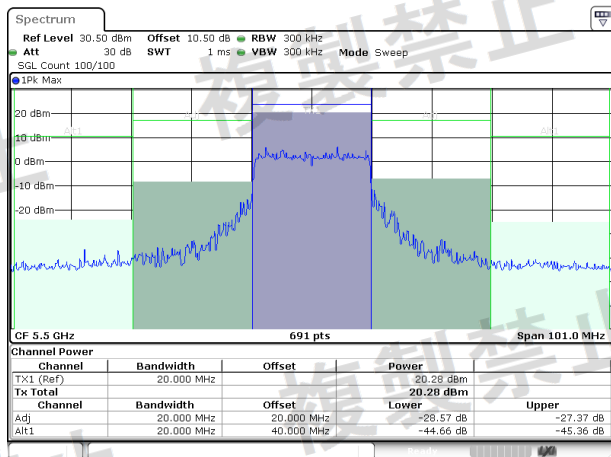
ProjectNo.:2501X20051E-RF Tester:Kungfumaaster Liang  
Date: 30.SEP.2025 02:57:47

802.11ac40, High Channel



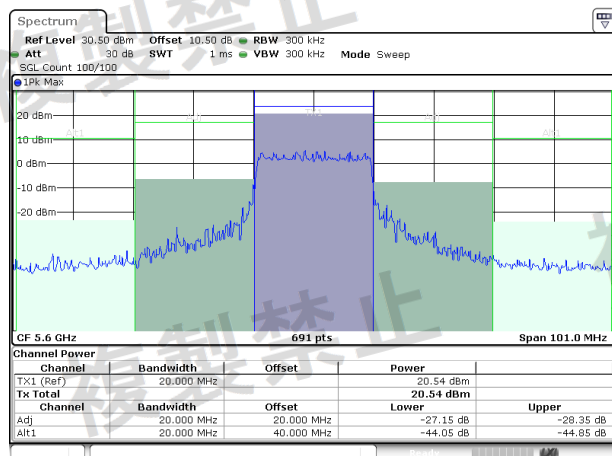
ProjectNo.:2501X20051E-RF Tester:Kungfumaaster Liang  
Date: 30.SEP.2025 03:09:04

802.11ax20, Low Channel



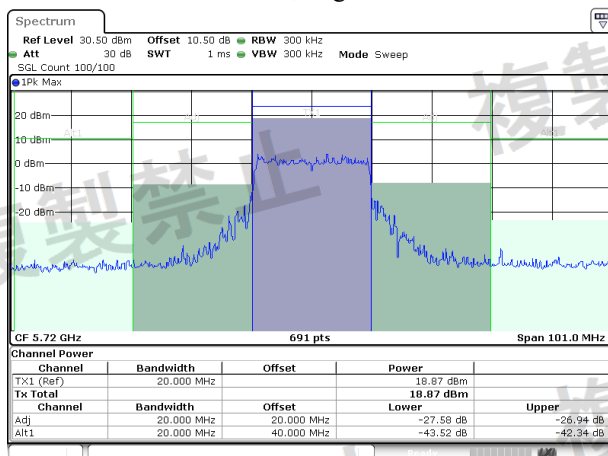
ProjectNo.:2501X20051E-RF Tester:Kungfumaaster Liang  
Date: 30.SEP.2025 22:39:40

## 802.11ax20, Middle Channel



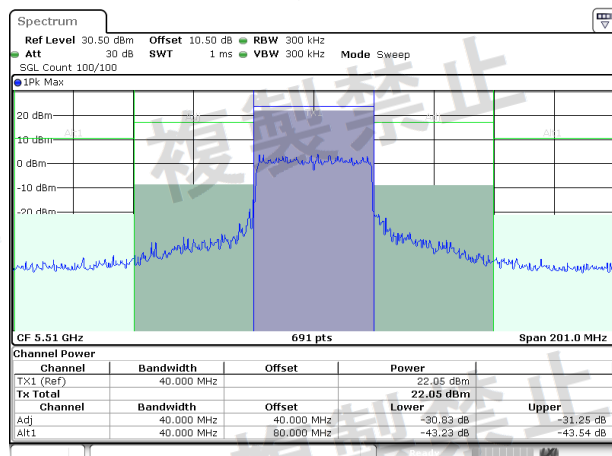
ProjectNo.:2501X20051E-RF Tester:Kungfumaister Liang  
Date: 30\_SEP.2025 22:45:09

## 802.11ax20, High Channel



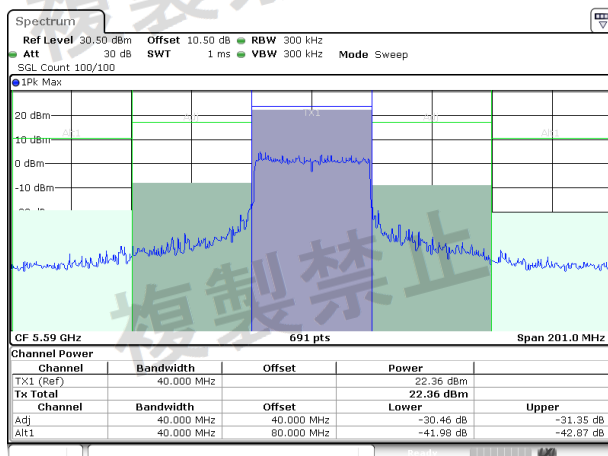
ProjectNo.:2501X20051E-RF Tester:Kungfumaister Liang  
Date: 30\_SEP.2025 22:33:42

## 802.11ax40, Low Channel



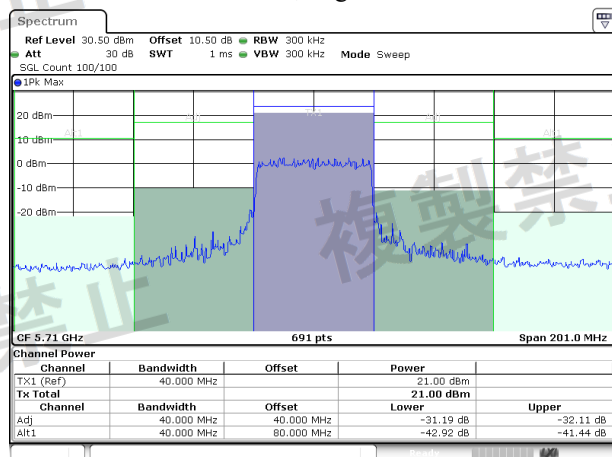
ProjectNo.:2501X20051E-RF Tester:Kungfumaister Liang  
Date: 30\_SEP.2025 23:09:59

## 802.11ax40, Middle Channel



ProjectNo.:2501X20051E-RF Tester:Kungfumaister Liang  
Date: 30\_SEP.2025 23:16:25

## 802.11ax40, High Channel



ProjectNo.:2501X20051E-RF Tester:Kungfumaister Liang  
Date: 30\_SEP.2025 23:21:55

**Secondary Radiated Emission Strength****Test Information:**

|                    |                    |                     |                       |
|--------------------|--------------------|---------------------|-----------------------|
| <b>Sample No.:</b> | 3A1I-1             | <b>Test Date:</b>   | 2025/09/30~2025/10/01 |
| <b>Test Site:</b>  | RF                 | <b>Test Mode:</b>   | Receiving             |
| <b>Tester:</b>     | Kungfumaster Liang | <b>Test Result:</b> | Pass                  |

**Environmental Conditions:**

|                             |           |                                  |       |                               |             |
|-----------------------------|-----------|----------------------------------|-------|-------------------------------|-------------|
| <b>Temperature:</b><br>(°C) | 24.8-25.6 | <b>Relative Humidity:</b><br>(%) | 50-54 | <b>ATM Pressure:</b><br>(kPa) | 101.1-101.4 |
|-----------------------------|-----------|----------------------------------|-------|-------------------------------|-------------|

**Test Condition: NV****5.2G**

| Mode       | Channel | Frequency Range |               | Max.Emission<br>Located(MHz) | Max.Emission    |                | Limit<br>(nW) | Verdict |
|------------|---------|-----------------|---------------|------------------------------|-----------------|----------------|---------------|---------|
|            |         | Start<br>(MHz)  | Stop<br>(MHz) |                              | Result<br>(dBm) | Result<br>(nW) |               |         |
| 802.11a    | Low     | 30              | 1000          | 992.4825                     | -67.04          | 0.198          | 4             | Pass    |
|            |         | 1000            | 26000         | 18331.25                     | -51.60          | 6.918          | 20            | Pass    |
|            | Middle  | 30              | 1000          | 946.8925                     | -66.53          | 0.222          | 4             | Pass    |
|            |         | 1000            | 26000         | 15581.25                     | -51.53          | 7.031          | 20            | Pass    |
|            | High    | 30              | 1000          | 358.1025                     | -66.69          | 0.214          | 4             | Pass    |
|            |         | 1000            | 26000         | 15593.75                     | -51.40          | 7.244          | 20            | Pass    |
| 802.11ac20 | Low     | 30              | 1000          | 237.8225                     | -66.55          | 0.221          | 4             | Pass    |
|            |         | 1000            | 26000         | 18293.75                     | -51.10          | 7.762          | 20            | Pass    |
|            | Middle  | 30              | 1000          | 882.8725                     | -66.15          | 0.243          | 4             | Pass    |
|            |         | 1000            | 26000         | 18256.25                     | -51.83          | 6.561          | 20            | Pass    |
|            | High    | 30              | 1000          | 951.2575                     | -66.46          | 0.226          | 4             | Pass    |
|            |         | 1000            | 26000         | 18306.25                     | -51.60          | 6.918          | 20            | Pass    |
| 802.11ac40 | Low     | 30              | 1000          | 243.1575                     | -66.77          | 0.210          | 4             | Pass    |
|            |         | 1000            | 26000         | 18293.75                     | -51.34          | 7.345          | 20            | Pass    |
|            | High    | 30              | 1000          | 973.0825                     | -66.60          | 0.219          | 4             | Pass    |
|            |         | 1000            | 26000         | 24668.75                     | -50.88          | 8.166          | 20            | Pass    |
| 802.11ax20 | Low     | 30              | 1000          | 808.6675                     | -66.23          | 0.238          | 4             | Pass    |
|            |         | 1000            | 26000         | 18281.25                     | -51.64          | 6.855          | 20            | Pass    |
|            | Middle  | 30              | 1000          | 715.0625                     | -66.36          | 0.231          | 4             | Pass    |
|            |         | 1000            | 26000         | 15568.75                     | -51.03          | 7.889          | 20            | Pass    |
|            | High    | 30              | 1000          | 910.5175                     | -66.37          | 0.231          | 4             | Pass    |
|            |         | 1000            | 26000         | 18293.75                     | -51.60          | 6.918          | 20            | Pass    |
| 802.11ax40 | Low     | 30              | 1000          | 908.0925                     | -66.47          | 0.225          | 4             | Pass    |
|            |         | 1000            | 26000         | 15606.25                     | -51.81          | 6.592          | 20            | Pass    |
|            | High    | 30              | 1000          | 329.0025                     | -66.89          | 0.205          | 4             | Pass    |
|            |         | 1000            | 26000         | 18268.75                     | -51.61          | 6.902          | 20            | Pass    |

## 5.3G

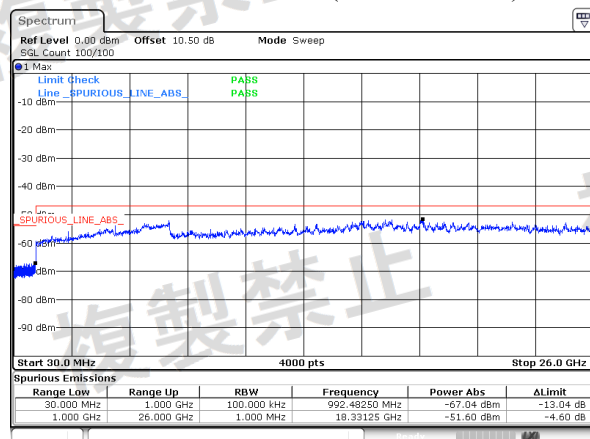
| 802.11a    | Channel | Frequency Range |               | Max.Emission<br>Located(MHz) | Max.Emission    |                | Limit<br>(nW) | Verdict |
|------------|---------|-----------------|---------------|------------------------------|-----------------|----------------|---------------|---------|
|            |         | Start<br>(MHz)  | Stop<br>(MHz) |                              | Result<br>(dBm) | Result<br>(nW) |               |         |
| 802.11a    | Low     | 30              | 1000          | 787.8125                     | -67.31          | 0.186          | 4             | Pass    |
|            |         | 1000            | 26000         | 18293.75                     | -51.72          | 6.730          | 20            | Pass    |
|            | Middle  | 30              | 1000          | 928.4625                     | -66.36          | 0.231          | 4             | Pass    |
|            |         | 1000            | 26000         | 16568.75                     | -51.00          | 7.943          | 20            | Pass    |
|            | High    | 30              | 1000          | 958.0475                     | -67.05          | 0.197          | 4             | Pass    |
|            |         | 1000            | 26000         | 23331.25                     | -52.17          | 6.067          | 20            | Pass    |
| 802.11ac20 | Low     | 30              | 1000          | 831.4625                     | -66.71          | 0.213          | 4             | Pass    |
|            |         | 1000            | 26000         | 18281.25                     | -51.40          | 7.244          | 20            | Pass    |
|            | Middle  | 30              | 1000          | 184.4725                     | -66.50          | 0.224          | 4             | Pass    |
|            |         | 1000            | 26000         | 17281.25                     | -51.28          | 7.447          | 20            | Pass    |
|            | High    | 30              | 1000          | 916.8225                     | -66.10          | 0.245          | 4             | Pass    |
|            |         | 1000            | 26000         | 14943.75                     | -51.63          | 6.871          | 20            | Pass    |
| 802.11ac40 | Low     | 30              | 1000          | 853.2875                     | -66.39          | 0.230          | 4             | Pass    |
|            |         | 1000            | 26000         | 18306.25                     | -51.45          | 7.161          | 20            | Pass    |
|            | High    | 30              | 1000          | 225.2125                     | -66.95          | 0.202          | 4             | Pass    |
|            |         | 1000            | 26000         | 18293.75                     | -51.68          | 6.792          | 20            | Pass    |
| 802.11ax20 | Low     | 30              | 1000          | 888.6925                     | -66.53          | 0.222          | 4             | Pass    |
|            |         | 1000            | 26000         | 15956.25                     | -50.55          | 8.810          | 20            | Pass    |
|            | Middle  | 30              | 1000          | 972.5975                     | -66.98          | 0.200          | 4             | Pass    |
|            |         | 1000            | 26000         | 16868.75                     | -51.67          | 6.808          | 20            | Pass    |
|            | High    | 30              | 1000          | 558.4075                     | -67.12          | 0.194          | 4             | Pass    |
|            |         | 1000            | 26000         | 16893.75                     | -50.78          | 8.356          | 20            | Pass    |
| 802.11ax40 | Low     | 30              | 1000          | 754.3475                     | -66.10          | 0.245          | 4             | Pass    |
|            |         | 1000            | 26000         | 18306.25                     | -51.42          | 7.211          | 20            | Pass    |
|            | High    | 30              | 1000          | 961.4425                     | -66.40          | 0.229          | 4             | Pass    |
|            |         | 1000            | 26000         | 18281.25                     | -51.76          | 6.668          | 20            | Pass    |

