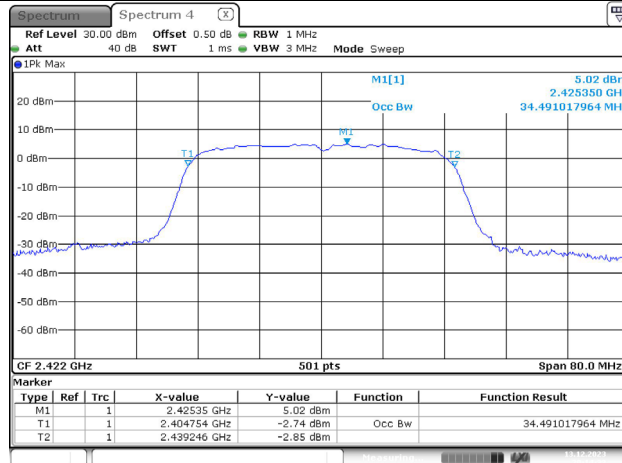


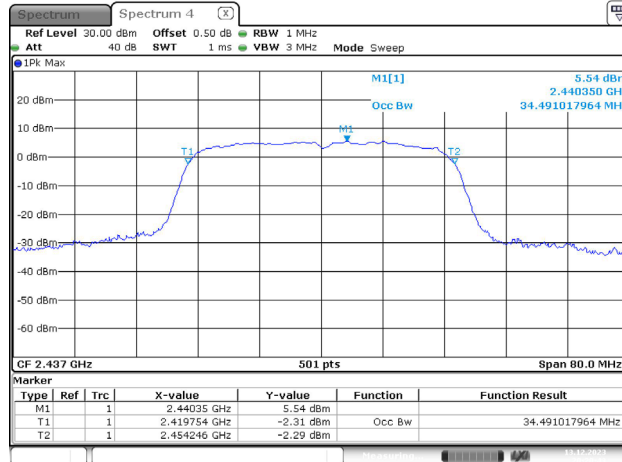
### 99% Occupied Bandwidth

802.11n ht40  
Lowest Channel



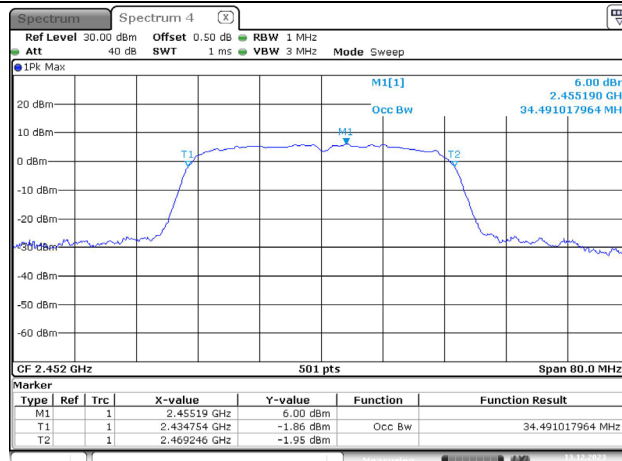
ProjectNo.:CR231167606 Tester:Jim Wei  
Date: 13.DEC.2023 20:14:33

802.11n ht40  
Middle Channel



ProjectNo.:CR231167606 Tester:Jim Wei  
Date: 13.DEC.2023 20:20:42

802.11n ht40  
Highest Channel



ProjectNo.:CR231167606 Tester:Jim Wei  
Date: 13.DEC.2023 20:39:53

**4.5 Maximum Conducted Output Power**

Serial Number:	2DY0-3	Test Date:	2023/12/13
Test Site:	RF	Test Mode:	Transmitting
Tester:	Jim Wei	Test Result:	Pass

**Environmental Conditions:**

Temperature: (°C)	25.3	Relative Humidity: (%)	46	ATM Pressure: (kPa)	101.3
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**Test Equipment List and Details:**

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
Anritsu	Power Meter	ML2495A	1106009	2023/8/4	2024/8/3
Anritsu	Pulse Power Sensor	MA2411A	10780	2023/8/4	2024/8/3
zhuoxiang	Coaxial Cable	SMA-178	211001	Each time	N/A
eastsheep	Coaxial Attenuator	2W-SMA-JK-18G	21060302	Each time	N/A

\* Statement of Traceability: China Certification ICT Co., Ltd (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).

