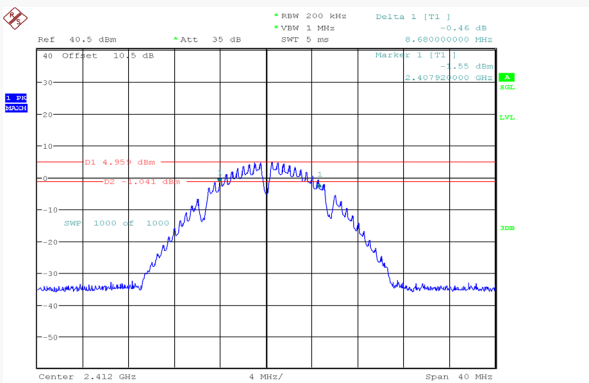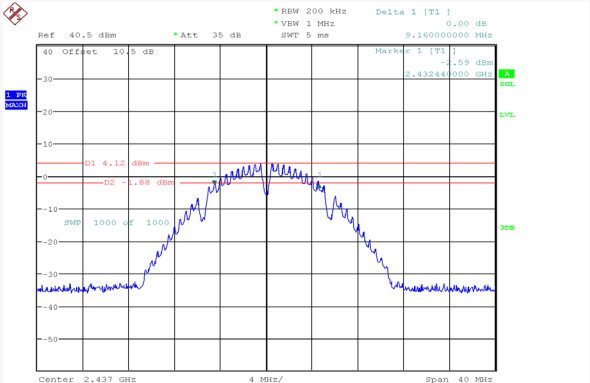**For Wi-Fi Mode:**

802.11b Mode Low Channel

ProjectNo.:RKSA250319001 Tester:Neil Zhou
Date: 22.APR.2025 09:48:42

802.11b Mode Middle Channel

ProjectNo.:RKSA250319001 Tester:Neil Zhou
Date: 22.APR.2025 10:00:40

802.11b Mode High Channel

ProjectNo.:RKSA250319001 Tester:Neil Zhou
Date: 22.APR.2025 10:11:35
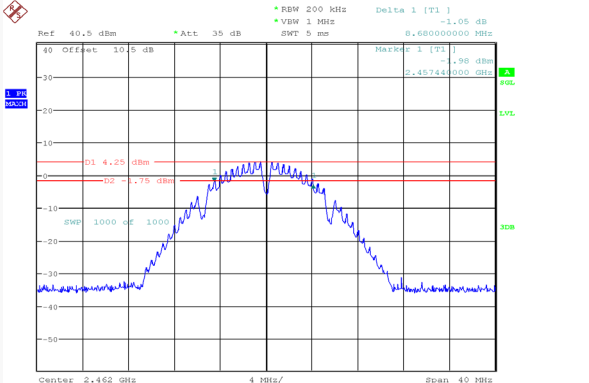
802.11g Mode Low Channel

ProjectNo.:RKSA250319001 Tester:Neil Zhou
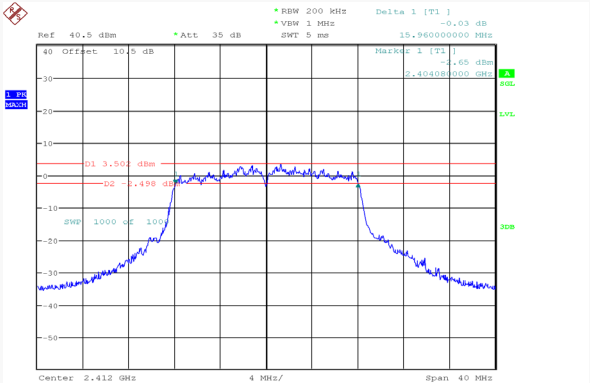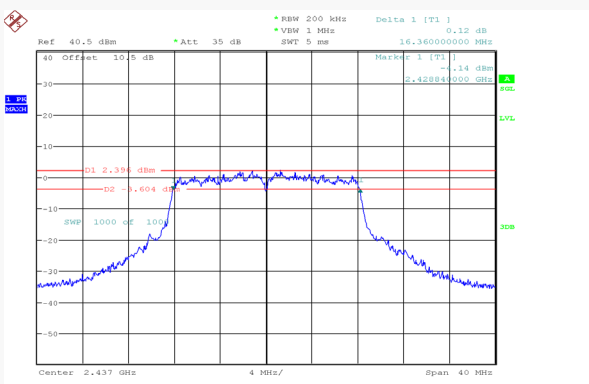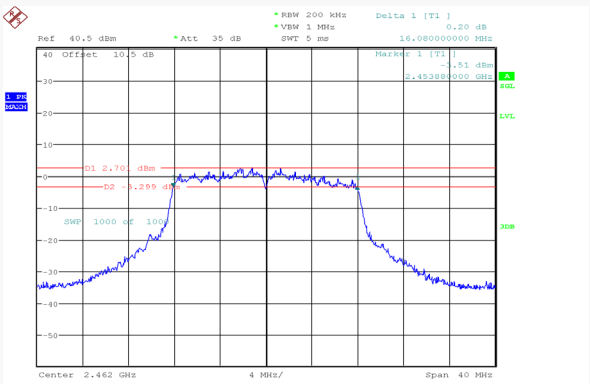Date: 22.APR.2025 10:24:54
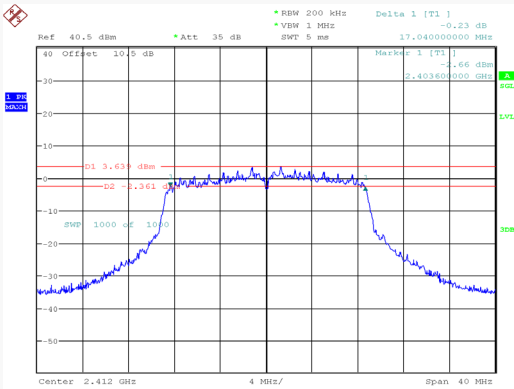
802.11g Mode Middle Channel