## 5.6G

| Mode       | Channel | Frequency Range |               | Max.Emission<br>Located(MHz) | Max.Emission    |                | Limit<br>(nW) | Verdict |
|------------|---------|-----------------|---------------|------------------------------|-----------------|----------------|---------------|---------|
|            |         | Start<br>(MHz)  | Stop<br>(MHz) |                              | Result<br>(dBm) | Result<br>(nW) |               |         |
| 802.11a    | Low     | 30              | 1000          | 986.1775                     | -66.77          | 0.210          | 4             | Pass    |
|            |         | 1000            | 26000         | 18256.25                     | -51.87          | 6.501          | 20            | Pass    |
|            | Middle  | 30              | 1000          | 978.9025                     | -66.77          | 0.210          | 4             | Pass    |
|            |         | 1000            | 26000         | 16968.75                     | -50.27          | 9.397          | 20            | Pass    |
|            | High    | 30              | 1000          | 888.6925                     | -66.83          | 0.207          | 4             | Pass    |
|            |         | 1000            | 26000         | 18293.75                     | -51.30          | 7.413          | 20            | Pass    |
| 802.11ac20 | Low     | 30              | 1000          | 225.2125                     | -66.56          | 0.221          | 4             | Pass    |
|            |         | 1000            | 26000         | 18256.25                     | -51.37          | 7.295          | 20            | Pass    |
|            | Middle  | 30              | 1000          | 363.9225                     | -67.08          | 0.196          | 4             | Pass    |
|            |         | 1000            | 26000         | 16918.75                     | -51.46          | 7.145          | 20            | Pass    |
|            | High    | 30              | 1000          | 842.6175                     | -66.37          | 0.231          | 4             | Pass    |
|            |         | 1000            | 26000         | 18306.25                     | -51.08          | 7.798          | 20            | Pass    |
| 802.11ac40 | Low     | 30              | 1000          | 826.1275                     | -67.16          | 0.192          | 4             | Pass    |
|            |         | 1000            | 26000         | 18318.75                     | -51.81          | 6.592          | 20            | Pass    |
|            | Middle  | 30              | 1000          | 990.0575                     | -66.76          | 0.211          | 4             | Pass    |
|            |         | 1000            | 26000         | 15631.25                     | -51.08          | 7.798          | 20            | Pass    |
|            | High    | 30              | 1000          | 264.9825                     | -67.04          | 0.198          | 4             | Pass    |
|            |         | 1000            | 26000         | 18293.75                     | -51.17          | 7.638          | 20            | Pass    |
| 802.11ax20 | Low     | 30              | 1000          | 347.4325                     | -66.71          | 0.213          | 4             | Pass    |
|            |         | 1000            | 26000         | 20368.75                     | -52.03          | 6.266          | 20            | Pass    |
|            | Middle  | 30              | 1000          | 993.4525                     | -66.59          | 0.219          | 4             | Pass    |
|            |         | 1000            | 26000         | 18331.25                     | -51.46          | 7.145          | 20            | Pass    |
|            | High    | 30              | 1000          | 944.9525                     | -66.20          | 0.240          | 4             | Pass    |
|            |         | 1000            | 26000         | 17268.75                     | -51.51          | 7.063          | 20            | Pass    |
| 802.11ax40 | Low     | 30              | 1000          | 348.8875                     | -66.90          | 0.204          | 4             | Pass    |
|            |         | 1000            | 26000         | 18318.75                     | -50.70          | 8.511          | 20            | Pass    |
|            | Middle  | 30              | 1000          | 935.7375                     | -66.80          | 0.209          | 4             | Pass    |
|            |         | 1000            | 26000         | 16293.75                     | -51.36          | 7.311          | 20            | Pass    |
|            | High    | 30              | 1000          | 973.0825                     | -67.14          | 0.193          | 4             | Pass    |
|            |         | 1000            | 26000         | 18293.75                     | -51.55          | 6.998          | 20            | Pass    |

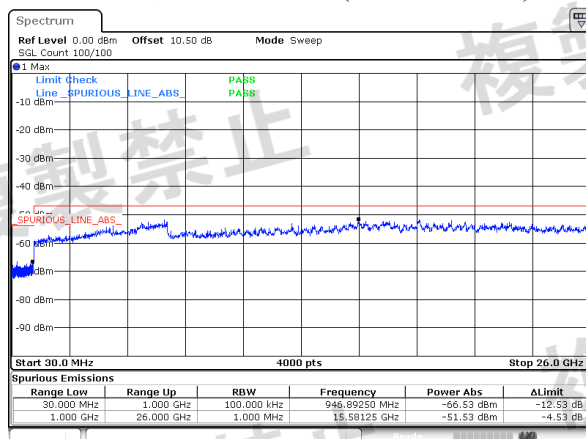
## W52, Test Condition: NV

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



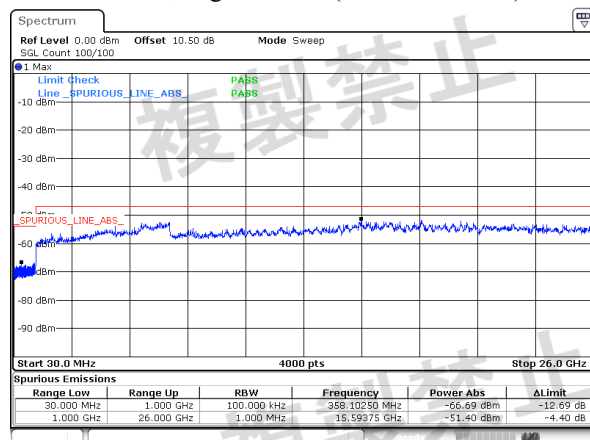
ProjectNo.:2501X20051E-RF Tester:Kungfumaster Liang  
Date: 30.SEP.2025 23:33:02

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



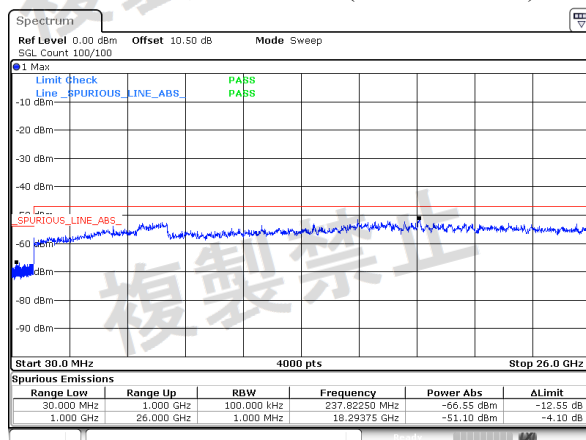
ProjectNo.:2501X20051E-RF Tester:Kungfumaster Liang  
Date: 30.SEP.2025 23:36:45

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



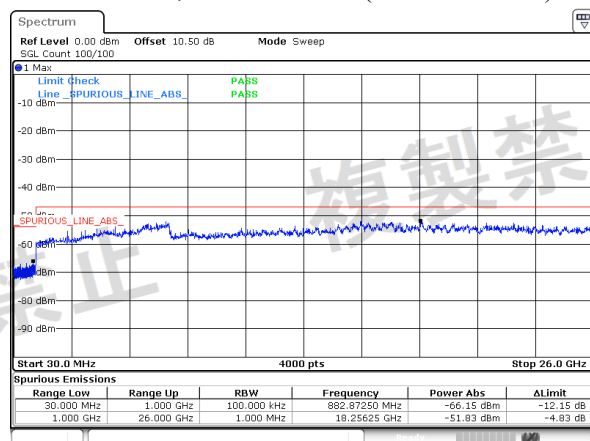
ProjectNo.:2501X20051E-RF Tester:Kungfumaster Liang  
Date: 30.SEP.2025 23:51:24

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



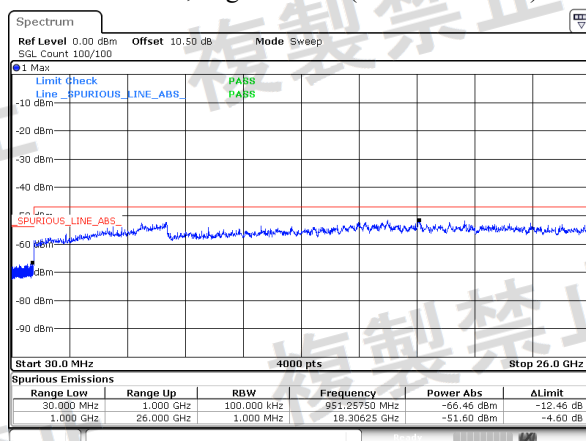
ProjectNo.:2501X20051E-RF Tester:Kungfumaster Liang  
Date: 30.SEP.2025 23:40:00

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



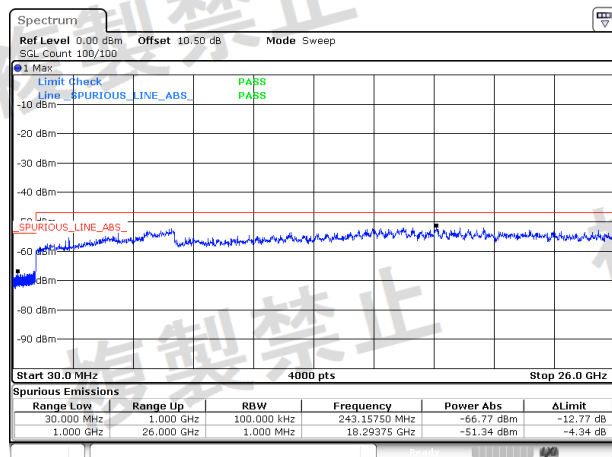
ProjectNo.:2501X20051E-RF Tester:Kungfumaster Liang  
Date: 30.SEP.2025 23:41:50

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



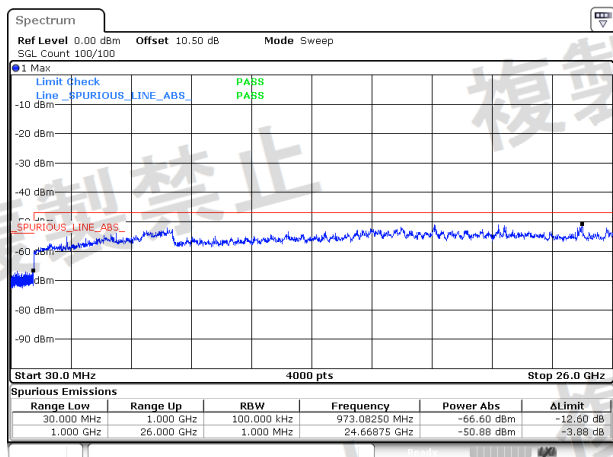
ProjectNo.:2501X20051E-RF Tester:Kungfumaster Liang  
Date: 30.SEP.2025 23:42:46

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



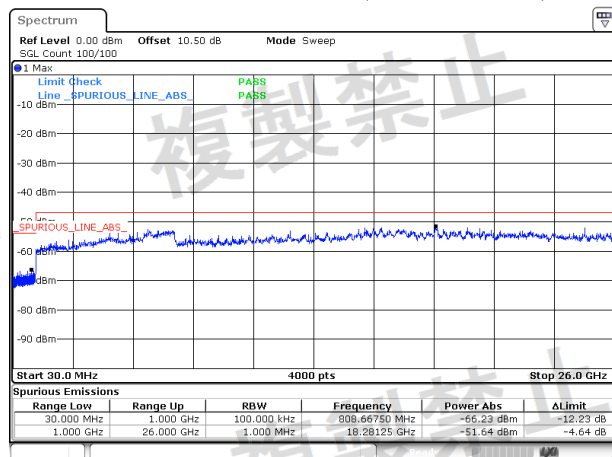
ProjectNo.:2501X20051E-RF Tester:Kungfumaster Liang  
Date: 30\_SEP.2025 23:43:42

