

JAPAN MIC

TEST REPORT

For

Feitian Japan Co., Ltd.

4F/7F, TOWER, CANAL, 9-3, Nihombashikoamicho, Chuo Ku, Tokyo To, 103-0016, Japan

Tested Model: F77

Report Type:
Original Report

Product Name:
Pay BOX

Report Number: RKSA260113001-24B

Report Date: 2026-04-08

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REPORT REVISION HISTORY

Number of Revisions	Report No.	Version	Issue Date	Description
0	RKSA260113001-24B	R1V1	2026-04-08	Initial Release

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

Applicant:	Feitian Japan Co., Ltd.
Tested Model:	F77
Product Name:	Pay BOX
Power Supply:	DC 12V from adapter
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: 1.5mW/MHz 802.11n20: 2.5mW/MHz 802.11n40: 1.5mW/MHz 802.11ac20: 2.0mW/MHz 802.11ax20: 1.0mW/MHz B2: 5250-5350 MHz 802.11a: 1.5mW/MHz 802.11n20: 1.2mW/MHz 802.11n40: 1.0mW/MHz 802.11ac20: 1.0mW/MHz 802.11ax20: 0.5mW/MHz B3: 5470-5730 MHz 802.11a: 4.0mW/MHz 802.11n20: 4.5mW/MHz 802.11n40: 2.5mW/MHz 802.11ac20: 4.8mW/MHz 802.11ax20: 4.0mW/MHz
Channel Number:	5G Wi-Fi B1:6, B2:6, B3: 18
Channel Separation:	802.11a/n20/ac20/ax20: 20 MHz; 802.11n40: 40 MHz
Modulation Type:	OFDM, OFDMA
★Maximum Antenna Gain:	Antenna 1 B1: 2.23 dBi; B2: 2.40 dBi; B3: 2.75 dBi Antenna 2 B1: -3.15 dBi; B2: -1.95 dBi; B3: -1.81 dBi Antenna 3 B1: -11.57 dBi; B2: -11.39 dBi; B3: -13.53 dBi

*Adapter Information:**Model: AD-AKA120P200**Input: AC100-240V, 50/60Hz, 49-67VA**Output: DC12.0V, 2.0A*

Note:

1. The maximum antenna gain was provided by the manufacturer.

2. The EUT is equipped with three types of antennas: model FX-2.4G-5G-2DB-SMA-J, 79300036 and 79300037, the detailed information of is as below:

Item	Model	Max. Antenna Gain(dBi)	Antenna Type
Antenna 1	FX-2.4G-5G-2DB-SMA-J	B1: 2.23 dBi B2: 2.40 dBi B3: 2.75 dBi	Monopole Antenna
Antenna 2	79300036	B1: -3.15 dBi B2: -1.95 dBi B3: -1.81 dBi	Monopole Antenna
Antenna 3	79300037	B1: -11.57 dBi B2: -11.39 dBi B3: -13.53 dBi	Monopole Antenna

All measurement and test data in this report was gathered from production sample serial number: RKSA260113001-1 (Assigned by the BACL (Kunshan). The EUT supplied by the applicant was received on 2026-01-13.)

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/ax20.

For **5150~5250 MHz** band:

802.11a/n20/ac20/ax20 mode Channel 36, 40, 48 were tested.

802.11n40 mode Channel 38, 46 were tested.

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

For **5250~5350 MHz** band:

802.11a/n20/ac20/ax20 mode Channel 52, 56, 64 were tested.

802.11n40 mode Channel 54, 62 were tested.

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

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.

For **5470~5730 MHz** band

802.11a/n20/ac20/ax20 mode Channel 100, 120, 144 were tested.

802.11n40 mode Channel 102,118, 142 were tested.

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

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)	High Voltage (V)	Low Voltage (V)
Input AC Power	100	110	90
Input IC Power	3.3	3.3	3.3
Voltage Variation (%)	/	0	0

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: ESP_RF_Test_Tool

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

5150-5250 MHz:

Mode	Data Rate	Frequency (MHz)	★Power Level Setting
802.11a	6 Mbps	5180	10
		5200	10
		5240	10
802.11n20	MCS0	5180	10
		5200	10
		5240	10
802.11n40	MCS0	5190	8
		5230	8
802.11ac20	MCS0	5180	10
		5200	10
		5240	10
802.11ax20	MCS0	5180	16
		5200	16
		5240	16

5250-5350 MHz:

Mode	Data Rate	Frequency (MHz)	★Power Level Setting
802.11a	6 Mbps	5260	4
		5280	4
		5320	4
802.11n20	MCS0	5260	8
		5280	8
		5320	8
802.11n40	MCS0	5270	4
		5310	4
802.11ac20	MCS0	5260	8
		5280	8
		5320	8
802.11ax20	MCS0	5260	24
		5280	24
		5320	24

5470-5730 MHz:

Mode	Data Rate	Frequency (MHz)	★Power Level Setting
802.11a	6 Mbps	5500	0
		5600	0
		5720	0
802.11n20	MCS0	5500	0
		5600	0
		5720	0
802.11n40	MCS0	5510	0
		5590	0
		5710	0
802.11ac20	MCS0	5500	0
		5600	0
		5720	0
802.11ax20	MCS0	5500	0
		5600	0
		5720	0

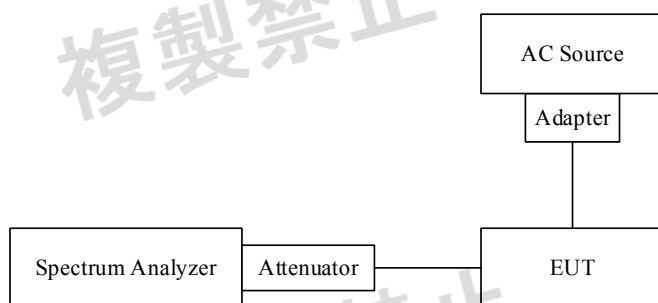
Note: The power level was declared by the applicant. 802.11ax mode only support full RU.

Support Equipment List and Details

Manufacturer	Description	Model	Serial Number
ShunHong	Power Transformer	SHJZ-2000VA	/

External I/O Cable

Cable Description	Length (m)	From Port	To Port
RF Cable	0.3	Attenuator	EUT
Power Cable	1.5	EUT	Adapter

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	FSV 40-N	103298	2025-04-08	2026-04-07	BACL Cal	c)
Rohde & Schwarz	Signal Analyzer	FSU26	200103	2025-04-09	2026-04-08	BACL Cal	c)
Rohde & Schwarz	Signal Analyzer	FSV40	101116	2025-04-09	2026-04-08	BACL Cal	c)
Narda	Attenuator	20dB	20dB-02	2025-04-09	2026-04-08	BACL Cal	c)
Narda	Attenuator	10dB	10dB-01	2025-04-08	2026-04-07	BACL Cal	c)
Tonscend Corporation	RF Control Unit	JS0806-2	JS0806001	2025-04-09	2026-04-08	BACL Cal	c)
Rohde & Schwarz	SMB 100A Signal Generator	SMB100A	110390	2025-04-09	2026-04-08	BACL Cal	c)
MACOM	Power Splitter	2090-6214-00	96341	2025-04-09	2026-04-08	BACL Cal	c)
Rohde & Schwarz	Wideband Radio Communication Tester	CMW500	143015	2025-04-09	2026-04-08	BACL Cal	c)
Fluke	Digital Multimeter	15B+	45401661WS	2025-04-09	2026-04-08	BACL Cal	c)
Rohde & Schwarz	Spectrum Analyzer	FSU26	200103	2025-04-09	2026-04-08	BACL Cal	c)
ShunHong	Power Transformer	SHJZ-2000VA	ShunHong	N/A	N/A	N/A	N/A
FLUKE	Multimeter	12E+	28821029WS	2025-04-08	2026-04-07	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)

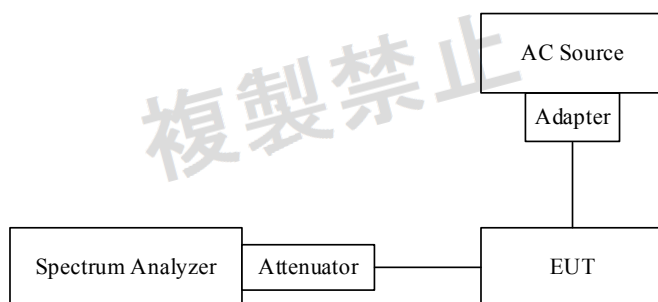
FREQUENCY TOLERANCE

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

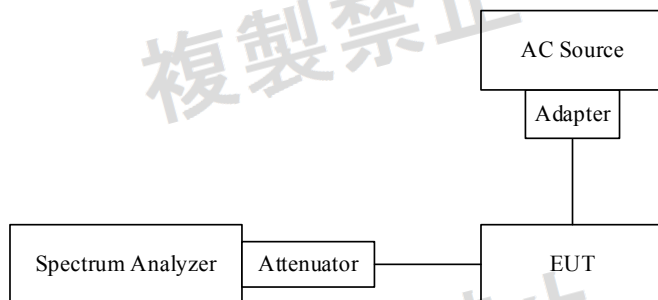
OCCUPIED BANDWIDTH

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/n20/ac20	30 MHz~5142 MHz limit $\leq 2.5 \mu\text{W}/\text{MHz}$ (-26 dBm/MHz)
		5142 MHz~5150 MHz limit $\leq 15 \mu\text{W}/\text{MHz}$ (-18.24 dBm/MHz)
		5250 MHz~5251 MHz limit $\leq 10^{1-(f-9)} \text{ mW}/\text{MHz}$
		5251 MHz~5260 MHz limit $\leq 10^{-1-(8/90)(f-11)} \text{ mW}/\text{MHz}$
		5260 MHz~5266.7 MHz limit $\leq 10^{-1.8-(6/50)(f-20)} \text{ mW}/\text{MHz}$
		5266.7 MHz~26000 MHz Limit $\leq 2.5 \mu\text{W}/\text{MHz}$ (-26 dBm/MHz)
	802.11n40	30 MHz ~5141.6 MHz limit $\leq 2.5 \mu\text{W}/\text{MHz}$ (-26 dBm/MHz)
		5141.6 MHz~5150 MHz limit $\leq 15 \mu\text{W}/\text{MHz}$ (-18.24 dBm/MHz)
		5250 MHz~5251 MHz limit $\leq 10^{-(f-20)+\log(1/2)} \text{ mW}/\text{MHz}$
		5251 MHz~5270 MHz limit $\leq 10^{-(8/190)(f-21)-1+\log(1/2)} \text{ mW}/\text{MHz}$
		5270MHz~5278.4 MHz limit $\leq 10^{-(3/50)(f-40)-1.8+\log(1/2)} \text{ mW}/\text{MHz}$
		5278.4 MHz~26000 MHz limit $\leq 2.5 \mu\text{W}/\text{MHz}$ (-26 dBm/MHz)
	802.11ax20	30 MHz~5142 MHz limit $\leq 2.5 \mu\text{W}/\text{MHz}$ (-26 dBm/MHz)
		5142 MHz~5150 MHz limit $\leq 15 \mu\text{W}/\text{MHz}$ (-18.24 dBm/MHz)
		5250 MHz~5250.2 MHz limit $\leq 10^{1-(8/3)(f-9.75)} \text{ mW}/\text{MHz}$
		5250.2 MHz~5251 MHz limit $\leq 10^{1-(f-9)} \text{ mW}/\text{MHz}$
		5251 MHz~5260 MHz limit $\leq 10^{-1-(8/90)(f-11)} \text{ mW}/\text{MHz}$
		5260 MHz~5266.7 MHz limit $\leq 10^{-1.8-(6/50)(f-20)} \text{ mW}/\text{MHz}$
		5266.7 MHz~26000 MHz Limit $\leq 2.5 \mu\text{W}/\text{MHz}$ (-26 dBm/MHz)

Note:

For 802.11a/ac20/ax20, f=MHz, Difference from 5240(MHz)

For 802.11n40, f=MHz, Difference from 5230(MHz)

5250~5350 MHz

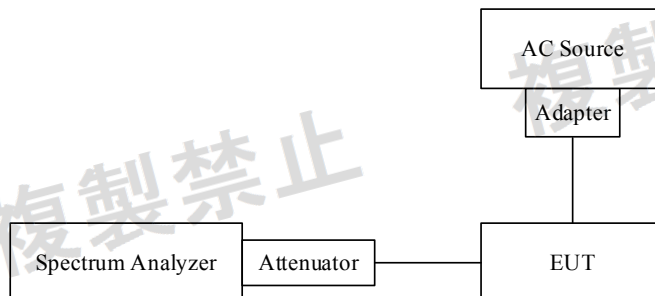
Manufacturer	Mode	Description
TX spurious emission	802.11a/n20/ac20	30 MHz~5233.3 MHz limit $\leq 2.5 \mu\text{W}/\text{MHz}(-26\text{dBm}/\text{MHz})$
		5233.3 MHz~5240 MHz limit $\leq 10^{-1.8-(6/50)(f-20)} \text{mW}/\text{MHz}$
		5240 MHz~5249 MHz limit $\leq 10^{-1-(8/90)(f-11)} \text{mW}/\text{MHz}$
		5249 MHz~5250 MHz limit $\leq 10^{1-(f-9)} \text{mW}/\text{MHz}$
		5350 MHz~26000 MHz Limit $\leq 2.5 \mu\text{W}/\text{MHz}(-26 \text{ dBm}/\text{MHz})$
	802.11n40	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 $\leq 2.5 \mu\text{W}/\text{MHz}(-26 \text{ dBm}/\text{MHz})$
	802.11ax20	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~5249.8 MHz limit $\leq 10^{1-(f-9)} \text{mW}/\text{MHz}$
		5249.8 MHz~5250 MHz limit $\leq 10^{-1-(8/3)(f-9.75)} \text{mW}/\text{MHz}$
		5350 MHz~26000 MHz Limit $\leq 2.5 \mu\text{W}/\text{MHz}(-26 \text{ dBm}/\text{MHz})$

Note: For 802.11a/ac20/ax20, f=MHz, Difference from 5260(MHz)

For 802.11n40, f=MHz, Difference from 5270(MHz)

5470~5730MHz

Manufacturer	Mode	Description
TX spurious emission	802.11a/n20/ac20/ax20	30 MHz~5460 MHz limit $\leq 2.5 \mu\text{W}/\text{MHz}$ (-26 dBm/MHz)
		5460 MHz~5470 MHz limit $\leq 12.5 \mu\text{W}/\text{MHz}$ (-19 dBm/MHz)
		5745 MHz~5765 MHz limit $\leq 12.5 \mu\text{W}/\text{MHz}$ (-19 dBm/MHz)
		5765 MHz~26000 MHz Limit $\leq 2.5 \mu\text{W}/\text{MHz}$ (-26 dBm/MHz)
	802.11n40	30 MHz ~5460 MHz limit $\leq 12.5 \mu\text{W}/\text{MHz}$ (-19 dBm/MHz)
		5460 MHz~5470 MHz limit $\leq 50 \mu\text{W}/\text{MHz}$ (-13.01 dBm/MHz)
		5770 MHz~26000 MHz limit $\leq 12.5 \mu\text{W}/\text{MHz}$ (-19 dBm/MHz)

Test Procedure**Measurement System Diagram**

Note: Offset (13.25dB/13.3dB) = Attenuator (10dB)+cable loss(0.5dB)+antenna gain(2.75dBi), the maximum antenna gain was adopted for the test.

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:

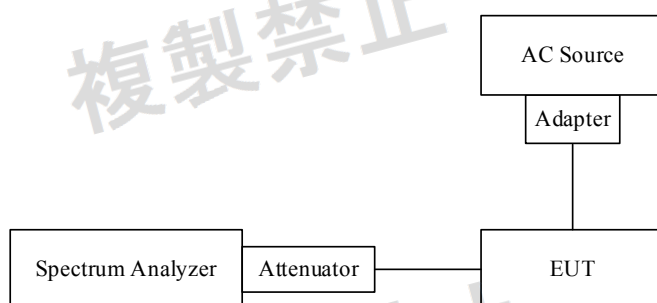
- Centre Frequency: The centre frequency of the channel under test.
- RBW: 1 MHz
- VBW: 1 MHz
- Span: Wide enough to cover the complete power envelope of the signal of the UUT.
- Detector: Peak.
- Trace Mode: Max Hold.

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	$\geq 25\text{dB}$ ($f_c \pm 80\text{MHz}$) Channel power bandwidth 80MHz
	$\geq 25\text{dB}$ ($f_c \pm 40\text{MHz}$) Channel power bandwidth 40MHz
	$\geq 40\text{dB}$ ($f_c \pm 80\text{MHz}$) Channel power bandwidth 40MHz
	$\geq 25\text{dB}$ ($f_c \pm 20\text{MHz}$) Channel power bandwidth 20MHz
	$\geq 40\text{dB}$ ($f_c \pm 40\text{MHz}$) Channel power bandwidth 20MHz
	$\geq 25\text{dB}$ ($f_c \pm 20\text{MHz}$) Channel power bandwidth 18MHz
	$\geq 40\text{dB}$ ($f_c \pm 40\text{MHz}$) 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

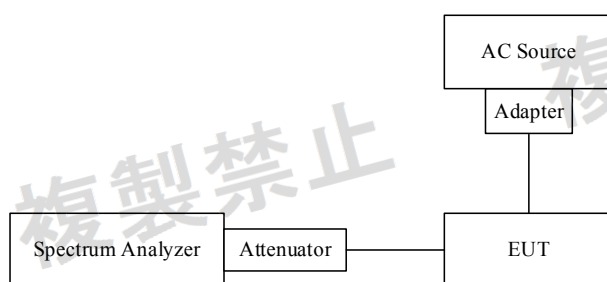
Limit

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

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

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

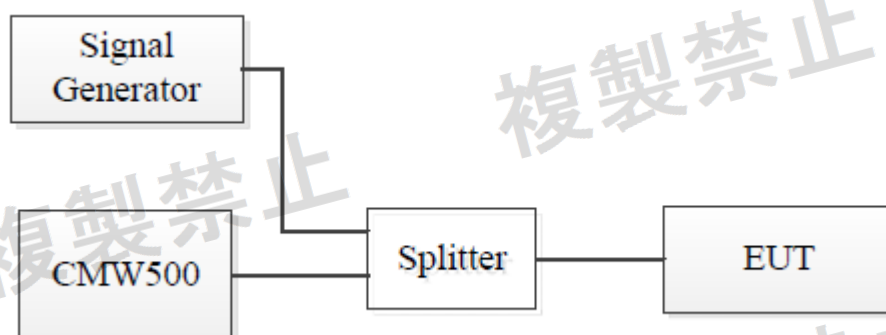
RADIO INTERFERENCE PREVENTION CAPABILITY

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 from 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 from 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:	2026-03-11
Temperature:	18.5°C
Relative Humidity:	54 %
ATM Pressure:	102.1 kPa
Test Result:	Pass
Test Engineer:	Neil Zhou

Test Result:

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:	D0:CF:13:EC:A2:98	/	/
Bits of ID Codes:	48bits	48 bits or more	Compliant

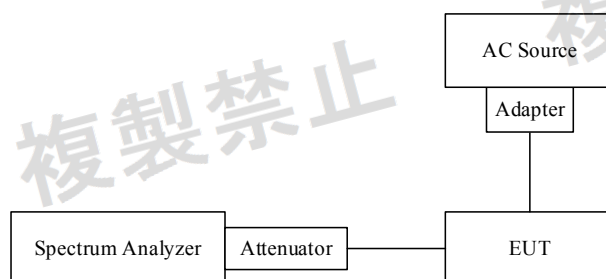
TRANSMISSION BURST LENGTH

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

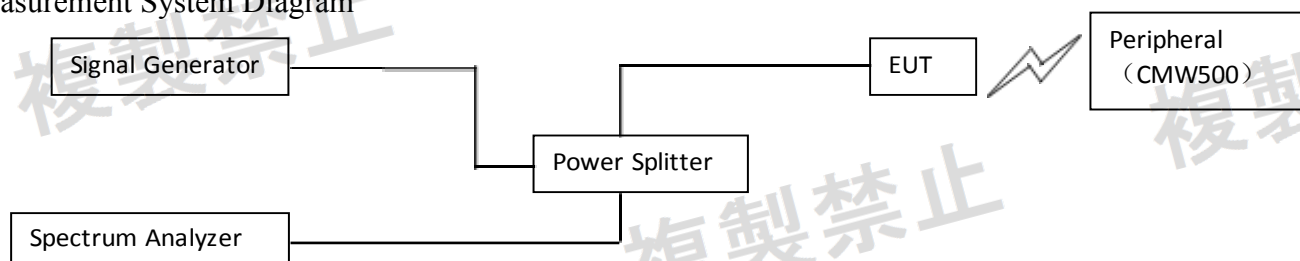
CARRIER SENSING FUNCTION

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 Date:	2026-03-11
Temperature:	18.5℃
Relative Humidity:	54 %
ATM Pressure:	102.1 kPa
Test Result:	Pass
Test Engineer:	Neil Zhou

