

Test Data:

Mode	Antenna	Test Frequency (MHz)	Result (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
802.11b	Chain 0	2412	-8.65	8	Pass
		2437	-8.17	8	Pass
		2462	-8.77	8	Pass
	Chain 1	2412	-12.66	8	Pass
		2437	-10.75	8	Pass
		2462	-11.71	8	Pass
802.11g	Chain 0	2412	-10.57	8	Pass
		2437	-9.93	8	Pass
		2462	-10.51	8	Pass
	Chain 1	2412	-14.21	8	Pass
		2437	-12.64	8	Pass
		2462	-13.79	8	Pass
802.11n20	Chain 0	2412	-10.48	8	Pass
		2437	-9.97	8	Pass
		2462	-10.47	8	Pass
	Chain 1	2412	-13.80	8	Pass
		2437	-11.88	8	Pass
		2462	-13.86	8	Pass
	Total	2412	-8.82	8	Pass
		2437	-7.81	8	Pass
		2462	-8.83	8	Pass
802.11n40	Chain 0	2422	-12.61	8	Pass
		2437	-11.45	8	Pass
		2452	-13.06	8	Pass
	Chain 1	2422	-15.95	8	Pass
		2437	-14.67	8	Pass
		2452	-15.79	8	Pass
	Total	2422	-10.96	8	Pass
		2437	-9.76	8	Pass
		2452	-11.20	8	Pass

Mode	Antenna	Test Frequency (MHz)	Result (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
802.11ax20_RU_FULL	Chain 0	2412	-11.32	8	Pass
		2437	-9.57	8	Pass
		2462	-10.61	8	Pass
	Chain 1	2412	-14.18	8	Pass
		2437	-13.17	8	Pass
		2462	-14.42	8	Pass
	Total	2412	-9.51	8	Pass
		2437	-8	8	Pass
		2462	-9.10	8	Pass
802.11ax40_RU_FULL	Chain 0	2422	-13.14	8	Pass
		2437	-13.15	8	Pass
		2452	-13.91	8	Pass
	Chain 1	2422	-16.87	8	Pass
		2437	-15.05	8	Pass
		2452	-16.09	8	Pass
	Total	2422	-11.61	8	Pass
		2437	-10.99	8	Pass
		2452	-11.85	8	Pass

Note: For 802.11n/ax modes, the device employed Cyclic Delay Diversity (CDD) for 802.11 MIMO transmitting, per KDB 662911 D01 Multiple Transmitter Output v02r01:

$$DirectionalGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right]$$

where

Each antenna is driven by no more than one spatial stream;

N_{SS} = the number of independent spatial streams of data;

N_{ANT} = the total number of antennas

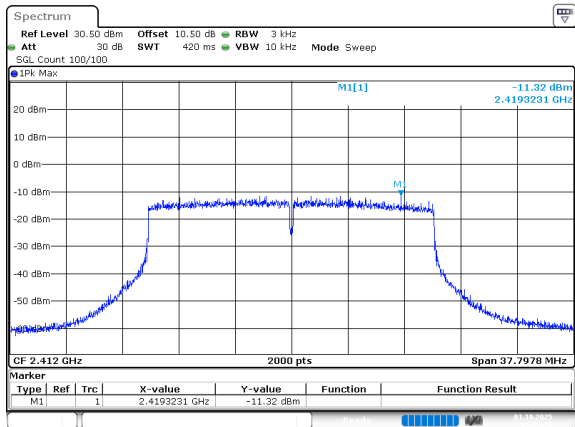
$g_{j,k} = 10^{G_k/20}$ if the k_{th} antenna is being fed by spatial stream j , or zero if it is not;

G_k is the gain in dBi of the k_{th} antenna.

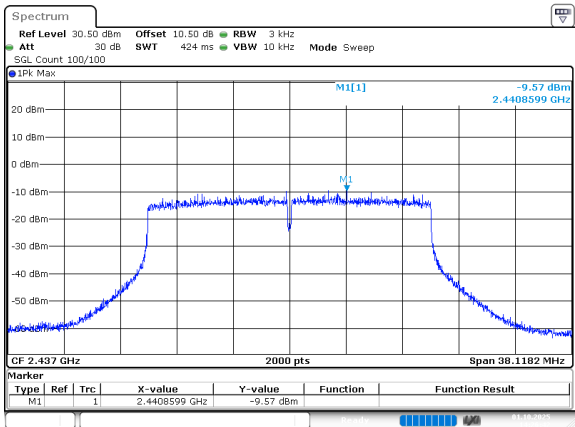
Chain 0 Gain:	0.85	dBi	Directional gain:	3.89	dBi
Chain 1 Gain:	0.90	dBi			