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



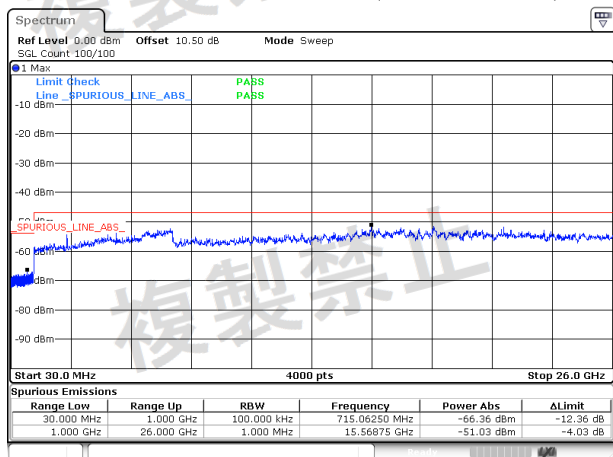
ProjectNo.:2501X20051E-RF Tester:Kungfumaster Liang  
Date: 30\_SEP.2025 23:44:38

## 802.11ax20, Low Channel(30MHz~26GHz)



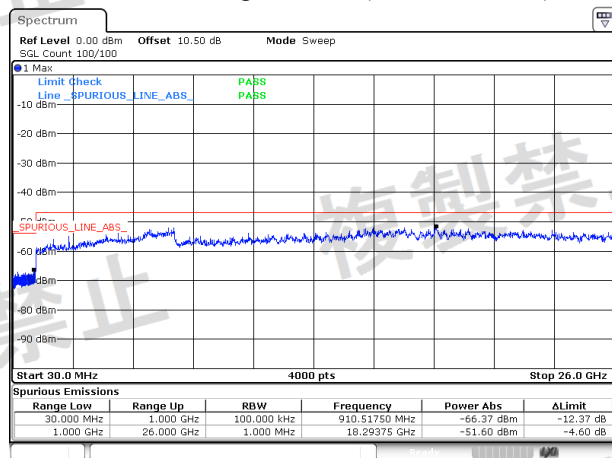
ProjectNo.:2501X20051E-RF Tester:Kungfumaster Liang  
Date: 30\_SEP.2025 23:45:53

## 802.11ax20, Middle Channel(30MHz~26GHz)



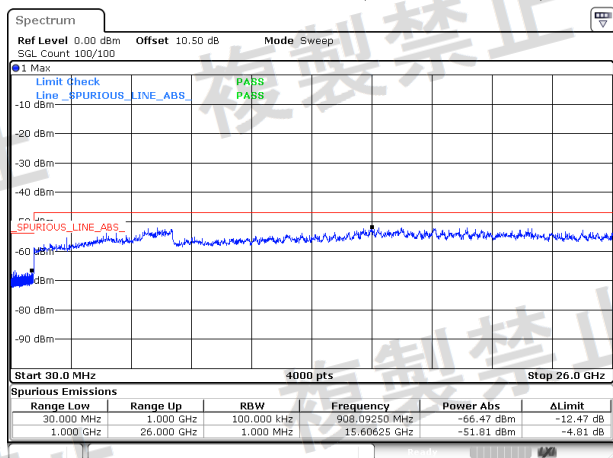
ProjectNo.:2501X20051E-RF Tester:Kungfumaster Liang  
Date: 30\_SEP.2025 23:46:49

## 802.11ax20, High Channel(30MHz~26GHz)



ProjectNo.:2501X20051E-RF Tester:Kungfumaster Liang  
Date: 30\_SEP.2025 23:47:44

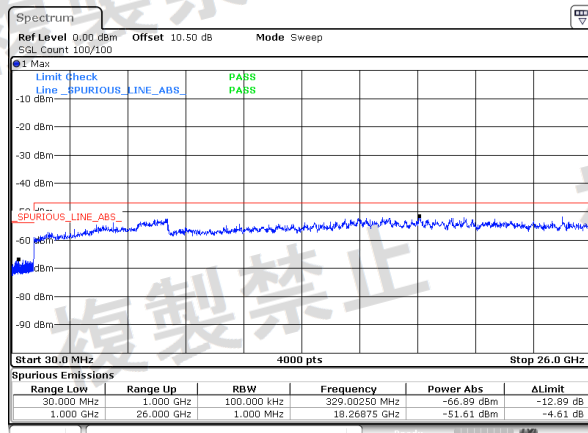
## 802.11ax40, Low Channel(30MHz~26GHz)



ProjectNo.:2501X20051E-RF Tester:Kungfumaster Liang  
Date: 30\_SEP.2025 23:48:59

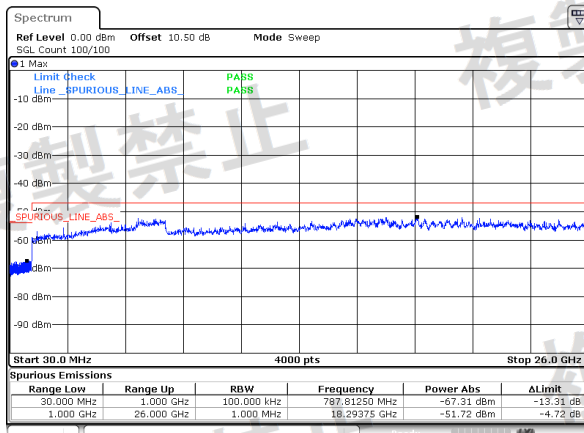
## W53, Test Condition: NV

802.11ax40, High Channel(30MHz~26GHz)



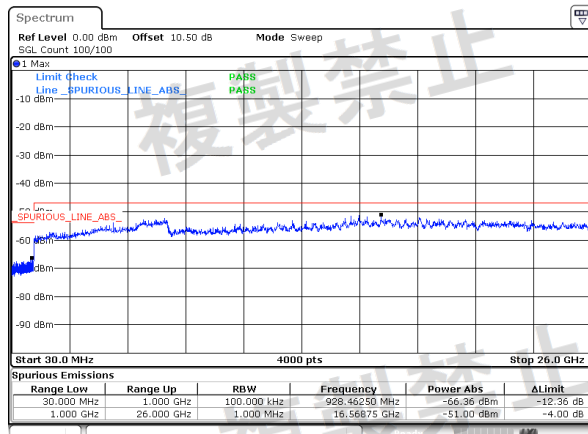
ProjectNo.:2501X20051E-RF Tester:Kungfumaster Liang  
Date: 30.SEP.2025 23:49:56

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



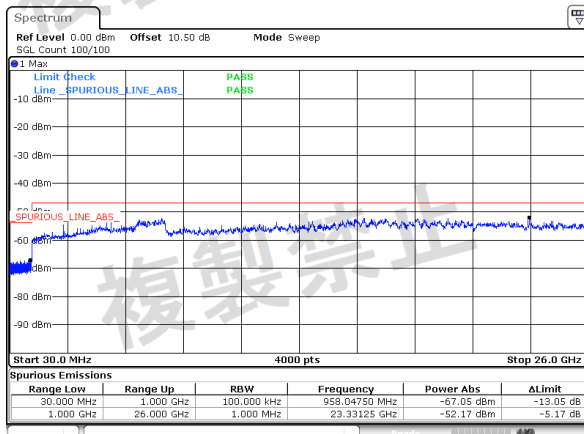
ProjectNo.:2501X20051E-RF Tester:Kungfumaster Liang  
Date: 30.SEP.2025 23:53:00

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



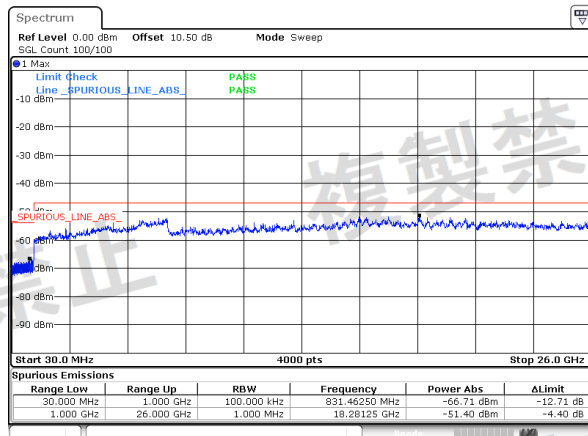
ProjectNo.:2501X20051E-RF Tester:Kungfumaster Liang  
Date: 30.SEP.2025 23:53:56

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



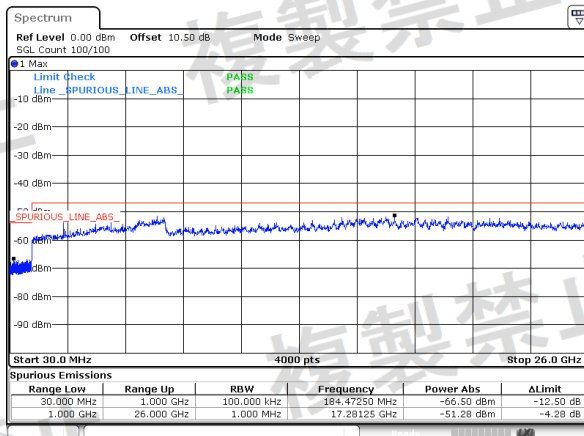
ProjectNo.:2501X20051E-RF Tester:Kungfumaster Liang  
Date: 30.SEP.2025 23:54:52

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



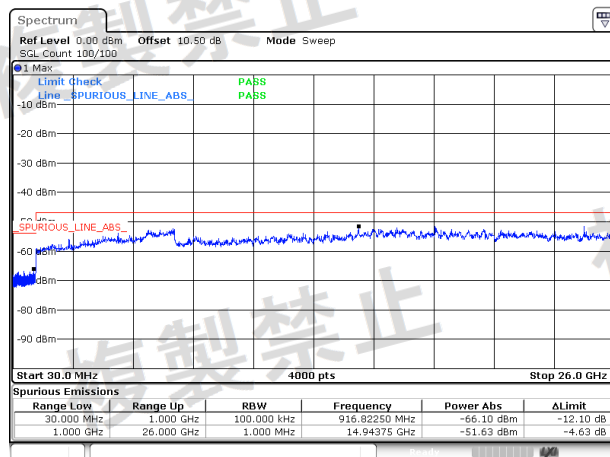
ProjectNo.:2501X20051E-RF Tester:Kungfumaster Liang  
Date: 30.SEP.2025 23:55:49

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



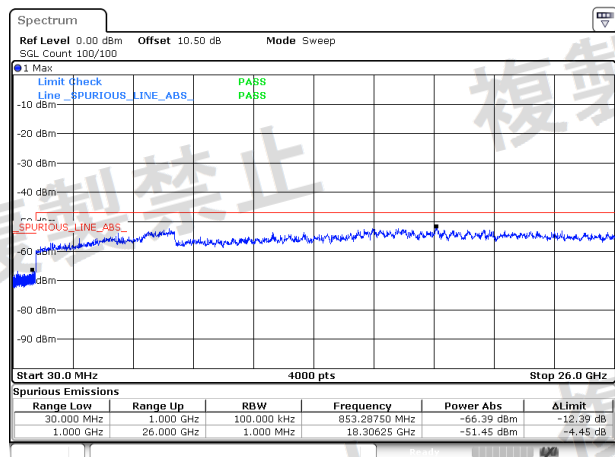
ProjectNo.:2501X20051E-RF Tester:Kungfumaster Liang  
Date: 30.SEP.2025 23:56:44

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



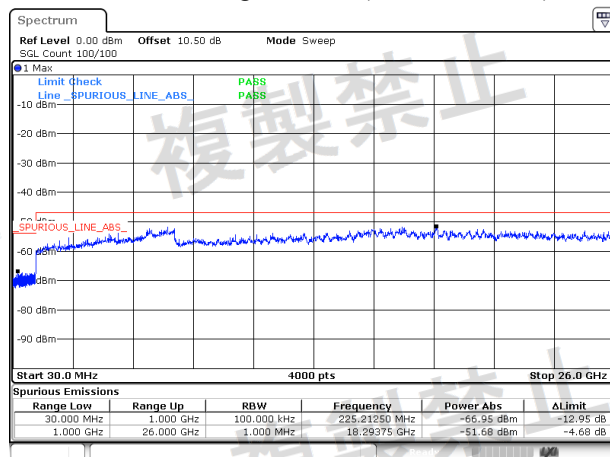
ProjectNo.:2501X20051E-RF Tester:Kungfumaster Liang  
Date: 30\_SEP.2025 23:57:42

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



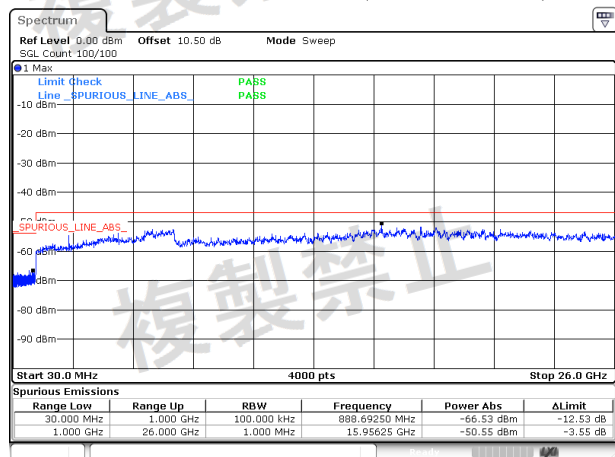
ProjectNo.:2501X20051E-RF Tester:Kungfumaster Liang  
Date: 30\_SEP.2025 23:58:39

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



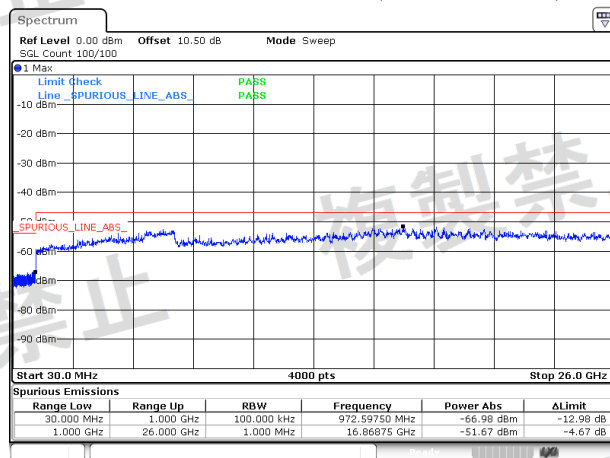
ProjectNo.:2501X20051E-RF Tester:Kungfumaster Liang  
Date: 30\_SEP.2025 23:59:36