**Test Data:**

Test Modes	Test Frequency (MHz)	Maximum Conducted Peak Output Power (dBm)	Maximum Conducted Average Output Power (dBm)	Limit (dBm)
802.11b	2412	15.45	12.37	30
	2437	16.03	12.94	30
	2462	16.32	13.27	30
802.11g	2412	<b>20.35</b>	11.91	30
	2437	20.21	12.36	30
	2462	19.68	12.44	30
802.11n ht20	2412	20.14	10.96	30
	2437	20.02	11.47	30
	2462	19.47	11.59	30
802.11n ht40	2422	19.55	10.59	30
	2437	19.92	10.73	30
	2452	19.57	10.61	30

**4.6 Maximum Power Spectral Density**

Serial Number:	2DY0-3	Test Date:	2023/12/13
Test Site:	RF	Test Mode:	Transmitting
Tester:	Jim Wei	Test Result:	Pass

**Environmental Conditions:**

Temperature: (°C)	25.3	Relative Humidity: (%)	46	ATM Pressure: (kPa)	101.3
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**Test Equipment List and Details:**

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
R&S	Spectrum Analyzer	FSV40	101943	2023/3/31	2024/3/30
zhuoxiang	Coaxial Cable	SMA-178	211001	Each time	N/A
Mini-Circuits	DC Block	BLK-18-S+	1554403	Each time	N/A

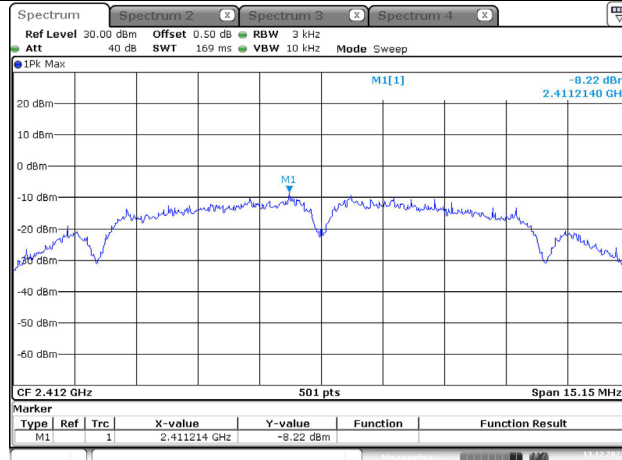
\* Statement of Traceability: China Certification ICT Co., Ltd (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).

**Test Data:**

Test Modes	Test Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Limit (dBm/3kHz)
802.11b	2412	-8.22	8.00
	2437	-7.21	8.00
	2462	-6.51	8.00
802.11g	2412	-13.66	8.00
	2437	-13.28	8.00
	2462	-11.55	8.00
802.11n ht20	2412	-13.32	8.00
	2437	-12.80	8.00
	2462	-11.72	8.00
802.11n ht40	2422	-16.09	8.00
	2437	-15.77	8.00
	2452	-15.10	8.00

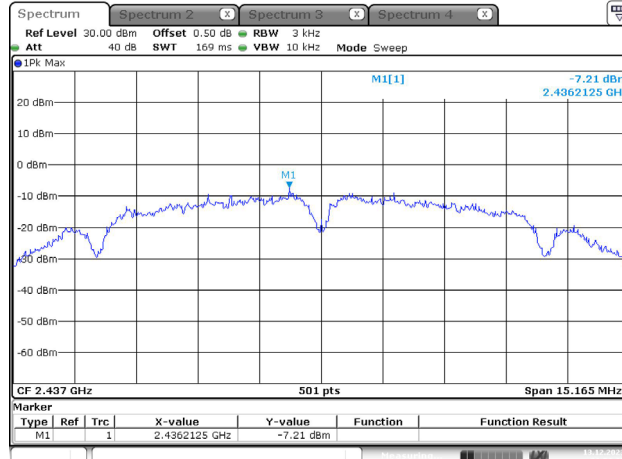
**Maximum power spectral density**

802.11b  
Lowest Channel



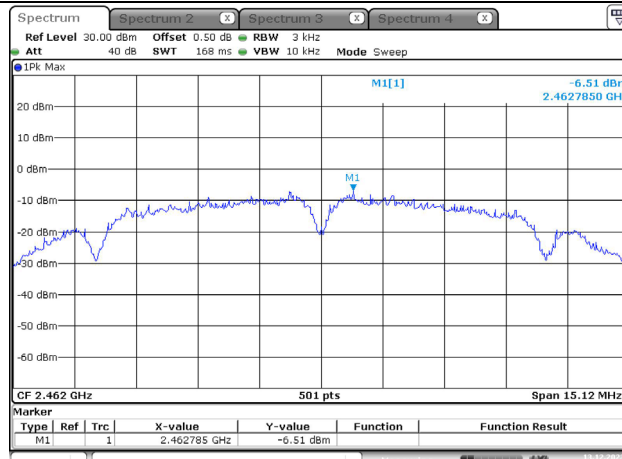
ProjectNo.:CR231167606 Tester:Jia Wei  
Date: 13.DEC.2023 21:36:43