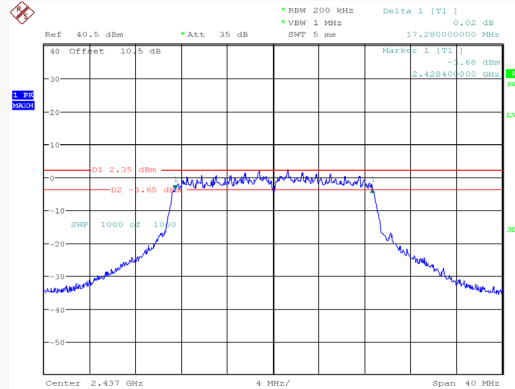ProjectNo.:RKSA250319001 Tester:Neil Zhou
Date: 22.APR.2025 10:38:26

802.11g Mode High Channel

ProjectNo.:RKSA250319001 Tester:Neil Zhou
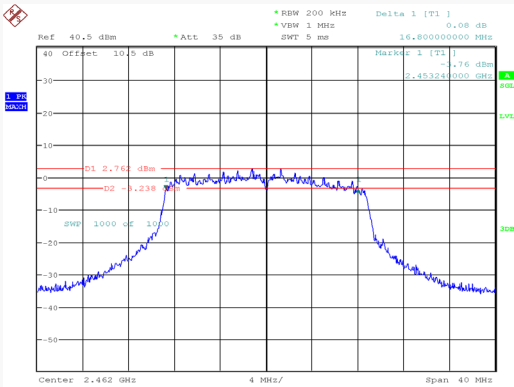Date: 22.APR.2025 10:52:01

802.11n-HT20 Mode Low Channel

802.11n-HT20 Mode Middle Channel

802.11n-HT20 Mode High Channel

802.11n-HT40 Mode Low Channel

802.11n-HT40 Mode Middle Channel

802.11n-HT40 Mode High Channel

For BLE Mode:
BLE (1 Mbps)

Low Channel	Middle Channel

ProjectNo.:RKSA250319001 Tester:Neil Zhou
Date: 23.APR.2025 09:38:20
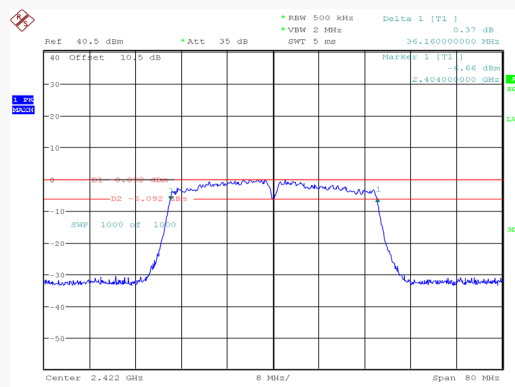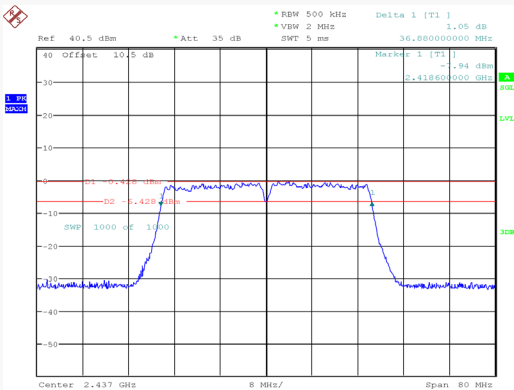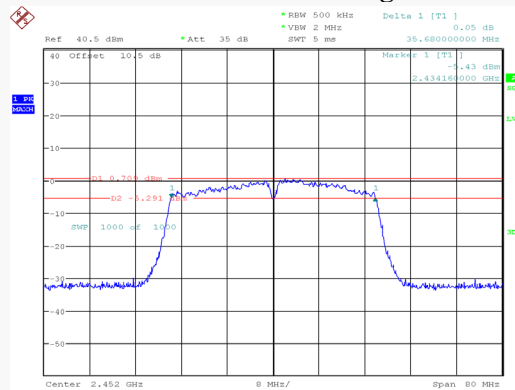

