

6 dB EMISSION BANDWIDTH**Environmental Conditions & Test Information**

Test Date:	2025-08-23 ~ 2025-08-25
Temperature:	25.3℃ ~ 27.6℃
Relative Humidity:	47% ~ 54 %
ATM Pressure:	100.8 kPa ~ 101.2 kPa
Test Result:	Pass
Test Engineer:	Neil Zhou

Test Result: Compliant.

EUT operation mode: Transmitting

For Wi-Fi Mode:

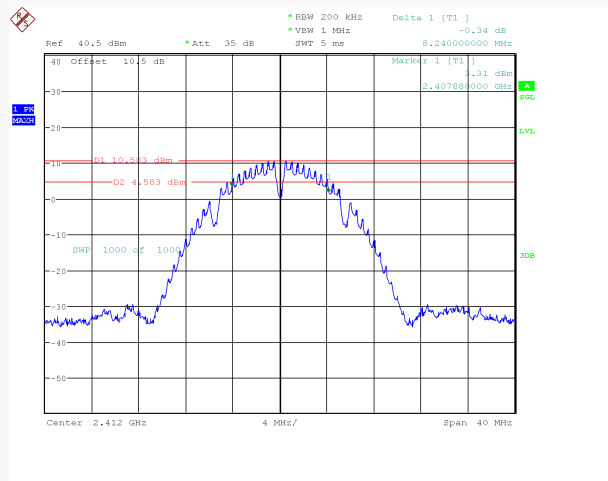
Channel	Frequency (MHz)	6 dB Emission Bandwidth (MHz)	Limit (MHz)	Result
802.11b Mode				
Low	2412	8.240	≥ 0.5	Pass
Middle	2437	8.240	≥ 0.5	Pass
High	2462	8.240	≥ 0.5	Pass
802.11g Mode				
Low	2412	16.080	≥ 0.5	Pass
Middle	2437	16.120	≥ 0.5	Pass
High	2462	16.080	≥ 0.5	Pass
802.11n-HT20 Mode				
Low	2412	17.360	≥ 0.5	Pass
Middle	2437	17.440	≥ 0.5	Pass
High	2462	17.320	≥ 0.5	Pass
802.11n-HT40 Mode				
Low	2422	35.680	≥ 0.5	Pass
Middle	2437	36.000	≥ 0.5	Pass
High	2452	36.000	≥ 0.5	Pass

For BLE Mode:

Mode	Channel	Frequency (MHz)	6 dB Emission Bandwidth (MHz)	Limit (MHz)	Result
BLE (1 Mbps)	Low	2402	0.672	≥ 0.5	Pass
	Middle	2440	0.672	≥ 0.5	Pass
	High	2480	0.676	≥ 0.5	Pass
BLE (2 Mbps)	Low	2402	1.182	≥ 0.5	Pass
	Middle	2440	1.182	≥ 0.5	Pass
	High	2480	1.182	≥ 0.5	Pass

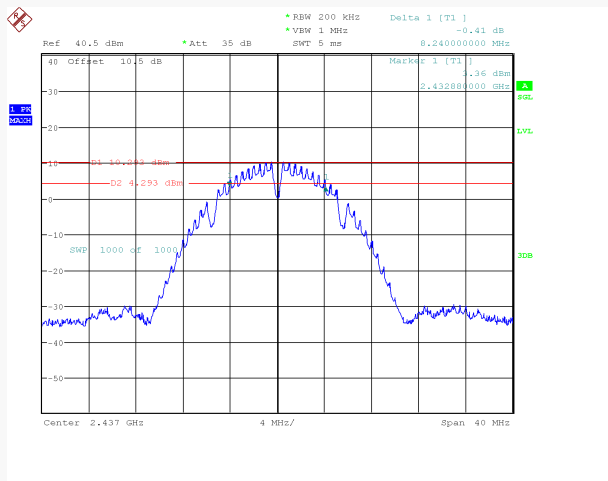
For Wi-Fi Mode:

802.11b_2412MHz



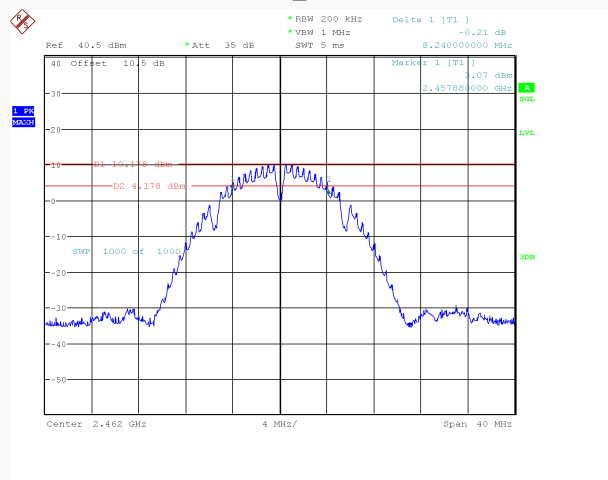
ProjectNo.:RKSA250728004 Tester:Neil Zhou
Date: 25.AUG.2025 10:49:18

802.11b_2437MHz



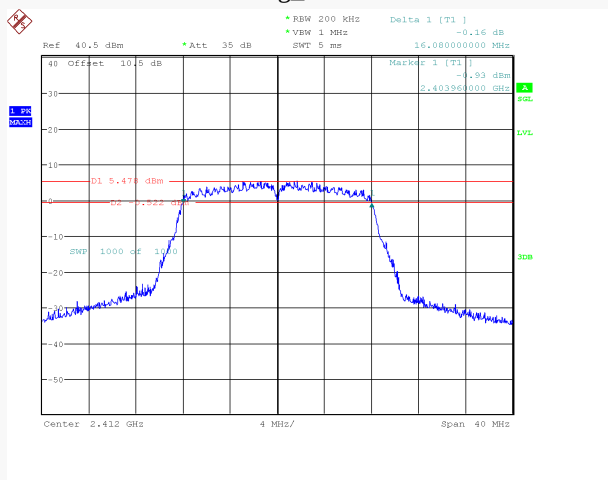
ProjectNo.:RKSA250728004 Tester:Neil Zhou
Date: 25.AUG.2025 11:00:54

802.11b_2462MHz



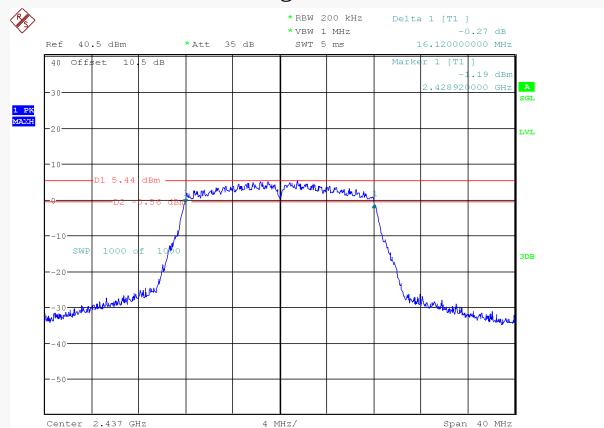
ProjectNo.:RKSA250728004 Tester:Neil Zhou
Date: 25.AUG.2025 11:15:04

802.11g_2412MHz



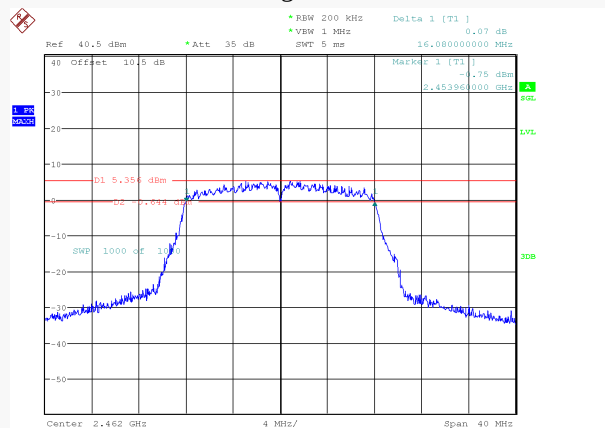
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Date: 25.AUG.2025 11:27:17

802.11g_2437MHz



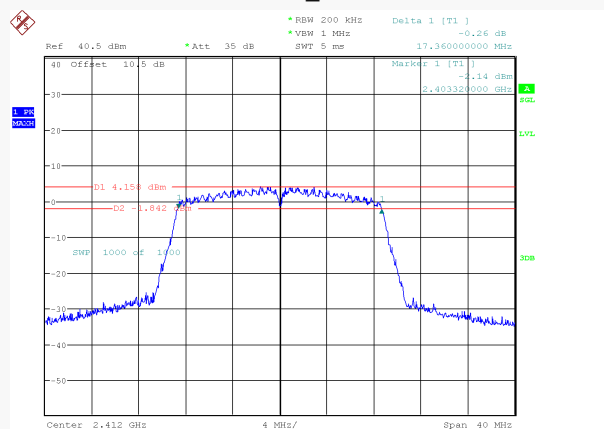
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Date: 25.AUG.2025 11:41:33

