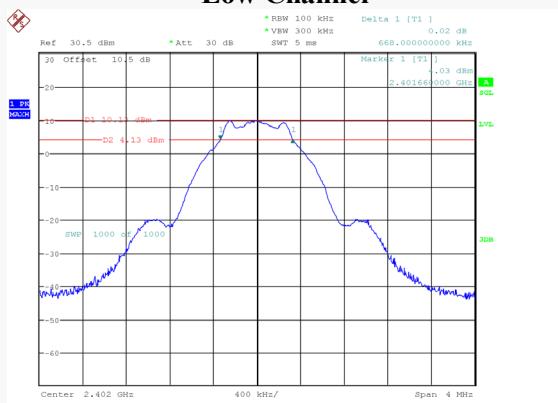
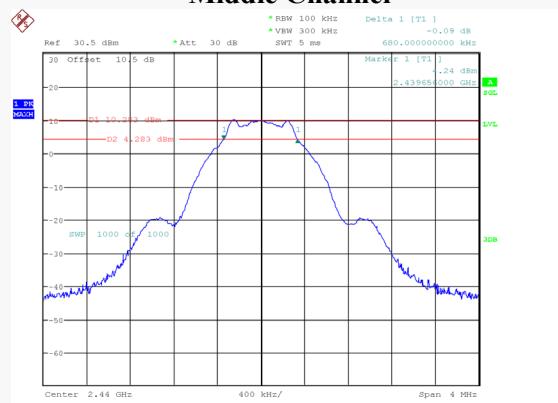


**For BLE 1 Mbps Mode:**

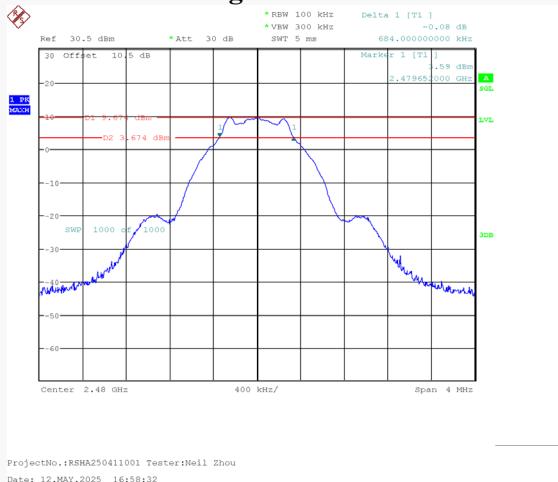
Mode	Channel	Frequency (MHz)	6 dB Emission Bandwidth (MHz)	Limit (MHz)	Result
BLE (1 Mbps)	Low	2402	0.668	$\geq 0.5$	Pass
	Middle	2440	0.680	$\geq 0.5$	Pass
	High	2480	0.684	$\geq 0.5$	Pass

**BLE (1 Mbps)****Low Channel**

ProjectNo.:RSHA250411001 Tester:Neill Zhou  
Date: 12.MAY.2025 16:40:25

**Middle Channel**

ProjectNo.:RSHA250411001 Tester:Neill Zhou  
Date: 12.MAY.2025 16:49:27

**High Channel**

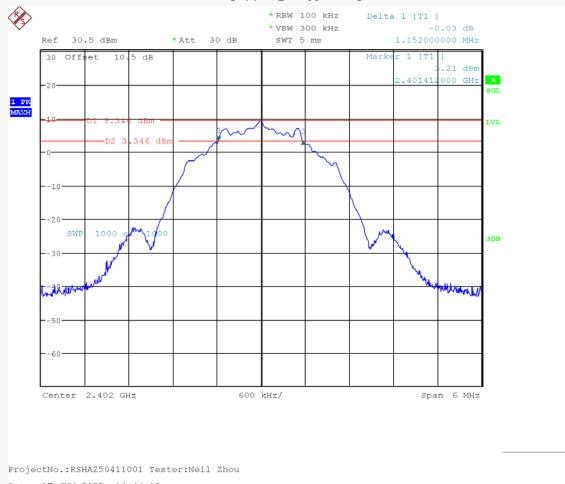
ProjectNo.:RSHA250411001 Tester:Neill Zhou  
Date: 12.MAY.2025 16:58:32

### For BLE 2 Mbps Mode:

Mode	Channel	Frequency (MHz)	6 dB Emission Bandwidth (MHz)	Limit (MHz)	Result
BLE (2 Mbps)	Low	2402	1.152	$\geq 0.5$	Pass
	Middle	2440	1.152	$\geq 0.5$	Pass
	High	2480	1.152	$\geq 0.5$	Pass

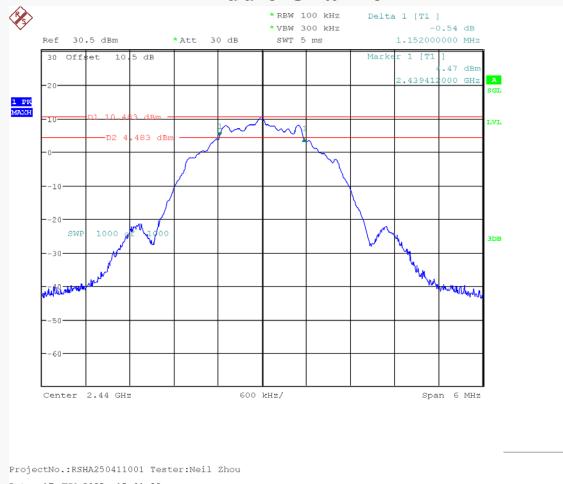
### BLE (2 Mbps)

#### Low Channel



ProjectNo.:RSHA250411001 Tester:Neil Zhou  
Date: 17-JUN-2025 14:44:19

#### Middle Channel



ProjectNo.:RSHA250411001 Tester:Neil Zhou  
Date: 17-JUN-2025 15:01:39

#### High Channel



ProjectNo.:RSHA250411001 Tester:Neil Zhou  
Date: 17-JUN-2025 15:10:25

## OCCUPIED BANDWIDTH

### Environmental Conditions & Test Information

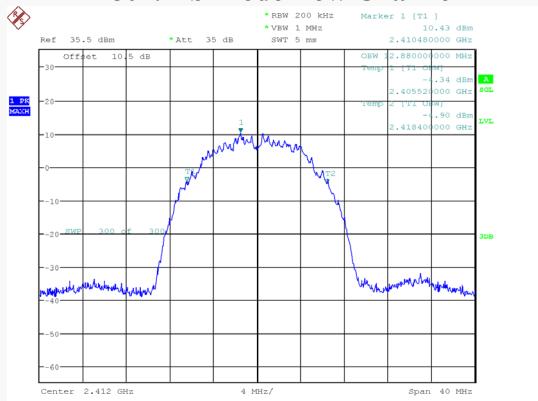
<b>Test Date:</b>	2025-05-10 to 2025-06-17
<b>Temperature:</b>	24-26 °C
<b>Relative Humidity:</b>	46-50 %
<b>ATM Pressure:</b>	100.5-101.5 kPa
<b>Test Result:</b>	/
<b>Test Engineer:</b>	Neil Zhou

*EUT operation mode: Transmitting*

### For Wi-Fi Mode:

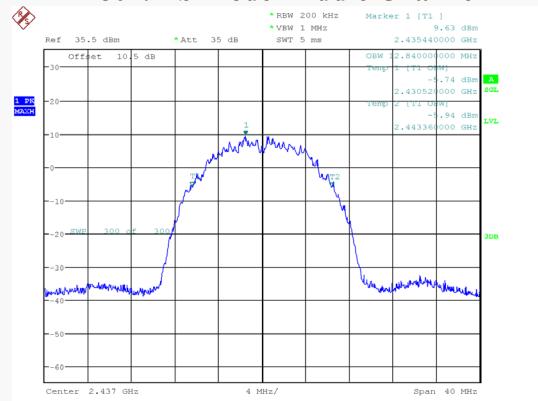
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)
<b>802.11b Mode</b>		
Low	2412	12.880
Middle	2437	12.840
High	2462	12.880
<b>802.11g Mode</b>		
Low	2412	16.520
Middle	2437	16.520
High	2462	16.440
<b>802.11n-HT20 mode</b>		
Low	2412	17.480
Middle	2437	17.480
High	2462	17.480
<b>802.11n-HT40 mode</b>		
Low	2422	32.800
Middle	2437	32.720
High	2452	32.800
<b>802.11ax-HE20 mode</b>		
Low	2412	18.440
Middle	2437	18.400
High	2462	18.440