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:

Test Data: See Appendix

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

Test Date:	2026-03-16
Temperature:	18.8℃
Relative Humidity:	51 %
ATM Pressure:	103.1 kPa
Test Result:	Pass
Test Engineer:	Neil Zhou

Test Mode: Transmitting Single Carrier

5150~5250MHz

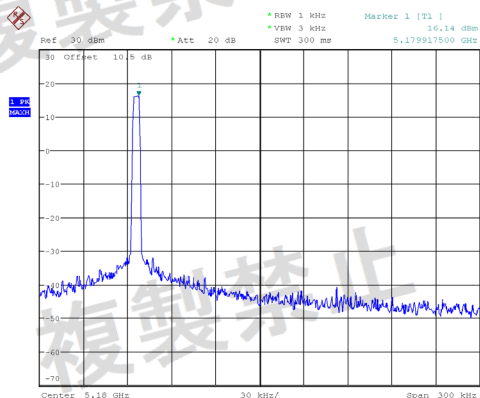
Frequency (MHz)	Measure Frequency (MHz)	Frequency Tolerance (ppm)	Limit (ppm)
5180	5179.91750	-15.93	±20
5190	5189.90190	-18.90	
5200	5199.91270	-16.79	
5230	5229.89950	-19.22	
5240	5239.90760	-17.63	

Note:

Frequency Tolerance = (Measure Frequency - Frequency)/Frequency*10⁶

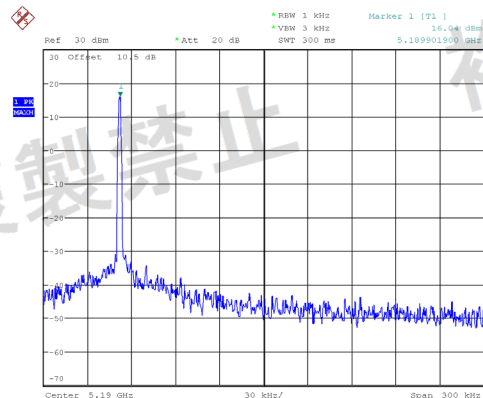
5150~5250MHz

5180MHz



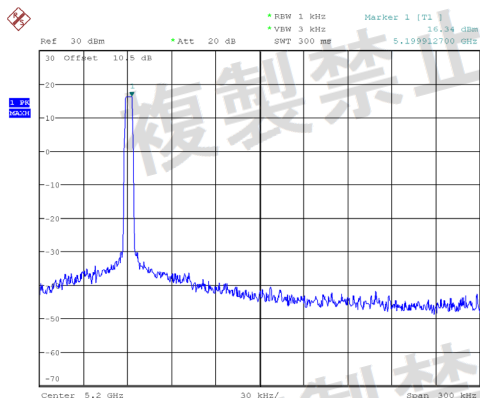
ProjectNo.:RKSA260113001 Tester:Neil Zhou
Date: 16.MAR.2026 14:49:09

5190MHz



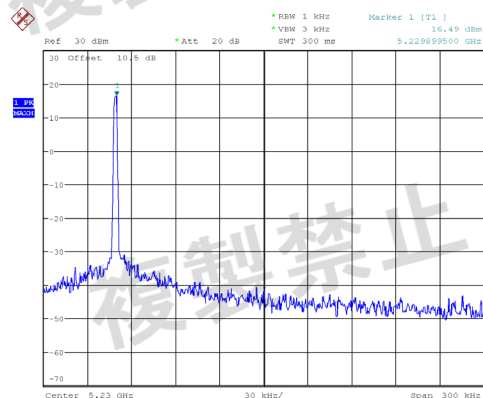
ProjectNo.:RKSA260113001 Tester:Neil Zhou
Date: 16.MAR.2026 14:52:35

5200MHz



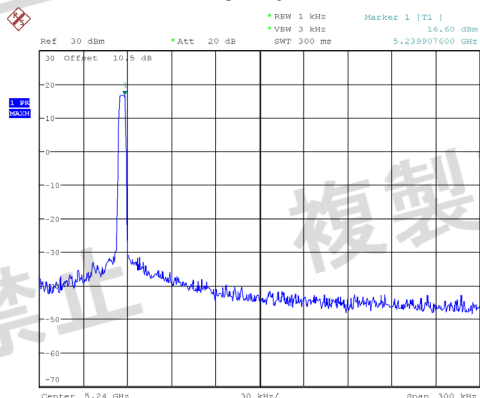
ProjectNo.:RKSA260113001 Tester:Neil Zhou
Date: 16.MAR.2026 14:50:21

5230MHz



ProjectNo.:RKSA260113001 Tester:Neil Zhou
Date: 16.MAR.2026 14:53:40

5240MHz



ProjectNo.:RKSA260113001 Tester:Neil Zhou
Date: 16.MAR.2026 14:51:04

5250~5350MHz

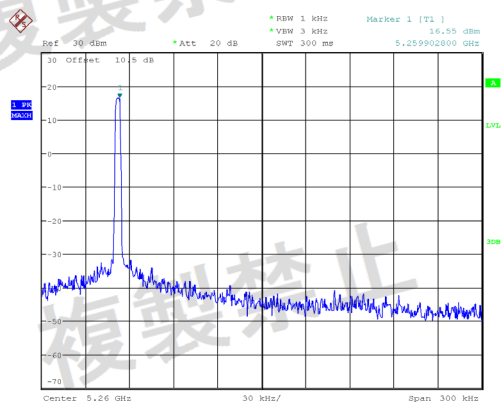
Frequency (MHz)	Measure Frequency (MHz)	Frequency Tolerance (ppm)	Limit (ppm)
5260	5259.90280	-18.48	±20
5270	5269.90040	-18.90	
5280	5279.92110	-14.94	
5310	5309.90760	-17.40	
5320	5319.90580	-17.71	

Note:

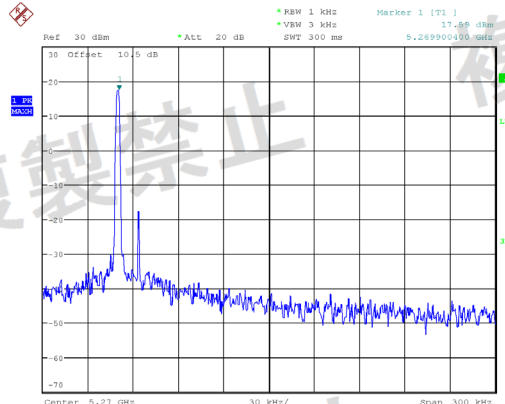
$$\text{Frequency Tolerance} = (\text{Measure Frequency} - \text{Frequency}) / \text{Frequency} * 10^6$$

5250~5350MHz

5260MHz



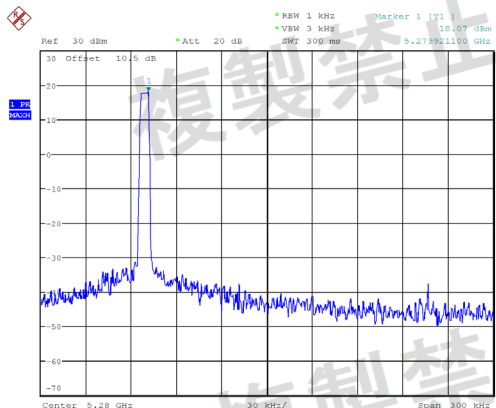
5270MHz



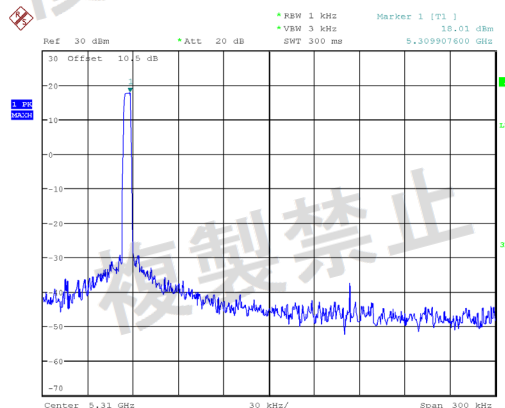
ProjectNo.:RKSA260113001 Tester:Neil Zhou
Date: 16.MAR.2026 14:54:36

ProjectNo.:RKSA260113001 Tester:Neil Zhou
Date: 16.MAR.2026 15:14:29

5280MHz



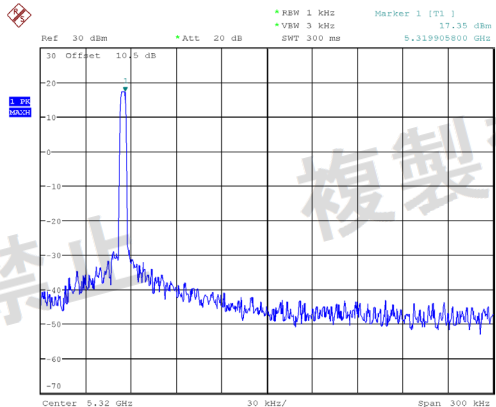
5310MHz



ProjectNo.:RKSA260113001 Tester:Neil Zhou
Date: 16.MAR.2026 15:12:21

ProjectNo.:RKSA260113001 Tester:Neil Zhou
Date: 16.MAR.2026 15:15:23

5320MHz



ProjectNo.:RKSA260113001 Tester:Neil Zhou
Date: 16.MAR.2026 15:13:15

5470~5730MHz

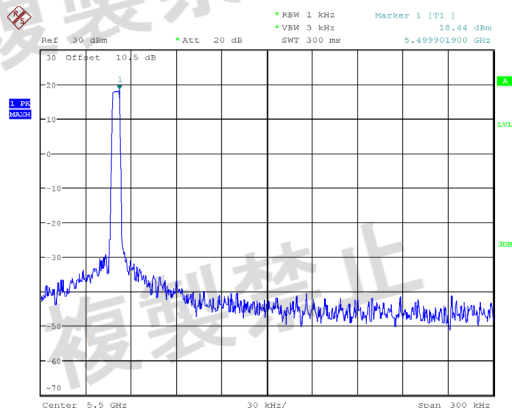
Frequency (MHz)	Measure Frequency (MHz)	Frequency Tolerance (ppm)	Limit (ppm)
5500	5499.90190	-17.84	±20
5510	5509.89410	-19.22	
5590	5589.88930	-19.80	
5600	5599.90100	-17.68	
5710	5709.89440	-18.49	
5720	5719.89260	-18.78	

Note:

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

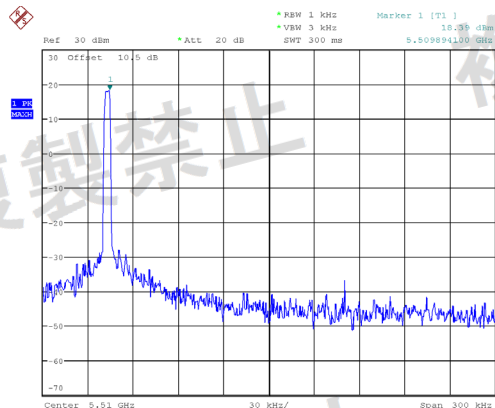
5470~5730MHz

5500MHz



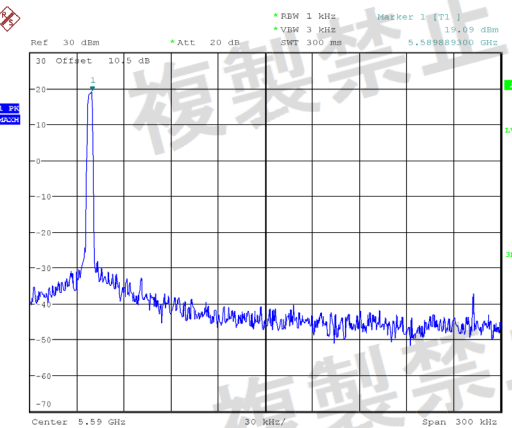
ProjectNo.:RKSA260113001 Tester:Neil Zhou
Date: 16.MAR.2026 15:17:23

5510MHz



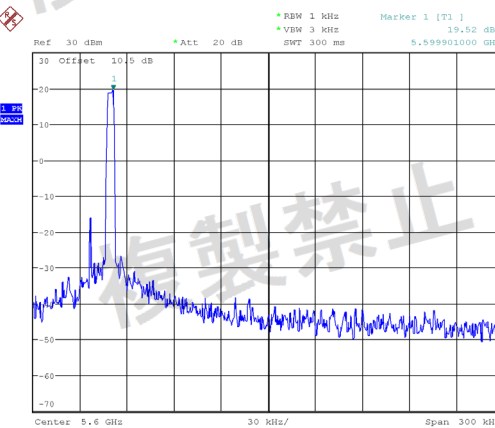
ProjectNo.:RKSA260113001 Tester:Neil Zhou
Date: 16.MAR.2026 15:19:40

5590MHz



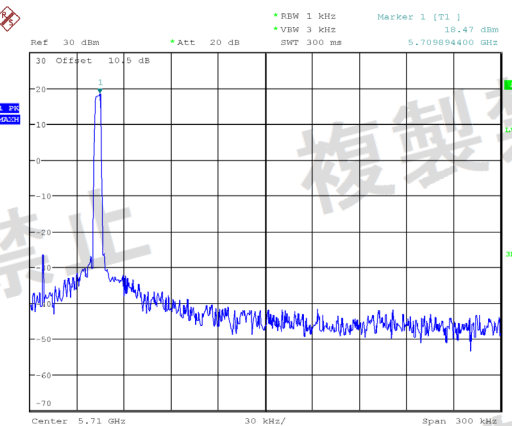
ProjectNo.:RKSA260113001 Tester:Neil Zhou
Date: 16.MAR.2026 15:20:22

5600MHz



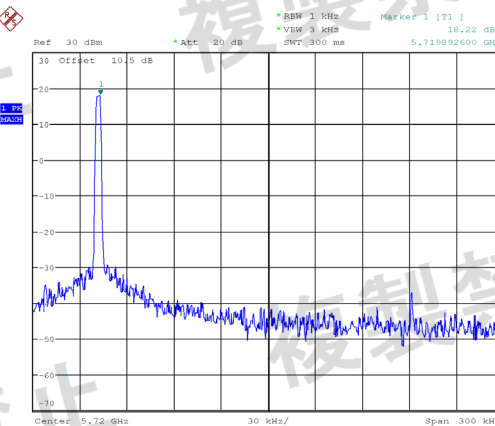
ProjectNo.:RKSA260113001 Tester:Neil Zhou
Date: 16.MAR.2026 15:18:15

5710MHz



ProjectNo.:RKSA260113001 Tester:Neil Zhou
Date: 16.MAR.2026 15:23:19

5720MHz



ProjectNo.:RKSA260113001 Tester:Neil Zhou
Date: 16.MAR.2026 15:18:58

OCCUPIED BANDWIDTH**Environmental Conditions & Test Information**

Test Date:	2026-03-18
Temperature:	16.4°C
Relative Humidity:	52 %
ATM Pressure:	102.5 kPa
Test Result:	Pass
Test Engineer:	Neil Zhou

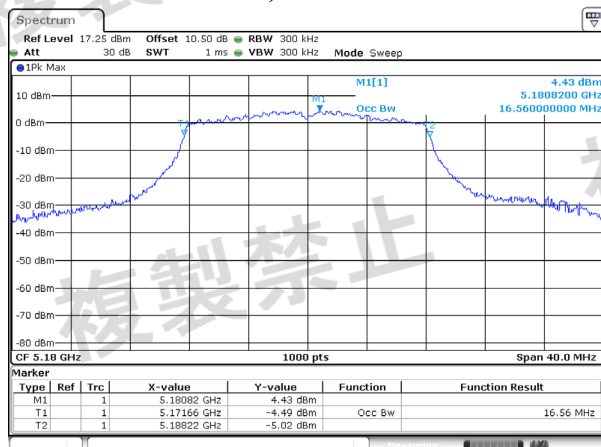
*Test Mode: Transmitting**5150~5250MHz*

Mode	Result(MHz)			Limit(MHz)	Verdict
	Low Channel	Middle Channel	High Channel		
802.11a	16.56	16.56	16.56	≤ 20	Pass
802.11n20	17.68	17.68	17.68	≤ 20	Pass
802.11n40	35.92	/	35.92	≤ 40	Pass
802.11ac20	17.64	17.64	17.64	≤ 20	Pass
802.11ax20	18.88	18.84	18.84	≤ 20	Pass

Please refer to the following plots for normal voltage test:

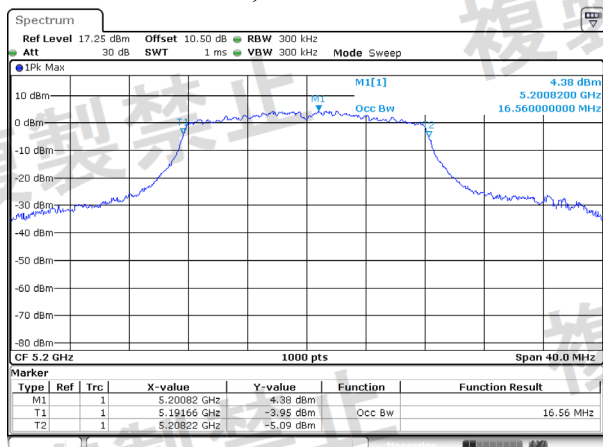
5150~5250MHz:

802.11a, Low Channel



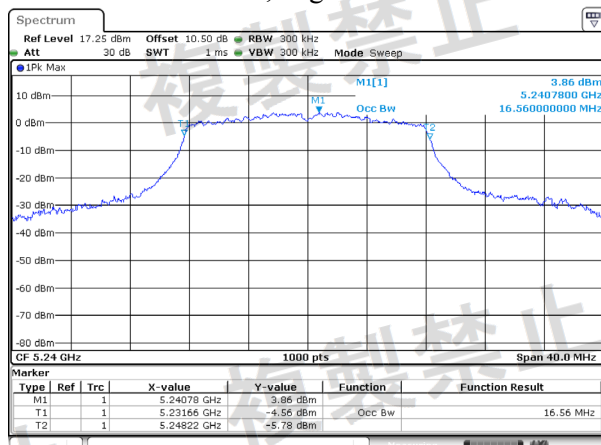
ProjectNo.:RKSA260113001 Tester:Neil Zhou
Date: 18.MAR.2026 10:12:02

802.11a, Middle Channel



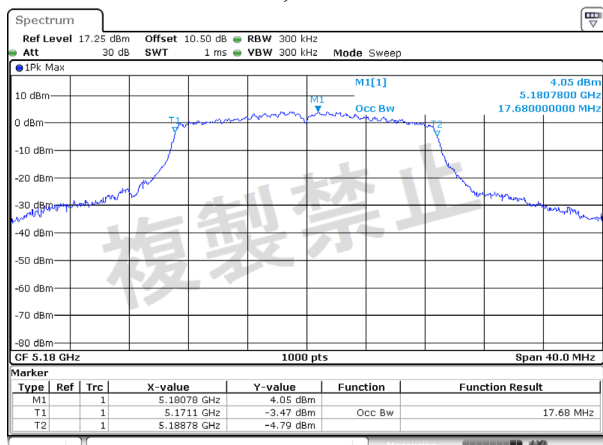
ProjectNo.:RKSA260113001 Tester:Neil Zhou
Date: 18.MAR.2026 10:12:48

802.11a, High Channel



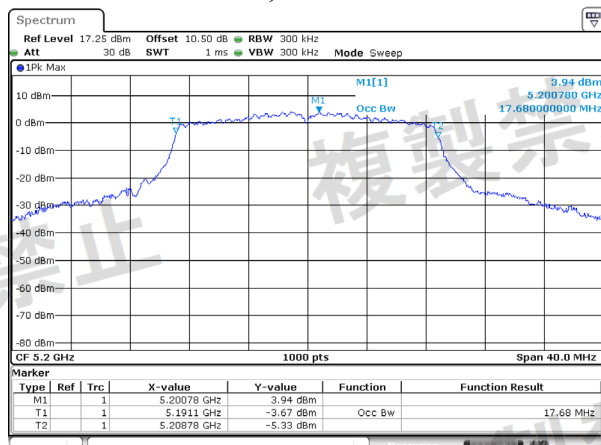
ProjectNo.:RKSA260113001 Tester:Neil Zhou
Date: 18.MAR.2026 10:13:45

802.11n20, Low Channel



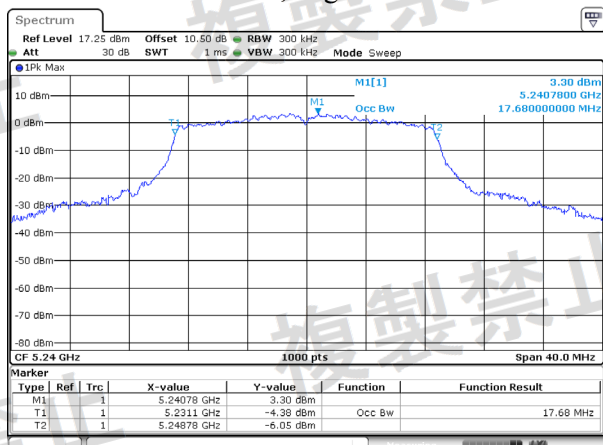
ProjectNo.:RKSA260113001 Tester:Neil Zhou
Date: 18.MAR.2026 10:18:53