802.11g_2462MHz



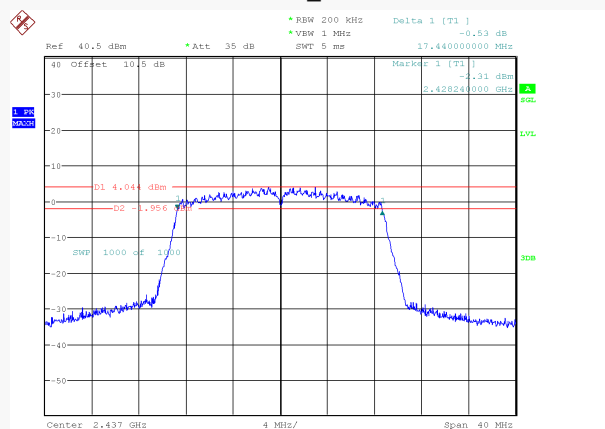
ProjectNo.:RKSA250728004 Tester:Neil Zhou
Date: 25.AUG.2025 11:56:31

802.11n20_2412MHz



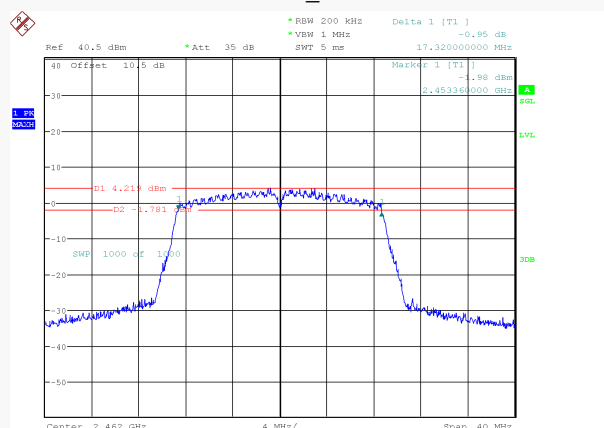
ProjectNo.:RKSA250728004 Tester:Neil Zhou
Date: 25.AUG.2025 13:11:50

802.11n20_2437MHz



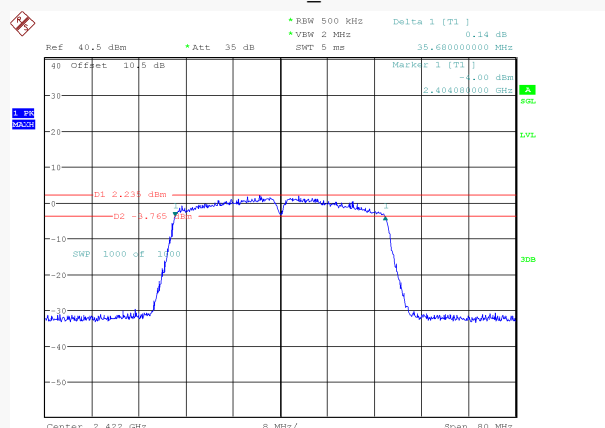
ProjectNo.:RKSA250728004 Tester:Neil Zhou
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802.11n20_2462MHz



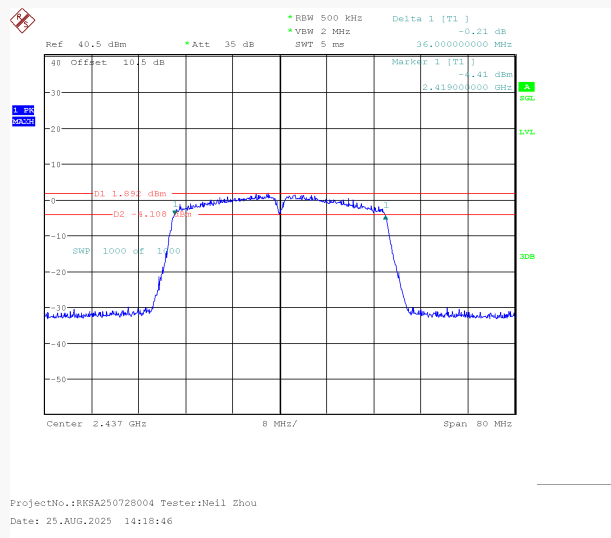
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802.11n40_2422MHz

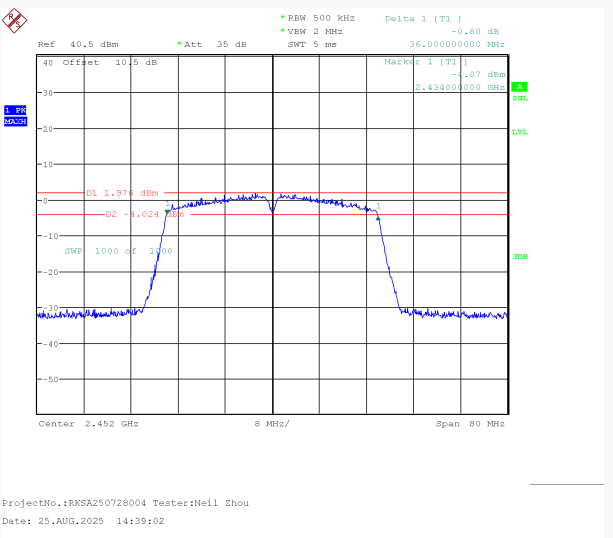


ProjectNo.:RKSA250728004 Tester:Neil Zhou
Date: 25.AUG.2025 13:57:41

802.11n40_2437MHz

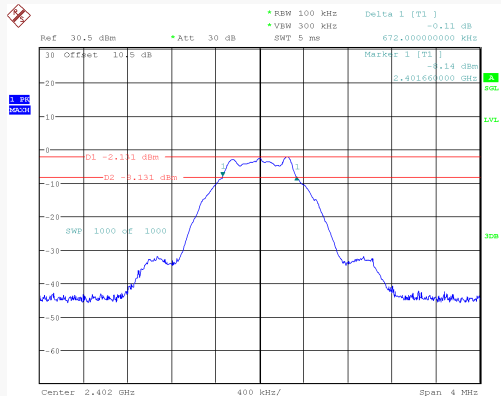


802.11n40_2452MHz



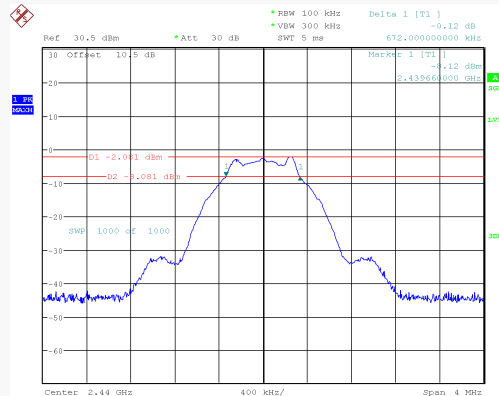
**For BLE Mode:
BLE (1 Mbps)**

Low Channel



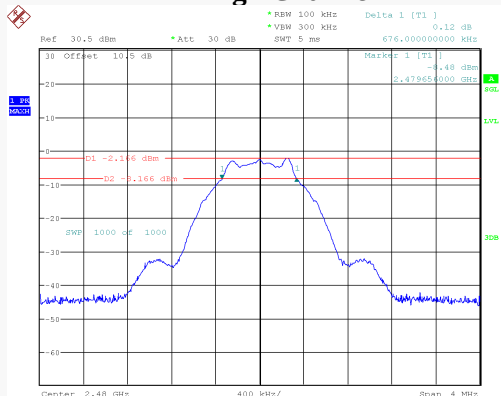
ProjectNo.:RKSA250728004 Tester:Neil Zhou
Date: 23.AUG.2025 09:36:07

Middle Channel



ProjectNo.:RKSA250728004 Tester:Neil Zhou
Date: 23.AUG.2025 09:46:57

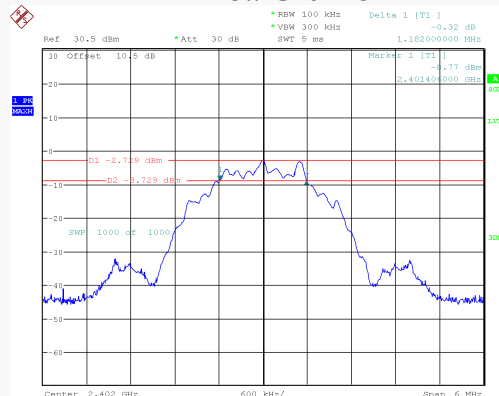
High Channel



ProjectNo.:RKSA250728004 Tester:Neil Zhou
Date: 23.AUG.2025 09:56:20

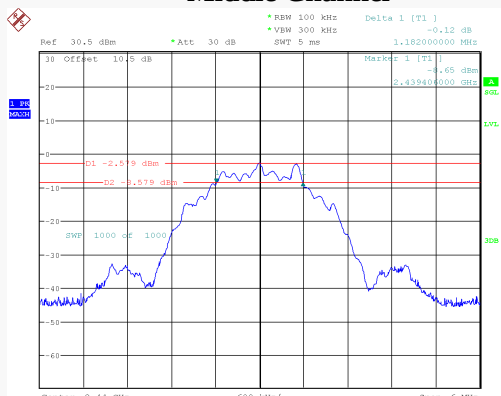
BLE (2 Mbps)