## 802.11ax20, Low Channel(30MHz~26GHz)



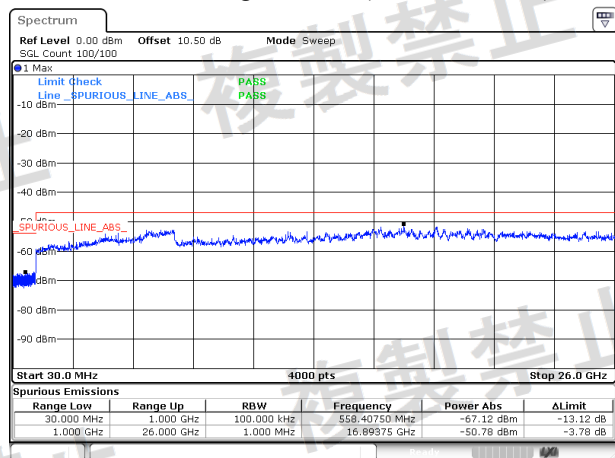
ProjectNo.:2501X20051E-RF Tester:Kungfumaster Liang  
Date: 1.OCT.2025 00:00:58

## 802.11ax20, Middle Channel(30MHz~26GHz)



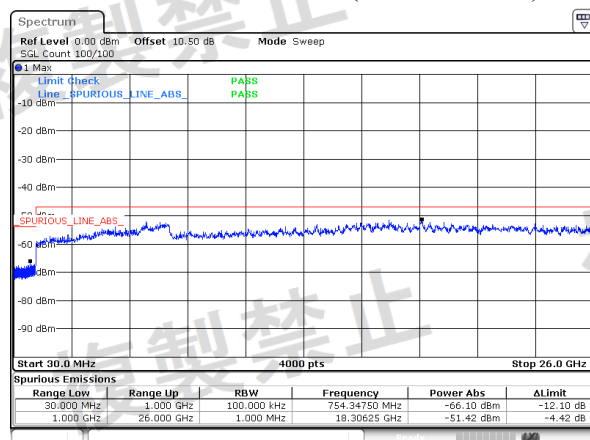
ProjectNo.:2501X20051E-RF Tester:Kungfumaster Liang  
Date: 1.OCT.2025 00:01:53

## 802.11ax20, High Channel(30MHz~26GHz)



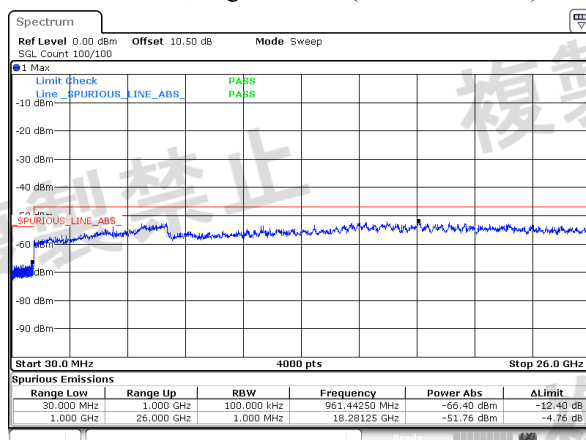
ProjectNo.:2501X20051E-RF Tester:Kungfumaster Liang  
Date: 1.OCT.2025 00:02:50

## 802.11ax40, Low Channel(30MHz~26GHz)



ProjectNo.:2501X20051E-RF Tester:Kungfumaister Liang  
Date: 1.OCT.2025 00:03:46

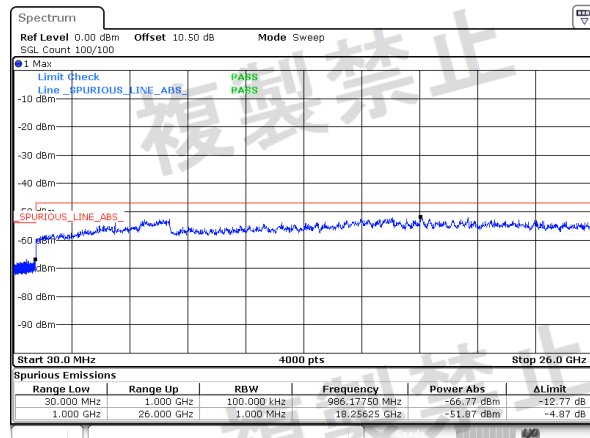
## 802.11ax40, High Channel(30MHz~26GHz)



ProjectNo.:2501X20051E-RF Tester:Kungfumaister Liang  
Date: 1.OCT.2025 00:05:36

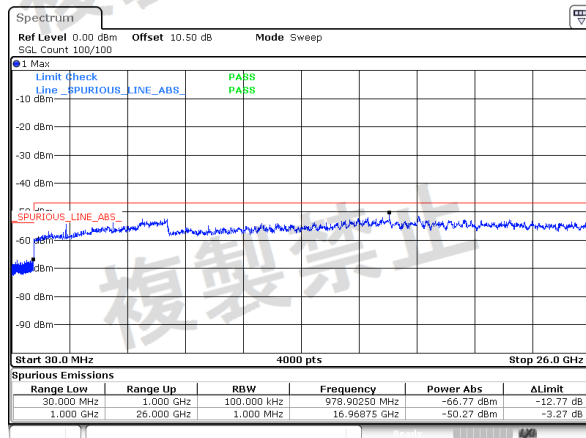
## W56, Test Condition: NV

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



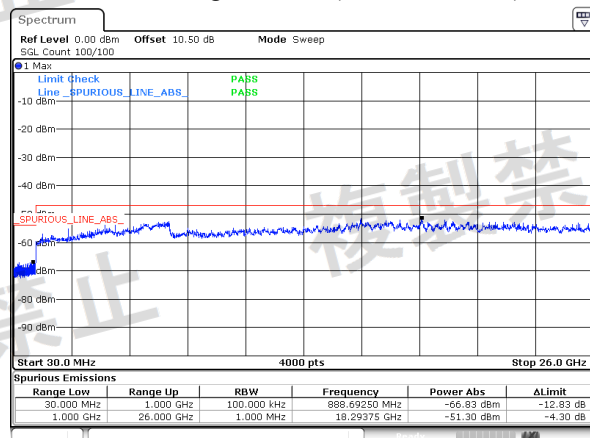
ProjectNo.:2501X20051E-RF Tester:Kungfumaister Liang  
Date: 1.OCT.2025 00:06:48

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



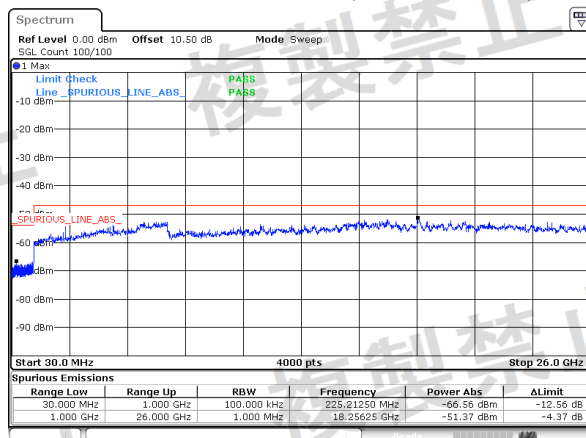
ProjectNo.:2501X20051E-RF Tester:Kungfumaister Liang  
Date: 1.OCT.2025 00:07:44

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



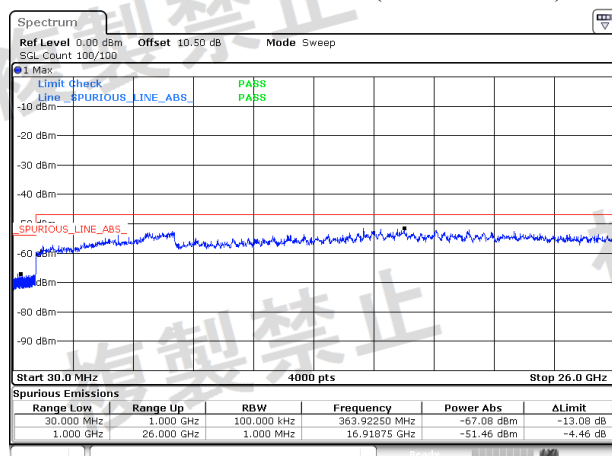
ProjectNo.:2501X20051E-RF Tester:Kungfumaister Liang  
Date: 1.OCT.2025 00:08:40

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



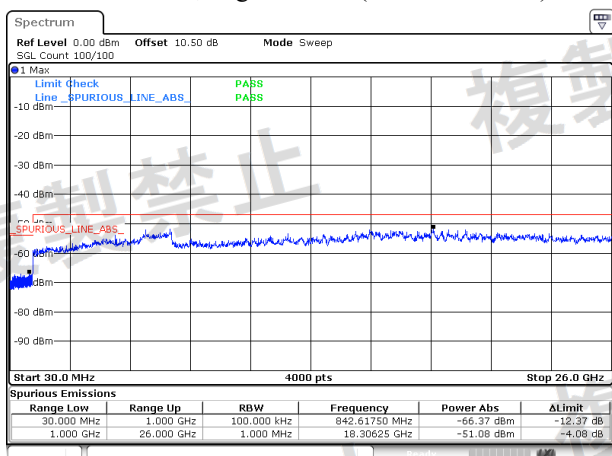
ProjectNo.:2501X20051E-RF Tester:Kungfumaister Liang  
Date: 1.OCT.2025 00:09:36

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



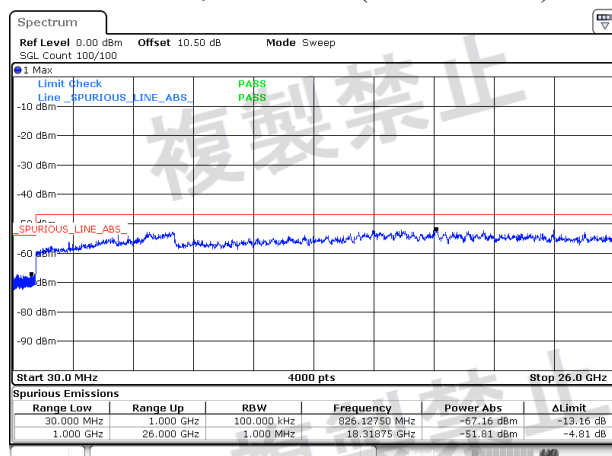
ProjectNo.:2501X20051E-RF Tester:Kungfumaster Liang  
Date: 1.OCT.2025 00:10:33

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



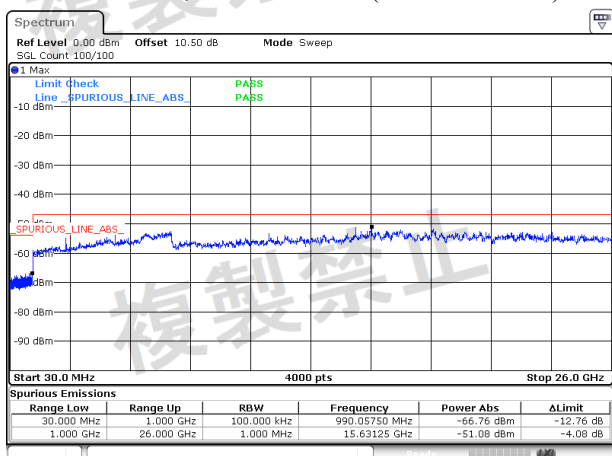
ProjectNo.:2501X20051E-RF Tester:Kungfumaster Liang  
Date: 1.OCT.2025 00:11:29

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



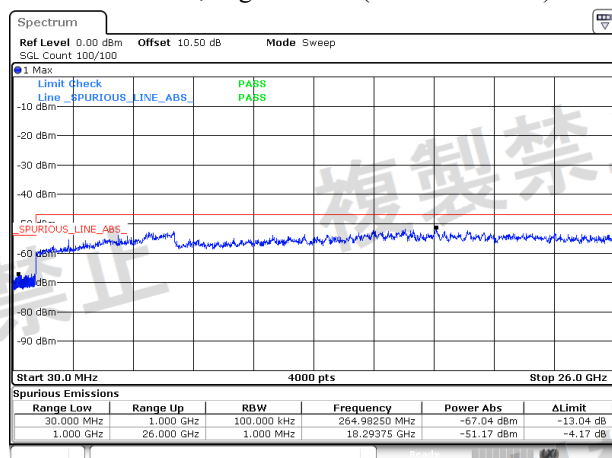
ProjectNo.:2501X20051E-RF Tester:Kungfumaster Liang  
Date: 1.OCT.2025 00:12:25

## 802.11ac40, Middle Channel(30MHz~26GHz)



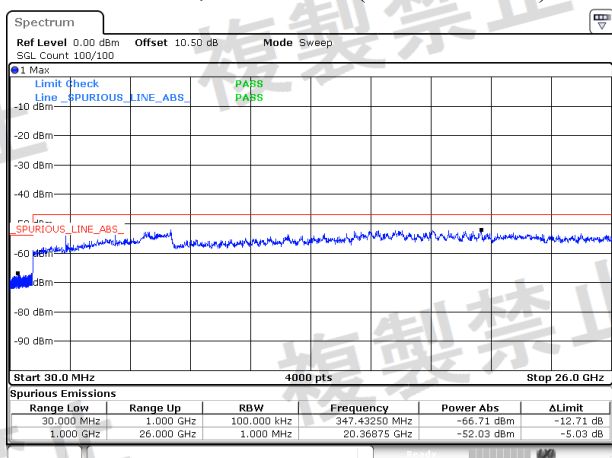
ProjectNo.:2501X20051E-RF Tester:Kungfumaster Liang  
Date: 1.OCT.2025 00:13:20