802.11n20, Middle Channel



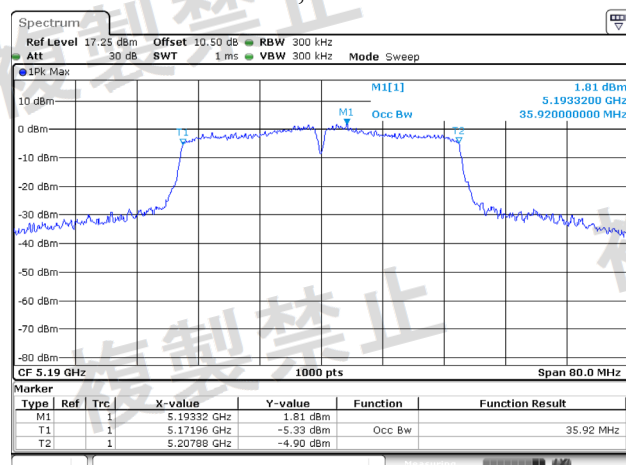
ProjectNo.:RKSA260113001 Tester:Neil Zhou
Date: 18.MAR.2026 10:19:53

802.11n20, High Channel



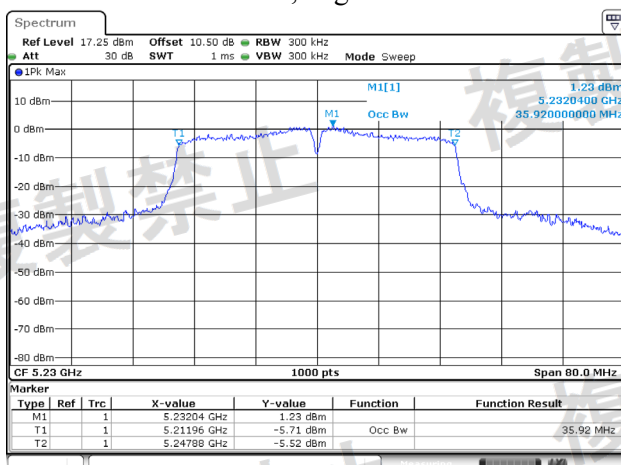
ProjectNo.:RKSA260113001 Tester:Neil Zhou
Date: 18.MAR.2026 10:17:42

802.11n40, Low Channel



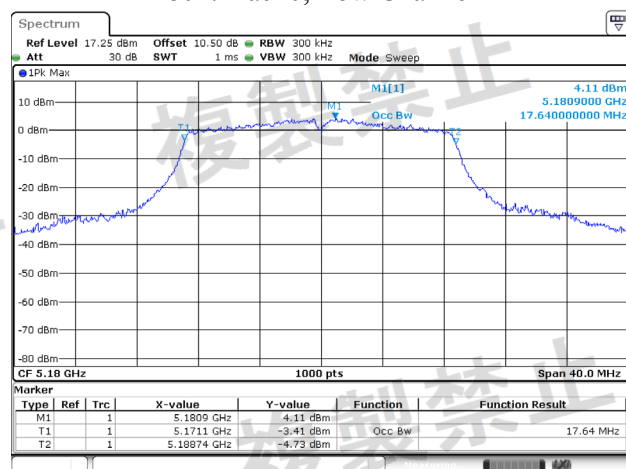
ProjectNo.:RKSA260113001 Tester:Neil Zhou
Date: 18.MAR.2026 10:24:37

802.11n40, High Channel



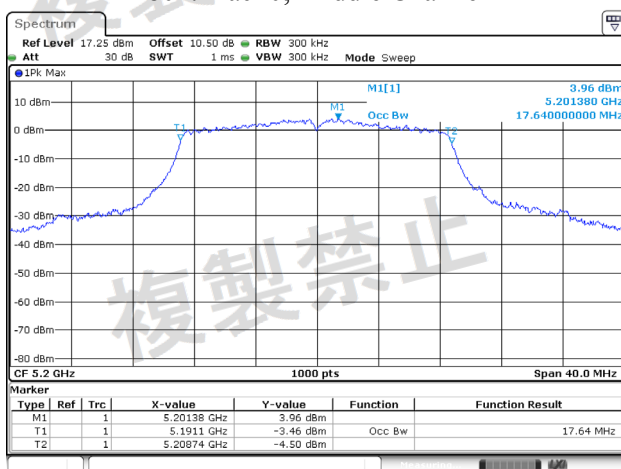
ProjectNo.:RKSA260113001 Tester:Neil Zhou
Date: 18.MAR.2026 10:25:42

802.11ac20, Low Channel



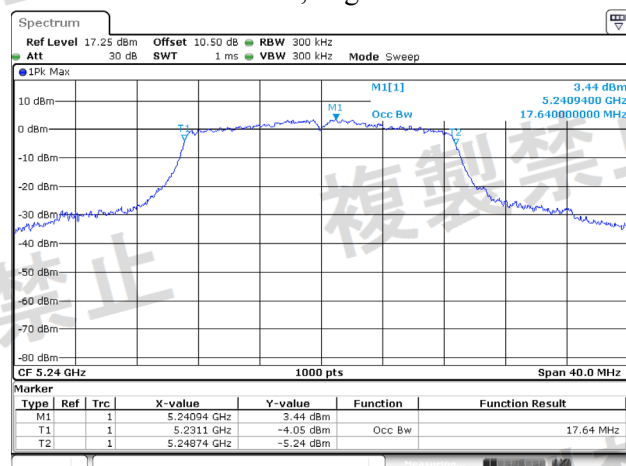
ProjectNo.:RKSA260113001 Tester:Neil Zhou
Date: 18.MAR.2026 10:41:32

802.11ac20, Middle Channel



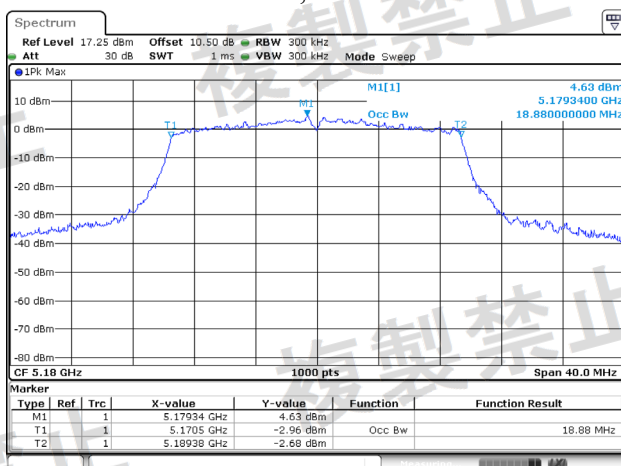
ProjectNo.:RKSA260113001 Tester:Neil Zhou
Date: 18.MAR.2026 10:42:20

802.11ac20, High Channel



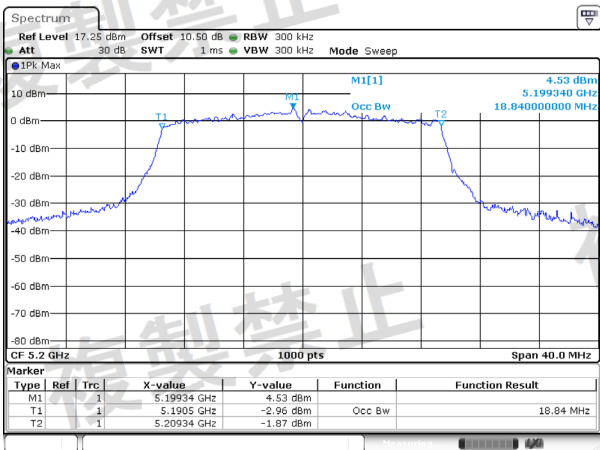
ProjectNo.:RKSA260113001 Tester:Neil Zhou
Date: 18.MAR.2026 10:40:35

802.11ax20, Low Channel



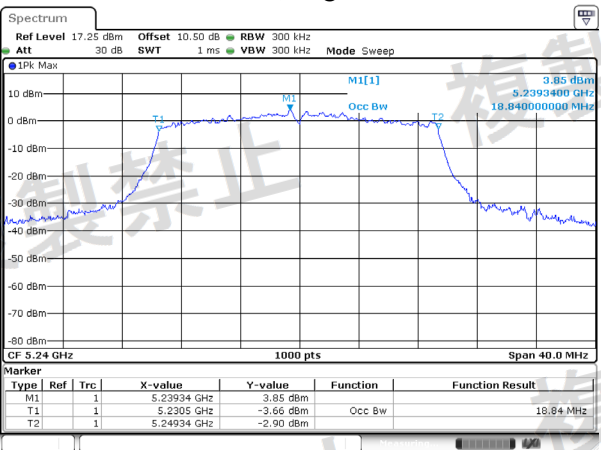
ProjectNo.:RKSA260113001 Tester:Neil Zhou
Date: 18.MAR.2026 10:35:59

802.11ax20, Middle Channel



ProjectNo.:RKSA260113001 Tester:Neil Zhou
Date: 18.MAR.2026 10:36:51

802.11ax20, High Channel



ProjectNo.:RKSA260113001 Tester:Neil Zhou
Date: 18.MAR.2026 10:34:25

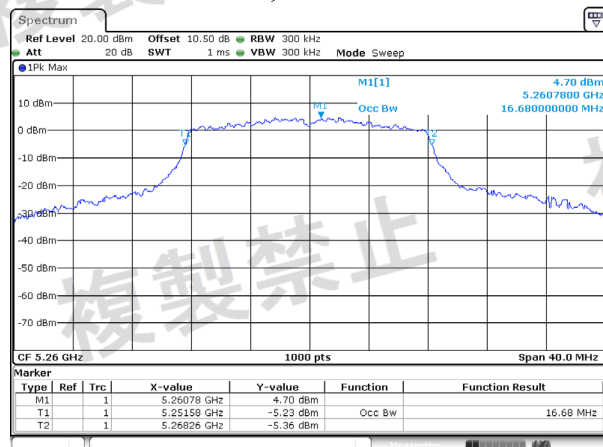
5250~5350MHz

Mode	Result(MHz)			Limit(MHz)	Verdict
	Low Channel	Middle Channel	High Channel		
802.11a	16.68	16.72	16.64	≤ 20	Pass
802.11n20	17.72	17.72	17.68	≤ 20	Pass
802.11n40	35.92	/	36.00	≤ 40	Pass
802.11ac20	17.68	17.68	17.64	≤ 20	Pass
802.11ax20	18.88	18.84	18.88	≤ 20	Pass

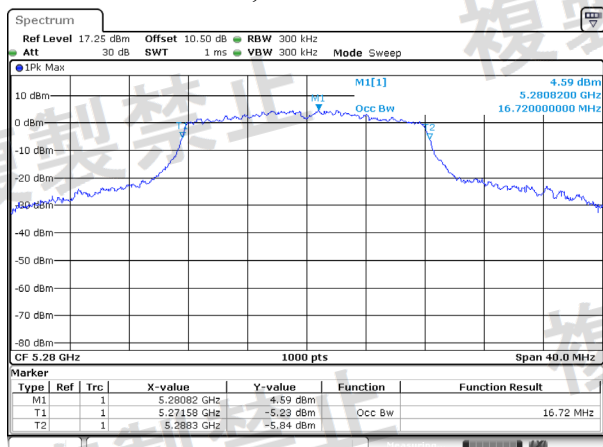
Please refer to the following plots for normal voltage test:

5250~5350MHz:

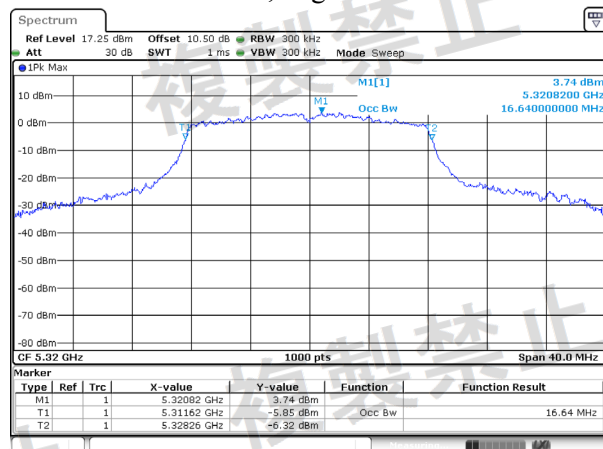
802.11a, Low Channel



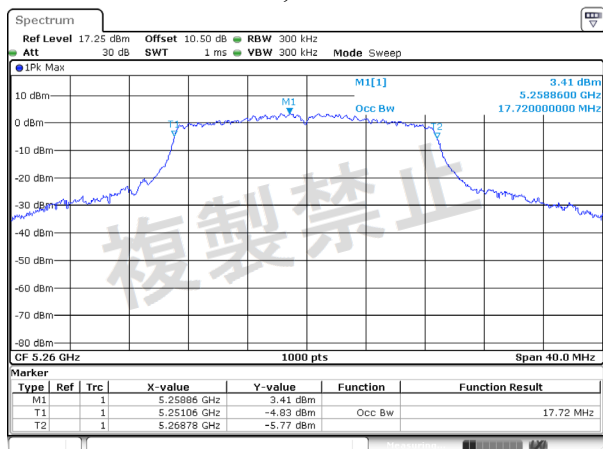
802.11a, Middle Channel



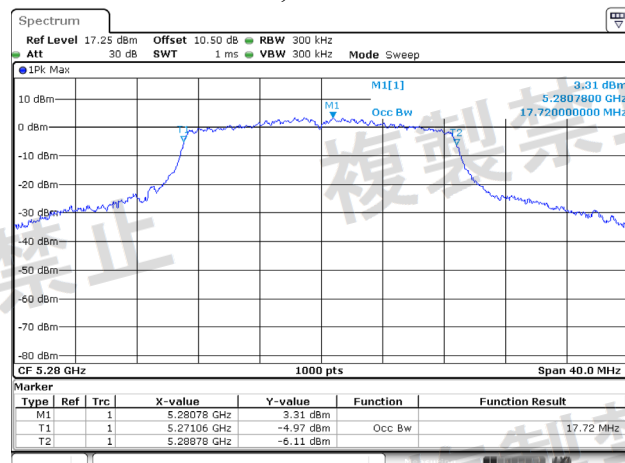
802.11a, High Channel



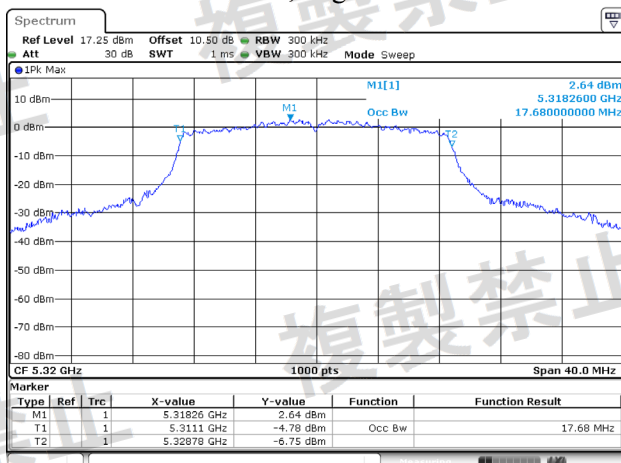
802.11n20, Low Channel



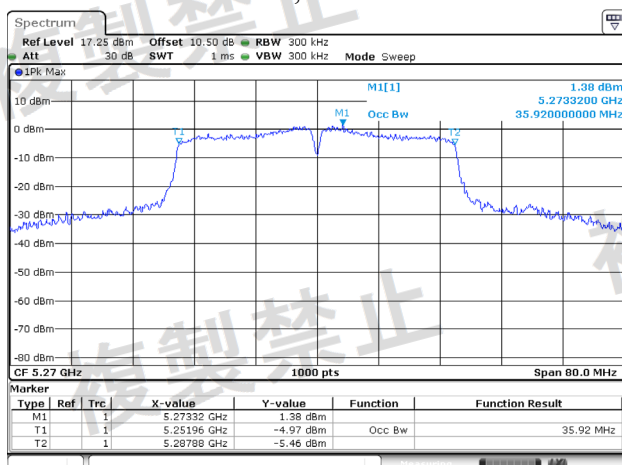
802.11n20, Middle Channel



802.11n20, High Channel

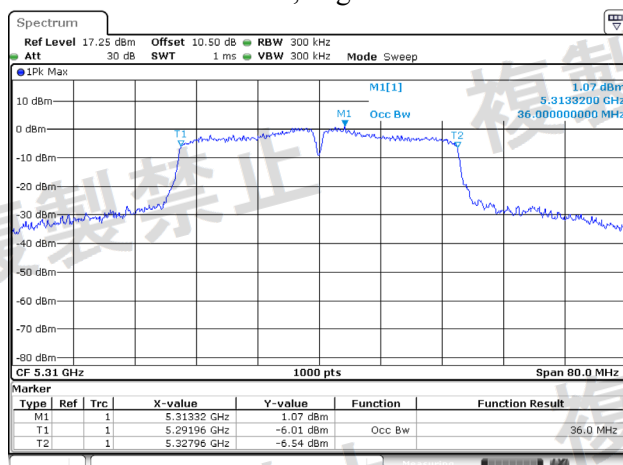


802.11n40, Low Channel



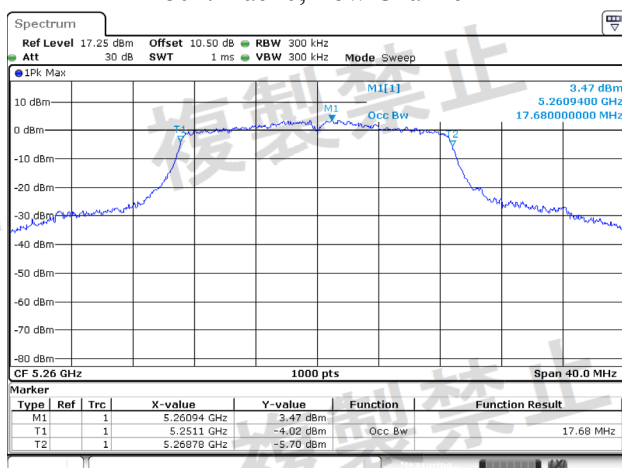
ProjectNo.:RKSA260113001 Tester:Neil Zhou
Date: 18.MAR.2026 10:54:31

802.11n40, High Channel



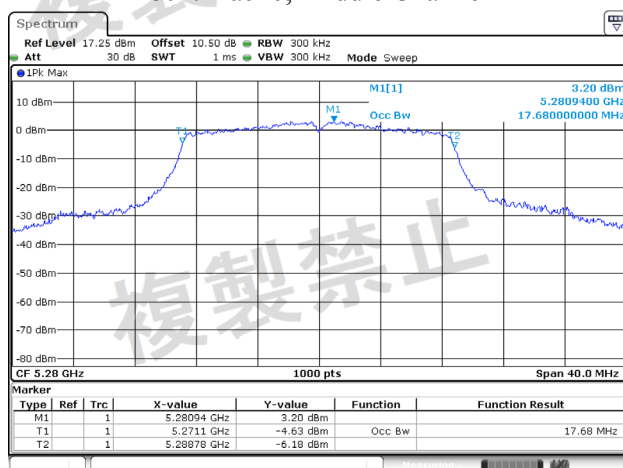
ProjectNo.:RKSA260113001 Tester:Neil Zhou
Date: 18.MAR.2026 10:55:24

802.11ac20, Low Channel



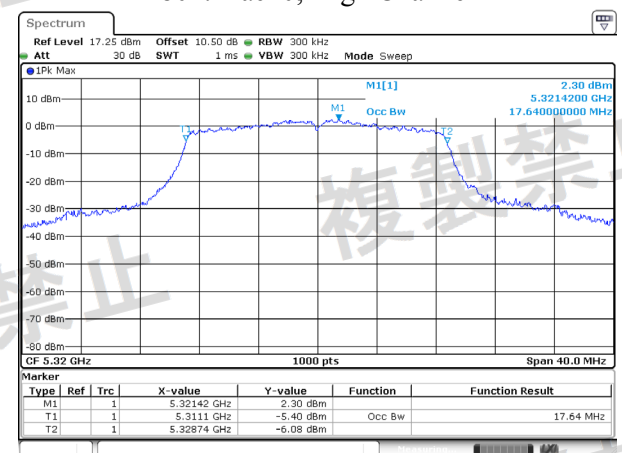
ProjectNo.:RKSA260113001 Tester:Neil Zhou
Date: 18.MAR.2026 11:14:42