802.11b  
Middle Channel



ProjectNo.:CR231167606 Tester:Jia Wei  
Date: 13.DEC.2023 21:53:27

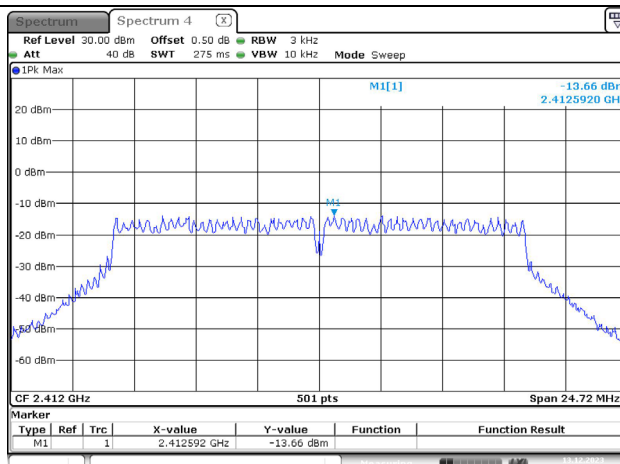
802.11b  
Highest Channel



ProjectNo.:CR231167606 Tester:Jia Wei  
Date: 13.DEC.2023 21:54:04

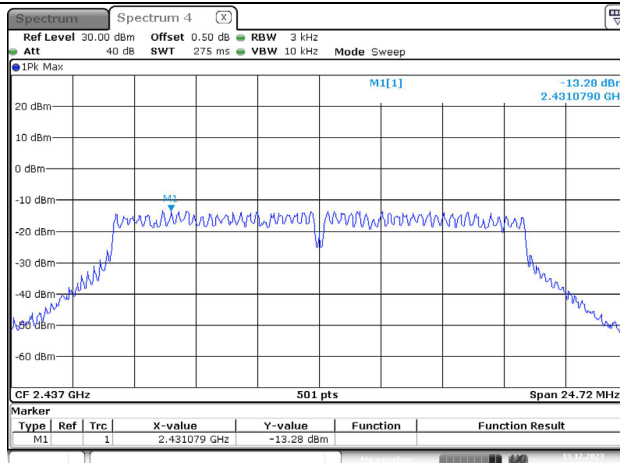
### Maximum power spectral density

802.11g  
Lowest Channel



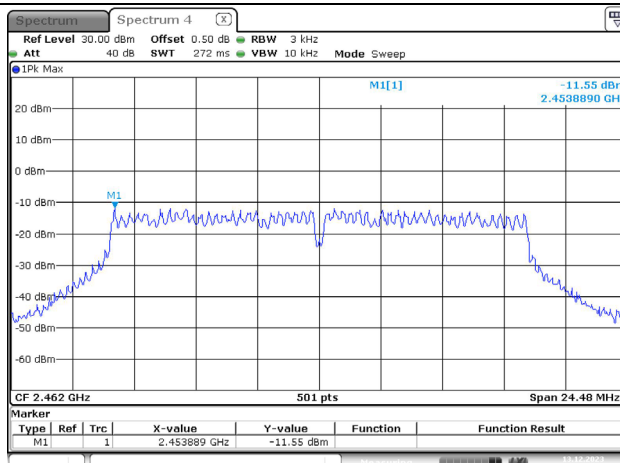
ProjectNo.:CR231167606 Tester:Jia Wei  
Date: 13.DEC.2023 20:00:24