## 802.11b Mode Low Channel



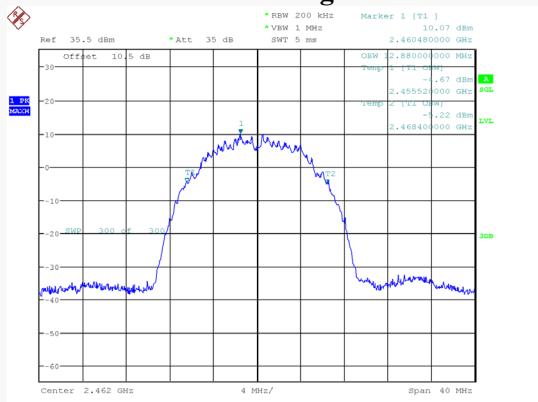
ProjectNo.:RSHA250411001 Tester:Neil Zhou  
Date: 17.MAY.2025 10:31:15

## 802.11b Mode Middle Channel



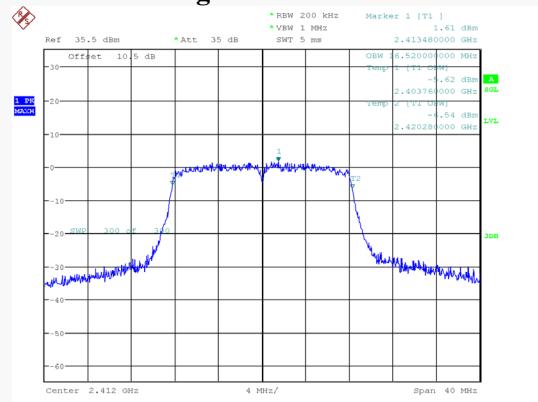
ProjectNo.:RSHA250411001 Tester:Neil Zhou  
Date: 17.MAY.2025 10:43:28

## 802.11b Mode High Channel



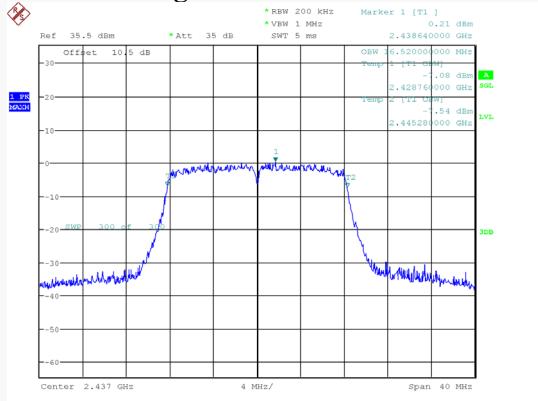
ProjectNo.:RSHA250411001 Tester:Neil Zhou  
Date: 17.MAY.2025 10:56:42

## 802.11g Mode Low Channel



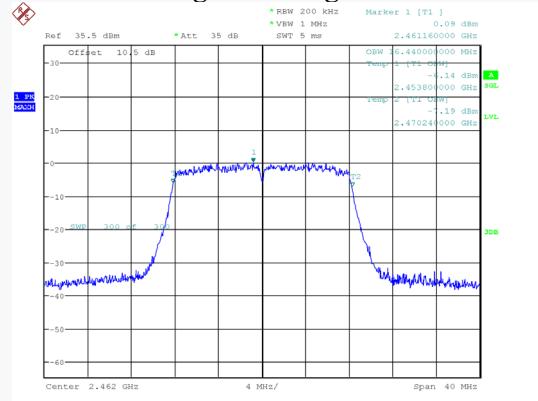
ProjectNo.:RSHA250411001 Tester:Neil Zhou  
Date: 10.MAY.2025 14:43:59

## 802.11g Mode Middle Channel



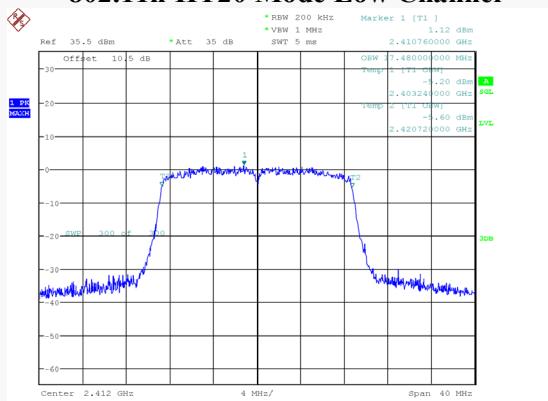
ProjectNo.:RSHA250411001 Tester:Neil Zhou  
Date: 10.MAY.2025 14:58:49

## 802.11g Mode High Channel



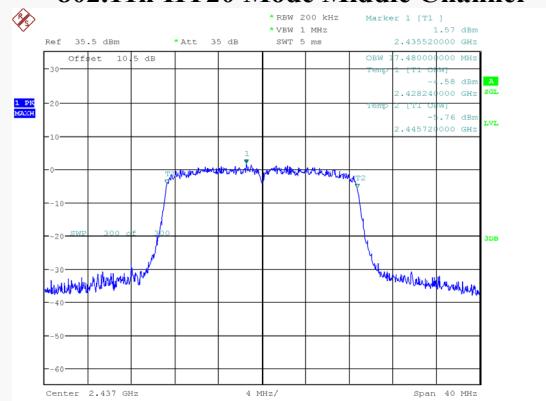
ProjectNo.:RSHA250411001 Tester:Neil Zhou  
Date: 10.MAY.2025 15:12:18

## 802.11n-HT20 Mode Low Channel



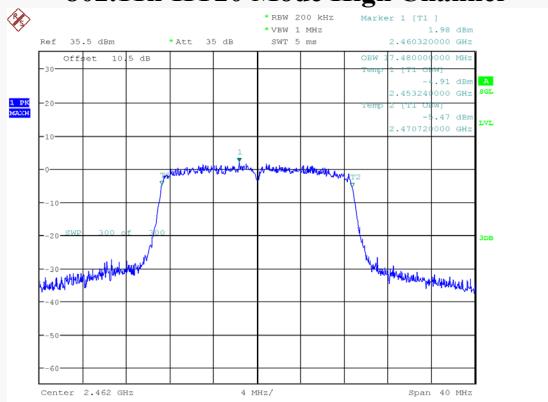
ProjectNo.:RSHA250411001 Tester:Neil Zhou  
Date: 17.MAY.2025 11:09:35

## 802.11n-HT20 Mode Middle Channel



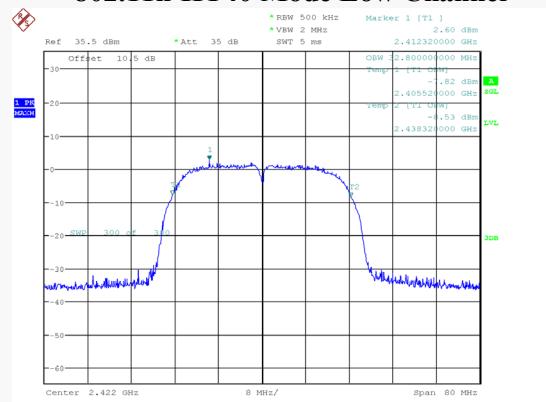
ProjectNo.:RSHA250411001 Tester:Neil Zhou  
Date: 17.MAY.2025 11:26:24