ProjectNo.:RKSA250319001 Tester:Neil Zhou
Date: 23.APR.2025 09:45:56

High Channel

ProjectNo.:RKSA250319001 Tester:Neil Zhou
Date: 23.APR.2025 09:55:48
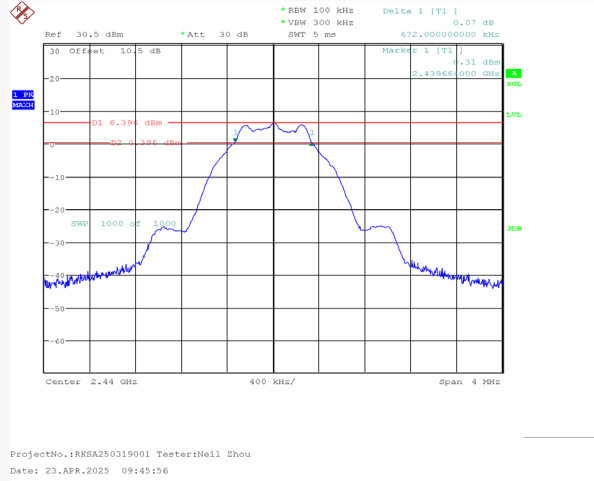
MAXIMUM CONDUCTED OUTPUT POWER

Environmental Conditions & Test Information

Test Date:	2025-04-23
Temperature:	25.5 ℃
Relative Humidity:	62 %
ATM Pressure:	101.3 kPa
Test Result:	Pass
Test Engineer:	Neil Zhou

Test Result: Compliant.

EUT operation mode: Transmitting

For Wi-Fi Mode:

Channel	Frequency (MHz)	Max Conducted Peak Output Power (dBm)	Average power (dBm)	Peak Output Power Limit (dBm)
802.11b Mode				
Low	2412	12.670	9.686	≤30
Middle	2437	12.661	9.747	≤30
High	2462	12.636	9.614	≤30
802.11g Mode				
Low	2412	13.701	8.917	≤30
Middle	2437	13.335	8.587	≤30
High	2462	13.388	8.514	≤30
802.11n-HT20 Mode				
Low	2412	13.776	8.728	≤30
Middle	2437	13.285	8.408	≤30
High	2462	13.496	8.315	≤30
802.11n-HT40 Mode				
Low	2422	12.936	6.124	≤30
Middle	2437	13.17	6.713	≤30
High	2452	12.838	6.395	≤30

BLE Mode:

Mode	Channel	Frequency (MHz)	Max Conducted Peak Output Power (dBm)	Limit (dBm)	Result
BLE (1 Mbps)	Low	2402	5.79	≤30	Pass
	Middle	2440	6.86	≤30	Pass
	High	2480	6.16	≤30	Pass

BLE (1 Mbps)

Low Channel
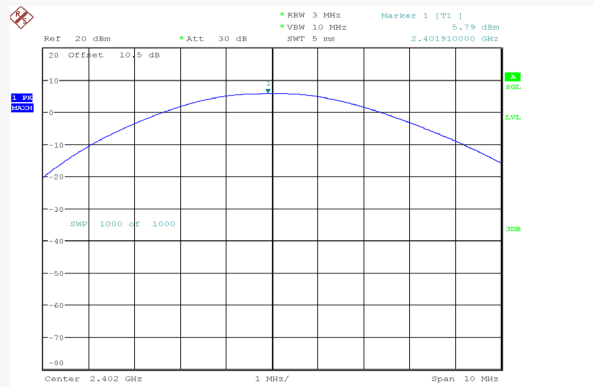
Middle Channel
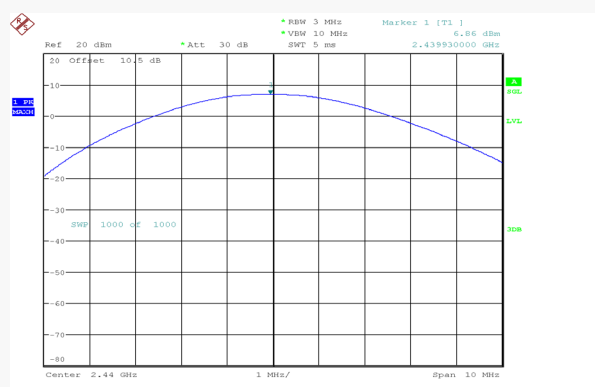
High Channel
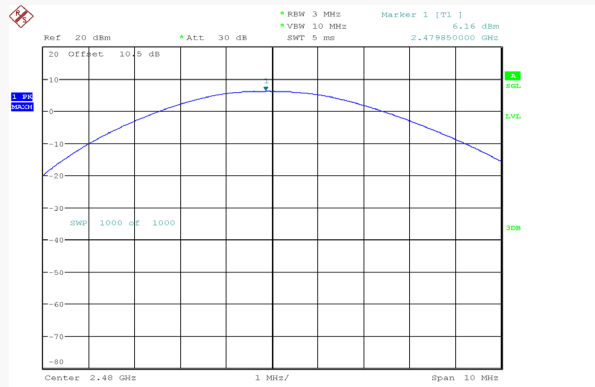
100 KHZ BANDWIDTH OF FREQUENCY BAND EDGE

