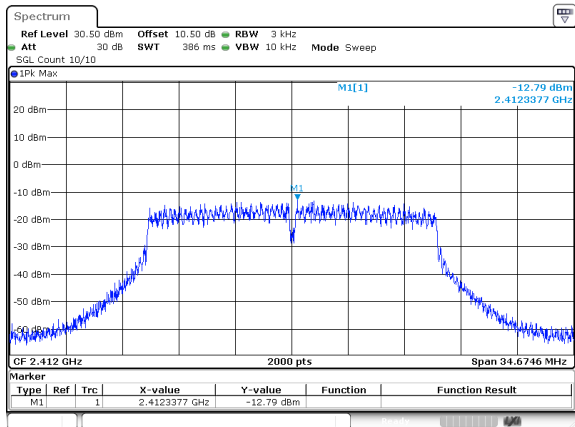


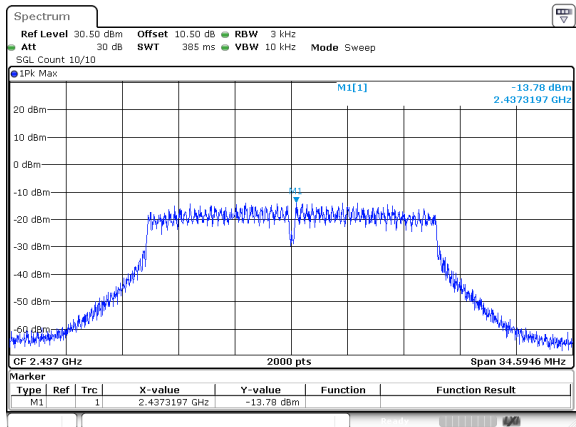
Chain 0

802.11n20_2412MHz_Chain 0



ProjectNo.:2601P38117E-RF Tester:Cheeb Huang
Date: 13.FEB.2026 13:09:59

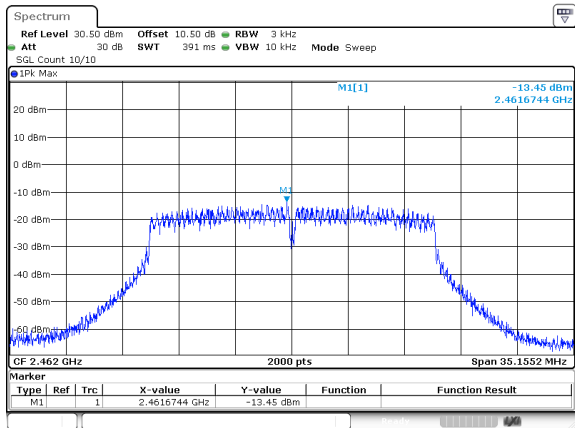
802.11n20_2437MHz_Chain 0



ProjectNo.:2601P38117E-RF Tester:Cheeb Huang
Date: 13.FEB.2026 13:41:25

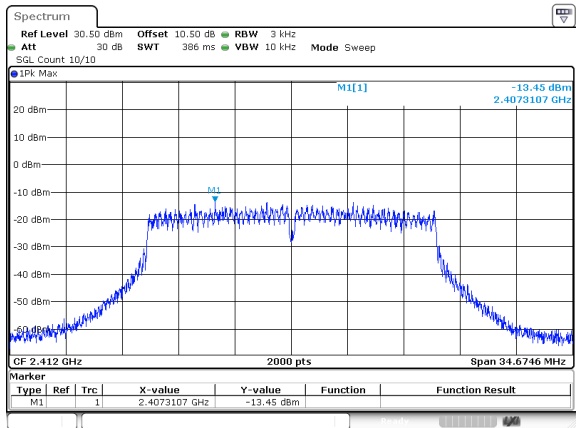
Chain 1

802.11n20_2462MHz_Chain 0



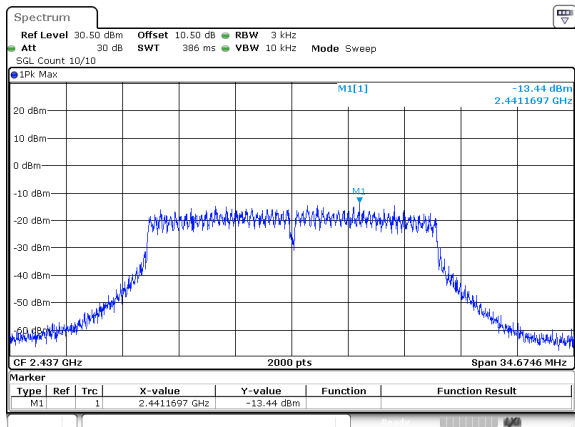
ProjectNo.:2601P38117E-RF Tester:Cheeb Huang
Date: 13.FEB.2026 13:44:08

802.11n20_2412MHz_Chain 1



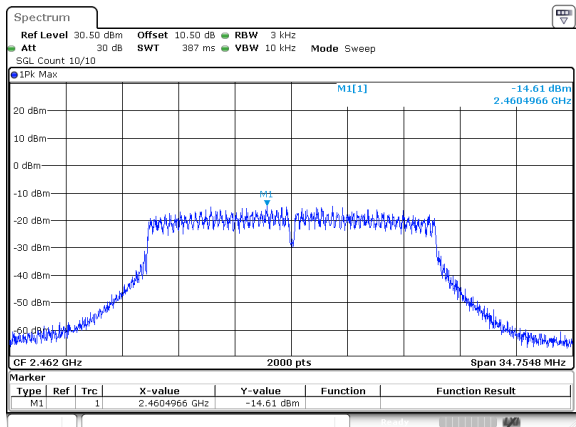
ProjectNo.:2601P38117E-RF Tester:Cheeb Huang
Date: 13.FEB.2026 13:08:31

802.11n20_2437MHz_Chain 1



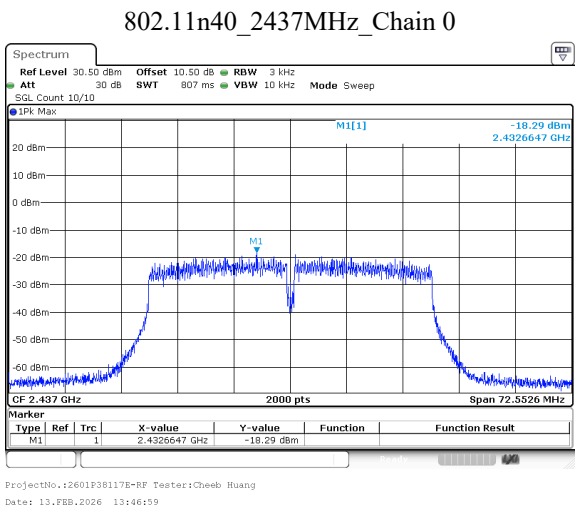
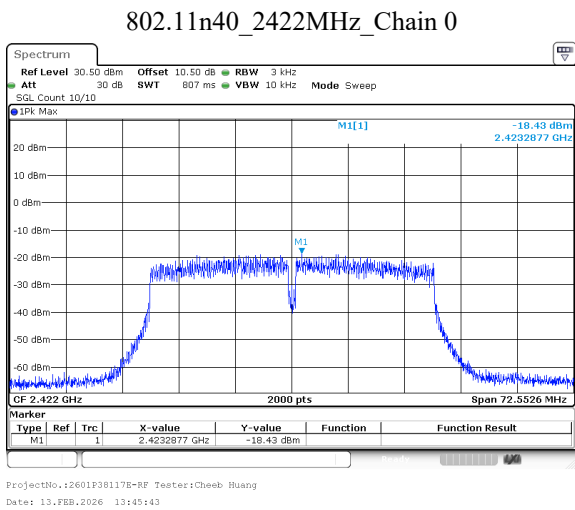
ProjectNo.:2601P38117E-RF Tester:Cheeb Huang
Date: 13.FEB.2026 13:10:07