Low Channel



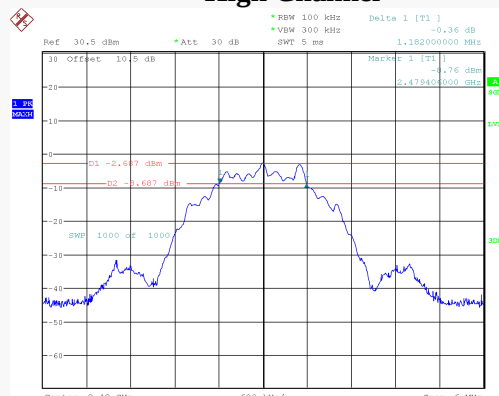
ProjectNo.:RKSA250728004 Tester:Neil Zhou
Date: 23.AUG.2025 10:06:47

Middle Channel



ProjectNo.:RKSA250728004 Tester:Neil Zhou
Date: 23.AUG.2025 10:21:06

High Channel



ProjectNo.:RKSA250728004 Tester:Neil Zhou
Date: 23.AUG.2025 10:30:54

MAXIMUM CONDUCTED OUTPUT POWER**Environmental Conditions & Test Information**

Test Date:	2025-08-23 ~ 2025-08-25
Temperature:	25.3℃ ~ 27.6℃
Relative Humidity:	47% ~ 54 %
ATM Pressure:	100.8 kPa ~ 101.2 kPa
Test Result:	Pass
Test Engineer:	Neil Zhou

Test Result: Compliant.*EUT operation mode: Transmitting***For Wi-Fi Mode:**

Channel	Frequency (MHz)	Average Output Power(dBm)	Peak Output Power(dBm)	Peak Output Power Limit (dBm)
802.11b Mode				
Low	2412	18.13	20.35	≤30
Middle	2437	17.90	20.11	≤30
High	2462	17.77	19.99	≤30
802.11g Mode				
Low	2412	14.34	23.66	≤30
Middle	2437	14.18	23.06	≤30
High	2462	14.16	23.45	≤30
802.11n-HT20 Mode				
Low	2412	13.40	23.25	≤30
Middle	2437	13.02	22.91	≤30
High	2462	13.02	23.03	≤30
802.11n-HT40 Mode				
Low	2422	9.91	20.34	≤30
Middle	2437	9.67	19.86	≤30
High	2452	9.76	20.00	≤30

BLE Mode:

Mode	Channel	Frequency (MHz)	Max Conducted Peak Output Power (dBm)	Limit (dBm)	Result
BLE (1 Mbps)	Low	2402	-1.58	≤30	Pass
	Middle	2440	-1.46	≤30	Pass
	High	2480	-1.57	≤30	Pass
BLE (2 Mbps)	Low	2402	-1.55	≤30	Pass
	Middle	2440	-1.42	≤30	Pass
	High	2480	-1.52	≤30	Pass

BLE (1 Mbps)

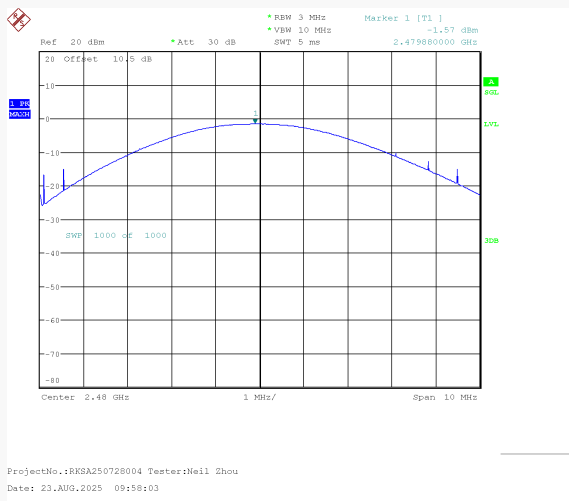
Low Channel



Middle Channel

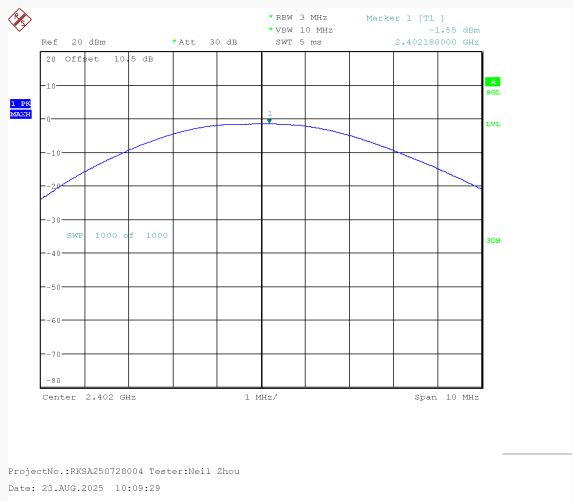


High Channel

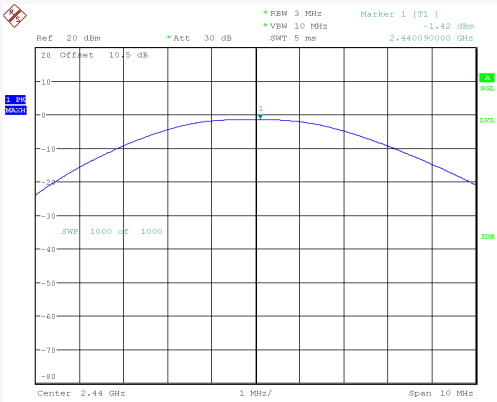


BLE (2 Mbps)

Low Channel

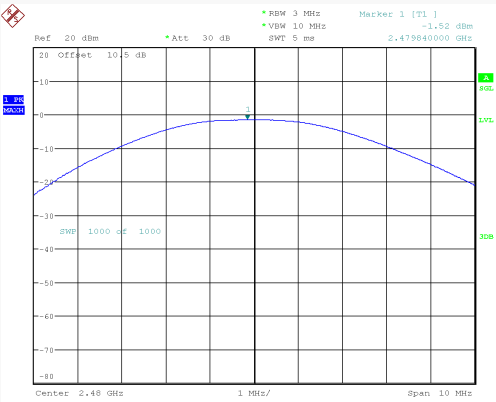


Middle Channel



ProjectNo.:RKSA250728004 Tester:Neil Zhou
Date: 23.AUG.2025 10:22:07

High Channel



ProjectNo.:RKSA250728004 Tester:Neil Zhou
Date: 23.AUG.2025 10:32:41

100 KHZ BANDWIDTH OF FREQUENCY BAND EDGE**Environmental Conditions & Test Information**

Test Date:	2025-08-23 ~ 2025-08-25
Temperature:	25.3°C ~ 27.6°C
Relative Humidity:	47% ~ 54 %
ATM Pressure:	100.8 kPa ~ 101.2 kPa
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	43.76	20
	High	2462	51.34	20
802.11g	Low	2412	31.37	20
	High	2462	41.92	20
802.11n20	Low	2412	31.99	20
	High	2462	40.92	20
802.11n40	Low	2422	32.31	20
	High	2452	36.11	20

Mode	Channel	Frequency (MHz)	Result (dB)	Limit (dB)
BLE (1 Mbps)	Low	2402	41.98	20
	High	2480	41.79	
BLE (2 Mbps)	Low	2402	29.99	20
	High	2480	41.56	

802.11b Mode Left Side



ProjectNo.:RKSA250728004 Tester:Neil Zhou
Date: 25.AUG.2025 11:16:07

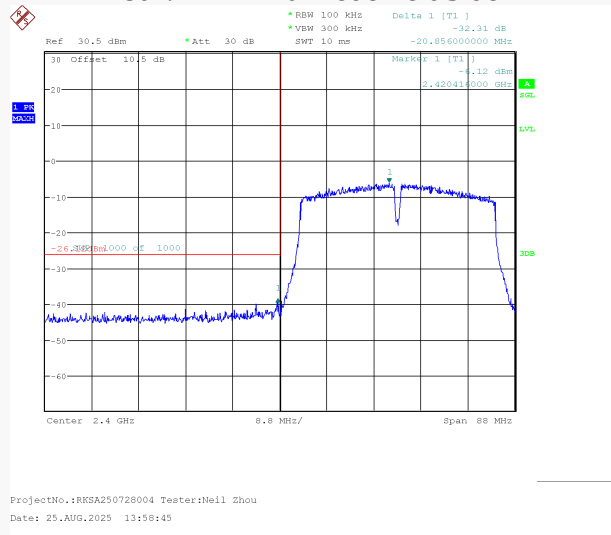
ProjectNo.:RKSA250728004 Tester:Neil Zhou
Date: 25.AUG.2025 11:28:23