Chain 0

802.11ax20_2412MHz_RU_FULL_Chain 0

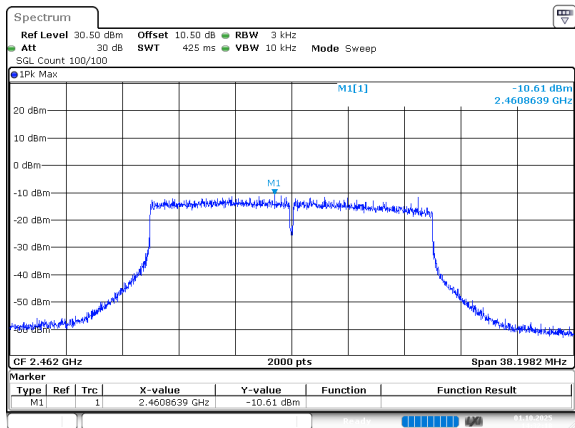


802.11ax20_2437MHz_RU_FULL_Chain 0

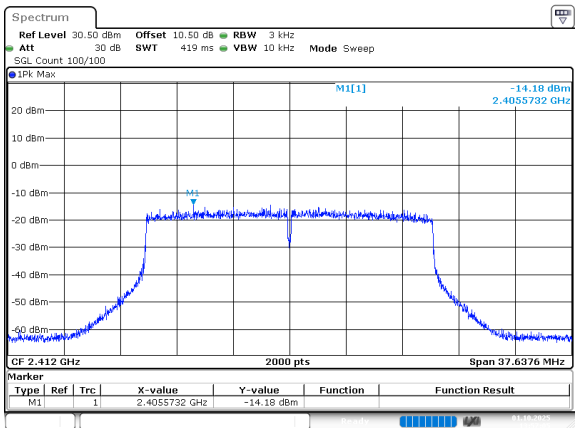


Chain 1

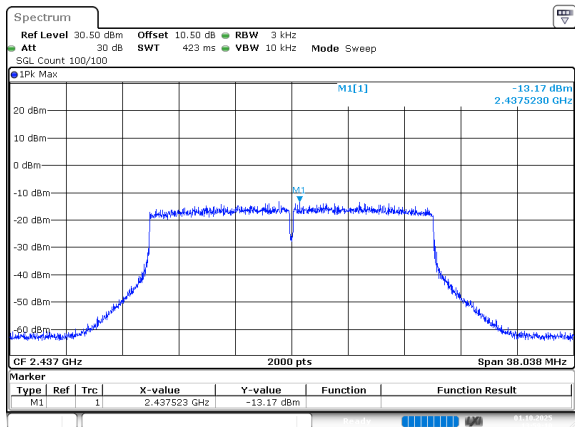
802.11ax20_2462MHz_RU_FULL_Chain 0



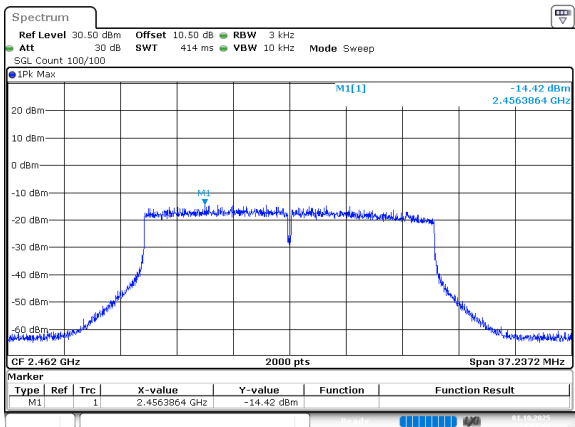
802.11ax20_2412MHz_RU_FULL_Chain 1



802.11ax20_2437MHz_RU_FULL_Chain 1

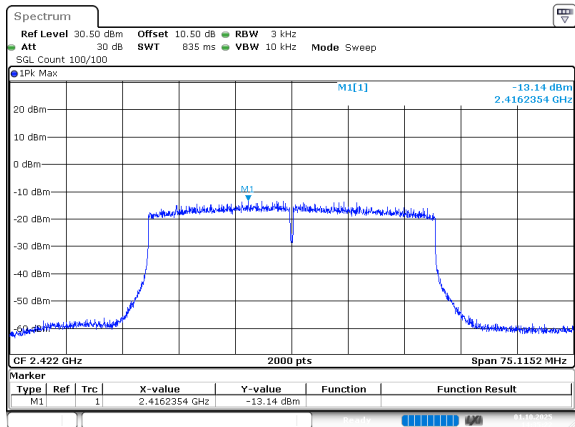


802.11ax20_2462MHz_RU_FULL_Chain 1



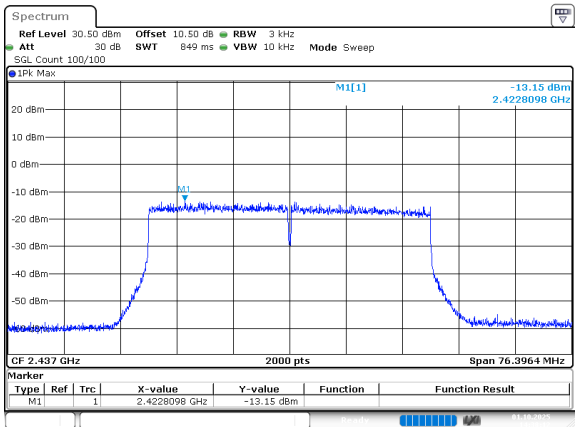
Chain 0

802.11ax40_2422MHz_RU_FULL_Chain 0