802.11n20_2462MHz_Chain 1

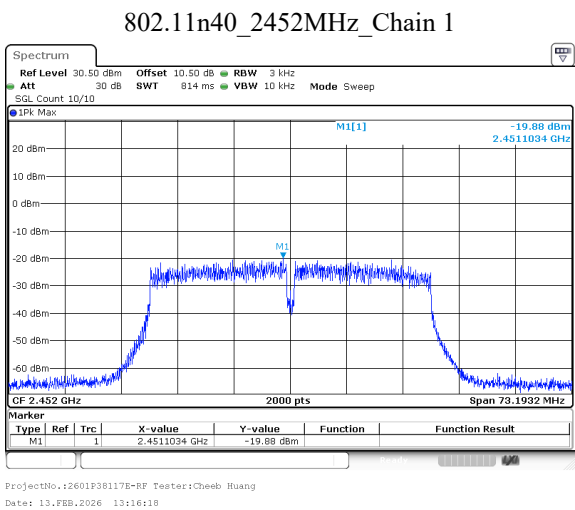
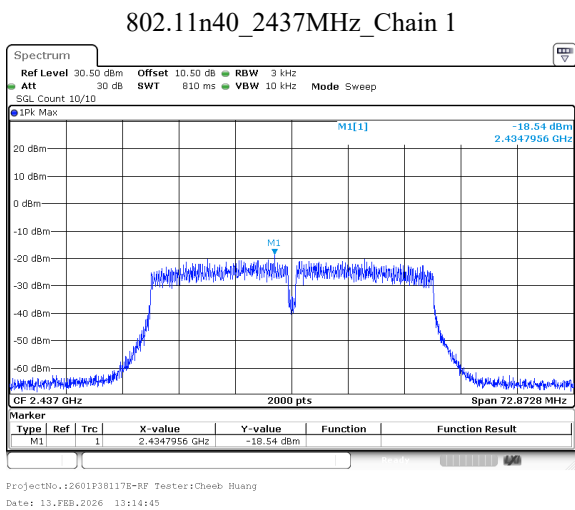
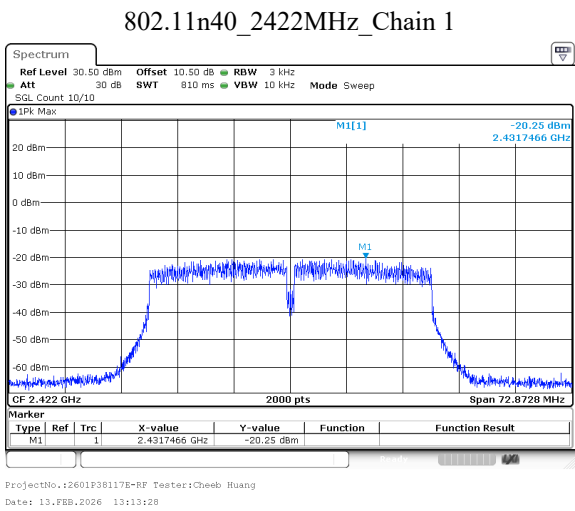
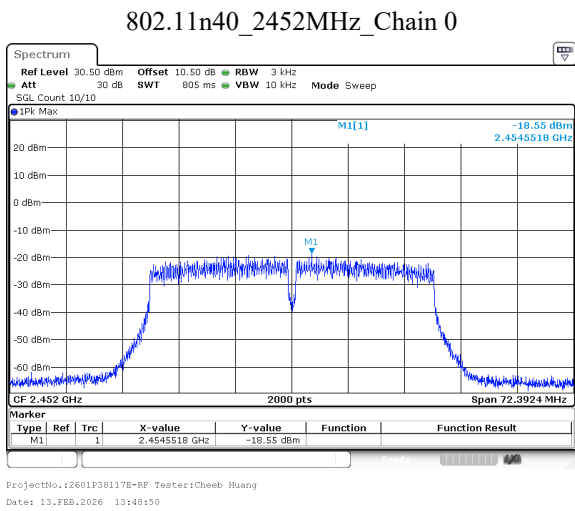


ProjectNo.:2601P38117E-RF Tester:Cheeb Huang
Date: 13.FEB.2026 13:11:51

Chain 0



Chain 1



100 kHz Bandwidth of Frequency Band Edge**Test Information:**

Sample No.:	3GDU-2	Test Date:	2026/02/13
Test Site:	RF	Test Mode:	Transmitting
Tester:	Cheeb Huang	Test Result:	Pass

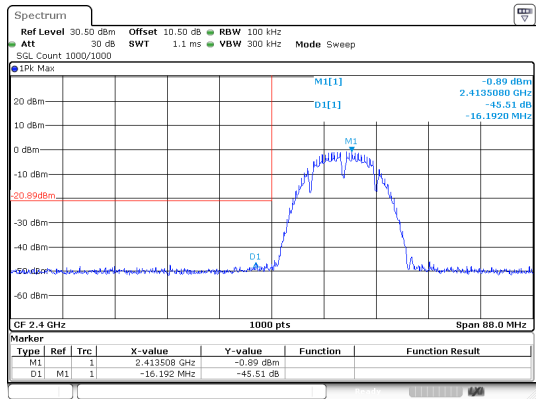
Environmental Conditions:

Temperature: (°C)	25.5	Relative Humidity: (%)	49	ATM Pressure: (kPa)	101
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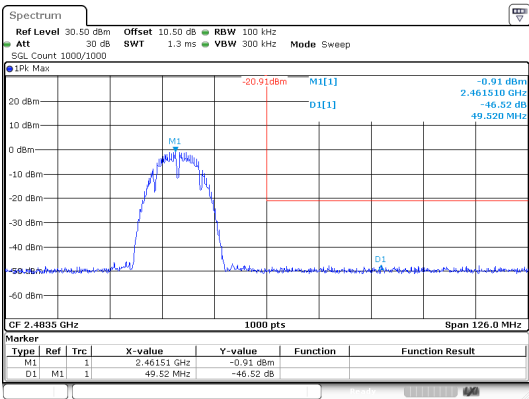
Test Data:

Chain 0

802.11b_2412MHz_Chain 0

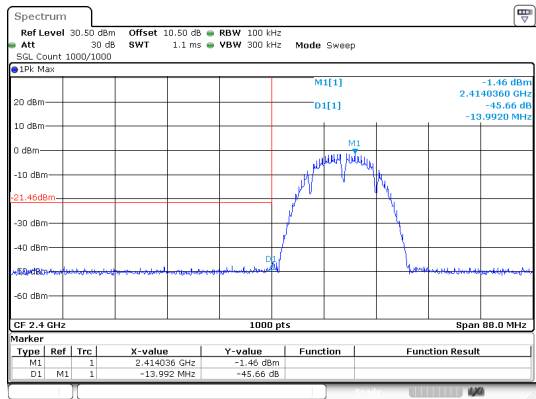


802.11b_2462MHz_Chain 0

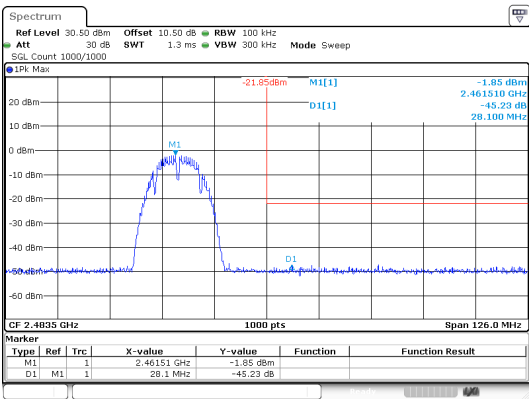


Chain 1

802.11b_2412MHz_Chain 1

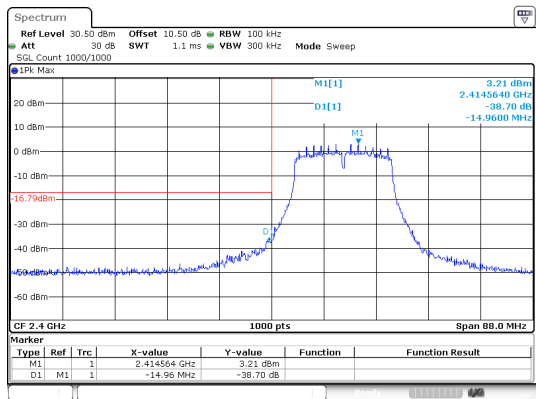


802.11b_2462MHz_Chain 1

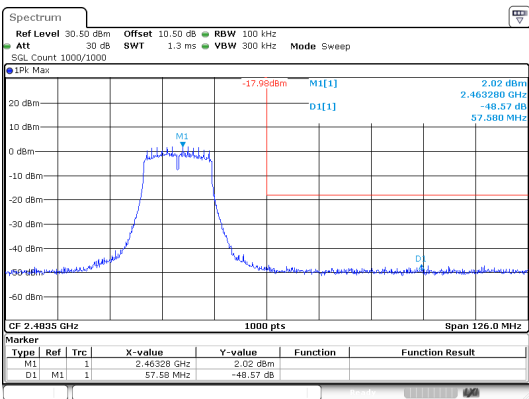


Chain 0

802.11g_2412MHz_Chain 0

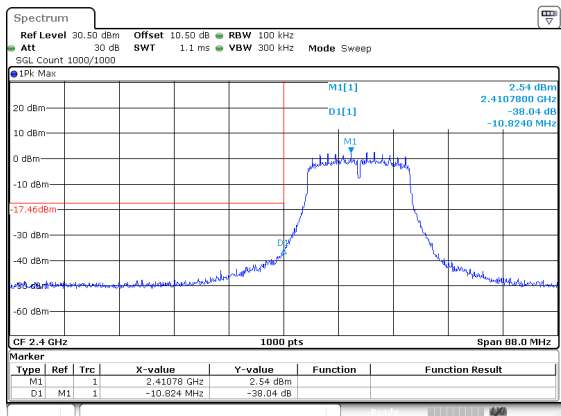


802.11g_2462MHz_Chain 0



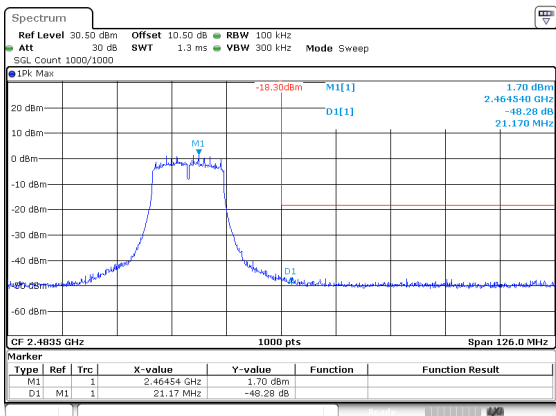
Chain 1

802.11g_2412MHz_Chain 1



ProjectNo.:2601P38117E-RF Tester:Cheeb Huang
Date: 13.FEB.2026 13:02:33

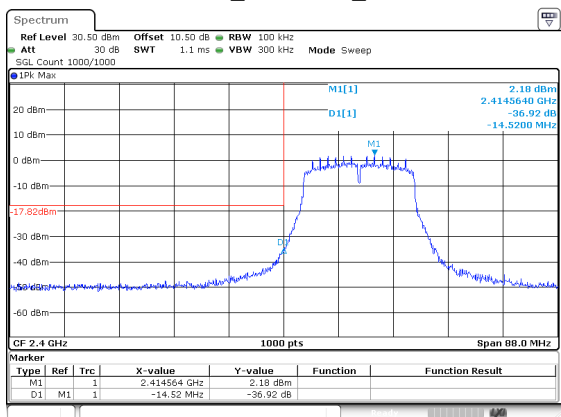
802.11g_2462MHz_Chain 1



ProjectNo.:2601P38117E-RF Tester:Cheeb Huang
Date: 13.FEB.2026 13:05:57

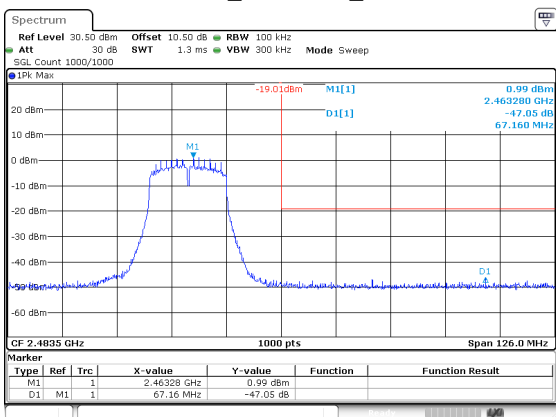
Chain 0

802.11n20_2412MHz_Chain 0



ProjectNo.:2601P38117E-RF Tester:Cheeb Huang
Date: 13.FEB.2026 13:39:49

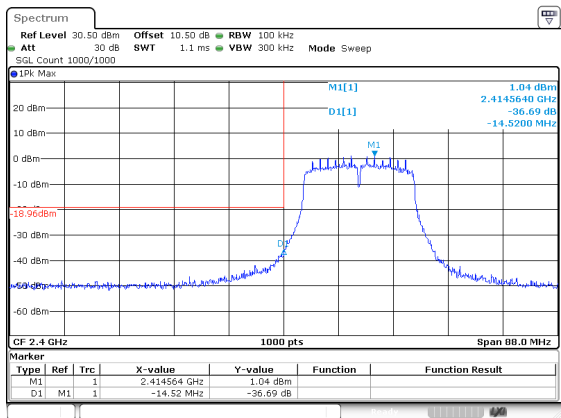
802.11n20_2462MHz_Chain 0



ProjectNo.:2601P38117E-RF Tester:Cheeb Huang
Date: 13.FEB.2026 13:43:57

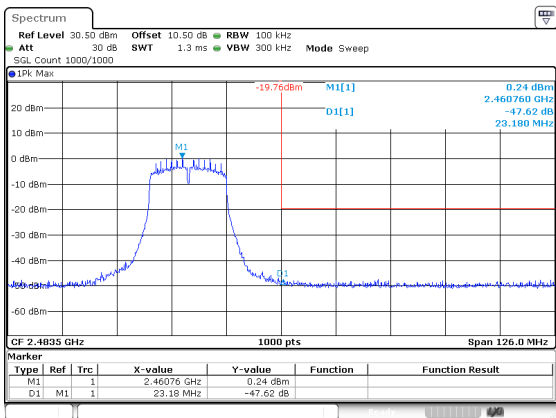
Chain 1

802.11n20_2412MHz_Chain 1



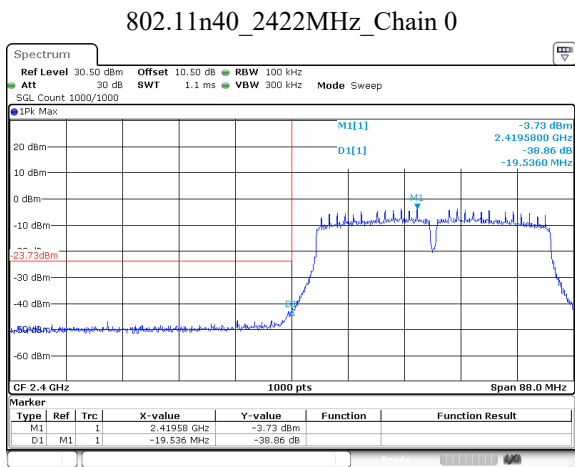
ProjectNo.:2601P38117E-RF Tester:Cheeb Huang
Date: 13.FEB.2026 13:08:20