ProjectNo.:RKSA250728004 Tester:Neil Zhou
Date: 25.AUG.2025 11:57:35

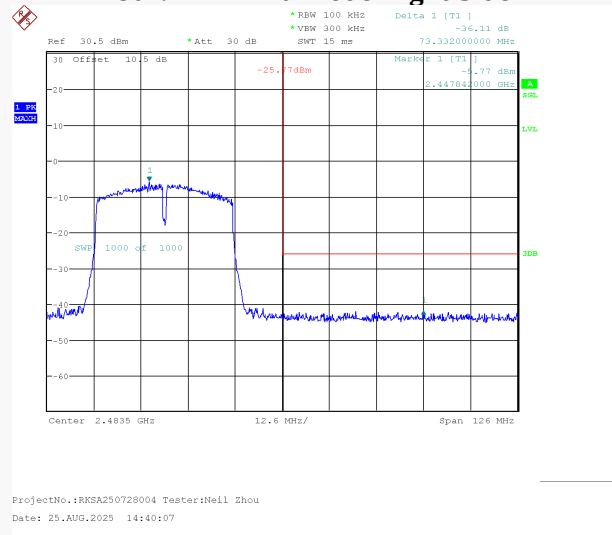
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Date: 25.AUG.2025 13:12:54

ProjectNo.:RKSA250728004 Tester:Neil Zhou
Date: 25.AUG.2025 13:43:46

802.11n-HT40 Mode Left Side

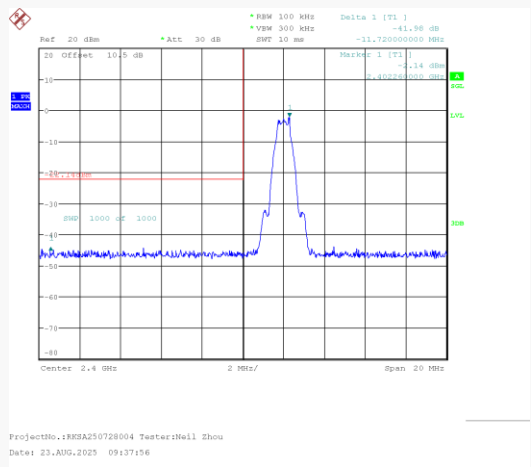


802.11n-HT40 Mode Right Side

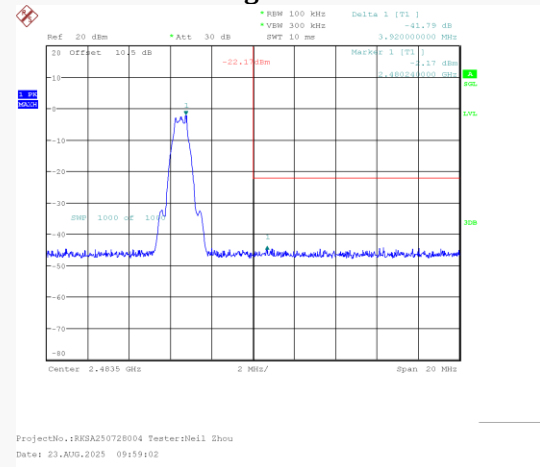


For BLE Mode:
BLE (1 Mbps)

Left Side

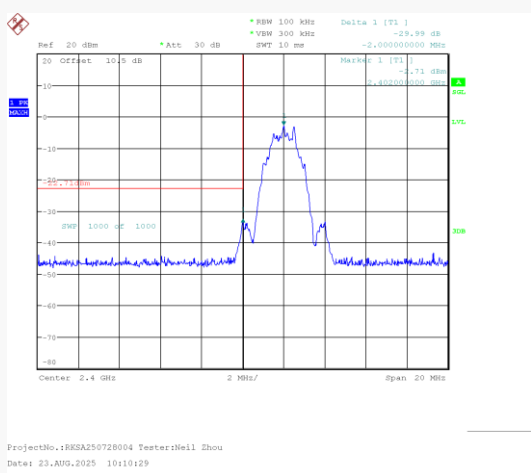


Right Side

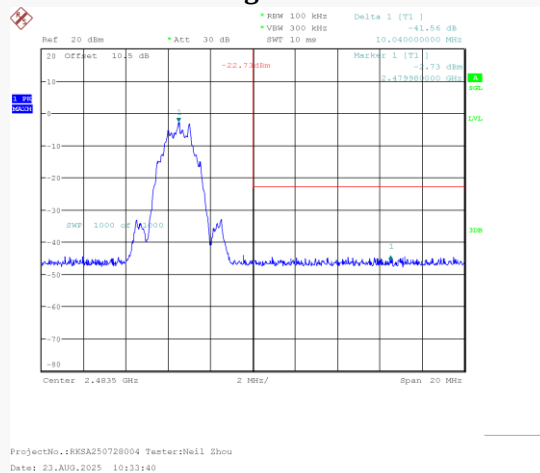


BLE (2 Mbps)

Left Side



Right Side



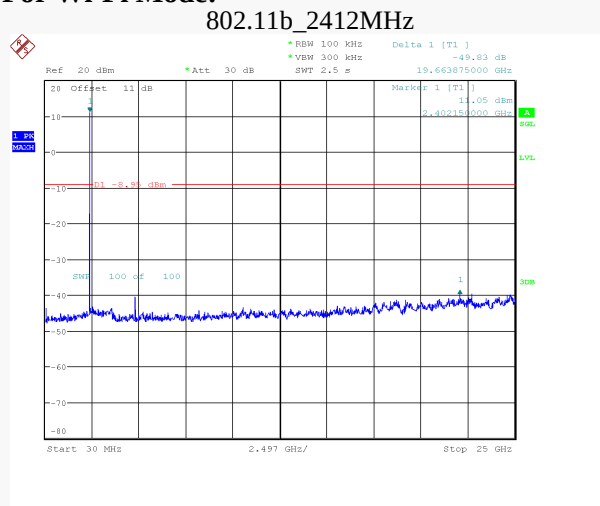
CONDUCTED SPURIOUS EMISSION**Environmental Conditions & Test Information**

Test Date:	2025-10-16
Temperature:	25.1 °C
Relative Humidity:	52 %
ATM Pressure:	102.1 kPa
Test Result:	Pass
Test Engineer:	Neil Zhou

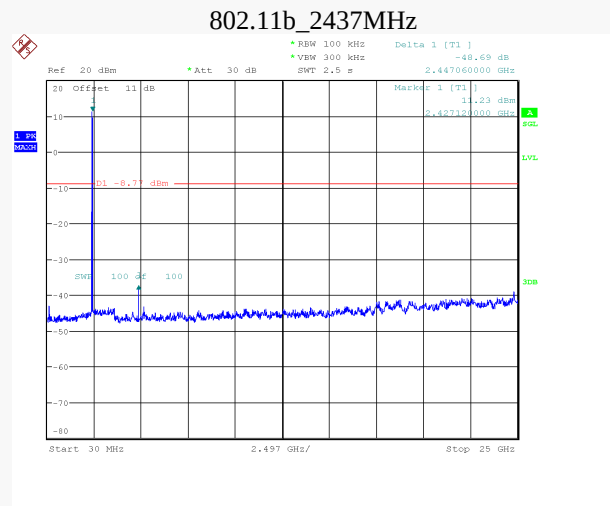
Mode	Channel	Frequency (MHz)	Result (dB)	Limit (dB)
802.11b	Low	2412	49.83	20
	Middle	2437	48.69	20
	High	2462	48.53	20
802.11g	Low	2412	41.71	20
	Middle	2437	41.17	20
	High	2462	41.04	20
802.11n20	Low	2412	40.62	20
	Middle	2437	39.32	20
	High	2462	39.93	20
802.11n40	Low	2422	34.58	20
	Middle	2437	34.02	20
	High	2452	33.09	20

Mode	Channel	Frequency (MHz)	Result (dB)	Limit (dB)
BLE (1 Mbps)	Low	2402	38.85	20
	Middle	2440	38.70	20
	High	2480	39.08	20
BLE (2 Mbps)	Low	2402	37.76	20
	Middle	2440	36.00	20
	High	2480	37.16	20

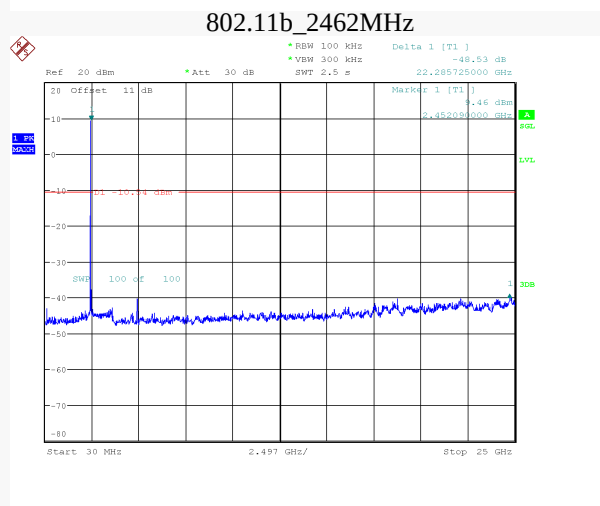
For Wi-Fi Mode:



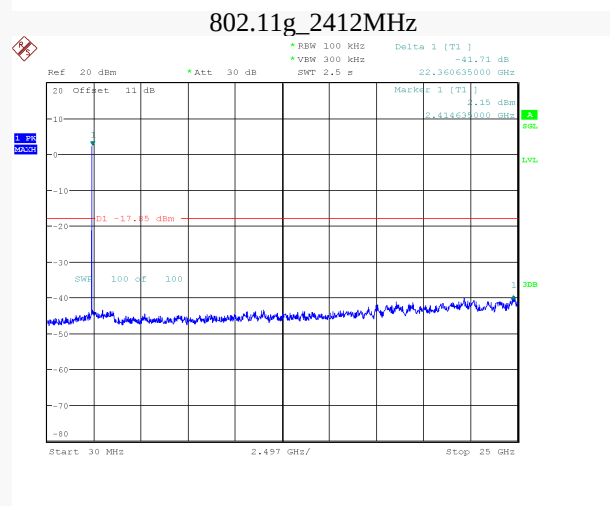
ProjectNo.:RKSA250728004 Tester:Neil Zhou
Date: 16.OCT.2025 17:41:29



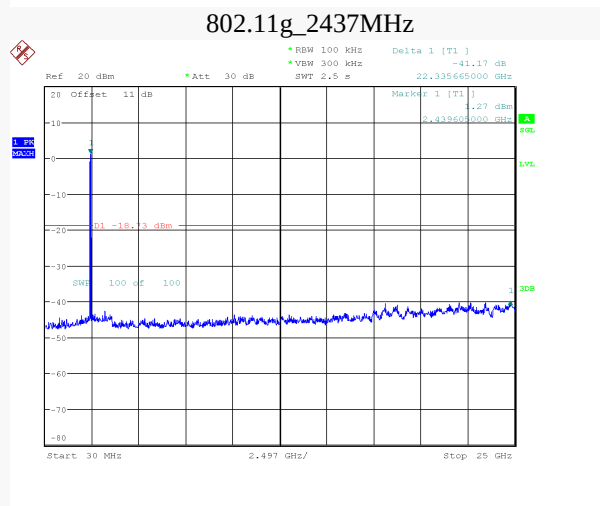
ProjectNo.:RKSA250728004 Tester:Neil Zhou
Date: 16.OCT.2025 17:47:24



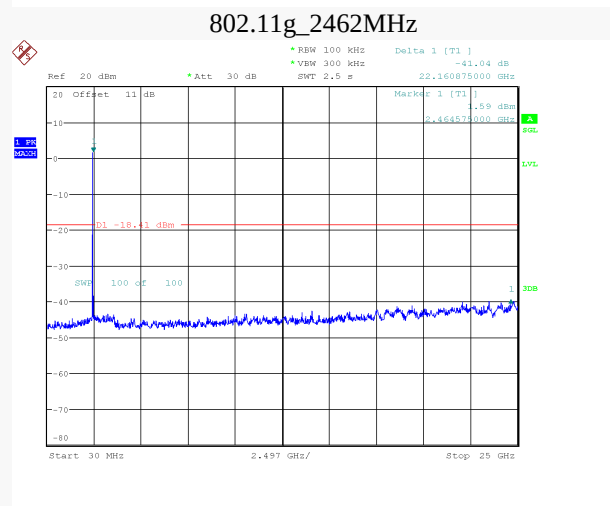
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Date: 16.OCT.2025 17:55:30



ProjectNo.:RKSA250728004 Tester:Neil Zhou
Date: 16.OCT.2025 18:24:09

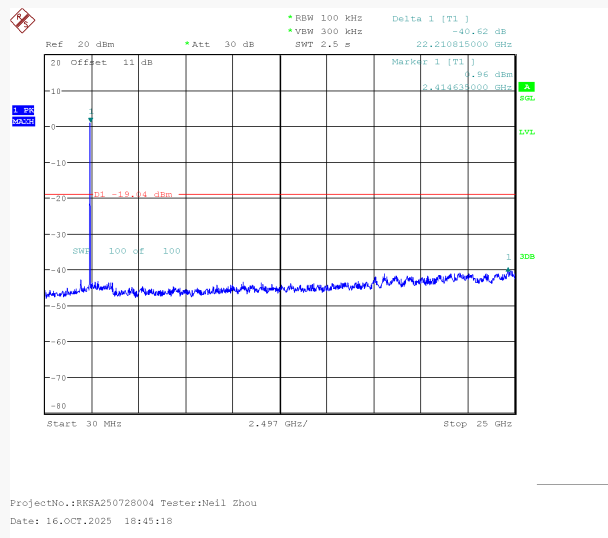


ProjectNo.:RKSA250728004 Tester:Neil Zhou
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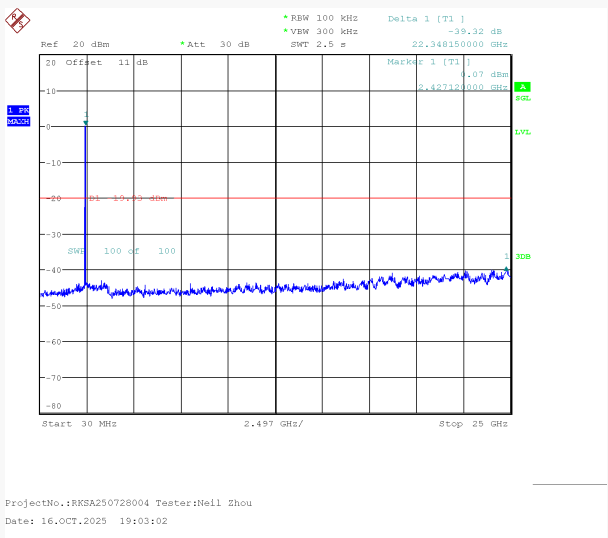


ProjectNo.:RKSA250728004 Tester:Neil Zhou
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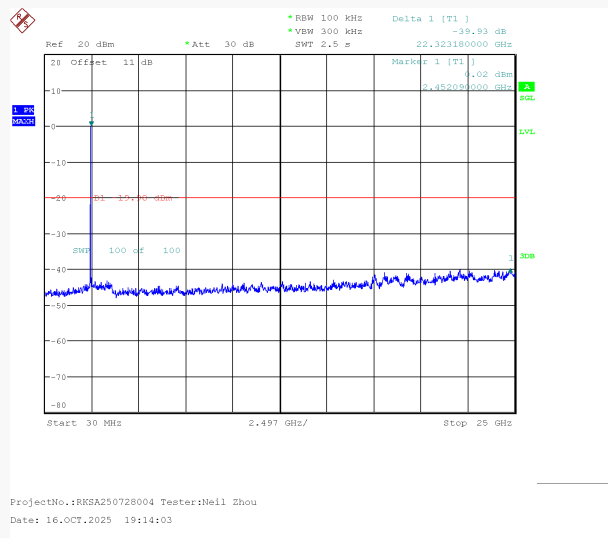
802.11n20_2412MHz



