

JAPAN MIC
TEST REPORT

For

AgiBot Innovation(Shanghai)Technology Co., Ltd.

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Tested Model: ZYCXD105UW

Report Type:

Original Report

Product Name:

AGIBOT Quadruped Robot,
Quadruped Robot

Report Number: RKSA260304001-24C

Report Date: 2026-05-11

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REPORT REVISION HISTORY

Number of Revisions	Report No.	Version	Issue Date	Description
0	RKSA260304001-24C	R1V1	2026-05-11	Initial Release

GENERAL INFORMATION**Product Description for Equipment under Test (EUT)**

Applicant:	AgiBot Innovation (Shanghai) Technology Co., Ltd.
Tested Model:	ZYCXD105UW
Series Model:	ZYXG02, ZYCXD105P, ZYCXD105U
Model Difference:	Color, Limbs, Different names, with or without a USB receiver, with or without communication board, See the Product Similarity Declaration Letter for details
Product Name:	AGIBOT Quadruped Robot ,Quadruped Robot
Power Supply:	DC 43.2V from battery
RF Function:	5G Wi-Fi
Operating Band/Frequency:	5G Wi-Fi B1: 5150-5250MHz, B2: 5250-5350MHz, B3: 5470-5730MHz
Maximum Output Power:	B1: 5150-5250 MHz 802.11a: 2.00 mW/MHz 802.11ac20: 3.00 mW/MHz 802.11ac40: 2.00 mW/MHz 802.11ac80: 1.00 mW/MHz B2: 5250-5350 MHz 802.11a: 1.00 mW/MHz 802.11ac20: 2.00 mW/MHz 802.11ac40: 1.00 mW/MHz 802.11ac80: 0.50 mW/MHz B3: 5470-5730 MHz 802.11a: 3.50 mW/MHz 802.11ac20: 6.00 mW/MHz 802.11ac40: 4.00 mW/MHz 802.11ac80: 1.50 mW/MHz
Channel Number:	5G Wi-Fi B1: 7; B2: 7; B3: 21
Channel Separation:	802.11a/n20/ac20: 20 MHz; 802.11n40/ac40: 40 MHz 802.11ac80: 80 MHz
Modulation Type:	OFDM
★Maximum Antenna Gain:	Chain 0: B1: 3.79 dBi; B2: 3.85 dBi; B3: 3.53 dBi Chain 1: B1: 3.90 dBi; B2: 3.98 dBi; B3: 3.94 dBi

Note: The maximum antenna gain was provided by the manufacturer.

All measurement and test data in this report was gathered from production sample serial number: RKSA260304001-1 (Assigned by the BACL (Kunshan)). The EUT supplied by the applicant was received on 2026-03-04.)

Objective

The objective of the manufacturer is to demonstrate compliance with Radio Law of Japan item 19-3 of Article 2 Paragraph 1, Radio equipment for 5G band low-power data communications system which uses a radio wave of W52/W53/W56 band.

Test Methodology

All measurements contained in this report were conducted with technical regulations of the Radio Law of Japan. DSPR 5GHz 帯小電力データ通信システムの特性試験方法

Test Facility

The Test site used by Bay Area Compliance Laboratories Corp. (Kunshan) to collect test data is located on the No.248 Chenghu Road, Kunshan, Jiangsu province, China.

EUT TEST CONFIGURATION

Description of Test Configuration

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

The system support 802.11a/n ht20/n ht40/ac vht20/vht40/vht80.

The 802.11 n20/n40 were reduced since the identical parameters with 802.11ac20 and ac40.

For **5150~5250 MHz** band:

802.11a/802.11ac20 mode Channel 36, 40, 48 were tested.

802.11ac40 mode Channel 38, 46 were tested.

802.11ac80 mode Channel 42 was tested.

Channel	Frequency (MHz)	Channel	Frequency (MHz)
36	5180	44	5220
38	5190	46	5230
40	5200	48	5240
42	5210	/	/

For **5250~5350 MHz** band:

802.11a/802.11ac20 mode Channel 52, 56, 64 were tested.

802.11ac40 mode Channel 54, 62 were tested.

802.11ac80 mode Channel 58 was tested.

Channel	Frequency (MHz)	Channel	Frequency (MHz)
52	5260	60	5300
54	5270	62	5310
56	5280	64	5320
58	5290	/	/

For 5470~5730 MHz band

802.11a/802.11ac20 mode Channel 100, 120, 144 were tested.

802.11ac40 mode Channel 102,118, 142 were tested.

802.11ac80 mode Channel 106, 122, 138 was tested.

Channel	Frequency (MHz)	Channel	Frequency (MHz)
100	5500	124	5620
102	5510	126	5630
104	5520	128	5640
106	5530	132	5660
108	5540	134	5670
110	5550	136	5680
112	5560	138	5690
116	5580	140	5700
118	5590	142	5710
120	5600	144	5720
122	5610	/	/

The worst-case data rates are determined to be as follows for each mode based upon investigation by measuring the average power, peak power and PSD across all data rates, bandwidths and modulations.

Test conditions

Voltage Fluctuation Test	Normal Voltage (V _{dc})	High Voltage (V _{dc})	Low Voltage (V _{dc})
Input DC Power	43.2	47.52	38.88
Input IC Power	3.29	3.30	3.28
Voltage Variation (%)	/	0.3	-0.3

Based on above table, The fluctuation of power supply to the RF circuit of EUT is equal to or less than +/- 1%. So exempt extremely high and low supply voltage condition tests, EUT only operated in normal voltage to test all regulations.

EUT Exercise Software

RF test tool: ADB

We have pretested all the data rate, the worst condition was performed under:

5150-5250 MHz:

Mode	Data Rate	Frequency (MHz)	★Power Level Setting	
			Chain 0	Chain 1
802.11a	6 Mbps	5180	14	14
		5200	14	14
		5240	14	14
802.11ac20	MCS0	5180	13	13
		5200	13	13
		5240	13	13
802.11ac40	MCS0	5190	12	12
		5230	12	12
802.11ac80	MCS0	5210	12	12

5250-5350 MHz:

Mode	Data Rate	Frequency (MHz)	★Power Level Setting	
			Chain 0	Chain 1
802.11a	6 Mbps	5260	11	10
		5280	11	10
		5320	11	10
802.11ac20	MCS0	5260	11	10
		5280	11	10
		5320	11	10
802.11ac40	MCS0	5270	11	10
		5310	11	10
802.11ac80	MCS0	5290	12	11

5470-5730 MHz:

Mode	Data Rate	Frequency (MHz)	★Power Level Setting	
			Chain 0	Chain 1
802.11a	6 Mbps	5500	17	16
		5600	17	16
		5720	17	16
802.11ac20	MCS0	5500	17	16
		5600	17	16
		5720	17	16
802.11ac40	MCS0	5510	17	16
		5590	17	16
		5710	17	16
802.11ac80	MCS0	5530	16	15
		5610	16	15
		5690	16	15

Note: The power level was declared by the applicant.

802.11a only support SISO mode. 802.11ac20/ac40/ac80 support SISO and MIMO mode

802.11a & 802.11ac: each transmit chains were tested.

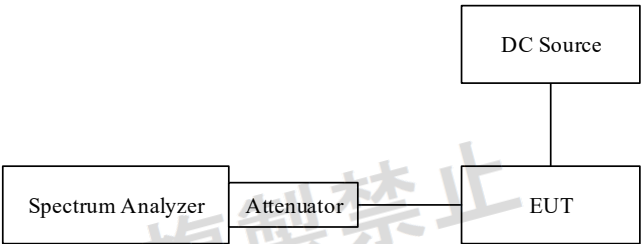
Support Equipment List and Details

Manufacturer	Description	Model	Serial Number
ZHAOXIN	DC Source	RXN-605D	21R605D08132677

External I/O Cable

Cable Description	Length (m)	From Port	To Port
RF Cable	0.3	Attenuator	EUT
Power Cable	1.0	EUT	DC Source

Configuration of Test Setup



SUMMARY OF TEST RESULTS

DSPP 5GHz 帯小電 力データ通信シス テムの特性試験方 法 Article 2, Paragraph 1, Item 19-3	Description of Test	Result
	1 Frequency Tolerance	Compliant
	2 Occupied Bandwidth	Compliant
	3 Transmitter Spurious Emission Strength	Compliant
	4 Output Power and Output Power Tolerance	Compliant
	5 Adjacent Channel Power	Compliant
	6 Secondary Radiated Emission Strength	Compliant
	7 Radio Interference Prevention Capability	Compliant
	8 Transmission Burst Length	Compliant
	9 Carrier Sense Function	Compliant
	10 Transmission Power Control Function (TPC)	Not Applicable (See Note 2)
	11 DFS Function	Compliant
Note	Construction Protection Confirmation	Compliant

Note:

1. MIC Ordinance Regulating Radio Equipment Section 4.17 of Article 49.20.
2. The EUT has no TPC function.

TEST EQUIPMENT LIST

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date	Calibration Authority	Calibration Method
Rohde & Schwarz	Spectrum Analyzer	FSV40-N	103298	2026-03-13	2027-03-12	BACL Cal	c)
Rohde & Schwarz	Signal Analyzer	FSV40	101116	2026-03-16	2027-03-15	BACL Cal	c)
Narda	Attenuator	20dB	20dB-02	2026-03-13	2027-03-12	BACL Cal	c)
Eastsheep	Attenuator	10dB	10dB-01	2026-03-12	2027-03-11	BACL Cal	c)
Tonscend Corporation	RF Control Unit	JS0806-2	24C80620830	2026-03-16	2027-03-15	BACL Cal	c)
Rohde & Schwarz	SMBV100A Vector Signal Generator	SMBV100A	261558	2026-03-12	2027-03-11	BACL Cal	c)
MACOM	Power Splitter	2090-6214-00	96341	2026-03-13	2027-03-12	BACL Cal	c)
Rohde & Schwarz	Wideband Radio Communication Tester	CMW500	104478	2026-03-12	2027-03-11	BACL Cal	c)
Fluke	Digital Multimeter	15B+	45401661WS	2026-03-13	2027-03-12	BACL Cal	c)
ZHAOXIN	DC Power Supply	RXN-605D	21R605D08132677	N/A	N/A	N/A	N/A
Rohde & Schwarz	Spectrum Analyzer	FSU26	200103	2026-03-16	2027-03-15	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)

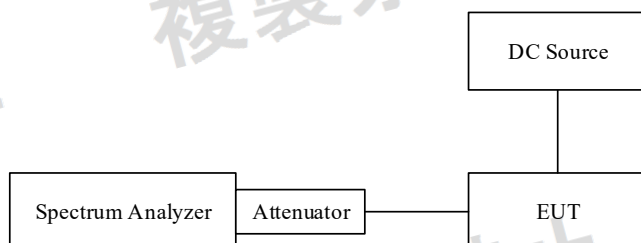
FREQUENCY TOLERANCE

Limit

Item	Limits
Frequency Tolerance	±20ppm

Test Procedure

1. Frequency accuracy of SA shall be less than 10% of limits tolerance (2ppm)
2. Setting of SA is following as: RBW: 1 kHz/VBW: 3 kHz
3. Center Frequency: The center frequency of testing for EUT
4. Sweep time: Auto
5. Sweep mode: Continuous sweep
6. Detect mode: Positive peak
7. Mark function: Frequency Counter (Resolution 100 Hz)
8. EUT have transmitted absence of modulation signal and fixed channelize. f is using the mark cursor to mark the peak frequency value, f_c is declaring of channel frequency. Then the frequency error formula is $(f_c - f)/f_c \times 10^6$ ppm and the limit is less than ±20ppm.



Note: Offset (10.5dB) = Attenuator (10dB) + cable loss (0.5dB)

Test Data: See Appendix

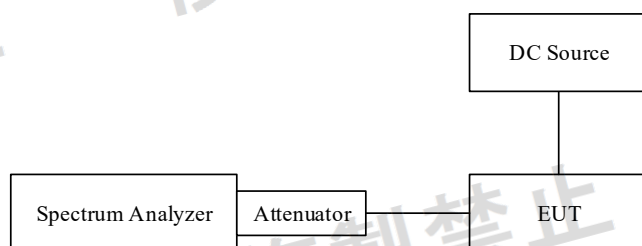
OCCUPIED BANDWIDTH

Limit

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

Test Procedure

- Setting of SA is following as: RB: 300 kHz/VB: 300 kHz/SPAN: 40 MHz or 50 MHz (for 802.11a / 802.11ac-VHT20/ 802.11n-HT20 mode); RB: 300 kHz/VB: 300 kHz / SPAN: 60 MHz or 80 MHz (for 802.11ac-VHT40 / 802.11n-HT40 mode); RB: 300 kHz / VB: 300 kHz / SPAN: 120 MHz or 160 MHz (for 802.11ac-VHT80 mode)/ Sweep time: Auto / Sweep Mode: Continuous sweep / Detect mode: Positive peak / Trace mode: Max hold
- EUT have transmitted the maximum modulation signal and fixed channelize. SA set to 99% of occupied bandwidth to measure occupied bandwidth.



Note: Offset (10.5dB) = Attenuator (10dB)+cable loss(0.5dB)

Test Data: See Appendix

TRANSMITTER SPURIOUS EMISSION STRENGTH**Limit****5150~5250MHz**

Manufacturer	Mode	Description
TX spurious emission	802.11a/ac20	30 MHz~5142 MHz limit $\leq 2.5 \mu\text{W/MHz}$ (-26 dBm/MHz)
		5142 MHz~5150 MHz limit $\leq 15 \mu\text{W/MHz}$ (-18.24 dBm/MHz)
		5250 MHz~5251 MHz limit $\leq 10^{1-(f-9)} \text{ mW/MHz}$
		5251 MHz~5260 MHz limit $\leq 10^{-1-(8/90)(f-11)} \text{ mW/MHz}$
		5260 MHz~5266.7 MHz limit $\leq 10^{-1.8-(6/50)(f-20)} \text{ mW/MHz}$
		5266.7 MHz~26000 MHz Limit $\leq 2.5 \mu\text{W/MHz}$ (-26 dBm/MHz)
	802.11ac40	30 MHz ~5141.6 MHz limit $\leq 2.5 \mu\text{W/MHz}$ (-26 dBm/MHz)
		5141.6 MHz~5150 MHz limit $\leq 15 \mu\text{W/MHz}$ (-18.24 dBm/MHz)
		5250 MHz~5251 MHz limit $\leq 10^{-(f-20)+\log(1/2)} \text{ mW/MHz}$
		5251 MHz~5270 MHz limit $\leq 10^{-(8/190)(f-21)-1+\log(1/2)} \text{ mW/MHz}$
		5270MHz~5278.4 MHz limit $\leq 10^{-(3/50)(f-40)-1.8+\log(1/2)} \text{ mW/MHz}$
		5278.4 MHz~26000 MHz limit $\leq 2.5 \mu\text{W/MHz}$ (-26 dBm/MHz)
	802.11ac80	30 MHz ~5123.2 MHz limit $\leq 2.5 \mu\text{W/MHz}$ (-26 dBm/MHz)
		5123.2 MHz~5150 MHz limit $\leq 15 \mu\text{W/MHz}$ (-18.24 dBm/MHz)
		5250 MHz~5251 MHz limit $\leq 10^{-(f-40)+\log(1/4)} \text{ mW/MHz}$
		5251 MHz~5290 MHz limit $\leq 10^{-(8/390)(f-41)-1+\log(1/4)} \text{ mW/MHz}$
		5290 MHz~5296.7 MHz limit $\leq 10^{-(3/100)(f-80)-1.8+\log(1/4)} \text{ mW/MHz}$
		5296.7 MHz~26000 MHz Limit $\leq 2.5 \mu\text{W/MHz}$ (-26 dBm/MHz)

Note:

For 802.11a/ac20, f=MHz, Difference from 5240(MHz)

For 802.11ac40, f=MHz, Difference from 5230(MHz)

For 802.11ac80, f=MHz, Difference from 5210(MHz)

5250~5350 MHz

Manufacturer	Mode	Description
TX spurious emission	802.11a/ac20	30 MHz~5233.3 MHz limit $\leq 2.5 \mu\text{W}/\text{MHz}(-26\text{dBm}/\text{MHz})$
		5233.3 MHz~5240 MHz limit $\leq 10^{-1.8-(6/50)(f-20)} \text{mW}/\text{MHz}$
		5240 MHz~5249 MHz limit $\leq 10^{-1-(8/90)(f-11)} \text{mW}/\text{MHz}$
		5249 MHz~5250 MHz limit $\leq 10^{1-(f-9)} \text{mW}/\text{MHz}$
		5350 MHz~26000 MHz Limit $\leq 2.5 \mu\text{W}/\text{MHz}(-26 \text{ dBm}/\text{MHz})$
	802.11ac40	30 MHz ~5221.6 MHz limit $\leq 2.5 \mu\text{W}/\text{MHz}(-26 \text{ dBm}/\text{MHz})$
		5221.6 MHz~5230 MHz limit $\leq 10^{-(3/50)(f-40)-1.8+\log(1/2)} \text{mW}/\text{MHz}$
		5230 MHz~5249 MHz limit $\leq 10^{-(8/190)(f-21)-1+\log(1/2)} \text{mW}/\text{MHz}$
		5249 MHz~5250 MHz limit $\leq 10^{-(f-20)-1+\log(1/2)} \text{mW}/\text{MHz}$
		5350MHz~5358.4 MHz limit $\leq 15 \mu\text{W}/\text{MHz} (-18.24 \text{ dBm}/\text{MHz})$
		5358.4 MHz~26000 MHz limit $\leq 2.5 \mu\text{W}/\text{MHz}(-26 \text{ dBm}/\text{MHz})$
	802.11ac80	30 MHz ~5203.3 MHz limit $\leq 2.5 \mu\text{W}/\text{MHz}(-26 \text{ dBm}/\text{MHz})$
		5203.3 MHz~5210 MHz limit $\leq 10^{-(3/100)(f-80)-1.8+\log(1/4)} \text{mW}/\text{MHz}$
		5210 MHz~5249 MHz limit $\leq 10^{-(8/390)(f-41)-1+\log(1/4)} \text{mW}/\text{MHz}$
		5249 MHz~5250 MHz limit $\leq 10^{-(f-40)+\log(1/4)} \text{mW}/\text{MHz}$
		5350 MHz~5376.8 MHz limit $\leq 15 \mu\text{W}/\text{MHz} (-18.24 \text{ dBm}/\text{MHz})$
		5376.8 MHz~26000 MHz Limit $\leq 2.5 \mu\text{W}/\text{MHz}(-26 \text{ dBm}/\text{MHz})$

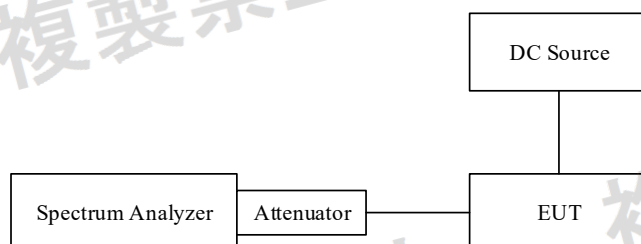
Note: For 802.11a/ac20, f=MHz, Difference from 5260(MHz)
 For 802.11ac40, f=MHz, Difference from 5270(MHz)
 For 802.11ac80, f=MHz, Difference from 5290(MHz)

5470~5730MHz

Manufacturer	Mode	Description
TX spurious emission	802.11a	30 MHz~5460 MHz limit≤ 2.5 μW/MHz(-26 dBm/MHz)
		5460 MHz~5470 MHz limit≤12.5 μW/MHz(-19 dBm/MHz)
		5745 MHz~5765 MHz limit≤12.5 μW/MHz(-19 dBm/MHz)
		5765 MHz~26000 MHz Limit≤ 2.5 μW/MHz(-26 dBm/MHz)
	802.11ac20	30 MHz~5460 MHz limit≤ 2.5 μW/MHz(-26 dBm/MHz)
		5460 MHz~5470 MHz limit≤12.5 μW/MHz(-19 dBm/MHz)
		5745 MHz~5765 MHz limit≤12.5 μW/MHz(-19 dBm/MHz)
		5765 MHz~26000 MHz Limit≤ 2.5 μW/MHz(-26 dBm/MHz)
	802.11ac40	30 MHz ~5460 MHz limit≤ 12.5 μW/MHz
		5460 MHz~5470 MHz limit≤50 μW/MHz
		5770 MHz~26000 MHz limit≤12.5 μW/MHz
	802.11ac80	30 MHz ~5460 MHz limit≤ 12.5 μW/MHz
		5460 MHz~5469.5 MHz limit≤50 μW/MHz
		5469.5 MHz~5470MHz limit≤51.2 μW/MHz
		5770 MHz~26000 MHz Limit≤ 12.5 μW/MHz

Test Procedure

Measurement System Diagram



Note:

Chain 0:

Band 1:Offset (14.29 dB) = Attenuator (10 dB)+cable loss(0.5 dB)+antenna gain(3.79 dBi)

Band 2:Offset (14.35 dB) = Attenuator (10 dB)+cable loss(0.5 dB)+antenna gain(3.85 dBi)

Band 3:Offset (14.03 dB) = Attenuator (10 dB)+cable loss(0.5 dB)+antenna gain(3.53 dBi)

Chain 1:

Band 1:Offset (14.40 dB) = Attenuator (10dB)+cable loss(0.5dB)+antenna gain(3.90 dBi)

Band 2:Offset (14.48 dB) = Attenuator (10dB)+cable loss(0.5dB)+antenna gain(3.98 dBi)

Band 3:Offset (14.44 dB) = Attenuator (10dB)+cable loss(0.5dB)+antenna gain(3.94 dBi)

Conditions of Application Equipment (EUT)

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

Test Data: See Appendix

OUTPUT POWER AND OUTPUT POWER TOLERANCE**Limit****W52**

Item	Limits
Antenna Power	$\leq 10\text{mW/MHz}$ (OFDM - OBW $\leq 20\text{MHz}$); $\leq 5\text{mW/MHz}$ (OFDM - 20 $\leq$ OBW $\leq 40\text{MHz}$) $\leq 2.5\text{mW/MHz}$ (OFDM - 40 $\leq$ OBW $\leq 80\text{MHz}$)
E.I.R.P.	$\leq 10\text{mW/MHz}$ (OFDM - OBW $\leq 20\text{MHz}$); $\leq 5\text{mW/MHz}$ (OFDM - 20 $\leq$ OBW $\leq 40\text{MHz}$) $\leq 2.5\text{mW/MHz}$ (OFDM - 40 $\leq$ OBW $\leq 80\text{MHz}$)
Antenna Power Tolerance	+20%, -80%

W53

Item	Limits
Antenna Power	$\leq 10\text{mW/MHz}$ (OFDM - OBW $\leq 20\text{MHz}$); $\leq 5\text{mW/MHz}$ (OFDM - 20 $\leq$ OBW $\leq 40\text{MHz}$) $\leq 2.5\text{mW/MHz}$ (OFDM - 40 $\leq$ OBW $\leq 80\text{MHz}$)
E.I.R.P.	$\leq 5\text{mW/MHz}$ (OFDM - OBW $\leq 20\text{MHz}$); $\leq 2.5\text{mW/MHz}$ (OFDM - 20 $\leq$ OBW $\leq 40\text{MHz}$) $\leq 1.25\text{mW/MHz}$ (OFDM - 40 $\leq$ OBW $\leq 80\text{MHz}$)
Antenna Power Tolerance	+20%, -80%

W56

Item	Limits
Antenna Power	$\leq 10\text{mW/MHz}$ (OFDM - OBW $\leq 20\text{MHz}$); $\leq 5\text{mW/MHz}$ (OFDM - 20 $\leq$ OBW $\leq 40\text{MHz}$) $\leq 2.5\text{mW/MHz}$ (OFDM - 40 $\leq$ OBW $\leq 80\text{MHz}$)
E.I.R.P.	$\leq 25\text{mW/MHz}$ (OFDM - OBW $\leq 20\text{MHz}$); $\leq 12.5\text{mW/MHz}$ (OFDM - 20 $\leq$ OBW $\leq 40\text{MHz}$) $\leq 6.25\text{mW/MHz}$ (OFDM - 40 $\leq$ OBW $\leq 80\text{MHz}$)
Antenna Power Tolerance	+50%, -50%

Test Procedure**Step 1:**

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

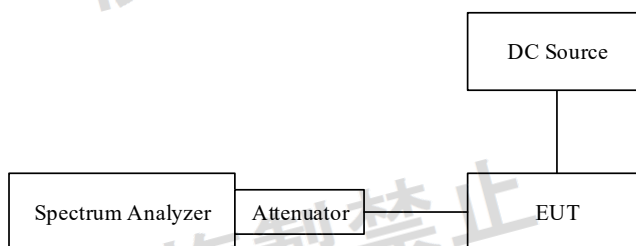
- Centre Frequency: The centre frequency of the channel under test.
- RBW: 1 MHz
- VBW: 1 MHz
- Span: Wide enough to cover the complete power envelope of the signal of the UUT.
- Detector: Peak.
- Trace Mode: Max Hold.

Step 2:

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

Step3: Make the following changes to the settings of the spectrum analyzer:

- 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.

Test Setup Block diagram

Note: Offset (10.5dB) = Attenuator (10dB)+cable loss(0.5dB)

Test Data: See Appendix

ADJACENT CHANNEL POWER

Applicable Standard

According to item 19-3 of Article 2 Paragraph 1, Radio equipment for low-power data communications system radio station which uses indoors a radio wave of 5190MHz, or 5230MHz.

Limit

Item	Limits
Adjacent Channel Power	$\geq 25\text{dB}$ (fc $\pm 80\text{MHz}$) Channel power bandwidth 80MHz
	$\geq 25\text{dB}$ (fc $\pm 40\text{MHz}$) Channel power bandwidth 40MHz
	$\geq 40\text{dB}$ (fc $\pm 80\text{MHz}$) Channel power bandwidth 40MHz
	$\geq 25\text{dB}$ (fc $\pm 20\text{MHz}$) Channel power bandwidth 20MHz
	$\geq 40\text{dB}$ (fc $\pm 40\text{MHz}$) Channel power bandwidth 20MHz
	$\geq 25\text{dB}$ (fc $\pm 20\text{MHz}$) Channel power bandwidth 18MHz
	$\geq 40\text{dB}$ (fc $\pm 40\text{MHz}$) Channel power bandwidth 18MHz

Test Procedure

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

Test Data: See Appendix

SECONDARY RADIATED EMISSION STRENGTH

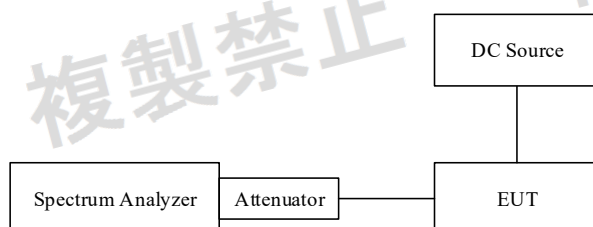
Limit

$\leq 4 \text{ nW}$ ($30 \text{ MHz} \leq f \leq 1000 \text{ MHz}$)

$\leq 20 \text{ nW}$ ($1 \text{ GHz} \leq f \leq 26 \text{ GHz}$)

Test Procedure

Measurement System Diagram



Note: Offset (10.5dB) = Attenuator (10dB) + cable loss (0.5dB)

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

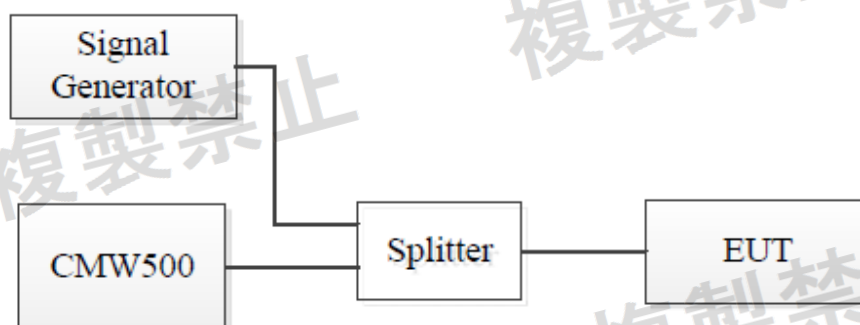
Test Data: See Appendix

RADIO INTERFERENCE PREVENTION CAPABILITY**Limit**

Item	Description
Identification code	≤48 bits

Test Procedure

Measurement System Diagram



1. in the case that the EUT has the function of automatically transmitting the identification code: a. Transmit the predetermined identification codes form EUT. b. Check the transmitted identification code with the demodulator.
2. In the case of receiving the identification code: a. Transmit the predetermined identification codes from the counterpart. b. Check if communication is normal. c. Transmit the signals other than predetermined ID codes form the counterpart. d. check if the EUT stops the transmission, or if it display that identification codes are different from the predetermined ones.

Test Result: Pass

Test Date:	2026-03-13
Temperature:	21.7°C
Relative Humidity:	46 %
ATM Pressure:	103.1 kPa
Test Result:	Pass
Test Engineer:	Neil Zhou

Test Data:

Item	Result	Requirement	Verdict
Methodology to transmit ID Code:	Automatically	Automatically	Compliant
Methodology to receive ID Code:	Automatically	Automatically	Compliant
Identification Codes (ID Codes) of EUT:	c8:fe:0f:f6:1f:2b	/	/
Bits of ID Codes:	48bits	48 bits or more	Compliant

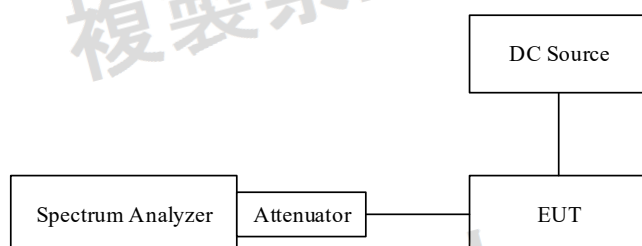
Test Result: Good.

TRANSMISSION BURST LENGTH**Limit**

Item	Description
Transmission Burst Length	≤8 ms

Test Procedure

Measurement System Diagram



Note: Offset (10.5dB) = Attenuator (10dB)+cable loss(0.5dB)

1. The transmitter output (antenna port) was connected to the spectrum analyzer
2. Set RBW of spectrum analyzer to 10 MHz and VBW to 10 MHz.
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.

Test Data: See Appendix

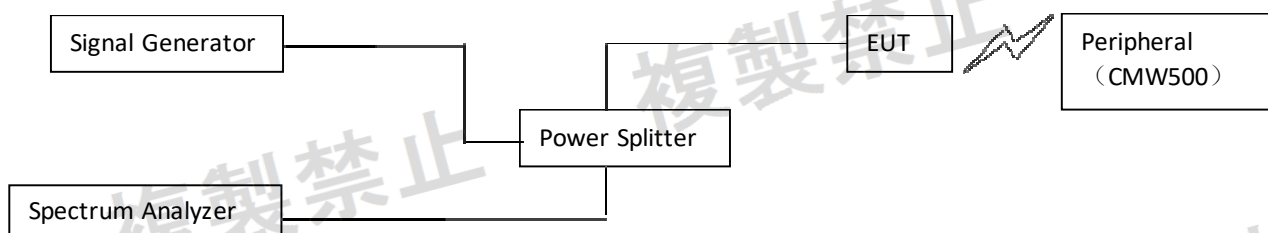
CARRIER SENSING FUNCTION

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. Setting the SA as following:

Center frequency: Center frequency of the receiving frequency band

Span: Approximately the allowable value of occupied frequency bandwidth

RB: 1MHz

VB: Same as RB

Trigger type: Free-run

Detector: Peak

2. Turn the SG on

The SG setting as following:

a. Modulation type: Un-modulated

b. Output power level: The regulated power level on the antenna input of the EUT.

c. Put the test equipment into RX mode.

d. Turn on the output of the signal generator.

e. Set the test equipment to transmit operation and use a spectrum analyzer to confirm that it does not emit radio waves.

f. Put the test equipment into RX mode.

g. Turn off the output of the standard signal generator.

h. Set the test equipment to transmit operation and use a spectrum analyzer to confirm that it emits radio waves.

Test Result: Compliant

CONSTRUCTION PROTECTION CONFIRMATION

Limit

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

Confirmation Method

The EUT's shell has been locked by screws, so it cannot be opened easily. Please refer the external photographs.

DYNAMIC FREQUENCY SELECTION

Requirement:

(W53) (W56): Slave Station (Controlled by Master)

It has the following functions.

Chooses the frequency which transmits automatically by the control from a "master station".
Transmission and a stop of a radio wave are performed by the control from a "master station".