## 802.11n-HT20 Mode High Channel



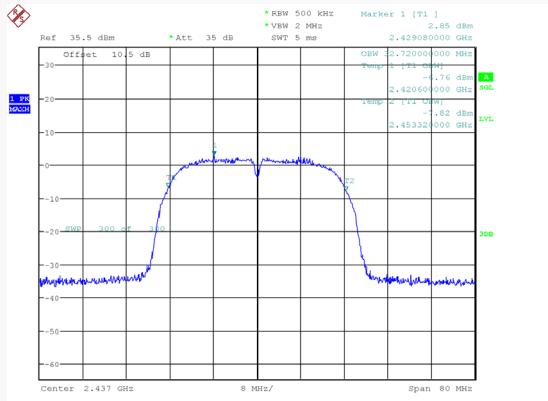
ProjectNo.:RSHA250411001 Tester:Neil Zhou  
Date: 17.MAY.2025 11:40:08

## 802.11n-HT40 Mode Low Channel



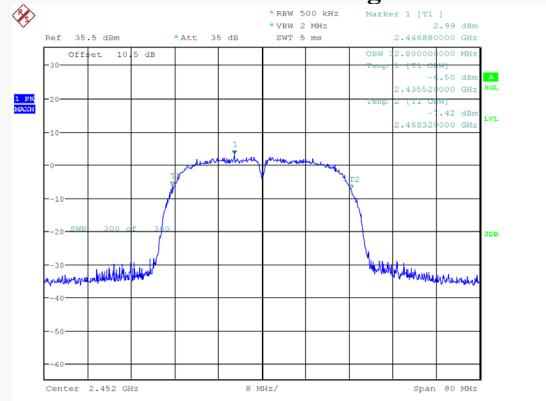
ProjectNo.:RSHA250411001 Tester:Neil Zhou  
Date: 17.MAY.2025 11:57:12

## 802.11n-HT40 Mode Middle Channel

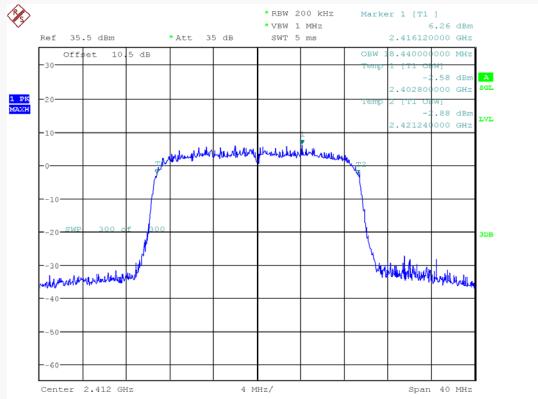


ProjectNo.:RSHA250411001 Tester:Neil Zhou  
Date: 17.MAY.2025 13:16:20

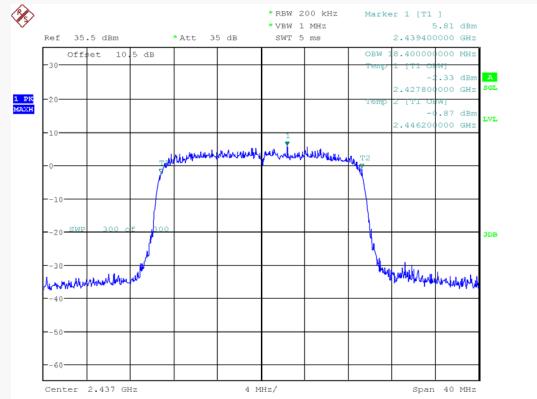
## 802.11n-HT40 Mode High Channel



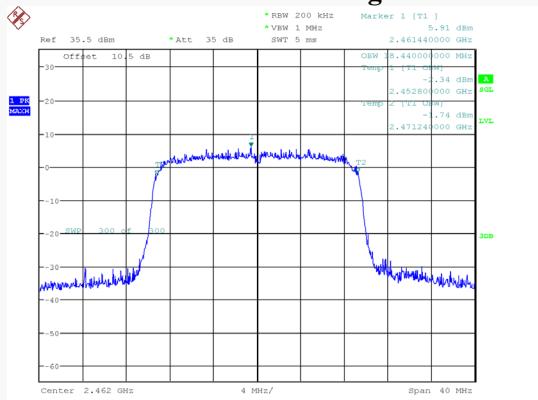
ProjectNo.:RSHA250411001 Tester:Neil Zhou  
Date: 17.MAY.2025 13:35:05

**802.11ax-HE20 Mode Low Channel**

ProjectNo.:RSHA250411001 Tester:Neill Zhou  
Date: 17.JUN.2025 13:58:46

**802.11ax-HE20 Mode Middle Channel**

ProjectNo.:RSHA250411001 Tester:Neill Zhou  
Date: 17.JUN.2025 14:13:26

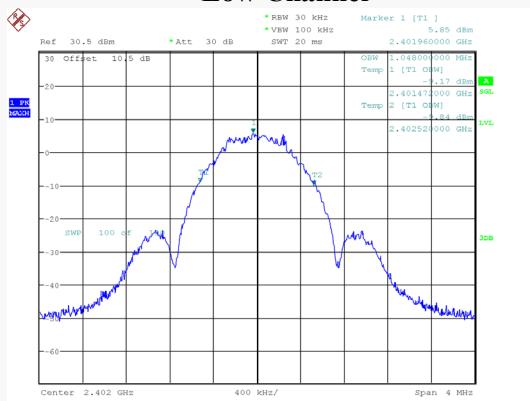
**802.11ax-HE20 Mode High Channel**

ProjectNo.:RSHA250411001 Tester:Neill Zhou  
Date: 17.JUN.2025 14:27:41

## For BLE 1 Mbps Mode:

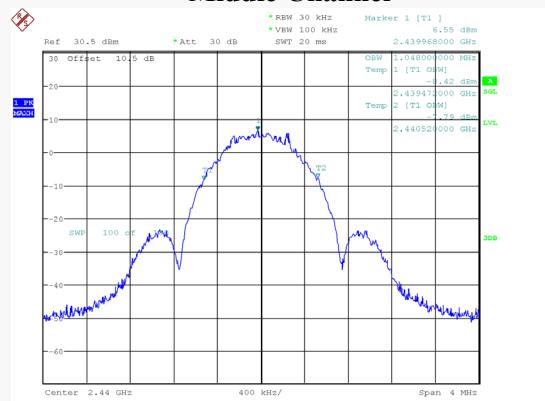
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)
Low	2402	1.048
Middle	2440	1.048
High	2480	1.052

Low Channel



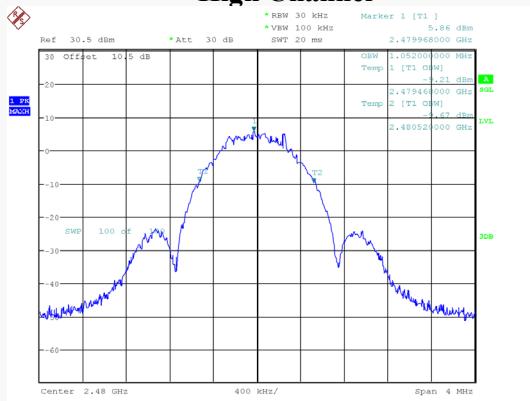
ProjectNo.:RSHA250411001 Tester:Neil Zhou  
Date: 12.MAY.2025 16:40:36