802.11g  
Middle Channel



ProjectNo.:CR231167606 Tester:Jia Wei  
Date: 13.DEC.2023 20:27:12

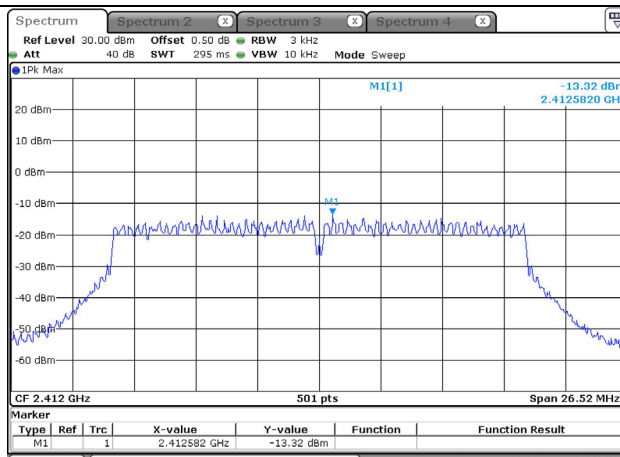
802.11g  
Highest Channel



ProjectNo.:CR231167606 Tester:Jia Wei  
Date: 13.DEC.2023 20:35:03

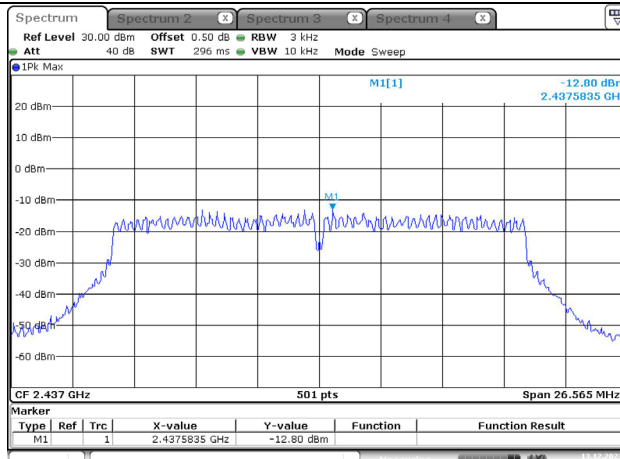
### Maximum power spectral density

802.11n ht20  
Lowest Channel



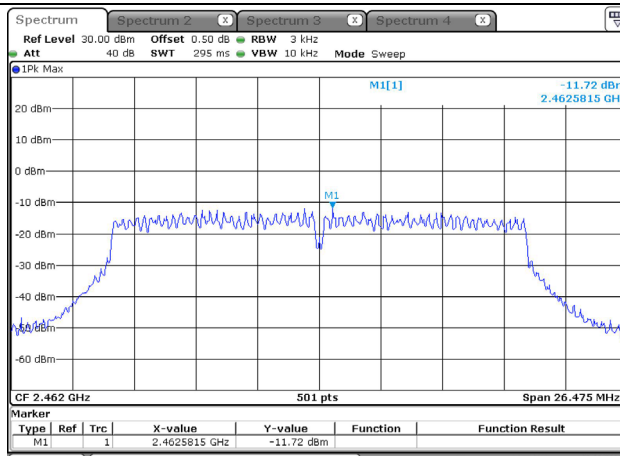
ProjectNo.:CR231167606 Tester:Jia Wei  
Date: 13.DEC.2023 21:41:58