Result: Compliant

Test Data: See Appendix

APPENDIX - TEST DATA**FREQUENCY TOLERANCE****Environmental Conditions & Test Information**

Test Date:	2026-03-16	2026-03-20
Temperature:	20°C	23.4°C
Relative Humidity:	48 %	52 %
ATM Pressure:	102.9 kPa	103.1 kPa
Test Result:	Pass	Pass
Test Engineer:	Neil Zhou	Neil Zhou

*Test Mode: Transmitting Single Carrier***5150~5250MHz****Chain 0**

Mode	Frequency (MHz)	Measure Frequency (MHz)	Frequency Tolerance (ppm)	Limit (ppm)	Verdict
Single Carrier	5180	5179.91780	-15.87	± 20	Pass
	5190	5189.91540	-16.30	± 20	Pass
	5200	5199.91570	-16.21	± 20	Pass
	5210	5209.91570	-16.18	± 20	Pass
	5230	5229.91690	-15.89	± 20	Pass
	5240	5239.91750	-15.74	± 20	Pass

$$FT \text{ (ppm)} = \{(MF - F) / F\} * 1000000$$

(FT: Frequency Tolerance, F: Frequency, MF: Measurement Frequency)

Chain 1

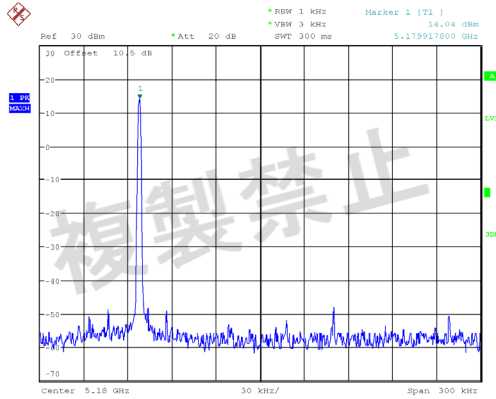
Mode	Frequency (MHz)	Measure Frequency (MHz)	Frequency Tolerance (ppm)	Limit (ppm)	Verdict
Single Carrier	5180	5179.91465	-16.48	± 20	Pass
	5190	5189.91675	-16.04	± 20	Pass
	5200	5199.91495	-16.36	± 20	Pass
	5210	5209.91435	-16.44	± 20	Pass
	5230	5229.91525	-16.20	± 20	Pass
	5240	5239.91285	-16.63	± 20	Pass

FT (ppm) = {(MF - F) / F} * 1000000

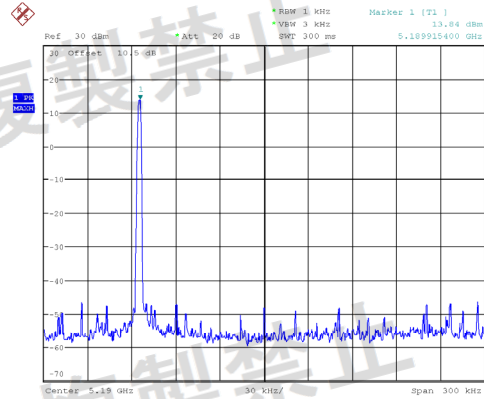
(FT: Frequency Tolerance, F: Frequency, MF: Measurement Frequency)

5150~5250MHz, Chain 0

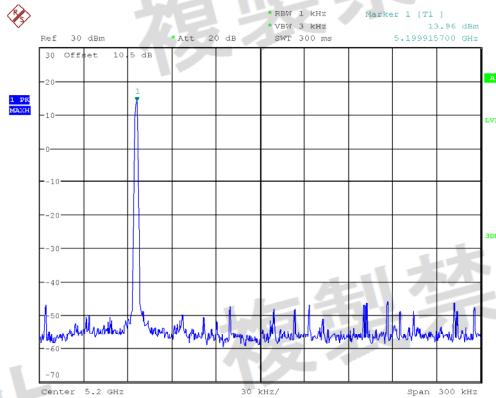
5180MHz



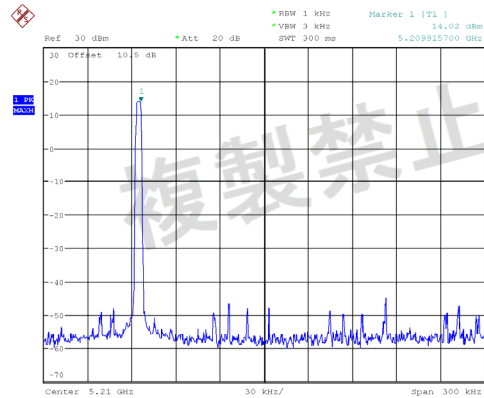
5190MHz



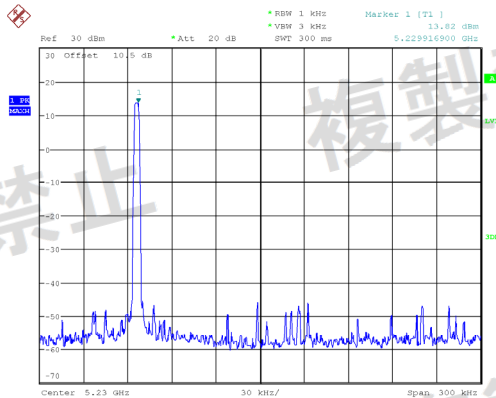
5200MHz



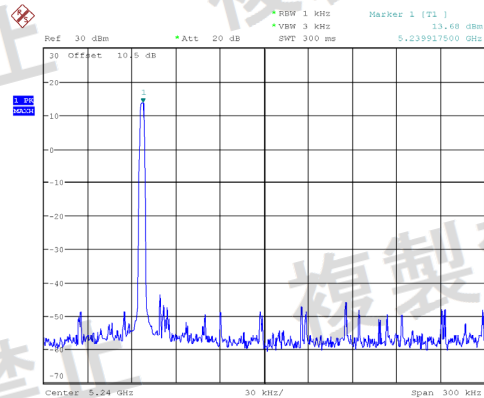
5210MHz



5230MHz

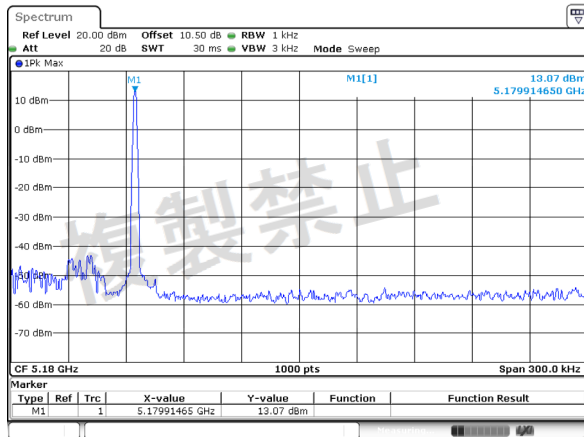


5240MHz

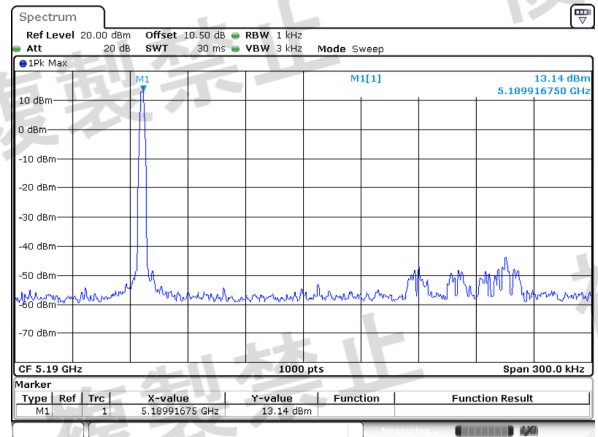


5150~5250MHz, Chain 1

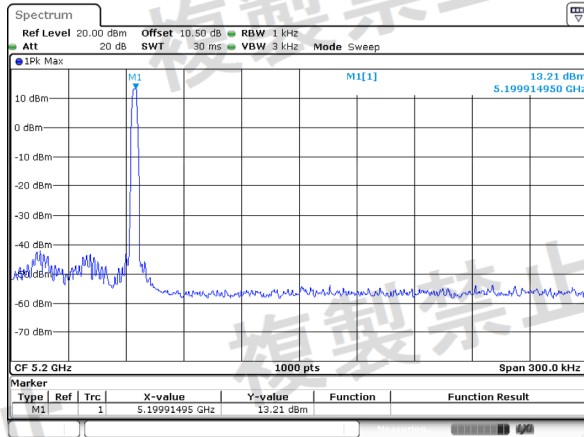
5180MHz

ProjectNo.: RKSA260304001 Tester: Neil Zhou
Date: 20 MAR 2026 16:42:02

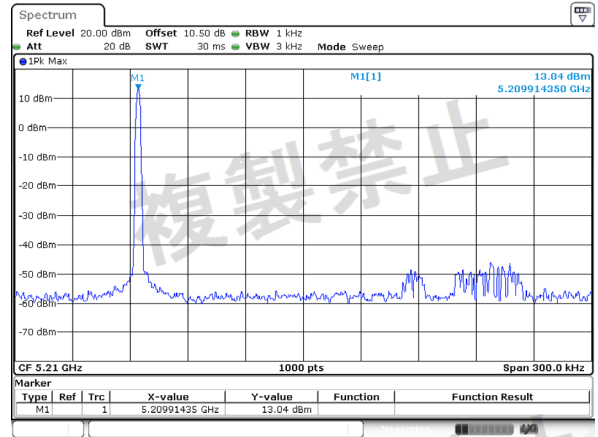
5190MHz

ProjectNo.: RKSA260304001 Tester: Neil Zhou
Date: 20 MAR 2026 16:47:26

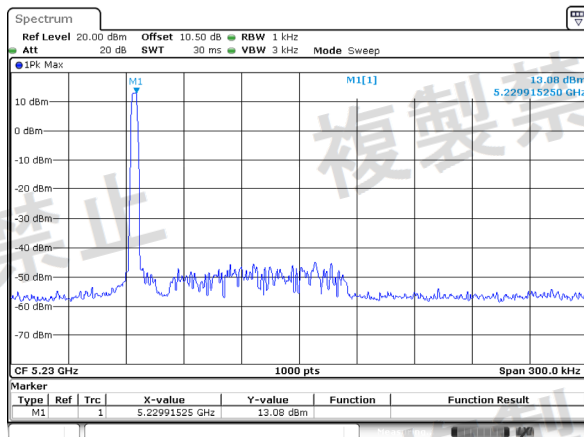
5200MHz

ProjectNo.: RKSA260304001 Tester: Neil Zhou
Date: 20 MAR 2026 16:43:06

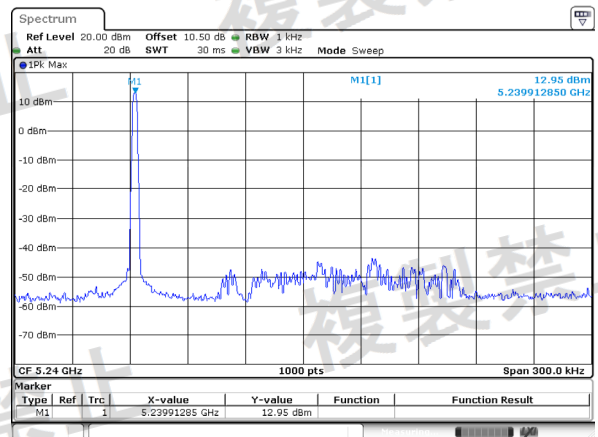
5210MHz

ProjectNo.: RKSA260304001 Tester: Neil Zhou
Date: 20 MAR 2026 16:50:09

5230MHz

ProjectNo.: RKSA260304001 Tester: Neil Zhou
Date: 20 MAR 2026 16:48:30

5240MHz

ProjectNo.: RKSA260304001 Tester: Neil Zhou
Date: 20 MAR 2026 16:45:31

5250~5350MHz**Chain 0**

Mode	Frequency (MHz)	Measure Frequency (MHz)	Frequency Tolerance (ppm)	Limit (ppm)	Verdict
Single Carrier	5260	5259.91360	-16.43	± 20	Pass
	5270	5269.91480	-16.17	± 20	Pass
	5280	5279.91540	-16.02	± 20	Pass
	5290	5289.91390	-16.28	± 20	Pass
	5310	5309.91330	-16.33	± 20	Pass
	5320	5319.91390	-16.18	± 20	Pass

Chain 1

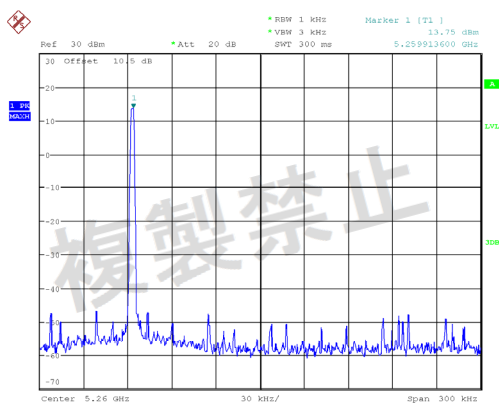
Mode	Frequency (MHz)	Measure Frequency (MHz)	Frequency Tolerance (ppm)	Limit (ppm)	Verdict
Single Carrier	5260	5259.91315	-16.51	± 20	Pass
	5270	5269.91345	-16.42	± 20	Pass
	5280	5279.91255	-16.56	± 20	Pass
	5290	5289.91225	-16.59	± 20	Pass
	5310	5309.91225	-16.53	± 20	Pass
	5320	5319.91225	-16.49	± 20	Pass

$$FT \text{ (ppm)} = \{(MF - F) / F\} * 1000000$$

(FT: Frequency Tolerance, F: Frequency, MF: Measurement Frequency)

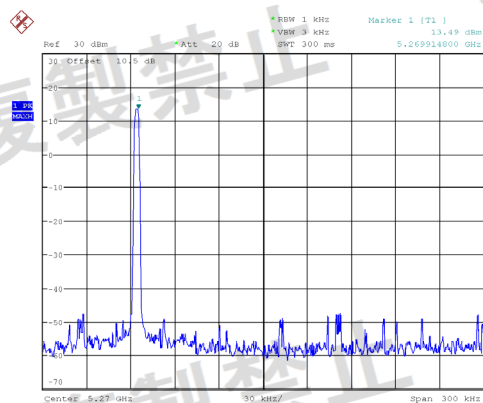
5250~5350MHz, Chain 0

5260MHz



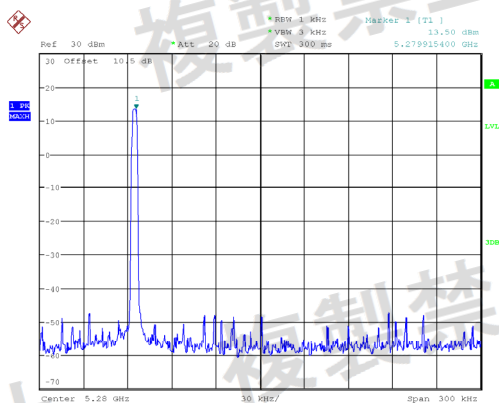
ProjectNo.:RKSA260304001 Tester:Neil Zhou
Date: 16.MAR.2026 13:45:25

5270MHz



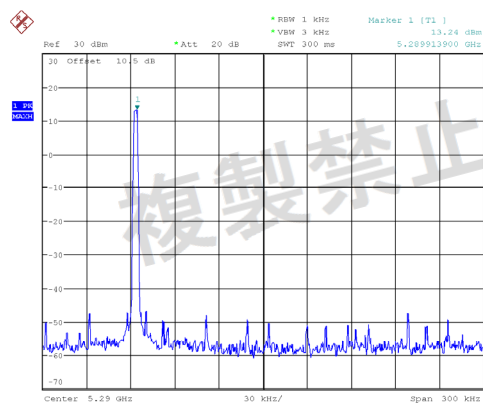
ProjectNo.:RKSA260304001 Tester:Neil Zhou
Date: 16.MAR.2026 13:49:25

5280MHz



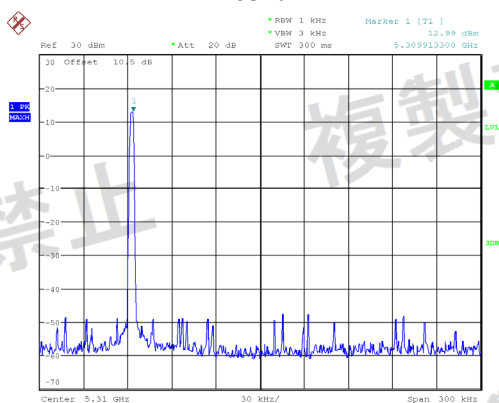
ProjectNo.:RKSA260304001 Tester:Neil Zhou
Date: 16.MAR.2026 13:47:15

5290MHz



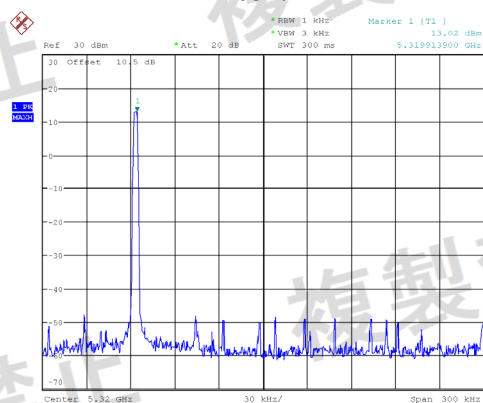
ProjectNo.:RKSA260304001 Tester:Neil Zhou
Date: 16.MAR.2026 13:53:13

5310MHz



ProjectNo.:RKSA260304001 Tester:Neil Zhou
Date: 16.MAR.2026 13:50:36

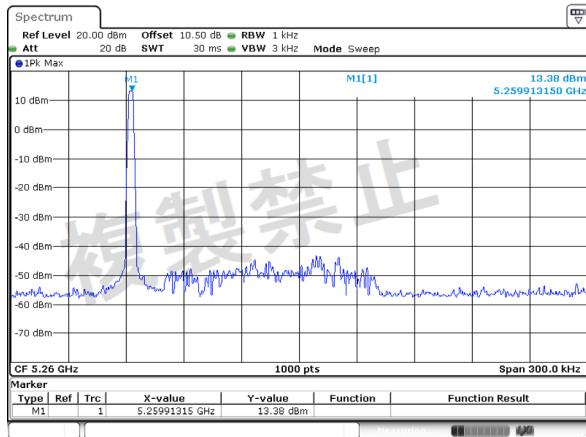
5320MHz



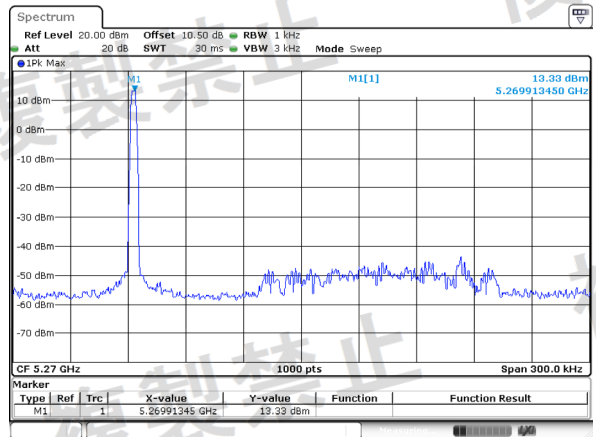
ProjectNo.:RKSA260304001 Tester:Neil Zhou
Date: 16.MAR.2026 13:46:15

5250~5350MHz, Chain 1

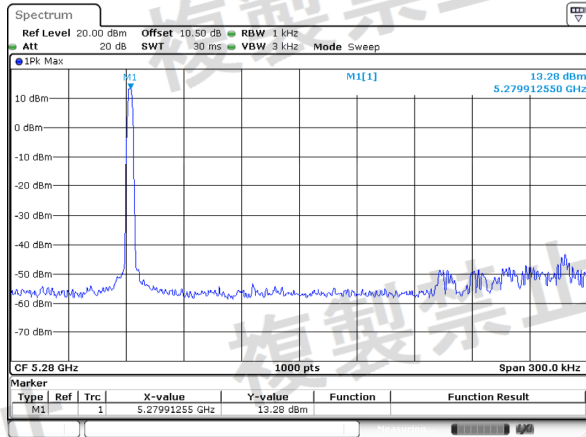
5260MHz

ProjectNo: RKSA260304001 Tester: Neil Zhou
Date: 20 MAR 2026 16:52:56

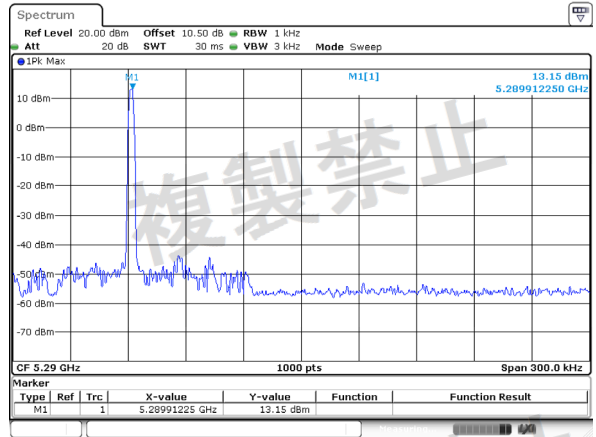
5270MHz

ProjectNo: RKSA260304001 Tester: Neil Zhou
Date: 20 MAR 2026 16:55:56

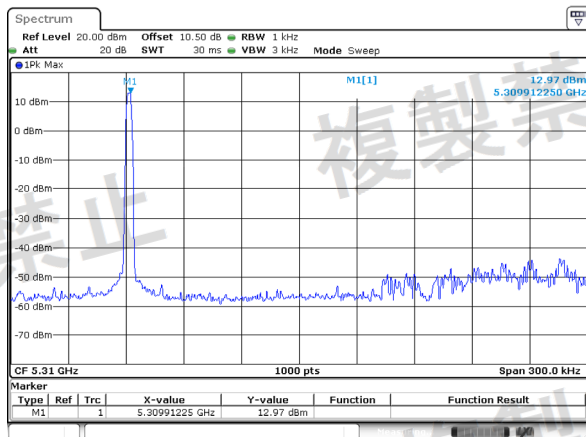
5280MHz

ProjectNo: RKSA260304001 Tester: Neil Zhou
Date: 20 MAR 2026 16:53:51

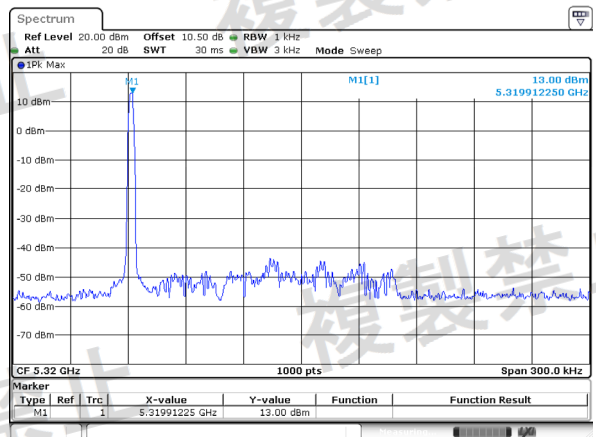
5290MHz

ProjectNo: RKSA260304001 Tester: Neil Zhou
Date: 20 MAR 2026 16:58:10

5310MHz

ProjectNo: RKSA260304001 Tester: Neil Zhou
Date: 20 MAR 2026 16:56:55

5320MHz

ProjectNo: RKSA260304001 Tester: Neil Zhou
Date: 20 MAR 2026 16:54:52

5470~5730MHz**Chain 0**

Mode	Frequency (MHz)	Measure Frequency (MHz)	Frequency Tolerance (ppm)	Limit (ppm)	Verdict
Single Carrier	5500	5499.91720	-15.05	± 20	Pass
	5510	5509.91420	-15.57	± 20	Pass
	5530	5529.91330	-15.68	± 20	Pass
	5590	5589.91180	-15.78	± 20	Pass
	5600	5599.91300	-15.54	± 20	Pass
	5610	5609.90940	-16.15	± 20	Pass
	5690	5689.90700	-16.34	± 20	Pass
	5710	5709.90580	-16.50	± 20	Pass
	5720	5719.91150	-15.47	± 20	Pass

$$FT \text{ (ppm)} = \{(MF - F) / F\} * 1000000$$

(FT: Frequency Tolerance, F: Frequency, MF: Measurement Frequency)

Chain 1

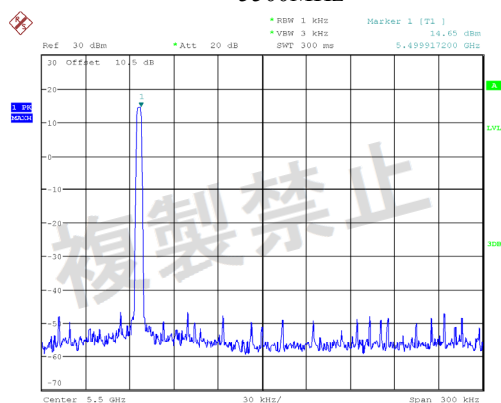
Mode	Frequency (MHz)	Measure Frequency (MHz)	Frequency Tolerance (ppm)	Limit (ppm)	Verdict
Single Carrier	5500	5499.90895	-16.55	± 20	Pass
	5510	5509.91075	-16.20	± 20	Pass
	5530	5529.90865	-16.52	± 20	Pass
	5590	5589.90835	-16.40	± 20	Pass
	5600	5599.90835	-16.37	± 20	Pass
	5610	5609.90745	-16.50	± 20	Pass
	5690	5689.90595	-16.53	± 20	Pass
	5710	5709.90625	-16.42	± 20	Pass
	5720	5719.90595	-16.44	± 20	Pass

$$FT \text{ (ppm)} = \{(MF - F) / F\} * 1000000$$

(FT: Frequency Tolerance, F: Frequency, MF: Measurement Frequency)

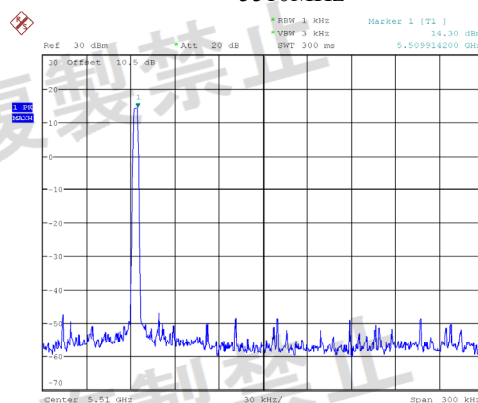
5470~5730MHz, Chain 0

5500MHz



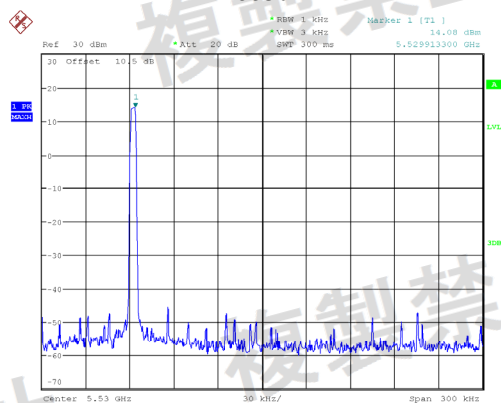
ProjectNo.:RKSA260304001 Tester:Neil Zhou
Date: 16.MAR.2026 14:05:21

5510MHz



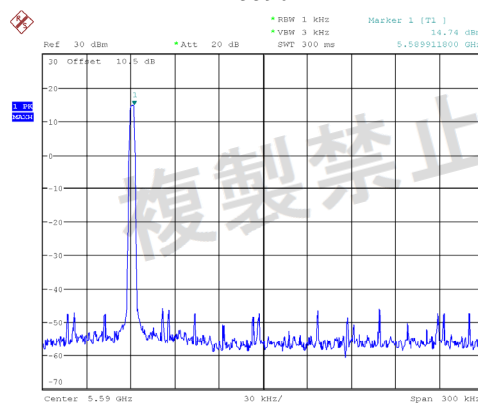
ProjectNo.:RKSA260304001 Tester:Neil Zhou
Date: 16.MAR.2026 14:10:09

5530MHz



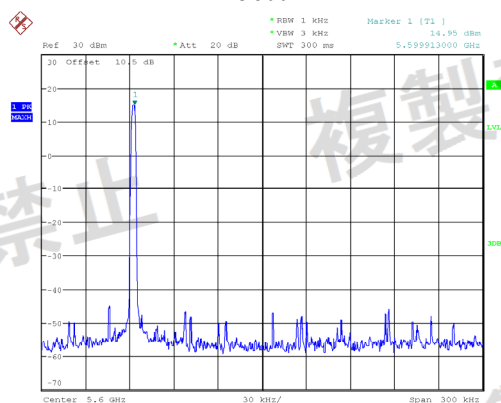
ProjectNo.:RKSA260304001 Tester:Neil Zhou
Date: 16.MAR.2026 14:17:36

5590MHz



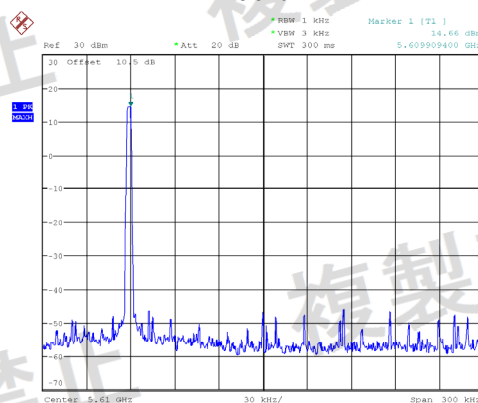
ProjectNo.:RKSA260304001 Tester:Neil Zhou
Date: 16.MAR.2026 14:11:48

5600MHz



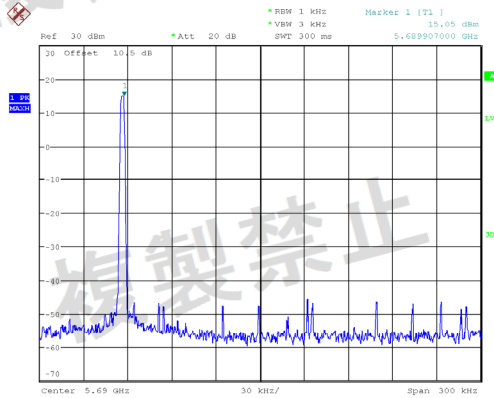
ProjectNo.:RKSA260304001 Tester:Neil Zhou
Date: 16.MAR.2026 14:06:28

5610MHz



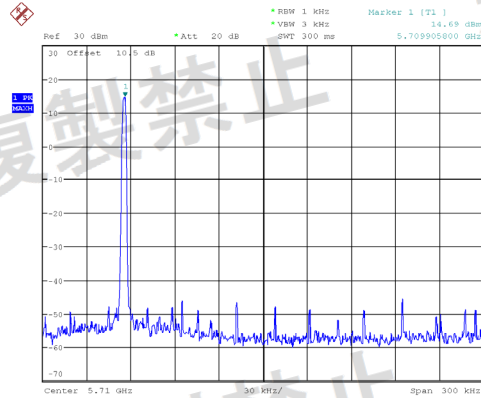
ProjectNo.:RKSA260304001 Tester:Neil Zhou
Date: 16.MAR.2026 14:19:09

5690MHz



ProjectNo.:RKSA260304001 Tester:Neil Zhou
Date: 16.MAR.2026 14:22:02

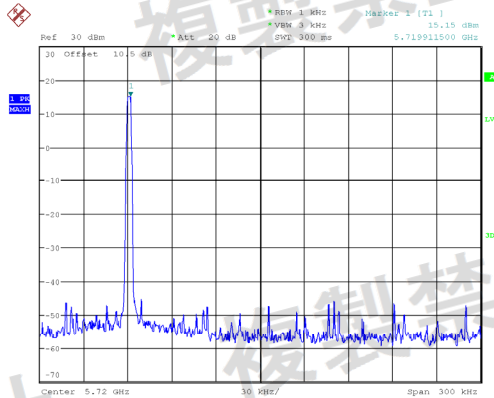
5710MHz



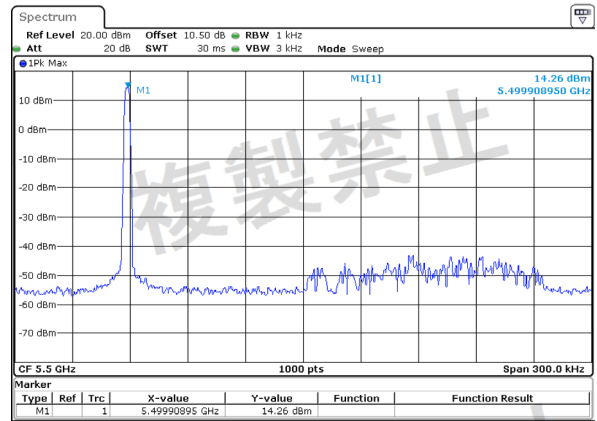
ProjectNo.:RKSA260304001 Tester:Neil Zhou
Date: 16.MAR.2026 14:14:59

5470~5730MHz, Chain 1

5500MHz

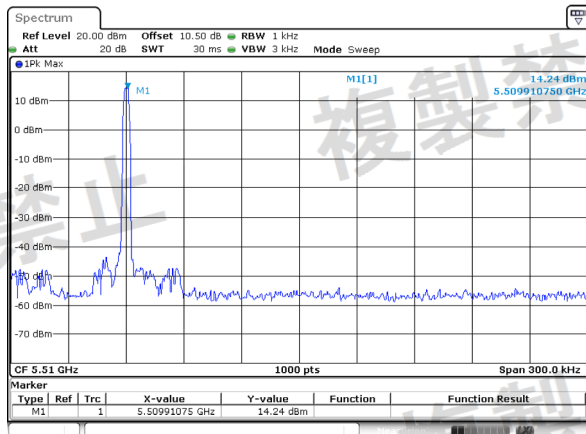


ProjectNo.:RKSA260304001 Tester:Neil Zhou
Date: 16.MAR.2026 14:00:26



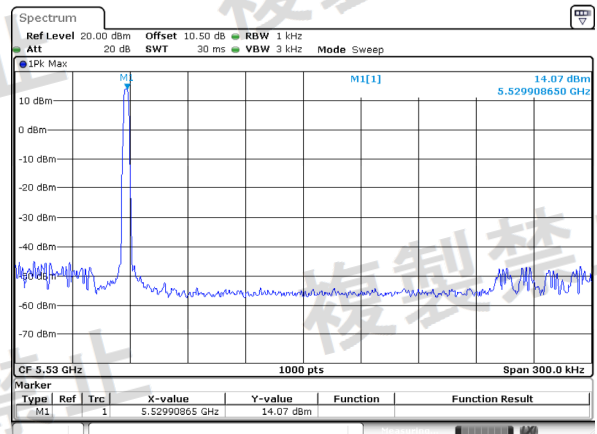
ProjectNo.:RKSA260304001 Tester:Neil Zhou
Date: 20.MAR.2026 16:59:15

5510MHz



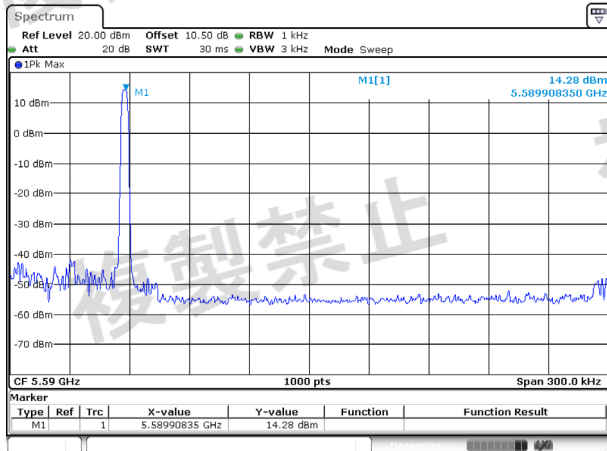
ProjectNo.:RKSA260304001 Tester:Neil Zhou
Date: 20.MAR.2026 17:02:44

5530MHz



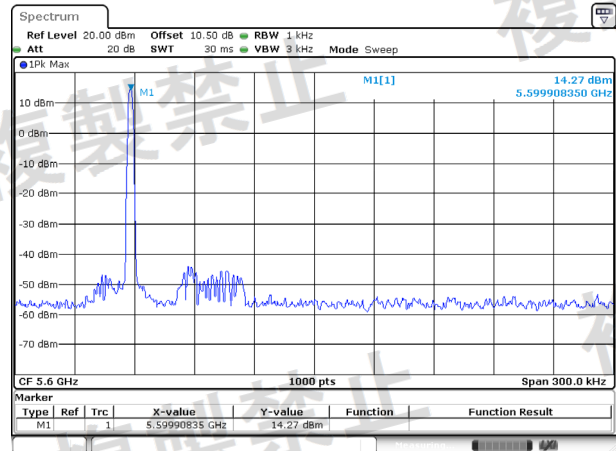
ProjectNo.:RKSA260304001 Tester:Neil Zhou
Date: 20.MAR.2026 17:06:08

5590MHz



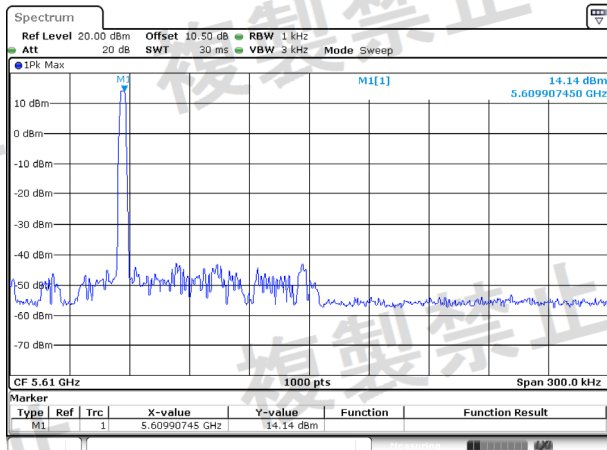
ProjectNo. RKSA260304001 Tester: Neil Zhou
Date: 20.MAR.2026 17:03:51