Middle Channel



ProjectNo.:RSHA250411001 Tester:Neil Zhou  
Date: 12.MAY.2025 16:49:39

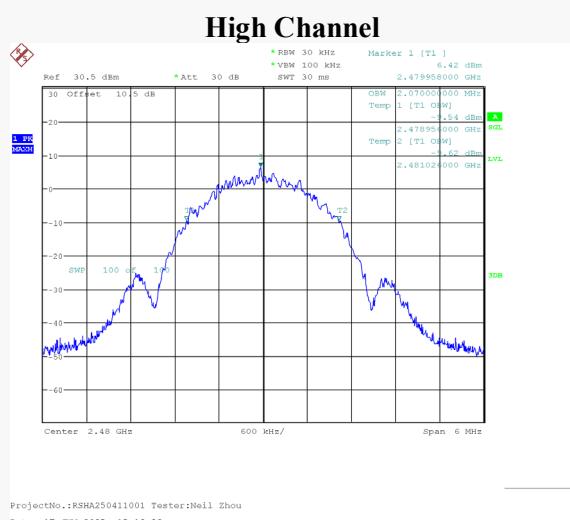
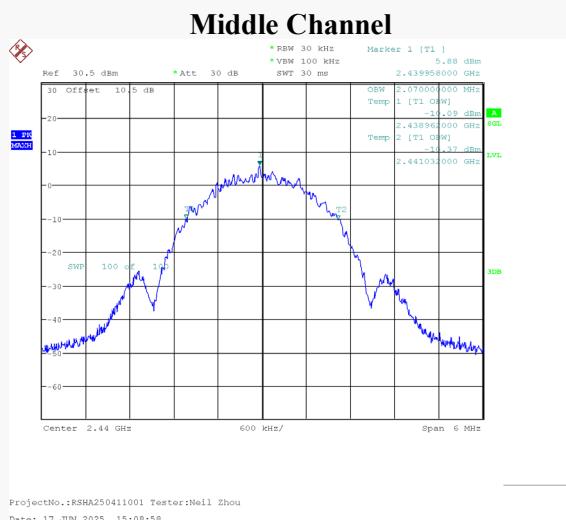
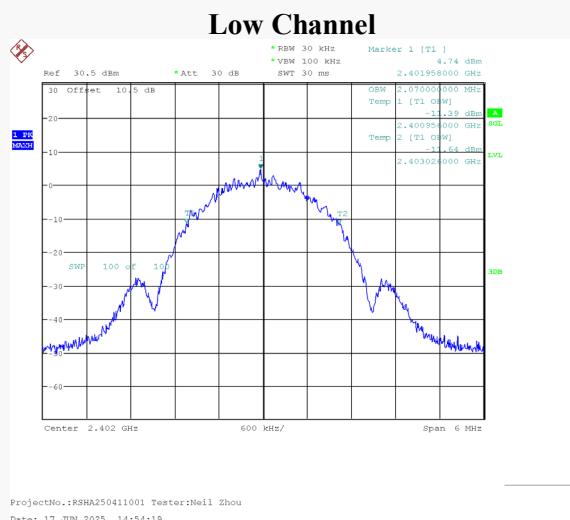
High Channel



ProjectNo.:RSHA250411001 Tester:Neil Zhou  
Date: 12.MAY.2025 16:58:45

## For BLE 2 Mbps Mode:

Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)
Low	2402	2.070
Middle	2440	2.070
High	2480	2.070



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

<b>Test Date:</b>	2025-05-10 to 2025-06-17
<b>Temperature:</b>	24-26 °C
<b>Relative Humidity:</b>	46-50 %
<b>ATM Pressure:</b>	100.5-101.5 kPa
<b>Test Result:</b>	Pass
<b>Test Engineer:</b>	Neil Zhou

**Test Result:** Compliant.

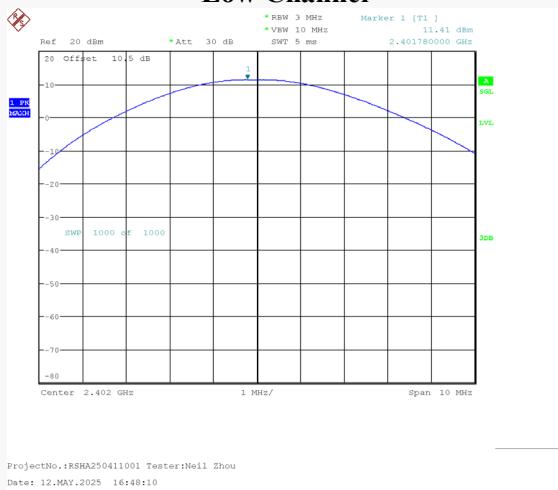
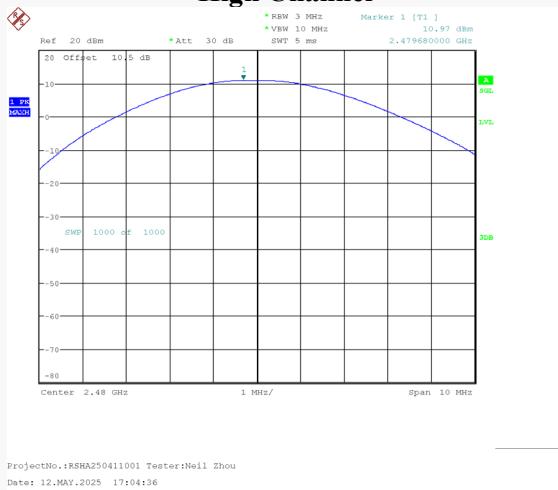
*EUT operation mode: Transmitting*

**For Wi-Fi Mode:**

Channel	Frequency (MHz)	Max Conducted Peak Output Power (dBm)	Peak Output Power Limit (dBm)
<b>802.11b Mode</b>			
Low	2412	16.459	≤30
Middle	2437	16.890	≤30
High	2462	16.759	≤30
<b>802.11g Mode</b>			
Low	2412	19.796	≤30
Middle	2437	20.230	≤30
High	2462	19.996	≤30
<b>802.11n-HT20 Mode</b>			
Low	2412	19.391	≤30
Middle	2437	19.667	≤30
High	2462	19.653	≤30
<b>802.11n-HT40 Mode</b>			
Low	2422	19.492	≤30
Middle	2437	19.636	≤30
High	2452	19.576	≤30
<b>802.11ax-HE20 Mode</b>			
Low	2412	21.279	≤30
Middle	2437	21.200	≤30
High	2462	21.011	≤30

**For BLE 1 Mbps Mode:**

Mode	Channel	Frequency (MHz)	Max Conducted Peak Output Power (dBm)	Limit (dBm)	Result
BLE (1 Mbps)	Low	2402	11.41	≤30	Pass
	Middle	2440	11.85	≤30	Pass
	High	2480	10.97	≤30	Pass

**BLE (1 Mbps)****Low Channel****Middle Channel****High Channel**

**For BLE 2 Mbps Mode:**

Mode	Channel	Frequency (MHz)	Max Conducted Peak Output Power (dBm)	Limit (dBm)	Result
BLE (2 Mbps)	Low	2402	11.08	≤30	Pass
	Middle	2440	12.30	≤30	Pass
	High	2480	12.47	≤30	Pass

**BLE (2 Mbps)****Low Channel****Middle Channel****High Channel**

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

<b>Test Date:</b>	2025-05-10 to 2025-06-17
<b>Temperature:</b>	24-26 °C
<b>Relative Humidity:</b>	46-50 %
<b>ATM Pressure:</b>	100.5-101.5 kPa
<b>Test Result:</b>	Pass
<b>Test Engineer:</b>	Neil Zhou

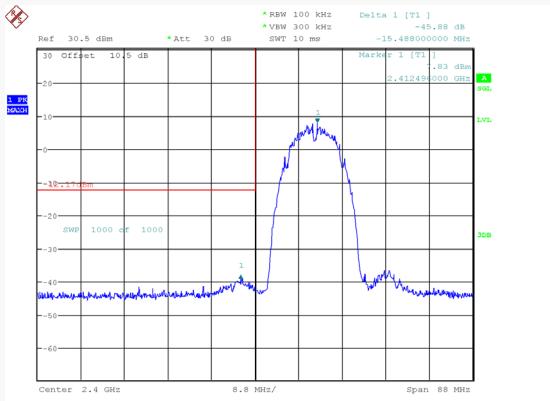
*EUT operation mode: Transmitting*

**Test Result:** Compliant

**For Wi-Fi Mode:**

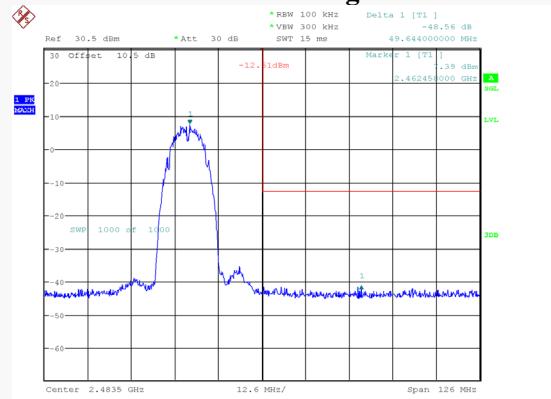
Mode	Channel	Test Frequency (MHz)	Result (dB)	Limit (dB)
802.11b	Low	2412	45.88	20
	High	2462	48.56	
802.11g	Low	2412	34.90	20
	High	2462	40.30	
802.11n20	Low	2412	36.02	20
	High	2462	40.94	
802.11n40	Low	2422	37.04	20
	High	2452	38.86	
802.11ax20	Low	2412	39.52	20
	High	2462	42.01	