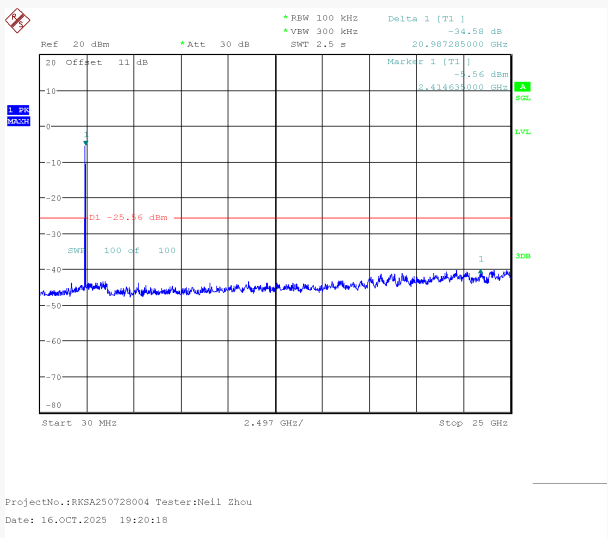
802.11n20_2437MHz



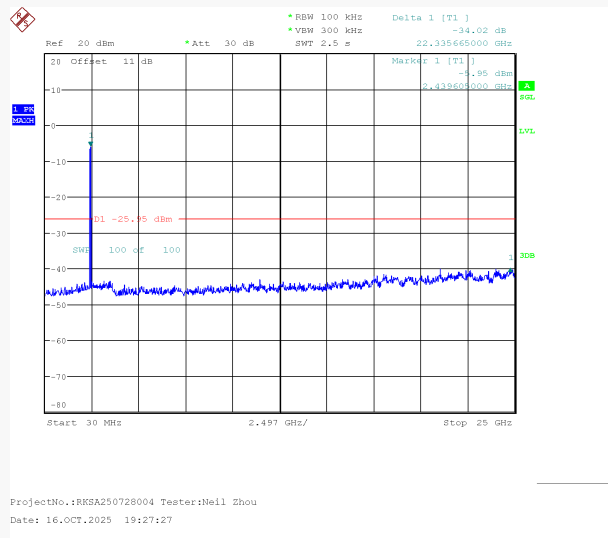
802.11n20_2462MHz



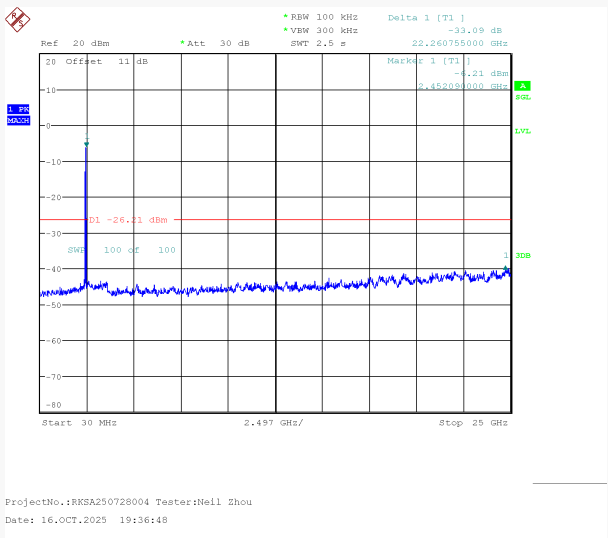
802.11n40_2422MHz



802.11n40_2437MHz

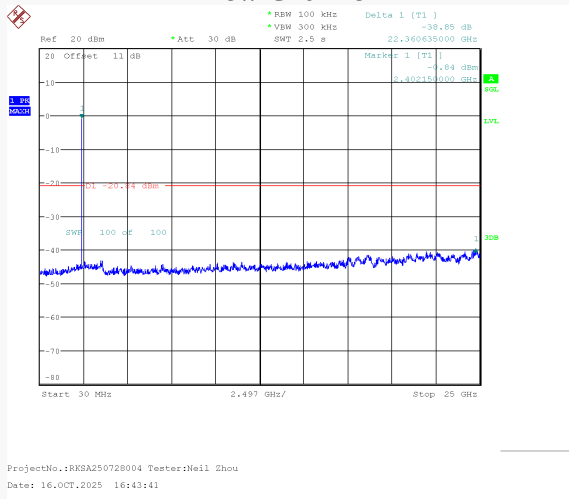


802.11n40_2452MHz

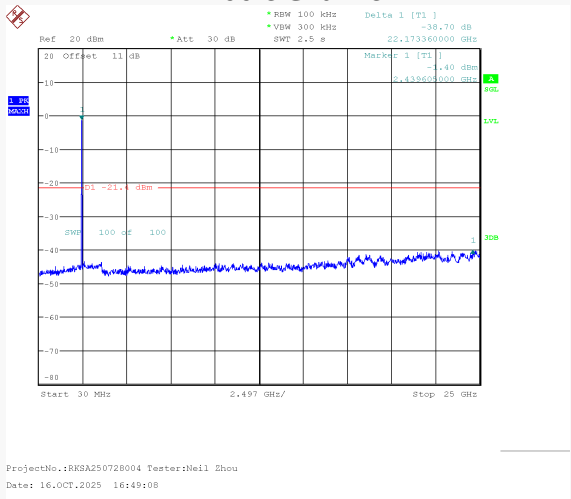


For BLE Mode:
BLE (1 Mbps)

Low Channel

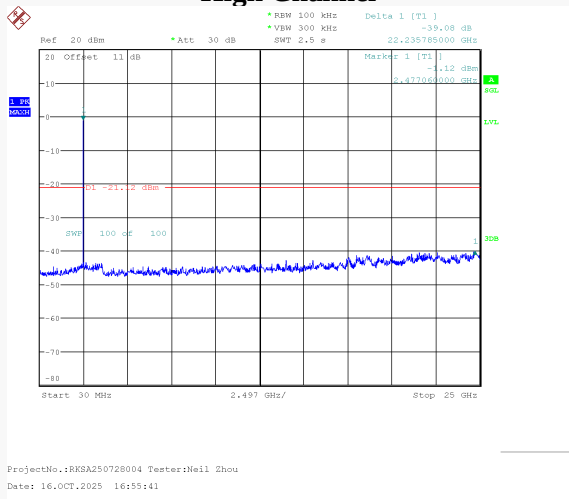


Middle Channel

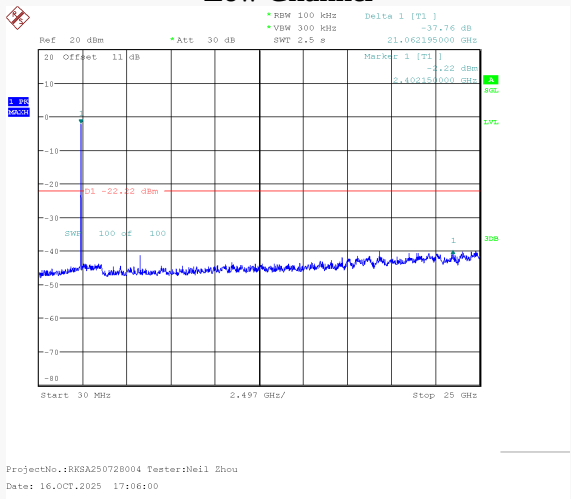


BLE (2 Mbps)

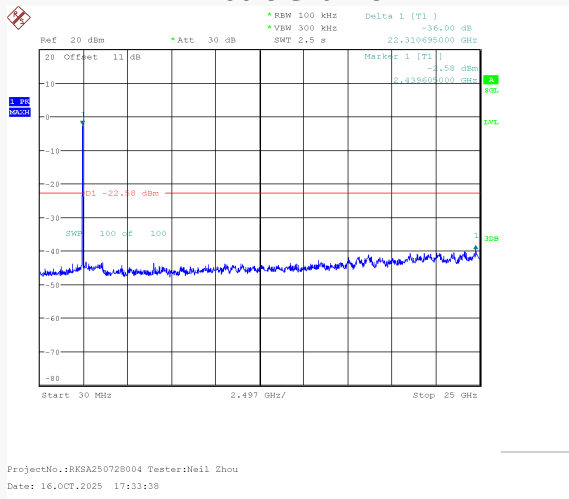
High Channel



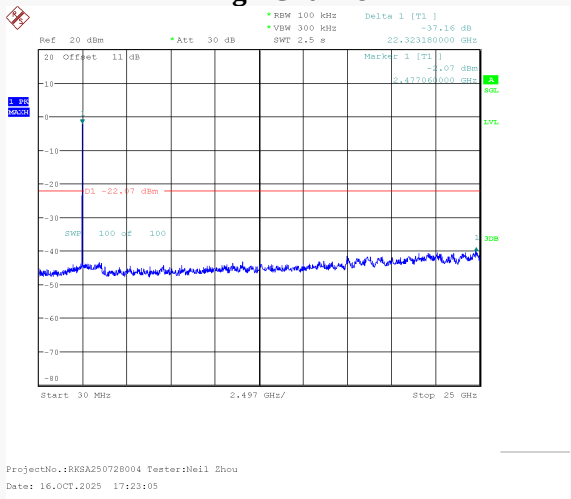
Low Channel



Middle Channel



High Channel



POWER SPECTRAL DENSITY**Environmental Conditions & Test Information**

Test Date:	2025-08-23 ~ 2025-08-25
Temperature:	25.3℃ ~ 27.6℃
Relative Humidity:	47% ~ 54 %
ATM Pressure:	100.8 kPa ~ 101.2 kPa
Test Result:	Pass
Test Engineer:	Neil Zhou

Test Result: Compliant.

EUT operation mode: Transmitting

For Wi-Fi Mode:

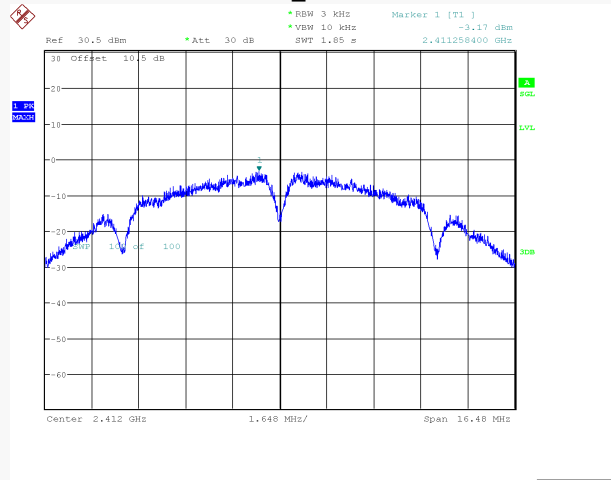
Channel	Frequency (MHz)	PSD (dBm/3kHz)	Limit (dBm/3kHz)	Result
802.11b Mode				
Low	2412	-3.17	≤8	Pass
Middle	2437	-3.45	≤8	Pass
High	2462	-3.74	≤8	Pass
802.11g Mode				
Low	2412	-9.55	≤8	Pass
Middle	2437	-9.63	≤8	Pass
High	2462	-9.49	≤8	Pass
802.11n-HT20 Mode				
Low	2412	-10.43	≤8	Pass
Middle	2437	-10.72	≤8	Pass
High	2462	-10.78	≤8	Pass
802.11n-HT40 Mode				
Low	2422	-16.64	≤8	Pass
Middle	2437	-16.47	≤8	Pass
High	2452	-16.10	≤8	Pass

For BLE Mode:

Mode	Channel	Frequency (MHz)	PSD (dBm/3kHz)	Limit (dBm/3kHz)	Result
BLE (1 Mbps)	Low	2402	-18.43	≤ 8	Pass
	Middle	2440	-18.34	≤ 8	Pass
	High	2480	-18.44	≤ 8	Pass
BLE (2 Mbps)	Low	2402	-20.83	≤ 8	Pass
	Middle	2440	-20.71	≤ 8	Pass
	High	2480	-20.82	≤ 8	Pass