5600MHz



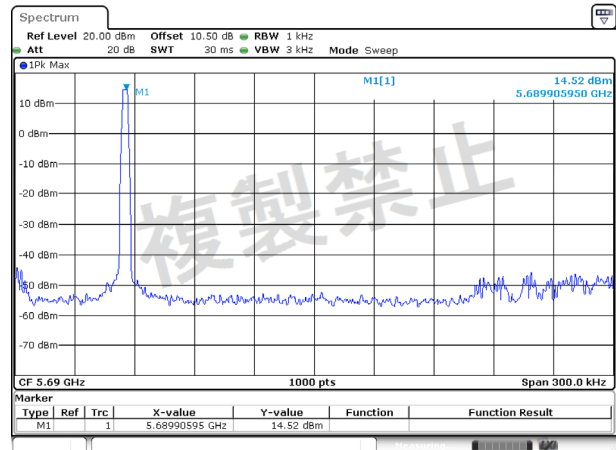
ProjectNo. RKSA260304001 Tester: Neil Zhou
Date: 20.MAR.2026 17:00:07

5610MHz



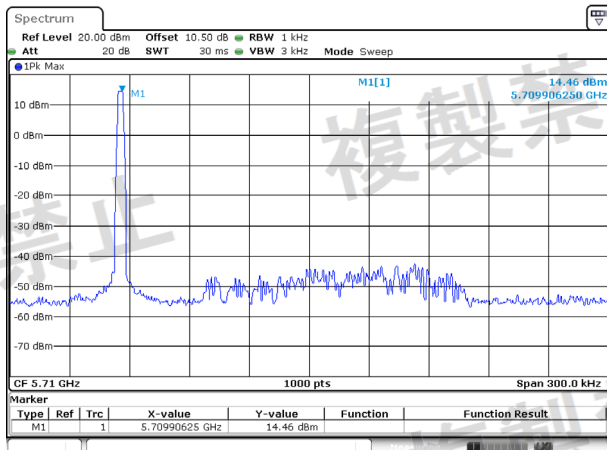
ProjectNo. RKSA260304001 Tester: Neil Zhou
Date: 20.MAR.2026 17:07:33

5690MHz



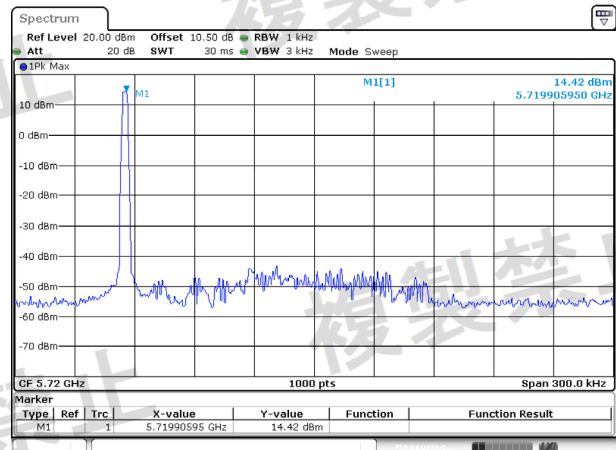
ProjectNo. RKSA260304001 Tester: Neil Zhou
Date: 20.MAR.2026 17:08:47

5710MHz



ProjectNo. RKSA260304001 Tester: Neil Zhou
Date: 20.MAR.2026 17:05:06

5720MHz



ProjectNo. RKSA260304001 Tester: Neil Zhou
Date: 20.MAR.2026 17:01:06

OCCUPIED BANDWIDTH**Environmental Conditions & Test Information**

Test Date:	2026-03-19	2026-03-20
Temperature:	21°C	23.4°C
Relative Humidity:	50 %	52 %
ATM Pressure:	102.5 kPa	103.1 kPa
Test Result:	Pass	Pass
Test Engineer:	Neil Zhou	Neil Zhou

*Test Mode: Transmitting***5150~5250MHz****Chain 0**

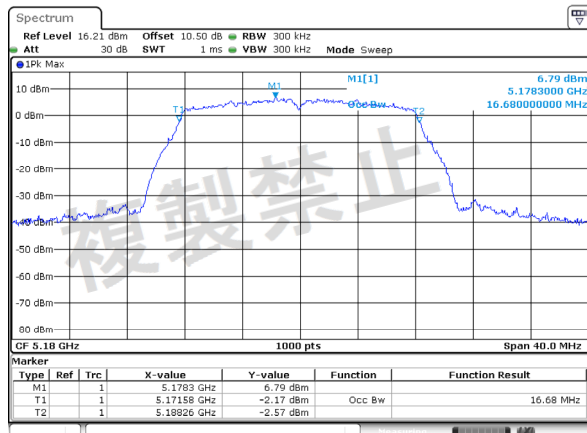
Mode	Result(MHz)			Limit(MHz)	Verdict
	Low Channel	Middle Channel	High Channel		
802.11a	16.68	16.72	16.68	≤ 20	Pass
802.11ac20	17.68	17.68	17.72	≤ 20	Pass
802.11ac40	35.84	/	36.00	≤ 40	Pass
802.11ac80	/	75.52	/	≤ 80	Pass

Chain 1

Mode	Result(MHz)			Limit(MHz)	Verdict
	Low Channel	Middle Channel	High Channel		
802.11a	16.72	16.73	16.68	≤ 20	Pass
802.11ac20	17.64	17.64	17.68	≤ 20	Pass
802.11ac40	36.00	/	35.92	≤ 40	Pass
802.11ac80	/	75.36	/	≤ 80	Pass

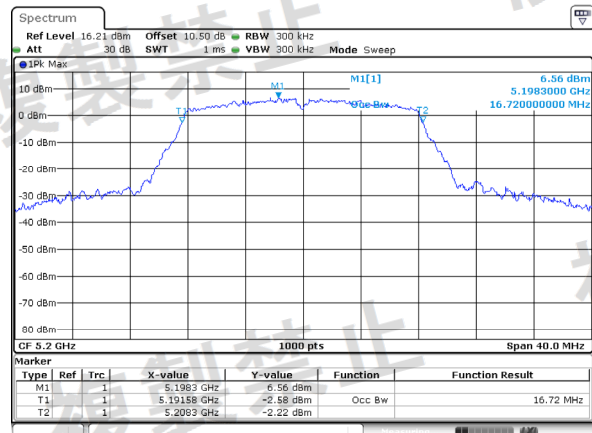
5150~5250MHz, Chain 0

802.11a, Low Channel



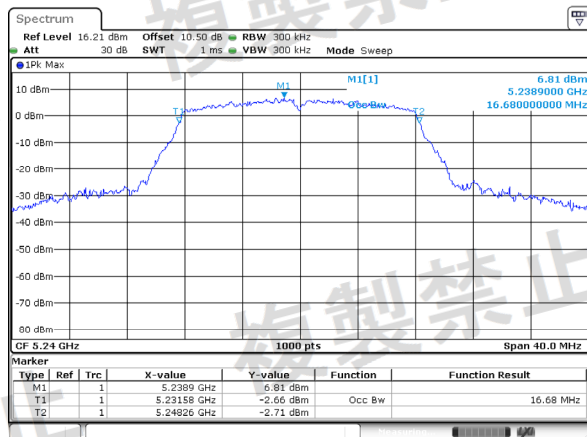
ProjectNo.: RKSA260304001 Tester: Neil Zhou
Date: 19 MAR 2026 14:17:11

802.11a, Middle Channel



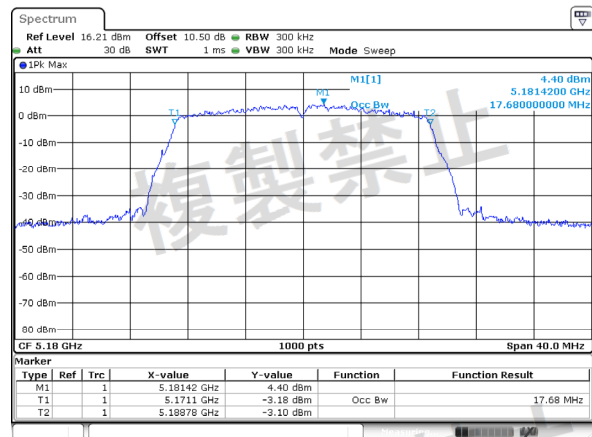
ProjectNo.: RKSA260304001 Tester: Neil Zhou
Date: 19 MAR 2026 14:17:58

802.11a, High Channel



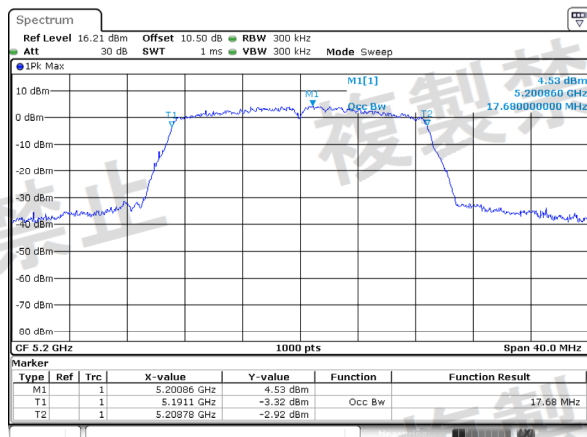
ProjectNo.: RKSA260304001 Tester: Neil Zhou
Date: 19 MAR 2026 14:16:49

802.11ac20, Low Channel



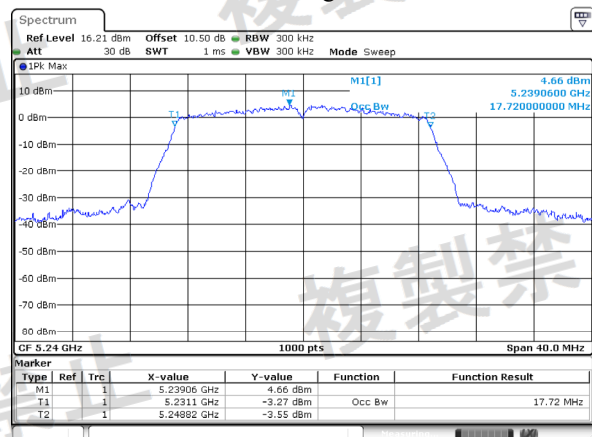
ProjectNo.: RKSA260304001 Tester: Neil Zhou
Date: 19 MAR 2026 14:21:25

802.11ac20, Middle Channel



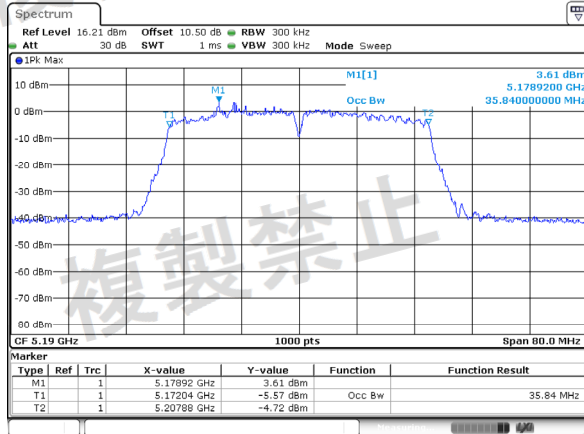
ProjectNo.: RKSA260304001 Tester: Neil Zhou
Date: 19 MAR 2026 14:23:13

802.11ac20, High Channel



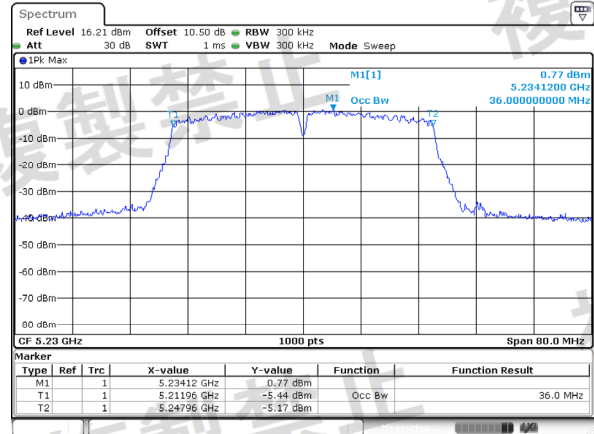
ProjectNo.: RKSA260304001 Tester: Neil Zhou
Date: 19 MAR 2026 14:24:24

802.11ac40, Low Channel



ProjectNo.: RKSA260304001 Tester: Neil Zhou
Date: 19 MAR 2026 14:34:08

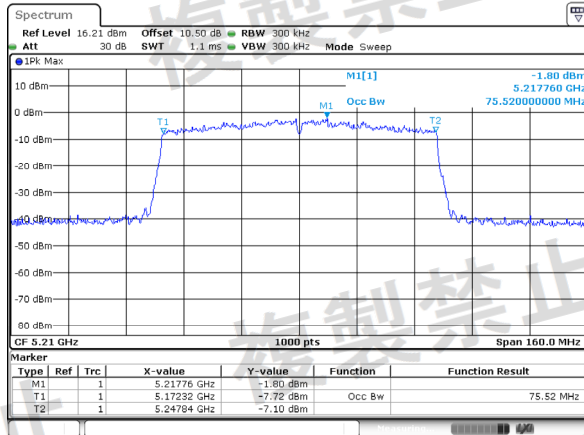
802.11ac40, High Channel



ProjectNo.: RKSA260304001 Tester: Neil Zhou
Date: 19 MAR 2026 14:35:27

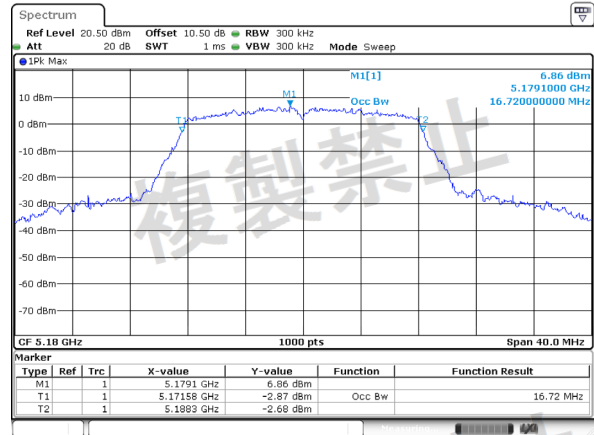
5150~5250MHz, Chain 1

802.11ac80, Middle Channel



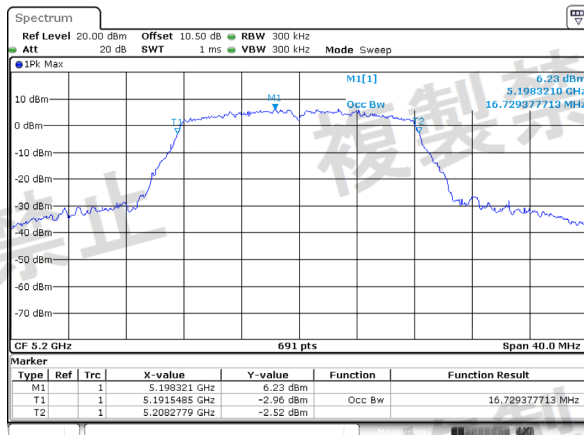
ProjectNo.: RKSA260304001 Tester: Neil Zhou
Date: 19 MAR 2026 14:37:45

802.11a, Low Channel



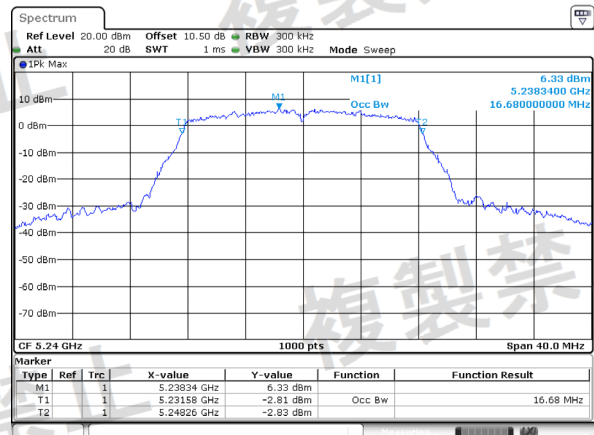
ProjectNo.: RKSA260304001 Tester: Neil Zhou
Date: 20 MAR 2026 13:30:08

802.11a, Middle Channel



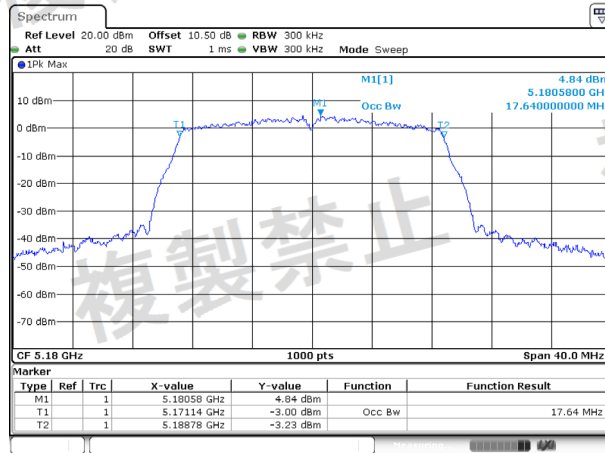
ProjectNo.: RKSA260304001 Tester: Neil Zhou
Date: 20 MAR 2026 13:34:11

802.11a, High Channel



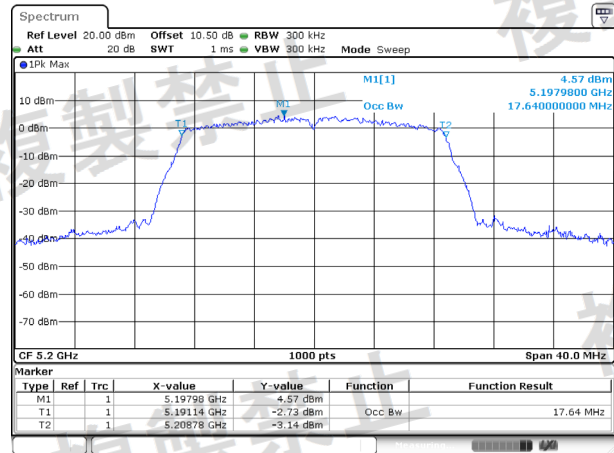
ProjectNo.: RKSA260304001 Tester: Neil Zhou
Date: 20 MAR 2026 13:38:12

802.11ac20, Low Channel



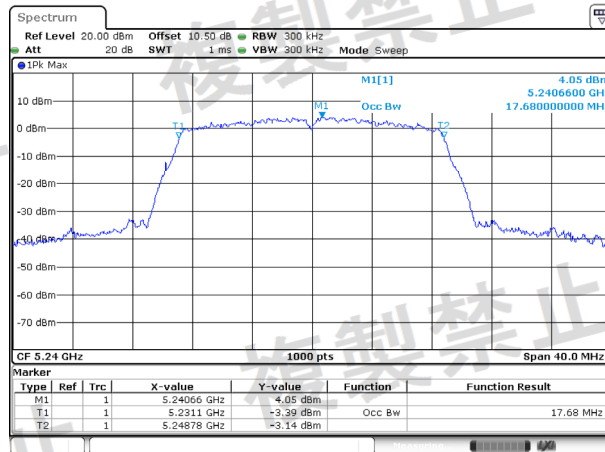
ProjectNo. RKSA260304001 Tester: Neil Zhou
Date: 20.MAR.2026 13:57:04

802.11ac20, Middle Channel



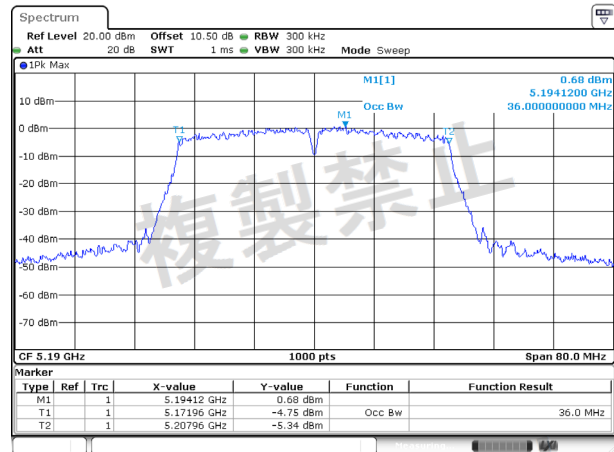
ProjectNo. RKSA260304001 Tester: Neil Zhou
Date: 20.MAR.2026 13:48:57

802.11ac20, High Channel



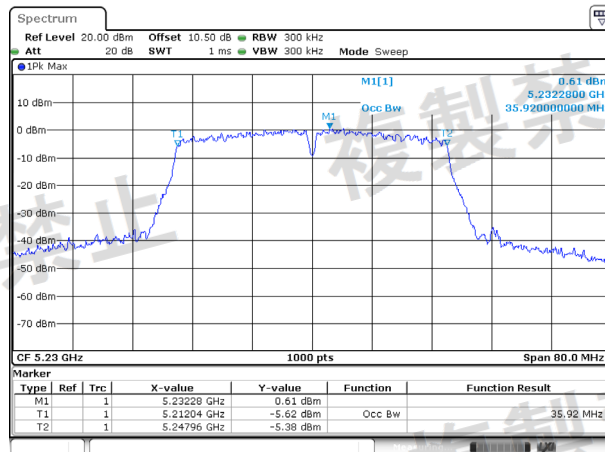
ProjectNo. RKSA260304001 Tester: Neil Zhou
Date: 20.MAR.2026 13:52:23

802.11ac40, Low Channel



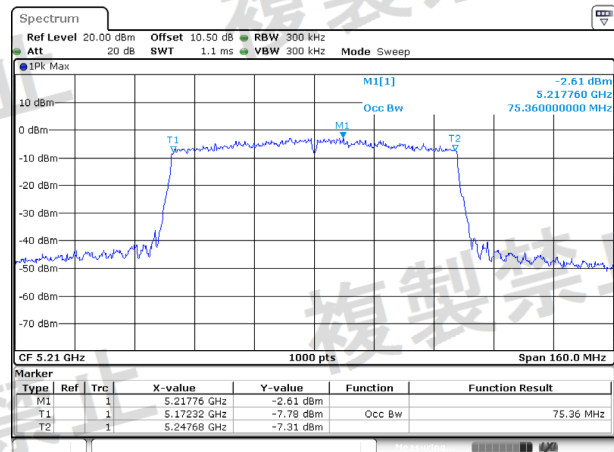
ProjectNo. RKSA260304001 Tester: Neil Zhou
Date: 20.MAR.2026 14:01:52

802.11ac40, High Channel



ProjectNo. RKSA260304001 Tester: Neil Zhou
Date: 20.MAR.2026 14:08:13

802.11ac80, Middle Channel



ProjectNo. RKSA260304001 Tester: Neil Zhou
Date: 20.MAR.2026 14:15:27

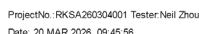
5250~5350MHz**Chain 0**

Mode	Result(MHz)			Limit(MHz)	Verdict
	Low Channel	Middle Channel	High Channel		
802.11a	16.73	16.67	16.68	≤ 20	Pass
802.11ac20	17.68	17.68	17.68	≤ 20	Pass
802.11ac40	35.92	/	36.00	≤ 40	Pass
802.11ac80	/	75.52	/	≤ 80	Pass

Chain 1

Mode	Result(MHz)			Limit(MHz)	Verdict
	Low Channel	Middle Channel	High Channel		
802.11a	16.68	16.68	16.68	≤ 20	Pass
802.11ac20	17.68	17.64	17.68	≤ 20	Pass
802.11ac40	35.92	/	35.92	≤ 40	Pass
802.11ac80	/	75.52	/	≤ 80	Pass

802.11a, Low Channel



ProjectNo.:RKSA260304001 Tester:Neil Zhou
Date: 20 MAR 2026 09:48:44

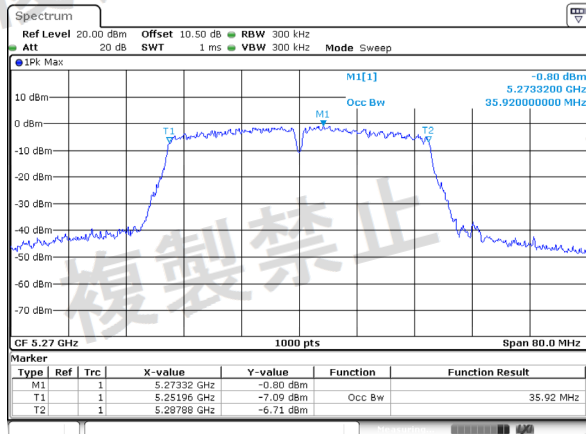
ProjectNo.:RKSA260304001 Tester:Neil Zhou
Date: 20.MAR.2026 09:52:30

ProjectNo.:RKSA260304001 Tester:Neil Zhou
Date: 19 MAR 2026 15:08:09

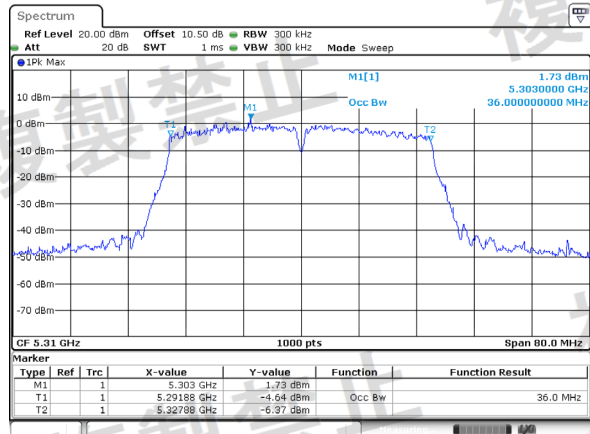
ProjectNo.:RKSA260304001 Tester:Neil Zhou
Date: 19 MAR 2026 15:10:09

ProjectNo.:RKSA260304001 Tester:Neil Zhou
Date: 19 MAR 2026 15:11:14

802.11ac40, Low Channel

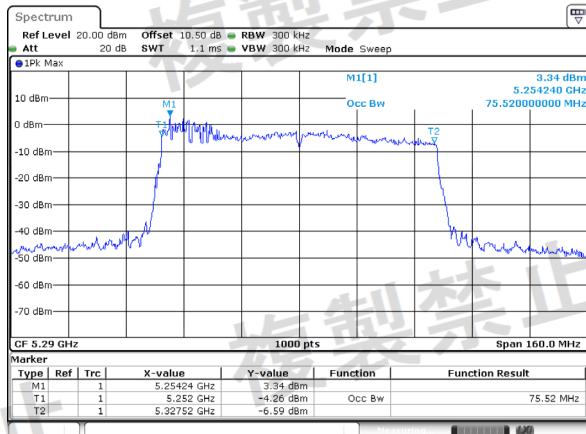


802.11ac40, High Channel

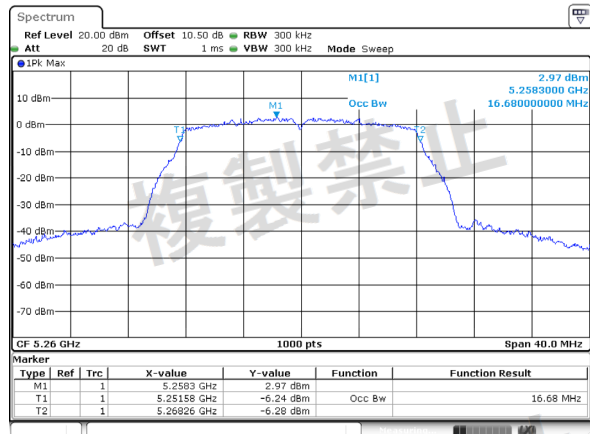


5250~5350MHz, Chain 1

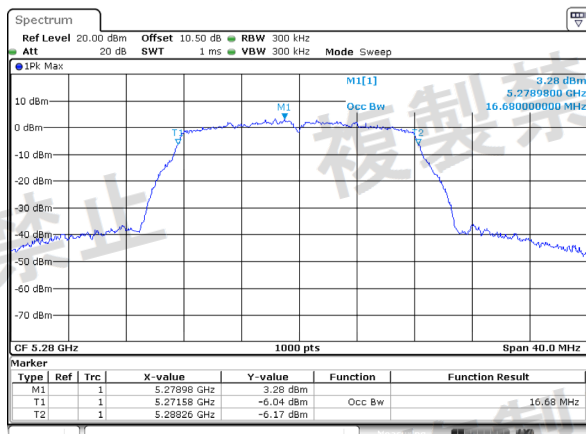
802.11ac80, Middle Channel



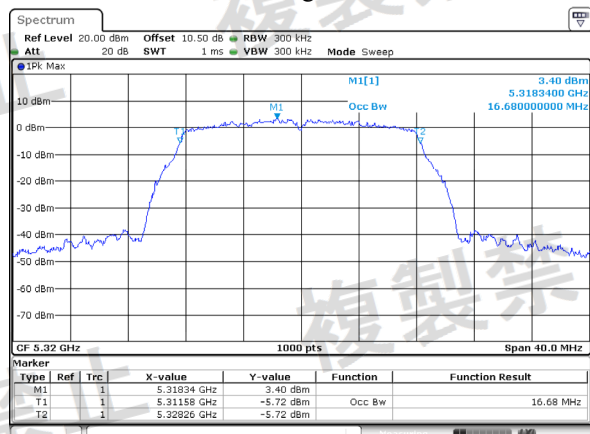
802.11a, Low Channel



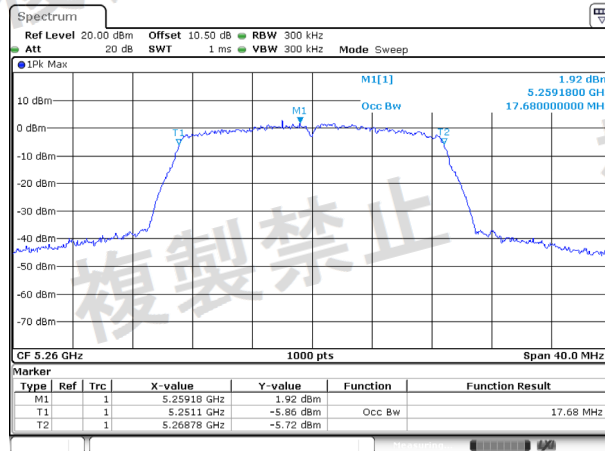
802.11a, Middle Channel



802.11a, High Channel

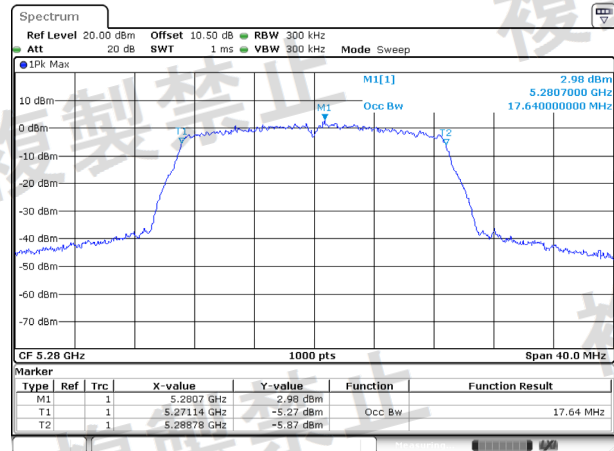


802.11ac20, Low Channel



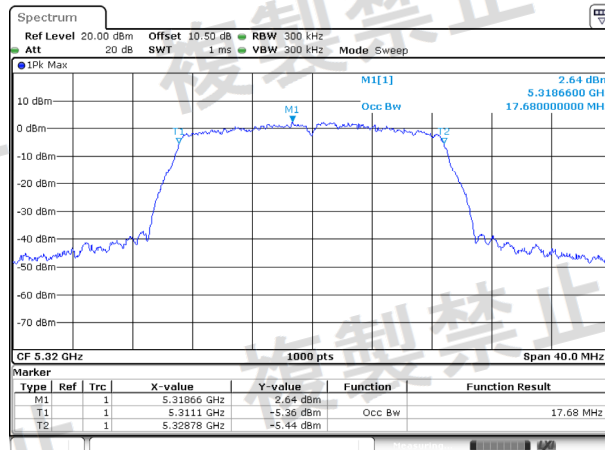
ProjectNo. RKSA260304001 Tester: Neil Zhou
Date: 20.MAR.2026 14:52:33

802.11ac20, Middle Channel



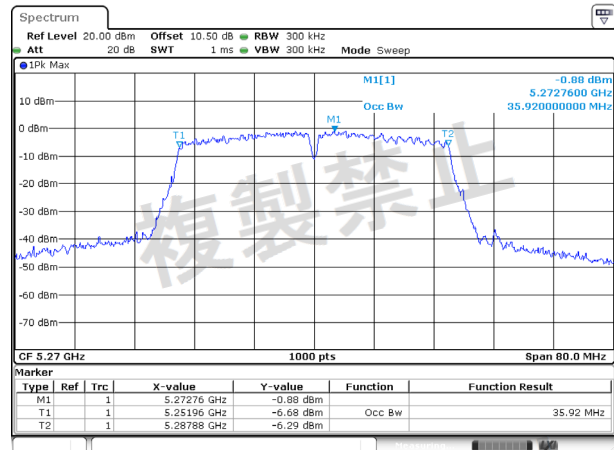
ProjectNo. RKSA260304001 Tester: Neil Zhou
Date: 20.MAR.2026 14:58:16

802.11ac20, High Channel



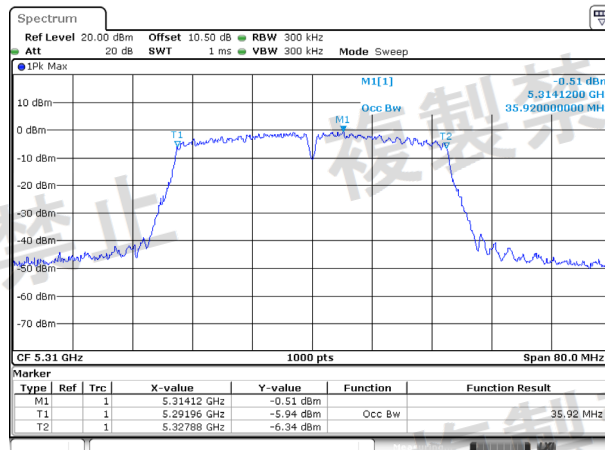
ProjectNo. RKSA260304001 Tester: Neil Zhou
Date: 20.MAR.2026 15:02:24

802.11ac40, Low Channel



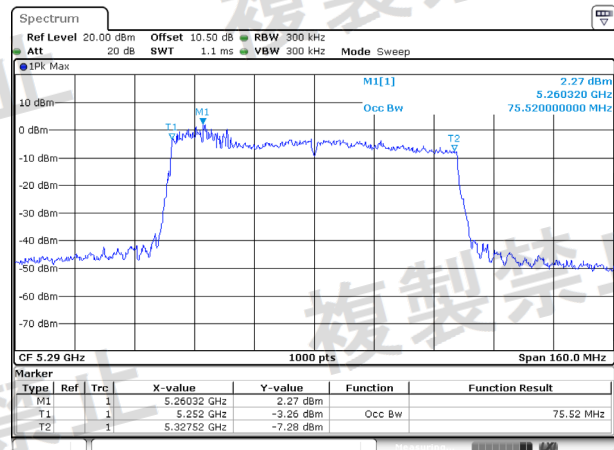
ProjectNo. RKSA260304001 Tester: Neil Zhou
Date: 20.MAR.2026 15:09:08