802.11n ht20  
Middle Channel



ProjectNo.:CR231167606 Tester:Jia Wei  
Date: 13.DEC.2023 21:52:24

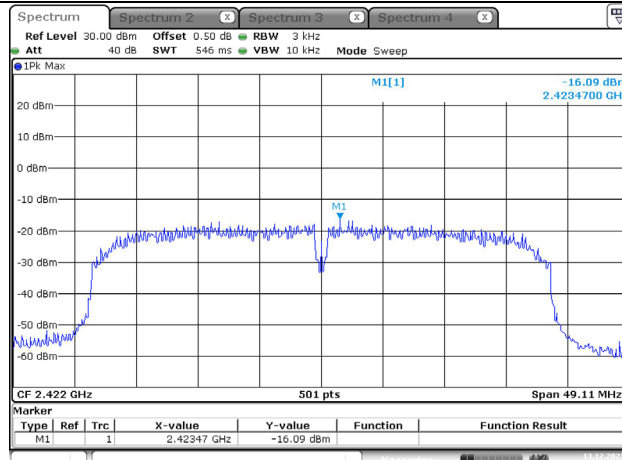
802.11n ht20  
Highest Channel



ProjectNo.:CR231167606 Tester:Jia Wei  
Date: 13.DEC.2023 21:51:51

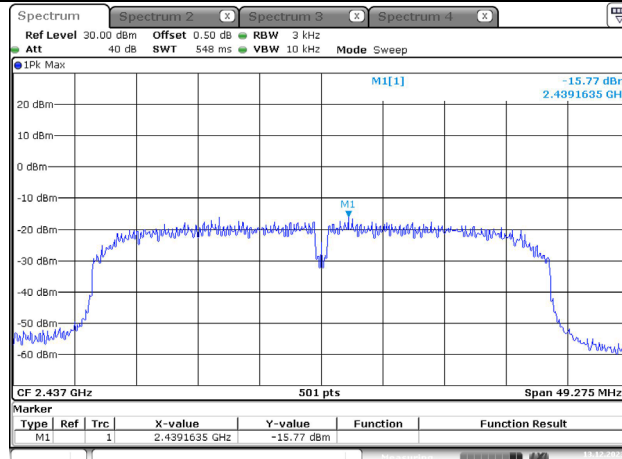
### Maximum power spectral density

802.11n ht40  
Lowest Channel



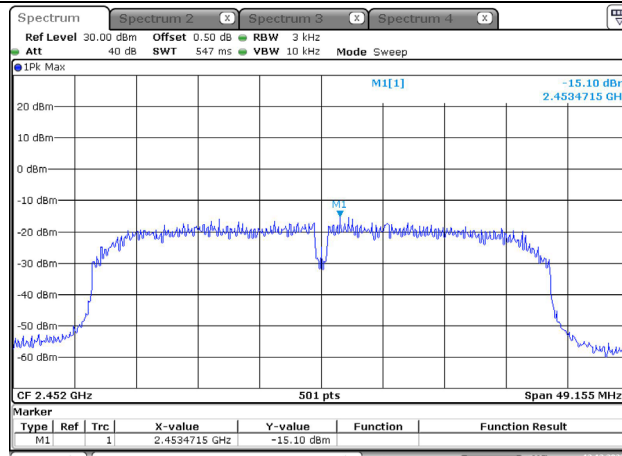
ProjectNo.:CR231167606 Tester:Jia Wei  
Date: 13.DEC.2023 21:49:27

802.11n ht40  
Middle Channel



ProjectNo.:CR231167606 Tester:Jia Wei  
Date: 13.DEC.2023 21:50:05

802.11n ht40  
Highest Channel



ProjectNo.:CR231167606 Tester:Jia Wei  
Date: 13.DEC.2023 21:50:47

**4.7 100 kHz Bandwidth of Frequency Band Edge:**

Serial Number:	2DY0-3	Test Date:	2023/12/13
Test Site:	RF	Test Mode:	Transmitting
Tester:	Jim Wei	Test Result:	Pass

**Environmental Conditions:**

Temperature: (°C)	25.3	Relative Humidity: (%)	46	ATM Pressure: (kPa)	101.3
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**Test Equipment List and Details:**

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
R&S	Spectrum Analyzer	FSV40	101943	2023/3/31	2024/3/30
zhuoxiang	Coaxial Cable	SMA-178	211001	Each time	N/A
Mini-Circuits	DC Block	BLK-18-S+	1554403	Each time	N/A

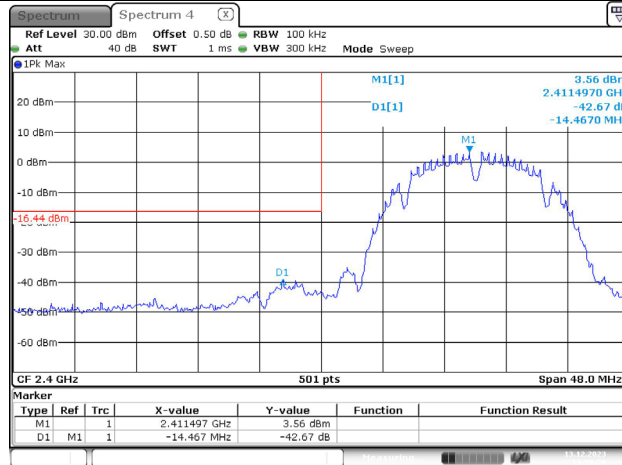
\* Statement of Traceability: China Certification ICT Co., Ltd (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).

**Test Data:**



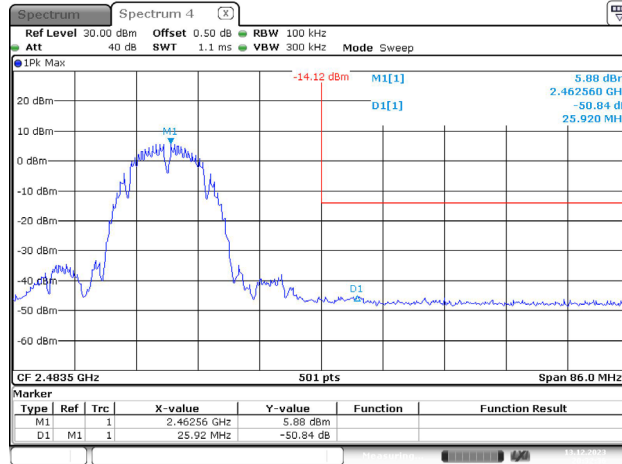
### 100 kHz Bandwidth of Frequency Band Edge