ProjectNo.:2501X77241E-RF Tester:Rainbow Zhu
Date: 1.OCT.2025 14:55:22

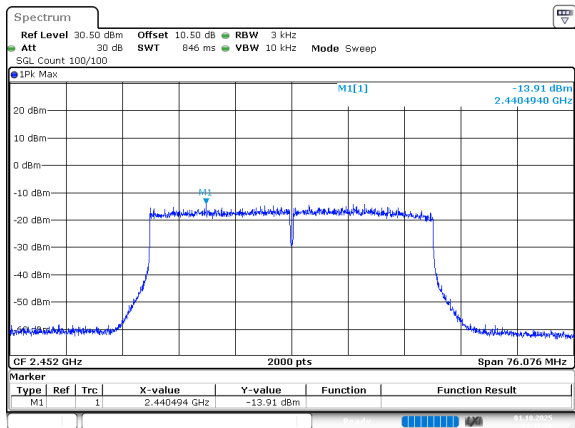
802.11ax40_2437MHz_RU_FULL_Chain 0



ProjectNo.:2501X77241E-RF Tester:Rainbow Zhu
Date: 1.OCT.2025 14:58:12

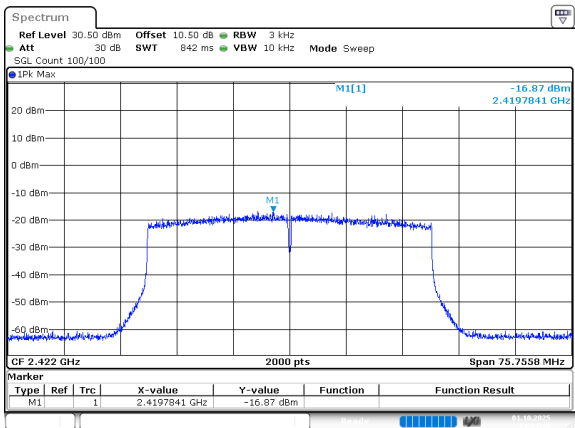
Chain 1

802.11ax40_2452MHz_RU_FULL_Chain 0



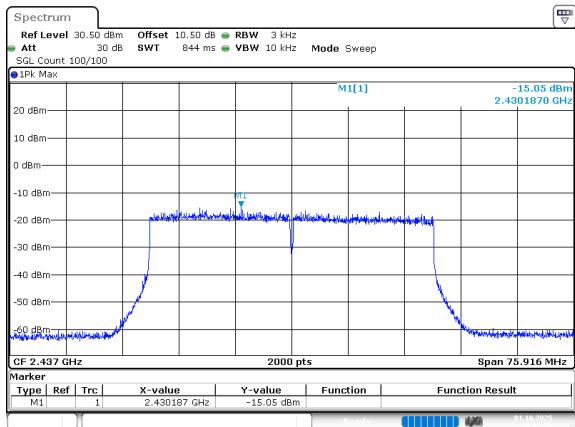
ProjectNo.:2501X77241E-RF Tester:Rainbow Zhu
Date: 1.OCT.2025 14:41:39

802.11ax40_2422MHz_RU_FULL_Chain 1



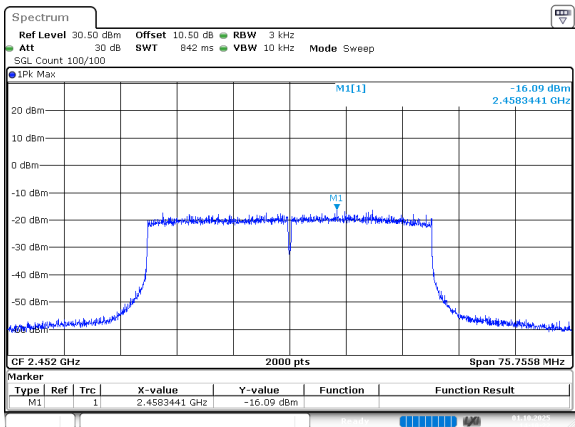
ProjectNo.:2501X77241E-RF Tester:Rainbow Zhu
Date: 1.OCT.2025 14:04:49