802.11ac40, High Channel



ProjectNo. RKSA260304001 Tester: Neil Zhou
Date: 20.MAR.2026 15:15:18

802.11ac80, Middle Channel



ProjectNo. RKSA260304001 Tester: Neil Zhou
Date: 20.MAR.2026 15:23:16

5470~5730MHz**Chain 0**

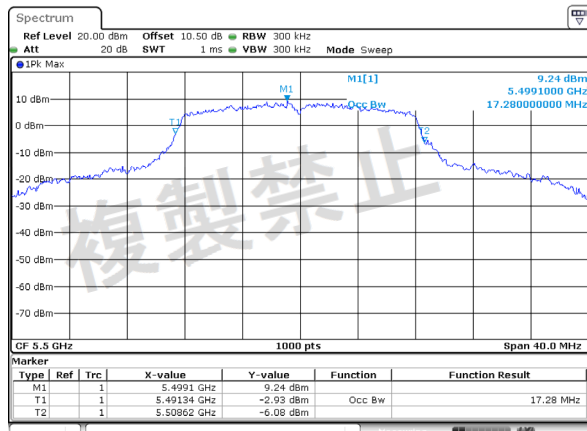
Mode	Result(MHz)			Limit(MHz)	Verdict
	Low Channel	Middle Channel	High Channel		
802.11a	17.28	17.16	17.36	≤ 20	Pass
802.11ac20	17.92	17.84	17.96	≤ 20	Pass
802.11ac40	36.08	36.16	36.24	≤ 40	Pass
802.11ac80	75.36	75.48	75.68	≤ 80	Pass

Chain 1

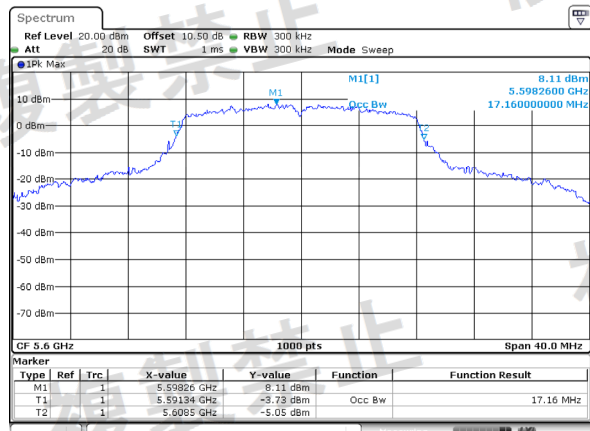
Mode	Result(MHz)			Limit(MHz)	Verdict
	Low Channel	Middle Channel	High Channel		
802.11a	16.68	16.88	17.00	≤ 20	Pass
802.11ac20	17.68	17.80	17.80	≤ 20	Pass
802.11ac40	35.92	36.00	36.16	≤ 40	Pass
802.11ac80	75.36	75.48	75.52	≤ 80	Pass

5470~5730MHz, Chain 0

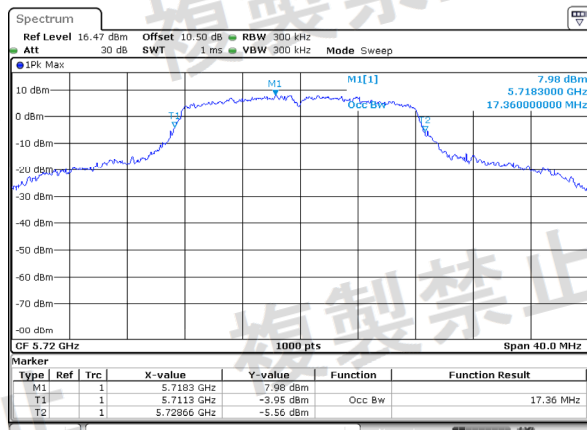
802.11a, Low Channel



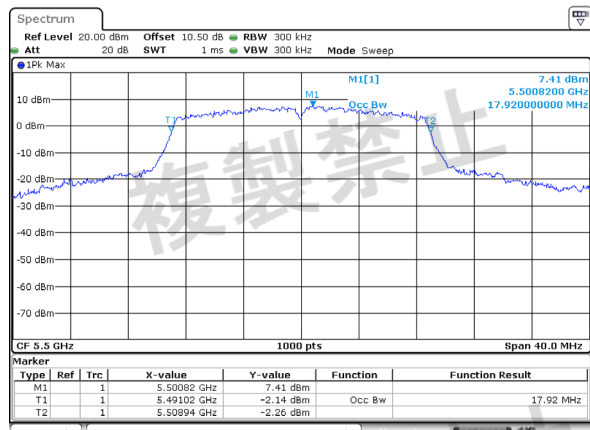
802.11a, Middle Channel



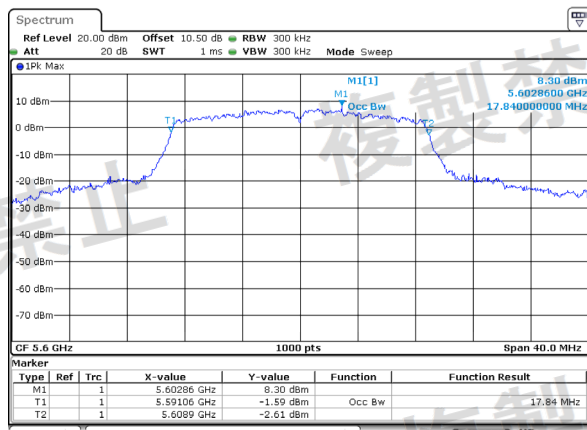
802.11a, High Channel



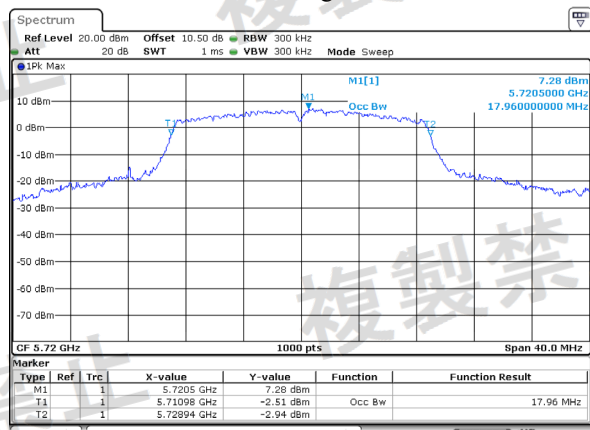
802.11ac20, Low Channel



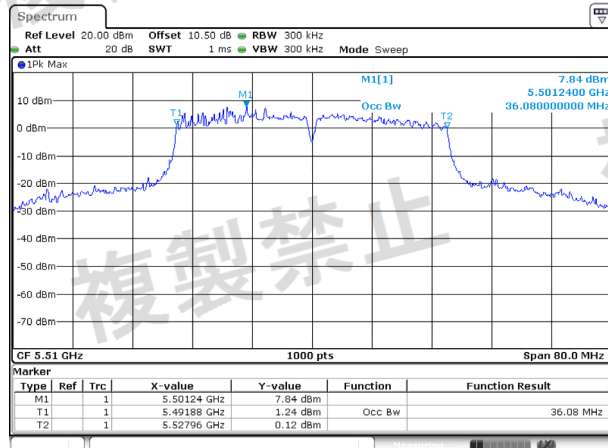
802.11ac20, Middle Channel



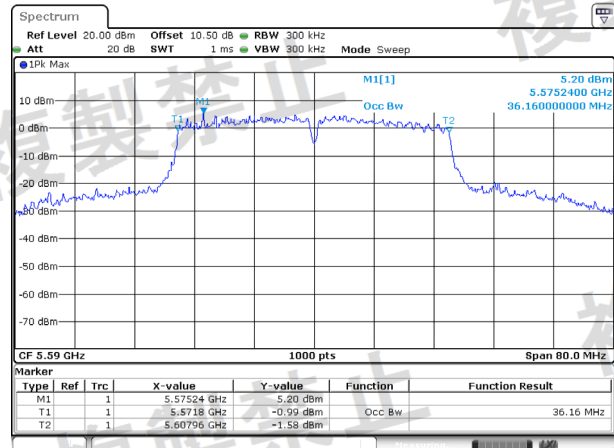
802.11ac20, High Channel



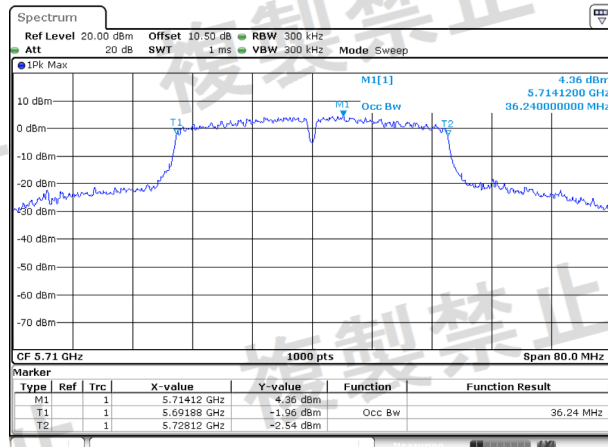
802.11ac40, Low Channel



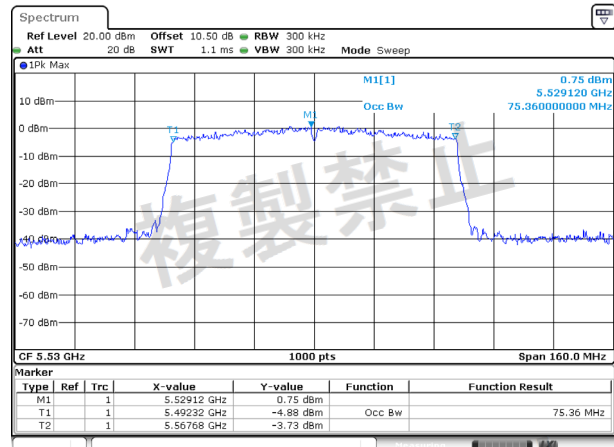
802.11ac40, Middle Channel



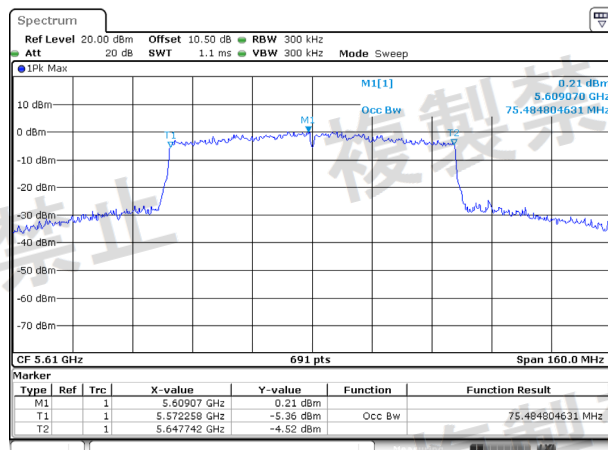
802.11ac40, High Channel



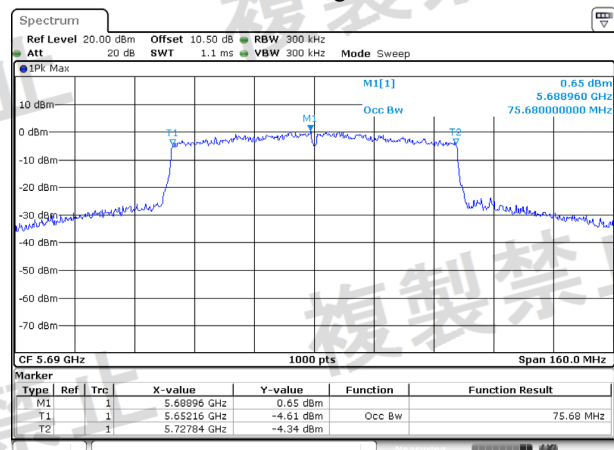
802.11ac80, Low Channel



802.11ac80, Middle Channel

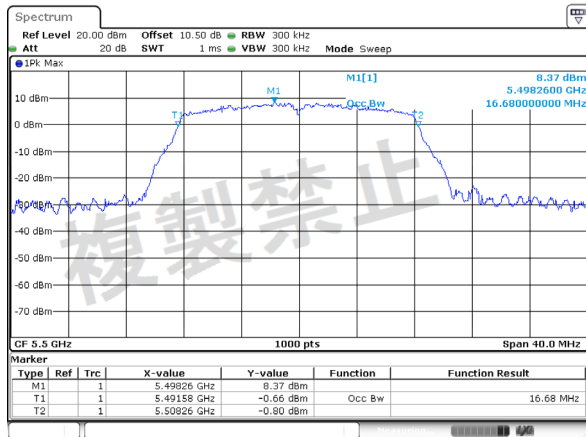


802.11ac80, High Channel



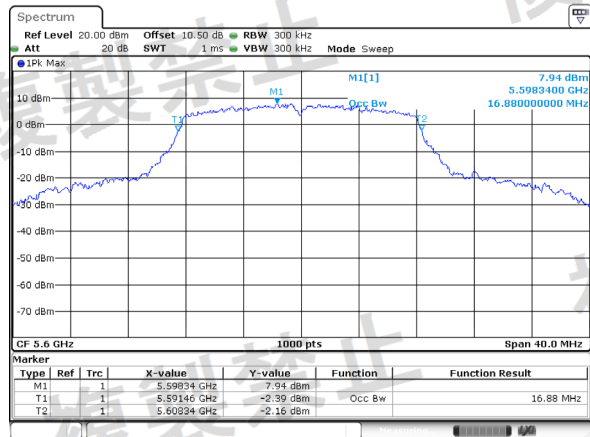
5470~5730MHz, Chain 1

802.11a, Low Channel



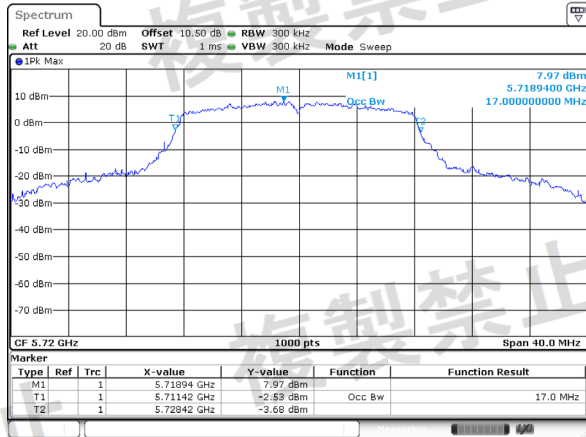
ProjectNo: RKSA260304001 Tester: Neil Zhou
Date: 20 MAR 2026 15:40:16

802.11a, Middle Channel



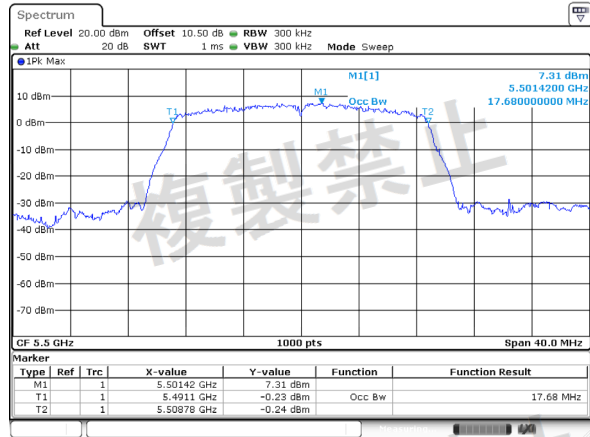
ProjectNo: RKSA260304001 Tester: Neil Zhou
Date: 20 MAR 2026 15:36:48

802.11a, High Channel



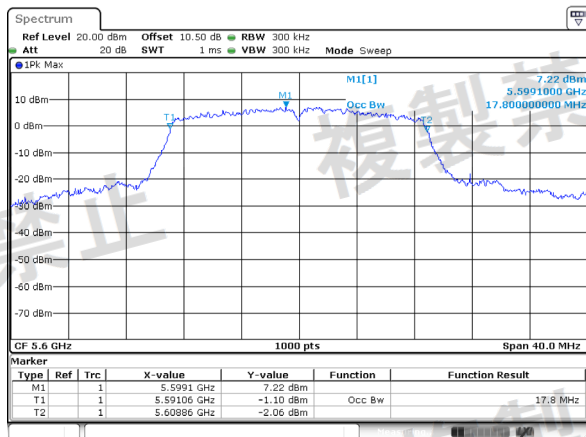
ProjectNo: RKSA260304001 Tester: Neil Zhou
Date: 20 MAR 2026 15:51:44

802.11ac20, Low Channel



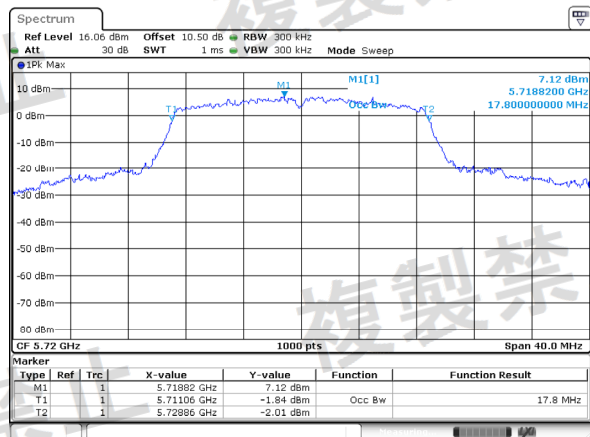
ProjectNo: RKSA260304001 Tester: Neil Zhou
Date: 20 MAR 2026 15:56:38

802.11ac20, Middle Channel



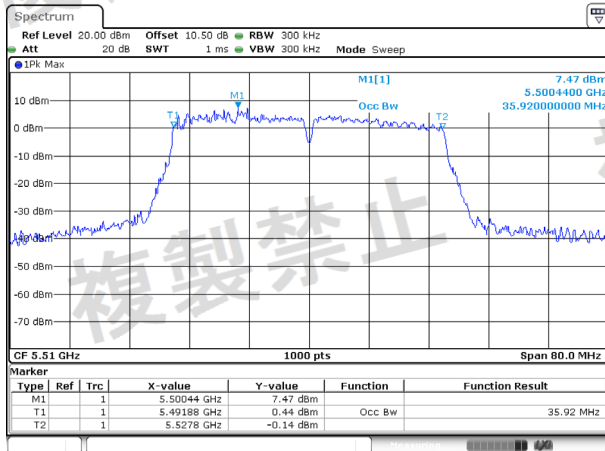
ProjectNo: RKSA260304001 Tester: Neil Zhou
Date: 20 MAR 2026 16:00:51

802.11ac20, High Channel

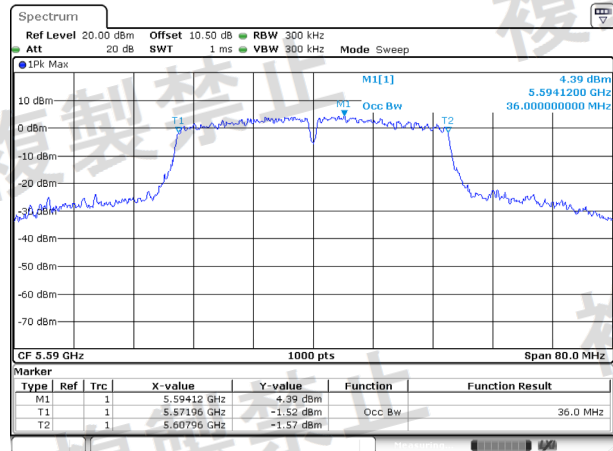


ProjectNo: RKSA260304001 Tester: Neil Zhou
Date: 20 MAR 2026 16:04:59

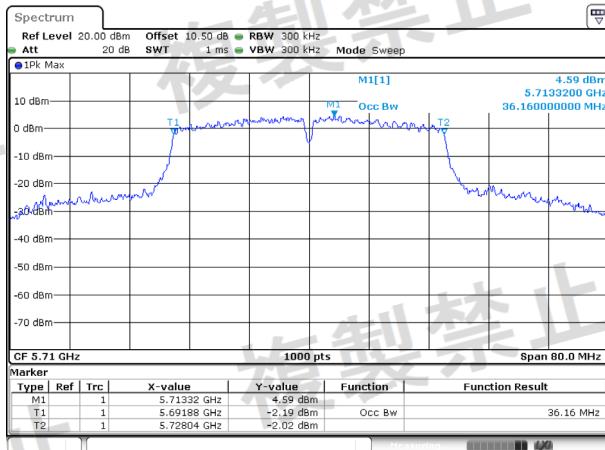
802.11ac40, Low Channel



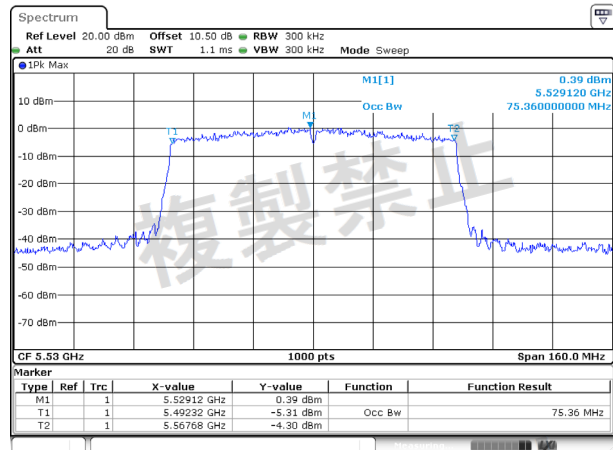
802.11ac40, Middle Channel



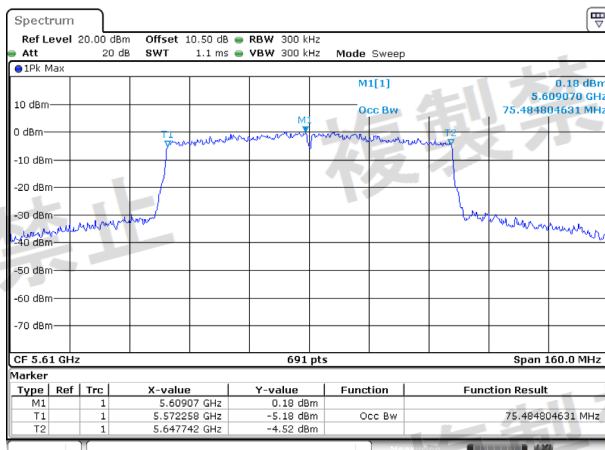
802.11ac40, High Channel



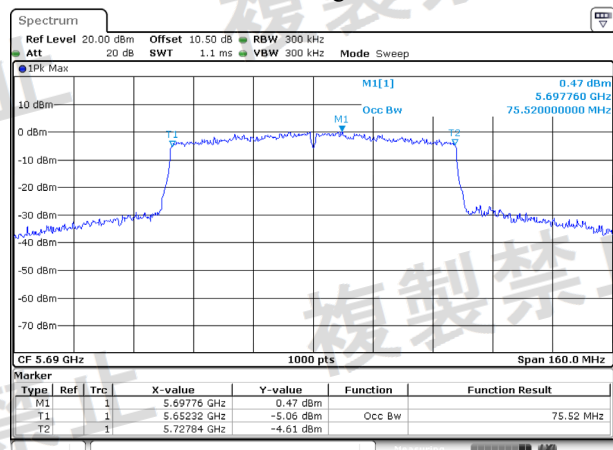
802.11ac80, Low Channel



802.11ac80, Middle Channel



802.11ac80, High Channel



TRANSMITTER SPURIOUS EMISSION STRENGTH**Environmental Conditions & Test Information**

Test Date:	2026-03-19	2026-03-20	2026-05-11
Temperature:	21℃	23.4℃	23.7℃
Relative Humidity:	50 %	52 %	51 %
ATM Pressure:	102.5 kPa	103.1 kPa	101.2 kPa
Test Result:	Pass	Pass	Pass
Test Engineer:	Neil Zhou	Neil Zhou	Neil Zhou

Test Mode: Transmitting

5150~5250MHz

Chain 0

Mode	Channel	Test Band (RBW)	Measurement		Limit
			Frequency	Reading	
			(MHz)	(dBm/MHz)	
802.11a	Low Channel	30MHz~5100MHz	3219.92	-31.56	-26dBm/MHz (2.5μW/MHz)
		5100MHz~5142MHz	5102.66	-31.42	-26dBm/MHz (2.5 μW/MHz)
		5142MHz~5150MHz	5147.71	-31.22	-18.24dBm/MHz (15μW/MHz)
		5250MHz~5251MHz	5250.99	-32.22	-1.94 dBm/MHz (0.64 mW/MHz)
		5251MHz~5260MHz	5259.5	-31.51	0.03 dBm/MHz (-15.93 mW/MHz)
		5260MHz~5266.7MHz	5265.7	-30.46	-19.2 dBm/MHz (0.01 mW/MHz)
		5266.7MHz~5300MHz	5275.63	-31.47	-26dBm/MHz (2.5 μW/MHz)
		5300MHz~26000MHz	15969.3	-33.21	-26dBm/MHz (2.5 μW/MHz)
	Middle Channel	30MHz~5100MHz	5064.89	-31.29	-26dBm/MHz (2.5μW/MHz)
		5100MHz~5142MHz	5133.93	-29.78	-26dBm/MHz (2.5 μW/MHz)
		5142MHz~5150MHz	5143.6	-31.13	-18.24dBm/MHz (15μW/MHz)
		5250MHz~5251MHz	5250.82	-29.71	-1.94 dBm/MHz (0.64 mW/MHz)
		5251MHz~5260MHz	5259.89	-32.73	0.03 dBm/MHz (-15.93mW/MHz)
		5260MHz~5266.7MHz	5266.58	-31.96	-19.2 dBm/MHz (0.01 mW/MHz)
		5266.7MHz~5300MHz	5271.77	-31.17	-26dBm/MHz (2.5 μW/MHz)
		5300MHz~26000MHz	15642.2	-32.87	-26dBm/MHz (2.5 μW/MHz)

802.11a	High Channel	30MHz~5100MHz	907.74	-28.62	-26dBm/MHz (2.5μW/MHz)
		5100MHz~5142MHz	5132.5	-31.01	-26dBm/MHz (2.5 μW/MHz)
		5142MHz~5150MHz	5147.65	-31.6	-18.24dBm/MHz (15μW/MHz)
		5250MHz~5251MHz	5250	-4.27	0 dBm/MHz (1000μW/MHz)
		5251MHz~5260MHz	5254.3	-17.79	-12.93 dBm/MHz (50.89 mW/MHz)
		5260MHz~5266.7MHz	5266.44	-29.62	-19.2 dBm/MHz (0.01 mW/MHz)
		5266.7MHz~5300MHz	5266.76	-29.59	-26dBm/MHz (2.5 μW/MHz)
		5300MHz~26000MHz	15797.5	-32.73	-26dBm/MHz (2.5 μW/MHz)

Chain 1

Mode	Channel	Test Band (RBW)	Measurement		Limit
			Frequency	Reading	
			(MHz)	(dBm/MHz)	
802.11a	Low Channel	30MHz~5100MHz	5078.58	-32.08	-26dBm/MHz (2.5μW/MHz)
		5100MHz~5142MHz	5140.27	-31.57	-26dBm/MHz (2.5 μW/MHz)
		5142MHz~5150MHz	5146.95	-31.09	-18.24dBm/MHz (15μW/MHz)
		5250MHz~5251MHz	5250.97	-33.41	-1.94 dBm/MHz (0.64 mW/MHz)
		5251MHz~5260MHz	5259.4	-32.68	0.03 dBm/MHz (-15.93 mW/MHz)
		5260MHz~5266.7MHz	5266.49	-33.16	-19.2 dBm/MHz (0.01 mW/MHz)
		5266.7MHz~5300MHz	5297.28	-32.4	-26dBm/MHz (2.5 μW/MHz)
		5300MHz~26000MHz	15776.8	-33.34	-26dBm/MHz (2.5 μW/MHz)
	Middle Channel	30MHz~5100MHz	3533.75	-32.63	-26dBm/MHz (2.5μW/MHz)
		5100MHz~5142MHz	5117.97	-31.97	-26dBm/MHz (2.5 μW/MHz)
		5142MHz~5150MHz	5144.68	-31.76	-18.24dBm/MHz (15μW/MHz)
		5250MHz~5251MHz	5250.94	-32.18	-1.94 dBm/MHz (0.64 mW/MHz)
		5251MHz~5260MHz	5259.97	-32.53	-17.97 dBm/MHz (15.95mW/MHz)
		5260MHz~5266.7MHz	5266.68	-32.76	-19.2 dBm/MHz (0.01 mW/MHz)
		5266.7MHz~5300MHz	5269.57	-31.73	-26dBm/MHz (2.5 μW/MHz)
		5300MHz~26000MHz	15779.9	-33.07	-26dBm/MHz (2.5 μW/MHz)

802.11a	High Channel	30MHz~5100MHz	4964.25	-32.52	-26dBm/MHz (2.5 μ W/MHz)
		5100MHz~5142MHz	5131.72	-32.27	-26dBm/MHz (2.5 μ W/MHz)
		5142MHz~5150MHz	5145.83	-31.4	-18.24dBm/MHz (15 μ W/MHz)
		5250MHz~5251MHz	5250.15	-5.83	-1.5 dBm/MHz (707.95 μ W/MHz)
		5251MHz~5260MHz	5252.09	-16.61	-10.97 dBm/MHz (80 mW/MHz)
		5260MHz~5266.7MHz	5266.54	-29.66	-19.2 dBm/MHz (0.01 mW/MHz)
		5266.7MHz~5300MHz	5267.36	-30.48	-26dBm/MHz (2.5 μ W/MHz)
		5300MHz~26000MHz	15778.9	-33.27	-26dBm/MHz (2.5 μ W/MHz)

mode	Channel	Antenna	Test Band (RBW)	Measurements		Limit	
				Frequency	EIRP		
				(MHz)	(dBm/MHz)	(dBm/MHz)	(μW/MHz)
802.11ac-VHT20	Lowest Channel	Chain0	30MHz~5100MHz	5070.47	-31.44	-26	2.5
		Chain1	30MHz~5100MHz	4353.06	-31.94	-26	2.5
		Chain0+1	30MHz~5100MHz	/	-28.67	-26	2.5
		Chain0	5100MHz~5142MHz	5115.8	-31.12	-26	2.5
		Chain1	5100MHz~5142MHz	5107.76	-31.95	-26	2.5
		Chain0+1	5100MHz~5142MHz	/	-28.50	-26	2.5
		Chain0	5142MHz~5150MHz	5144.5	-31.27	-18.24	15
		Chain1	5142MHz~5150MHz	5147.19	-32.09	-18.24	15
		Chain0+1	5142MHz~5150MHz	/	-28.65	-18.24	15
		Chain0	5250MHz~5251MHz	5250.99	-32.98	-9.9	102.33
		Chain1	5250MHz~5251MHz	5250.93	-32.57	-9.3	117.49
		Chain0+1	5250MHz~5251MHz	/	-29.76	-9.9	102.33
		Chain0	5251MHz~5260MHz	5260	-30.8	-18	15.85
		Chain1	5251MHz~5260MHz	5259.12	-32.62	-17.22	18.98
		Chain0+1	5251MHz~5260MHz	/	-28.61	-18	15.85
		Chain0	5260MHz~5266.7MHz	5266.21	-31.42	-25.45	2.85
		Chain1	5260MHz~5266.7MHz	5266.31	-33.07	-25.57	2.77
		Chain0+1	5260MHz~5266.7MHz	/	-29.16	-25.57	2.77
		Chain0	5266.7MHz~5300MHz	5275.82	-31.26	-26	2.5
		Chain1	5266.7MHz~5300MHz	5291.38	-32.22	-26	2.5
		Chain0+1	5266.7MHz~5300MHz	/	-28.70	-26	2.5
		Chain0	5300MHz~26000MHz	15791.3	-33.13	-26	2.5

802.11ac-VHT20	Lowest Channel	Chain1	5300MHz~26000MHz	15789.2	-33.83	-26	2.5
		Chain0+1	5300MHz~26000MHz	/	-30.46	-26	2.5
	Middle Channel	Chain0	30MHz~5100MHz	4184.23	-32	-26	2.5
		Chain1	30MHz~5100MHz	4234.68	-31.71	-26	2.5
		Chain0+1	30MHz~5100MHz	/	-28.84	-26	2.5
		Chain0	5100MHz~5142MHz	5108.94	-31.37	-26	2.5
		Chain1	5100MHz~5142MHz	5114.52	-32.15	-26	2.5
		Chain0+1	5100MHz~5142MHz	/	-28.73	-26	2.5
		Chain0	5142MHz~5150MHz	5146.83	-30.87	-18.24	15
		Chain1	5142MHz~5150MHz	5147.78	-31.31	-18.24	15
		Chain0+1	5142MHz~5150MHz	/	-28.07	-18.24	15
		Chain0	5250MHz~5251MHz	5250.98	-32.33	-9.8	104.71
		Chain1	5250MHz~5251MHz	5250.91	-32.84	-9.1	123.03
		Chain0+1	5250MHz~5251MHz	/	-29.57	-9.8	104.71
		Chain0	5251MHz~5260MHz	5259.9	-32.94	-17.91	16.18
		Chain1	5251MHz~5260MHz	5259.69	-32.88	-17.72	16.89
		Chain0+1	5251MHz~5260MHz	/	-29.90	-17.91	16.18
		Chain0	5260MHz~5266.7MHz	5266.46	-32	-25.75	2.66
		Chain1	5260MHz~5266.7MHz	5266.38	-32.65	-25.66	2.72
		Chain0+1	5260MHz~5266.7MHz	/	-29.30	-25.75	2.66
		Chain0	5266.7MHz~5300MHz	5287.69	-31.76	-26	2.5
		Chain1	5266.7MHz~5300MHz	5285.31	-32.07	-26	2.5
		Chain0+1	5266.7MHz~5300MHz	/	-28.90	-26	2.5

802.11ac-VHT20	Middle Channel	Chain0	5300MHz~26000MHz	15645.3	-32.95	-26	2.5
		Chain1	5300MHz~26000MHz	15972.4	-33.29	-26	2.5
		Chain0+1	5300MHz~26000MHz	/	-30.11	-26	2.5
	Highest Channel	Chain0	30MHz~5100MHz	4445.34	-32.01	-26	2.5
		Chain1	30MHz~5100MHz	4125.42	-30.93	-26	2.5
		Chain0+1	30MHz~5100MHz	/	-28.43	-26	2.5
		Chain0	5100MHz~5142MHz	5135.4	-31.54	-26	2.5
		Chain1	5100MHz~5142MHz	5118.39	-31.59	-26	2.5
		Chain0+1	5100MHz~5142MHz	/	-28.55	-26	2.5
		Chain0	5142MHz~5150MHz	5147.11	-31.59	-18.24	15
		Chain1	5142MHz~5150MHz	5147.99	-32.35	-18.24	15
		Chain0+1	5142MHz~5150MHz	/	-28.94	-18.24	15
		Chain0	5250MHz~5251MHz	5250.06	-4.07	-0.6	870.96
		Chain1	5250MHz~5251MHz	5250.02	-3.63	-0.2	954.99
		Chain0+1	5250MHz~5251MHz	/	-0.83	-0.6	870.96
		Chain0	5251MHz~5260MHz	5256.77	-21.84	-15.13	30.7
		Chain1	5251MHz~5260MHz	5251	-18.61	-10	100
		Chain0+1	5251MHz~5260MHz	/	-16.92	-15.13	30.7
		Chain0	5260MHz~5266.7MHz	5264.21	-28.27	-23.05	4.95
		Chain1	5260MHz~5266.7MHz	5263.84	-28.5	-22.61	5.49
		Chain0+1	5260MHz~5266.7MHz	/	-25.37	-23.05	4.95
		Chain0	5266.7MHz~5300MHz	5287.49	-31.34	-26	2.5
		Chain1	5266.7MHz~5300MHz	5267.04	-31.32	-26	2.5