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



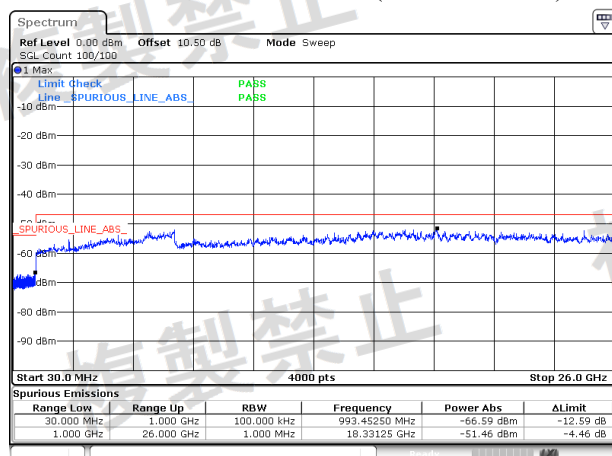
ProjectNo.:2501X20051E-RF Tester:Kungfumaster Liang  
Date: 1.OCT.2025 00:14:16

## 802.11ax20, Low Channel(30MHz~26GHz)



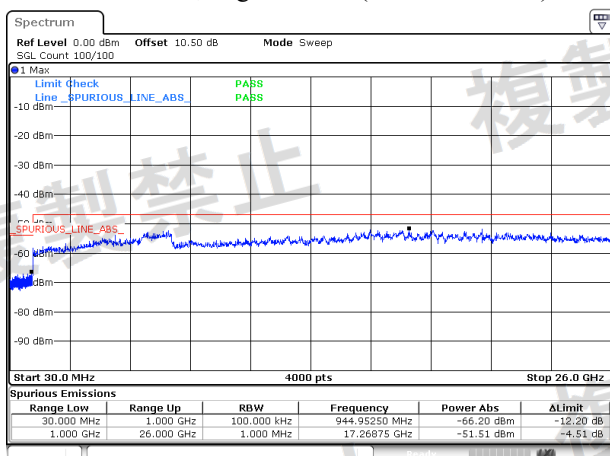
ProjectNo.:2501X20051E-RF Tester:Kungfumaster Liang  
Date: 1.OCT.2025 00:15:45

## 802.11ax20, Middle Channel(30MHz~26GHz)



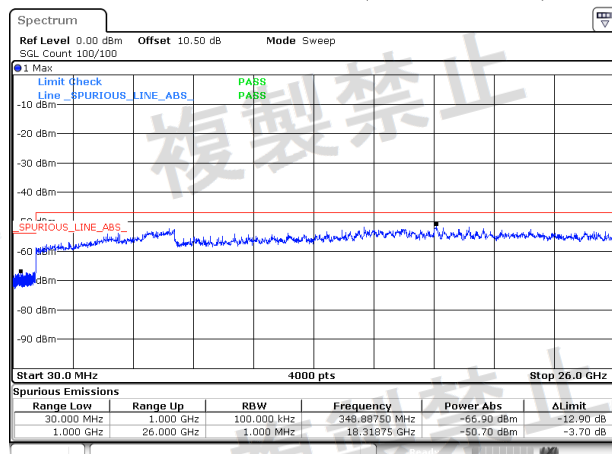
ProjectNo.:2501X20051E-RF Tester:Kungfumaater Liang  
Date: 1.OCT.2025 00:16:40

## 802.11ax20, High Channel(30MHz~26GHz)



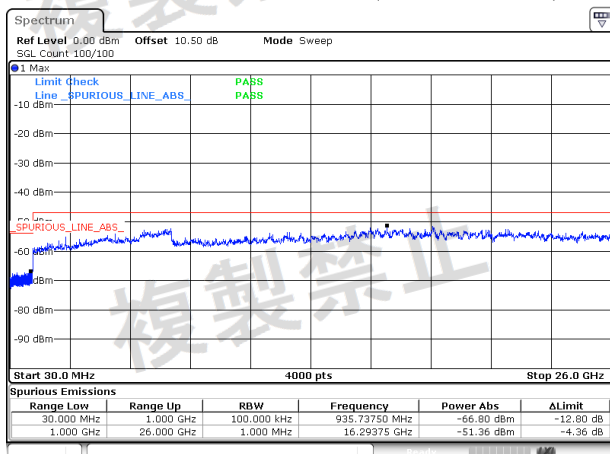
ProjectNo.:2501X20051E-RF Tester:Kungfumaater Liang  
Date: 1.OCT.2025 00:17:36

## 802.11ax40, Low Channel(30MHz~26GHz)



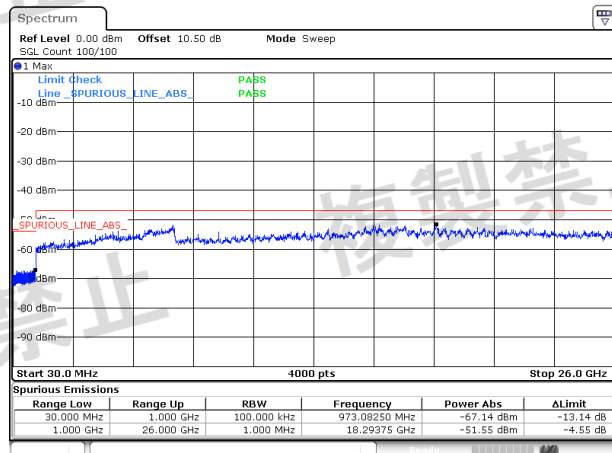
ProjectNo.:2501X20051E-RF Tester:Kungfumaater Liang  
Date: 1.OCT.2025 00:18:31

## 802.11ax40, Middle Channel(30MHz~26GHz)



ProjectNo.:2501X20051E-RF Tester:Kungfumaater Liang  
Date: 1.OCT.2025 00:20:18

## 802.11ax40, High Channel(30MHz~26GHz)



ProjectNo.:2501X20051E-RF Tester:Kungfumaater Liang  
Date: 1.OCT.2025 00:21:14

**Transmission Burst Length****Test Information:**

|                    |                    |                     |                       |
|--------------------|--------------------|---------------------|-----------------------|
| <b>Sample No.:</b> | 3A1I-1             | <b>Test Date:</b>   | 2025/09/29~2025/09/30 |
| <b>Test Site:</b>  | RF                 | <b>Test Mode:</b>   | Transmitting          |
| <b>Tester:</b>     | Kungfumaster Liang | <b>Test Result:</b> | Pass                  |

**Environmental Conditions:**

|                             |           |                                  |       |                               |             |
|-----------------------------|-----------|----------------------------------|-------|-------------------------------|-------------|
| <b>Temperature:</b><br>(°C) | 24.8-25.6 | <b>Relative Humidity:</b><br>(%) | 50-54 | <b>ATM Pressure:</b><br>(kPa) | 101.1-101.4 |
|-----------------------------|-----------|----------------------------------|-------|-------------------------------|-------------|

**Test Condition: NV****5.2G**

| Test Mode  | Test Frequency (MHz) | Transmission Burst Length (ms) | Limit    | Verdict |
|------------|----------------------|--------------------------------|----------|---------|
| 802.11a    | 5180                 | 1.390                          | $\leq 8$ | Pass    |
|            | 5200                 | 1.390                          | $\leq 8$ | Pass    |
|            | 5240                 | 1.400                          | $\leq 8$ | Pass    |
| 802.11ac20 | 5180                 | 5.083                          | $\leq 8$ | Pass    |
|            | 5200                 | 5.101                          | $\leq 8$ | Pass    |
|            | 5240                 | 5.084                          | $\leq 8$ | Pass    |
| 802.11ac40 | 5190                 | 4.890                          | $\leq 8$ | Pass    |
|            | 5230                 | 4.860                          | $\leq 8$ | Pass    |
| 802.11ax20 | 5180                 | 3.849                          | $\leq 8$ | Pass    |
|            | 5200                 | 3.869                          | $\leq 8$ | Pass    |
|            | 5240                 | 3.820                          | $\leq 8$ | Pass    |
| 802.11ax40 | 5190                 | 3.850                          | $\leq 8$ | Pass    |
|            | 5230                 | 3.840                          | $\leq 8$ | Pass    |

**5.3G**

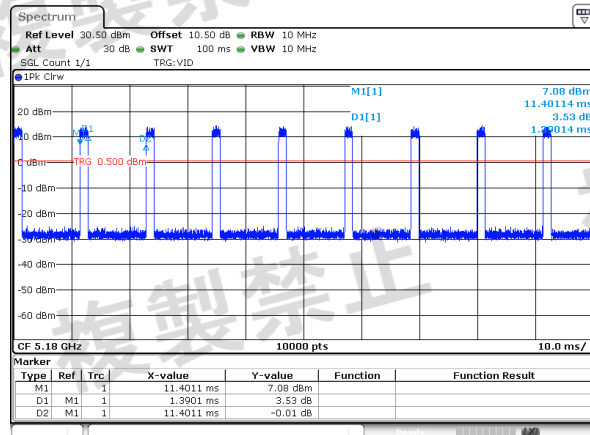
| Test Mode  | Test Frequency (MHz) | Transmission Burst Length (ms) | Limit    | Verdict |
|------------|----------------------|--------------------------------|----------|---------|
| 802.11a    | 5260                 | 1.400                          | $\leq 8$ | Pass    |
|            | 5280                 | 1.379                          | $\leq 8$ | Pass    |
|            | 5320                 | 1.380                          | $\leq 8$ | Pass    |
| 802.11ac20 | 5260                 | 5.090                          | $\leq 8$ | Pass    |
|            | 5280                 | 5.080                          | $\leq 8$ | Pass    |
|            | 5320                 | 5.081                          | $\leq 8$ | Pass    |
| 802.11ac40 | 5270                 | 4.880                          | $\leq 8$ | Pass    |
|            | 5310                 | 4.890                          | $\leq 8$ | Pass    |
| 802.11ax20 | 5260                 | 3.830                          | $\leq 8$ | Pass    |
|            | 5280                 | 3.869                          | $\leq 8$ | Pass    |
|            | 5320                 | 3.864                          | $\leq 8$ | Pass    |
| 802.11ax40 | 5270                 | 3.850                          | $\leq 8$ | Pass    |
|            | 5310                 | 3.850                          | $\leq 8$ | Pass    |

**5.6G**

| Test Mode  | Test Frequency (MHz) | Transmission Burst Length (ms) | Limit    | Verdict |
|------------|----------------------|--------------------------------|----------|---------|
| 802.11a    | 5500                 | 1.389                          | $\leq 8$ | Pass    |
|            | 5600                 | 1.389                          | $\leq 8$ | Pass    |
|            | 5720                 | 1.380                          | $\leq 8$ | Pass    |
| 802.11ac20 | 5500                 | 5.090                          | $\leq 8$ | Pass    |
|            | 5600                 | 5.081                          | $\leq 8$ | Pass    |
|            | 5720                 | 5.091                          | $\leq 8$ | Pass    |
| 802.11ac40 | 5510                 | 4.879                          | $\leq 8$ | Pass    |
|            | 5590                 | 4.870                          | $\leq 8$ | Pass    |
|            | 5710                 | 4.879                          | $\leq 8$ | Pass    |
| 802.11ax20 | 5500                 | 3.852                          | $\leq 8$ | Pass    |
|            | 5600                 | 3.850                          | $\leq 8$ | Pass    |
|            | 5720                 | 3.857                          | $\leq 8$ | Pass    |
| 802.11ax40 | 5510                 | 3.858                          | $\leq 8$ | Pass    |
|            | 5590                 | 3.849                          | $\leq 8$ | Pass    |
|            | 5710                 | 3.838                          | $\leq 8$ | Pass    |

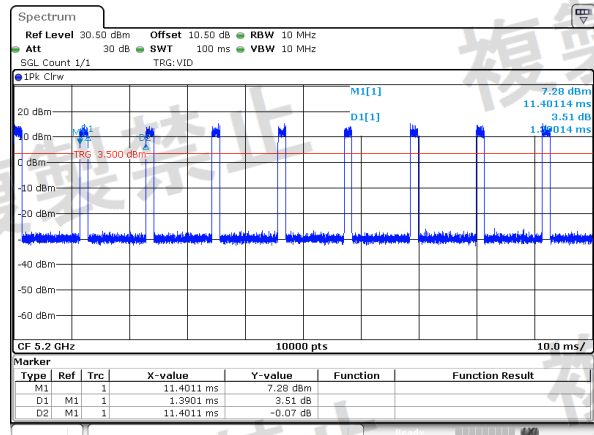
## W52, Test Condition: NV

## 802.11a, Low Channel



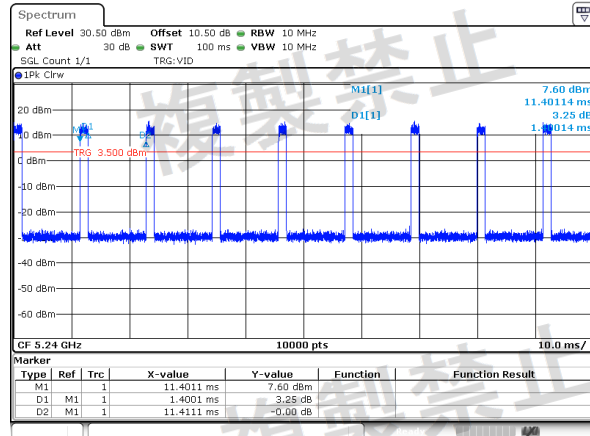
ProjectNo.:2501X20051E-RF Tester:Kungfumaster Liang  
Date: 29.SEP.2025 21:56:45