802.11ac20, Middle Channel



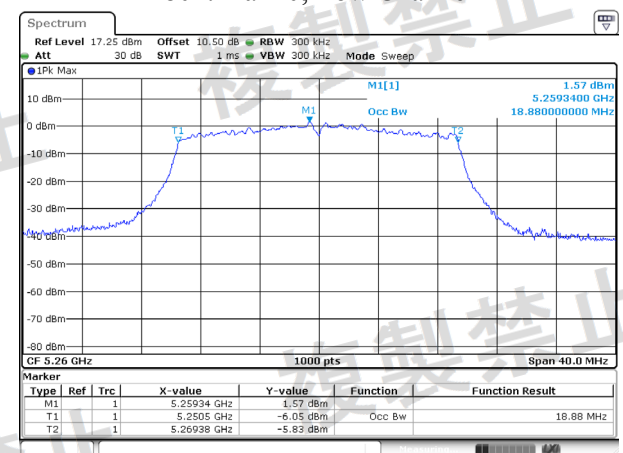
ProjectNo.:RKSA260113001 Tester:Neil Zhou
Date: 18.MAR.2026 11:15:25

802.11ac20, High Channel



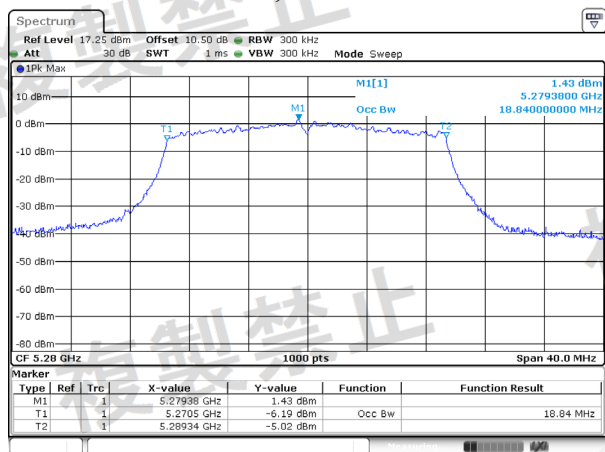
ProjectNo.:RKSA260113001 Tester:Neil Zhou
Date: 18.MAR.2026 11:16:07

802.11ax20, Low Channel



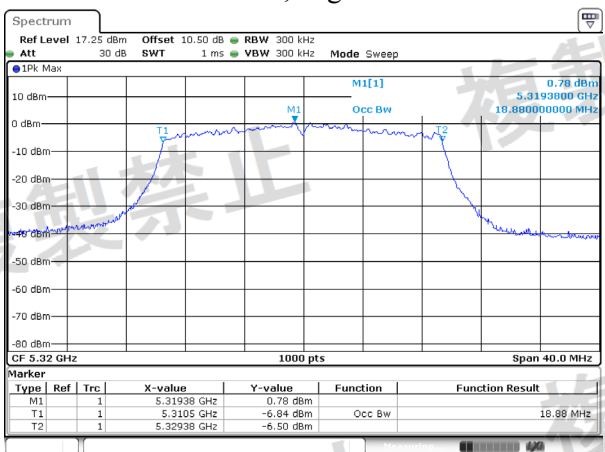
ProjectNo.:RKSA260113001 Tester:Neil Zhou
Date: 18.MAR.2026 11:00:08

802.11ax20, Middle Channel



ProjectNo.:RKSA260113001 Tester:Neil Zhou
Date: 18.MAR.2026 11:10:11

802.11ax20, High Channel



ProjectNo.:RKSA260113001 Tester:Neil Zhou
Date: 18.MAR.2026 11:11:07

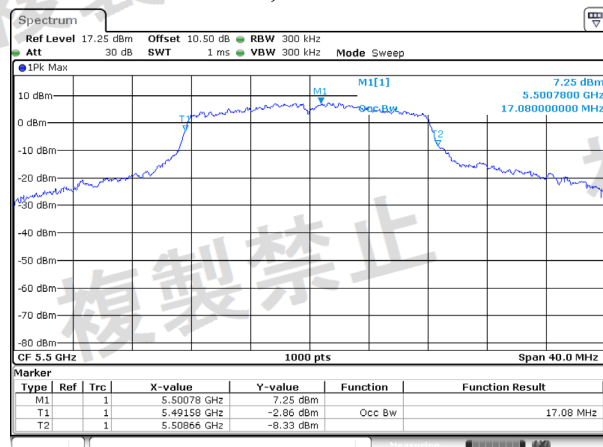
5470~5730MHz

Mode	Result(MHz)			Limit(MHz)	Verdict
	Low Channel	Middle Channel	High Channel		
802.11a	17.08	17.44	17.12	≤ 20	Pass
802.11n20	18.00	18.28	18.08	≤ 20	Pass
802.11n40	36.16	36.35	36.24	≤ 40	Pass
802.11ac20	18.12	18.35	18.18	≤ 20	Pass
802.11ax20	19.04	19.04	18.99	≤ 20	Pass

Please refer to the following plots for normal voltage test:

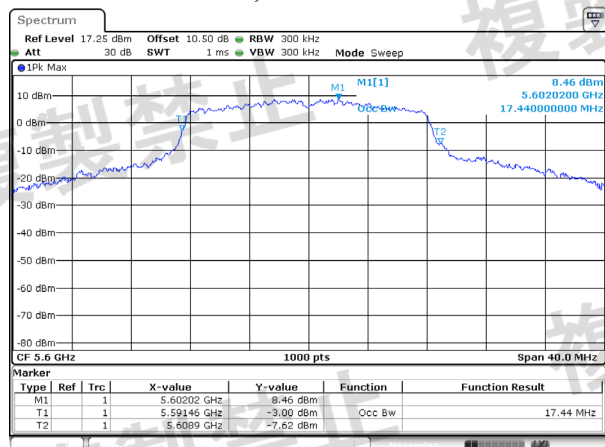
5470~5730MHz:

802.11a, Low Channel



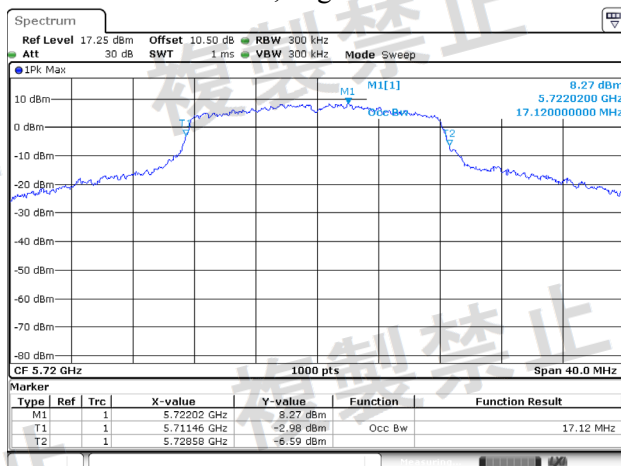
ProjectNo.: RKSA260113001 Tester: Neil Zhou
Date: 18.MAR.2026 11:18:36

802.11a, Middle Channel



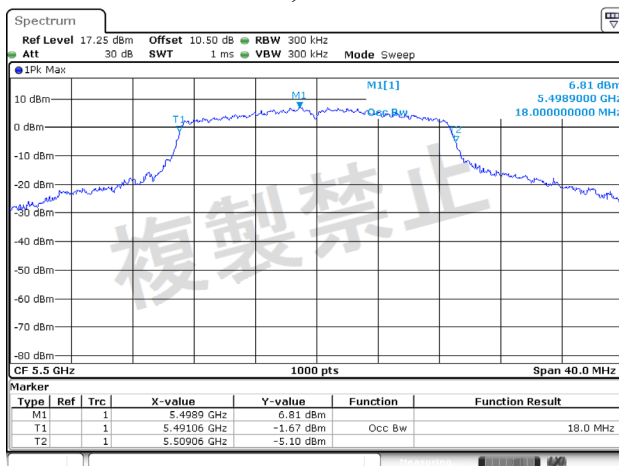
ProjectNo.: RKSA260113001 Tester: Neil Zhou
Date: 18.MAR.2026 11:19:28

802.11a, High Channel



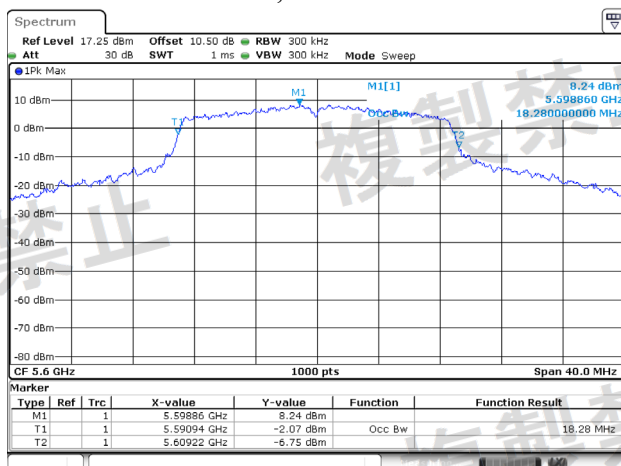
ProjectNo.: RKSA260113001 Tester: Neil Zhou
Date: 18.MAR.2026 11:20:16

802.11n20, Low Channel



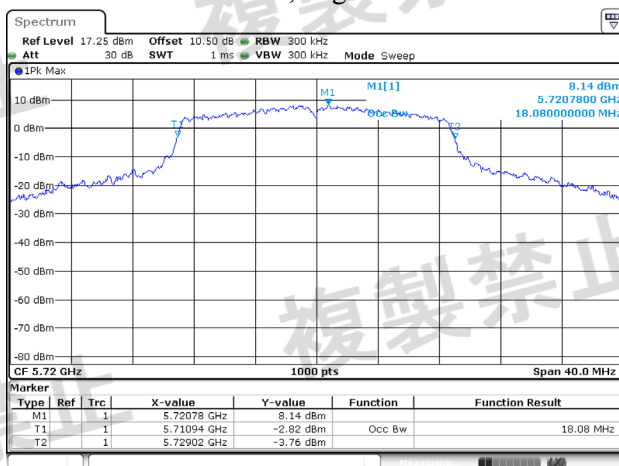
ProjectNo.: RKSA260113001 Tester: Neil Zhou
Date: 18.MAR.2026 11:21:17

802.11n20, Middle Channel



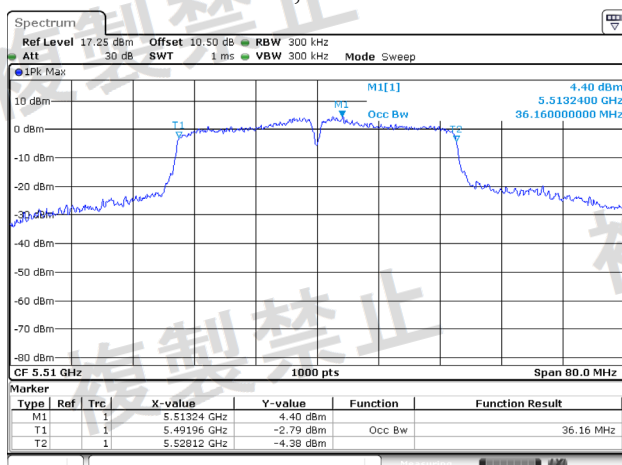
ProjectNo.: RKSA260113001 Tester: Neil Zhou
Date: 18.MAR.2026 11:22:06

802.11n20, High Channel



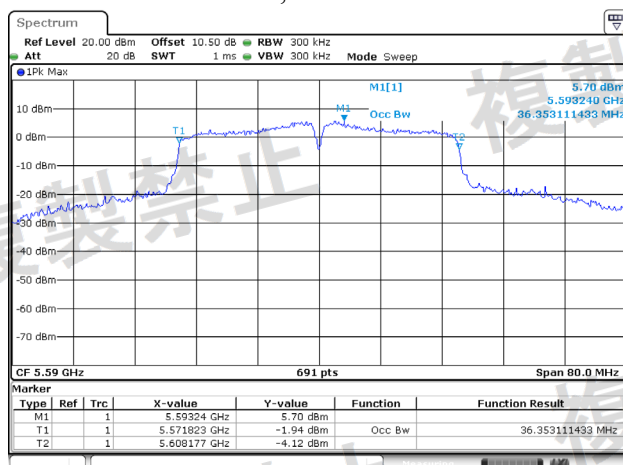
ProjectNo.: RKSA260113001 Tester: Neil Zhou
Date: 18.MAR.2026 11:22:50

802.11n40, Low Channel



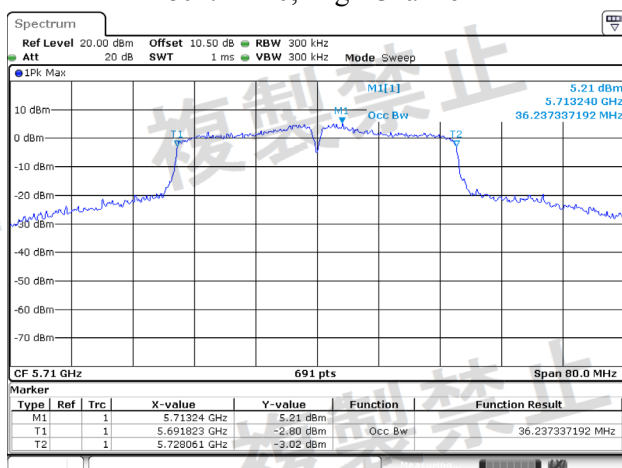
ProjectNo.: RKSA260113001 Tester: Neil Zhou
Date: 18 MAR 2026 11:23:47

802.11n40, Middle Channel



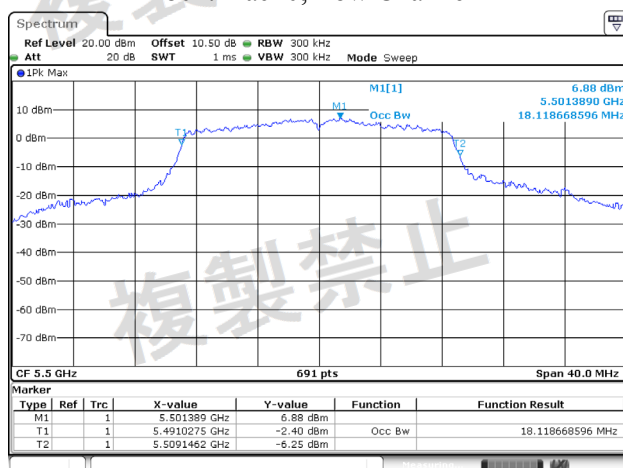
ProjectNo.: RKSA260113001 Tester: Neil Zhou
Date: 18 MAR 2026 11:24:37

802.11n40, High Channel



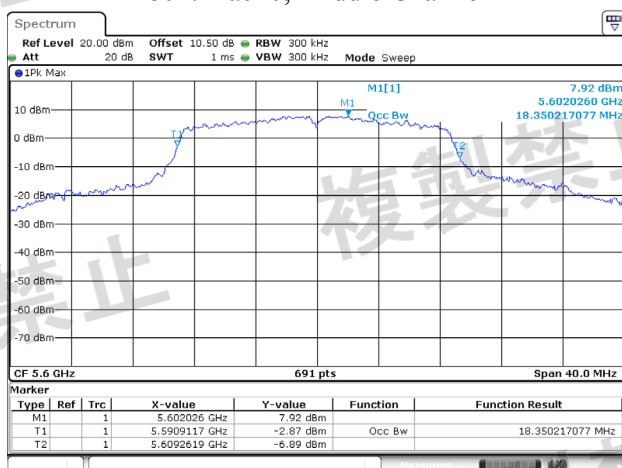
ProjectNo.: RKSA260113001 Tester: Neil Zhou
Date: 18 MAR 2026 11:25:31

802.11ac20, Low Channel



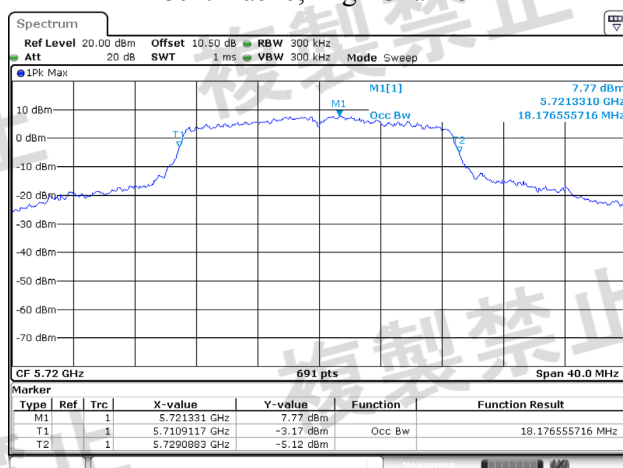
ProjectNo.: RKSA260113001 Tester: Neil Zhou
Date: 18 MAR 2026 11:29:37

802.11ac20, Middle Channel



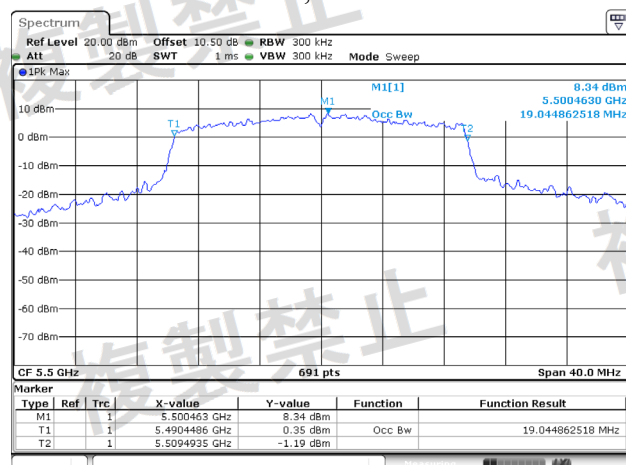
ProjectNo.: RKSA260113001 Tester: Neil Zhou
Date: 18 MAR 2026 11:31:08

802.11ac20, High Channel



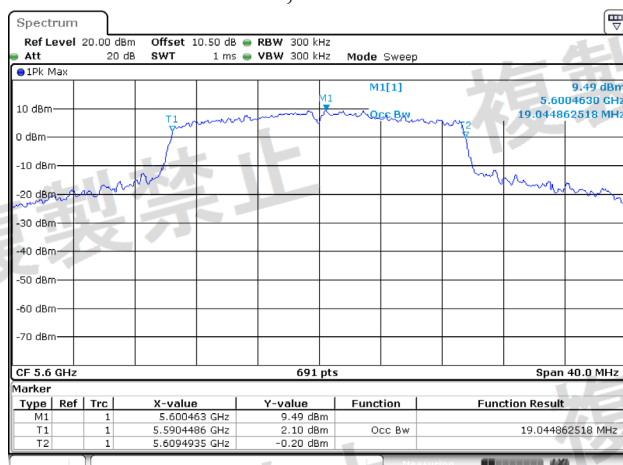
ProjectNo.: RKSA260113001 Tester: Neil Zhou
Date: 18 MAR 2026 11:32:11

802.11ax20, Low Channel



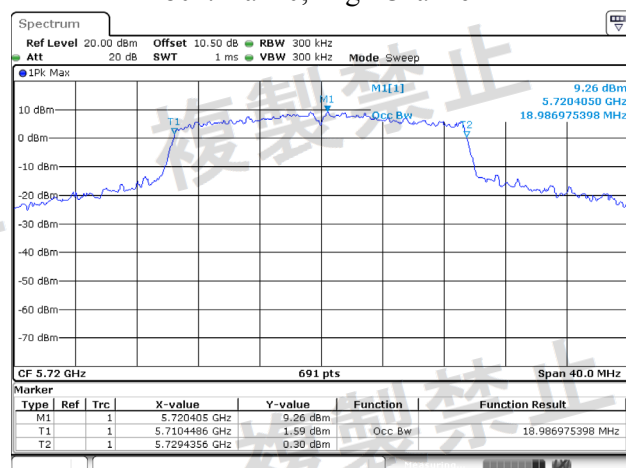
ProjectNo.: RKSA260113001 Tester: Neil Zhou
Date: 18 MAR 2026 11:26:45

802.11ax20, Middle Channel



ProjectNo.: RKSA260113001 Tester: Neil Zhou
Date: 18 MAR 2026 11:27:41

802.11ax20, High Channel



ProjectNo.: RKSA260113001 Tester: Neil Zhou
Date: 18 MAR 2026 11:28:31

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

Test Date:	2026-03-18	2026-03-19
Temperature:	16.4°C	16.9
Relative Humidity:	52 %	51 %
ATM Pressure:	102.5 kPa	102.7
Test Result:	Pass	Pass
Test Engineer:	Neil Zhou	Neil Zhou

Test Mode: Transmitting

Note: The EUT is equipped with three types of antennas: model FX-2.4G-5G-2DB-SMA-J, 79300036, and 79300037. The measurement used the maximum gain value of 2.75 dBi among the three frequency bands W52, W53 and W56.