802.11ac-VHT20	Highest Channel	Chain0+1	5266.7MHz~5300MHz	/	-28.32	-26	2.5
		Chain0	5300MHz~26000MHz	15804.7	-33.32	-26	2.5
		Chain1	5300MHz~26000MHz	15786.1	-32.8	-26	2.5
		Chain0+1	5300MHz~26000MHz	/	-30.04	-26	2.5

mode	Channel	Antenna	Test Band (RBW)	Measurements		Limit	
				Frequency	EIRP		
				(MHz)	(dBm/MHz)	(dBm/MHz)	(μW/MHz)
802.11ac-VHT40	Lowest Channel	Chain0	30MHz~5100MHz	4386.78	-31.6	-26	2.5
		Chain1	30MHz~5100MHz	5004.56	-32.29	-26	2.5
		Chain0+1	30MHz~5100MHz	/	-28.92	-26	2.5
		Chain0	5100MHz~5146.6MHz	5134.55	-30.59	-26	2.5
		Chain1	5100MHz~5146.6MHz	5105.3	-31.84	-26	2.5
		Chain0+1	5100MHz~5146.6MHz	/	-28.16	-26	2.5
		Chain0	5146.6MHz~5150MHz	5149.72	-30.73	-18.24	15
		Chain1	5146.6MHz~5150MHz	5142.99	-31.65	-18.24	15
		Chain0+1	5146.6MHz~5150MHz	/	-28.16	-18.24	15
		Chain0	5250MHz~5251MHz	5250.9	-30.91	-12.01	62.95
		Chain1	5250MHz~5251MHz	5251	-33.04	-13.01	50
		Chain0+1	5250MHz~5251MHz	/	-28.84	-13.01	50
		Chain0	5251MHz~5270MHz	5267.47	-30.46	0.01	10.13
		Chain1	5251MHz~5270MHz	5269.77	-32.64	0.01	8.1
		Chain0+1	5251MHz~5270MHz	/	-28.4	0.01	8.1
		Chain0	5270MHz~5278.4MHz	5277.49	-30.99	0	2.82
		Chain1	5270MHz~5278.4MHz	5276.77	-31.69	0	3.11
		Chain0+1	5270MHz~5278.4MHz	/	-28.32	0	2.82
		Chain0	5278.4MHz~5300MHz	5293.62	-31.1	-26	2.5
		Chain1	5278.4MHz~5300MHz	5292.95	-31.39	-26	2.5
		Chain0+1	5278.4MHz~5300MHz	/	-28.23	-26	2.5

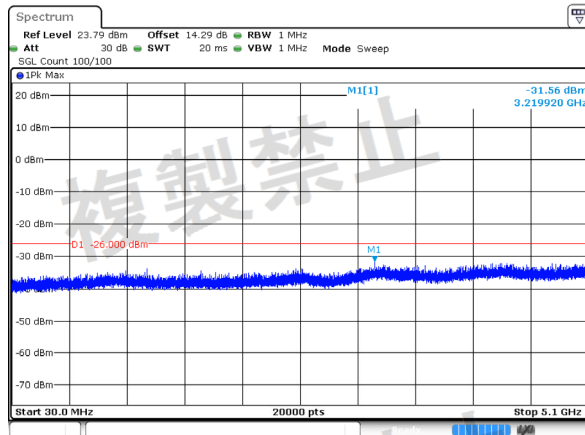
802.11ac-VHT40	Lowest Channel	Chain0	5300MHz~26000MHz	15798.5	-33.14	-26	2.5
		Chain1	5300MHz~26000MHz	15773.7	-33.89	-26	2.5
		Chain0+1	5300MHz~26000MHz	/	-30.49	-26	2.5
	Highest Channel	Chain0	30MHz~5100MHz	5051.45	-30.27	-26	2.5
		Chain1	30MHz~5100MHz	4294.25	-32	-26	2.5
		Chain0+1	30MHz~5100MHz	/	-28.04	-26	2.5
		Chain0	5100MHz~5146.6MHz	5128.81	-30.99	-26	2.5
		Chain1	5100MHz~5146.6MHz	5112.17	-31.88	-26	2.5
		Chain0+1	5100MHz~5146.6MHz	/	-28.4	-26	2.5
		Chain0	5146.6MHz~5150MHz	5148.72	-31.54	-18.24	15
		Chain1	5146.6MHz~5150MHz	5142.48	-32.09	-18.24	15
		Chain0+1	5146.6MHz~5150MHz	/	-28.8	-18.24	15
		Chain0	5250MHz~5251MHz	5250.84	-15.02	-11.41	72.27
		Chain1	5250MHz~5251MHz	5250.96	-16.54	-12.61	54.82
		Chain0+1	5250MHz~5251MHz	/	-12.7	-12.61	54.82
		Chain0	5251MHz~5270MHz	5251	-18.38	0.05	50
		Chain1	5251MHz~5270MHz	5251.06	-18.89	0.05	49.71
		Chain0+1	5251MHz~5270MHz	/	-15.62	0.05	49.71
		Chain0	5270MHz~5278.4MHz	5278.19	-31.3	0	2.56
		Chain1	5270MHz~5278.4MHz	5275.93	-30.98	0	3.49
		Chain0+1	5270MHz~5278.4MHz	/	-28.13	0	2.56
		Chain0	5278.4MHz~5300MHz	5280.7	-31.03	-26	2.5

802.11ac-VHT40	Highest Channel	Chain1	5278.4MHz~5300MHz	5283.18	-32.04	-26	2.5
		Chain0+1	5278.4MHz~5300MHz	/	-28.5	-26	2.5
		Chain0	5300MHz~26000MHz	15650.5	-32.86	-26	2.5
		Chain1	5300MHz~26000MHz	15780.9	-32.88	-26	2.5
		Chain0+1	5300MHz~26000MHz	/	-29.86	-26	2.5

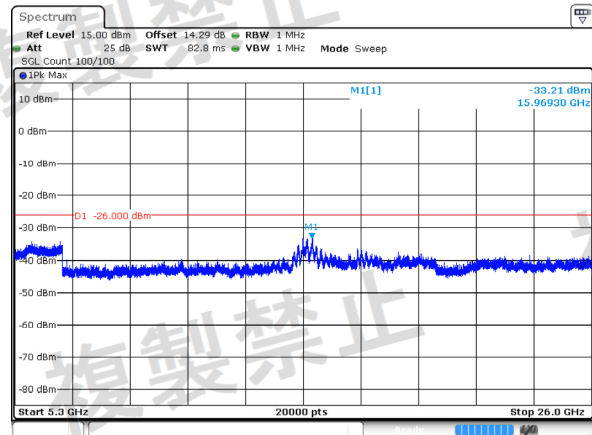
mode	Antenna	Test Band (RBW)	Measurements		Limit	
			Frequency	EIRP	(dBm/MHz)	(μW/MHz)
			(MHz)	(dBm/MHz)		
802.11ac-VHT80	Chain0	30MHz~5100MHz	4406.04	-31.42	-26	2.5
	Chain1	30MHz~5100MHz	3228.03	-32.63	-26	2.5
	Chain0+1	30MHz~5100MHz	/	-28.97	-26	2.5
	Chain0	5100MHz~5123.2MHz	5114.3	-30.63	-26	2.5
	Chain1	5100MHz~5123.2MHz	5101.13	-31.79	-26	2.5
	Chain0+1	5100MHz~5123.2MHz	/	-28.16	-26	2.5
	Chain0	5132.5MHz~5150MHz	5142.97	-29.77	-18.24	15
	Chain1	5132.5MHz~5150MHz	5146.18	-31.6	-18.24	15
	Chain0+1	5132.5MHz~5150MHz	/	-27.58	-18.24	15
	Chain0	5250MHz~5251MHz	5250.97	-19.4	-15.72	26.79
	Chain1	5250MHz~5251MHz	5250.98	-19.63	-15.82	26.18
	Chain0+1	5250MHz~5251MHz	/	-16.5	-15.82	26.18
	Chain0	5251MHz~5290MHz	5251.06	-22.39	0.02	24.93
	Chain1	5251MHz~5290MHz	5251.1	-20.96	0.02	24.88
	Chain0+1	5251MHz~5290MHz	/	-18.61	0.02	24.88
	Chain0	5290MHz~5296.7MHz	5296.22	-32.35	0	2.58
	Chain1	5290MHz~5296.7MHz	5295.48	-31.2	0	2.71
	Chain0+1	5290MHz~5296.7MHz	/	-28.73	0	2.58
	Chain0	5296.7MHz~5350MHz	5299.39	-31.59	-26	2.5
	Chain1	5296.7MHz~5350MHz	5325.3	-32.42	-26	2.5

802.11ac-VHT80	Chain0+1	5296.7MHz~5350MHz	/	-28.97	-26	2.5
	Chain0	5296.7MHz~26000MHz	15794.3	-33.24	-26	2.5
	Chain1	5296.7MHz~26000MHz	15782.9	-33.66	-26	2.5
	Chain0+1	5296.7MHz~26000MHz	/	-30.43	-26	2.5

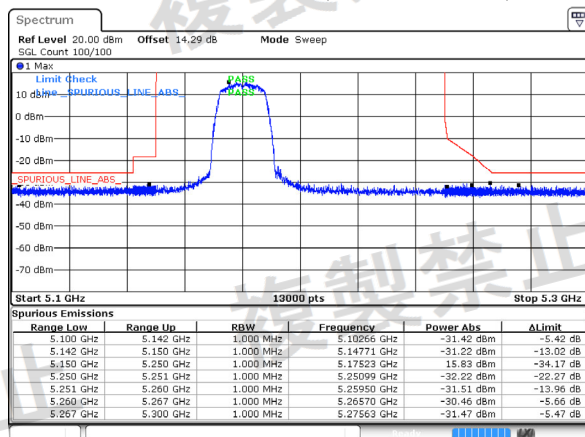
Please refer to the following plots for normal voltage test:

5150~5250MHz, Chain 0**802.11a, Low Channel(30MHz~5.1GHz)**

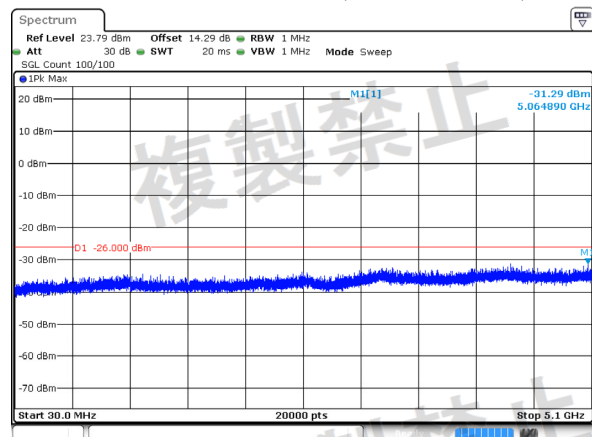
ProjectNo: RKSA260304001 Tester:Neil Zhou
Date: 19 MAR 2026 16:21:51

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

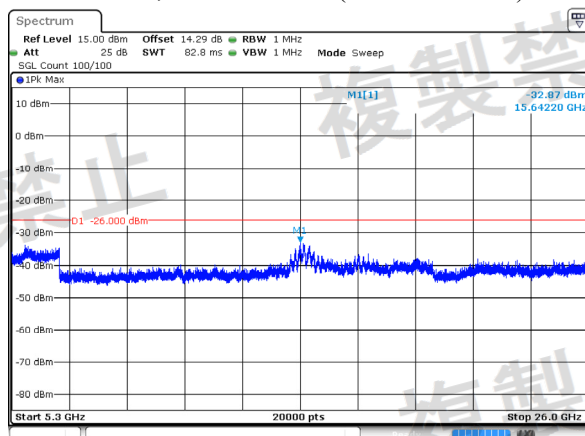
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Date: 19 MAR 2026 16:22:30

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

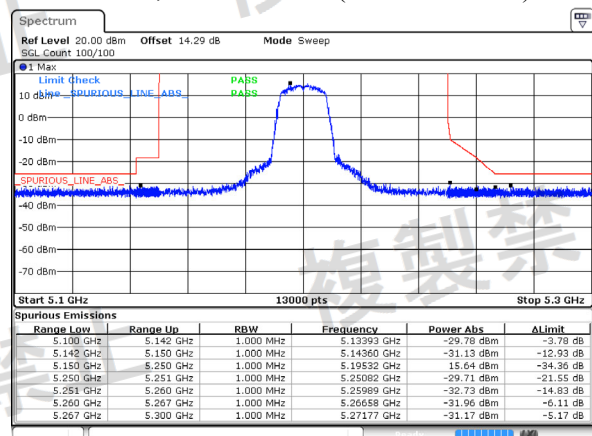
ProjectNo: RKSA260304001 Tester:Neil Zhou
Date: 19 MAR 2026 14:17:20

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

ProjectNo: RKSA260304001 Tester:Neil Zhou
Date: 19 MAR 2026 16:28:31

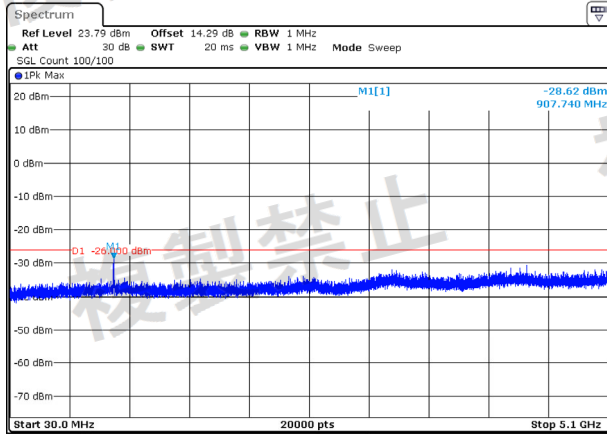
802.11a, Middle Channel(5.3GHz~26GHz)

ProjectNo: RKSA260304001 Tester:Neil Zhou
Date: 19 MAR 2026 16:27:11

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

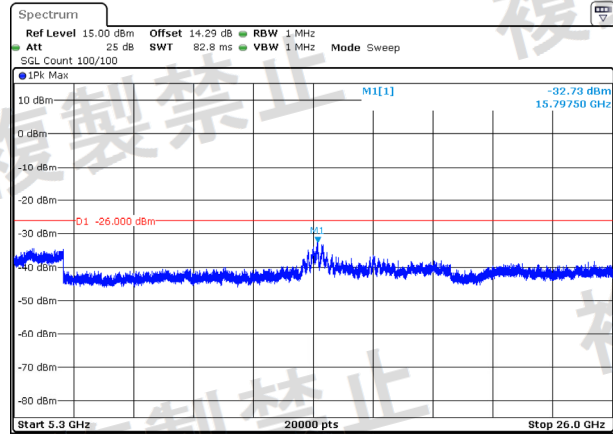
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Date: 19 MAR 2026 14:18:07

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



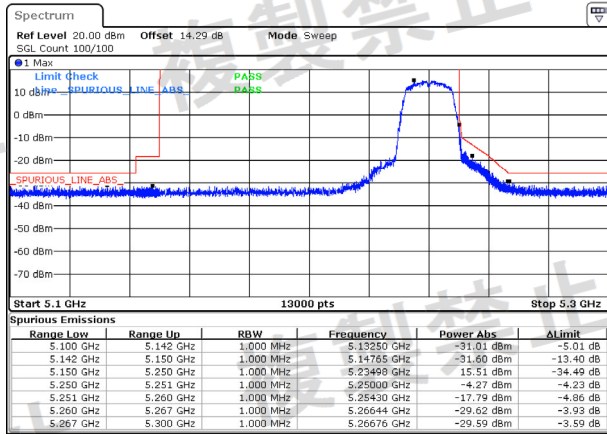
ProjectNo. RKSA260304001 Tester: Neil Zhou
Date: 19.MAR.2026 16:29:46

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



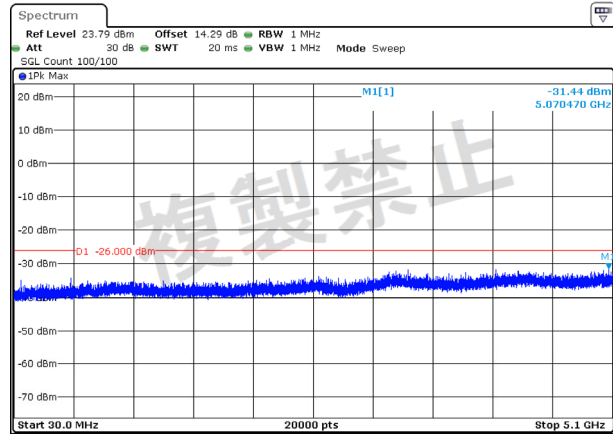
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Date: 19.MAR.2026 16:30:25

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



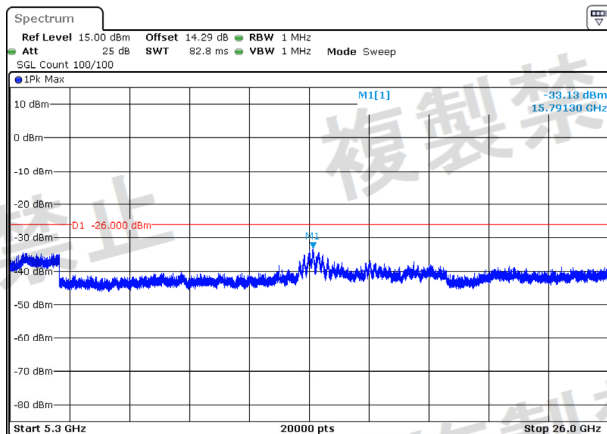
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Date: 19.MAR.2026 14:18:58

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



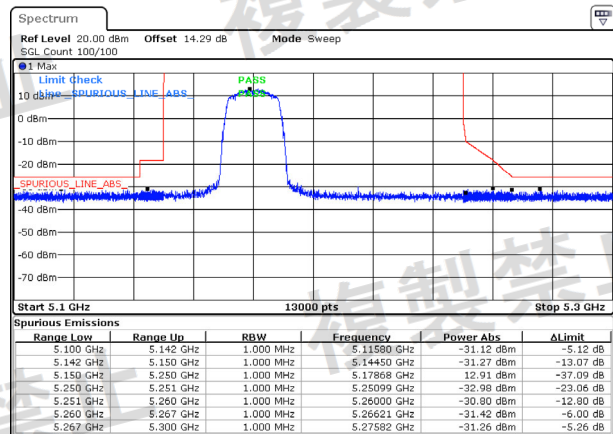
ProjectNo. RKSA260304001 Tester: Neil Zhou
Date: 19.MAR.2026 16:34:37

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



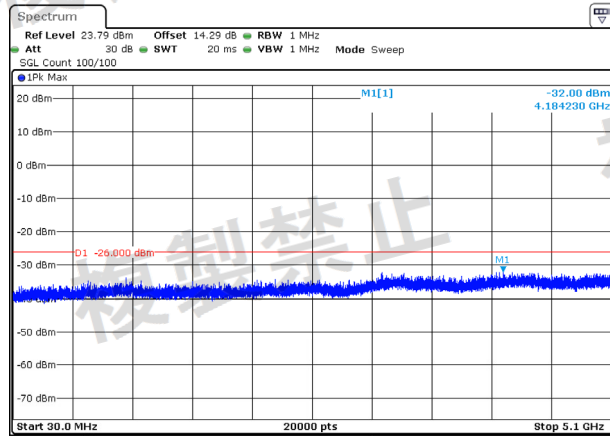
ProjectNo. RKSA260304001 Tester: Neil Zhou
Date: 19.MAR.2026 16:35:16

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



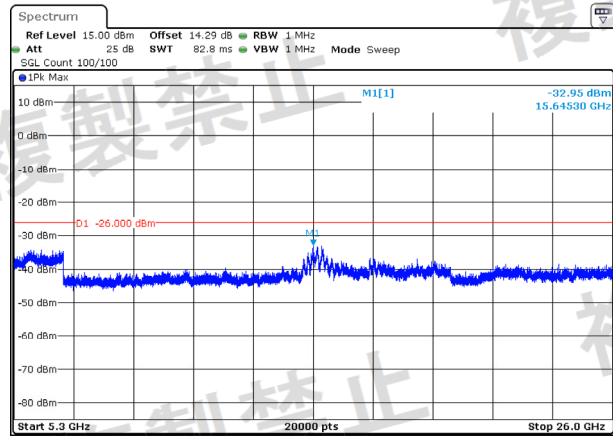
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Date: 19.MAR.2026 14:21:36

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



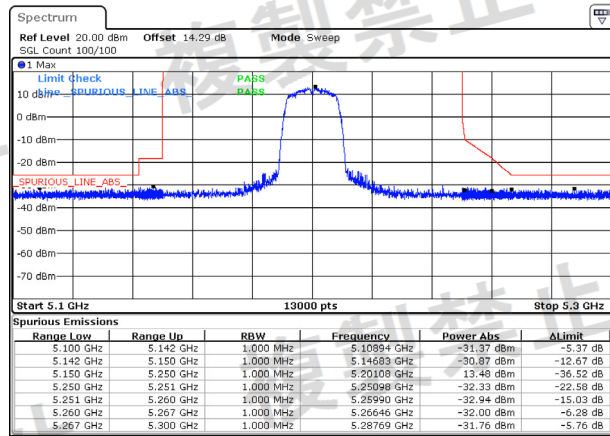
ProjectNo. RKSA260304001 Tester: Neil Zhou
Date: 19.MAR.2026 16:41:15

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



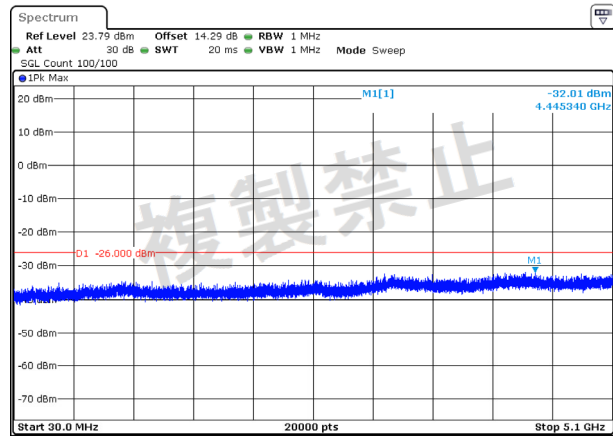
ProjectNo. RKSA260304001 Tester: Neil Zhou
Date: 19.MAR.2026 16:41:54

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



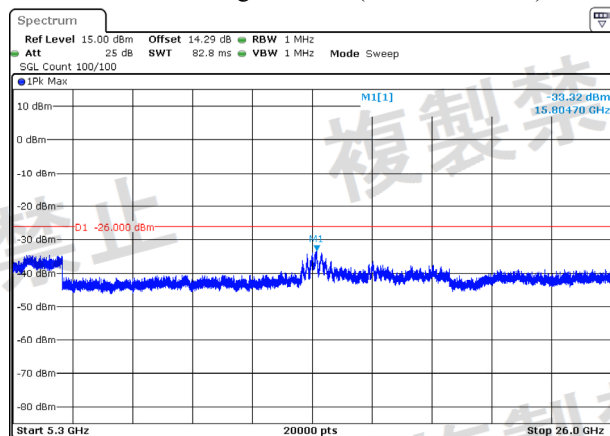
ProjectNo. RKSA260304001 Tester: Neil Zhou
Date: 19.MAR.2026 14:23:25

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



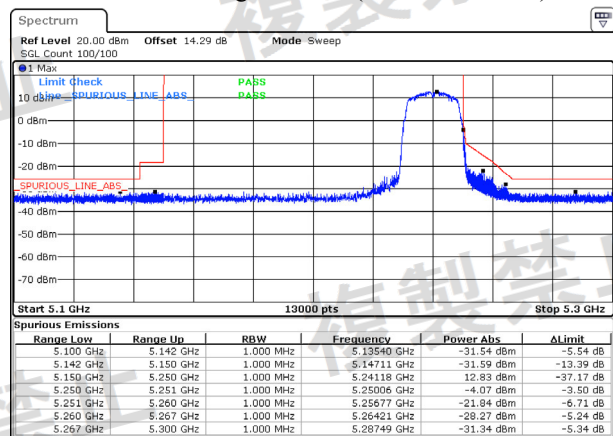
ProjectNo. RKSA260304001 Tester: Neil Zhou
Date: 19.MAR.2026 16:44:18

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



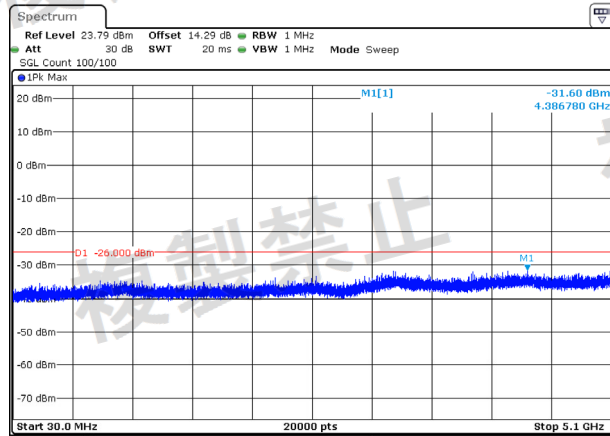
ProjectNo. RKSA260304001 Tester: Neil Zhou
Date: 19.MAR.2026 16:44:57

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



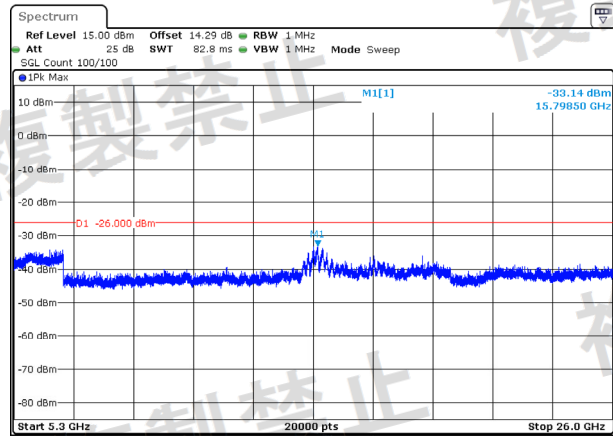
ProjectNo. RKSA260304001 Tester: Neil Zhou
Date: 19.MAR.2026 14:24:36

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



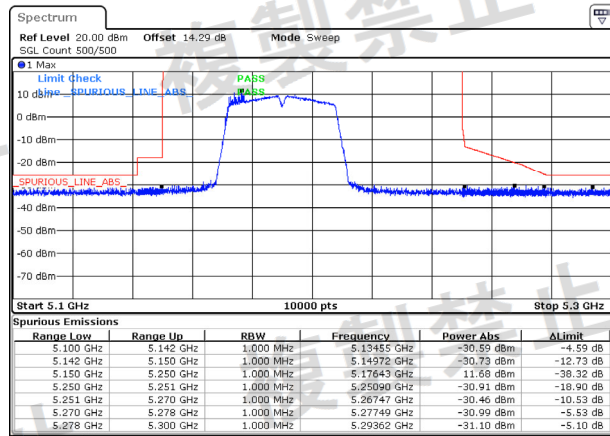
ProjectNo. RKSA260304001 Tester: Neil Zhou
Date: 19.MAR.2026 16:48:10

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



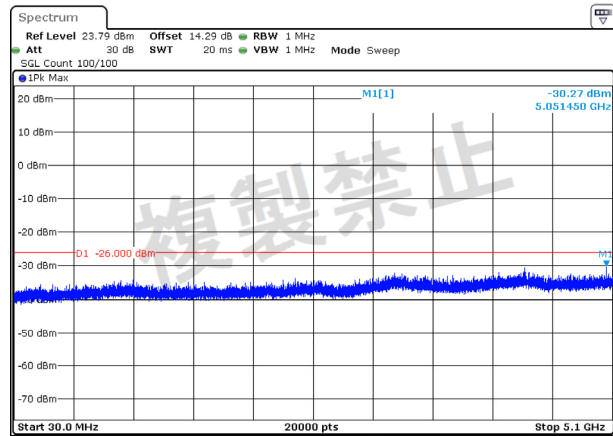
ProjectNo. RKSA260304001 Tester: Neil Zhou
Date: 19.MAR.2026 16:48:50

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



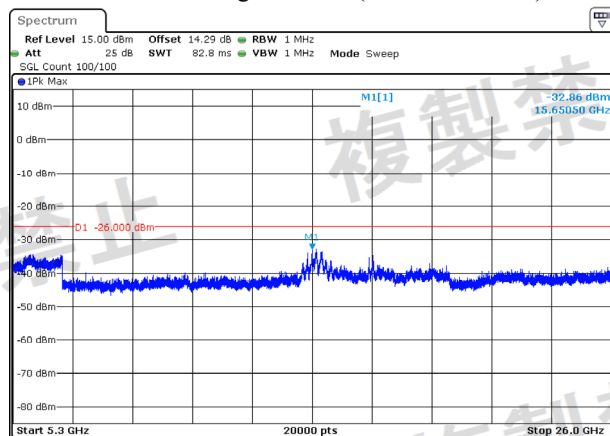
ProjectNo. RKSA260304001 Tester: Neil Zhou
Date: 19.MAR.2026 14:34:30

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



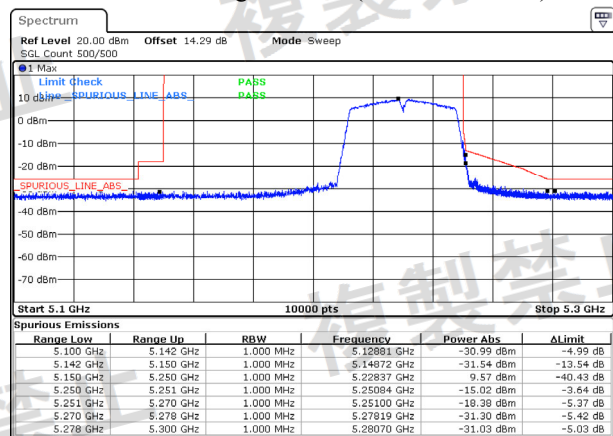
ProjectNo. RKSA260304001 Tester: Neil Zhou
Date: 19.MAR.2026 16:55:17

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



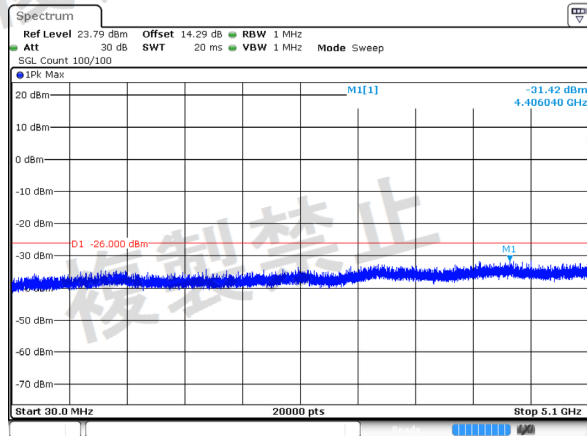
ProjectNo. RKSA260304001 Tester: Neil Zhou
Date: 19.MAR.2026 16:55:57

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



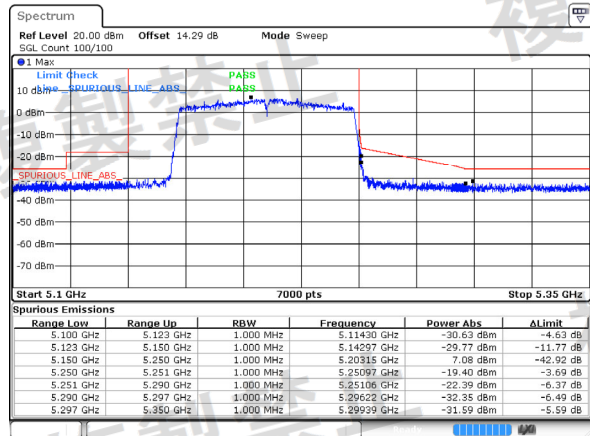
ProjectNo. RKSA260304001 Tester: Neil Zhou
Date: 19.MAR.2026 14:35:49

802.11ac80, Middle Channel(30MHz~5.1GHz)



ProjectNo: RKSA260304001 Tester: Neil Zhou
Date: 19 MAR 2026 16:59:32

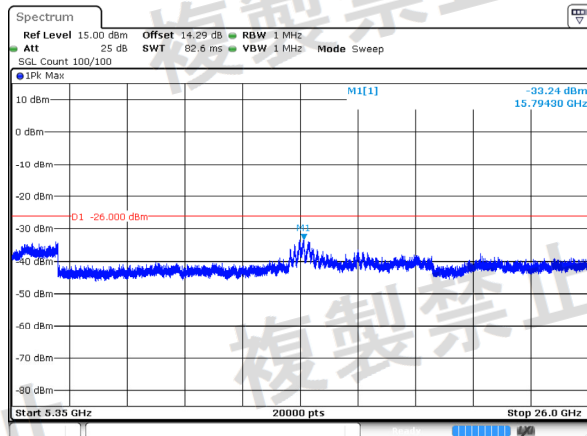
802.11ac80, Middle Channel(5.1GHz~5.3GHz)



ProjectNo: RKSA260304001 Tester: Neil Zhou
Date: 19 MAR 2026 14:37:58

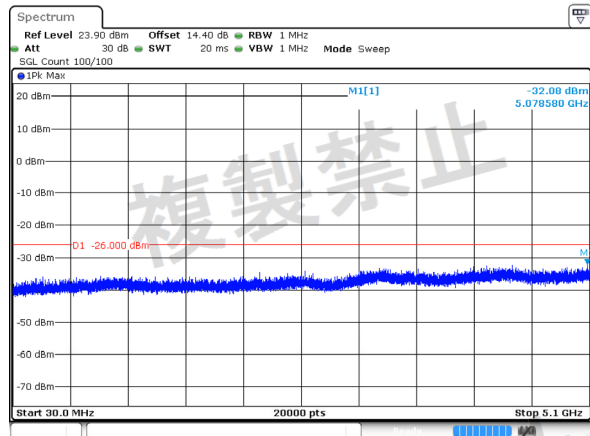
5150~5250MHz, Chain 1

802.11ac80, Middle Channel(5.35GHz~26GHz)