## 802.11b Mode Left Side



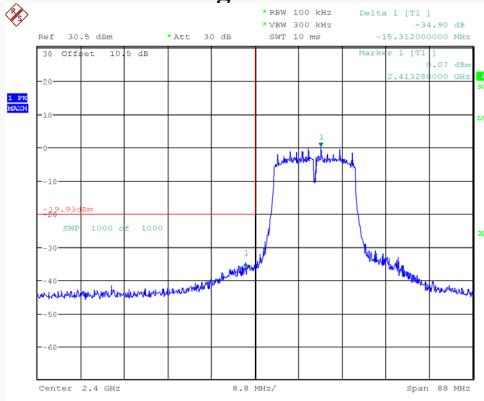
ProjectNo.:RSHA250411001 Tester:Neil Zhou  
Date: 17.MAY.2025 10:33:14

## 802.11b Mode Right Side



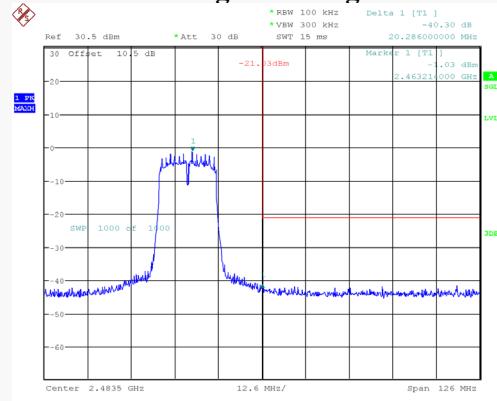
ProjectNo.:RSHA250411001 Tester:Neil Zhou  
Date: 17.MAY.2025 10:59:00

## 802.11g Mode Left Side



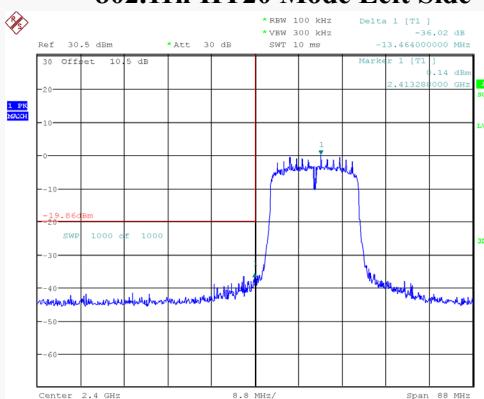
ProjectNo.:RSHA250411001 Tester:Neil Zhou  
Date: 10.MAY.2025 14:45:49

## 802.11g Mode Right Side



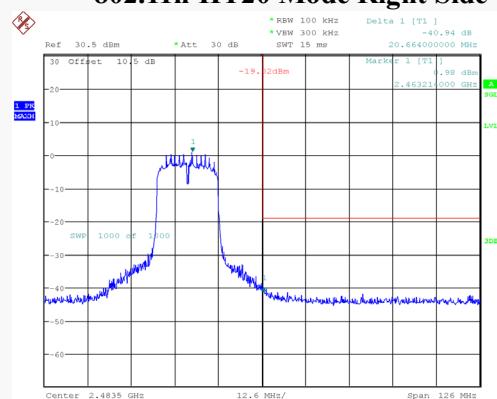
ProjectNo.:RSHA250411001 Tester:Neil Zhou  
Date: 10.MAY.2025 15:14:32

## 802.11n-HT20 Mode Left Side



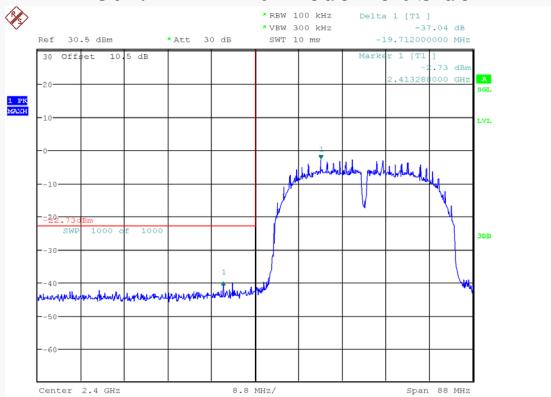
ProjectNo.:RSHA250411001 Tester:Neil Zhou  
Date: 17.MAY.2025 11:11:26

## 802.11n-HT20 Mode Right Side



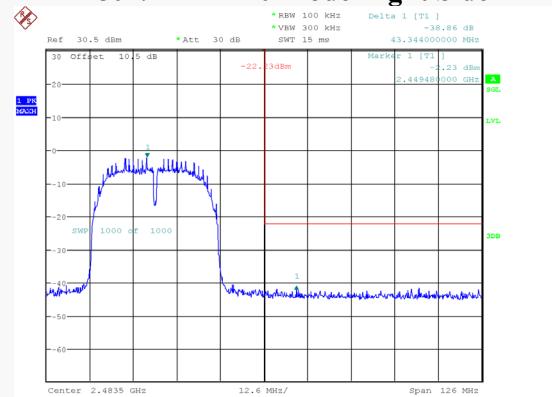
ProjectNo.:RSHA250411001 Tester:Neil Zhou  
Date: 17.MAY.2025 11:42:24

## 802.11n-HT40 Mode Left Side



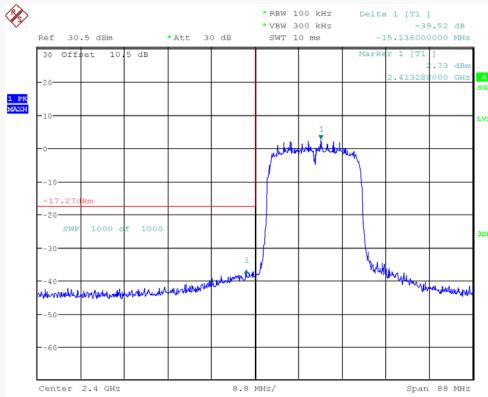
ProjectNo.:RSHA250411001 Tester:Neil Zhou  
Date: 17.MAY.2025 11:58:43

## 802.11n-HT40 Mode Right Side



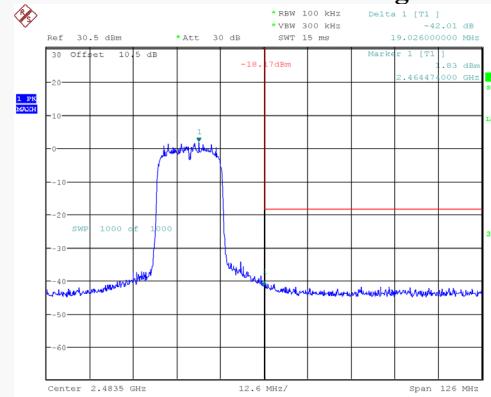
ProjectNo.:RSHA250411001 Tester:Neil Zhou  
Date: 17.MAY.2025 13:36:32