5150~5250MHz

Mode	Channel	Test Band (RBW)	Measurement		Limit
			Frequency (MHz)	Reading (dBm/MHz)	
802.11a	Low Channel	30MHz~5100MHz(1MHz)	4792.38	-32.42	-26dBm/MHz (2.5μW/MHz)
		5100MHz~5142MHz(1MHz)	5137.81	-32.51	-26dBm/MHz (2.5 μW/MHz)
		5142MHz~5150MHz(1MHz)	5147.88	-30.42	-18.24dBm/MHz (15μW/MHz)
		5250MHz~5251MHz(1MHz)	5250.99	-33.26	-9.9 dBm/MHz (102.33μW /MHz)
		5251MHz~5260MHz(1MHz)	5259.95	-33.36	-17.96 dBm/MHz (16.01μW /MHz)
		5260MHz~5266.7MHz(1MHz)	5266.51	-33.99	-25.82 dBm/MHz (2.62μW /MHz)
		5266.7MHz~5300MHz(1MHz)	5284.52	-32.88	-26dBm/MHz (2.5 μW/MHz)
		5300MHz~26000MHz(1MHz)	15807.8	-33.92	-26dBm/MHz (2.5 μW/MHz)
	Middle Channel	30MHz~5100MHz(1MHz)	3325.37	-32.52	-26dBm/MHz (2.5μW/MHz)
		5100MHz~5142MHz(1MHz)	5112.19	-32.46	-26dBm/MHz (2.5 μW/MHz)
		5142MHz~5150MHz(1MHz)	5148.00	-32.07	-18.24dBm/MHz (15μW/MHz)
		5250MHz~5251MHz(1MHz)	5250.99	-32.57	-9.9 dBm/MHz (102.33μW /MHz)
		5251MHz~5260MHz(1MHz)	5259.62	-32.60	-17.66 dBm/MHz (17.13μW /MHz)
		5260MHz~5266.7MHz(1MHz)	5266.35	-34.24	-25.62 dBm/MHz (2.74μW /MHz)
		5266.7MHz~5300MHz(1MHz)	5287.70	-32.68	-26dBm/MHz (2.5 μW/MHz)
		5300MHz~26000MHz(1MHz)	6932.7	-33.18	-26dBm/MHz (2.5 μW/MHz)

802.11a	High Channel	30MHz~5100MHz(1MHz)	4364.47	-32.73	-26dBm/MHz (2.5μW/MHz)
		5100MHz~5142MHz(1MHz)	5108.75	-32.27	-26dBm/MHz (2.5 μW/MHz)
		5142MHz~5150MHz(1MHz)	5148.73	-32.98	-18.24dBm/MHz (15μW/MHz)
		5250MHz~5251MHz(1MHz)	5251.00	-12.61	-10.00 dBm/MHz (100.00μW/MHz)
		5251MHz~5260MHz(1MHz)	5257.23	-15.81	-15.54 dBm/MHz (27.94μW /MHz)
		5260MHz~5266.7MHz(1MHz)	5261.74	-25.10	-20.09 dBm/MHz (9,8μW /MHz)
		5266.7MHz~5300MHz(1MHz)	5287.70	-32.38	-26dBm/MHz (2.5 μW/MHz)
		5300MHz~26000MHz(1MHz)	6986.5	-33.64	-26dBm/MHz (2.5 μW/MHz)

Mode	Channel	Test Band (RBW)	Measurement		Limit
			Frequency (MHz)	Reading (dBm/MHz)	
802.11n20	Low Channel	30MHz~5100MHz(1MHz)	3486.219	-34.63	-26dBm/MHz (2.5μW/MHz)
		5100MHz~5142MHz(1MHz)	5128.61	-32.64	-26dBm/MHz (2.5 μW/MHz)
		5142MHz~5150MHz(1MHz)	5148.98	-31.51	-18.24dBm/MHz (15μW/MHz)
		5250MHz~5251MHz(1MHz)	5250.95	-33.64	-9.5 dBm/MHz (112.20μW/MHz)
		5251MHz~5260MHz(1MHz)	5259.72	-33.44	-17.75 dBm/MHz (16.78μW/MHz)
		5260MHz~5266.7MHz(1MHz)	5266.62	-33.76	-25.95 dBm/MHz (2.54μW/MHz)
		5266.7MHz~5300MHz(1MHz)	5296.45	-32.80	-26dBm/MHz (2.5 μW/MHz)
		5300MHz~26000MHz(1MHz)	25978.265	-31.99	-26dBm/MHz (2.5 μW/MHz)
	Middle Channel	30MHz~5100MHz(1MHz)	2795.685	-34.96	-26dBm/MHz (2.5μW/MHz)
		5100MHz~5142MHz(1MHz)	5112.23	-32.92	-26dBm/MHz (2.5 μW/MHz)
		5142MHz~5150MHz(1MHz)	5147.43	-32.61	-18.24dBm/MHz (15μW/MHz)
		5250MHz~5251MHz(1MHz)	5251.00	-32.93	-10.00 dBm/MHz (100.00μW/MHz)
		5251MHz~5260MHz(1MHz)	5259.60	-33.03	-17.64 dBm/MHz (17.2μW/MHz)
		5260MHz~5266.7MHz(1MHz)	5266.62	-34.02	-25.95 dBm/MHz (2.54μW/MHz)
		5266.7MHz~5300MHz(1MHz)	5266.71	-32.41	-26dBm/MHz (2.5 μW/MHz)
		5300MHz~26000MHz(1MHz)	25345.88	-32.54	-26dBm/MHz (2.5 μW/MHz)

802.11n20	High Channel	30MHz~5100MHz(1MHz)	2599.2225	-34.50	-26dBm/MHz (2.5μW/MHz)
		5100MHz~5142MHz(1MHz)	5134.53	-32.44	-26dBm/MHz (2.5 μW/MHz)
		5142MHz~5150MHz(1MHz)	5149.11	-31.63	-18.24dBm/MHz (15μW/MHz)
		5250MHz~5251MHz(1MHz)	5250.98	-11.17	-9.8 dBm/MHz (104.71μW/MHz)
		5251MHz~5260MHz(1MHz)	5253.03	-13.03	-11.8 dBm/MHz (66μW/MHz)
		5260MHz~5266.7MHz(1MHz)	5260.19	-23.47	-18.23 dBm/MHz (15.04μW/MHz)
		5266.7MHz~5300MHz(1MHz)	5282.33	-32.54	-26dBm/MHz (2.5 μW/MHz)
		5300MHz~26000MHz(1MHz)	25997.93	-31.88	-26dBm/MHz (2.5 μW/MHz)

Mode	Channel	Test Band (RBW)	Measurement		Limit
			Frequency (MHz)	Reading (dBm/MHz)	
802.11n40	Low Channel	30MHz~5100MHz(1MHz)	3435.519	-34.71	-26dBm/MHz (2.5μW/MHz)
		5100MHz~5141.6MHz(1MHz)	5140.54	-30.32	-26dBm/MHz (2.5 μW/MHz)
		5141.6MHz~5150MHz(1MHz)	5148.34	-25.75	-18.24dBm/MHz (15μW/MHz)
		5250MHz~5251MHz(1MHz)	5250.98	-33.67	-12.81 dBm/MHz (52.36μW/MHz)
		5251MHz~5270MHz(1MHz)	5269.43	-32.77	-20.77 dBm/MHz (8.37μW/MHz)
		5270MHz~5278.4MHz(1MHz)	5277.19	-33.13	-25.33 dBm/MHz (2.93μW/MHz)
		5278.4MHz~5300MHz(1MHz)	5289.12	-32.44	-26dBm/MHz (2.5 μW/MHz)
		5300MHz~26000MHz(1MHz)	25327.25	-32.58	-26dBm/MHz (2.5 μW/MHz)
	High Channel	30MHz~5100MHz(1MHz)	3483.684	-35.05	-26dBm/MHz (2.5μW/MHz)
		5100MHz~5141.6MHz(1MHz)	5125.36	-32.57	-26dBm/MHz (2.5 μW/MHz)
		5141.6MHz~5150MHz(1MHz)	5147.03	-31.82	-18.24dBm/MHz (15μW/MHz)
		5250MHz~5251MHz(1MHz)	5251.00	-16.39	-13.01 dBm/MHz (50.00μW/MHz)
		5251MHz~5270MHz(1MHz)	5257.97	-16.62	0.03 dBm/MHz (25.44μW/MHz)
		5270MHz~5278.4MHz(1MHz)	5277.45	-29.26	-25.48 dBm/MHz (2.83μW/MHz)
		5278.4MHz~5300MHz(1MHz)	5278.84	-31.15	-26dBm/MHz (2.5 μW/MHz)
		5300MHz~26000MHz(1MHz)	25318.97	-32.85	-26dBm/MHz (2.5 μW/MHz)

Mode	Channel	Test Band (RBW)	Measurement		Limit
			Frequency (MHz)	Reading (dBm/MHz)	
802.11ac20	Low Channel	30MHz~5100MHz(1MHz)	3585.8445	-33.18	-26dBm/MHz (2.5μW/MHz)
		5100MHz~5142MHz(1MHz)	5124.50	-32.48	-26dBm/MHz (2.5 μW/MHz)
		5142MHz~5150MHz(1MHz)	5149.65	-32.42	-18.24dBm/MHz (15μW/MHz)
		5250MHz~5251MHz(1MHz)	5250.97	-33.66	-9.7 dBm/MHz (107.15μW/MHz)
		5251MHz~5260MHz(1MHz)	5259.58	-33.15	-17.63 dBm/MHz (17.27μW/MHz)
		5260MHz~5266.7MHz(1MHz)	5266.60	-34.32	-25.92 dBm/MHz (2.56μW/MHz)
		5266.7MHz~5300MHz(1MHz)	5292.02	-32.23	-26dBm/MHz (2.5 μW/MHz)
		5300MHz~26000MHz(1MHz)	25312.76	-32.13	-26dBm/MHz (2.5 μW/MHz)
	Middle Channel	30MHz~5100MHz(1MHz)	2762.4765	-35.22	-26dBm/MHz (2.5μW/MHz)
		5100MHz~5142MHz(1MHz)	5101.10	-32.66	-26dBm/MHz (2.5 μW/MHz)
		5142MHz~5150MHz(1MHz)	5142.66	-32.06	-18.24dBm/MHz (15μW/MHz)
		5250MHz~5251MHz(1MHz)	5250.99	-33.87	-9.9 dBm/MHz (102.33μW/MHz)
		5251MHz~5260MHz(1MHz)	5259.63	-33.39	-17.67 dBm/MHz (17.10μW/MHz)
		5260MHz~5266.7MHz(1MHz)	5266.48	-33.09	-25.78 dBm/MHz (2.64μW/MHz)
		5266.7MHz~5300MHz(1MHz)	5299.29	-32.98	-26dBm/MHz (2.5 μW/MHz)
		5300MHz~26000MHz(1MHz)	25339.67	-32.63	-26dBm/MHz (2.5 μW/MHz)

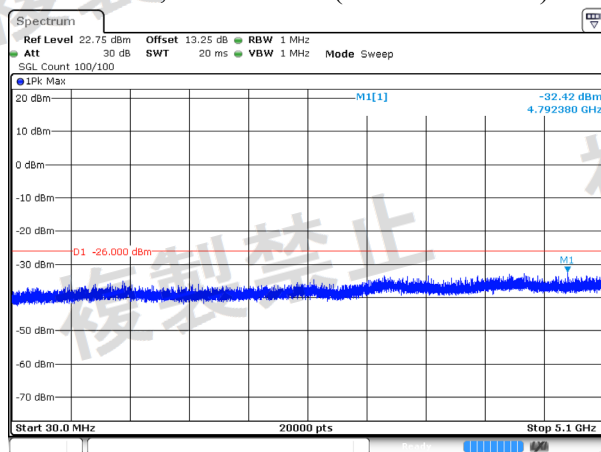
802.11ac20	High Channel	30MHz~5100MHz(1MHz)	3535.398	-34.47	-26dBm/MHz (2.5μW/MHz)
		5100MHz~5142MHz(1MHz)	5105.51	-31.84	-26dBm/MHz (2.5 μW/MHz)
		5142MHz~5150MHz(1MHz)	5142.90	-32.29	-18.24dBm/MHz (15μW/MHz)
		5250MHz~5251MHz(1MHz)	5251.00	-11.32	-10.00 dBm/MHz (100.00μW/MHz)
		5251MHz~5260MHz(1MHz)	5251.12	-12.44	-10.11 dBm/MHz (95.57μW/MHz)
		5260MHz~5266.7MHz(1MHz)	5263.66	-25.87	-22.39 dBm/MHz (5.77μW/MHz)
		5266.7MHz~5300MHz(1MHz)	5272.04	-31.96	-26dBm/MHz (2.5 μW/MHz)
		5300MHz~26000MHz(1MHz)	25284.815	-33.08	-26dBm/MHz (2.5 μW/MHz)

Mode	Channel	Test Band (RBW)	Measurements		Limit
			Frequency (MHz)	Reading (dBm/MHz)	
802.11ax20	Low Channel	30MHz~5100MHz(1MHz)	3534.891	-34.80	-26dBm/MHz (2.5 μW/MHz)
		5100MHz~5142MHz(1MHz)	5139.46	-32.85	-26dBm/MHz (2.5 μW/MHz)
		5142MHz~5150MHz(1MHz)	5148.21	-32.07	-18.24dBm/MHz (15μW/MHz)
		5250MHz~5250.2MHz(1MHz)	5250.19	-33.47	-1.74dBm/MHz (670.91μW/MHz)
		5250.2MHz~5251MHz(1MHz)	5250.99	-34.28	-9.9dBm/MHz (102.33μW/MHz)
		5251MHz~5260MHz(1MHz)	5259.10	-33.48	-17.20dBm/MHz (19.05μW/MHz)
		5260MHz~5266.7MHz(1MHz)	5265.80	-34.02	-24.96dBm/MHz (3.19 μW/MHz)
		5266.7MHz~5300MHz(1MHz)	5266.19	-32.79	-26dBm/MHz (2.5 μW/MHz)
		5300MHz~26000MHz(1MHz)	25331.39	-32.84	-26dBm/MHz (2.5 μW/MHz)
	Middle Channel	30MHz~5100MHz(1MHz)	3581.028	-34.52	-26dBm/MHz (2.5 μW/MHz)
		5100MHz~5142MHz(1MHz)	5126.15	-32.72	-26dBm/MHz (2.5 μW/MHz)
		5142MHz~5150MHz(1MHz)	5144.20	-32.82	-18.24dBm/MHz (15μW/MHz)
		5250MHz~5250.2MHz(1MHz)	5250.19	-33.06	-1.74dBm/MHz (670.91μW/MHz)
		5250.2MHz~5251MHz(1MHz)	5251.00	-33.36	-10.00 dBm/MHz (100.00μW/MHz)
		5251MHz~5260MHz(1MHz)	5259.07	-32.60	-17.17dBm/MHz (19.17μW/MHz)
		5260MHz~5266.7MHz(1MHz)	5265.88	-32.99	-25.06dBm/MHz (3.12 μW/MHz)
		5266.7MHz~5300MHz(1MHz)	5266.53	-33.10	-26dBm/MHz (2.5 μW/MHz)
		5300MHz~26000MHz(1MHz)	25323.11	-33.10	-26dBm/MHz (2.5 μW/MHz)
	High Channel	30MHz~5100MHz(1MHz)	3531.0885	-34.79	-26dBm/MHz (2.5 μW/MHz)
		5100MHz~5142MHz(1MHz)	5115.81	-32.73	-26dBm/MHz (2.5 μW/MHz)
		5142MHz~5150MHz(1MHz)	5143.00	-32.85	-18.24dBm/MHz (15μW/MHz)
		5250MHz~5250.2MHz(1MHz)	5250.01	-1.32	3.07dBm/MHz (2026.13μW/MHz)
		5250.2MHz~5251MHz(1MHz)	5251.00	-10.09	-10.00 dBm/MHz (100.00μW/MHz)
		5251MHz~5260MHz(1MHz)	5251.16	-11.13	-10.15dBm/MHz (96.78μW/MHz)
		5260MHz~5266.7MHz(1MHz)	5262.16	-26.01	-20.59dBm/MHz (8.73μW/MHz)
		5266.7MHz~5300MHz(1MHz)	5269.52	-31.67	-26dBm/MHz (2.5 μW/MHz)
		5300MHz~26000MHz(1MHz)	25789.895	-32.43	-26dBm/MHz (2.5 μW/MHz)

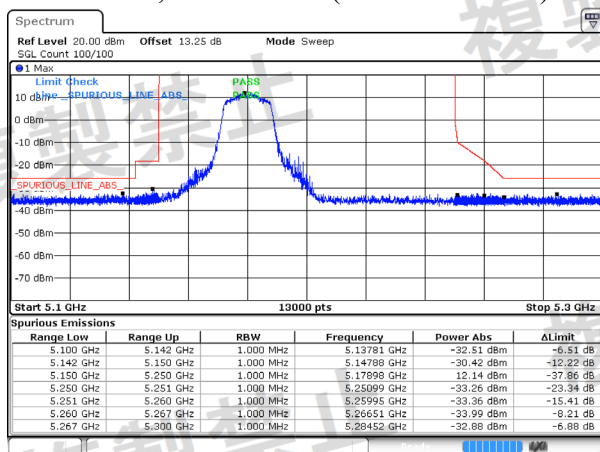
Please refer to the following plots for normal voltage test:

5150~5250MHz

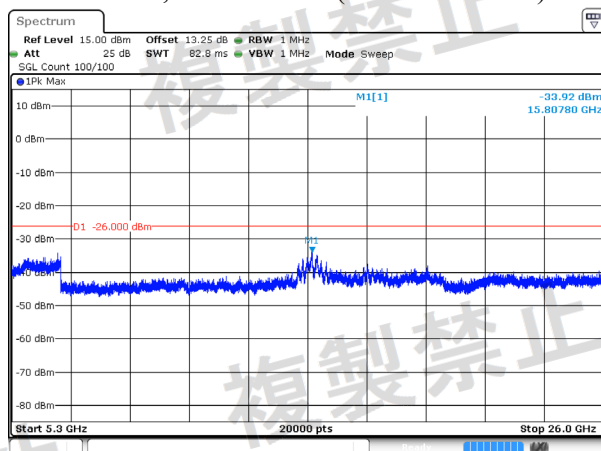
802.11a, Low Channel(30MHz~5.1GHz)



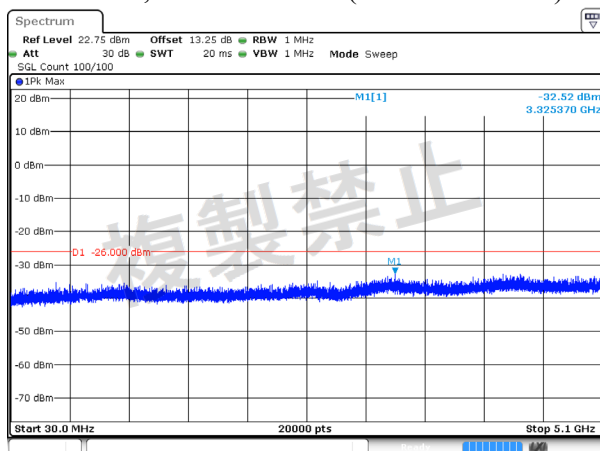
802.11a, Low Channel(5.1GHz~5.3GHz)



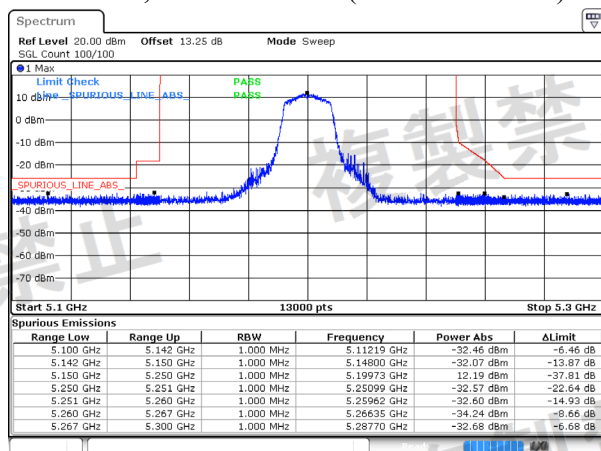
802.11a, Low Channel(5.3GHz~26GHz)