Environmental Conditions & Test Information

Test Date:	2025-04-22~2025-04-23
Temperature:	24.9-25.5 ℃
Relative Humidity:	60-62 %
ATM Pressure:	100.2-101.3kPa
Test Result:	Pass
Test Engineer:	Neil Zhou

EUT operation mode: Transmitting

Test Result: Compliant

Mode	Channel	Test Frequency (MHz)	Result (dB)	Limit (dB)
802.11b	Low	2412	45.58	20
	High	2462	45.77	20
802.11g	Low	2412	32.78	20
	High	2462	43.19	20
802.11n20	Low	2412	32.29	20
	High	2462	43.32	20
802.11n40	Low	2422	36.01	20
	High	2452	37.32	20

Mode	Channel	Frequency (MHz)	Result (dB)	Limit (dB)
BLE (1 Mbps)	Low	2402	47.84	20
	High	2480	49.22	

For Wi-Fi Mode:

| 802.11b Mode Left Side	802.11b Mode Right Side

ProjectNo.:RKSA250319001 Tester:Neil Zhou
Date: 22.APR.2025 09:50:51
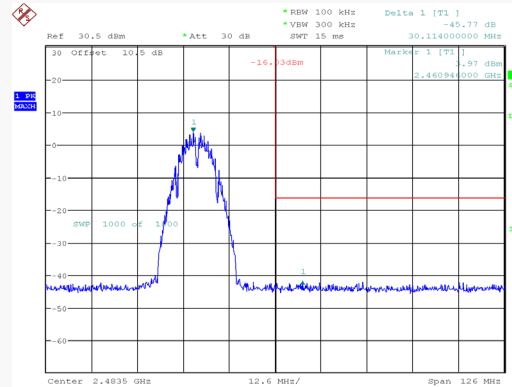
ProjectNo.:RKSA250319001 Tester:Neil Zhou
Date: 22.APR.2025 10:12:26

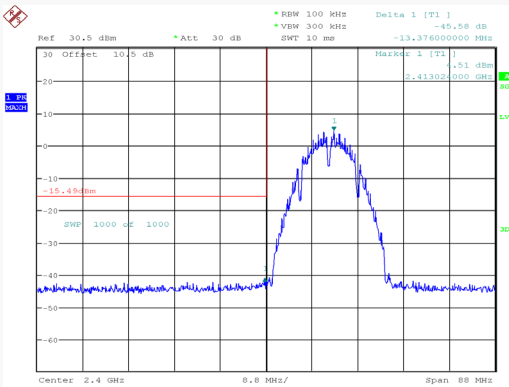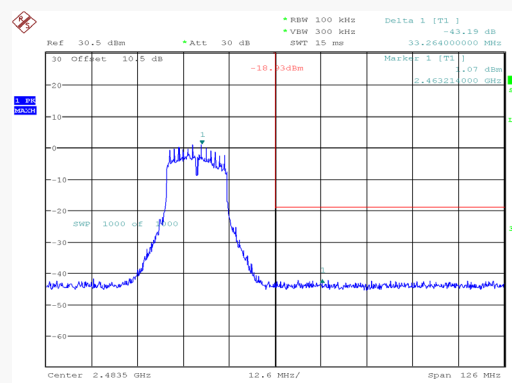| 802.11g Mode Left Side	802.11g Mode Right Side
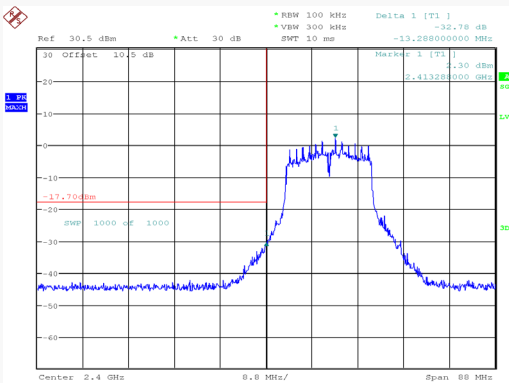
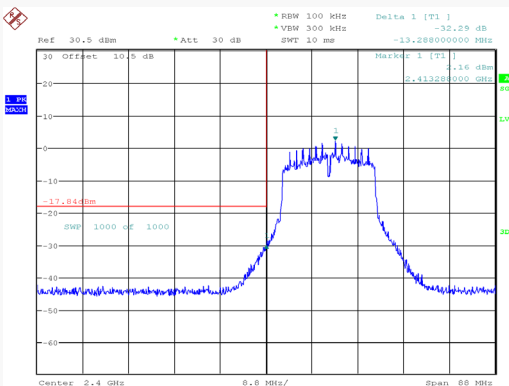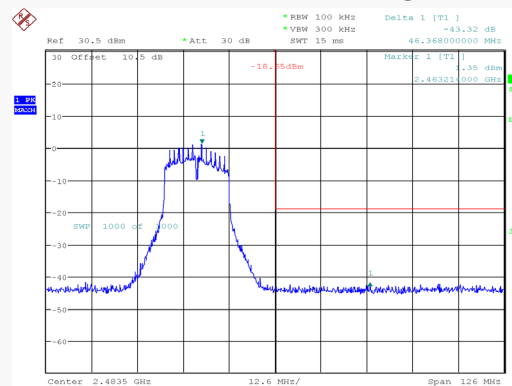ProjectNo.:RKSA250319001 Tester:Neil Zhou
Date: 22.APR.2025 10:25:44