802.11n20_2462MHz_Chain 1

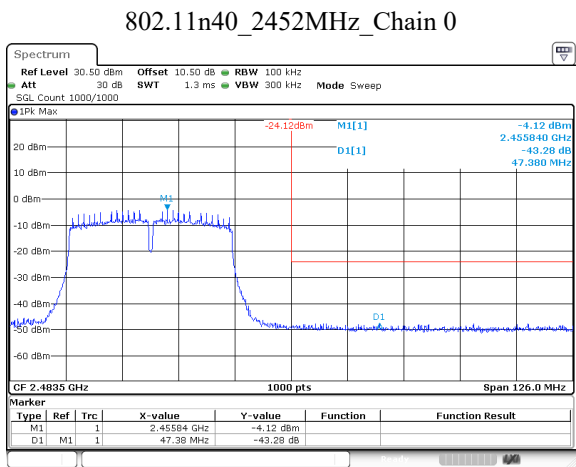


ProjectNo.:2601P38117E-RF Tester:Cheeb Huang
Date: 13.FEB.2026 13:11:40

Chain 0

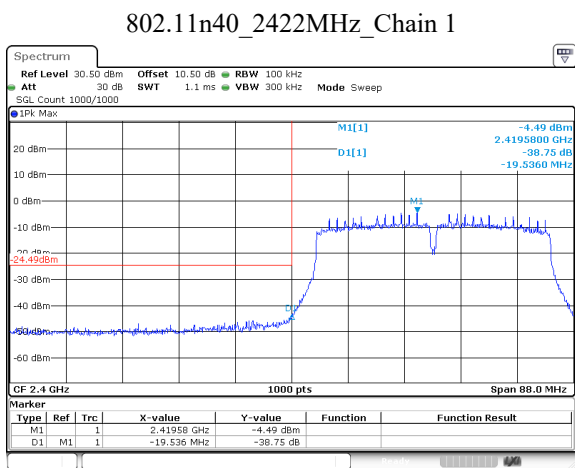


ProjectNo.:2601P38117E-RF Tester:Cheeb Huang
Date: 13.FEB.2026 13:45:26

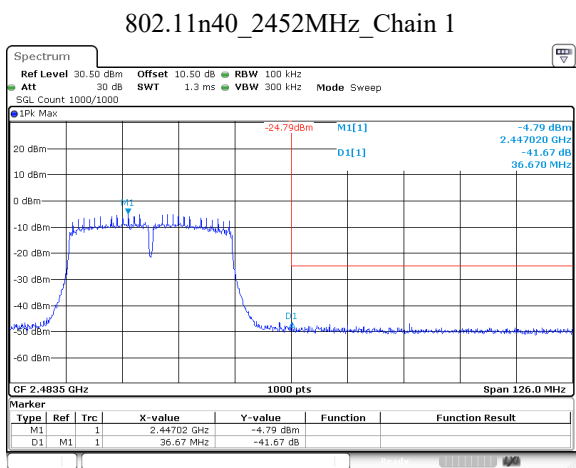


ProjectNo.:2601P38117E-RF Tester:Cheeb Huang
Date: 13.FEB.2026 13:48:33

Chain 1



ProjectNo.:2601P38117E-RF Tester:Cheeb Huang
Date: 13.FEB.2026 13:13:12



ProjectNo.:2601P38117E-RF Tester:Cheeb Huang
Date: 13.FEB.2026 13:16:01

Duty Cycle**Test Information:**

Sample No.:	3GDU-2	Test Date:	2026/02/13
Test Site:	RF	Test Mode:	Transmitting
Tester:	Cheeb Huang	Test Result:	N/A

Environmental Conditions:

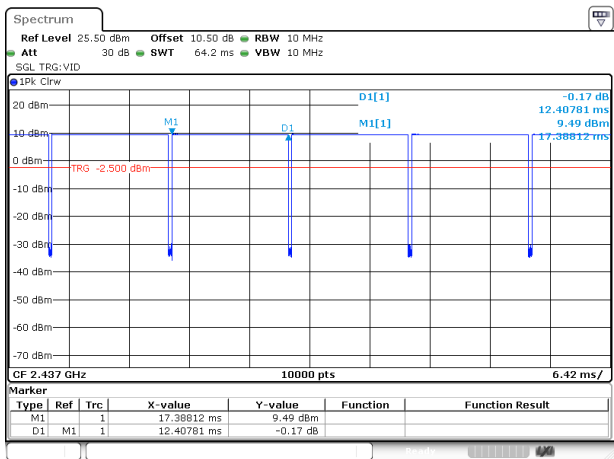
Temperature: (°C)	25.5	Relative Humidity: (%)	49	ATM Pressure: (kPa)	101
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Test Data:

Mode	Test Frequency (MHz)	Ton (ms)	Ton+Toff (ms)	Duty Cycle (%)	Duty Cycle Factor(dB)	1/Ton (Hz)	VBW Setting (kHz)
802.11b	2437	12.408	NA	Not constant	NA	81	0.100
802.11g	2437	2.065	NA	Not constant	NA	484	0.500
802.11n20	2437	1.922	NA	Not constant	NA	520	1
802.11n40	2437	0.945	NA	Not constant	NA	1058	2

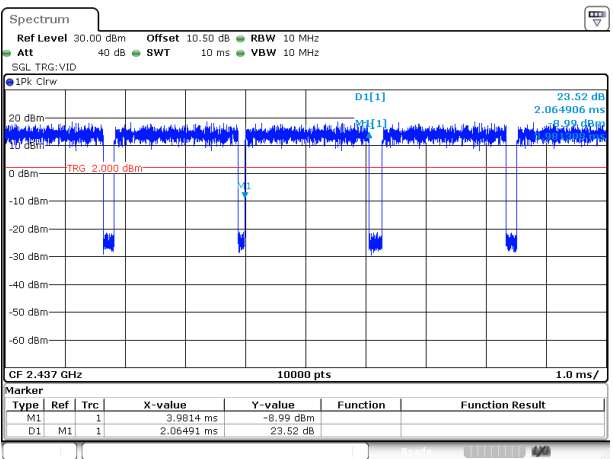
$$\text{Duty Cycle} = \text{Ton}/(\text{Ton}+\text{Toff})*100\%$$

802.11b_2437MHz



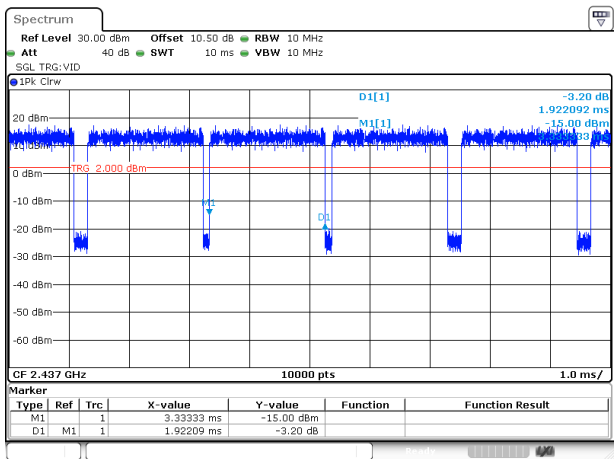
ProjectNo.:2601P38117E-RF Tester:Cheeb Huang
Date: 13.FEB.2026 12:06:36