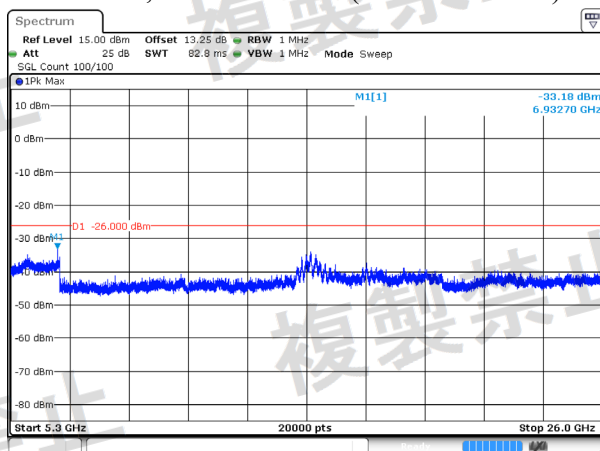
802.11a, Middle Channel(30MHz~5.1GHz)



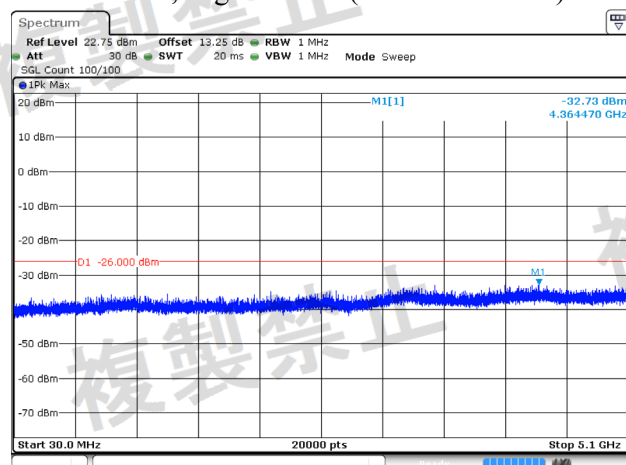
802.11a, Middle Channel(5.1GHz~5.3GHz)



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

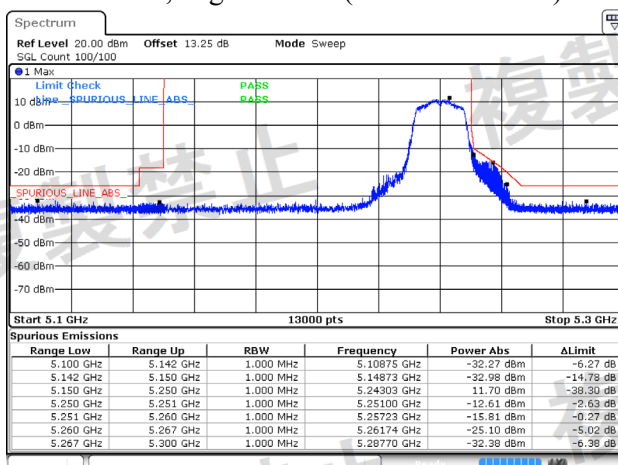


802.11a, High Channel(30MHz~5.1GHz)



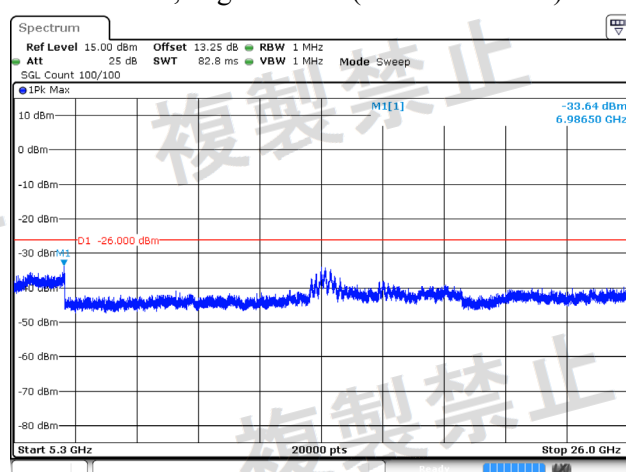
ProjectNo.: RKSA260113001 Tester: Neil Zhou
Date: 18 MAR 2026 13:18:55

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



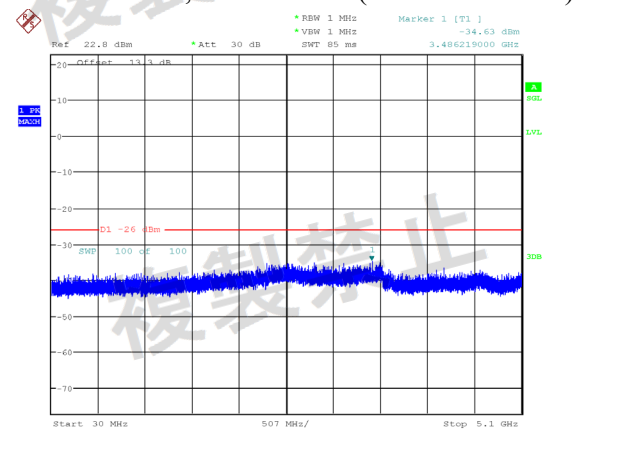
ProjectNo.: RKSA260113001 Tester: Neil Zhou
Date: 18 MAR 2026 10:13:57

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



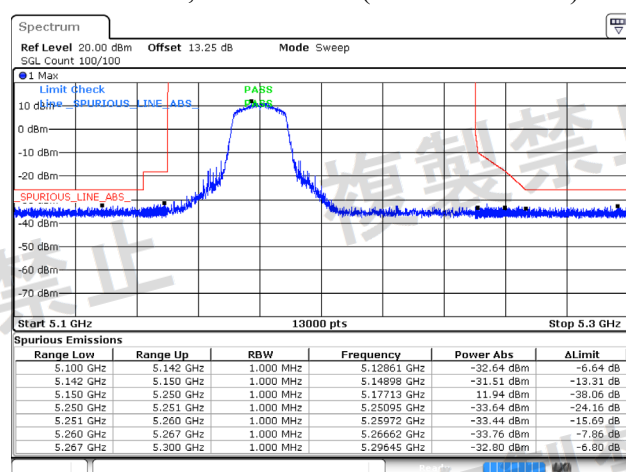
ProjectNo.: RKSA260113001 Tester: Neil Zhou
Date: 18 MAR 2026 13:19:35

802.11n20, Low Channel(30MHz~5.1GHz)



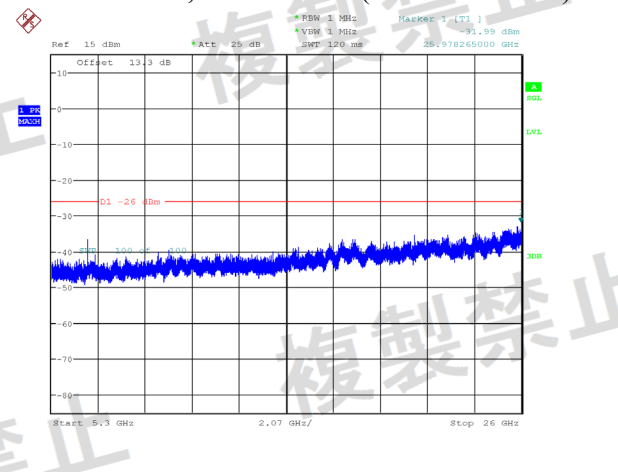
ProjectNo.: RKSA260113001 Tester: Neil Zhou
Date: 18 MAR 2026 14:52:42

802.11n20, Low Channel(5.1GHz~5.3GHz)



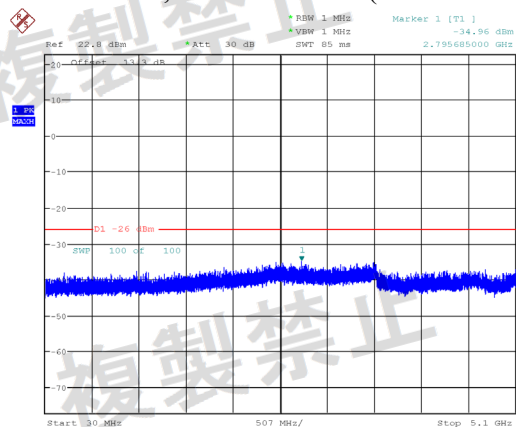
ProjectNo.: RKSA260113001 Tester: Neil Zhou
Date: 18 MAR 2026 10:19:06

802.11n20, Low Channel(5.3GHz~26GHz)



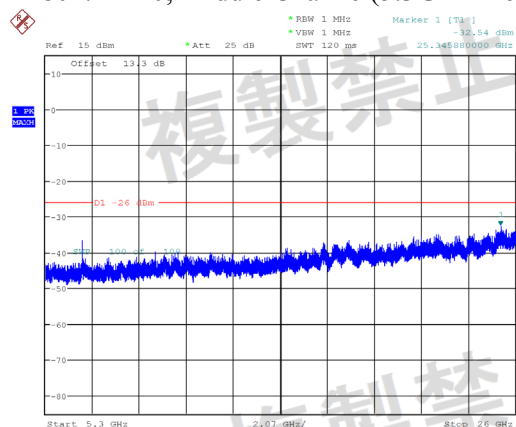
ProjectNo.: RKSA260113001 Tester: Neil Zhou
Date: 18 MAR 2026 14:53:23

802.11n20, Middle Channel(30MHz~5.1GHz)



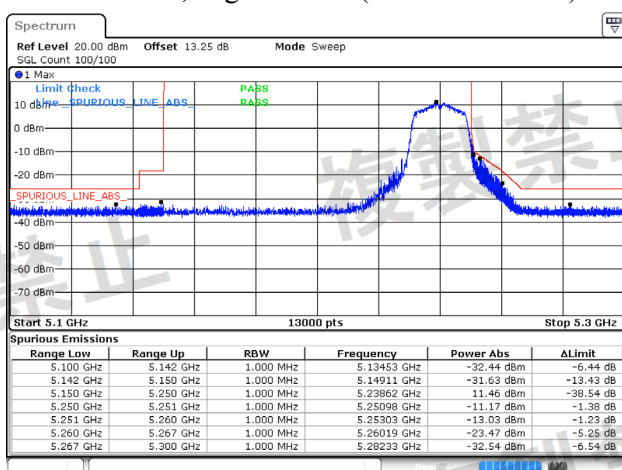
ProjectNo.:RKSA260113001 Tester:Neil Zhou
Date: 18.MAR.2026 14:58:51

802.11n20, Middle Channel(5.3GHz~26GHz)



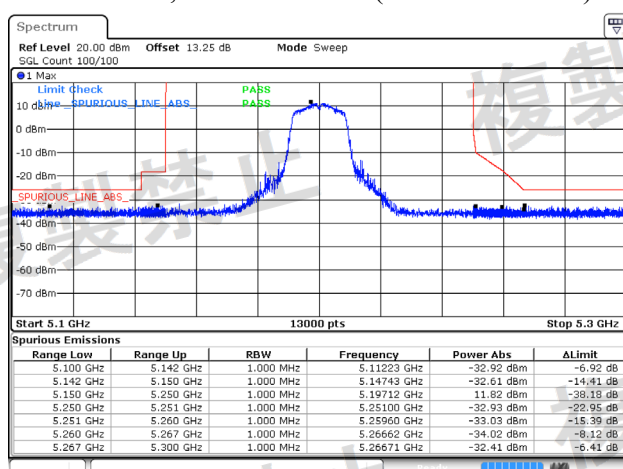
ProjectNo.:RKSA260113001 Tester:Neil Zhou
Date: 18.MAR.2026 14:59:32

802.11n20, High Channel(5.1GHz~5.3GHz)



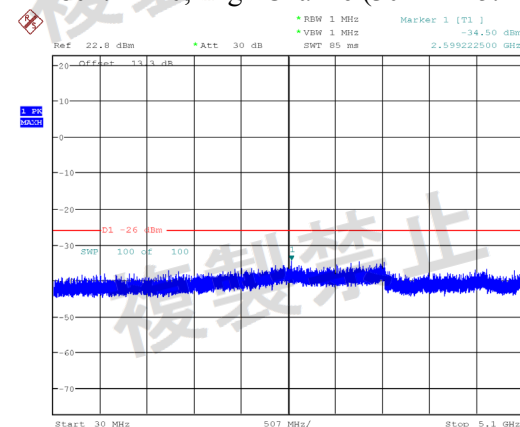
ProjectNo.:RKSA260113001 Tester:Neil Zhou
Date: 18.MAR.2026 10:17:55

802.11n20, Middle Channel(5.1GHz~5.3GHz)



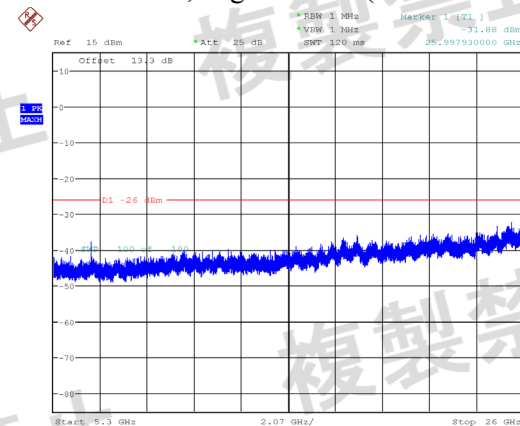
ProjectNo.:RKSA260113001 Tester:Neil Zhou
Date: 18.MAR.2026 10:20:07

802.11n20, High Channel(30MHz~5.1GHz)



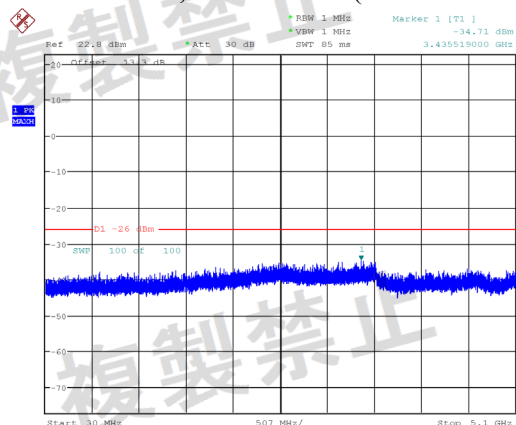
ProjectNo.:RKSA260113001 Tester:Neil Zhou
Date: 18.MAR.2026 15:04:05

802.11n20, High Channel(5.3GHz~26GHz)



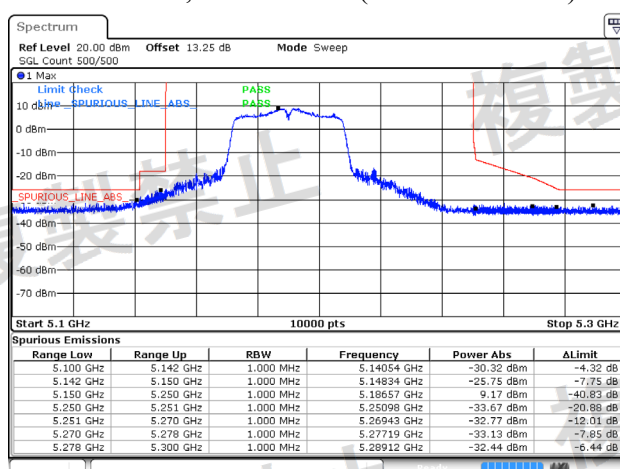
ProjectNo.:RKSA260113001 Tester:Neil Zhou
Date: 18.MAR.2026 15:04:45

802.11n40, Low Channel(30MHz~5.1GHz)



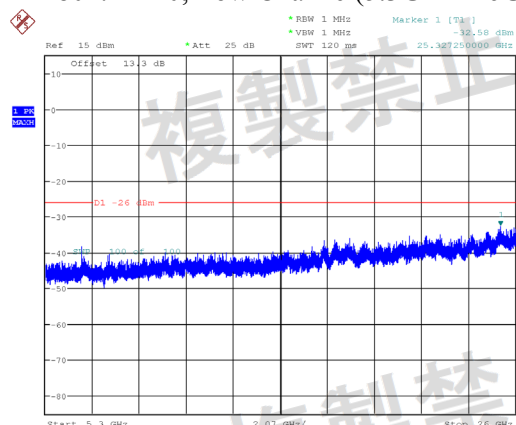
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Date: 18.MAR.2026 15:10:04

802.11n40, Low Channel(5.1GHz~5.3GHz)



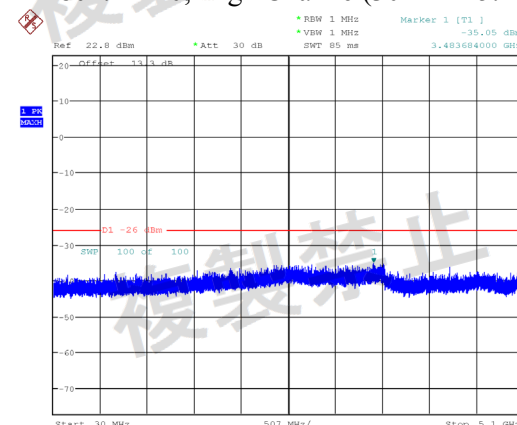
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802.11n40, Low Channel(5.3GHz~26GHz)



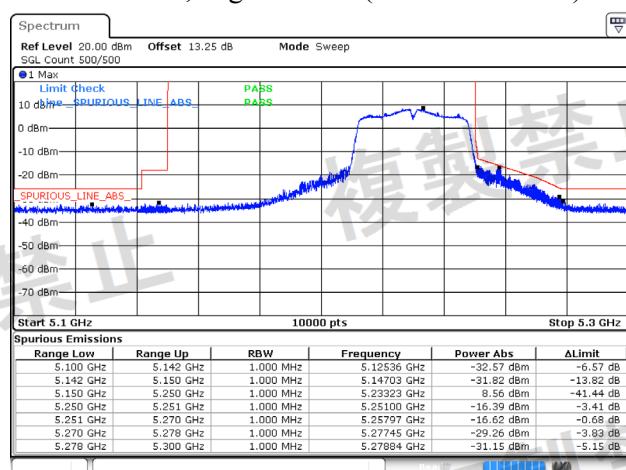
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Date: 18.MAR.2026 15:10:45

802.11n40, High Channel(30MHz~5.1GHz)



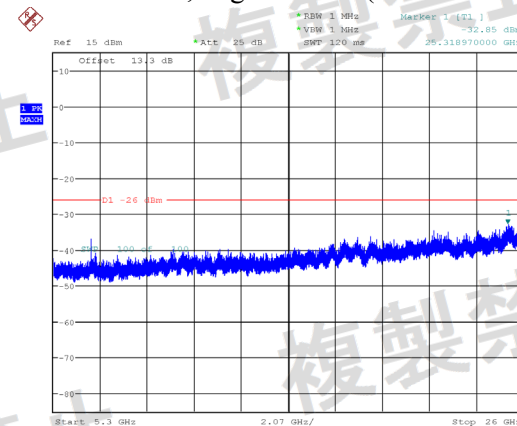
ProjectNo.:RKSA260113001 Tester:Neil Zhou
Date: 18.MAR.2026 15:15:26

802.11n40, High Channel(5.1GHz~5.3GHz)



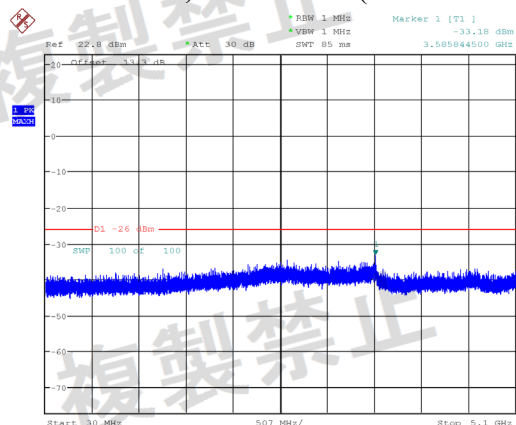
ProjectNo.:RKSA260113001 Tester:Neil Zhou
Date: 18.MAR.2026 10:26:06

802.11n40, High Channel(5.3GHz~26GHz)



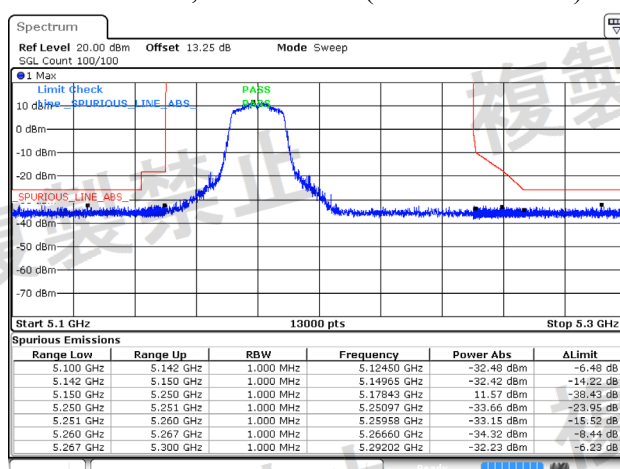
ProjectNo.:RKSA260113001 Tester:Neil Zhou
Date: 18.MAR.2026 15:16:07