## 802.11ax-HE20 Mode Left Side



ProjectNo.:RSHA250411001 Tester:Neil Zhou  
Date: 17.JUN.2025 14:00:37

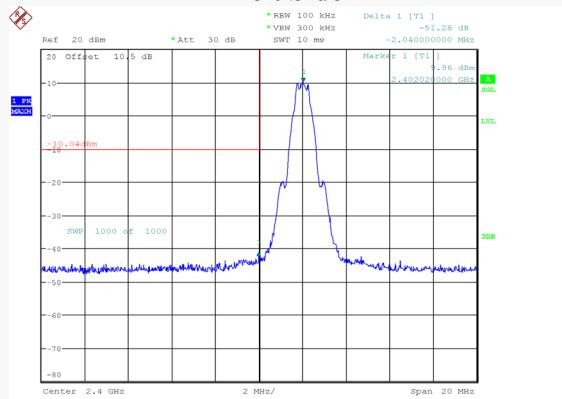
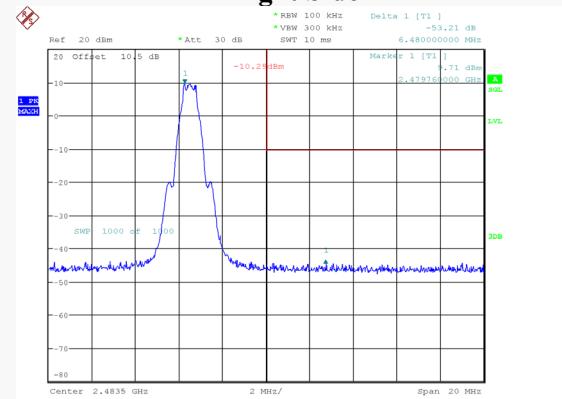
## 802.11ax-HE20 Mode Right Side



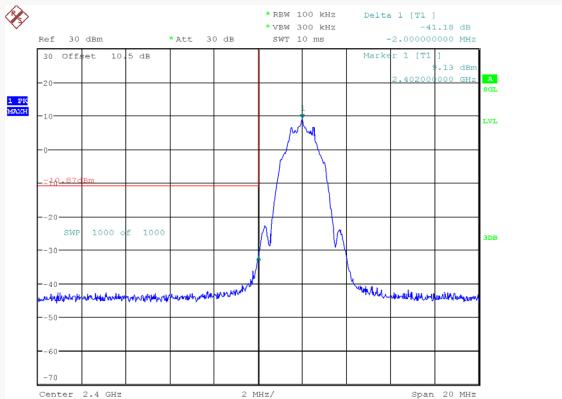
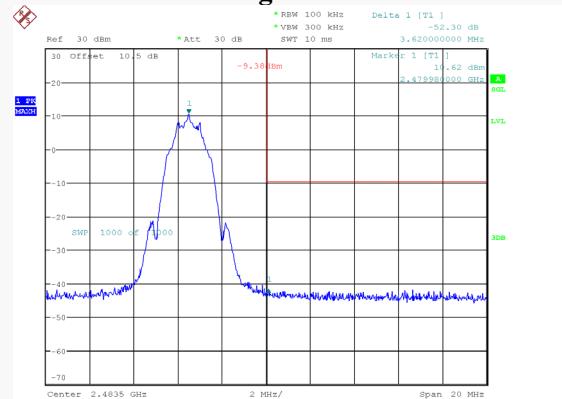
ProjectNo.:RSHA250411001 Tester:Neil Zhou  
Date: 17.JUN.2025 14:29:59

**For BLE 1 Mbps Mode:**

Mode	Channel	Frequency (MHz)	Result (dB)	Limit (dB)
BLE (1 Mbps)	Low	2402	51.28	20
	High	2480	53.21	

**BLE (1 Mbps)****Left Side****Right Side**ProjectNo.:RSHA250411001 Tester:Neil Zhou  
Date: 12.MAY.2025 16:39:45ProjectNo.:RSHA250411001 Tester:Neil Zhou  
Date: 12.MAY.2025 16:57:39**For BLE 2 Mbps Mode:**

Mode	Channel	Frequency (MHz)	Result (dB)	Limit (dB)
BLE (2 Mbps)	Low	2402	41.18	20
	High	2480	52.30	

**BLE (2 Mbps)****Left Side****Right Side**ProjectNo.:RSHA250411001 Tester:Neil Zhou  
Date: 17.JUN.2025 14:47:03ProjectNo.:RSHA250411001 Tester:Neil Zhou  
Date: 17.JUN.2025 15:12:38

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

<b>Test Date:</b>	2025-05-10 to 2025-06-17
<b>Temperature:</b>	24-26 °C
<b>Relative Humidity:</b>	46-50 %
<b>ATM Pressure:</b>	100.5-101.5 kPa
<b>Test Result:</b>	Pass
<b>Test Engineer:</b>	Neil Zhou

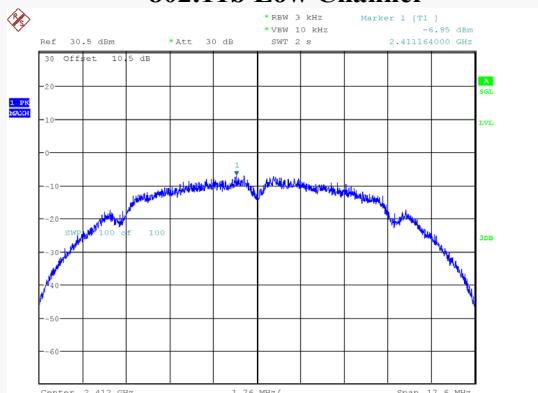
**Test Result:** Compliant.

*EUT operation mode: Transmitting*

**For Wi-Fi Mode:**

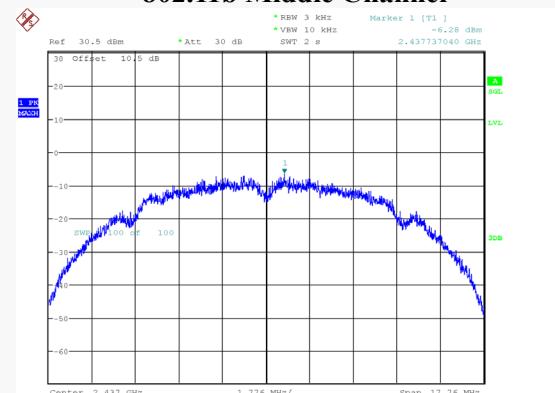
Channel	Frequency (MHz)	PSD (dBm/3kHz)	Limit (dBm/3kHz)	Result
<b>802.11b Mode</b>				
Low	2412	-6.95	≤8	Pass
Middle	2437	-6.28	≤8	Pass
High	2462	-6.43	≤8	Pass
<b>802.11g Mode</b>				
Low	2412	-14.28	≤8	Pass
Middle	2437	-14.35	≤8	Pass
High	2462	-16.29	≤8	Pass
<b>802.11n-HT20 Mode</b>				
Low	2412	-12.43	≤8	Pass
Middle	2437	-13.62	≤8	Pass
High	2462	-12.28	≤8	Pass
<b>802.11n-HT40 Mode</b>				
Low	2422	-17.04	≤8	Pass
Middle	2437	-15.99	≤8	Pass
High	2452	-15.43	≤8	Pass
<b>802.11ax-HE20 Mode</b>				
Low	2412	-8.00	≤8	Pass
Middle	2437	-8.09	≤8	Pass
High	2462	-8.36	≤8	Pass

## 802.11b Low Channel



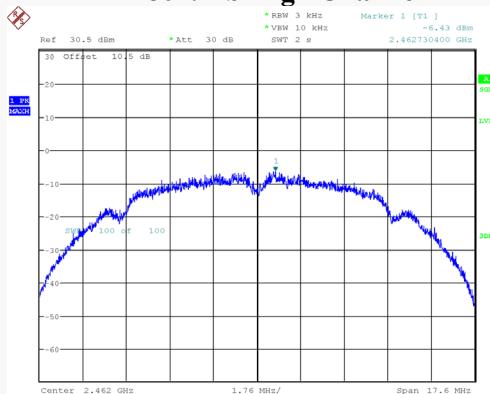
ProjectNo.:RSHA250411001 Tester:Neil Zhou  
Date: 17.MAY.2025 10:41:49