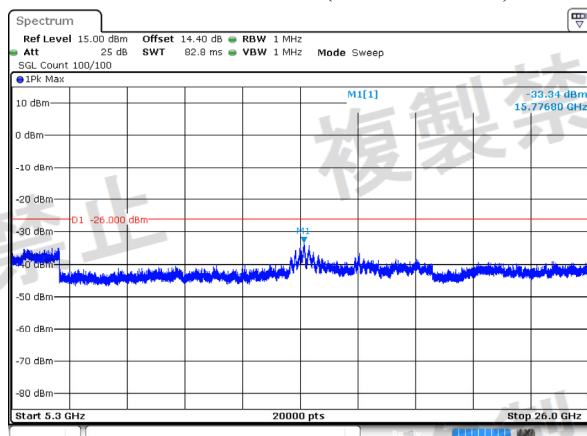
ProjectNo: RKSA260304001 Tester: Neil Zhou
Date: 19 MAR 2026 17:00:11

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



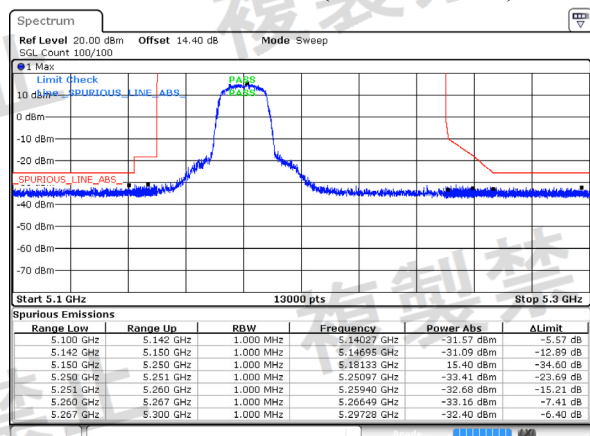
ProjectNo: RKSA260304001 Tester: Neil Zhou
Date: 20 MAR 2026 13:31:33

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



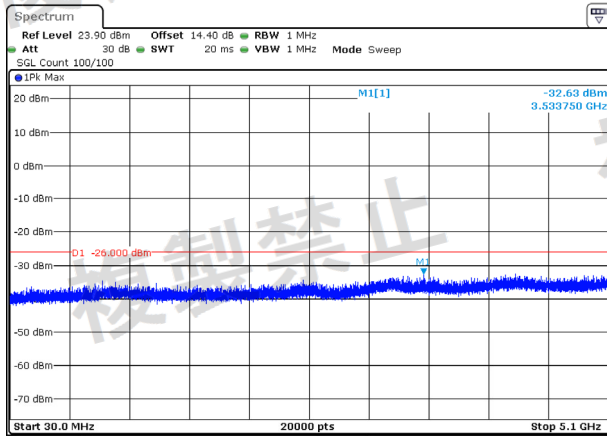
ProjectNo: RKSA260304001 Tester: Neil Zhou
Date: 20 MAR 2026 13:32:12

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



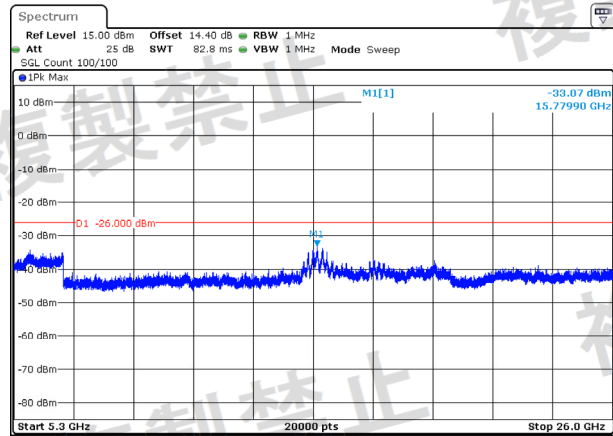
ProjectNo: RKSA260304001 Tester: Neil Zhou
Date: 20 MAR 2026 13:33:19

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



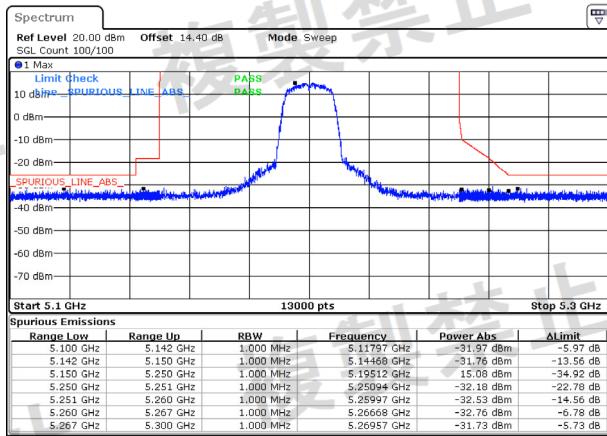
ProjectNo. RKSA260304001 Tester: Neil Zhou
Date: 20 MAR 2026 13:35:27

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



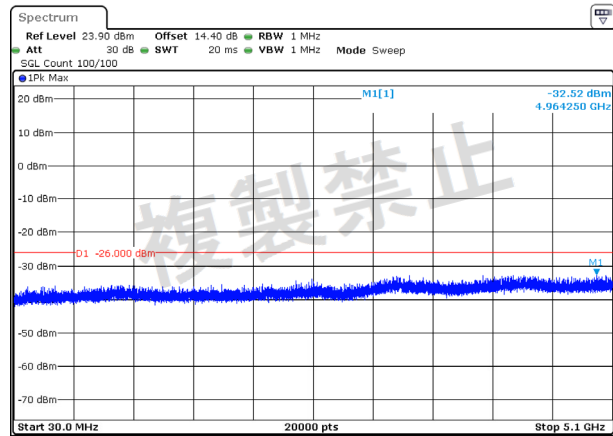
ProjectNo. RKSA260304001 Tester: Neil Zhou
Date: 20 MAR 2026 13:36:06

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



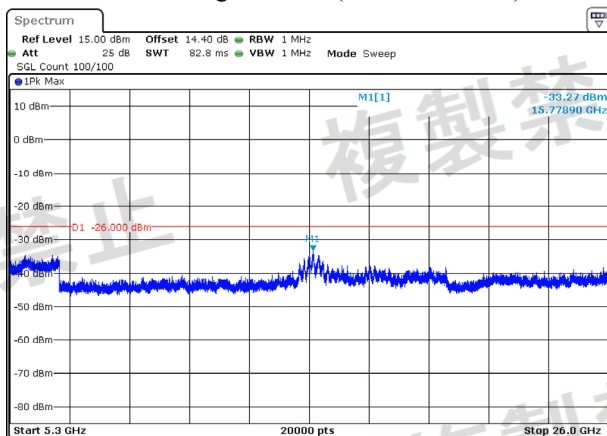
ProjectNo. RKSA260304001 Tester: Neil Zhou
Date: 20 MAR 2026 13:37:21

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



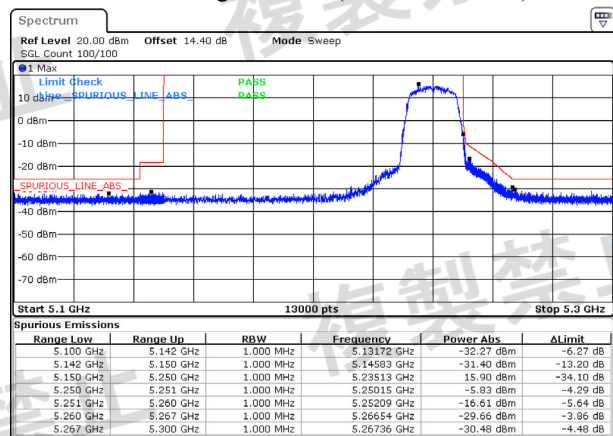
ProjectNo. RKSA260304001 Tester: Neil Zhou
Date: 20 MAR 2026 13:39:24

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



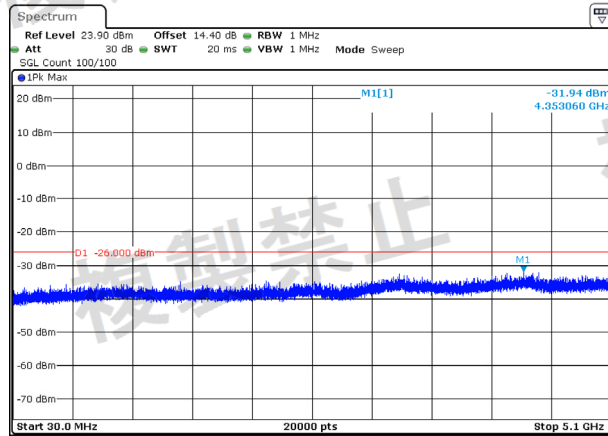
ProjectNo. RKSA260304001 Tester: Neil Zhou
Date: 20 MAR 2026 13:40:04

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



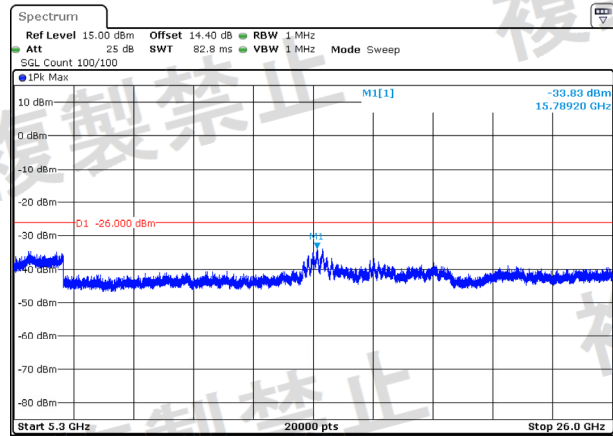
ProjectNo. RKSA260304001 Tester: Neil Zhou
Date: 20 MAR 2026 13:41:15

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



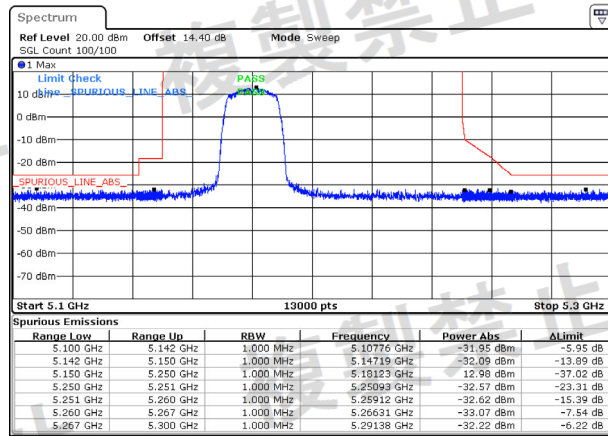
ProjectNo. RKSA260304001 Tester: Neil Zhou
Date: 20. MAR 2026 13:48:11

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



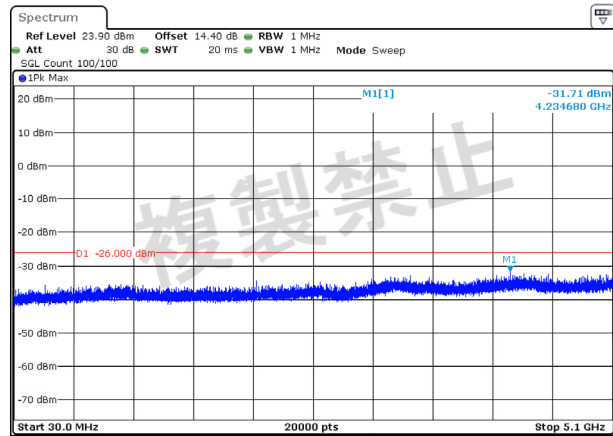
ProjectNo. RKSA260304001 Tester: Neil Zhou
Date: 20. MAR 2026 13:48:50

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



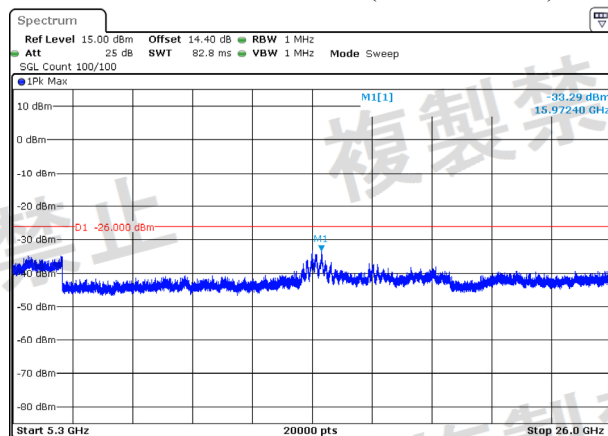
ProjectNo. RKSA260304001 Tester: Neil Zhou
Date: 20. MAR 2026 13:47:40

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



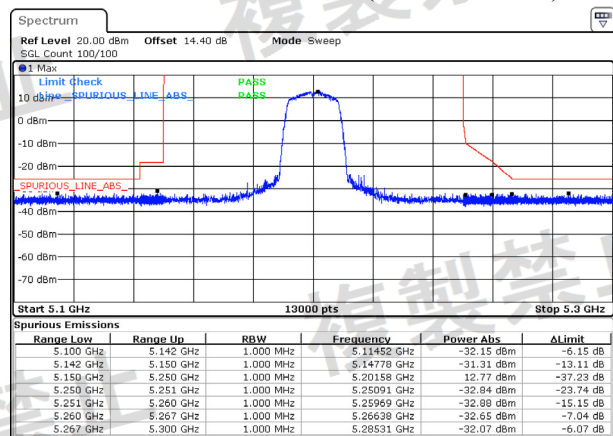
ProjectNo. RKSA260304001 Tester: Neil Zhou
Date: 20. MAR 2026 13:50:01

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



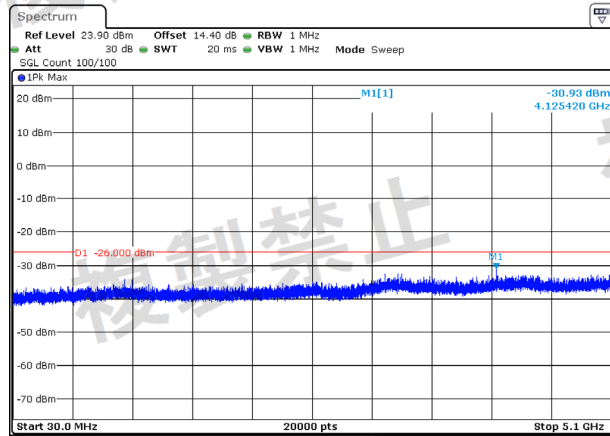
ProjectNo. RKSA260304001 Tester: Neil Zhou
Date: 20. MAR 2026 13:50:41

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



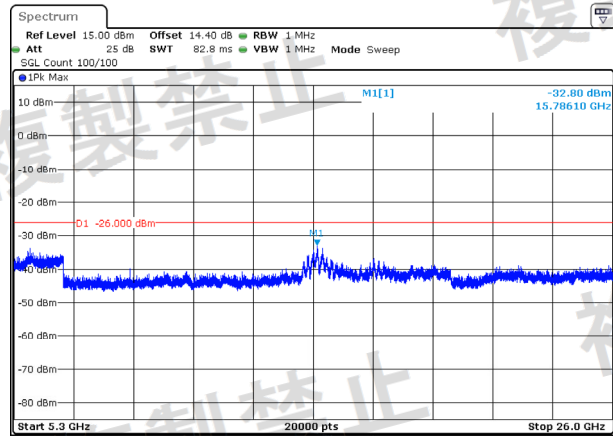
ProjectNo. RKSA260304001 Tester: Neil Zhou
Date: 20. MAR 2026 13:51:30

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



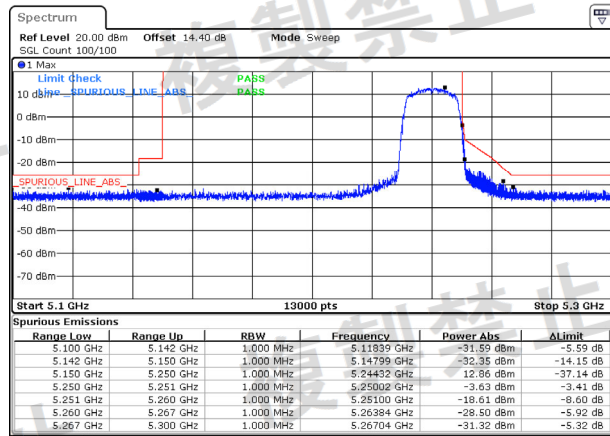
ProjectNo. RKSA260304001 Tester: Neil Zhou
Date: 20 MAR 2026 13:54:14

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



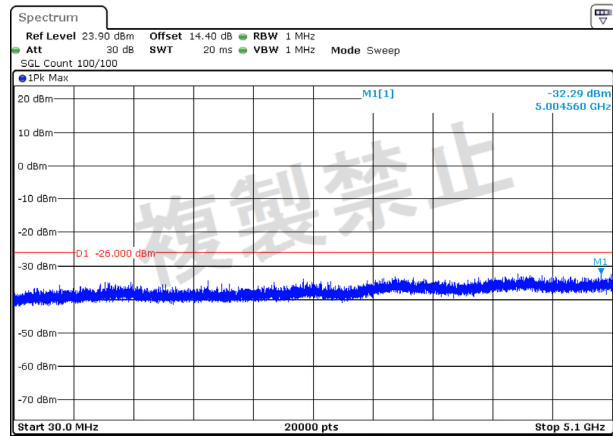
ProjectNo. RKSA260304001 Tester: Neil Zhou
Date: 20 MAR 2026 13:54:53

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



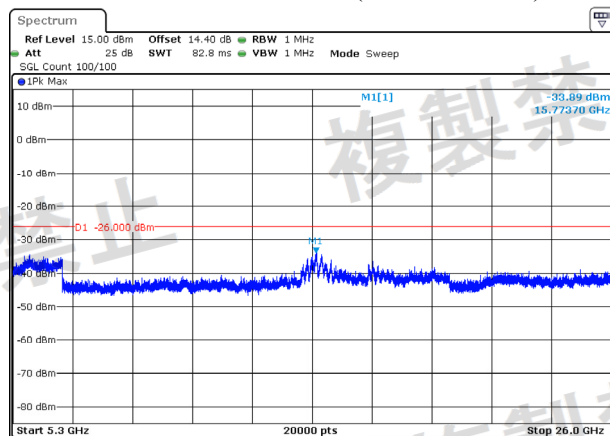
ProjectNo. RKSA260304001 Tester: Neil Zhou
Date: 20 MAR 2026 13:55:52

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



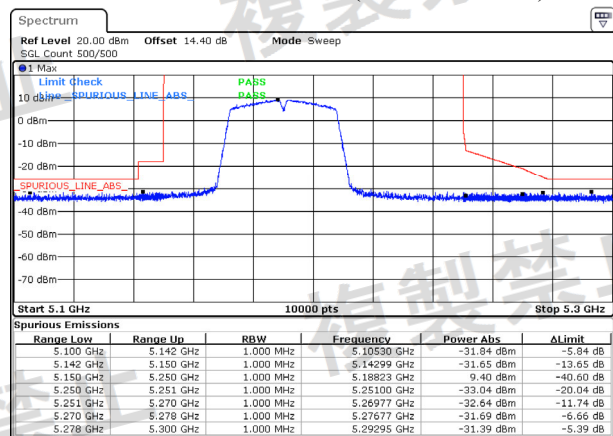
ProjectNo. RKSA260304001 Tester: Neil Zhou
Date: 20 MAR 2026 14:02:51

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



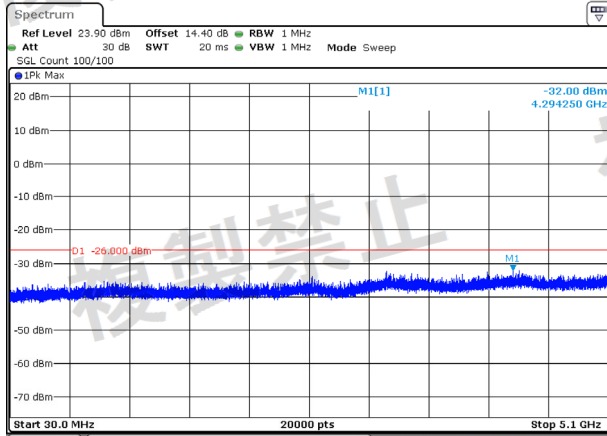
ProjectNo. RKSA260304001 Tester: Neil Zhou
Date: 20 MAR 2026 14:03:30

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

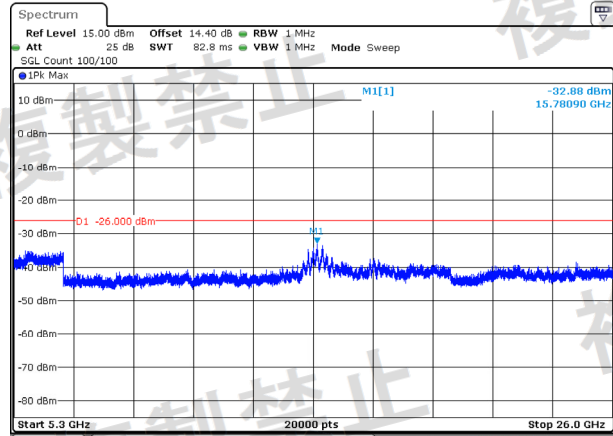


ProjectNo. RKSA260304001 Tester: Neil Zhou
Date: 20 MAR 2026 14:04:40

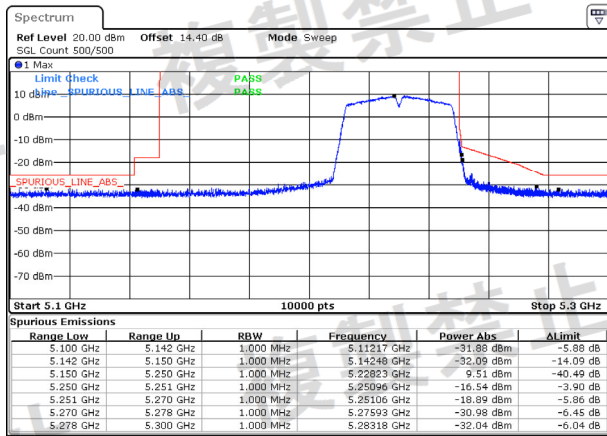
802.11ac40, High Channel(30MHz~5.1GHz)



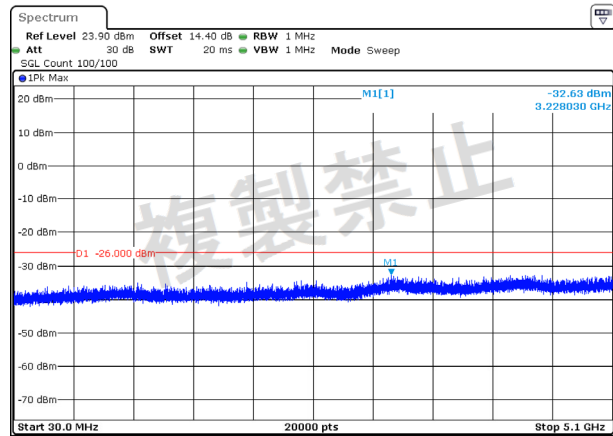
802.11ac40, High Channel(5.3GHz~26GHz)



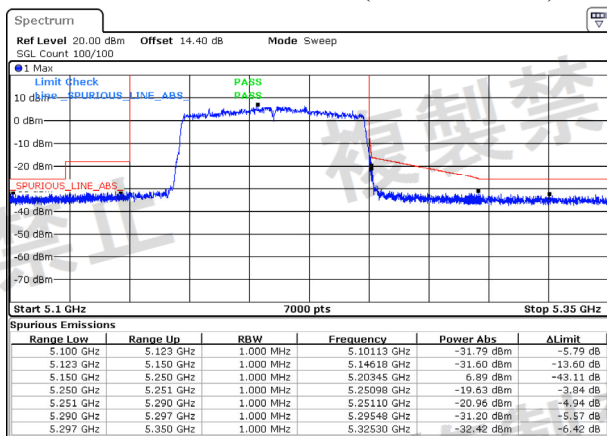
802.11ac40, High Channel(5.1GHz~5.3GHz)



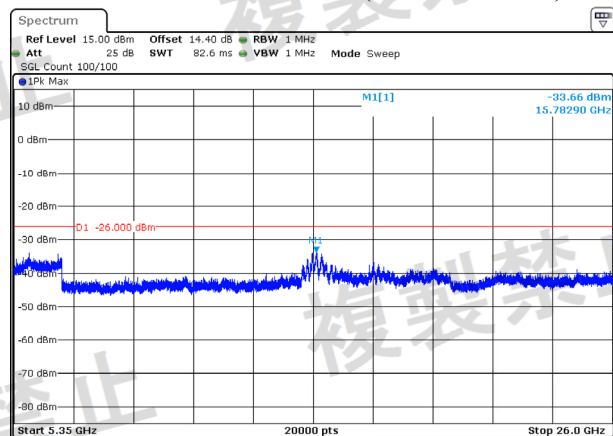
802.11ac80, Middle Channel(30MHz~5.1GHz)



802.11ac80, Middle Channel(5.1GHz~5.3GHz)



802.11ac80, Middle Channel(5.35GHz~26GHz)



5250~5350MHz
Chain 0

Mode	Channel	Test Band (RBW)	Measurement		Limit	
			Frequency (MHz)	Reading (dBm/MHz)	dBm/MHz	μW/MHz
802.11a	Low Channel	30MHz~5200MHz	5175.83	-31.43	-26.02	2.5
		5200MHz~5233.3MHz	5228.29	-32.04	-26.02	2.5
		5233.3MHz~5240MHz	5233.55	-31.92	-24.72	3.37
		5240MHz~5249MHz	5248.94	-21.29	-16.93	20.26
		5249MHz~5250MHz	5249.89	-6.56	-0.2	954.99
		5350MHz~5400MHz	5377.82	-31.95	-26.02	2.5
		5400MHz~26000MHz	15785	-32.9	-26.02	2.5
	Middle Channel	30MHz~5200MHz	4404.98	-31.64	-26.02	2.5
		5200MHz~5233.3MHz	5225.69	-32.2	-26.02	2.5
		5233.3MHz~5240MHz	5234.33	-31.68	-25.93	2.55
		5240MHz~5249MHz	5240.1	-33.28	-17.75	16.78
		5249MHz~5250MHz	5249.05	-32.67	-9.3	117.49
		5350MHz~5400MHz	5358.58	-31.89	-26.02	2.5
		5400MHz~26000MHz	15793.2	-32.82	-26.02	2.5
	High Channel	30MHz~5200MHz	4177.76	-31.78	-26.02	2.5
		5200MHz~5233.3MHz	5206.54	-32.35	-26.02	2.5
		5233.3MHz~5240MHz	5233.38	-33.13	-25.82	2.62
		5240MHz~5249MHz	5240.76	-32.43	-17.76	16.75
		5249MHz~5250MHz	5249.04	-32.89	-9.5	112.2
		5350MHz~5400MHz	5395.53	-32.13	-26.02	2.5
		5400MHz~26000MHz	15785	-32.37	-26.02	2.5

Chain 1

Mode	Channel	Test Band (RBW)	Measurement		Limit	
			Frequency (MHz)	Reading (dBm/MHz)	dBm/MHz	μW/MHz
802.11a	Low Channel	30MHz~5200MHz	3411.83	-32.21	-26	2.5
		5200MHz~5233.3MHz	5211.9	-31.85	-26	2.5
		5233.3MHz~5240MHz	5233.32	-32.55	-26.02	2.5
		5240MHz~5249MHz	5248.96	-21.25	-10.04	99.18
		5249MHz~5250MHz	5249.66	-8.3	-3.4	457.09
		5350MHz~5400MHz	5355.23	-30.31	-26	2.5
		5400MHz~26000MHz	15648	-33.16	-26	2.5
	Middle Channel	30MHz~5200MHz	4994.62	-31.53	-26	2.5
		5200MHz~5233.3MHz	5216.73	-32.04	-26	2.5
		5233.3MHz~5240MHz	5233.52	-33.12	-25.78	2.64
		5240MHz~5249MHz	5241.67	-31.14	-16.52	22.31
		5249MHz~5250MHz	5249.01	-32.91	-9.9	102.33
		5350MHz~5400MHz	5399.18	-31.5	-26	2.5
		5400MHz~26000MHz	15798.4	-33.56	-26	2.5
	High Channel	30MHz~5200MHz	4447.38	-31.92	-26	2.5
		5200MHz~5233.3MHz	5232.32	-32.11	-26	2.5
		5233.3MHz~5240MHz	5233.58	-32.59	-25.7	2.69
		5240MHz~5249MHz	5240.32	-31.71	-17.72	16.92
		5249MHz~5250MHz	5249.01	-33	-9.9	102.33
		5350MHz~5400MHz	5352.18	-32.34	-26	2.5
		5400MHz~26000MHz	15967.3	-33.02	-26	2.5

mode	Channel	Antenna	Test Band	Measurements		Limit	
				Frequency	EIRP		
				(MHz)	(dBm/MHz)	dBm/MHz	μW/MHz
802.11ac20	Lowest Channel	Chain0	30MHz~5200MHz	5137.83	-31.12	-26	2.5
		Chain1	30MHz~5200MHz	4392.58	-32.32	-26	2.5
		Chain0+1	30MHz~5200MHz	/	-28.67	-26	2.5
		Chain0	5200MHz~5233.3MHz	5213.5	-30.84	-26	2.5
		Chain1	5200MHz~5233.3MHz	5226.72	-32.21	-26	2.5
		Chain0+1	5200MHz~5233.3MHz	/	-28.46	-26	2.5
		Chain0	5233.3MHz~5240MHz	5233.39	-32.1	-25.93	2.55
		Chain1	5233.3MHz~5240MHz	5233.32	-32.15	-26.02	2.5
		Chain0+1	5233.3MHz~5240MHz	/	-29.11	-26.02	2.5
		Chain0	5240MHz~5249MHz	5248.98	-19.23	-10.02	99.59
		Chain1	5240MHz~5249MHz	5248.97	-19.9	-10.03	99.39
		Chain0+1	5240MHz~5249MHz	/	-16.54	-10.03	99.39
		Chain0	5249MHz~5250MHz	5249.93	-4.18	-0.7	851.14
		Chain1	5249MHz~5250MHz	5249.97	-4.22	-0.3	933.25
		Chain0+1	5249MHz~5250MHz	/	-1.19	-0.7	851.14
		Chain0	5350MHz~5400MHz	5373.52	-31.61	-26	2.5
		Chain1	5350MHz~5400MHz	5386.48	-32.67	-26	2.5
		Chain0+1	5350MHz~5400MHz	/	-29.10	-26	2.5
		Chain0	5400MHz~26000MHz	15981.7	-33.2	-26	2.5
		Chain1	5400MHz~26000MHz	15796.3	-33.68	-26	2.5

802.11ac20	Lowest Channel	Chain0+1	5400MHz~26000MHz	/	-30.42	-26	2.5
	Middle Channel	Chain0	30MHz~5200MHz	4319.68	-31.81	-26	2.5
		Chain1	30MHz~5200MHz	4482.79	-31.99	-26	2.5
		Chain0+1	30MHz~5200MHz	/	-28.89	-26	2.5
		Chain0	5200MHz~5233.3MHz	5216.47	-31.32	-26	2.5
		Chain1	5200MHz~5233.3MHz	5213.04	-32.47	-26	2.5
		Chain0+1	5200MHz~5233.3MHz	/	-28.85	-26	2.5
		Chain0	5233.3MHz~5240MHz	5233.36	-32.34	-25.97	2.53
		Chain1	5233.3MHz~5240MHz	5233.43	-33.11	-25.88	2.58
		Chain0+1	5233.3MHz~5240MHz	/	-29.70	-25.97	2.53
		Chain0	5240MHz~5249MHz	5240.2	-32.08	-17.82	16.51
		Chain1	5240MHz~5249MHz	5240.71	-32.75	-17.37	18.33
		Chain0+1	5240MHz~5249MHz	/	-29.39	-17.82	16.51
		Chain0	5249MHz~5250MHz	5249.02	-33.31	-9.8	104.71
		Chain1	5249MHz~5250MHz	5249.08	-33.07	-9.2	120.23
		Chain0+1	5249MHz~5250MHz	/	-30.18	-9.8	104.71
		Chain0	5350MHz~5400MHz	5364.47	-31.91	-26	2.5
		Chain1	5350MHz~5400MHz	5386.17	-31.4	-26	2.5
		Chain0+1	5350MHz~5400MHz	/	-28.64	-26	2.5
		Chain0	5400MHz~26000MHz	15781.9	-32.77	-26	2.5
		Chain1	5400MHz~26000MHz	15994.1	-33.42	-26	2.5
		Chain0+1	5400MHz~26000MHz	/	-30.07	-26	2.5

802.11ac20	Highest Channel	Chain0	30MHz~5200MHz	4938.53	-31.84	-26	2.5
		Chain1	30MHz~5200MHz	3158.5	-32.44	-26	2.5
		Chain0+1	30MHz~5200MHz	/	-29.12	-26	2.5
		Chain0	5200MHz~5233.3MHz	5213.87	-30.88	-26	2.5
		Chain1	5200MHz~5233.3MHz	5219.3	-31.99	-26	2.5
		Chain0+1	5200MHz~5233.3MHz	/	-28.39	-26	2.5
		Chain0	5233.3MHz~5240MHz	5233.48	-31.66	-25.82	2.62
		Chain1	5233.3MHz~5240MHz	5233.88	-32.7	-25.34	2.92
		Chain0+1	5233.3MHz~5240MHz	/	-29.14	-25.82	2.62
		Chain0	5240MHz~5249MHz	5240.4	-31.84	-17.64	17.2
		Chain1	5240MHz~5249MHz	5240.1	-33.08	-17.91	16.18
		Chain0+1	5240MHz~5249MHz	/	-29.41	-17.91	16.18
		Chain0	5249MHz~5250MHz	5249.06	-31.34	-9.4	114.82
		Chain1	5249MHz~5250MHz	5249.03	-33.22	-9.7	107.15
		Chain0+1	5249MHz~5250MHz	/	-29.17	-9.7	107.15
		Chain0	5350MHz~5400MHz	5368.07	-31.62	-26	2.5
		Chain1	5350MHz~5400MHz	5382.22	-32.47	-26	2.5
		Chain0+1	5350MHz~5400MHz	/	-29.01	-26	2.5
		Chain0	5400MHz~26000MHz	15794.2	-33.29	-26	2.5
		Chain1	5400MHz~26000MHz	15801.5	-33.71	-26	2.5
		Chain0+1	5400MHz~26000MHz	/	-30.48	-26	2.5

mode	Channel	Antenna	Test Band	Measurements		Limit	
				Frequency	EIRP		
				(MHz)	(dBm/MHz)	dBm/MHz	μW/MHz
802.11ac40	Lowest Channel	Chain0	30MHz~5200MHz	3041.91	-31.85	-26	2.5
		Chain1	30MHz~5200MHz	4238.51	-32.02	-26	2.5
		Chain0+1	30MHz~5200MHz	/	-28.92	-26	2.5
		Chain0	5200MHz~5221.6MHz	5201.09	-31.79	-26	2.5
		Chain1	5200MHz~5221.6MHz	5214.57	-31.43	-26	2.5
		Chain0+1	5200MHz~5221.6MHz	/	-28.60	-26	2.5
		Chain0	5221.6MHz~5230MHz	5222.35	-32.24	-25.6	2.75
		Chain1	5221.6MHz~5230MHz	5222.86	-32.3	-25.29	2.96
		Chain0+1	5221.6MHz~5230MHz	/	-29.26	-25.6	2.75
		Chain0	5230MHz~5249MHz	5248.97	-20.03	-13.02	49.85
		Chain1	5230MHz~5249MHz	5248.95	-20.19	-13.03	49.76
		Chain0+1	5230MHz~5249MHz	/	-17.10	-13.03	49.76
		Chain0	5249MHz~5250MHz	5249.04	-18.46	-12.61	54.82
		Chain1	5249MHz~5250MHz	5249.14	-16.11	-11.61	69.02
		Chain0+1	5249MHz~5250MHz	/	-14.12	-12.61	54.82
		Chain0	5350MHz~5358.4MHz	5355.34	-31.98	-18.24	15
		Chain1	5350MHz~5358.4MHz	5351.95	-32.34	-18.24	15
		Chain0+1	5350MHz~5358.4MHz	/	-29.15	-18.24	15
		Chain0	5358.4MHz~5400MHz	5376.89	-32.72	-26	2.5
		Chain1	5358.4MHz~5400MHz	5360.54	-32.67	-26	2.5