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



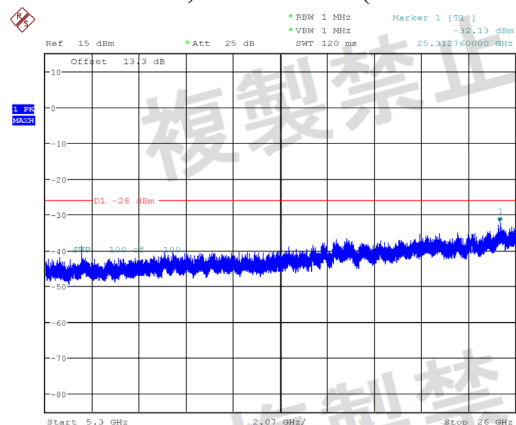
ProjectNo.:RKSA260113001 Tester:Neil Zhou
Date: 18.MAR.2026 15:35:51

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



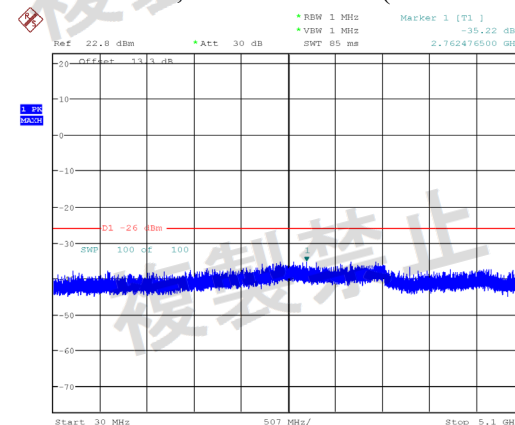
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802.11ac20, Low Channel(5.3GHz~26GHz)



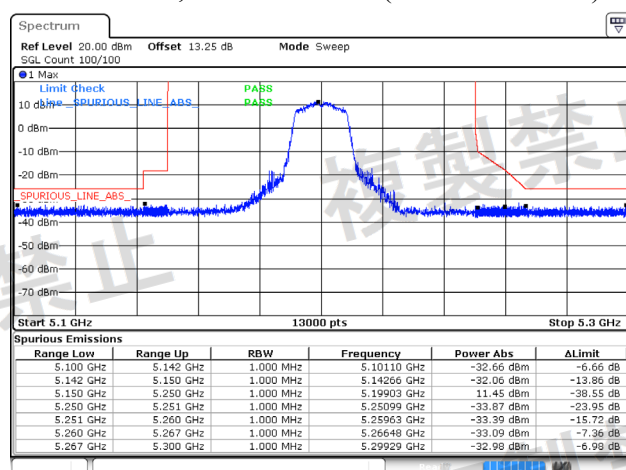
ProjectNo.:RKSA260113001 Tester:Neil Zhou
Date: 18.MAR.2026 15:36:32

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



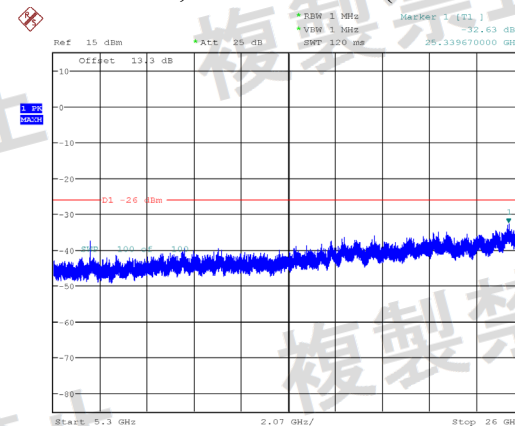
ProjectNo.:RKSA260113001 Tester:Neil Zhou
Date: 18.MAR.2026 15:42:35

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



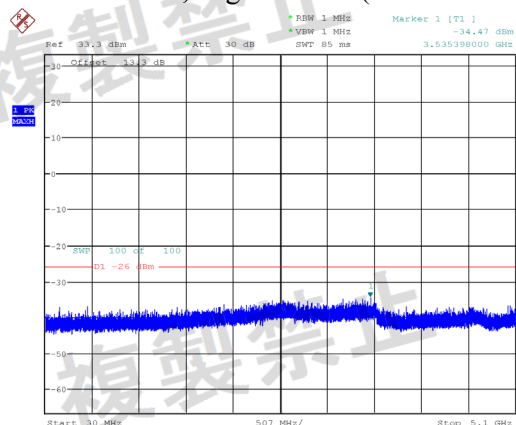
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802.11ac20, Middle Channel(5.3GHz~26GHz)



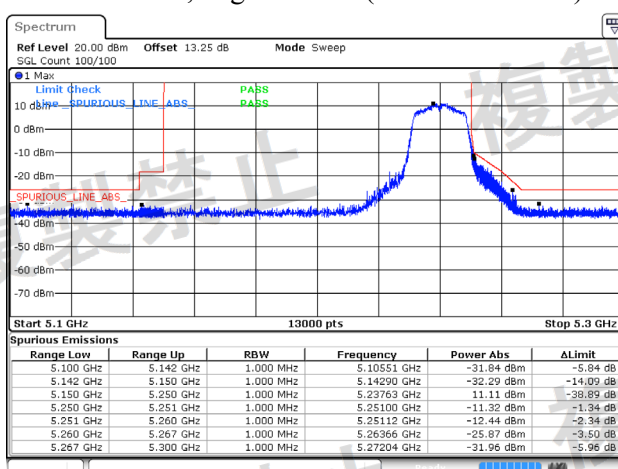
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Date: 18.MAR.2026 15:43:16

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



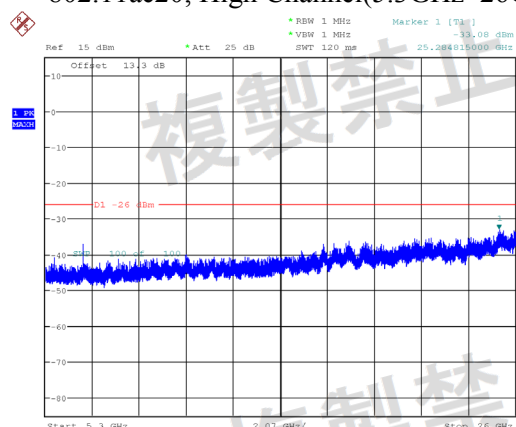
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Date: 18.MAR.2026 15:51:05

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



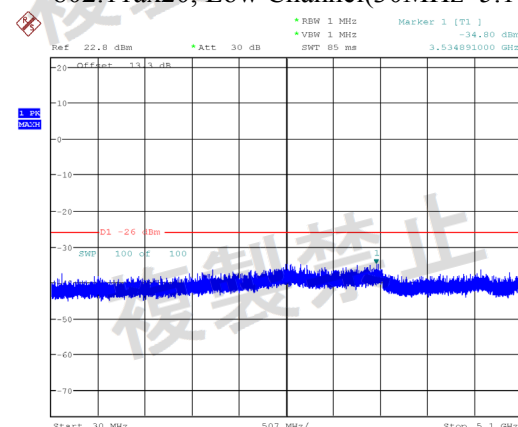
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Date: 18.MAR.2026 10:40:48

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



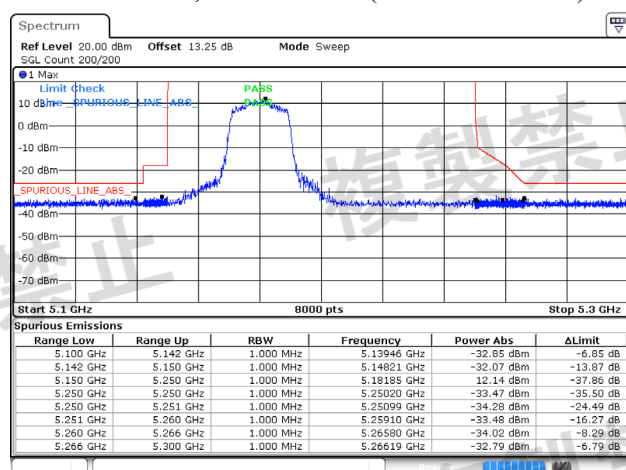
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802.11ax20, Low Channel(30MHz~5.1GHz)



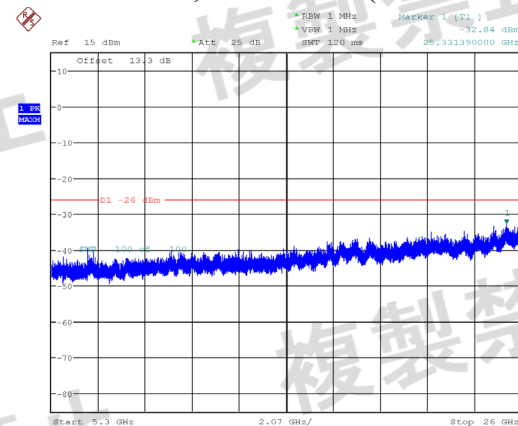
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Date: 18.MAR.2026 15:57:32

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



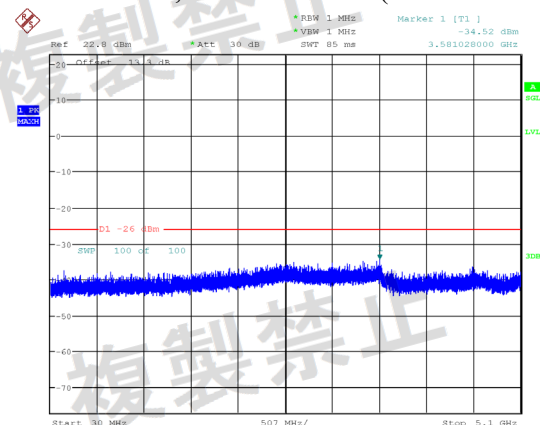
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Date: 18.MAR.2026 10:36:15

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



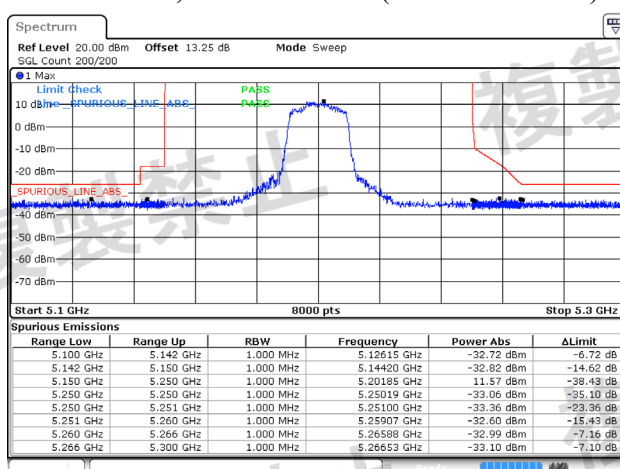
ProjectNo.:RKSA260113001 Tester:Neil Zhou
Date: 18.MAR.2026 15:58:13

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



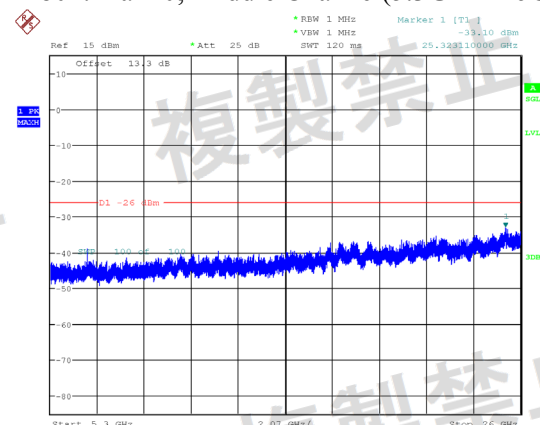
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Date: 18.MAR.2026 16:03:53

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



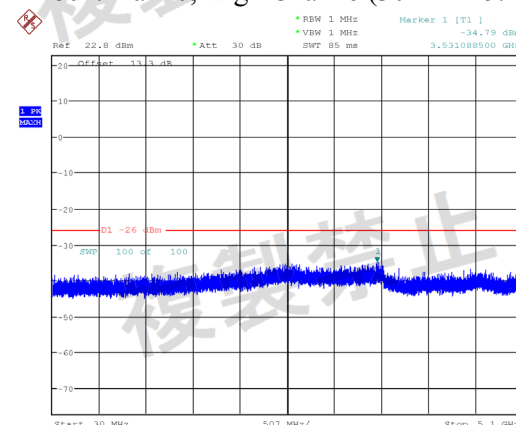
ProjectNo.:RKSA260113001 Tester:Neil Zhou
Date: 18.MAR.2026 10:37:07

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



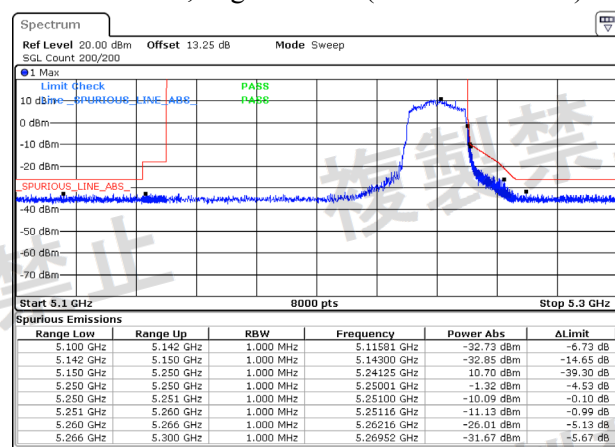
ProjectNo.:RKSA260113001 Tester:Neil Zhou
Date: 18.MAR.2026 16:04:34

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



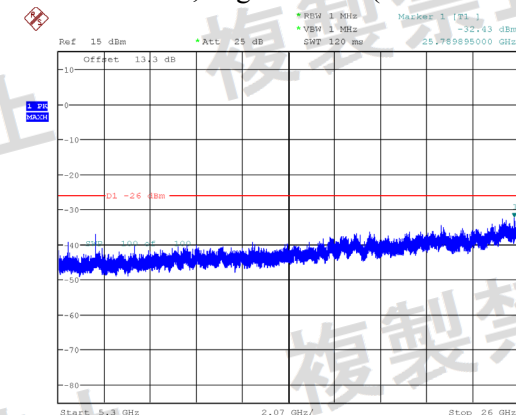
ProjectNo.:RKSA260113001 Tester:Neil Zhou
Date: 18.MAR.2026 16:09:23

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



ProjectNo.:RKSA260113001 Tester:Neil Zhou
Date: 18.MAR.2026 10:34:41

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



ProjectNo.:RKSA260113001 Tester:Neil Zhou
Date: 18.MAR.2026 16:10:04

5250~5350MHz

Mode	Channel	Test Band (RBW)	Measurement		Limit	
			Frequency (MHz)	Reading (dBm/MHz)	dBm/MHz	μW/MHz
802.11a	Low Channel	30MHz~5200MHz(1MHz)	2575.708	-34.82	-26.02	2.50
		5200Hz~5233.3MHz(1MHz)	5232.15	-30.80	-26.02	2.50
		5233.3MHz~5240MHz(1MHz)	5239.27	-21.55	-18.88	12.95
		5240MHz~5249MHz(1MHz)	5247.64	-11.64	-11.21	75.70
		5249MHz~5250MHz(1MHz)	5249.04	-10.81	-9.6	109.65
		5350MHz~5400MHz(1MHz)	5396.02	-32.49	-26.02	2.50
		5400MHz~26000MHz(1MHz)	25259.43	-33.16	-26.02	2.50
	Middle Channel	30MHz~5200MHz(1MHz)	3407.044	-34.40	-26.02	2.50
		5200Hz~5233.3MHz(1MHz)	5231.48	-32.79	-26.02	2.50
		5233.3MHz~5240MHz(1MHz)	5233.31	-34.02	-26.02	2.50
		5240MHz~5249MHz(1MHz)	5240.03	-33.10	-17.97	15.95
		5249MHz~5250MHz(1MHz)	5249.02	-33.10	-9.8	104.71
		5350MHz~5400MHz(1MHz)	5390.92	-32.91	-26.02	2.50
		5400MHz~26000MHz(1MHz)	25275.91	-32.49	-26.02	2.50
	High Channel	30MHz~5200MHz(1MHz)	3239.019	-34.51	-26.02	2.50
		5200Hz~5233.3MHz(1MHz)	5229.42	-33.19	-26.02	2.50
		5233.3MHz~5240MHz(1MHz)	5233.99	-33.80	-25.22	3.01
		5240MHz~5249MHz(1MHz)	5240.28	-33.66	-17.75	16.78
		5249MHz~5250MHz(1MHz)	5249.01	-33.71	-9.9	102.33
		5350MHz~5400MHz(1MHz)	5358.28	-32.31	-26.02	2.50
		5400MHz~26000MHz(1MHz)	24687.78	-33.05	-26.02	2.50

Mode	Channel	Test Band (RBW)	Measurement		Limit	
			Frequency (MHz)	Reading (dBm/MHz)	dBm/MHz	μW/MHz
802.11n20	Low Channel	30MHz~5200MHz(1MHz)	3555.6815	-34.36	-26.02	2.50
		5200Hz~5233.3MHz(1MHz)	5232.82	-31.25	-26.02	2.50
		5233.3MHz~5240MHz(1MHz)	5236.02	-27.86	-22.77	5.28
		5240MHz~5249MHz(1MHz)	5248.69	-11.14	-10.28	93.85
		5249MHz~5250MHz(1MHz)	5249.01	-10.71	-9.9	102.33
		5350MHz~5400MHz(1MHz)	5374.22	-33.21	-26.02	2.50
		5400MHz~26000MHz(1MHz)	25409.81	-33.44	-26.02	2.50
	Middle Channel	30MHz~5200MHz(1MHz)	2876.8605	-34.61	-26.02	2.50
		5200Hz~5233.3MHz(1MHz)	5231.05	-32.27	-26.02	2.50
		5233.3MHz~5240MHz(1MHz)	5233.66	-33.12	-25.61	2.75
		5240MHz~5249MHz(1MHz)	5241.09	-33.16	-17.03	19.81
		5249MHz~5250MHz(1MHz)	5249.01	-32.83	-9.9	102.33
		5350MHz~5400MHz(1MHz)	5380.73	-32.87	-26.02	2.50
		5400MHz~26000MHz(1MHz)	25407.75	-32.93	-26.02	2.50
	High Channel	30MHz~5200MHz(1MHz)	2637.748	-34.49	-26.02	2.50
		5200Hz~5233.3MHz(1MHz)	5200.52	-32.52	-26.02	2.50
		5233.3MHz~5240MHz(1MHz)	5233.85	-33.56	-25.40	2.90
		5240MHz~5249MHz(1MHz)	5241.69	-32.46	-16.50	22.40
		5249MHz~5250MHz(1MHz)	5249.01	-33.71	-9.9	102.33
		5350MHz~5400MHz(1MHz)	5394.53	-32.70	-26.02	2.50
		5400MHz~26000MHz(1MHz)	25764.13	-31.95	-26.02	2.50

Mode	Channel	Test Band	Measurements		Limit	
			Frequency (MHz)	Reading (dBm/MHz)	dBm/MHz	μW/MHz
802.11n40	Low Channel	30MHz~5200MHz	2315.3985	-34.95	-26.02	2.50
		5200MHz~5221.6MHz	5218.76	-30.76	-26.02	2.50
		5221.6MHz~5230MHz	5227.34	-24.72	-22.6	5.49
		5230MHz~5249MHz	5248.63	-14.38	-13.17	48.24
		5249MHz~5250MHz	5249.03	-14.17	-12.71	53.58
		5350MHz~5358.4MHz	5357.45	-32.72	-18.24	15
		5358.4MHz~5400MHz	5398.73	-32.80	-26.02	2.50
		5400MHz~26000MHz	25992.79	-32.38	-26.02	2.50
	High Channel	30MHz~5200MHz	3582.0485	-34.15	-26.02	2.50
		5200MHz~5221.6MHz	5218.52	-32.70	-26.02	2.50
		5221.6MHz~5230MHz	5224.45	-31.80	-24.34	3.68
		5230MHz~5249MHz	5230.96	-33.24	-20.60	8.70
		5249MHz~5250MHz	5249.00	-33.94	-13.01	50.00
		5350MHz~5358.4MHz	5350.19	-23.17	-18.24	15
		5358.4MHz~5400MHz	5359.29	-29.77	-26.02	2.50
		5400MHz~26000MHz	25319.17	-32.40	-26.02	2.50