802.11g_2437MHz



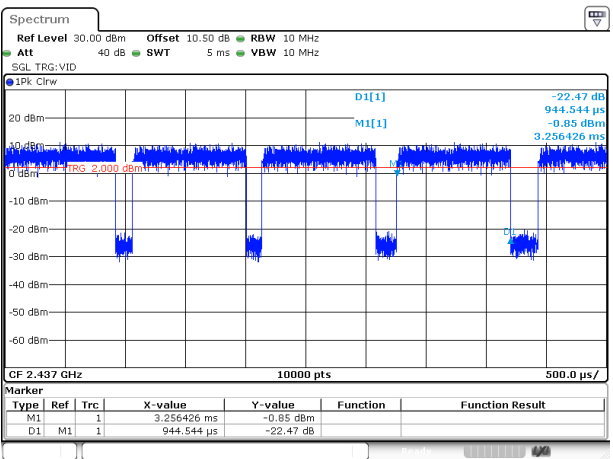
ProjectNo.:2601P38117E-RF Tester:Cheeb Huang
Date: 13.FEB.2026 12:09:28

802.11n20_2437MHz



ProjectNo.:2601P38117E-RF Tester:Cheeb Huang
Date: 13.FEB.2026 12:10:26

802.11n40_2437MHz



ProjectNo.:2601P38117E-RF Tester:Cheeb Huang
Date: 13.FEB.2026 12:12:07

Conducted Spurious Emission**Test Information:**

Sample No.:	3GDU-2	Test Date:	2026/02/13
Test Site:	RF	Test Mode:	Transmitting
Tester:	Cheeb Huang	Test Result:	Pass

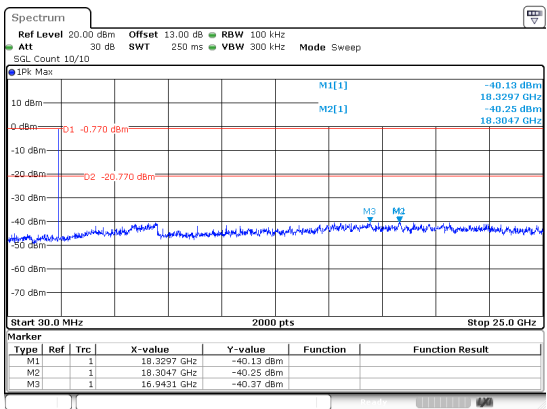
Environmental Conditions:

Temperature: (°C)	25.5	Relative Humidity: (%)	49	ATM Pressure: (kPa)	101
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Test Data:

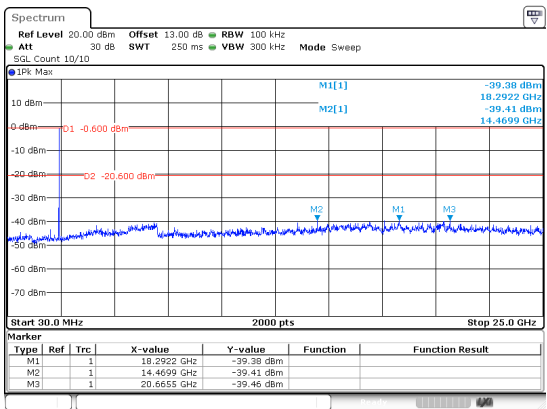
Chain 0

802.11b_2412MHz_Chain 0



ProjectNo.:2601P38117E-RF Tester:Cheeb Huang
Date: 13.FEB.2026 13:57:02

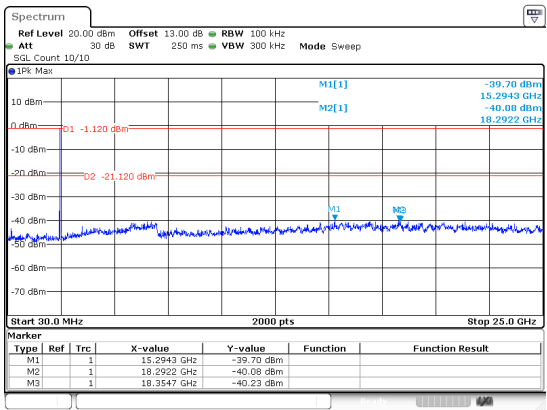
802.11b_2437MHz_Chain 0



ProjectNo.:2601P38117E-RF Tester:Cheeb Huang
Date: 13.FEB.2026 13:57:32

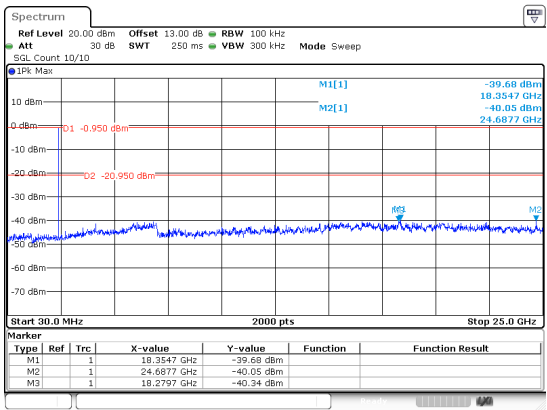
Chain 1

802.11b_2462MHz_Chain 0



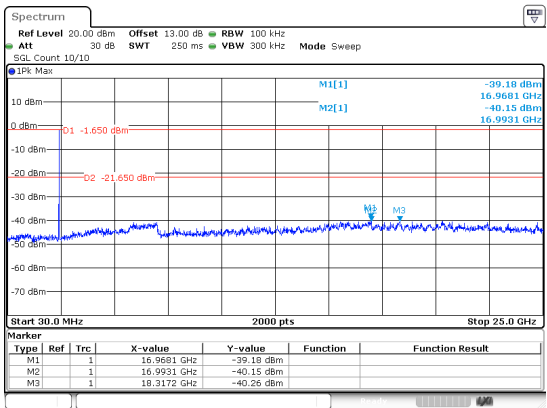
ProjectNo.:2601P38117E-RF Tester:Cheeb Huang
Date: 13.FEB.2026 13:58:03

802.11b_2412MHz_Chain 1



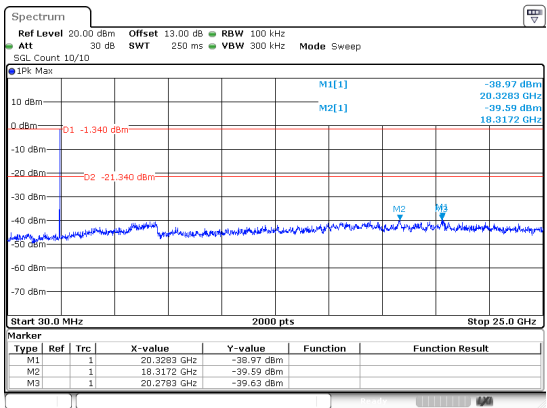
ProjectNo.:2601P38117E-RF Tester:Cheeb Huang
Date: 13.FEB.2026 14:12:23