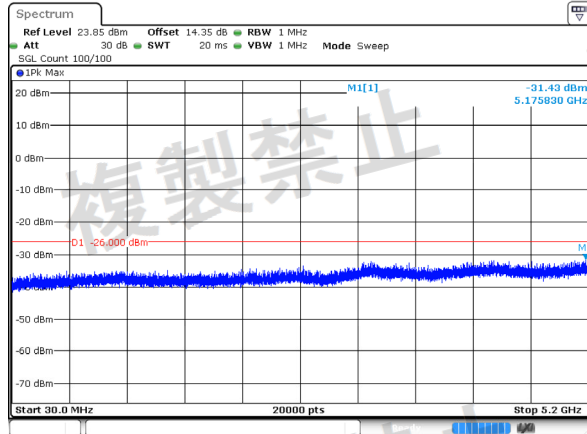
802.11ac40	Lowest Channel	Chain0+1	5358.4MHz~5400MHz	/	-29.68	-26	2.5
		Chain0	5400MHz~26000MHz	15645.9	-32.84	-26	2.5
		Chain1	5400MHz~26000MHz	15794.2	-33.23	-26	2.5
		Chain0+1	5400MHz~26000MHz	/	-30.02	-26	2.5
	Highest Channel	Chain0	30MHz~5200MHz	5131.11	-31.19	-26	2.5
		Chain1	30MHz~5200MHz	4360.78	-31.82	-26	2.5
		Chain0+1	30MHz~5200MHz	/	-28.48	-26	2.5
		Chain0	5200MHz~5221.6MHz	5211.39	-31.29	-26	2.5
		Chain1	5200MHz~5221.6MHz	5202.65	-32.03	-26	2.5
		Chain0+1	5200MHz~5221.6MHz	/	-28.63	-26	2.5
		Chain0	5221.6MHz~5230MHz	5222.36	-32.79	-25.59	2.76
		Chain1	5221.6MHz~5230MHz	5222.27	-32.9	-25.65	2.72
		Chain0+1	5221.6MHz~5230MHz	/	-29.83	-25.65	2.72
		Chain0	5230MHz~5249MHz	5232	-31.4	-20.17	9.62
		Chain1	5230MHz~5249MHz	5230.35	-33.41	-20.86	8.2
		Chain0+1	5230MHz~5249MHz	/	-29.28	-20.86	8.2
		Chain0	5249MHz~5250MHz	5249.1	-32.85	-12.01	62.95
		Chain1	5249MHz~5250MHz	5249.01	-32.24	-12.91	51.16
		Chain0+1	5249MHz~5250MHz	/	-29.52	-12.91	51.16
		Chain0	5350MHz~5358.4MHz	5353.63	-32.39	-18.24	15
		Chain1	5350MHz~5358.4MHz	5351.1	-32.5	-18.24	15
		Chain0+1	5350MHz~5358.4MHz	/	-29.43	-18.24	15
		Chain0	5358.4MHz~5400MHz	5387.17	-31.56	-26	2.5

802.11ac40	Highest Channel	Chain1	5358.4MHz~5400MHz	5362.08	-31.49	-26	2.5
		Chain0+1	5358.4MHz~5400MHz	/	-28.51	-26	2.5
		Chain0	5400MHz~26000MHz	15776.7	-32.34	-26	2.5
		Chain1	5400MHz~26000MHz	15649	-33.96	-26	2.5
		Chain0+1	5400MHz~26000MHz	/	-30.06	-26	2.5

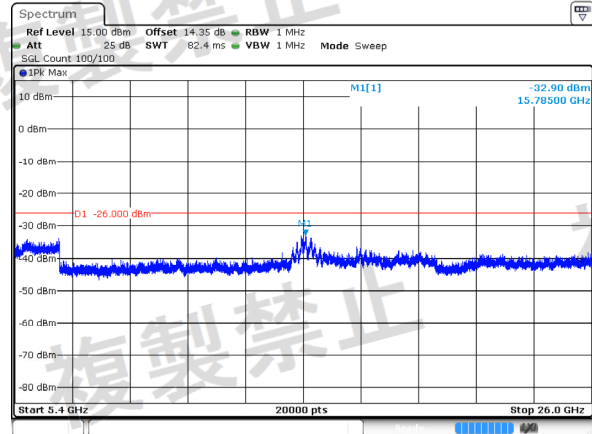
mode	Channel	Antenna	Test Band	Measurements		Limit	
				Frequency	EIRP		
				(MHz)	(dBm/MHz)	dBm/MHz	μW/MHz
802.11ac80	Middle Channel	Chain0	30MHz~5200MHz	4294.09	-31.95	-26	2.5
		Chain1	30MHz~5200MHz	4163.8	-32.31	-26	2.5
		Chain0+1	30MHz~5200MHz	/	-29.12	-26	2.5
		Chain0	5200MHz~5203.3MHz	5203.07	-29.31	-26	2.5
		Chain1	5200MHz~5203.3MHz	5200.45	-31.81	-26	2.5
		Chain0+1	5200MHz~5203.3MHz	/	-27.37	-26	2.5
		Chain0	5203.3MHz~5210MHz	5203.97	-29.66	-25.83	2.61
		Chain1	5203.3MHz~5210MHz	5203.54	-32.35	-25.96	2.54
		Chain0+1	5203.3MHz~5210MHz	/	-27.79	-25.96	2.54
		Chain0	5210MHz~5249MHz	5248.98	-21.52	-16.02	24.99
		Chain1	5210MHz~5249MHz	5248.98	-22.64	-16.02	24.99
		Chain0+1	5210MHz~5249MHz	/	-19.03	-16.02	24.99
		Chain0	5249MHz~5250MHz	5249.01	-19.61	-15.92	25.58
		Chain1	5249MHz~5250MHz	5249.04	-20.01	-15.62	27.41
		Chain0+1	5249MHz~5250MHz	/	-16.80	-15.92	25.58
		Chain0	5350MHz~5376.8MHz	5358.24	-30.16	-18.24	15
		Chain1	5350MHz~5376.8MHz	5351.35	-31.65	-18.24	15
		Chain0+1	5350MHz~5376.8MHz	/	-27.83	-18.24	15
		Chain0	5376.8MHz~5400MHz	5388.06	-30.62	-26	2.5
		Chain1	5376.8MHz~5400MHz	5381.29	-32.18	-26	2.5

802.11ac80	Middle Channel	Chain0+1	5376.8MHz~5400MHz	/	-28.32	-26	2.5
		Chain0	5400MHz~26000MHz	5816.6	-33.31	-26	2.5
		Chain1	5400MHz~26000MHz	15980.7	-33.82	-26	2.5
		Chain0+1	5400MHz~26000MHz	/	-30.55	-26	2.5

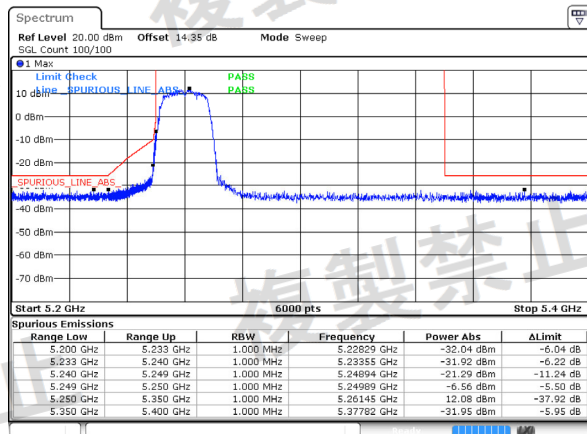
Please refer to the following plots for normal voltage test:

5250~5350MHz, Chain 0**802.11a, Low Channel(30MHz~5.2GHz)**

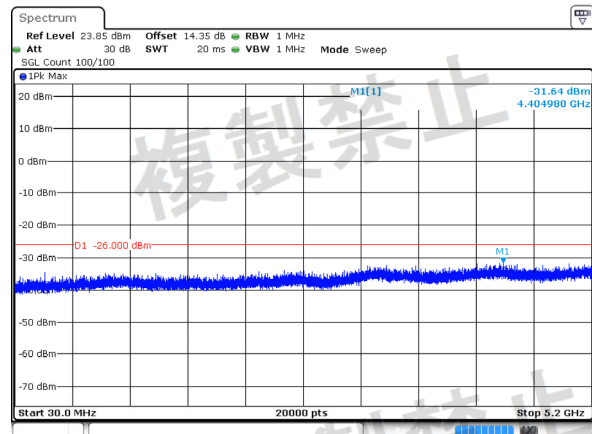
ProjectNo.: RKSA260304001 Tester: Neil Zhou
Date: 19 MAR 2026 17:08:14

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

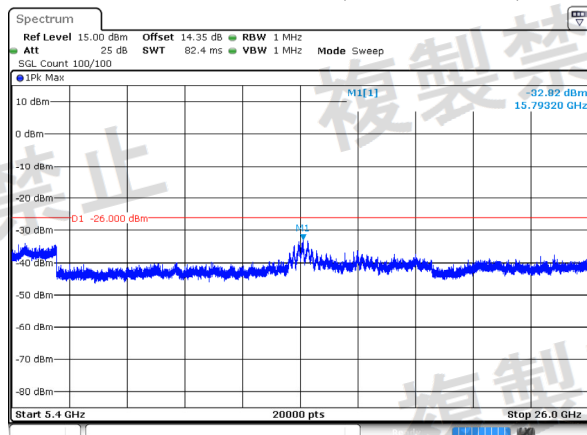
ProjectNo.: RKSA260304001 Tester: Neil Zhou
Date: 19 MAR 2026 17:08:53

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

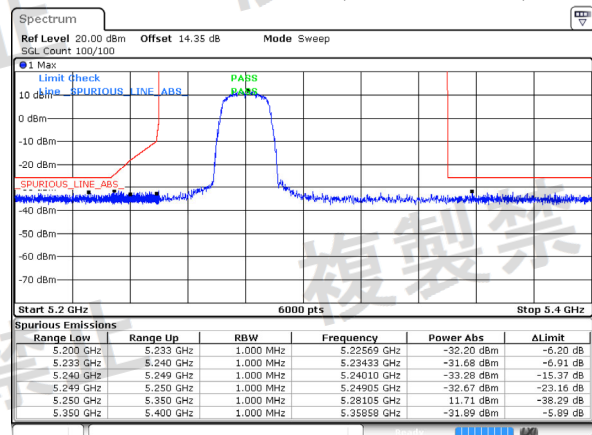
ProjectNo.: RKSA260304001 Tester: Neil Zhou
Date: 20 MAR 2026 09:47:53

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

ProjectNo.: RKSA260304001 Tester: Neil Zhou
Date: 19 MAR 2026 17:20:20

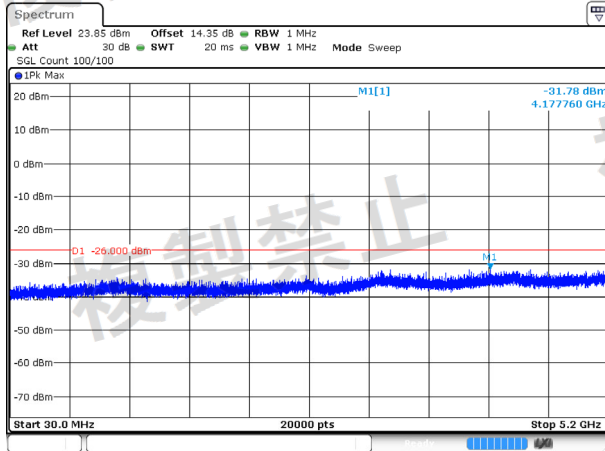
802.11a, Middle Channel(5.4GHz~26GHz)

ProjectNo.: RKSA260304001 Tester: Neil Zhou
Date: 19 MAR 2026 17:20:53

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

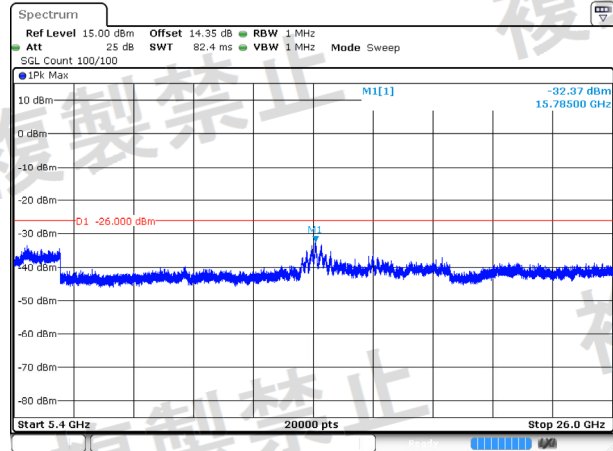
ProjectNo.: RKSA260304001 Tester: Neil Zhou
Date: 20 MAR 2026 09:51:36

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



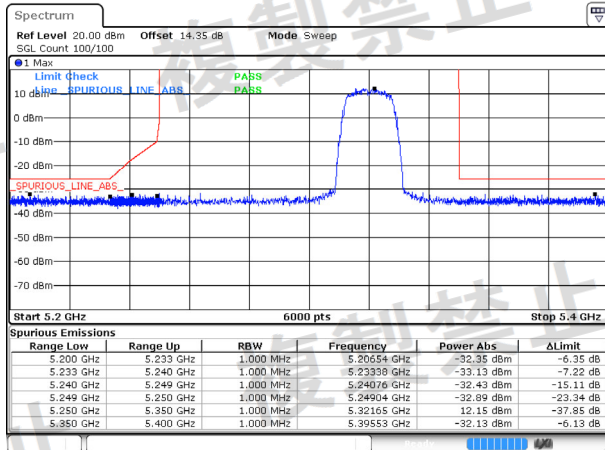
ProjectNo. RKSA260304001 Tester: Neil Zhou
Date: 19.MAR.2026 17:24:18

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



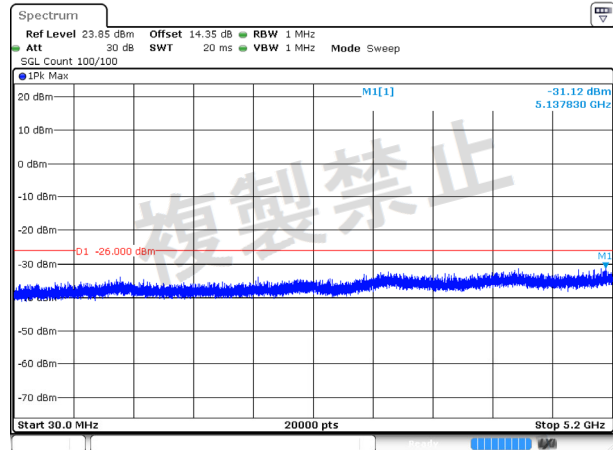
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Date: 19.MAR.2026 17:24:57

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



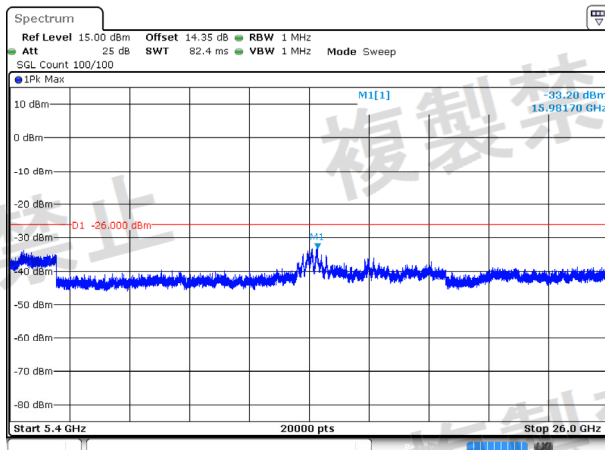
ProjectNo. RKSA260304001 Tester: Neil Zhou
Date: 20.MAR.2026 09:54:49

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



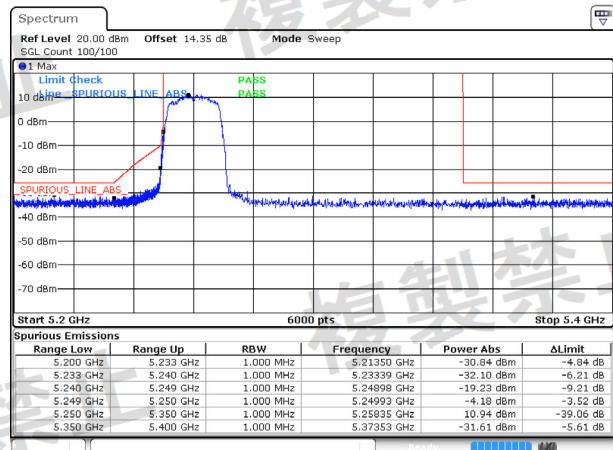
ProjectNo. RKSA260304001 Tester: Neil Zhou
Date: 19.MAR.2026 17:31:06

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



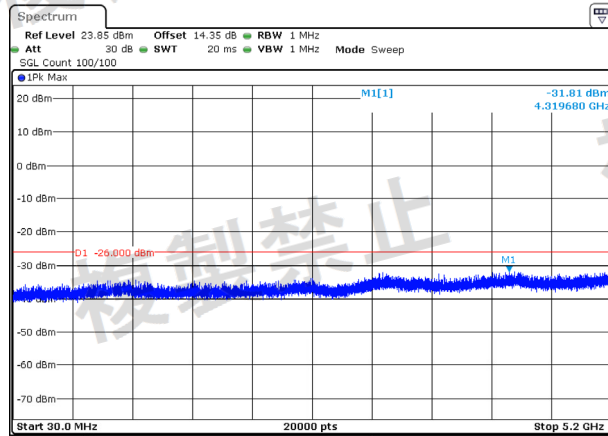
ProjectNo. RKSA260304001 Tester: Neil Zhou
Date: 19.MAR.2026 17:31:45

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



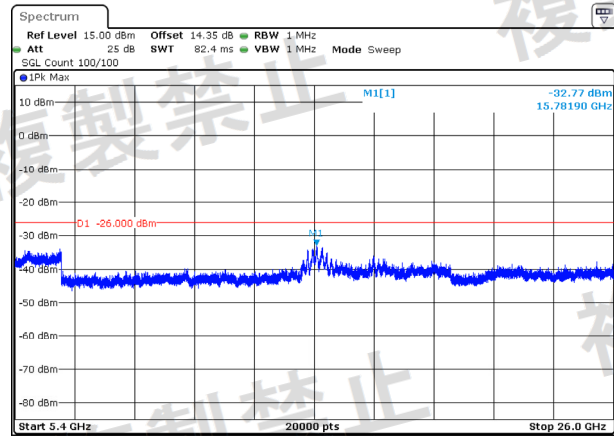
ProjectNo. RKSA260304001 Tester: Neil Zhou
Date: 19.MAR.2026 15:08:19

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



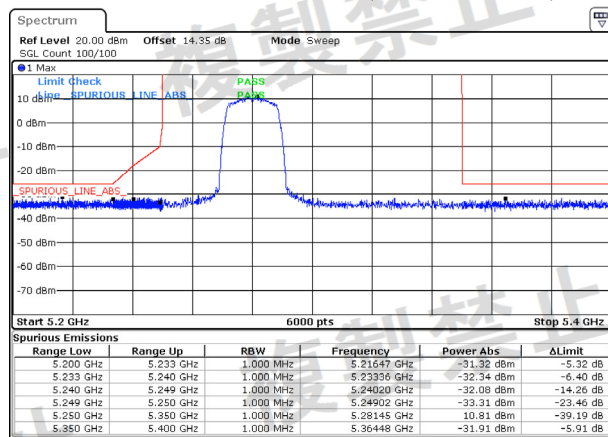
ProjectNo. RKSA260304001 Tester: Neil Zhou
Date: 19.MAR.2026 17:40:58

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



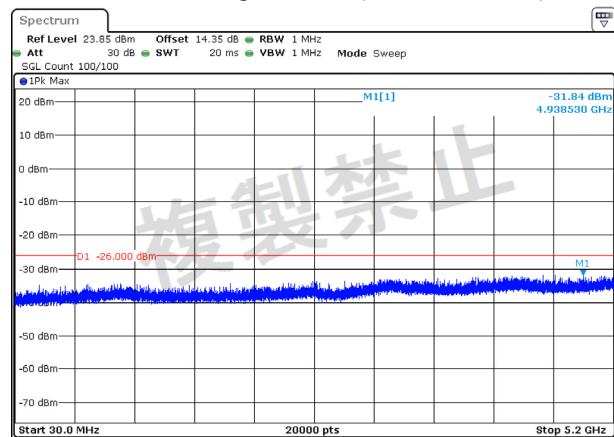
ProjectNo. RKSA260304001 Tester: Neil Zhou
Date: 19.MAR.2026 17:41:37

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



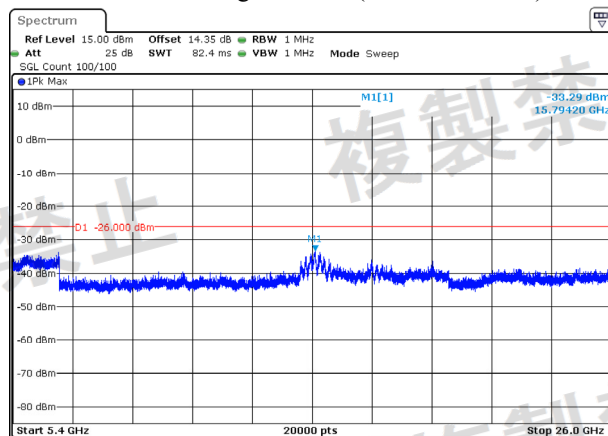
ProjectNo. RKSA260304001 Tester: Neil Zhou
Date: 19.MAR.2026 15:10:19

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



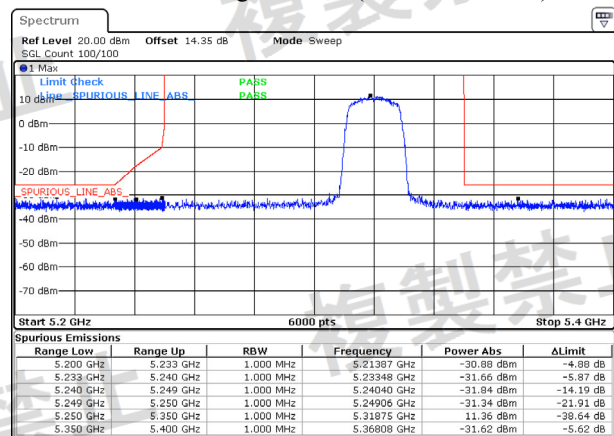
ProjectNo. RKSA260304001 Tester: Neil Zhou
Date: 19.MAR.2026 17:45:14

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



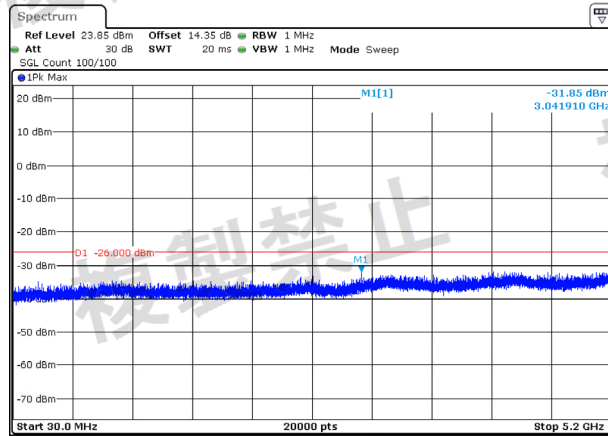
ProjectNo. RKSA260304001 Tester: Neil Zhou
Date: 19.MAR.2026 17:45:53

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



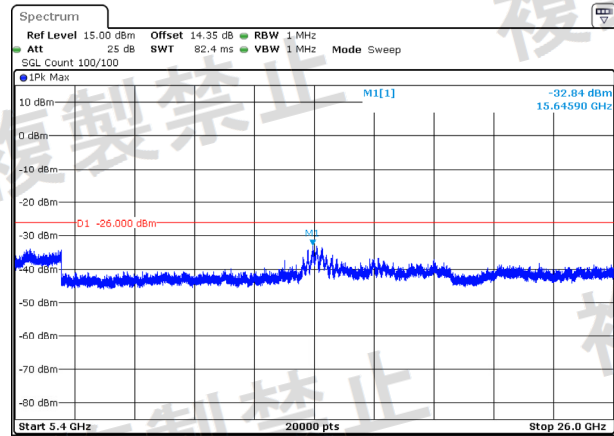
ProjectNo. RKSA260304001 Tester: Neil Zhou
Date: 19.MAR.2026 15:11:24

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



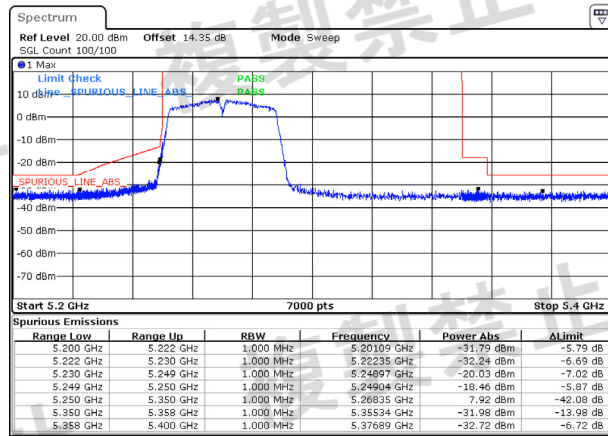
ProjectNo. RKSA260304001 Tester: Neil Zhou
Date: 19.MAR.2026 17:49:48

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



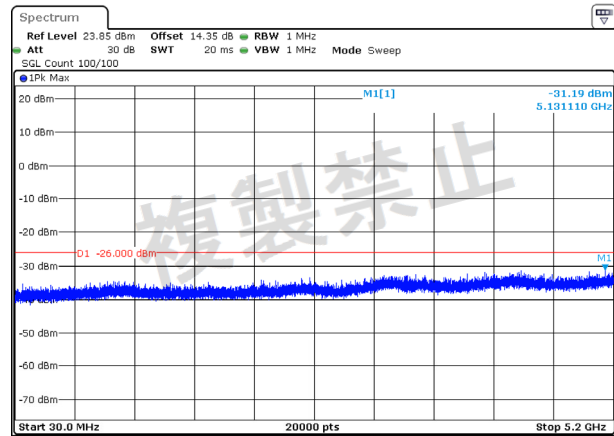
ProjectNo. RKSA260304001 Tester: Neil Zhou
Date: 19.MAR.2026 17:50:27

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



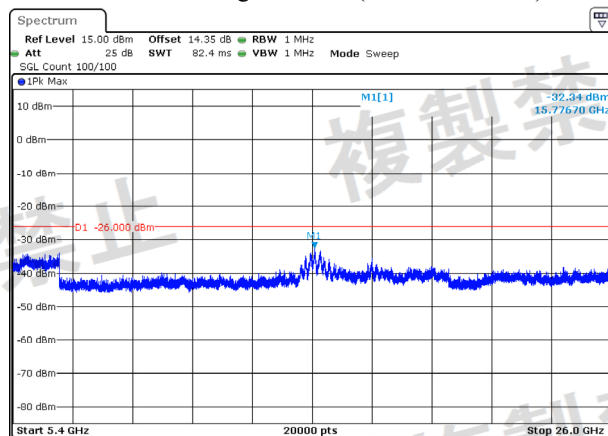
ProjectNo. RKSA260304001 Tester: Neil Zhou
Date: 20.MAR.2026 10:03:41

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



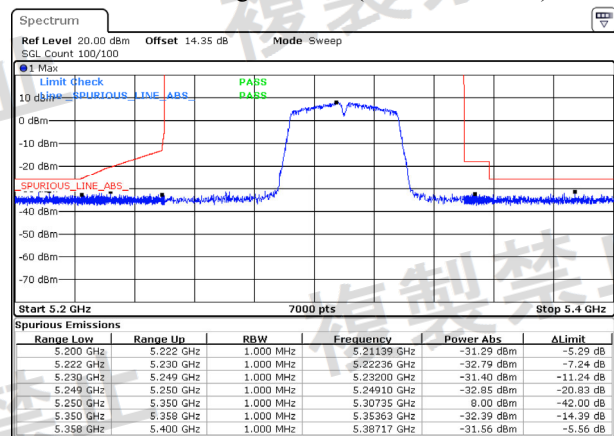
ProjectNo. RKSA260304001 Tester: Neil Zhou
Date: 19.MAR.2026 17:54:03

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



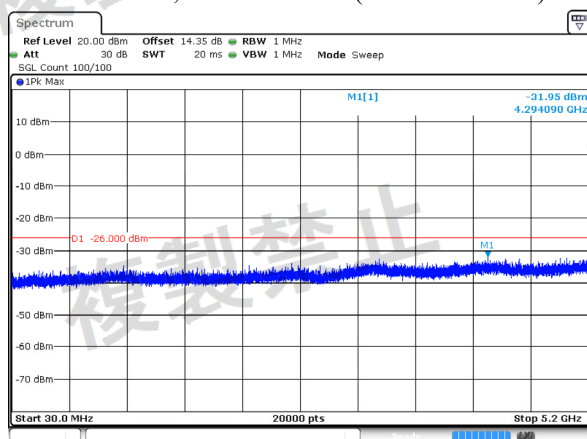
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802.11ac40, High Channel(5.2GHz~5.4GHz)



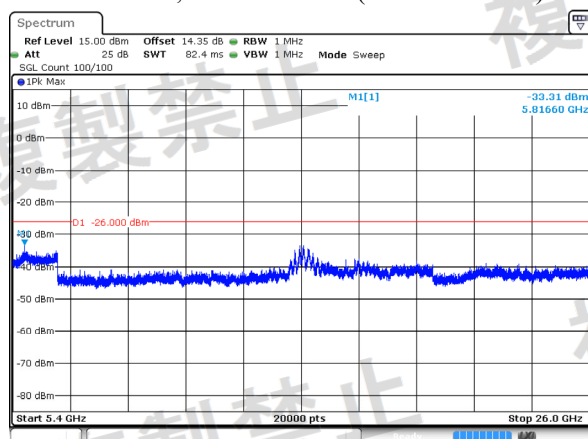
ProjectNo. RKSA260304001 Tester: Neil Zhou
Date: 20.MAR.2026 10:10:22

802.11ac80, Middle Channel(30MHz~5.2GHz)



ProjectNo: RKSA260304001 Tester:Neil Zhou
Date: 20 MAR 2026 09:22:09

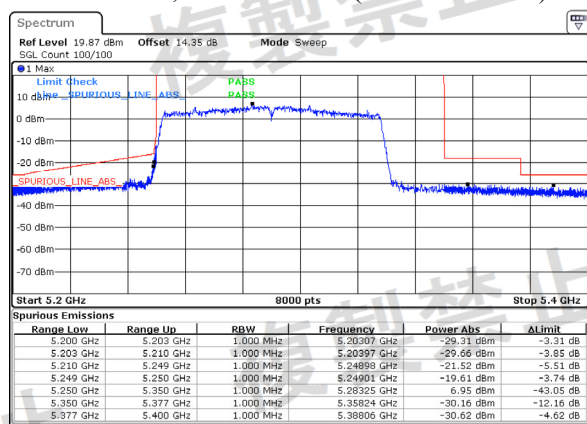
802.11ac80, Middle Channel(5.4GHz~26GHz)



ProjectNo: RKSA260304001 Tester:Neil Zhou
Date: 20 MAR 2026 09:22:47

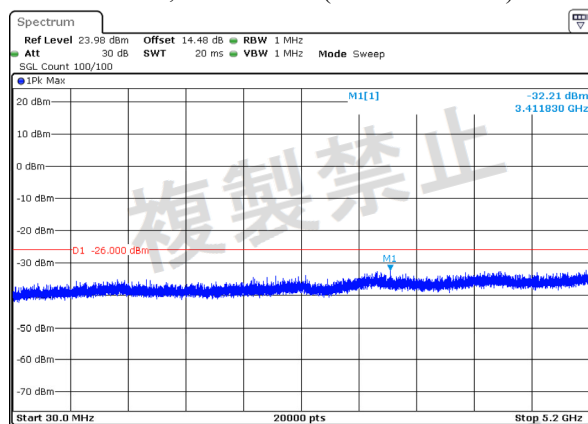
5250~5350MHz, Chain 1

802.11ac80, Middle Channel(5.2GHz~5.4GHz)



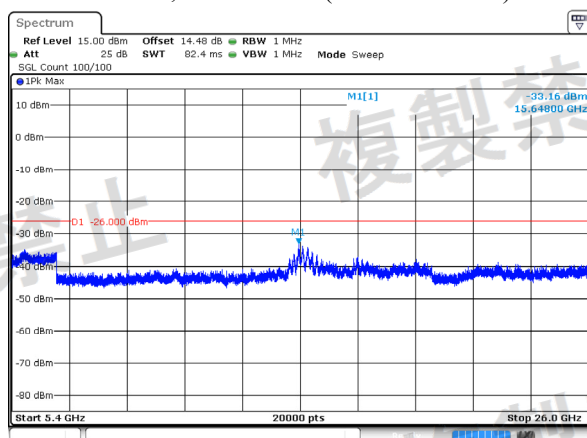
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Date: 11 MAY 2026 15:31:27

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



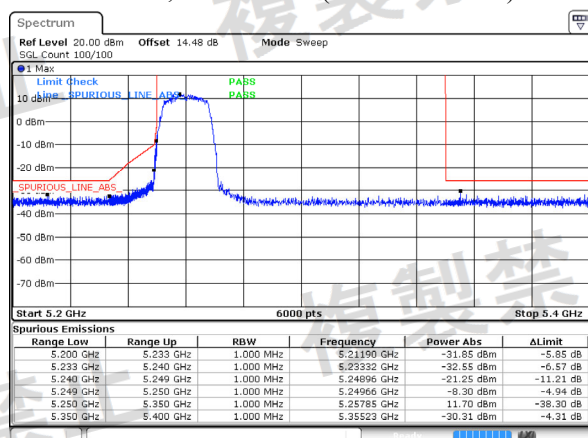
ProjectNo: RKSA260304001 Tester:Neil Zhou
Date: 20 MAR 2026 14:25:25