## 802.11b Middle Channel



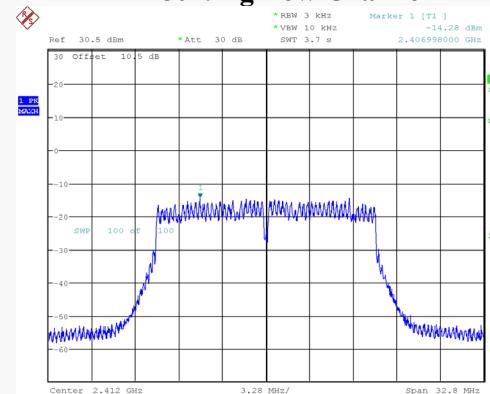
ProjectNo.:RSHA250411001 Tester:Neil Zhou  
Date: 17.MAY.2025 10:54:41

## 802.11b High Channel



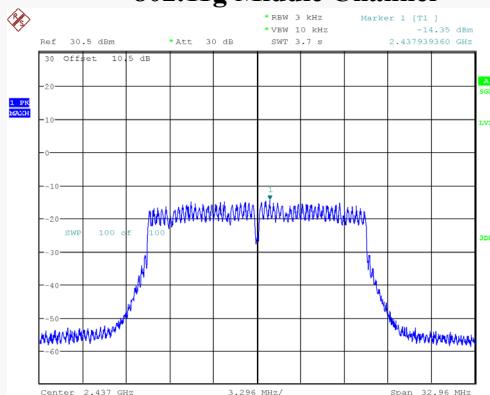
ProjectNo.:RSHA250411001 Tester:Neil Zhou  
Date: 17.MAY.2025 11:07:06

## 802.11g Low Channel



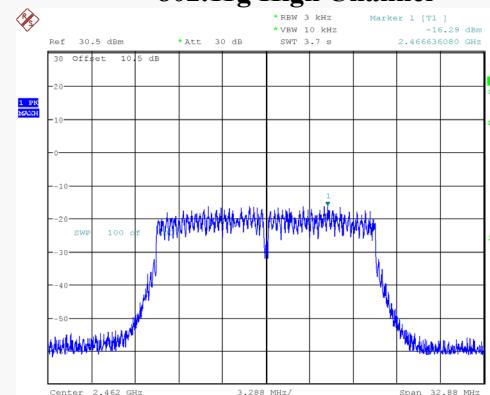
ProjectNo.:RSHA250411001 Tester:Neil Zhou  
Date: 10.MAY.2025 14:56:45

## 802.11g Middle Channel



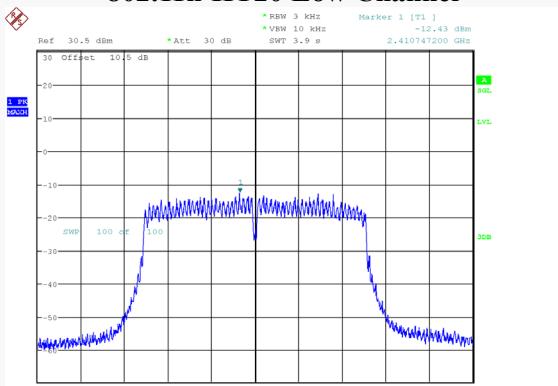
ProjectNo.:RSHA250411001 Tester:Neil Zhou  
Date: 10.MAY.2025 15:10:38

## 802.11g High Channel



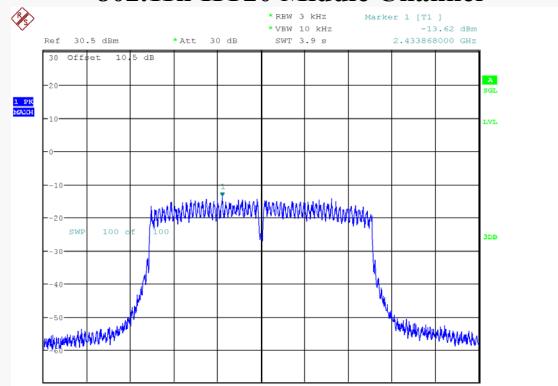
ProjectNo.:RSHA250411001 Tester:Neil Zhou  
Date: 10.MAY.2025 15:25:29

## 802.11n-HT20 Low Channel



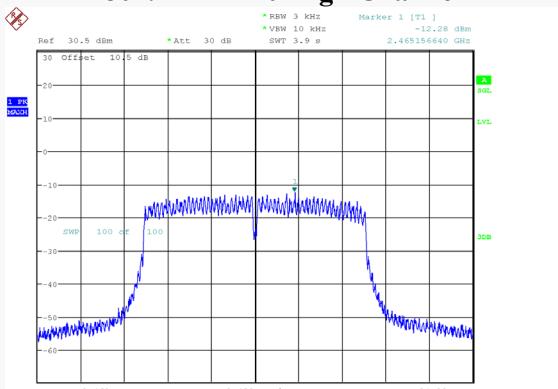
ProjectNo.:RSHA250411001 Tester:Neil Zhou  
Date: 17.MAY.2025 11:22:43

## 802.11n-HT20 Middle Channel



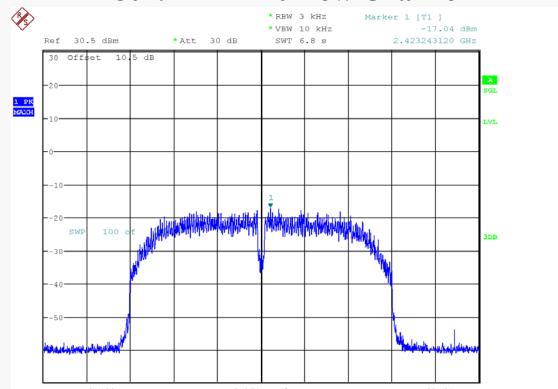
ProjectNo.:RSHA250411001 Tester:Neil Zhou  
Date: 17.MAY.2025 11:38:35

## 802.11n-HT20 High Channel



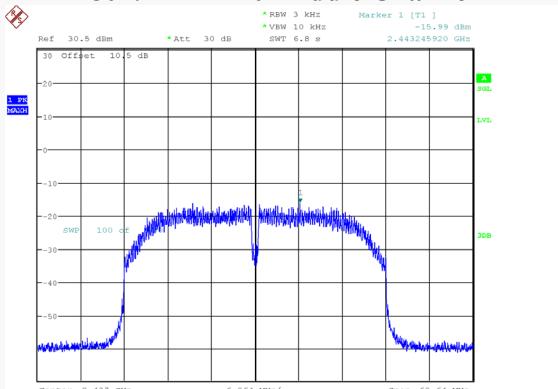
ProjectNo.:RSHA250411001 Tester:Neil Zhou  
Date: 17.MAY.2025 11:53:43

## 802.11n-HT40 Low Channel



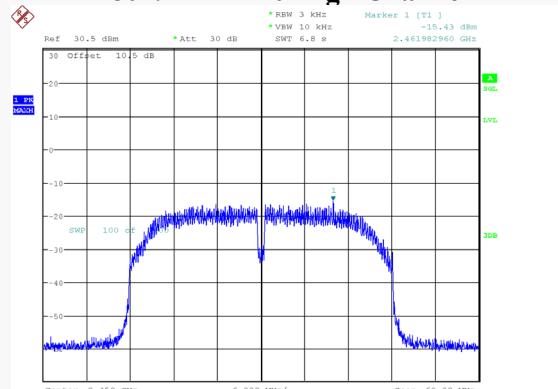
ProjectNo.:RSHA250411001 Tester:Neil Zhou  
Date: 17.MAY.2025 12:14:50