802.11b_2437MHz_Chain 1



ProjectNo.:2601P38117E-RF Tester:Cheeb Huang
Date: 13.FEB.2026 14:12:58

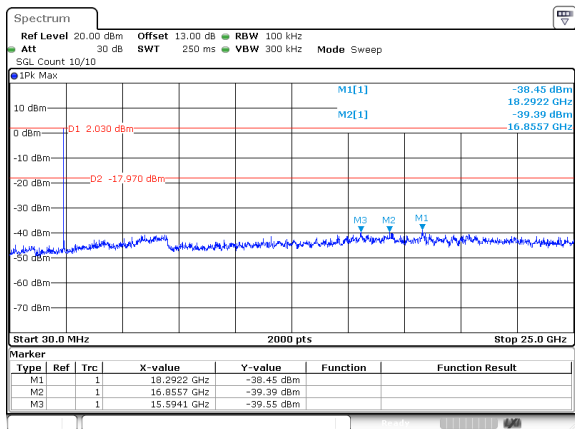
802.11b_2462MHz_Chain 1



ProjectNo.:2601P38117E-RF Tester:Cheeb Huang
Date: 13.FEB.2026 14:13:35

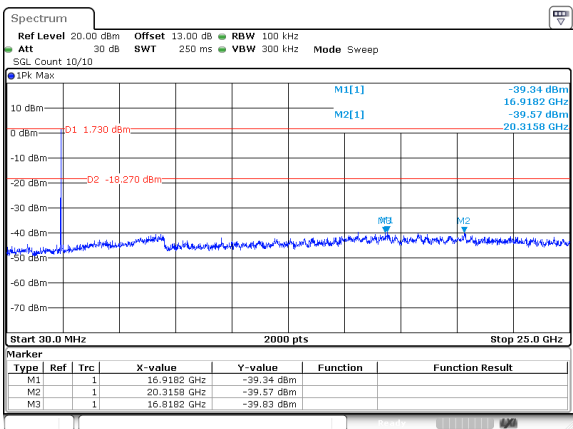
Chain 0

802.11g_2412MHz_Chain 0



ProjectNo.:2601P38117E-RF Tester:Cheeb Huang
Date: 13.FEB.2026 13:08:32

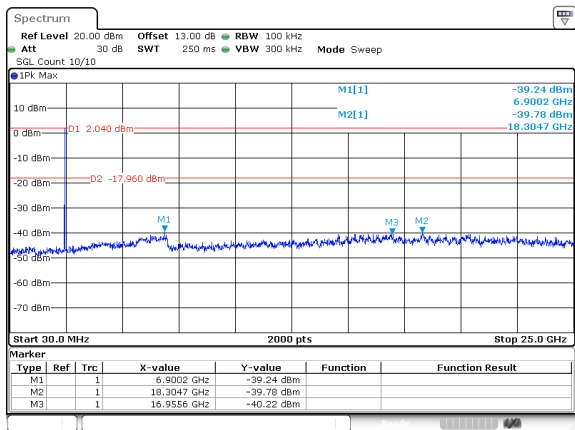
802.11g_2437MHz_Chain 0



ProjectNo.:2601P38117E-RF Tester:Cheeb Huang
Date: 13.FEB.2026 13:59:15

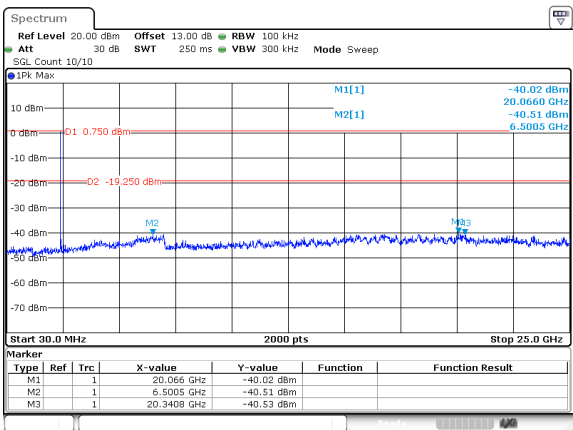
Chain 1

802.11g_2462MHz_Chain 0



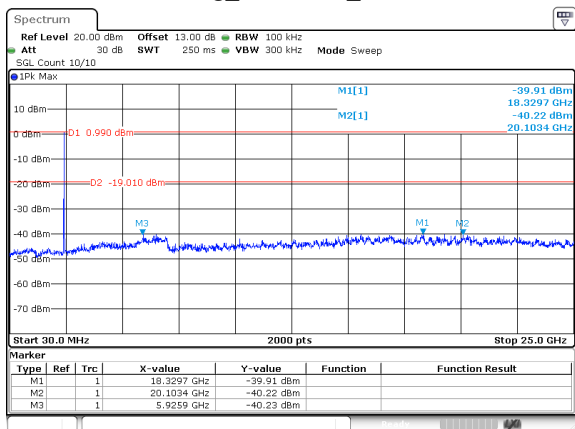
ProjectNo.:2601P38117E-RF Tester:Cheeb Huang
Date: 13.FEB.2026 13:59:50

802.11g_2412MHz_Chain 1



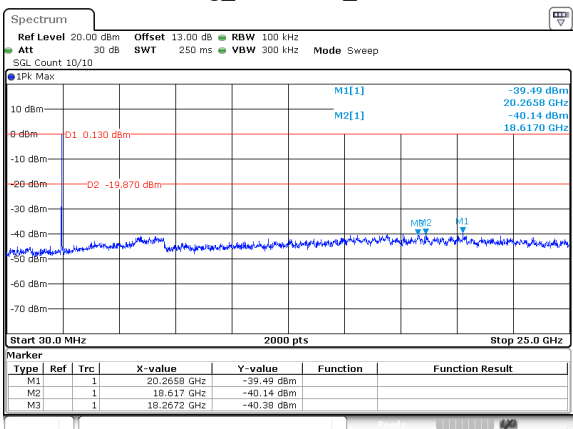
ProjectNo.:2601P38117E-RF Tester:Cheeb Huang
Date: 13.FEB.2026 14:20:29

802.11g_2437MHz_Chain 1



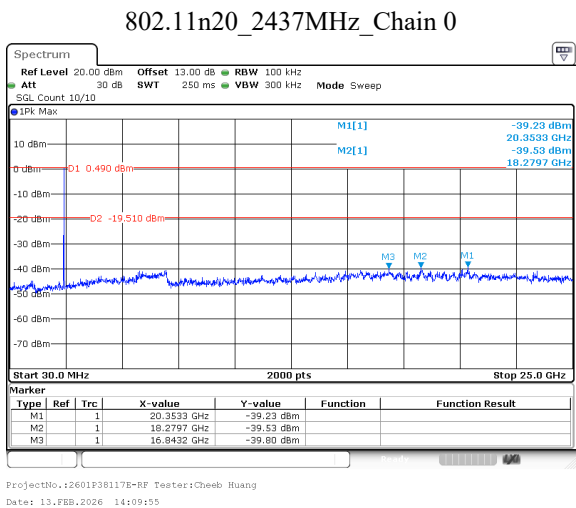
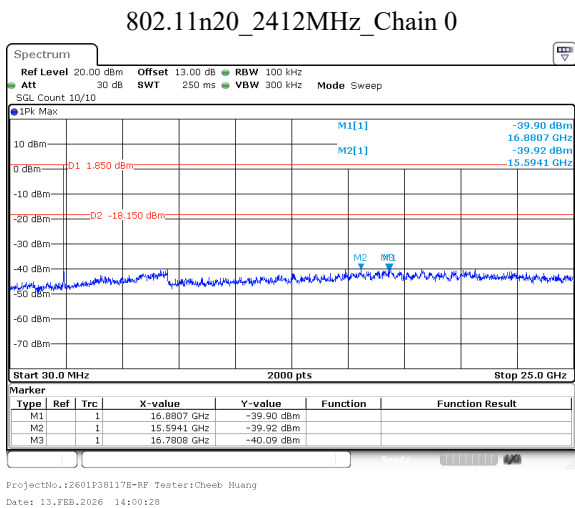
ProjectNo.:2601P38117E-RF Tester:Cheeb Huang
Date: 13.FEB.2026 14:14:48