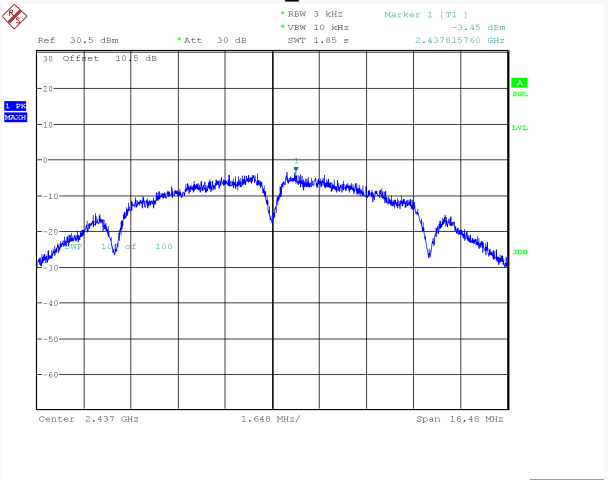
For Wi-Fi Mode:

802.11b_2412MHz



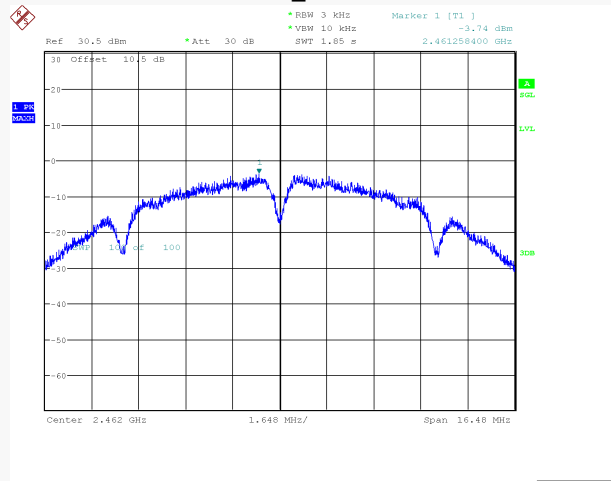
ProjectNo.:RKSA250728004 Tester:Neil Zhou
Date: 25.AUG.2025 10:58:17

802.11b_2437MHz



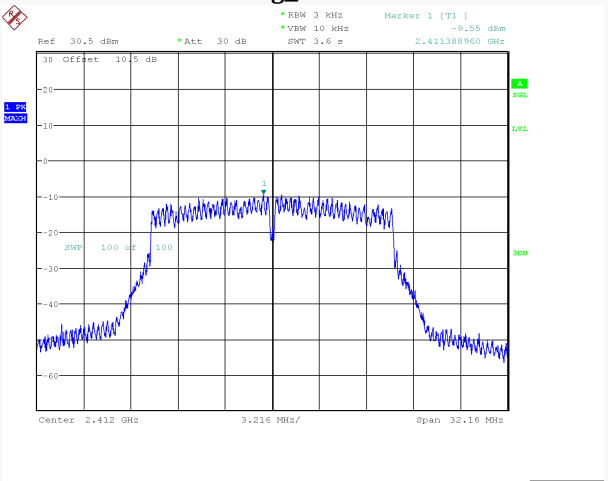
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Date: 25.AUG.2025 11:11:09

802.11b_2462MHz



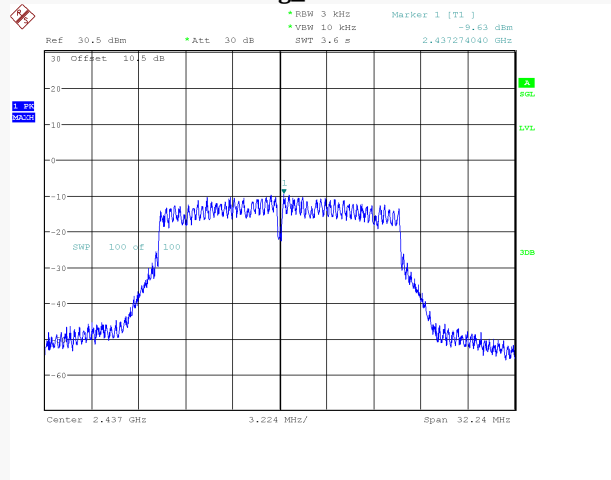
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802.11g_2412MHz



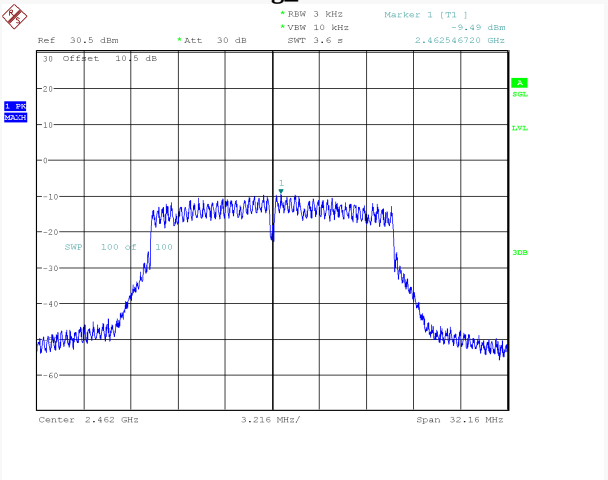
ProjectNo.:RKSA250728004 Tester:Neil Zhou
Date: 25.AUG.2025 11:39:11

802.11g_2437MHz

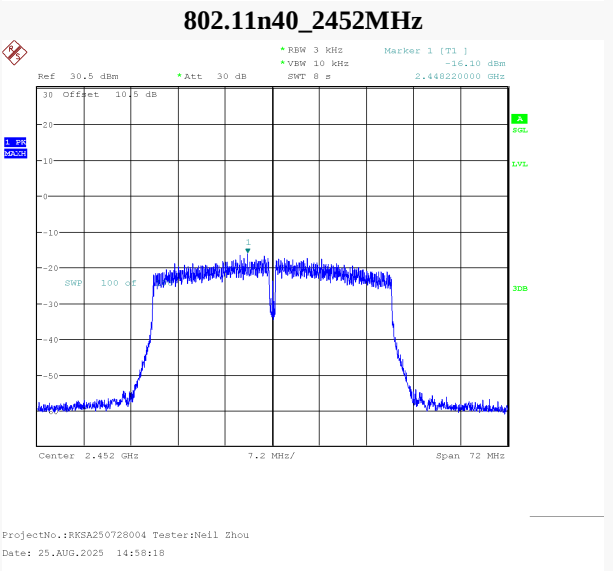
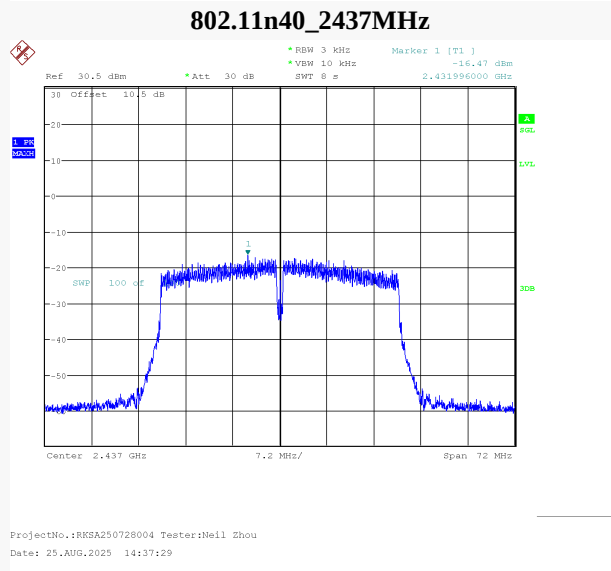
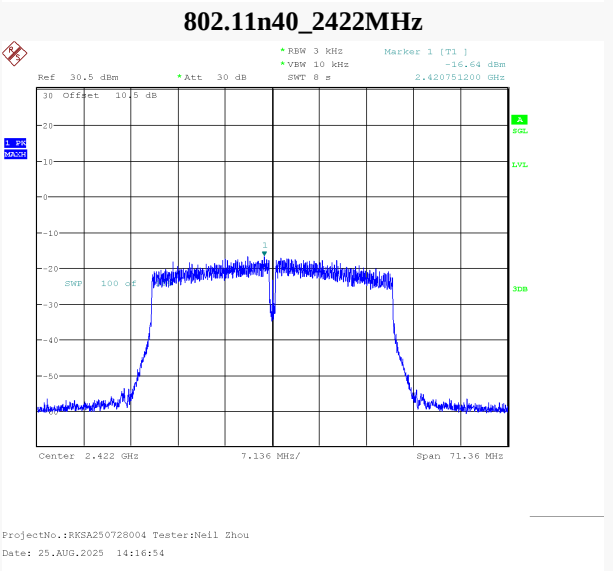
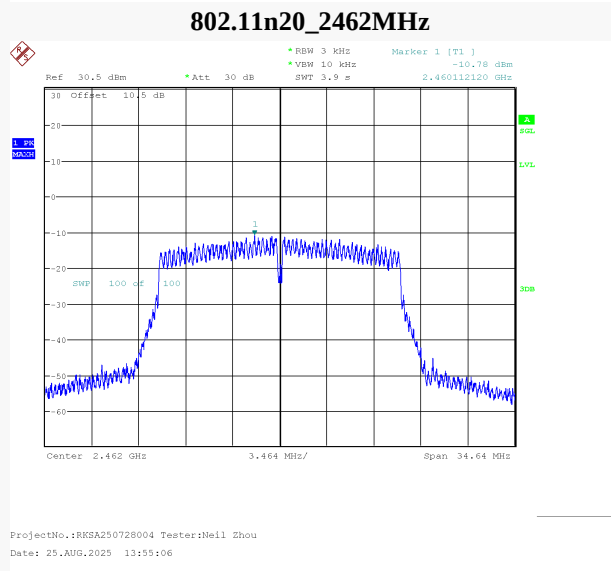
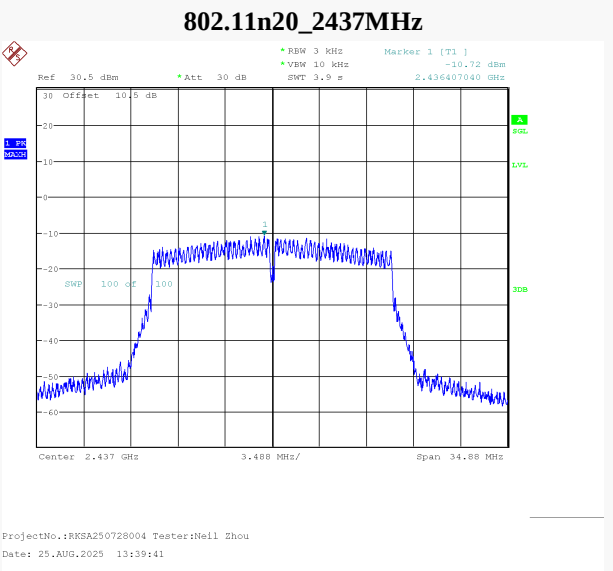
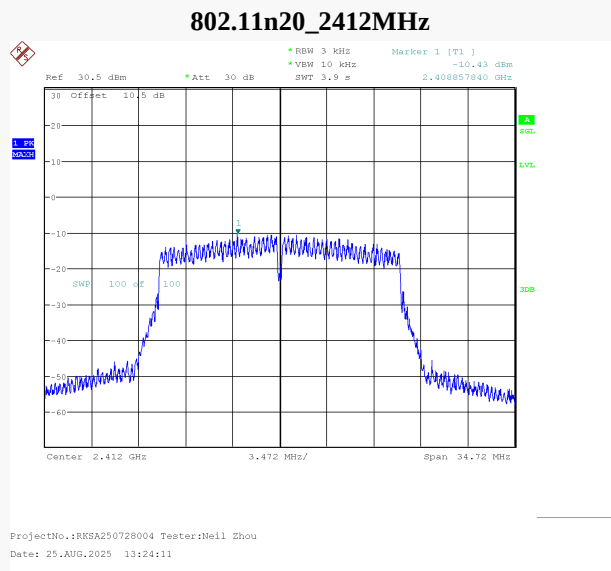