802.11ax40_2437MHz_RU_FULL_Chain 1



ProjectNo.:2501X77241E-RF Tester:Rainbow Zhu
Date: 1.OCT.2025 14:07:31

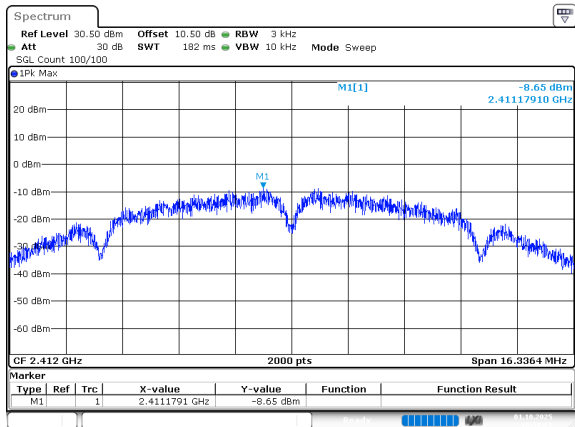
802.11ax40_2452MHz_RU_FULL_Chain 1



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Date: 1.OCT.2025 14:10:22

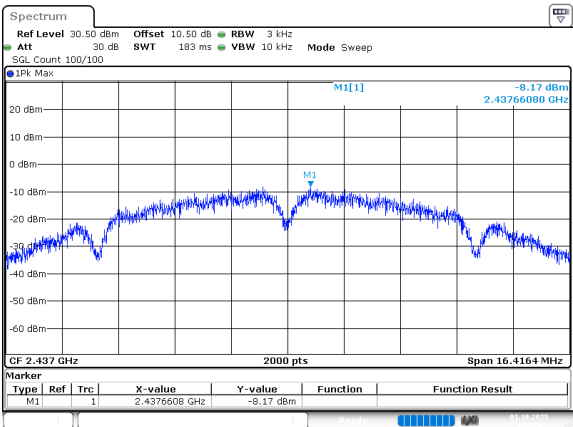
Chain 0

802.11b_2412MHz_Chain 0



ProjectNo.:2501X77241E-RF Tester:Rainbow Zhu
Date: 1.OCT.2025 10:50:22

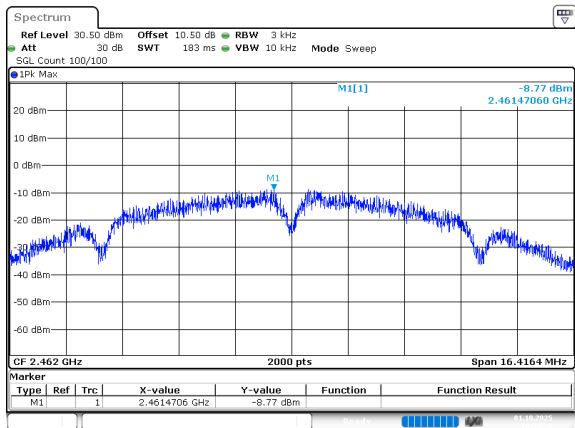
802.11b_2437MHz_Chain 0



ProjectNo.:2501X77241E-RF Tester:Rainbow Zhu
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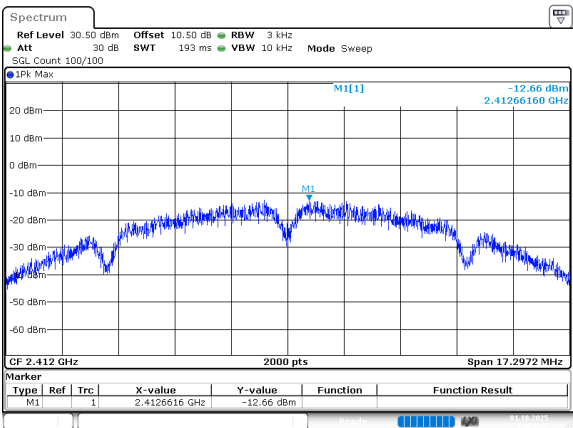
Chain 1

802.11b_2462MHz_Chain 0



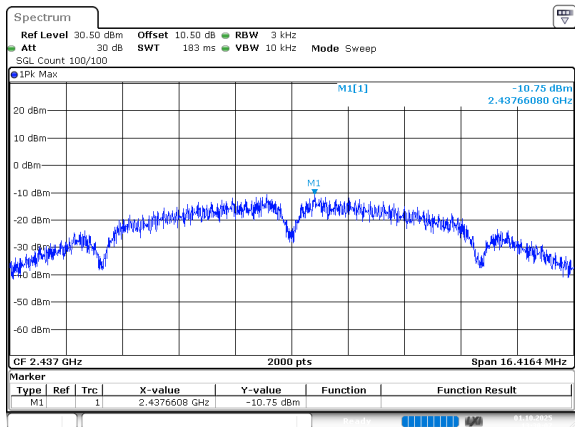
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802.11b_2412MHz_Chain 1



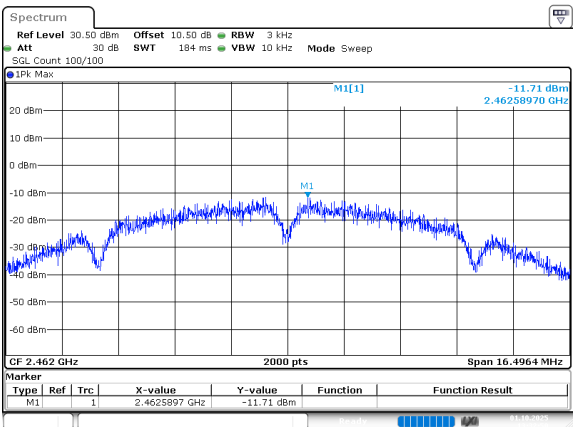
ProjectNo.:2501X77241E-RF Tester:Rainbow Zhu
Date: 1.OCT.2025 13:26:47