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



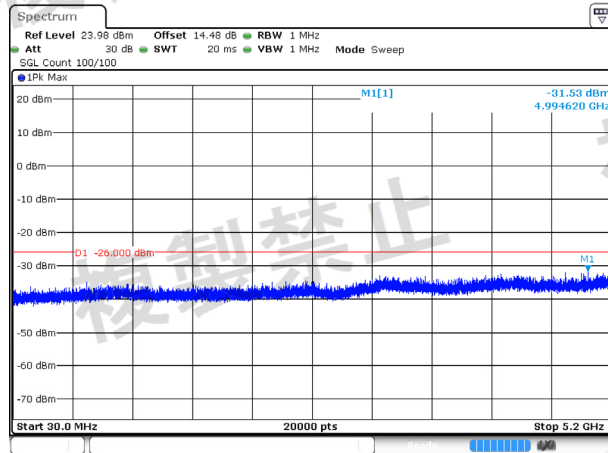
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Date: 20 MAR 2026 14:26:04

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



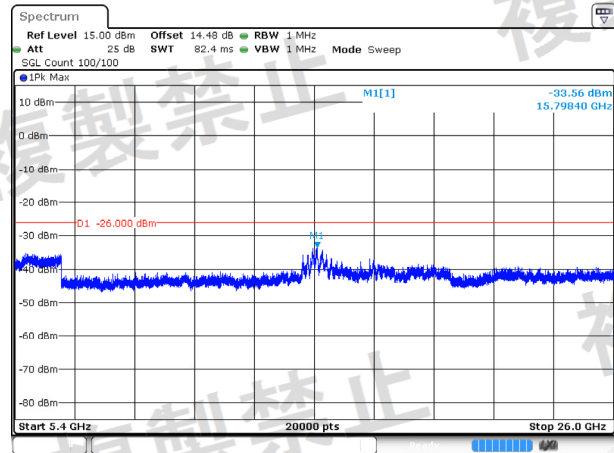
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Date: 20 MAR 2026 14:38:37

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



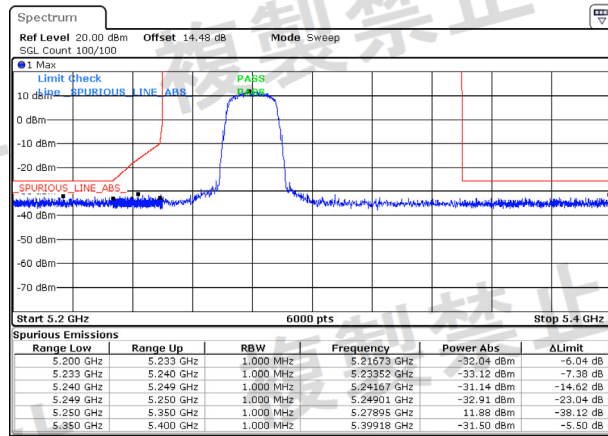
ProjectNo. RKSA260304001 Tester: Neil Zhou
Date: 20. MAR. 2026 14:29:30

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



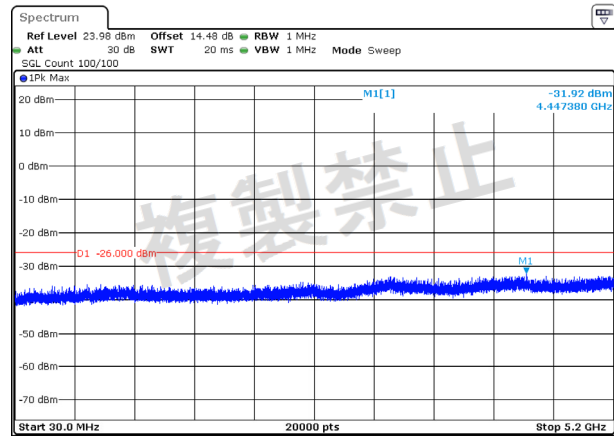
ProjectNo. RKSA260304001 Tester: Neil Zhou
Date: 20. MAR. 2026 14:30:09

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



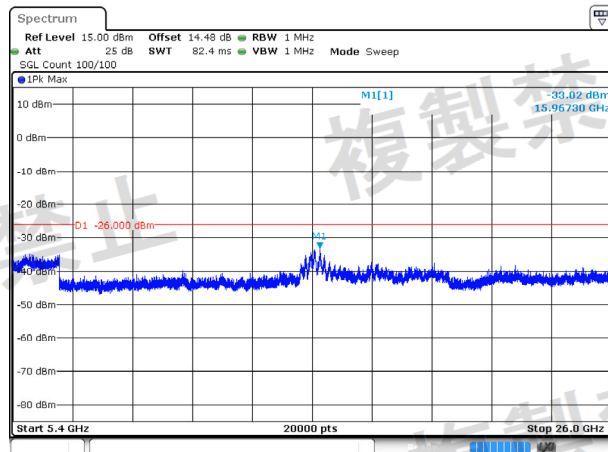
ProjectNo. RKSA260304001 Tester: Neil Zhou
Date: 20. MAR. 2026 14:42:10

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



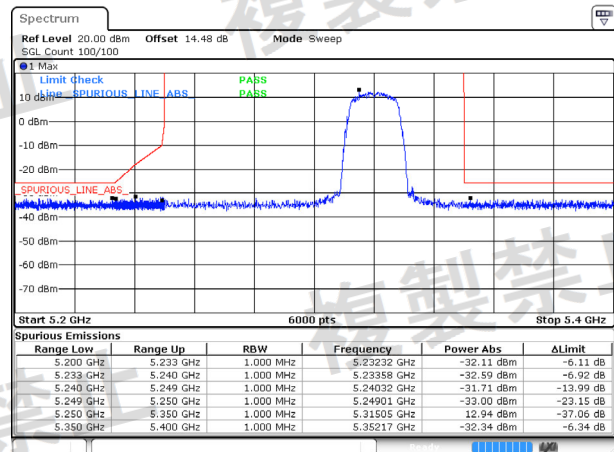
ProjectNo. RKSA260304001 Tester: Neil Zhou
Date: 20. MAR. 2026 14:34:35

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



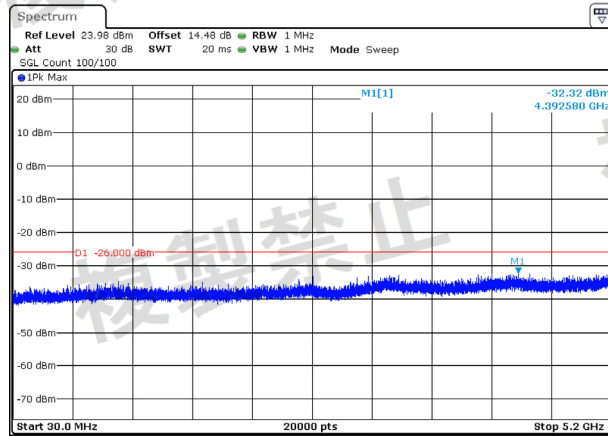
ProjectNo. RKSA260304001 Tester: Neil Zhou
Date: 20. MAR. 2026 14:35:14

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



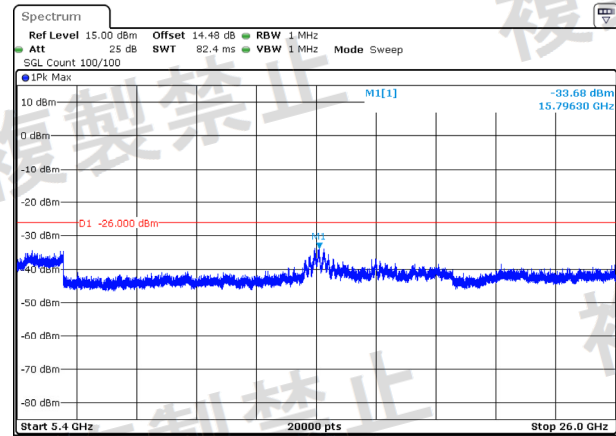
ProjectNo. RKSA260304001 Tester: Neil Zhou
Date: 20. MAR. 2026 14:35:55

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



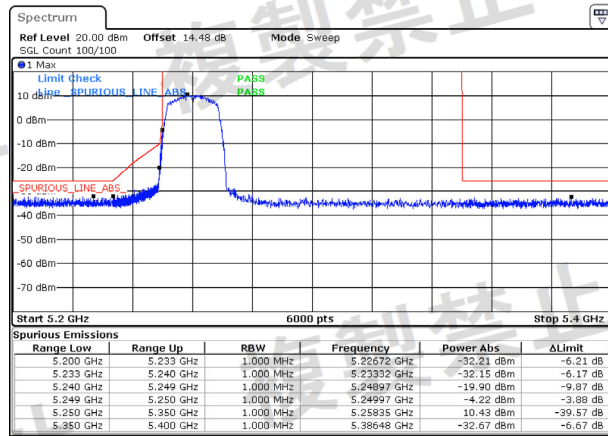
ProjectNo. RKSA260304001 Tester: Neil Zhou
Date: 20. MAR. 2026 14:55:41

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



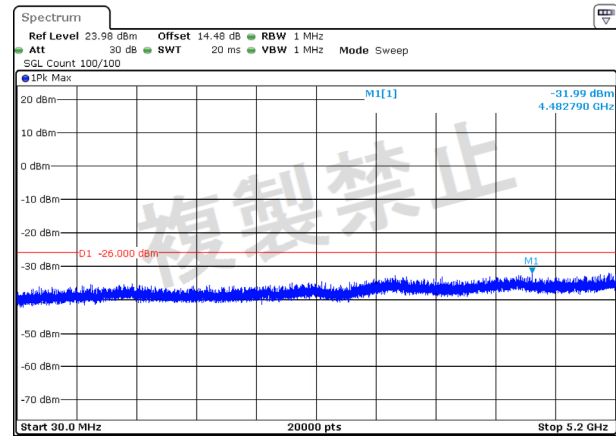
ProjectNo. RKSA260304001 Tester: Neil Zhou
Date: 20. MAR. 2026 14:56:20

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



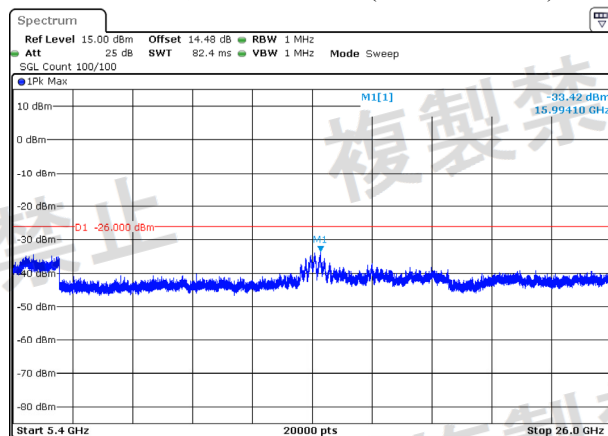
ProjectNo. RKSA260304001 Tester: Neil Zhou
Date: 20. MAR. 2026 14:57:26

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



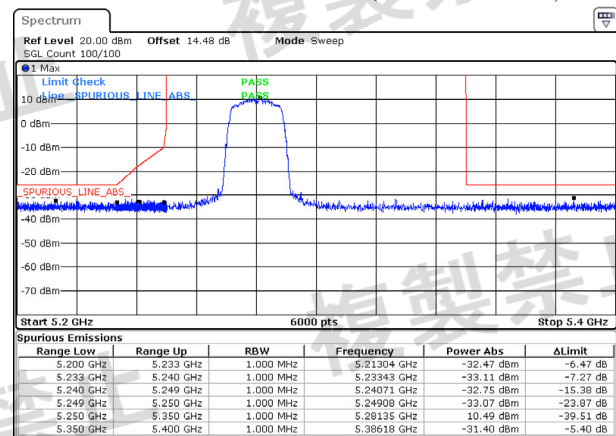
ProjectNo. RKSA260304001 Tester: Neil Zhou
Date: 20. MAR. 2026 14:59:26

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



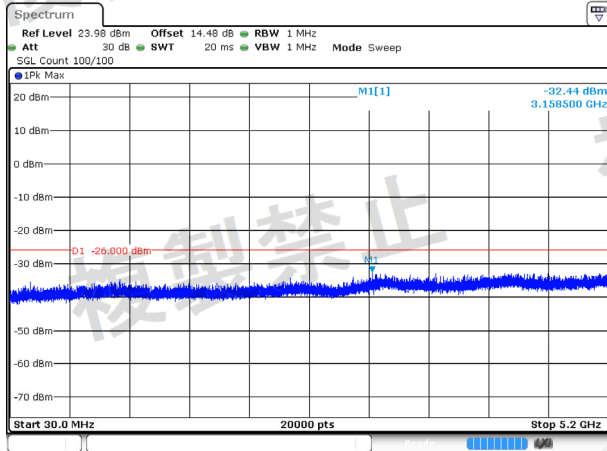
ProjectNo. RKSA260304001 Tester: Neil Zhou
Date: 20. MAR. 2026 15:00:05

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



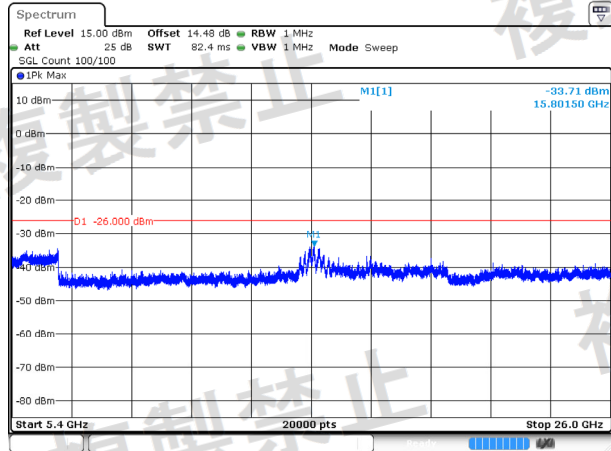
ProjectNo. RKSA260304001 Tester: Neil Zhou
Date: 20. MAR. 2026 15:01:06

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



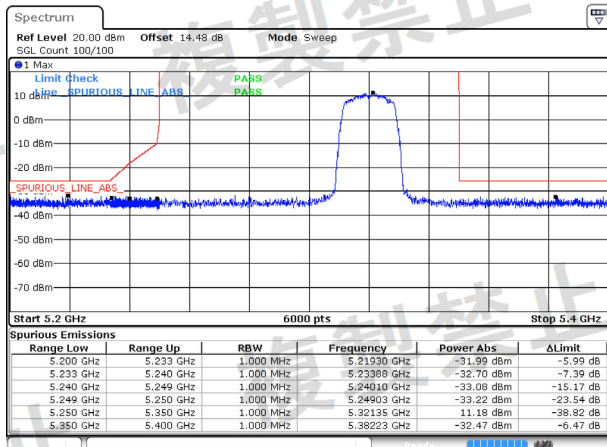
ProjectNo. RKSA260304001 Tester: Neil Zhou
Date: 20. MAR 2026 15:03:18

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



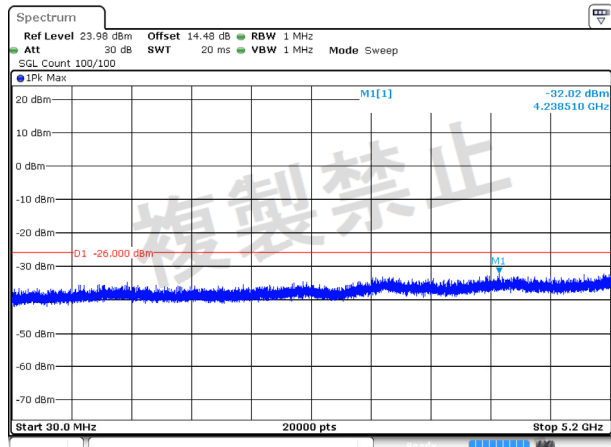
ProjectNo. RKSA260304001 Tester: Neil Zhou
Date: 20. MAR 2026 15:03:56

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



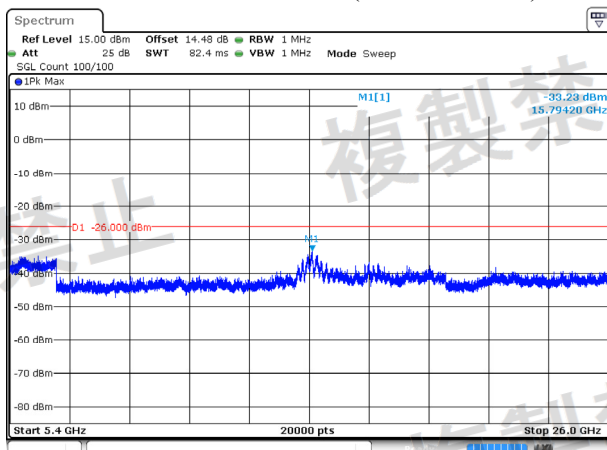
ProjectNo. RKSA260304001 Tester: Neil Zhou
Date: 20. MAR 2026 15:05:23

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



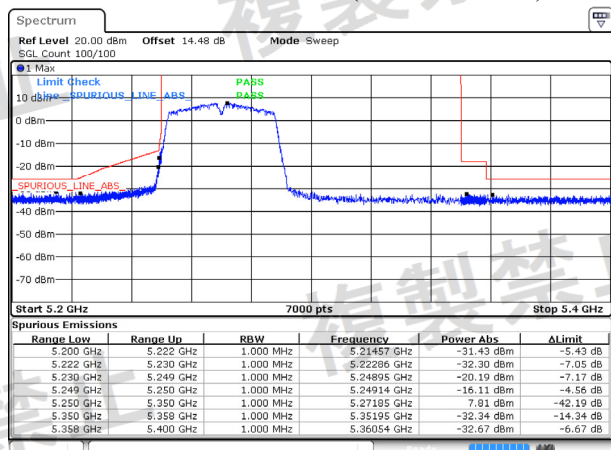
ProjectNo. RKSA260304001 Tester: Neil Zhou
Date: 20. MAR 2026 15:10:14

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



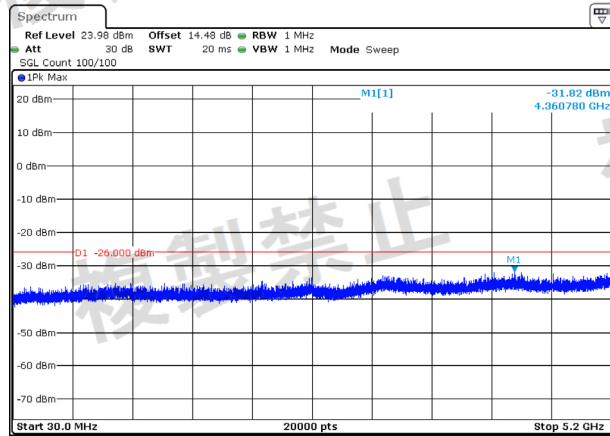
ProjectNo. RKSA260304001 Tester: Neil Zhou
Date: 20. MAR 2026 15:10:53

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



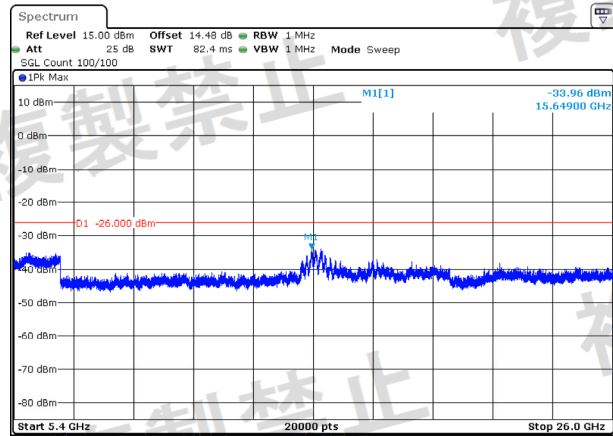
ProjectNo. RKSA260304001 Tester: Neil Zhou
Date: 20. MAR 2026 15:11:46

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



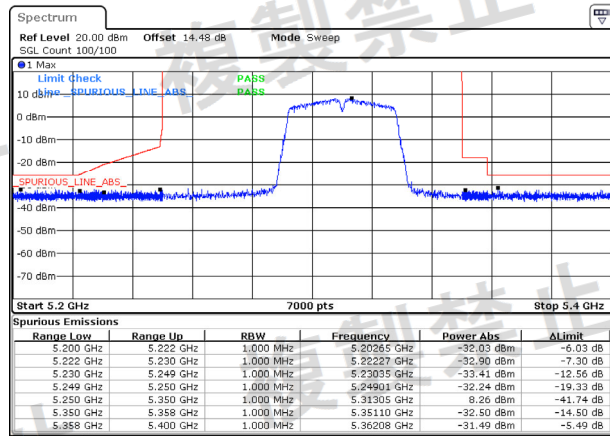
ProjectNo. RKSA260304001 Tester: Neil Zhou
Date: 20. MAR.2026 15.16.23

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



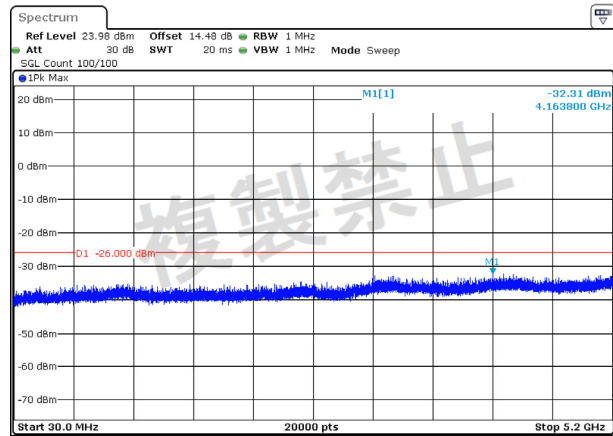
ProjectNo. RKSA260304001 Tester: Neil Zhou
Date: 20. MAR.2026 15.17.02

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



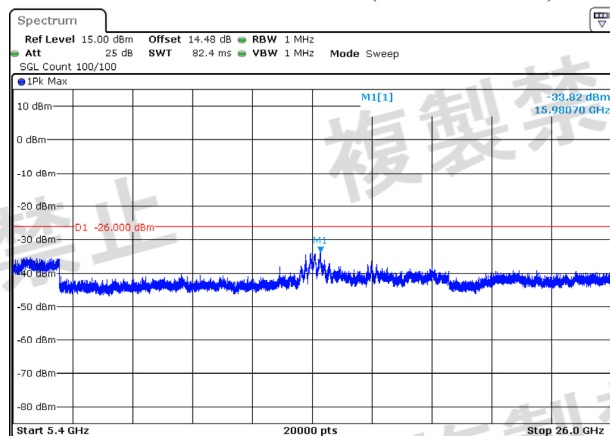
ProjectNo. RKSA260304001 Tester: Neil Zhou
Date: 20. MAR.2026 15.17.46

802.11ac80, Middle Channel(30MHz~5.2GHz)



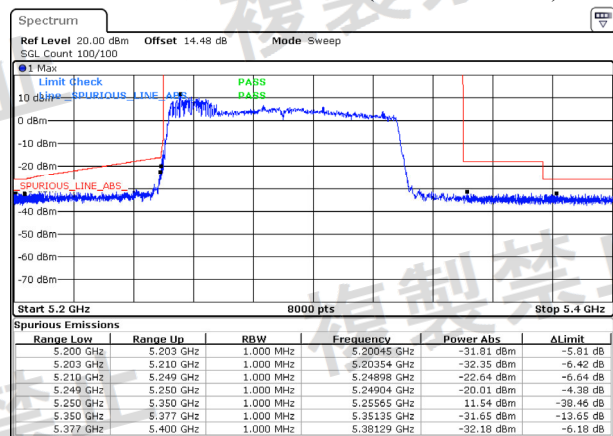
ProjectNo. RKSA260304001 Tester: Neil Zhou
Date: 20. MAR.2026 15.24.42

802.11ac80, Middle Channel(5.4GHz~26GHz)



ProjectNo. RKSA260304001 Tester: Neil Zhou
Date: 20. MAR.2026 15.25.21

802.11ac80, Middle Channel(5.2GHz~5.4GHz)



ProjectNo. RKSA260304001 Tester: Neil Zhou
Date: 20. MAR.2026 15.26.27

5470~5730MHz
Chain 0

Mode	Channel	Test Band (RBW)	Measurement		Limit
			Frequency (MHz)	Reading (dBm/MHz)	
802.11a	Low Channel	30MHz~5300MHz	5170.75	-31.97	-26dBm/MHz (2.5 μ W/MHz)
		5300MHz~5460MHz	5459.28	-31.48	-26dBm/MHz (2.5 μ W/MHz)
		5460MHz~5470MHz	5469.79	-27.68	-19dBm/MHz (12.5 μ W/MHz)
		5745MHz~5765MHz	5746.12	-30.69	-19dBm/MHz (12.5 μ W/MHz)
		5765MHz~5900MHz	5873.61	-30.2	-26dBm/MHz (2.5 μ W/MHz)
		5900MHz~26000MHz	15974.6	-33.14	-26dBm/MHz (2.5 μ W/MHz)
	Middle Channel	30MHz~5300MHz	5185.51	-31.52	-26dBm/MHz (2.5 μ W/MHz)
		5300MHz~5460MHz	5430.32	-31.81	-26dBm/MHz (2.5 μ W/MHz)
		5460MHz~5470MHz	5465.27	-31.71	-19dBm/MHz (12.5 μ W/MHz)
		5745MHz~5765MHz	5756.92	-30.87	-19dBm/MHz (12.5 μ W/MHz)
		5765MHz~5900MHz	5857	-30.16	-26dBm/MHz (2.5 μ W/MHz)
		5900MHz~26000MHz	15644	-33.98	-26dBm/MHz (2.5 μ W/MHz)
	High Channel	30MHz~5300MHz	4320.97	-31.48	-26dBm/MHz (2.5 μ W/MHz)
		5300MHz~5460MHz	5415.44	-32.88	-26dBm/MHz (2.5 μ W/MHz)
		5460MHz~5470MHz	5460.73	-32.27	-19dBm/MHz (12.5 μ W/MHz)
		5745MHz~5765MHz	5745.04	-24.55	-19dBm/MHz (12.5 μ W/MHz)
		5765MHz~5900MHz	5848.9	-29.59	-26dBm/MHz (2.5 μ W/MHz)
		5900MHz~26000MHz	15766.6	-34.18	-26dBm/MHz (2.5 μ W/MHz)

Chain 1

Mode	Channel	Test Band (RBW)	Measurement		Limit
			Frequency (MHz)	Reading (dBm/MHz)	
802.11a	Low Channel	30MHz~5300MHz	3302.27	-31.95	-26dBm/MHz (2.5 µW/MHz)
		5300MHz~5460MHz	5322.64	-30.73	-26dBm/MHz (2.5 µW/MHz)
		5460MHz~5470MHz	5469.84	-26.56	-19dBm/MHz (12.5 µW/MHz)
		5745MHz~5765MHz	5754.98	-30.69	-19dBm/MHz (12.5 µW/MHz)
		5765MHz~5900MHz	5897.5	-30.23	-26dBm/MHz (2.5 µW/MHz)
		5900MHz~26000MHz	15788.7	-33.37	-26dBm/MHz (2.5 µW/MHz)
	Middle Channel	30MHz~5300MHz	5265.35	-32.16	-26dBm/MHz (2.5 µW/MHz)
		5300MHz~5460MHz	5384.24	-32.37	-26dBm/MHz (2.5 µW/MHz)
		5460MHz~5470MHz	5467.21	-31.21	-19dBm/MHz (12.5 µW/MHz)
		5745MHz~5765MHz	5756.13	-29.75	-19dBm/MHz (12.5 µW/MHz)
		5765MHz~5900MHz	5891.43	-29.79	-26dBm/MHz (2.5 µW/MHz)
		5900MHz~26000MHz	15642	-34.14	-26dBm/MHz (2.5 µW/MHz)
	High Channel	30MHz~5300MHz	5134.65	-32.13	-26dBm/MHz (2.5 µW/MHz)
		5300MHz~5460MHz	5458.96	-31.82	-26dBm/MHz (2.5 µW/MHz)
		5460MHz~5470MHz	5464.76	-32.52	-19dBm/MHz (12.5 µW/MHz)
		5745MHz~5765MHz	5745.74	-23.98	-19dBm/MHz (12.5 µW/MHz)
		5765MHz~5900MHz	5891.02	-29.38	-26dBm/MHz (2.5 µW/MHz)
		5900MHz~26000MHz	15779.7	-32.89	-26dBm/MHz (2.5 µW/MHz)

mode	Channel	Antenna	Test Band (RBW)	Measurements		Limit
				Frequency	EIRP	
				(MHz)	(dBm/MHz)	
802.11ac20	Lowest Channel	Chain0	30MHz~5300MHz	5222.66	-32.36	-26dBm/MHz (2.5 μ W/MHz)
		Chain1	30MHz~5300MHz	4357.07	-32.54	-26dBm/MHz (2.5 μ W/MHz)
		Chain0+1	30MHz~5300MHz	/	-29.44	-26dBm/MHz (2.5 μ W/MHz)
		Chain0	5300MHz~5460MHz	5458.96	-32.03	-26dBm/MHz (2.5 μ W/MHz)
		Chain1	5300MHz~5460MHz	5355.12	-32.23	-26dBm/MHz (2.5 μ W/MHz)
		Chain0+1	5300MHz~5460MHz	/	-29.12	-26dBm/MHz (2.5 μ W/MHz)
		Chain0	5460MHz~5470MHz	5469.51	-27.49	-19dBm/MHz (12.5 μ W/MHz)
		Chain1	5460MHz~5470MHz	5467.91	-24.43	-19dBm/MHz (12.5 μ W/MHz)
		Chain0+1	5460MHz~5470MHz	/	-22.69	-19dBm/MHz (12.5 μ W/MHz)
		Chain0	5745MHz~5765MHz	5764.51	-30.61	-19dBm/MHz (12.5 μ W/MHz)
		Chain1	5745MHz~5765MHz	5763.06	-30.32	-19dBm/MHz (12.5 μ W/MHz)

802.11ac20	Lowest Channel	Chain0+1	5745MHz~5765MHz	/	-27.45	-19dBm/MHz (12.5 μ W/MHz)
		Chain0	5765MHz~5900MHz	5778.43	-30.12	-26dBm/MHz (2.5 μ W/MHz)
		Chain1	5765MHz~5900MHz	5883.33	-29.49	-26dBm/MHz (2.5 μ W/MHz)
		Chain0+1	5765MHz~5900MHz	/	-26.78	-26dBm/MHz (2.5 μ W/MHz)
		Chain0	5900MHz~26000MHz	6361.8	-34.31	-26dBm/MHz (2.5 μ W/MHz)
		Chain1	5900MHz~26000MHz	15788.7	-33.77	-26dBm/MHz (2.5 μ W/MHz)
	Middle Channel	Chain0+1	5900MHz~26000MHz	/	-31.02	-26dBm/MHz (2.5 μ W/MHz)
		Chain0	30MHz~5300MHz	4357.33	-31.87	-26dBm/MHz (2.5 μ W/MHz)
		Chain1	30MHz~5300MHz	4146.27	-32.41	-26dBm/MHz (2.5 μ W/MHz)
		Chain0+1	30MHz~5300MHz	/	-29.12	-26dBm/MHz (2.5 μ W/MHz)
		Chain0	5300MHz~5460MHz	5399.44	-31.82	-26dBm/MHz (2.5 μ W/MHz)
		Chain1	5300MHz~5460MHz	5370.96	-31.74	-26dBm/MHz (2.5 μ W/MHz)
		Chain0+1	5300MHz~5460MHz	/	-28.77	-26dBm/MHz (2.5 μ W/MHz)

802.11ac20	Middle Channel	Chain0	5460MHz~5470MHz	5462.5	-31.91	-19dBm/MHz (12.5 μ W/MHz)
		Chain1	5460MHz~5470MHz	5463.97	-31.46	-19dBm/MHz (12.5 μ W/MHz)
		Chain0+1	5460MHz~5470MHz	/	-28.67	-19dBm/MHz (12.5 μ W/MHz)
		Chain0	5745MHz~5765MHz	5759.9	-30.58	-19dBm/MHz (12.5 μ W/MHz)
		Chain1	5745MHz~5765MHz	5761.85	-29.64	-19dBm/MHz (12.5 μ W/MHz)
		Chain0+1	5745MHz~5765MHz	/	-27.07	-19dBm/MHz (12.5 μ W/MHz)
		Chain0	5765MHz~5900MHz	5816.77	-30.78	-26dBm/MHz (2.5 μ W/MHz)
		Chain1	5765MHz~5900MHz	5818.26	-29.77	-26dBm/MHz (2.5 μ W/MHz)
		Chain0+1	5765MHz~5900MHz	/	-27.24	-26dBm/MHz (2.5 μ W/MHz)
		Chain0	5900MHz~26000MHz	15782.7	-33.51	-26dBm/MHz (2.5 μ W/MHz)
		Chain1	5900MHz~26000MHz	15775.6	-33.19	-26dBm/MHz (2.5 μ W/MHz)
		Chain0+1	5900MHz~26000MHz	/	-30.34	-26dBm/MHz (2.5 μ W/MHz)

802.11ac20	Highest Channel	Chain0	30MHz~5300MHz	5114.63	-32.58	-26dBm/MHz (2.5 μ W/MHz)
		Chain1	30MHz~5300MHz	4388.16	-31.94	-26dBm/MHz (2.5 μ W/MHz)
		Chain0+1	30MHz~5300MHz	/	-29.24	-26dBm/MHz (2.5 μ W/MHz)
		Chain0	5300MHz~5460MHz	5372.24	-31.44	-26dBm/MHz (2.5 μ W/MHz)
		Chain1	5300MHz~5460MHz	5423.92	-31.84	-26dBm/MHz (2.5 μ W/MHz)
		Chain0+1	5300MHz~5460MHz	/	-28.63	-26dBm/MHz (2.5 μ W/MHz)
		Chain0	5460MHz~5470MHz	5466.91	-32.63	-19dBm/MHz (12.5 μ W/MHz)
		Chain1	5460MHz~5470MHz	5464.63	-31.35	-19dBm/MHz (12.5 μ W/MHz)
		Chain0+1	5460MHz~5470MHz	/	-28.93	-19dBm/MHz (12.5 μ W/MHz)
		Chain0	5745MHz~5765MHz	5746.53	-23.82	-19dBm/MHz (12.5 μ W/MHz)
		Chain1	5745MHz~5765MHz	5746.68	-26.39	-19dBm/MHz (12.5 μ W/MHz)
		Chain0+1	5745MHz~5765MHz	/	-21.91	-19dBm/MHz (12.5 μ W/MHz)
		Chain0	5765MHz~5900MHz	5869.29	-30.39	-26dBm/MHz (2.5 μ W/MHz)

802.11ac20	Highest Channel	Chain1	5765MHz~5900MHz	5818.66	-30.09	-26dBm/MHz (2.5 μ W/MHz)
		Chain0+1	5765MHz~5900MHz	/	-27.23	-26dBm/MHz (2.5 μ W/MHz)
		Chain0	5900MHz~26000MHz	15769.6	-34.22	-26dBm/MHz (2.5 μ W/MHz)
		Chain1	5900MHz~26000MHz	15788.7	-33.29	-26dBm/MHz (2.5 μ W/MHz)
		Chain0+1	5900MHz~26000MHz	/	-30.72	-26dBm/MHz (2.5 μ W/MHz)