## 802.11n-HT40 Middle Channel

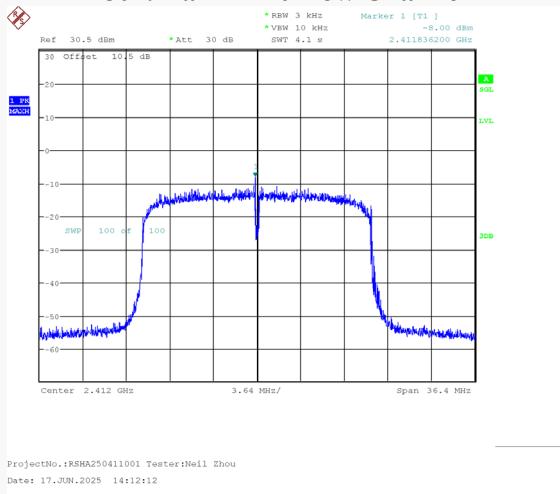
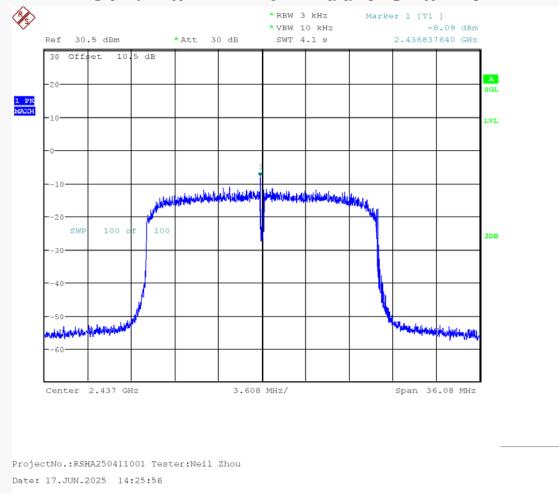
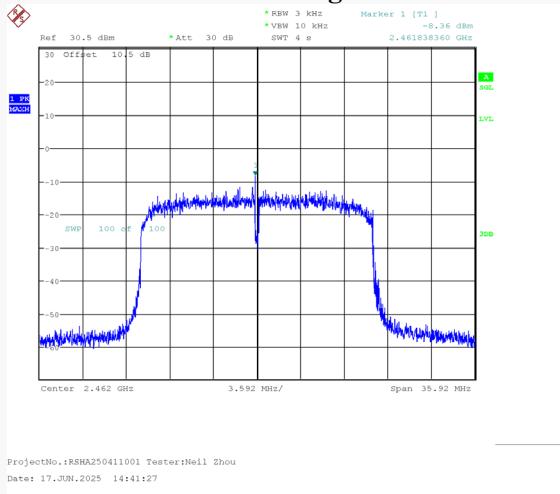


ProjectNo.:RSHA250411001 Tester:Neil Zhou  
Date: 17.MAY.2025 13:33:12

## 802.11n-HT40 High Channel



ProjectNo.:RSHA250411001 Tester:Neil Zhou  
Date: 17.MAY.2025 13:52:40

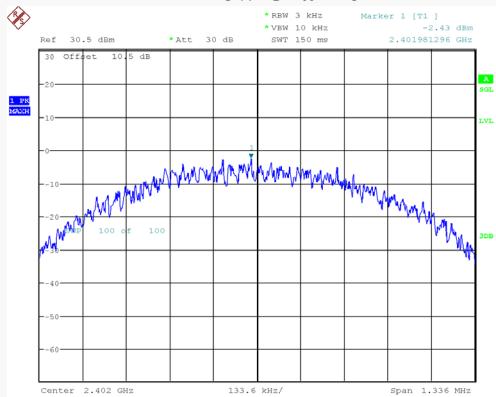
**802.11ax-HE20 Low Channel****802.11ax-HE20 Middle Channel****802.11ax-HE20 High Channel**

### For BLE 1 Mbps Mode:

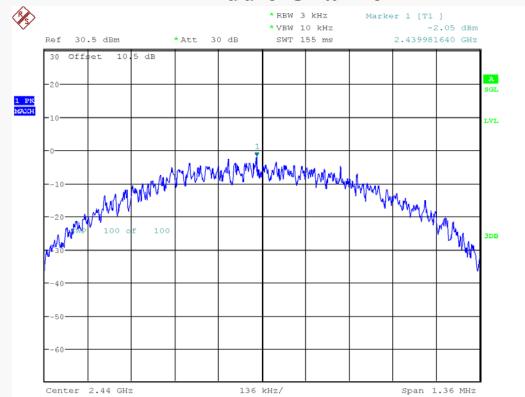
Mode	Channel	Frequency (MHz)	PSD (dBm/3kHz)	Limit (dBm/3kHz)	Result
BLE (1 Mbps)	Low	2402	-2.43	≤8	Pass
	Middle	2440	-2.05	≤8	Pass
	High	2480	-2.88	≤8	Pass

### BLE (1 Mbps)

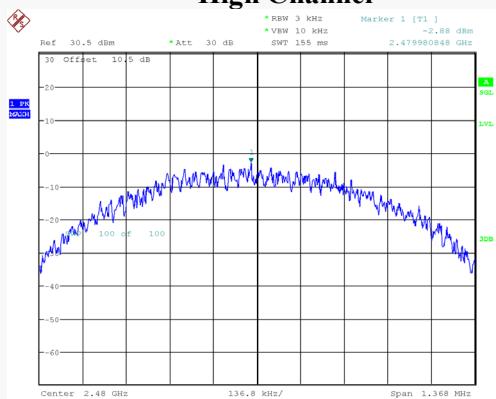
#### Low Channel



#### Middle Channel

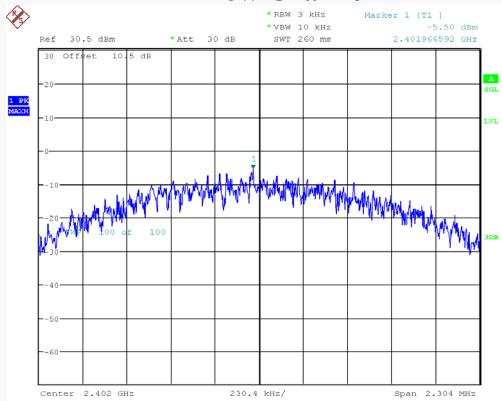


#### High Channel

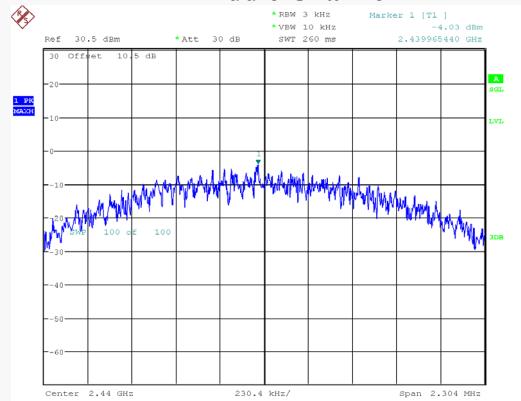


**For BLE 2 Mbps Mode:**

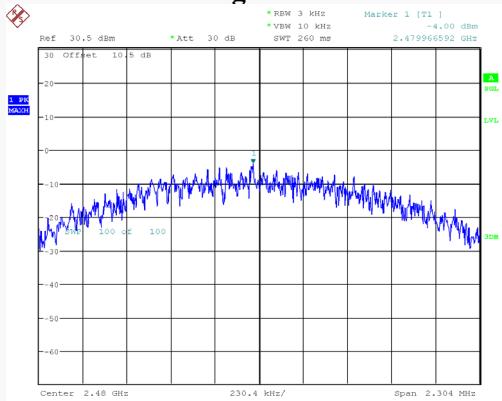
Mode	Channel	Frequency (MHz)	PSD (dBm/3kHz)	Limit (dBm/3kHz)	Result
BLE (2 Mbps)	Low	2402	-5.50	≤8	Pass
	Middle	2440	-4.03	≤8	Pass
	High	2480	-4.00	≤8	Pass

**BLE (2 Mbps)****Low Channel**

ProjectNo.:RSHA250411001 Tester:Neil Zhou  
Date: 17.JUN.2025 14:47:30

**Middle Channel**

ProjectNo.:RSHA250411001 Tester:Neil Zhou  
Date: 17.JUN.2025 15:03:02

**High Channel**

ProjectNo.:RSHA250411001 Tester:Neil Zhou  
Date: 17.JUN.2025 15:13:14

## **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 \*\*\*\*\*