802.11b_2437MHz_Chain 1



ProjectNo.:2501X77241E-RF Tester:Rainbow Zhu
Date: 1.OCT.2025 13:30:08

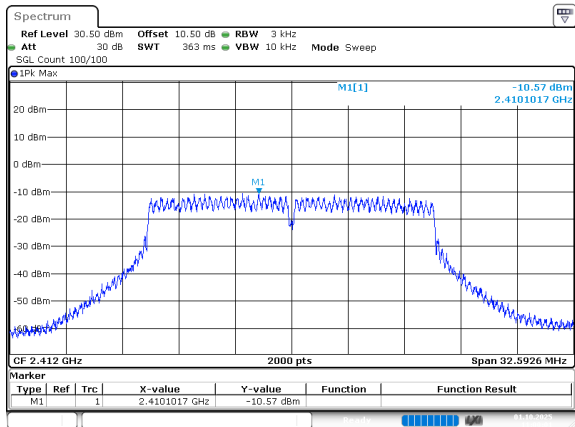
802.11b_2462MHz_Chain 1



ProjectNo.:2501X77241E-RF Tester:Rainbow Zhu
Date: 1.OCT.2025 13:32:51

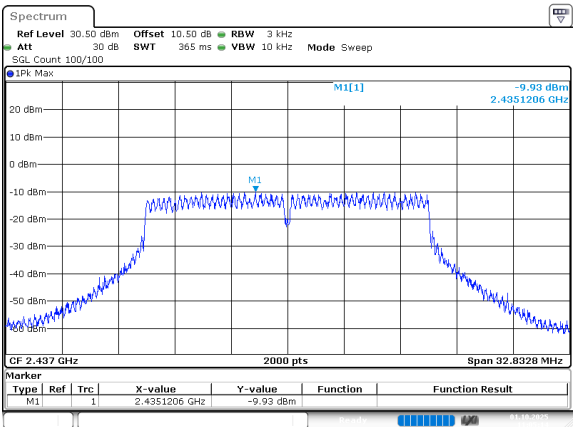
Chain 0

802.11g_2412MHz_Chain 0



ProjectNo.:2501X77241E-RF Tester:Rainbow Zhu
Date: 1.OCT.2025 11:00:02

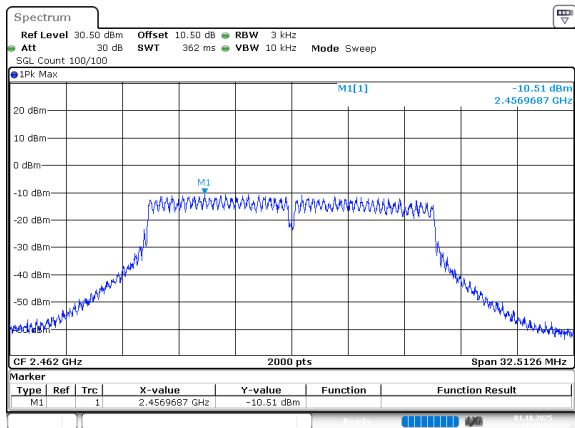
802.11g_2437MHz_Chain 0



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Date: 1.OCT.2025 11:05:14

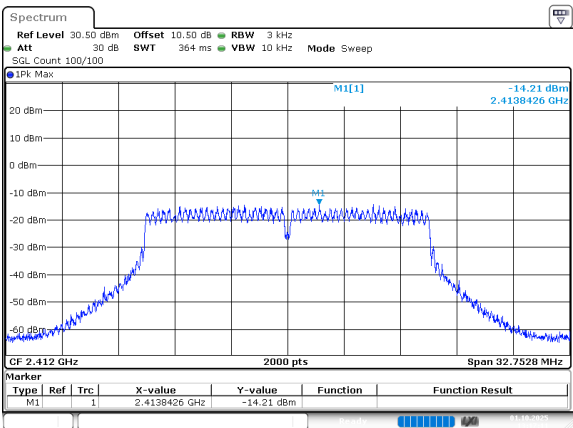
Chain 1

802.11g_2462MHz_Chain 0



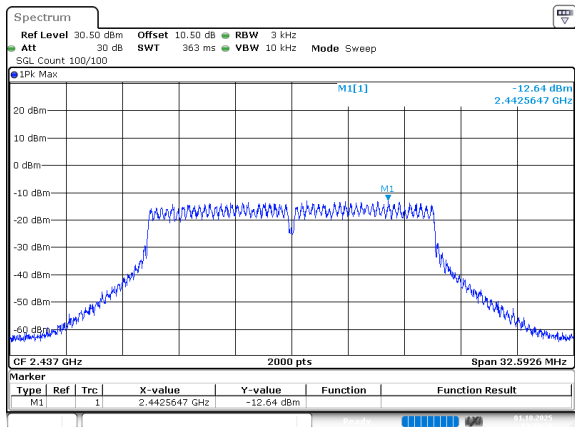
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802.11g_2412MHz_Chain 1



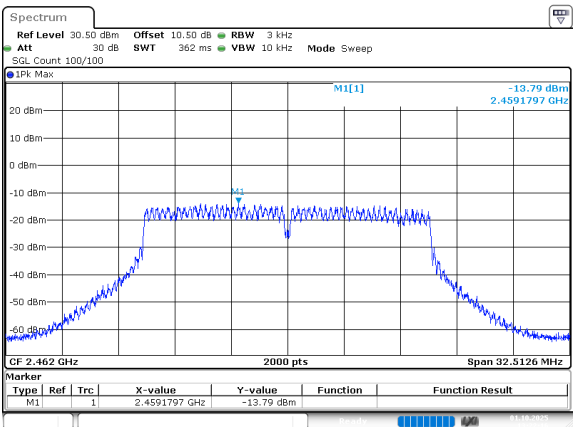
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802.11g_2437MHz_Chain 1