ProjectNo.:RKSA250319001 Tester:Neil Zhou
Date: 22.APR.2025 10:52:50

802.11n-HT20 Mode Left Side	802.11n-HT20 Mode Right Side

ProjectNo.:RKSA250319001 Tester:Neil Zhou
Date: 22.APR.2025 11:06:58

ProjectNo.:RKSA250319001 Tester:Neil Zhou
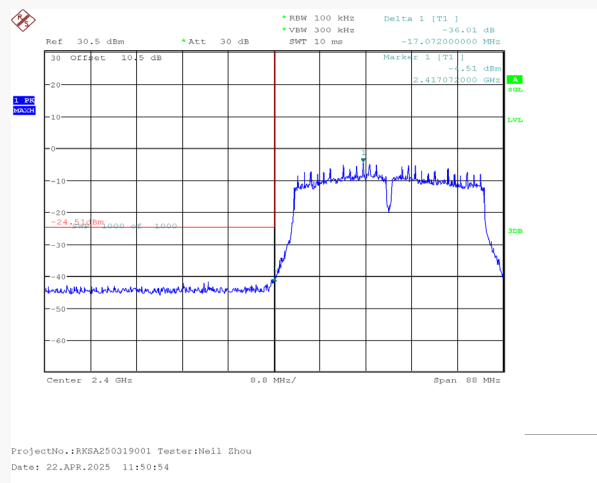Date: 22.APR.2025 11:34:40

802.11n-HT40 Mode Left Side

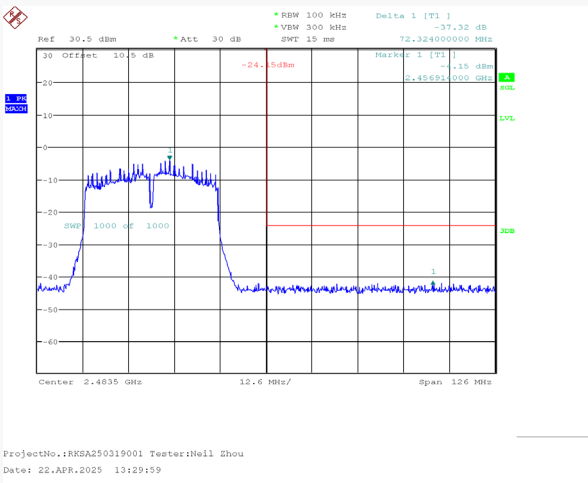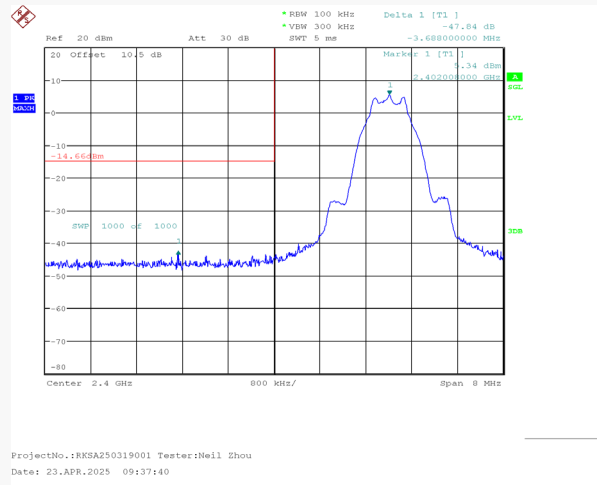ProjectNo.:RKSA250319001 Tester:Neil Zhou
Date: 22.APR.2025 11:50:54

802.11n-HT40 Mode Right Side

ProjectNo.:RKSA250319001 Tester:Neil Zhou
Date: 22.APR.2025 13:29:59

For BLE Mode:
BLE (1 Mbps)

Left Side

ProjectNo.:RKSA250319001 Tester:Neil Zhou
Date: 23.APR.2025 09:37:40

Right Side

ProjectNo.:RKSA250319001 Tester:Neil Zhou
Date: 23.APR.2025 09:54:55
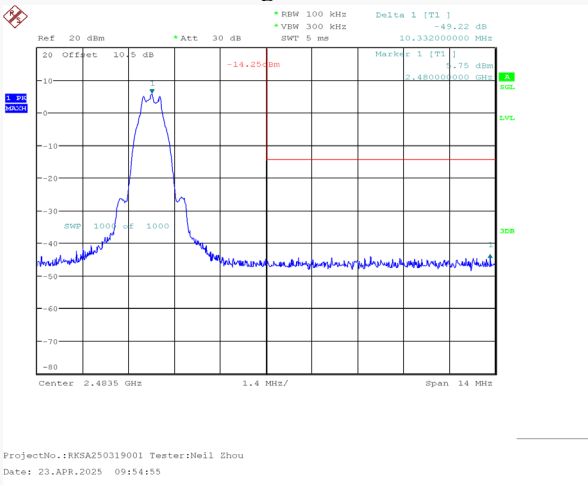
POWER SPECTRAL DENSITY