## 802.11a, Middle Channel



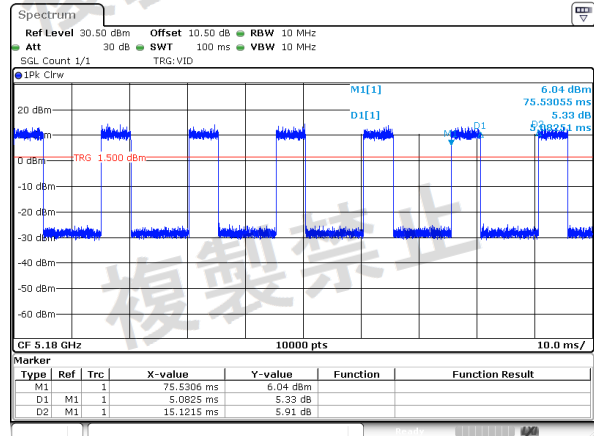
ProjectNo.:2501X20051E-RF Tester:Kungfumaster Liang  
Date: 29.SEP.2025 22:05:50

## 802.11a, High Channel



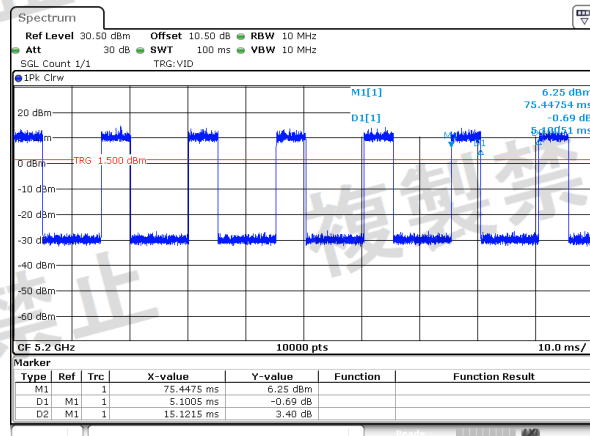
ProjectNo.:2501X20051E-RF Tester:Kungfumaster Liang  
Date: 29.SEP.2025 22:17:38

## 802.11ac20, Low Channel



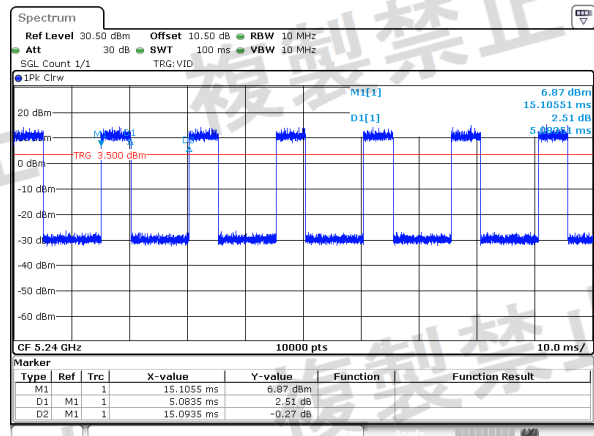
ProjectNo.:2501X20051E-RF Tester:Kungfumaster Liang  
Date: 29.SEP.2025 22:44:02

## 802.11ac20, Middle Channel



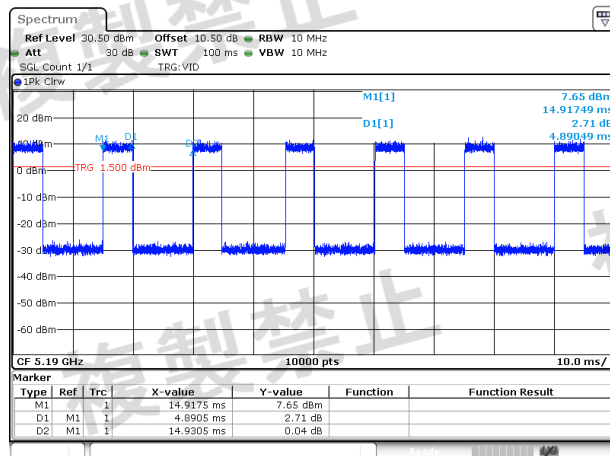
ProjectNo.:2501X20051E-RF Tester:Kungfumaster Liang  
Date: 29.SEP.2025 22:53:43

## 802.11ac20, High Channel



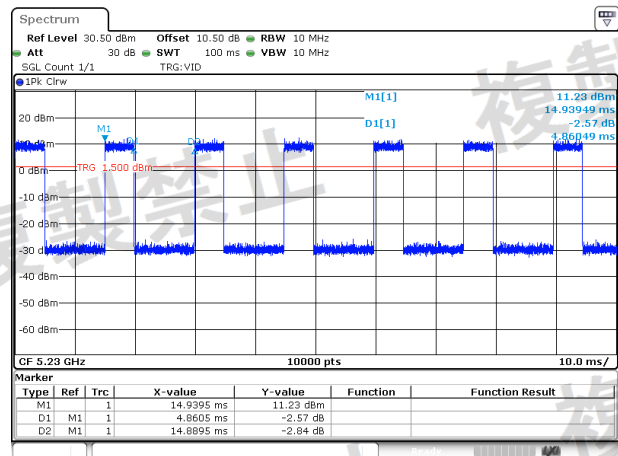
ProjectNo.:2501X20051E-RF Tester:Kungfumaster Liang  
Date: 29.SEP.2025 22:55:04

## 802.11ac40, Low Channel



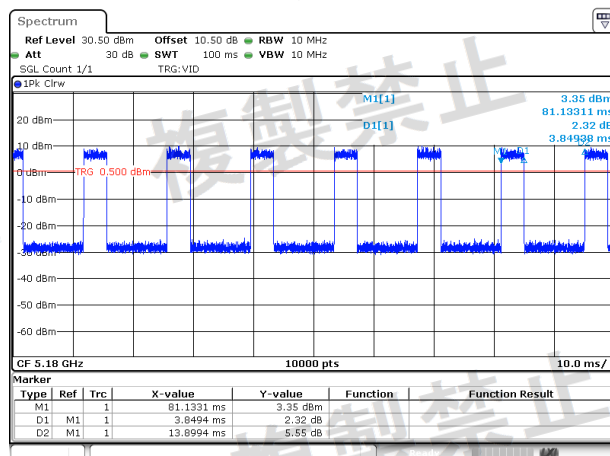
ProjectNo.:2501X20051E-RF Tester:Kungfumaaster Liang  
Date: 29\_SEP.2025 23:16:47

## 802.11ac40, High Channel



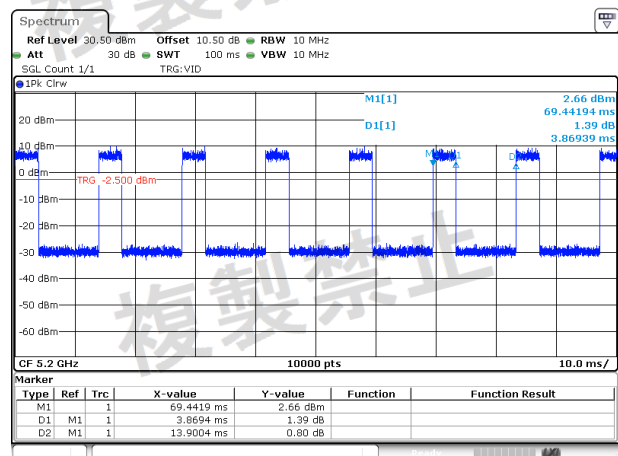
ProjectNo.:2501X20051E-RF Tester:Kungfumaaster Liang  
Date: 29\_SEP.2025 23:05:46

## 802.11ax20, Low Channel



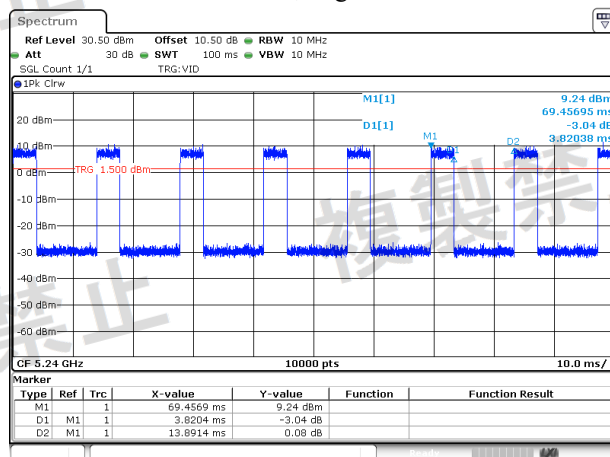
ProjectNo.:2501X20051E-RF Tester:Kungfumaaster Liang  
Date: 30\_SEP.2025 19:50:17

## 802.11ax20, Middle Channel



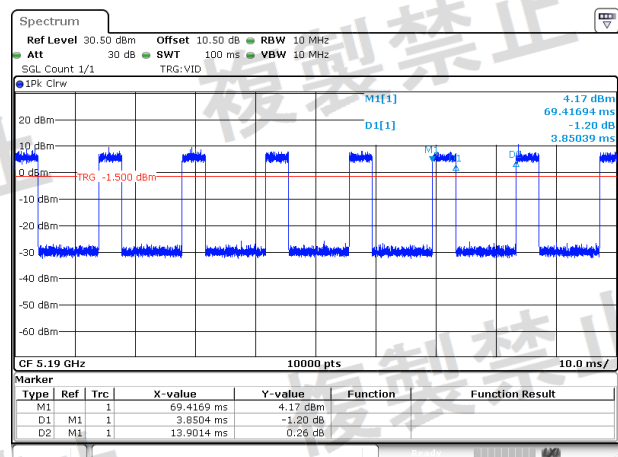
ProjectNo.:2501X20051E-RF Tester:Kungfumaaster Liang  
Date: 30\_SEP.2025 20:00:34

## 802.11ax20, High Channel



ProjectNo.:2501X20051E-RF Tester:Kungfumaaster Liang  
Date: 30\_SEP.2025 19:40:58

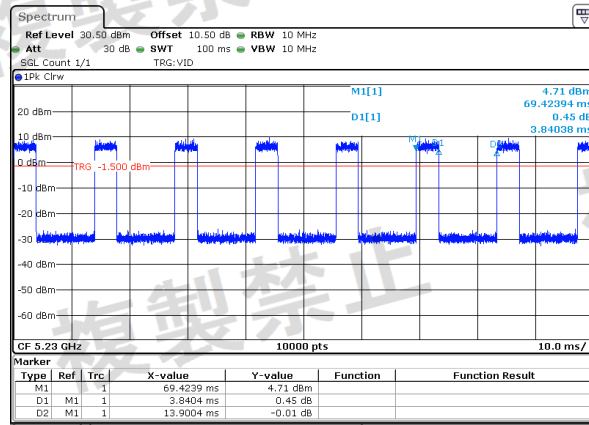
## 802.11ax40, Low Channel



ProjectNo.:2501X20051E-RF Tester:Kungfumaaster Liang  
Date: 30\_SEP.2025 20:48:18

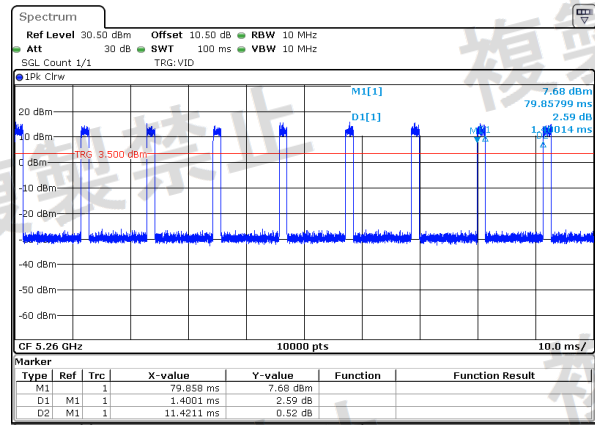
**W53, Test Condition: NV**

## 802.11ax40, High Channel



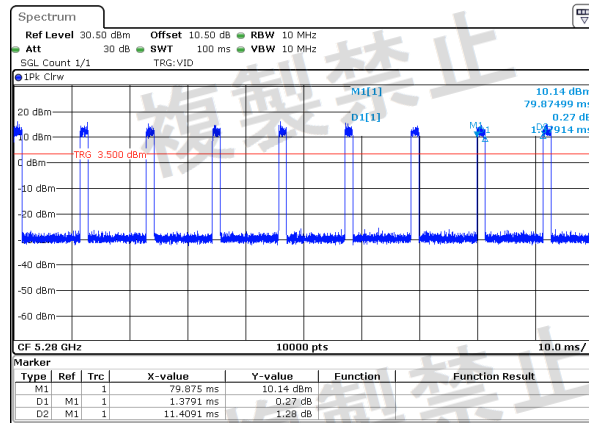
ProjectNo.:2501X20051E-RF Tester:Kungfumaster Liang  
Date: 30.SEP.2025 20:34:49

802.11a, Low Channel



ProjectNo.:2501X20051E-RE Tester:Kungfumaster Liang  
Date: 29.SEP.2025 23:54:06

802.11a, Middle Channel



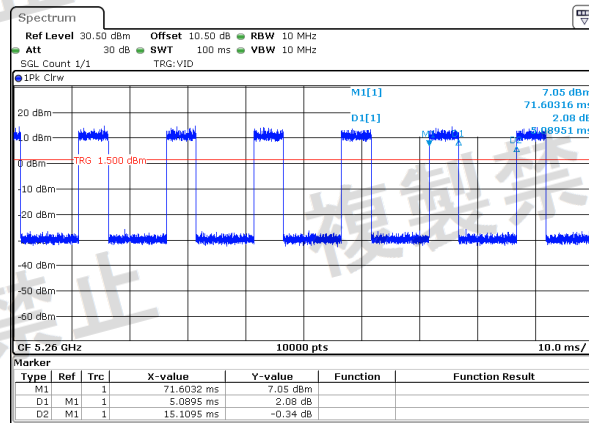
ProjectNo.:2501K20051E-RF Tester:Kungfumaster Liang  
Date: 30.SEP.2025 00:02:03