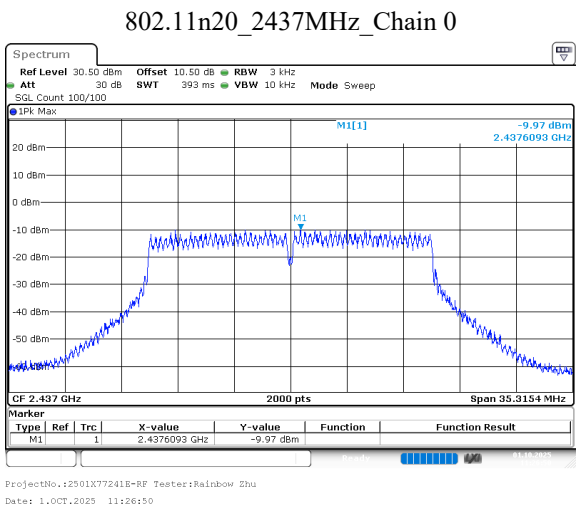
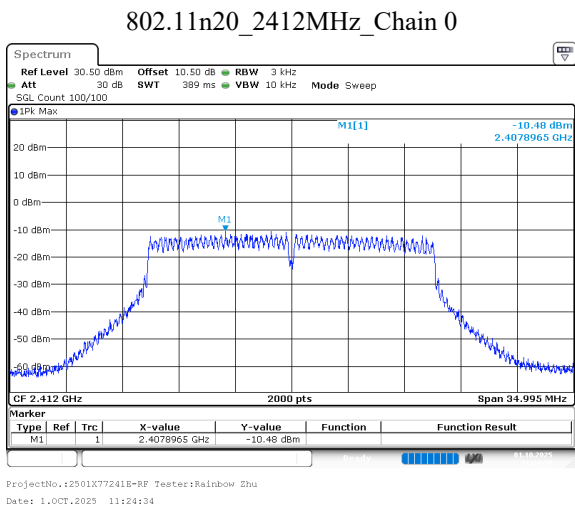
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Date: 1.OCT.2025 13:19:38

802.11g_2462MHz_Chain 1

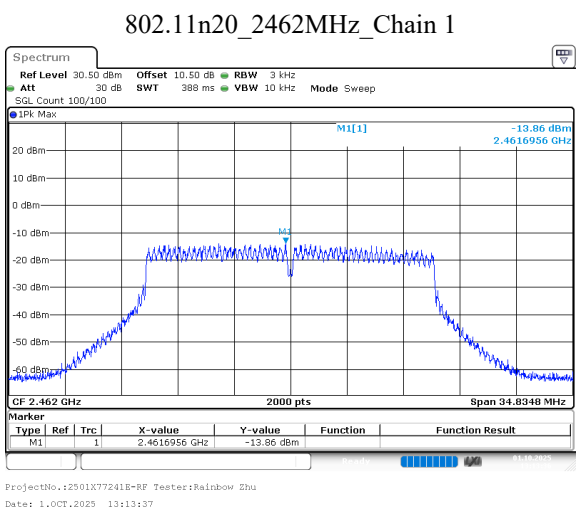
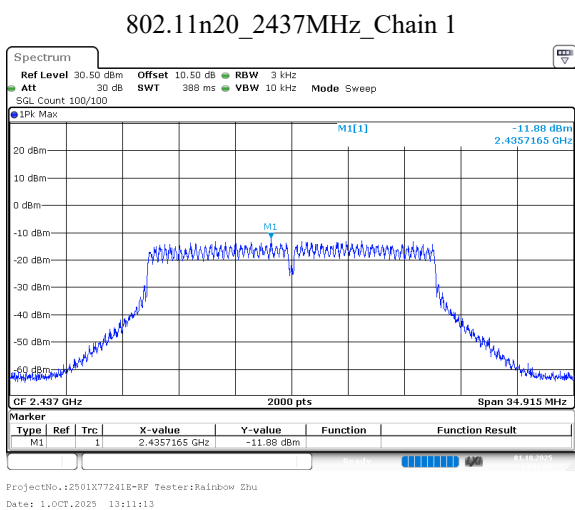
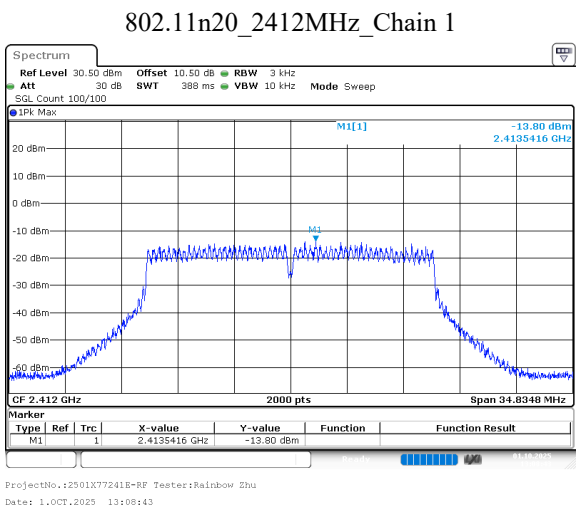
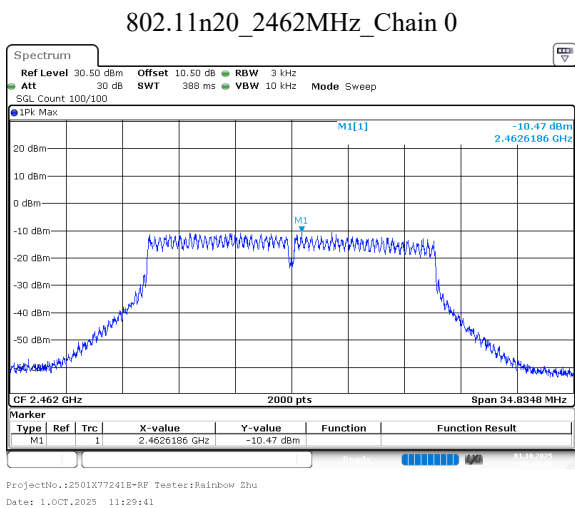