Environmental Conditions & Test Information

Test Date:	2025-04-22~2025-04-23
Temperature:	24.9-25.5 ℃
Relative Humidity:	60-62 %
ATM Pressure:	100.2-101.3kPa
Test Result:	Pass
Test Engineer:	Neil Zhou

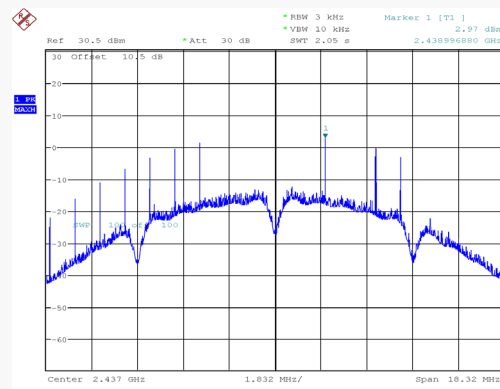**Test Result:** Compliant.

EUT operation mode: Transmitting

For Wi-Fi Mode:

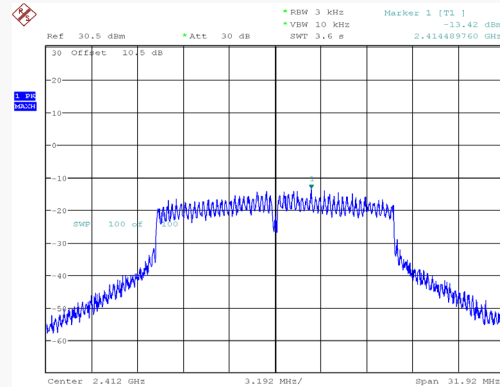| Channel	Frequency (MHz)	PSD (dBm/3kHz)	Limit (dBm/3kHz)	Result
802.11b Mode				
Low	2412	4.54	≤8	Pass
Middle	2437	2.97	≤8	Pass
High	2462	4.03	≤8	Pass
802.11g Mode				
Low	2412	-13.42	≤8	Pass
Middle	2437	-15.20	≤8	Pass
High	2462	-14.68	≤8	Pass
802.11n-HT20 Mode				
Low	2412	-13.68	≤8	Pass
Middle	2437	-14.16	≤8	Pass
High	2462	-13.79	≤8	Pass
802.11n-HT40 Mode				
Low	2422	-18.12	≤8	Pass
Middle	2437	-19.24	≤8	Pass
High	2452	-18.33	≤8	Pass

For BLE Mode:

Mode	Channel	Frequency (MHz)	PSD (dBm/3kHz)	Limit (dBm/3kHz)	Result
BLE (1 Mbps)	Low	2402	-9.45	≤8	Pass
	Middle	2440	-8.37	≤8	Pass
	High	2480	-9.05	≤8	Pass

For Wi-Fi Mode:

802.11b Low Channel
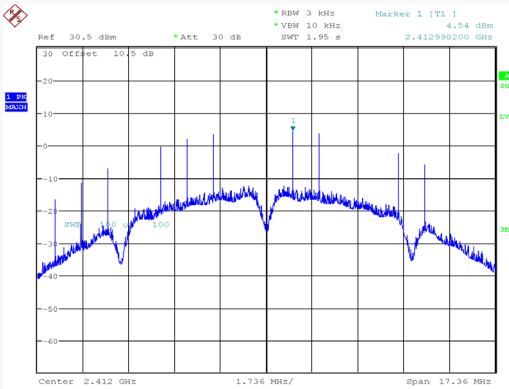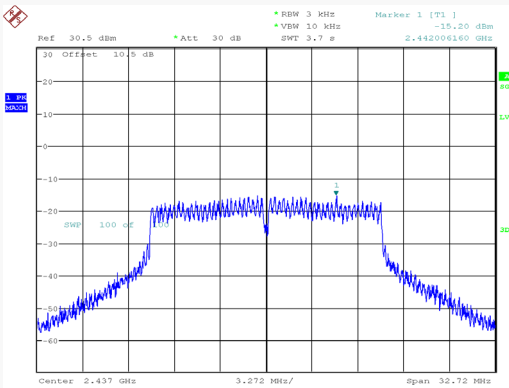
802.11b Middle Channel
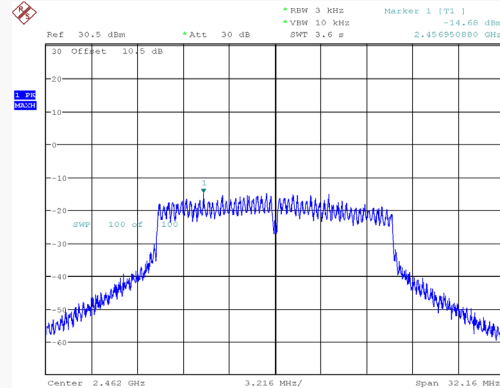
802.11b High Channel

802.11g Low Channel

802.11g Middle Channel

802.11g High Channel

802.11n-HT20 Low Channel

802.11n-HT20 Middle Channel

802.11n-HT20 High Channel

802.11n-HT40 Low Channel

802.11n-HT40 Middle Channel

802.11n-HT40 High Channel

For BLE Mode:
BLE (1 Mbps)