802.11b  
Lowest Band edge



ProjectNo.:CR231167606 Tester:Jia Wei  
Date: 13.DEC.2023 19:58:20

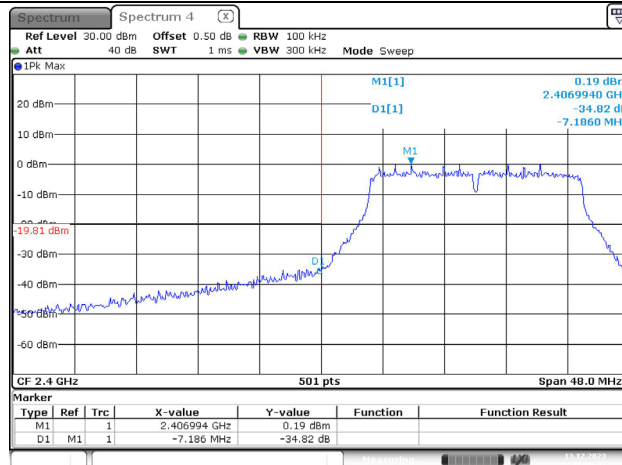
802.11b  
Highest Band edge



ProjectNo.:CR231167606 Tester:Jia Wei  
Date: 13.DEC.2023 20:32:36

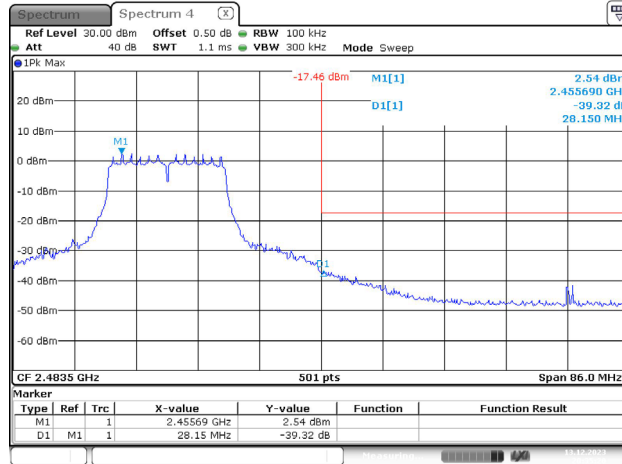
### 100 kHz Bandwidth of Frequency Band Edge

802.11g  
Lowest Band edge



ProjectNo.:CR231167606 Tester:Jia Wei  
Date: 13.DEC.2023 20:00:46

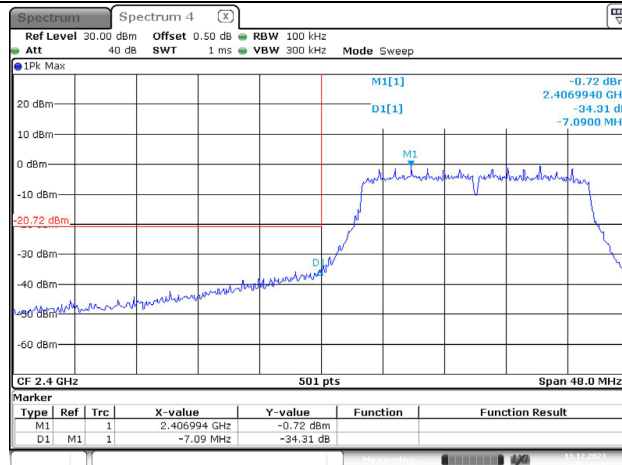
802.11g  
Highest Band edge



ProjectNo.:CR231167606 Tester:Jia Wei  
Date: 13.DEC.2023 20:35:20

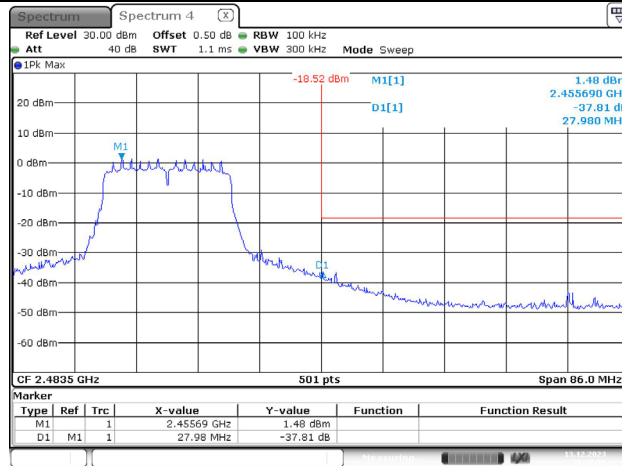
### 100 kHz Bandwidth of Frequency Band Edge