ProjectNo.:2501X77241E-RF Tester:Rainbow Zhu
Date: 1.OCT.2025 13:22:17

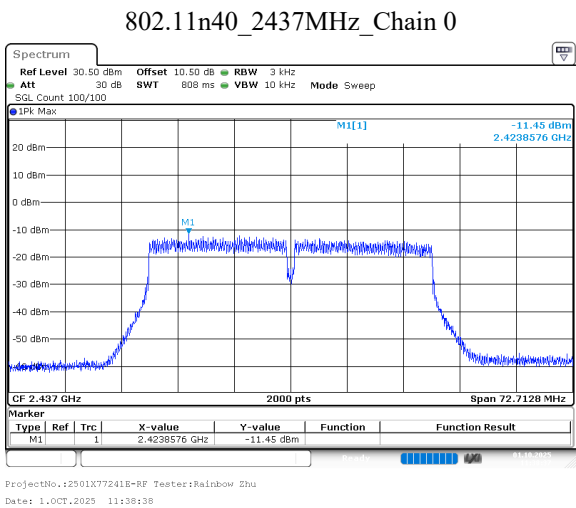
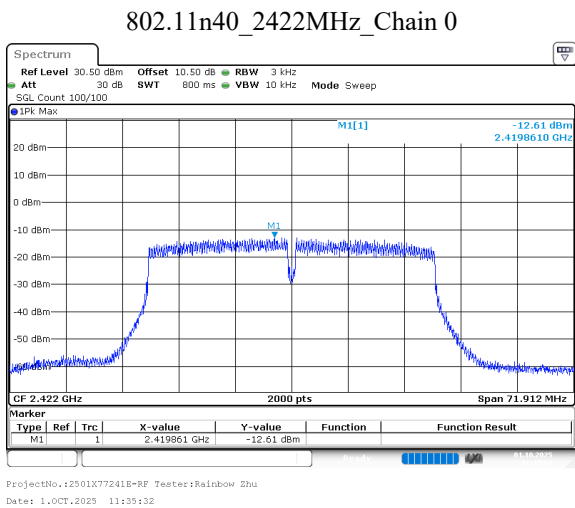
Chain 0



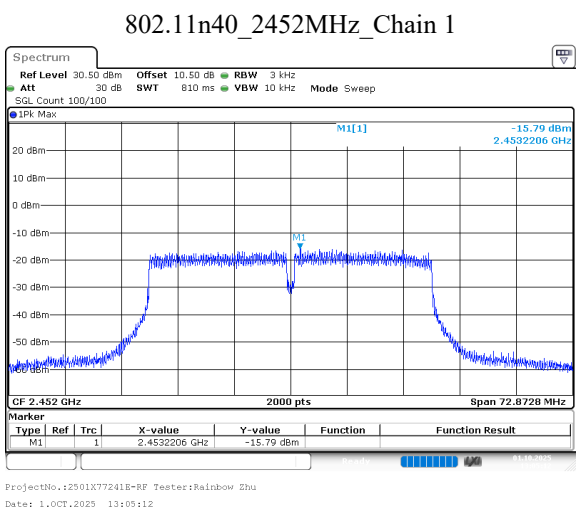
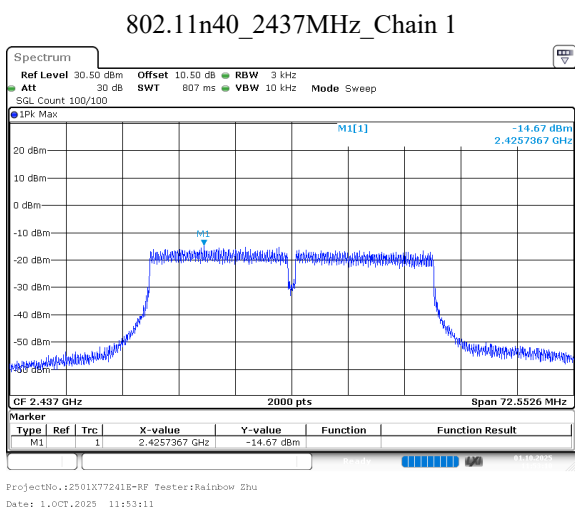
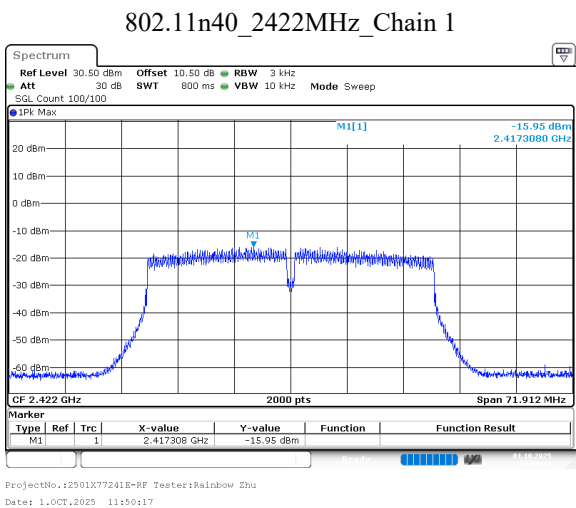
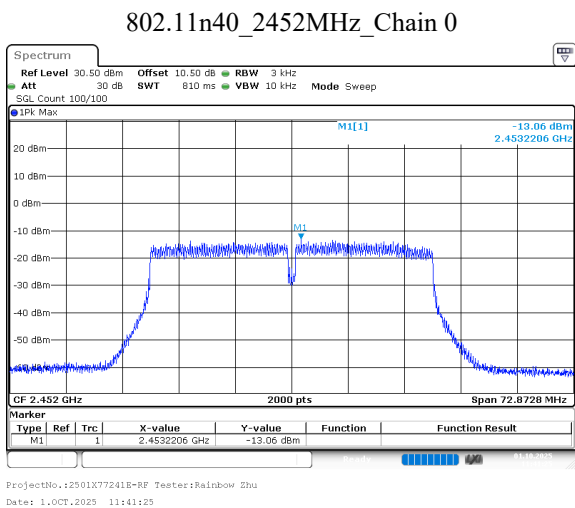
Chain 1