802.11g_2462MHz_Chain 1

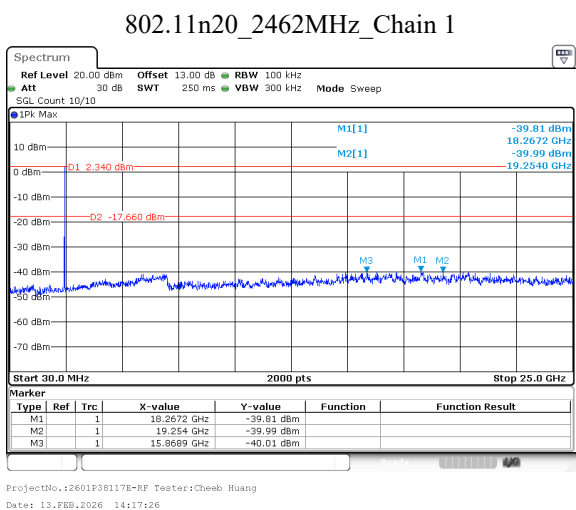
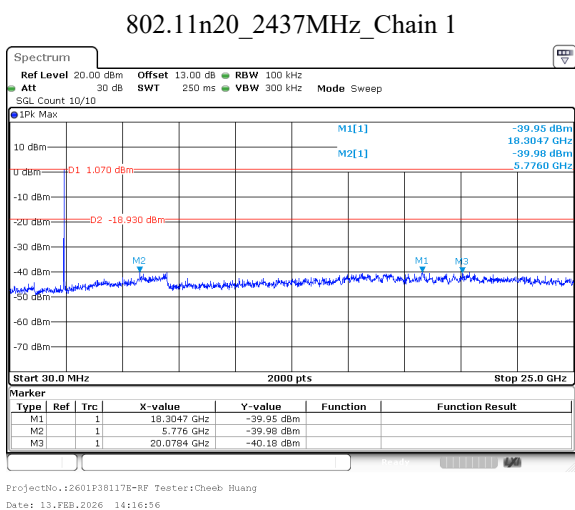
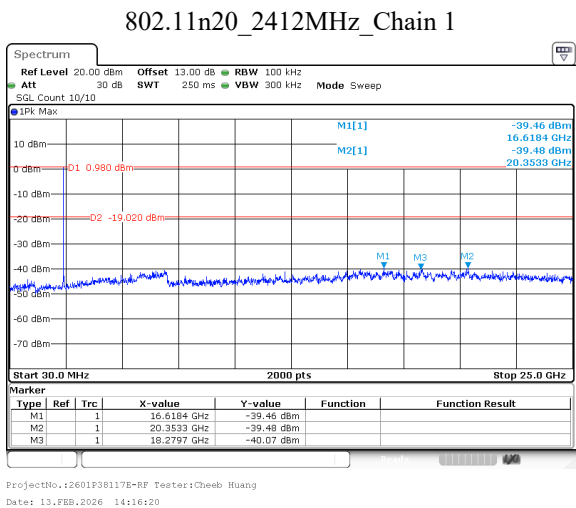
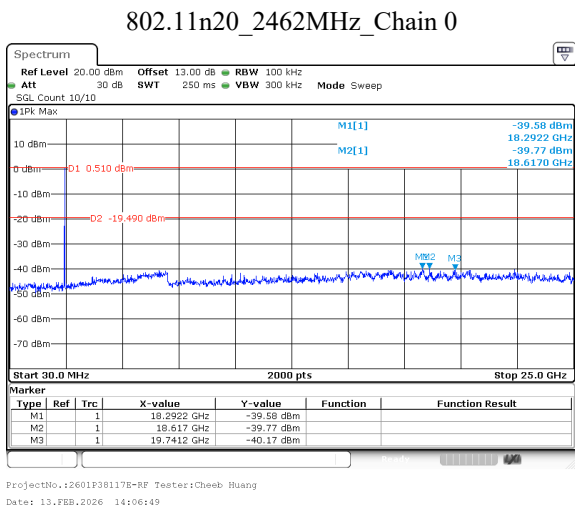


ProjectNo.:2601P38117E-RF Tester:Cheeb Huang
Date: 13.FEB.2026 14:15:21

Chain 0

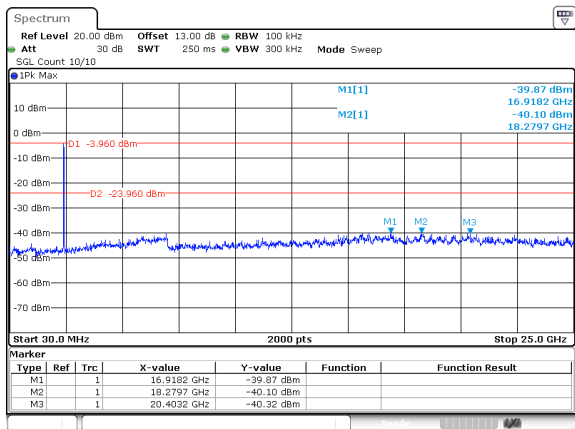


Chain 1



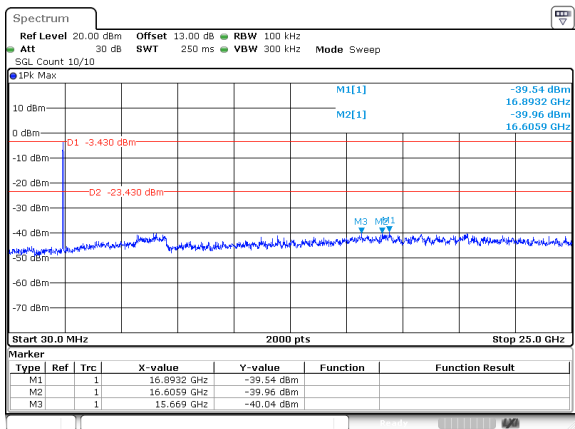
Chain 0

802.11n40_2422MHz_Chain 0



ProjectNo.:2601P38117E-RF Tester:Cheeb Huang
Date: 13.FEB.2026 14:03:32

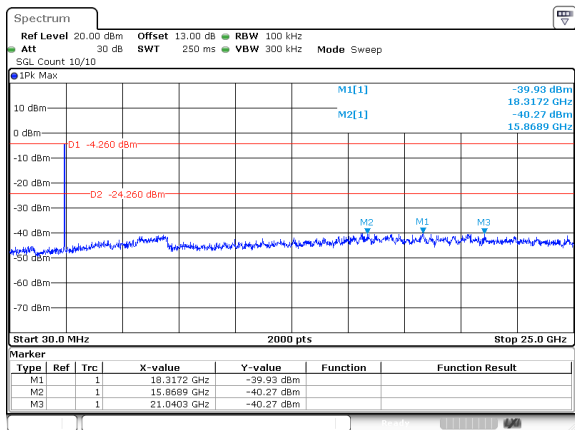
802.11n40_2437MHz_Chain 0



ProjectNo.:2601P38117E-RF Tester:Cheeb Huang
Date: 13.FEB.2026 14:02:25

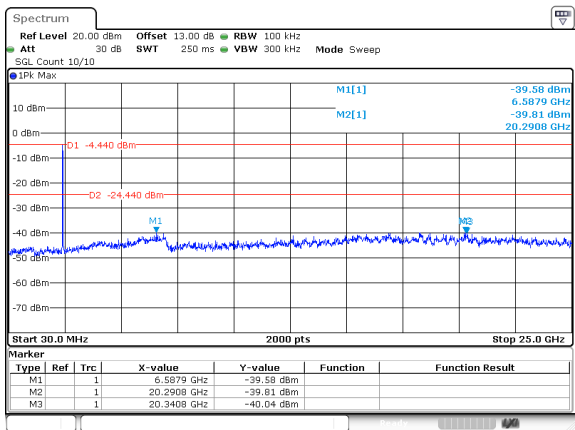
Chain 1

802.11n40_2452MHz_Chain 0



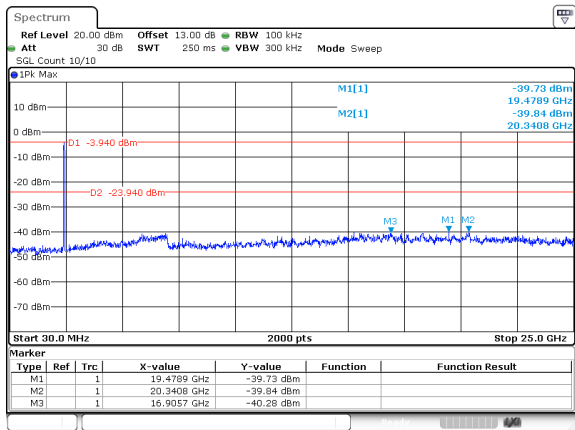
ProjectNo.:2601P38117E-RF Tester:Cheeb Huang
Date: 13.FEB.2026 14:02:53