802.11n ht20  
Lowest Band edge



ProjectNo.:CR231167606 Tester:Jia Wei  
Date: 13.DEC.2023 20:10:26

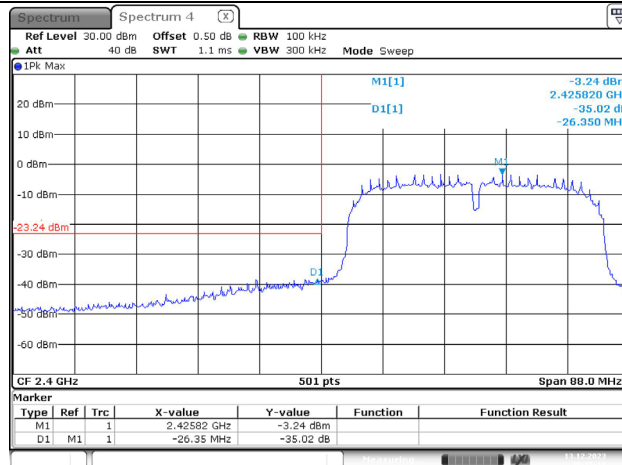
802.11n ht20  
Highest Band edge



ProjectNo.:CR231167606 Tester:Jia Wei  
Date: 13.DEC.2023 20:37:50

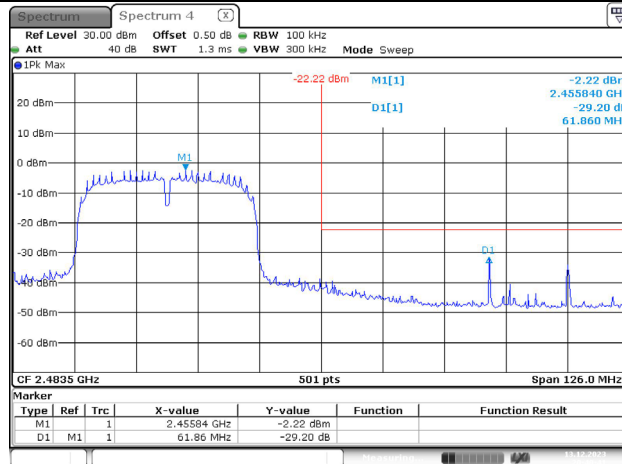
### 100 kHz Bandwidth of Frequency Band Edge

802.11n ht40  
Lowest Band edge



ProjectNo.:CR231167606 Tester:Jia Wei  
Date: 13.DEC.2023 20:15:18

802.11n ht40  
Highest Band edge



ProjectNo.:CR231167606 Tester:Jia Wei  
Date: 13.DEC.2023 20:40:41

**4.8 Duty Cycle:**

Serial Number:	2DY0-3	Test Date:	2023/12/13
Test Site:	RF	Test Mode:	Transmitting
Tester:	Jim Wei	Test Result:	N/A

**Environmental Conditions:**

Temperature: (°C)	25.3	Relative Humidity: (%)	46	ATM Pressure: (kPa)	101.3
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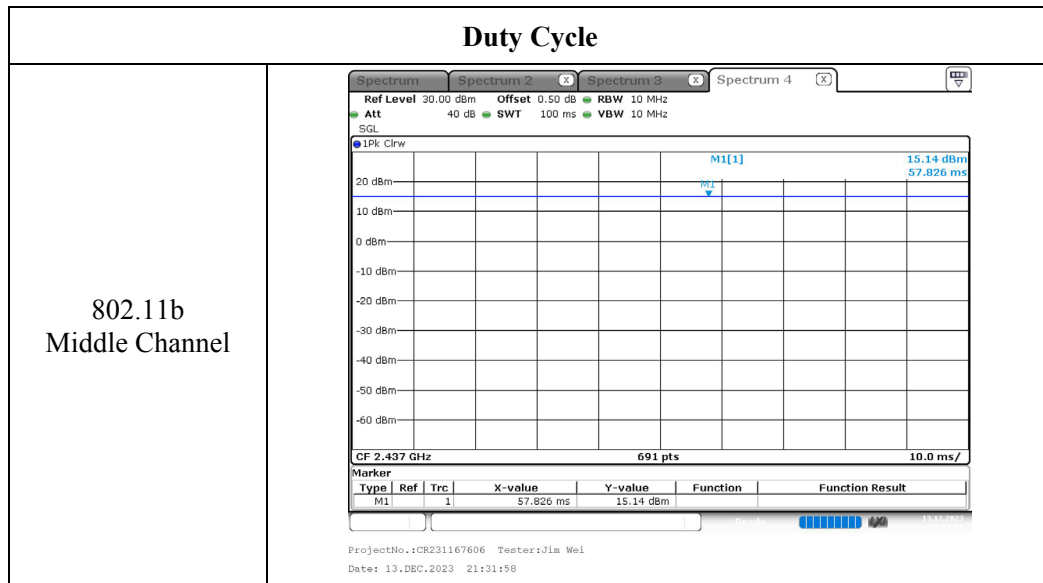
**Test Equipment List and Details:**

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
R&S	Spectrum Analyzer	FSV40	101943	2023/3/31	2024/3/30
zhuoxiang	Coaxial Cable	SMA-178	211001	Each time	N/A
Mini-Circuits	DC Block	BLK-18-S+	1554403	Each time	N/A

\* Statement of Traceability: China Certification ICT Co., Ltd (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).