ProjectNo.:RKSA250728004 Tester:Neil Zhou
Date: 25.AUG.2025 11:53:31

802.11g_2462MHz

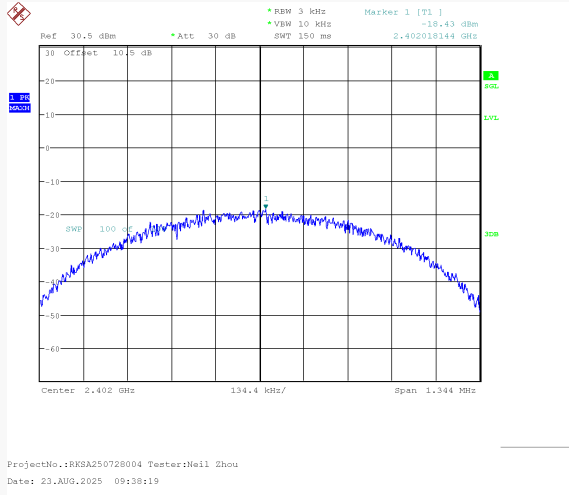


ProjectNo.:RKSA250728004 Tester:Neil Zhou
Date: 25.AUG.2025 12:08:22

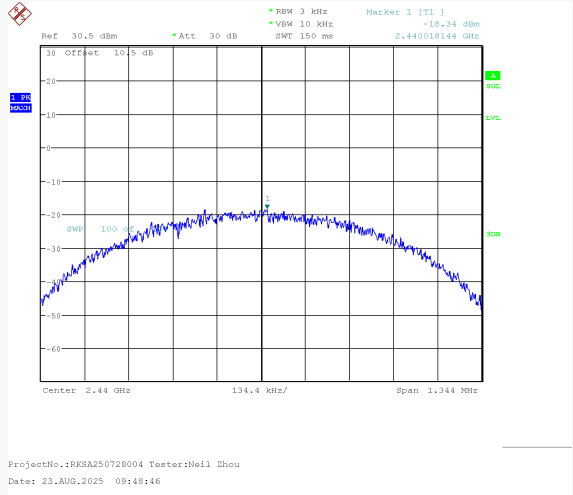


**For BLE Mode:
BLE (1 Mbps)**

Low Channel

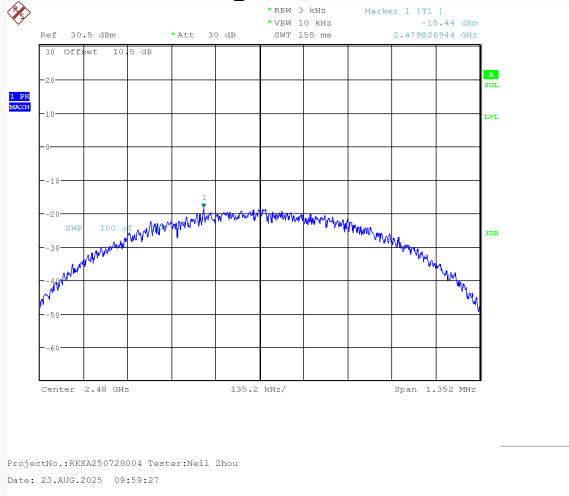


Middle Channel

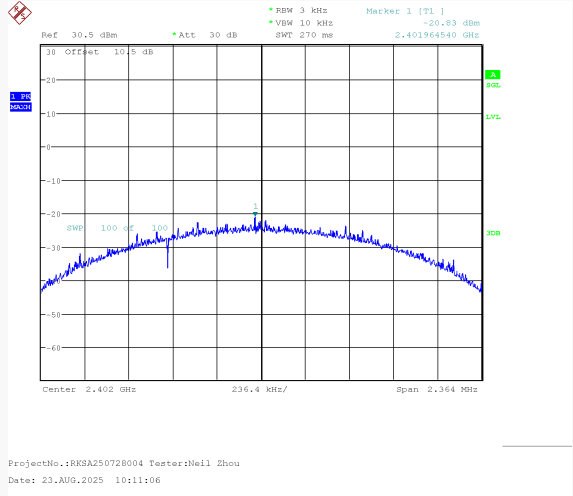


BLE (2 Mbps)

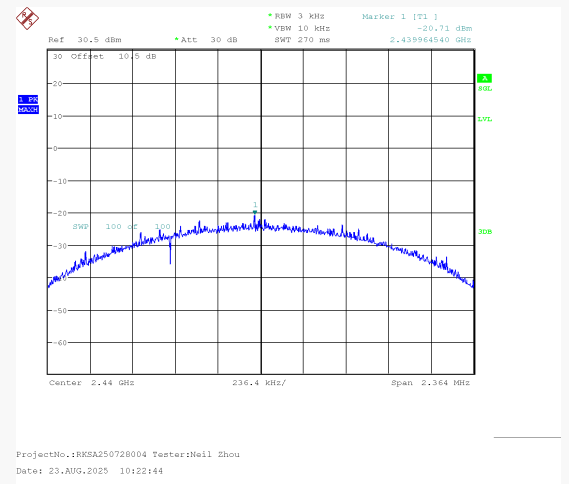
High Channel



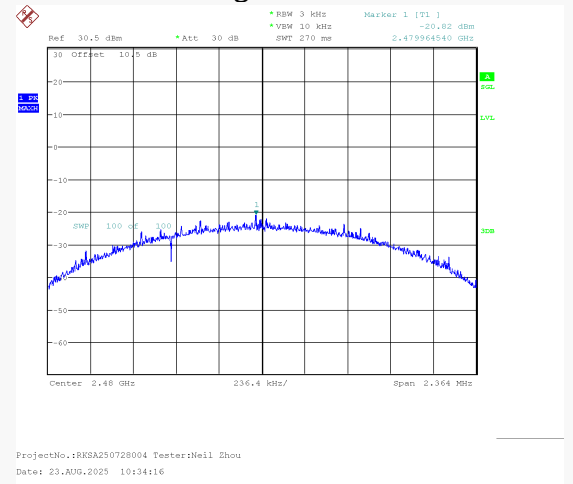
Low Channe



Middle Channel



High Channel



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 *******