802.11n40_2422MHz_Chain 1



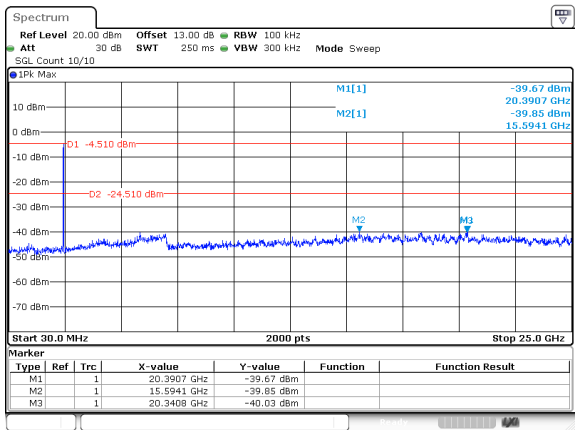
ProjectNo.:2601P38117E-RF Tester:Cheeb Huang
Date: 13.FEB.2026 14:17:58

802.11n40_2437MHz_Chain 1



ProjectNo.:2601P38117E-RF Tester:Cheeb Huang
Date: 13.FEB.2026 14:18:26

802.11n40_2452MHz_Chain 1



ProjectNo.:2601P38117E-RF Tester:Cheeb Huang
Date: 13.FEB.2026 14:18:53

RF EXPOSURE EVALUATION

MPE-Based Exemption

Applicable Standard

According to subpart 2.1091 systems operating under the provisions of this section shall be operated in a manner that ensures the public is not exposed to RF energy level in excess of the communication guidelines.

According to KDB 447498 D04 v01 Interim General RF Exposure Guidance

MPE-Based Exemption:

General frequency and separation-distance dependent MPE-based effective radiated power(ERP) thresholds are in Table B.1 [Table 1 of § 1.1307(b)(3)(i)(C)] to support an exemption from further evaluation from 300 kHz through 100 GHz.

Table 1 to § 1.1307(b)(3)(i)(C) - Single RF Sources Subject to Routine Environmental Evaluation

RF Source frequency (MHz)	Threshold ERP (watts)
0.3-1.34	$1,920 R^2$.
1.34-30	$3,450 R^2/f^2$.
30-300	$3.83 R^2$.
300-1,500	$0.0128 R^2 f$.
1,500-100,000	$19.2 R^2$.

R is the minimum separation distance in meters

f = frequency in MHz

For multiple RF sources: Multiple RF sources are exempt if:

in the case of fixed RF sources operating in the same time-averaging period, or of multiple mobile or portable RF sources within a device operating in the same time averaging period, if the sum of the fractional contributions to the applicable thresholds is less than or equal to 1 as indicated in the following equation:

$$\sum_{i=1}^a \frac{P_i}{P_{th,i}} + \sum_{j=1}^b \frac{ERP_j}{ERP_{th,j}} + \sum_{k=1}^c \frac{Evaluated_k}{Exposure Limit_k} \leq 1$$

Result

Mode	Frequency (MHz)	Tune up conducted power [#] (dBm)	Antenna Gain [#]		ERP		Evaluation Distance (m)	ERP Limit (mW)
			(dBi)	(dBd)	(dBm)	(mW)		
BLE	2402-2480	-5.0	1.80	-0.35	-5.35	0.29	0.2	768
2.4G Wi-Fi	2412-2462	23.0	3.73	1.58	24.58	287.08	0.2	768
5.2G Wi-Fi	5180-5240	16.5	4.06	1.91	18.41	69.34	0.2	768
5.8G Wi-Fi	5745-5825	21.0	4.86	2.71	23.71	234.96	0.2	768

Note: 1. The tune up conducted power and antenna gain was declared by the applicant.
 2. 0dBd=2.15dBi
 3. The BLE and Wi-Fi can transmit at same time, the 2.4G and 5G Wi-Fi cannot transmit at same time.

Simultaneous transmitting consideration (worst case):

The ratio= $ERP_{BLE} / \text{limit} + ERP_{2.4G \text{ Wi-Fi}} / \text{limit} = 0.29/768 + 287.08/768 = 0.37 < 1.0$

So simultaneous exposure is compliant.

To maintain compliance with the FCC's RF exposure guidelines, place the equipment at least 20cm from nearby persons.

Result: Compliant

Field reference level exposure exemption limits

Applicable Standard

According to RSS-102 Issue 6§6.6:

Field reference level (FRL) exposure evaluation is required if the separation distance between the user and/or bystander and the device's radiating element is greater than 20 cm (i.e. mobile devices), except when the device operates as follows:

- below 20 MHz and the source-based, time-averaged maximum EIRP of the device is equal to or less than 1 W (adjusted for tune-up tolerance)
- at or above 20 MHz and below 48 MHz and the source-based, time-averaged maximum EIRP of the device is equal to or less than $4.49/f^{0.5}$ W (adjusted for tune-up tolerance), where f is in MHz
- at or above 48 MHz and below 300 MHz and the source-based, time-averaged maximum EIRP of the device is equal to or less than 0.6 W (adjusted for tune-up tolerance)
- at or above 300 MHz and below 6 GHz and the source-based, time-averaged maximum EIRP of the device is equal to or less than $1.31 \times 10^{-2} f^{0.6834}$ W (adjusted for tune-up tolerance), where f is in MHz
- at or above 6 GHz and the source-based, time-averaged maximum EIRP of the device is equal to or less than 5 W (adjusted for tune-up tolerance) In these cases, the information contained in the RF exposure technical brief may be limited to information that demonstrates how the EIRP was derived.

Calculated Data:

Mode	Frequency (MHz)	Maximum tune-up conducted power [#] (dBm)	Antenna Gain [#]	Maximum tune-up EIRP		Evaluation Distance (m)	Limit (mW)
			(dBi)	(dBm)	(mW)		
BLE	2402-2480	-5.0	1.80	-3.20	0.48	0.2	2676
2.4G Wi-Fi	2412-2462	23.0	3.73	26.73	470.98	0.2	2684
5.2G Wi-Fi	5180-5240	16.5	4.06	20.56	113.76	0.2	4525
5.8G Wi-Fi	5745-5825	21.0	4.86	25.86	385.48	0.2	4857

Note: 1. The tune up conducted power[#] and antenna gain[#] was declared by the applicant.

2. The BLE and Wi-Fi can transmit at same time, the 2.4G and 5G Wi-Fi cannot transmit at same time.

Simultaneous transmitting consideration (worst case):

The ratio= $EIRP_{BLE}/limit + EIRP_{2.4G\ Wi-Fi}/limit = 0.48/2676 + 470.98/2684 = 0.176 < 1.0$

So simultaneous exposure is compliant.

Result: Compliant

Note: To maintain compliance with the RF exposure guidelines, place the equipment at least 20cm from nearby persons.

EUT PHOTOGRAPHS

Please refer to the attachment 2601P38117E-RF-EXP External photo and 2601P38117E-RF-INP Internal photo.

TEST SETUP PHOTOGRAPHS

Please refer to the attachment 2601P38117E-RF-TSPA Test Setup photo.

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