802.11a, High Channel



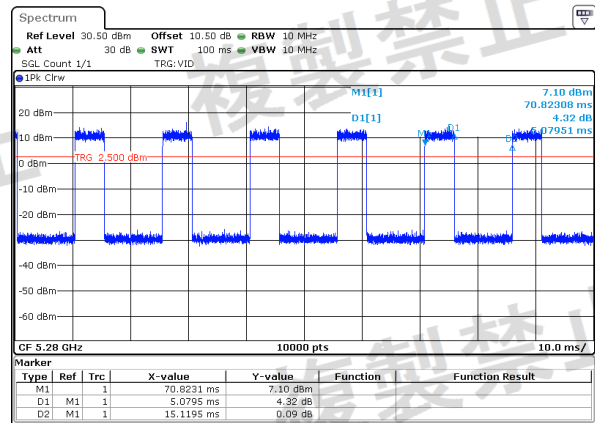
ProjectNo.:2501X20051E-RF Tester:Kungfumaster Liang  
Date: 30.SEP.2025 00:10:25

802.11ac20, Low Channel



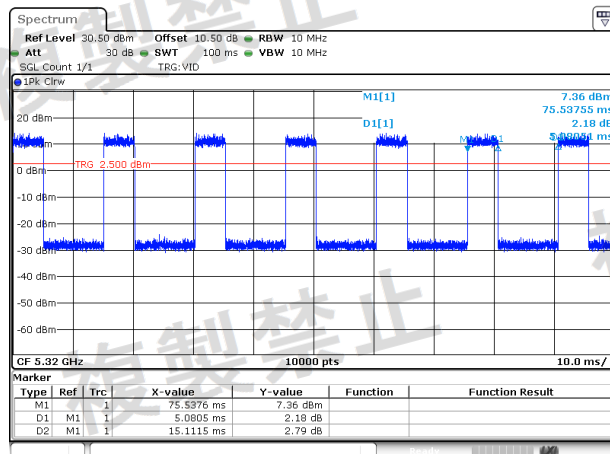
ProjectNo.:2501X20051E-RF Tester:Kungfumaster Liang  
Date: 30.SEP.2025 00:23:07

802.11ac20, Middle Channel



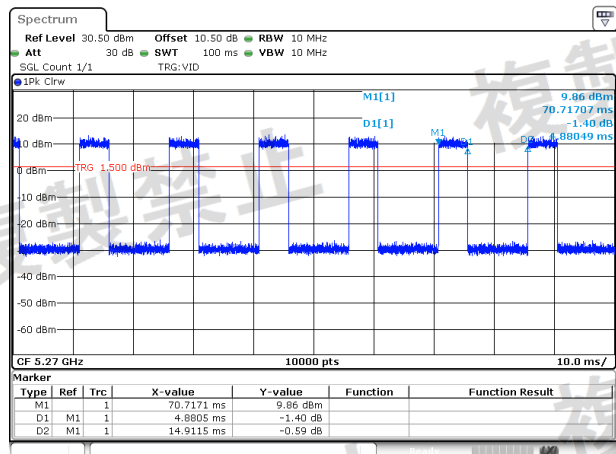
ProjectNo.:2501X20051E-RF Tester:Kungfumaster Liang  
Date: 30.SEP.2025 00:35:52

## 802.11ac20, High Channel



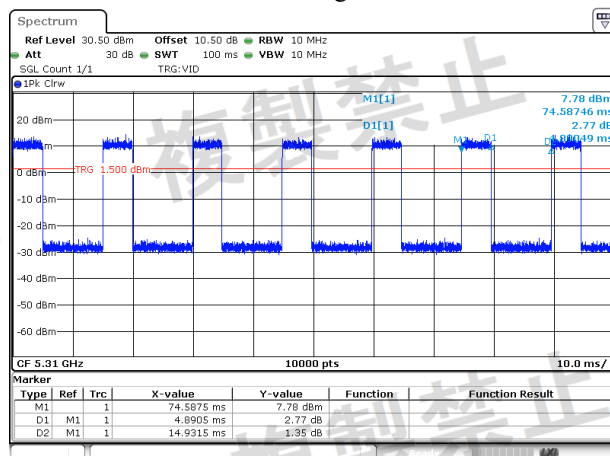
ProjectNo.:2501X20051E-RF Tester:Kungfumaaster Liang  
Date: 30.SEP.2025 00:50:21

## 802.11ac40, Low Channel



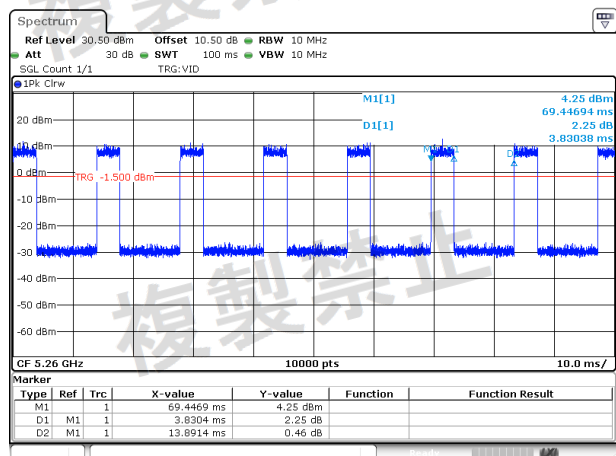
ProjectNo.:2501X20051E-RF Tester:Kungfumaaster Liang  
Date: 30.SEP.2025 00:58:29

## 802.11ac40, High Channel



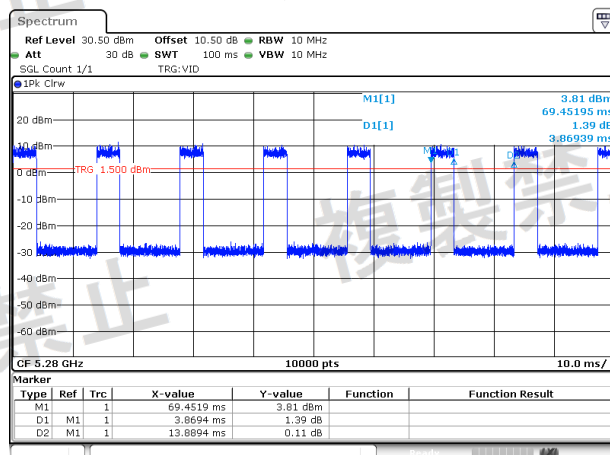
ProjectNo.:2501X20051E-RF Tester:Kungfumaaster Liang  
Date: 30.SEP.2025 01:08:13

## 802.11ax20, Low Channel



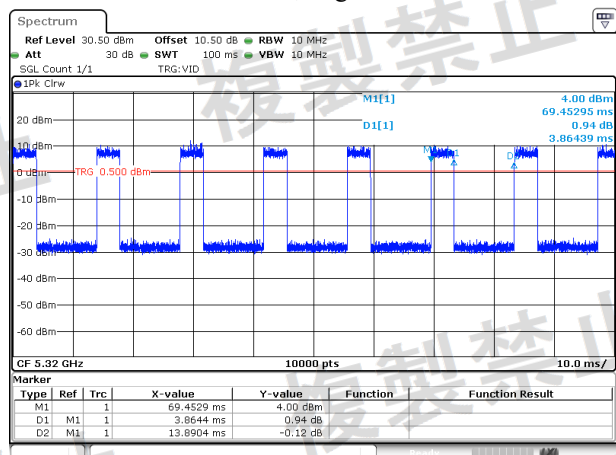
ProjectNo.:2501X20051E-RF Tester:Kungfumaaster Liang  
Date: 30.SEP.2025 21:02:00

## 802.11ax20, Middle Channel



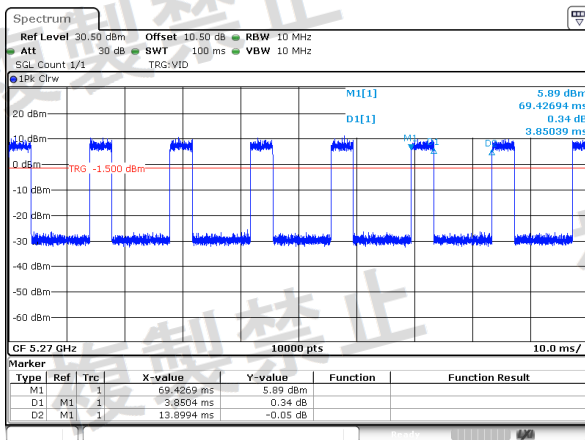
ProjectNo.:2501X20051E-RF Tester:Kungfumaaster Liang  
Date: 30.SEP.2025 21:13:32

## 802.11ax20, High Channel



ProjectNo.:2501X20051E-RF Tester:Kungfumaaster Liang  
Date: 30.SEP.2025 21:20:49