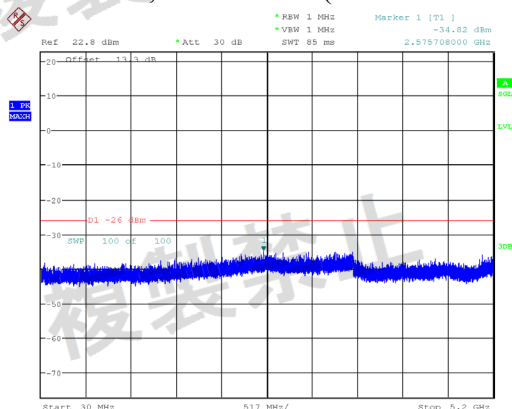
Mode	Channel	Test Band (RBW)	Measurement		Limit	
			Frequency (MHz)	Reading (dBm/MHz)	dBm/MHz	μW/MHz
802.11ac20	Low Channel	30MHz~5200MHz(1MHz)	2631.2855	-34.38	-26.02	2.50
		5200Hz~5233.3MHz(1MHz)	5232.78	-31.37	-26.02	2.50
		5233.3MHz~5240MHz(1MHz)	5235.31	-25.55	-23.63	4.34
		5240MHz~5249MHz(1MHz)	5248.62	-12.81	-10.34	92.52
		5249MHz~5250MHz(1MHz)	5249.00	-10.40	-10	100.00
		5350MHz~5400MHz(1MHz)	5388.83	-32.56	-26.02	2.50
		5400MHz~26000MHz(1MHz)	25922.75	-32.86	-26.02	2.50
	Middle Channel	30MHz~5200MHz(1MHz)	3199.21	-34.87	-26.02	2.50
		5200Hz~5233.3MHz(1MHz)	5218.76	-32.99	-26.02	2.50
		5233.3MHz~5240MHz(1MHz)	5233.55	-33.79	-25.74	2.67
		5240MHz~5249MHz(1MHz)	5240.19	-33.00	-17.75	16.78
		5249MHz~5250MHz(1MHz)	5249.06	-32.53	-9.3	117.49
		5350MHz~5400MHz(1MHz)	5396.53	-32.42	-17.83	16.48
		5400MHz~26000MHz(1MHz)	25426.29	-32.86	-9.4	114.82
	High Channel	30MHz~5200MHz(1MHz)	2525.559	-34.38	-26.02	2.50
		5200Hz~5233.3MHz(1MHz)	5231.02	-33.07	-26.02	2.50
		5233.3MHz~5240MHz(1MHz)	5233.91	-33.16	-26.02	2.50
		5240MHz~5249MHz(1MHz)	5240.18	-32.86	-26.02	2.50
		5249MHz~5250MHz(1MHz)	5249.01	-33.84	-25.3	2.95
		5350MHz~5400MHz(1MHz)	5367.18	-32.90	-17.84	16.44
		5400MHz~26000MHz(1MHz)	25224.41	-32.61	-9.9	102.33

Mode	Channel	Test Band (RBW)	Measurement		Limit	
			Frequency (MHz)	Reading (dBm/MHz)	dBm/MHz	μW/MHz
802.11ax20	Low Channel	30MHz~5200MHz(1MHz)	2580.878	-33.97	-26.02	2.50
		5200Hz~5233.3MHz(1MHz)	5225.62	-32.55	-26.02	2.50
		5233.3MHz~5240MHz(1MHz)	5233.67	-33.36	-25.59	2.76
		5240MHz~5249MHz(1MHz)	5248.80	-12.62	-10.18	95.99
		5249MHz~5249.8MHz(1MHz)	5249.14	-9.08	-8.6	138.04
		5249.8MHz~5250MHz(1MHz)	5249.81	-3.99	-1.73	670.91
		5350MHz~5400MHz(1MHz)	5376.78	-32.24	-26.02	2.50
		5400MHz~26000MHz(1MHz)	25276.94	-32.97	-26.02	2.50
	Middle Channel	30MHz~5200MHz(1MHz)	3590.3205	-34.65	-26.02	2.50
		5200Hz~5233.3MHz(1MHz)	5231.42	-32.39	-26.02	2.50
		5233.3MHz~5240MHz(1MHz)	5233.86	-33.60	-25.36	2.91
		5240MHz~5249MHz(1MHz)	5240.48	-32.21	-17.57	17.49
		5249MHz~5249.8MHz(1MHz)	5249.06	-33.82	-9.4	114.82
		5249.8MHz~5250MHz(1MHz)	5249.81	-33.35	-1.73	670.91
		5350MHz~5400MHz(1MHz)	5378.53	-32.54	-26.02	2.50
		5400MHz~26000MHz(1MHz)	25792.97	-32.64	-26.02	2.50
	High Channel	30MHz~5200MHz(1MHz)	2833.174	-35.01	-26.02	2.50
		5200Hz~5233.3MHz(1MHz)	5229.52	-32.51	-26.02	2.50
		5233.3MHz~5240MHz(1MHz)	5233.89	-33.34	-25.33	2.93
		5240MHz~5249MHz(1MHz)	5240.16	-33.75	-17.86	16.38
		5249MHz~5249.8MHz(1MHz)	5249.01	-34.23	-9.9	102.33
		5249.8MHz~5250MHz(1MHz)	5249.80	-33.42	-2	630.96
		5350MHz~5400MHz(1MHz)	5380.73	-33.02	-26.02	2.50
		5400MHz~26000MHz(1MHz)	25294.45	-31.85	-26.02	2.50

Please refer to the following plots for normal voltage test:

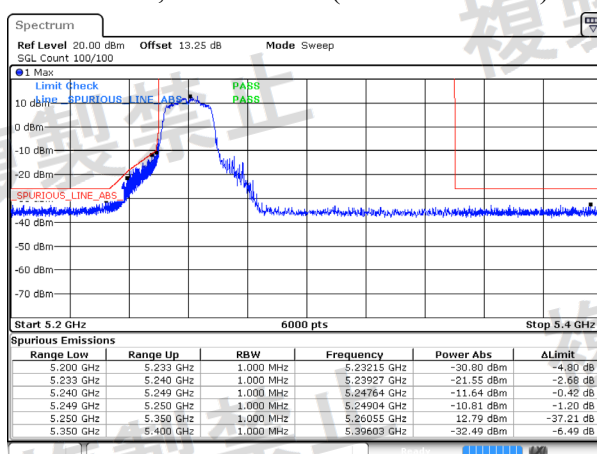
5250~5350MHz,

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



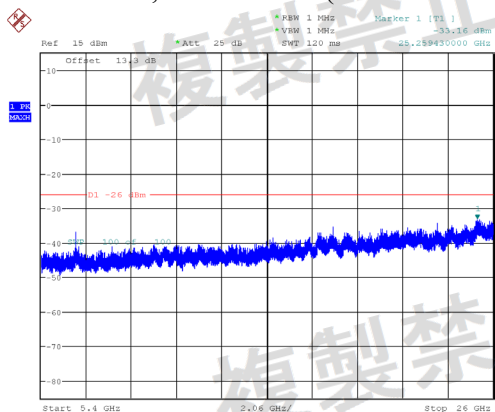
ProjectNo.:RKSA260113001 Tester:Neil Zhou
Date: 18.MAR.2026 16:17:16

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



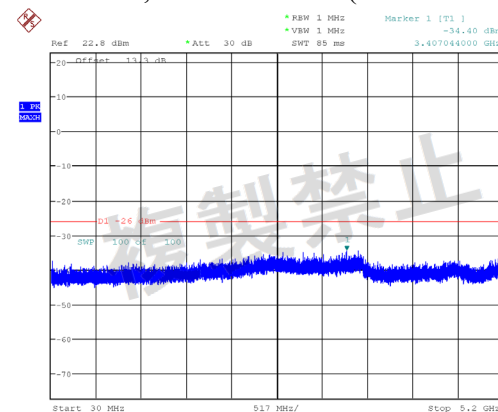
ProjectNo.:RKSA260113001 Tester:Neil Zhou
Date: 18.MAR.2026 10:46:09

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



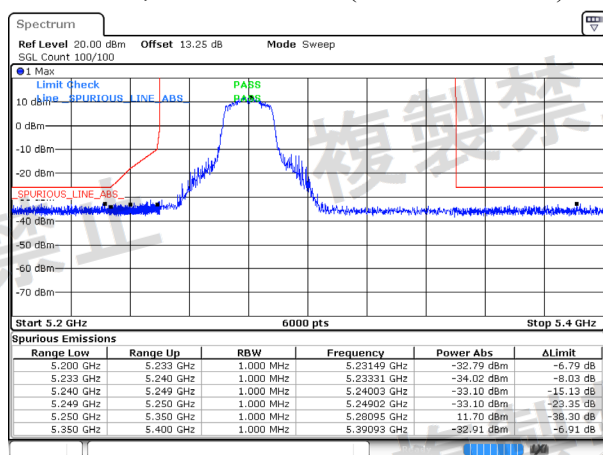
ProjectNo.:RKSA260113001 Tester:Neil Zhou
Date: 18.MAR.2026 16:17:16

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



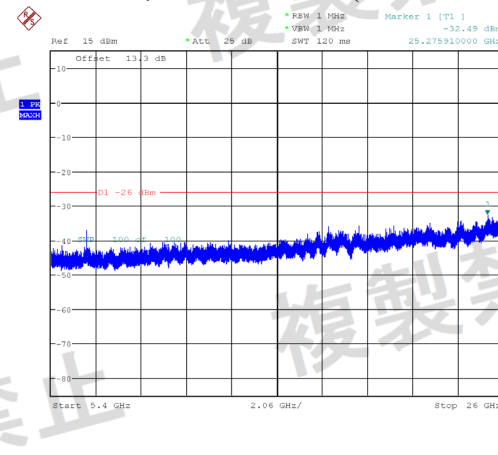
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802.11a, Middle Channel(5.2GHz~5.4GHz)



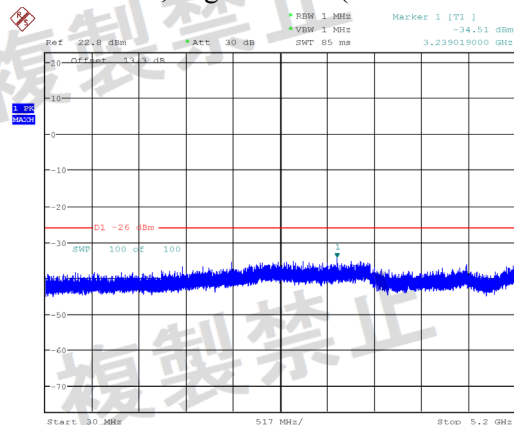
ProjectNo.:RKSA260113001 Tester:Neil Zhou
Date: 18.MAR.2026 10:46:53

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



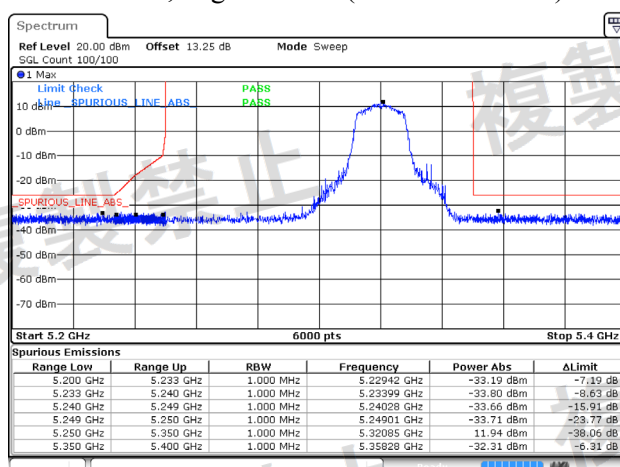
ProjectNo.:RKSA260113001 Tester:Neil Zhou
Date: 18.MAR.2026 16:24:26

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



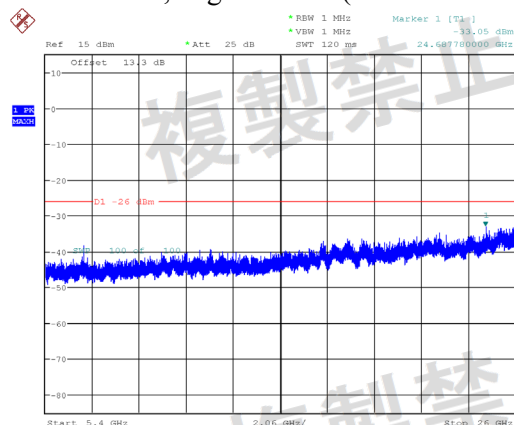
ProjectNo.:RKSA260113001 Tester:Neil Zhou
Date: 18.MAR.2026 16:28:48

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



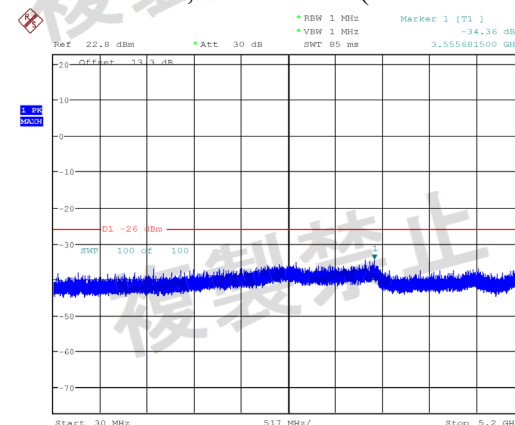
ProjectNo.:RKSA260113001 Tester:Neil Zhou
Date: 18.MAR.2026 10:47:53

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



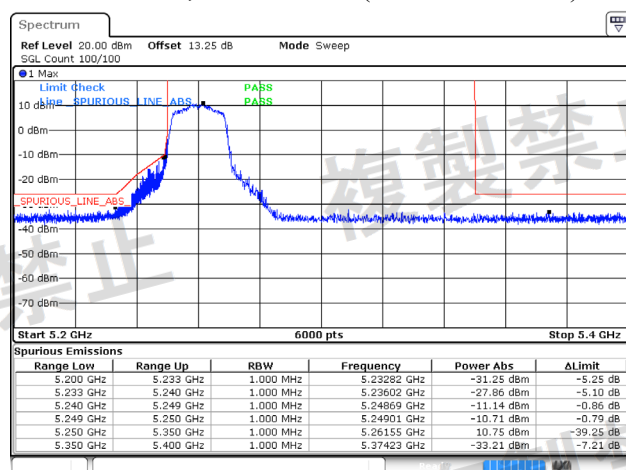
ProjectNo.:RKSA260113001 Tester:Neil Zhou
Date: 18.MAR.2026 16:29:29

802.11n20, Low Channel(30MHz~5.2GHz)



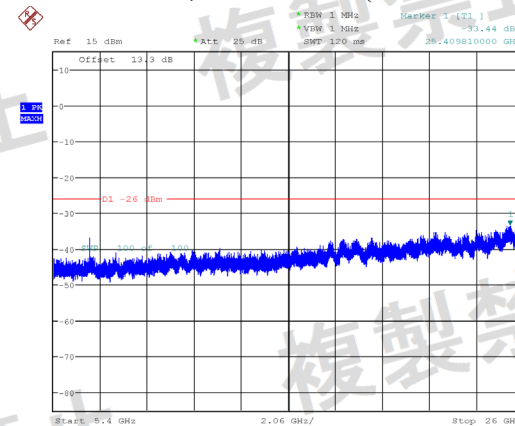
ProjectNo.:RKSA260113001 Tester:Neil Zhou
Date: 18.MAR.2026 16:36:04

802.11n20, Low Channel(5.2GHz~5.4GHz)



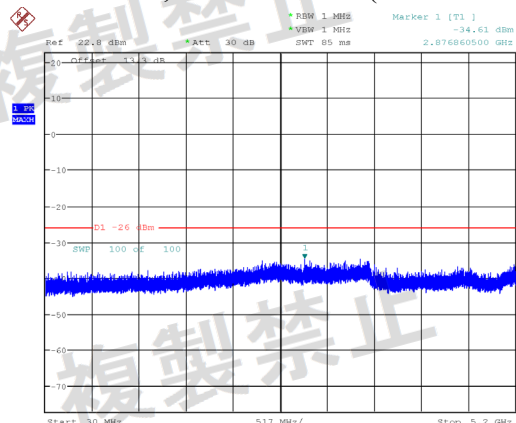
ProjectNo.:RKSA260113001 Tester:Neil Zhou
Date: 18.MAR.2026 10:50:34

802.11n20, Low Channel(5.4GHz~26GHz)



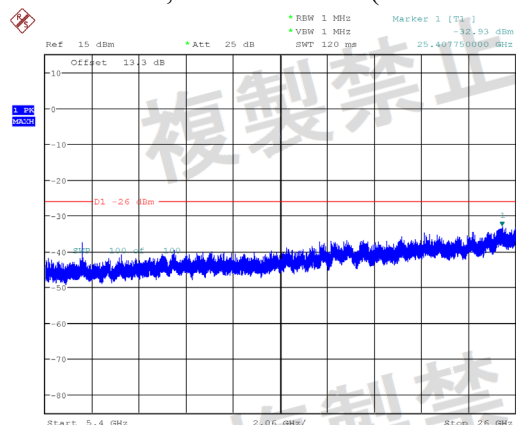
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Date: 18.MAR.2026 16:36:45

802.11n20, Middle Channel(30MHz~5.2GHz)



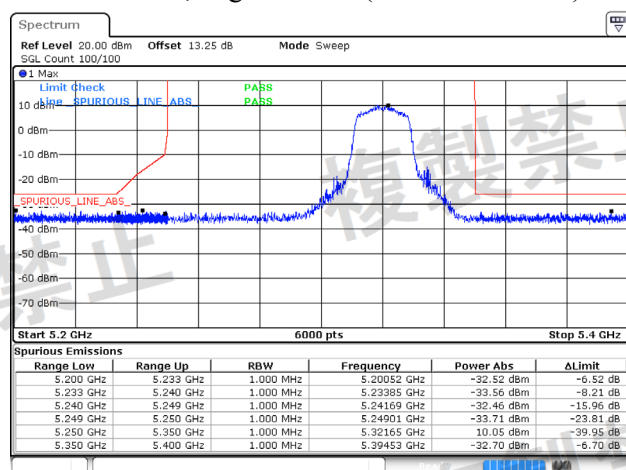
ProjectNo.:RKSA260113001 Tester:Neil Zhou
Date: 18.MAR.2026 16:41:44

802.11n20, Middle Channel(5.4GHz~26GHz)



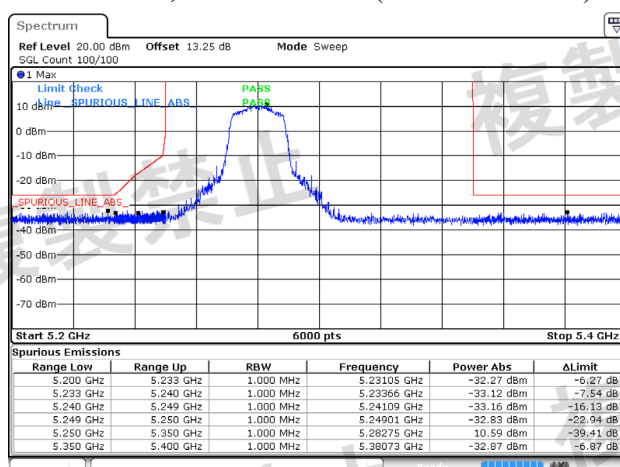
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Date: 18.MAR.2026 16:42:25

802.11n20, High Channel(5.2GHz~5.4GHz)



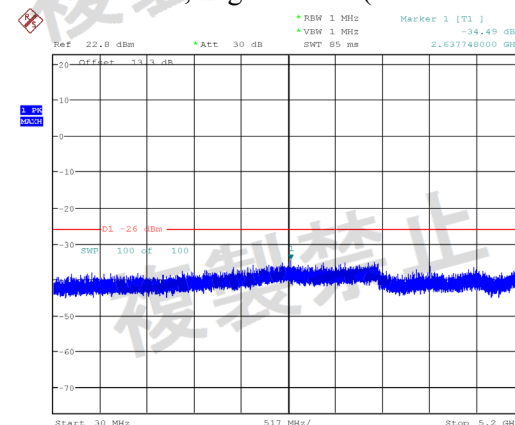
ProjectNo.:RKSA260113001 Tester:Neil Zhou
Date: 18.MAR.2026 10:51:57

802.11n20, Middle Channel(5.2GHz~5.4GHz)



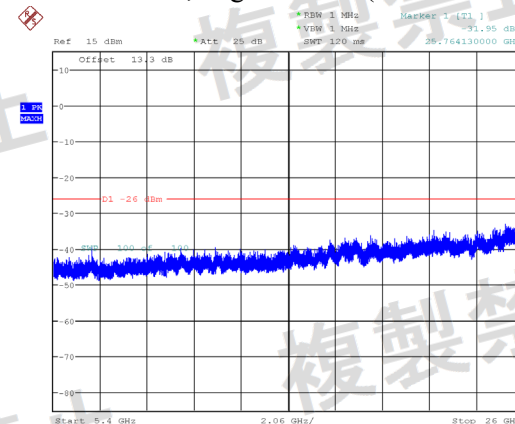
ProjectNo.:RKSA260113001 Tester:Neil Zhou
Date: 18.MAR.2026 10:51:18

802.11n20, High Channel(30MHz~5.2GHz)



ProjectNo.:RKSA260113001 Tester:Neil Zhou
Date: 18.MAR.2026 16:47:38

802.11n20, High Channel(5.4GHz~26GHz)



ProjectNo.:RKSA260113001 Tester:Neil Zhou
Date: 18.MAR.2026 16:48:18