Low Channel

ProjectNo.:RKSA250319001 Tester:Neil Zhou
Date: 23.APR.2025 09:45:05

Middle Channel

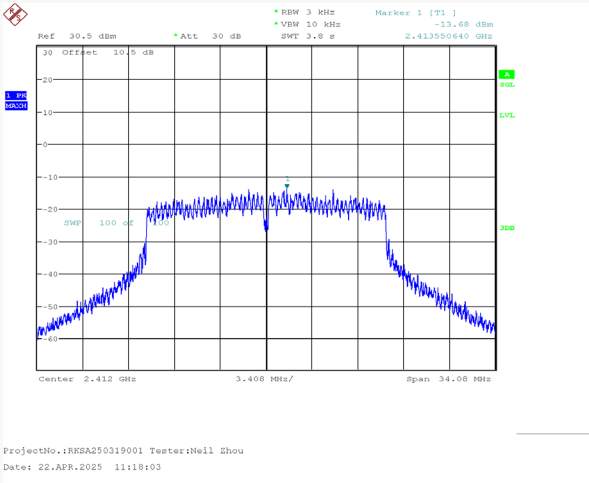ProjectNo.:RKSA250319001 Tester:Neil Zhou
Date: 23.APR.2025 09:53:45
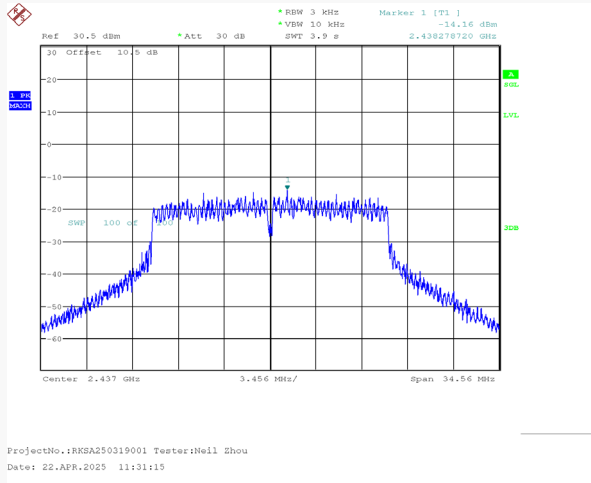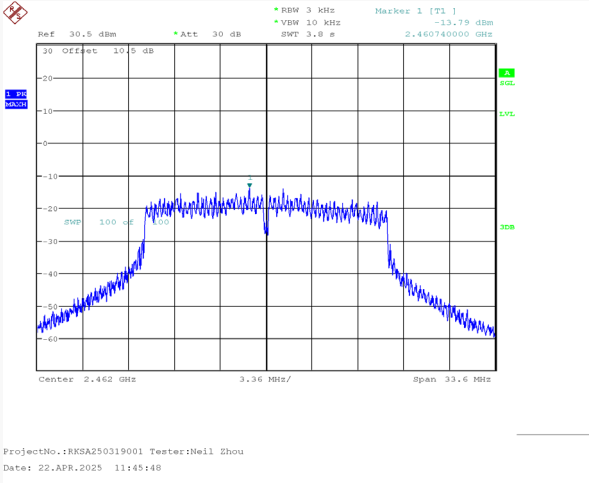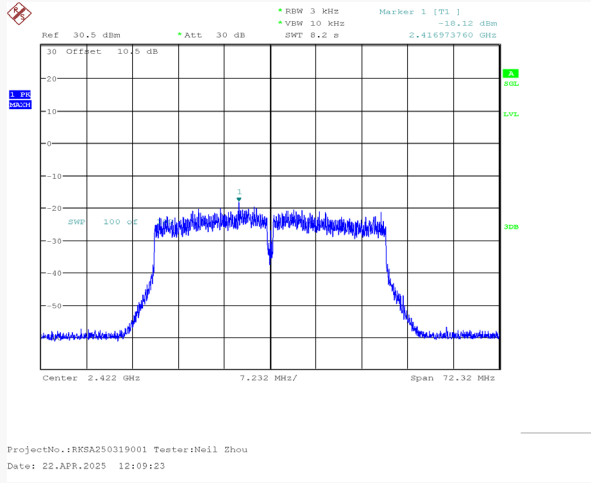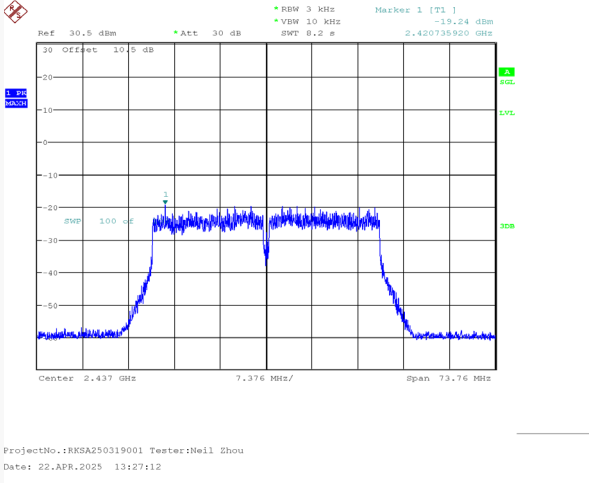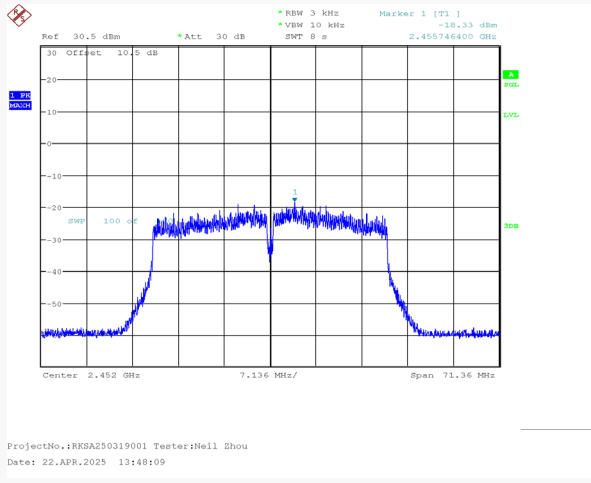
High Channel