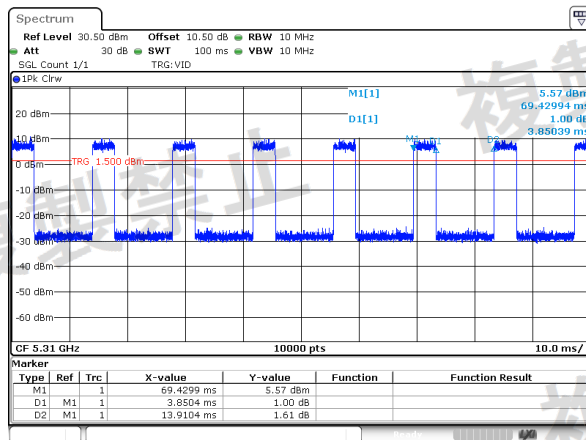
## 802.11ax40, Low Channel



ProjectNo.:2501X20051E-RF Tester:Kungfumaster Liang

Date: 30.SEP.2025 21:36:44

## 802.11ax40, High Channel

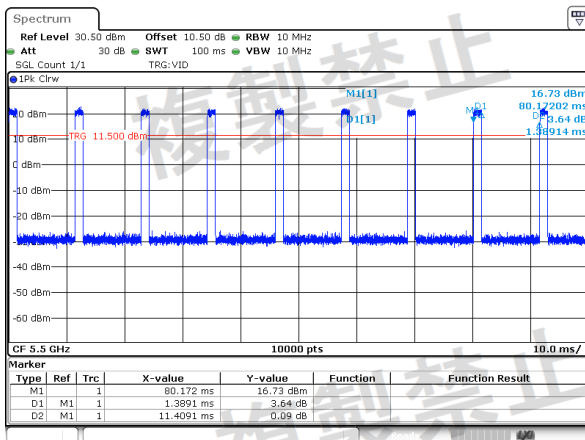


ProjectNo.:2501X20051E-RF Tester:Kungfumaster Liang

Date: 30.SEP.2025 21:44:18

## W56, Test Condition: NV

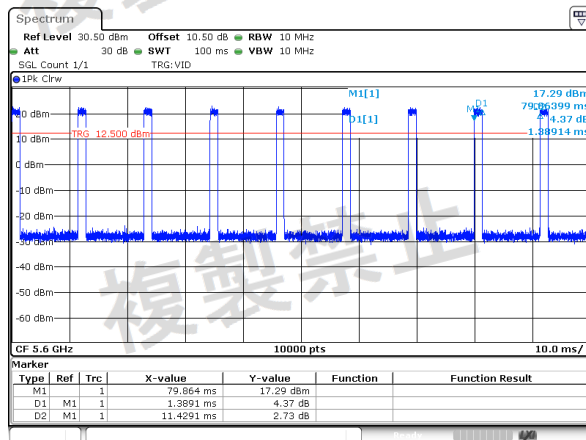
## 802.11a, Low Channel



ProjectNo.:2501X20051E-RF Tester:Kungfumaster Liang

Date: 30.SEP.2025 01:47:57

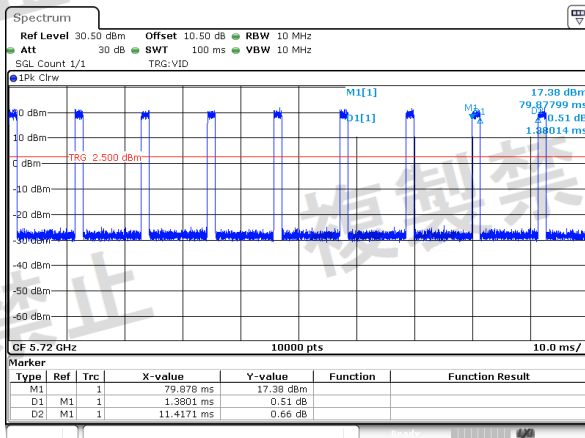
## 802.11a, Middle Channel



ProjectNo.:2501X20051E-RF Tester:Kungfumaster Liang

Date: 30.SEP.2025 01:56:52

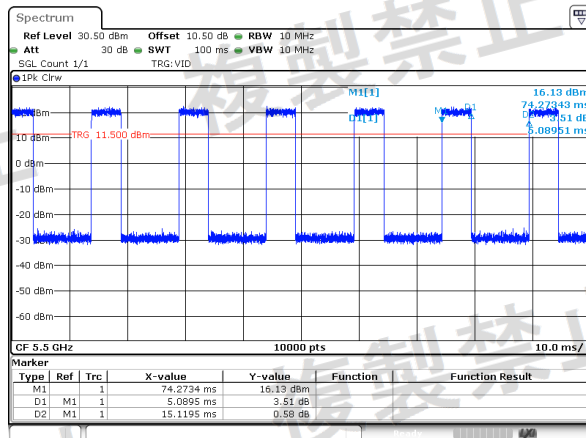
## 802.11a, High Channel



ProjectNo.:2501X20051E-RF Tester:Kungfumaster Liang

Date: 30.SEP.2025 01:34:45

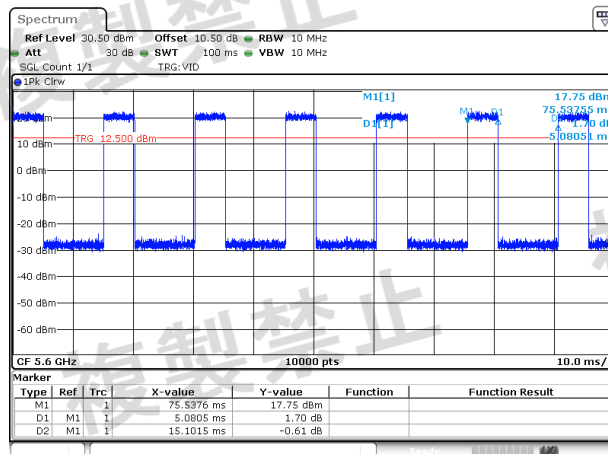
## 802.11ac20, Low Channel



ProjectNo.:2501X20051E-RF Tester:Kungfumaster Liang

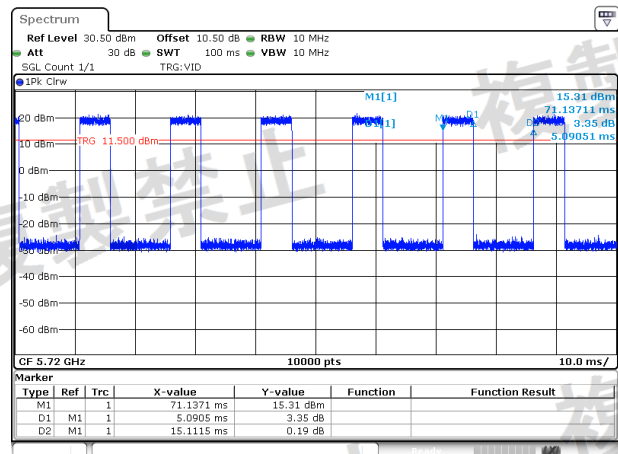
Date: 30.SEP.2025 02:32:35

## 802.11ac20, Middle Channel



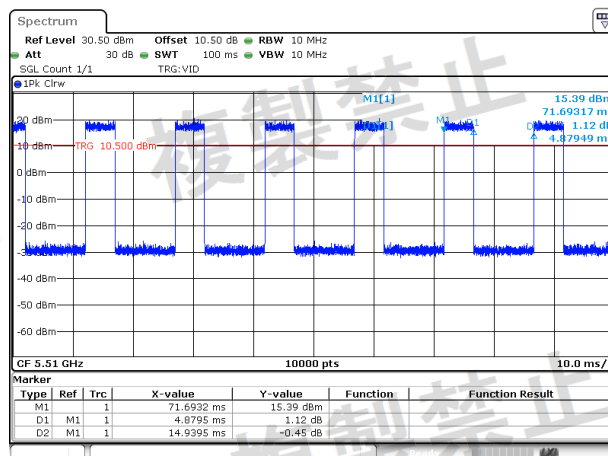
ProjectNo.:2501X20051E-RF Tester:Kungfumaaster Liang  
Date: 30.SEP.2025 02:39:22

## 802.11ac20, High Channel



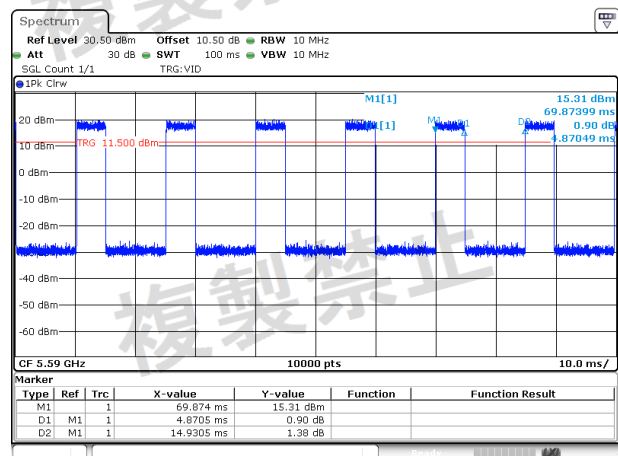
ProjectNo.:2501X20051E-RF Tester:Kungfumaaster Liang  
Date: 30.SEP.2025 02:46:00

## 802.11ac40, Low Channel



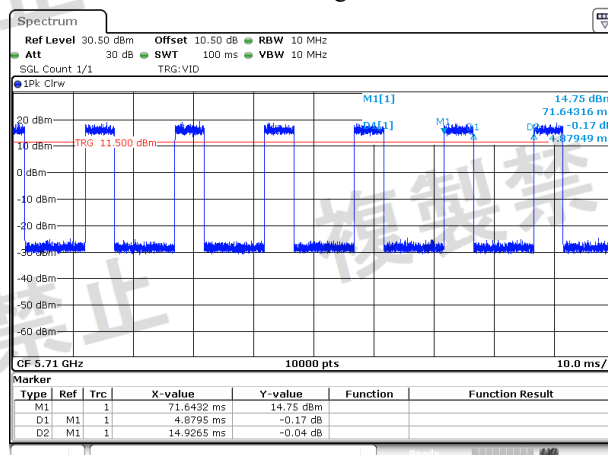
ProjectNo.:2501X20051E-RF Tester:Kungfumaaster Liang  
Date: 30.SEP.2025 02:53:01

## 802.11ac40, Middle Channel



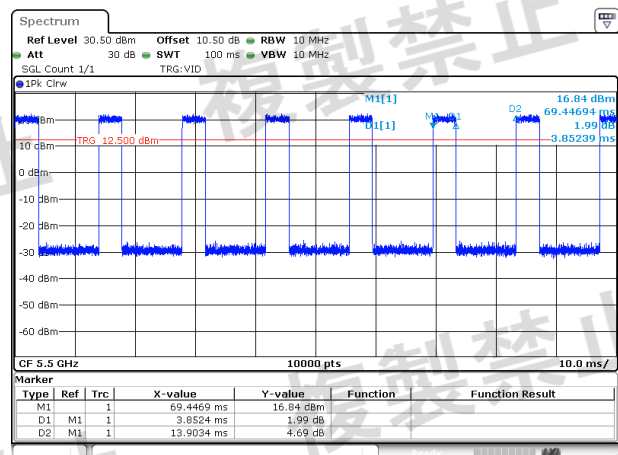
ProjectNo.:2501X20051E-RF Tester:Kungfumaaster Liang  
Date: 30.SEP.2025 02:59:04

## 802.11ac40, High Channel



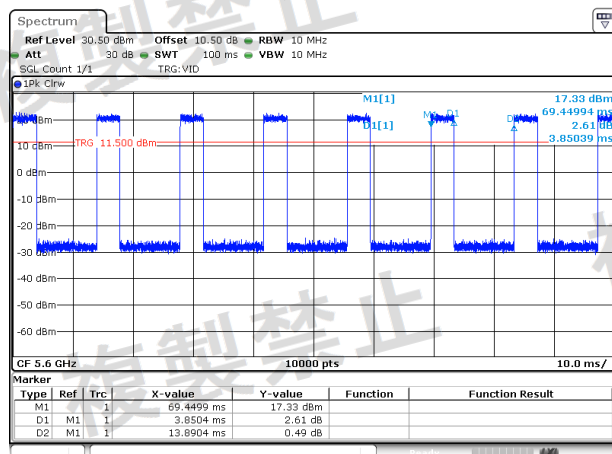
ProjectNo.:2501X20051E-RF Tester:Kungfumaaster Liang  
Date: 30.SEP.2025 03:07:36

## 802.11ax20, Low Channel



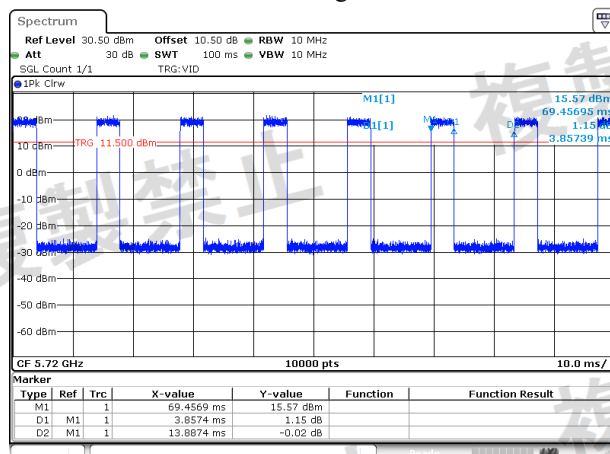
ProjectNo.:2501X20051E-RF Tester:Kungfumaaster Liang  
Date: 30.SEP.2025 21:55:33

## 802.11ax20, Middle Channel



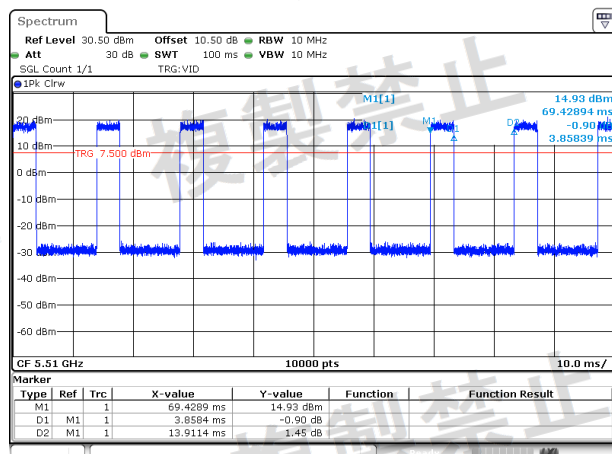
ProjectNo.:2501X20051E-RF Tester:Kungfumaater Liang  
Date: 30\_SEP.2025 22:03:38

## 802.11ax20, High Channel



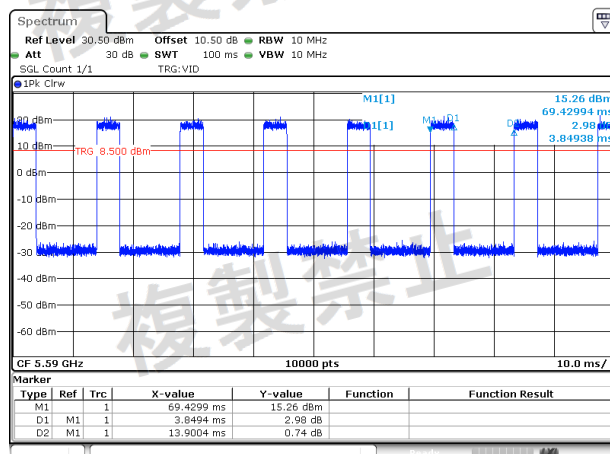
ProjectNo.:2501X20051E-RF Tester:Kungfumaater Liang  
Date: 30\_SEP.2025 22:19:26

## 802.11ax40, Low Channel



ProjectNo.:2501X20051E-RF Tester:Kungfumaater Liang  
Date: 30\_SEP.2025 23:11:20

## 802.11ax40, Middle Channel



ProjectNo.:2501X20051E-RF Tester:Kungfumaater Liang  
Date: 30\_SEP.2025 23:17:39

## 802.11ax40, High Channel



ProjectNo.:2501X20051E-RF Tester:Kungfumaater Liang  
Date: 30\_SEP.2025 23:23:04

**Interference Prevention Function****Test Information:**

|                    |                    |                     |               |
|--------------------|--------------------|---------------------|---------------|
| <b>Sample No.:</b> | 3A1I-1             | <b>Test Date:</b>   | 2025/09/29    |
| <b>Test Site:</b>  | RF                 | <b>Test Mode:</b>   | Communication |
| <b>Tester:</b>     | Kungfumaster Liang | <b>Test Result:</b> | Good          |

**Environmental Conditions:**

|                             |     |                                  |    |                               |       |
|-----------------------------|-----|----------------------------------|----|-------------------------------|-------|
| <b>Temperature:</b><br>(°C) | 5.3 | <b>Relative Humidity:</b><br>(%) | 52 | <b>ATM Pressure:</b><br>(kPa) | 101.3 |
|-----------------------------|-----|----------------------------------|----|-------------------------------|-------|

**Carrier Sensing Function****Test Information:**

|                    |                    |                     |               |
|--------------------|--------------------|---------------------|---------------|
| <b>Sample No.:</b> | 3A1I-1             | <b>Test Date:</b>   | 2025/09/29    |
| <b>Test Site:</b>  | RF                 | <b>Test Mode:</b>   | Communication |
| <b>Tester:</b>     | Kungfumaster Liang | <b>Test Result:</b> | Good          |

**Environmental Conditions:**

|                             |     |                                  |    |                               |       |
|-----------------------------|-----|----------------------------------|----|-------------------------------|-------|
| <b>Temperature:</b><br>(°C) | 5.3 | <b>Relative Humidity:</b><br>(%) | 52 | <b>ATM Pressure:</b><br>(kPa) | 101.3 |
|-----------------------------|-----|----------------------------------|----|-------------------------------|-------|

## 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 shielding cover for the high-frequency section and modulation section of the radio which can't be opened easily, please see the EUT photos.

## EUT PHOTOGRAPHS

Please refer to the attachment 2501X20051E-RF-EXP External photo and 2501X20051E-RF-INP Internal photo.

## TEST SETUP PHOTOGRAPHS

Please refer to the attachment 2501X20051E-RF-TSPD Test Setup photo.

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