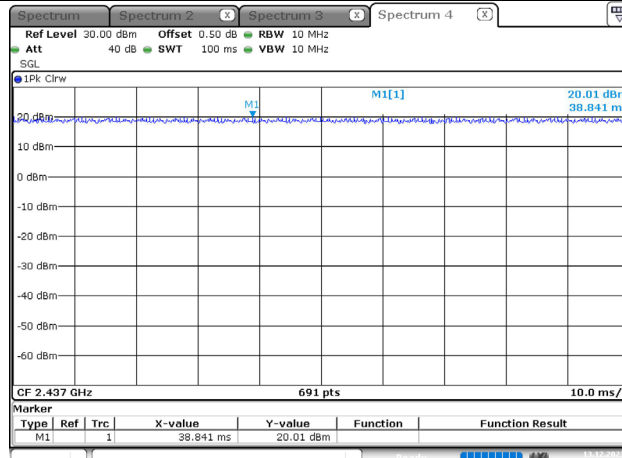
**Test Data:**

Test Modes	Ton (ms)	Ton+off (ms)	Duty cycle (%)	1/T (Hz)	VBW Setting (kHz)
802.11b	100	100	100.00	/	0.01
802.11g	100	100	100.00	/	0.01
802.11n ht20	100	100	100.00	/	0.01
802.11n ht40	100	100	100.00	/	0.01



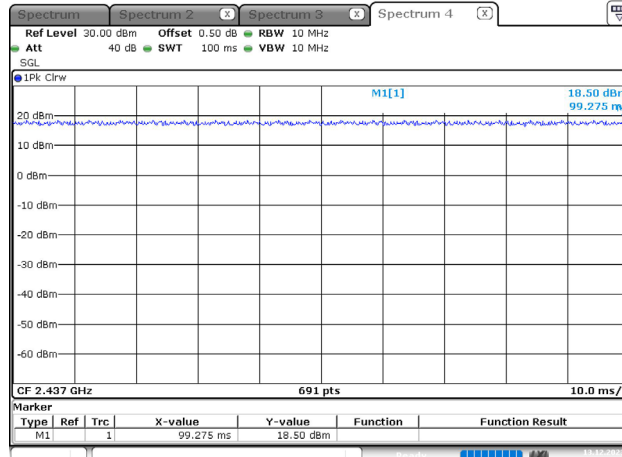
### Duty Cycle

802.11g  
Middle Channel



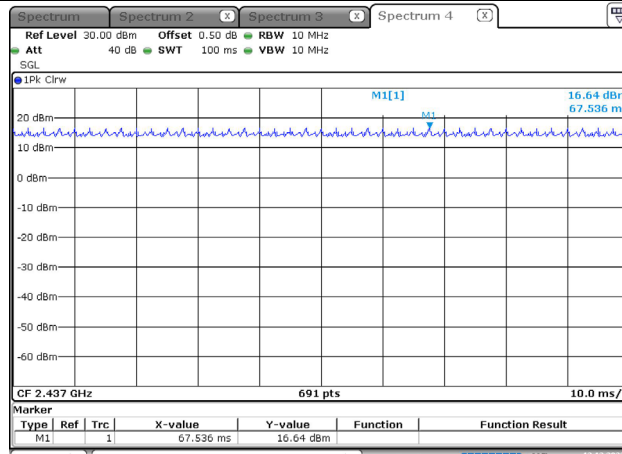
ProjectNo.:CR231167606 Tester:Jia Wei  
Date: 13.DEC.2023 21:34:22

802.11n ht20  
Middle Channel



ProjectNo.:CR231167606 Tester:Jia Wei  
Date: 13.DEC.2023 21:19:28

802.11n ht40  
Middle Channel



ProjectNo.:CR231167606 Tester:Jia Wei  
Date: 13.DEC.2023 21:03:39

## **5. EUT PHOTOGRAPHS**

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Please refer to the attachment CR231167606-EXP EUT EXTERNAL PHOTOGRAPHS and CR231167606-INP EUT INTERNAL PHOTOGRAPHS

## **6. TEST SETUP PHOTOGRAPHS**

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Please refer to the attachment CR231167606-00A-TSP TEST SETUP PHOTOGRAPHS.

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