ProjectNo.:RKSA250319001 Tester:Neil Zhou
Date: 23.APR.2025 10:04:04
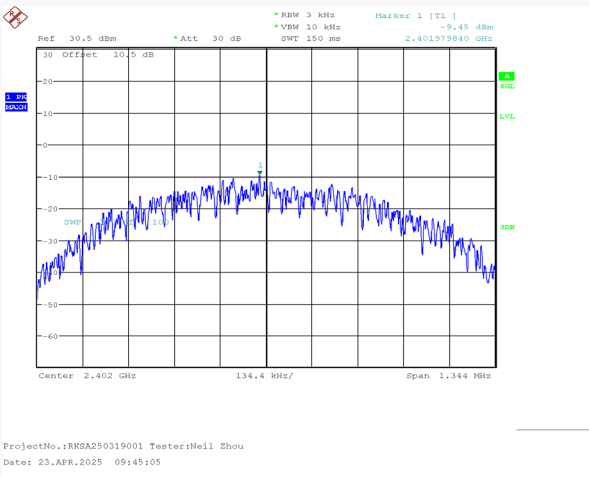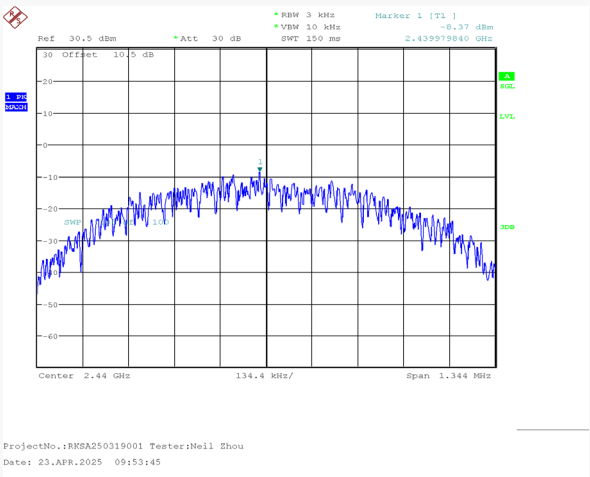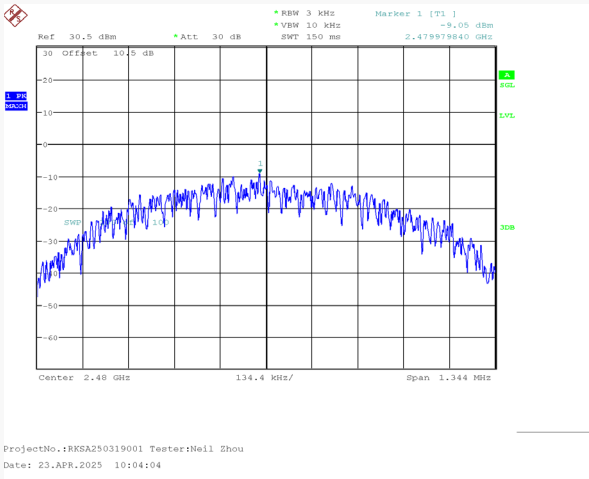
EUT PHOTOGRAPHS

Please refer to the attachment EXHIBIT A - EUT EXTERNAL PHOTOGRAPHS and EXHIBIT B - EUT INTERNAL PHOTOGRAPHS.

TEST SETUP PHOTOGRAPHS

Please refer to the attachment EXHIBIT C - TEST SETUP PHOTOGRAPHS.

Declarations

1. The laboratory is not responsible for the authenticity of any information provided by the applicant. Information from the applicant that may affect test results is marked with "★" .

2. The test data was only valid for the test sample(s).

3. This report is valid only with a valid digital signature. The digital signature may be available only under the Adobe software above version 7.0.

4. Otherwise required by the applicant or Product Regulations, Decision Rule in this report did not consider the uncertainty.

5. The extended uncertainty given in this report is obtained by combining the standard uncertainty times the coverage factor k=2 with the 95.45% confidence interval.

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