Chain 0



Chain 1



100 kHz Bandwidth of Frequency Band Edge

Test Information:

Sample No.:	39RQ-1	Test Date:	2025/10/01
Test Site:	RF	Test Mode:	Transmitting
Tester:	Rainbow Zhu	Test Result:	Pass

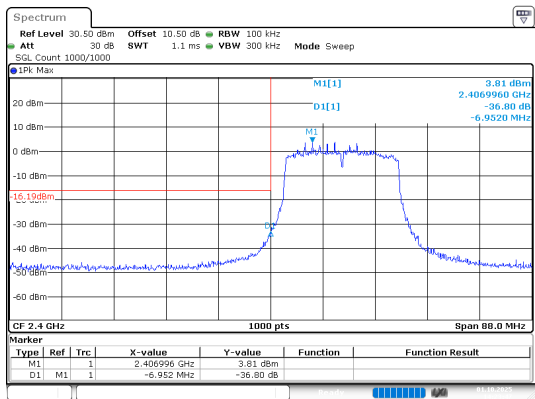
Environmental Conditions:

Temperature: (°C)	27.1	Relative Humidity: (%)	49	ATM Pressure: (kPa)	100.9
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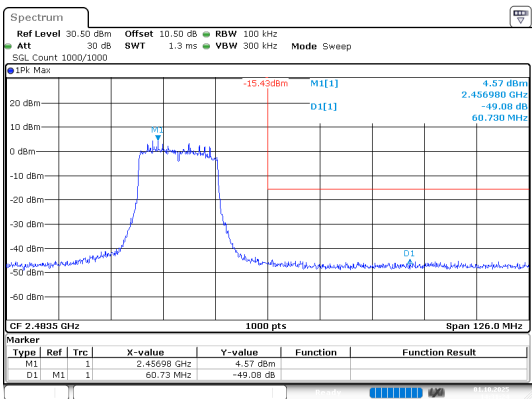
Test Data:

Chain 0

802.11ax20_2412MHz_RU_FULL_Chain 0

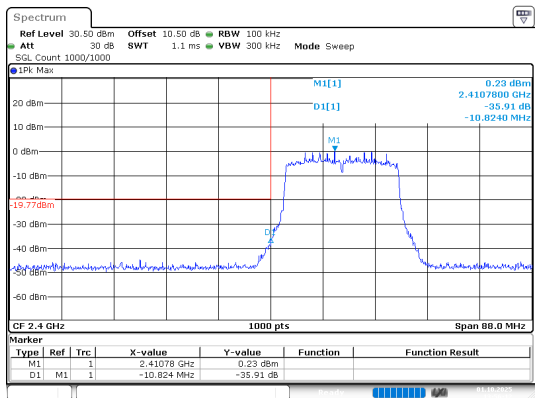


802.11ax20_2462MHz_RU_FULL_Chain 0

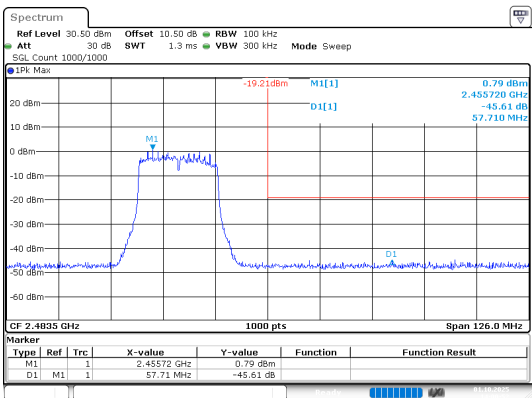


Chain 1

802.11ax20_2412MHz_RU_FULL_Chain 1

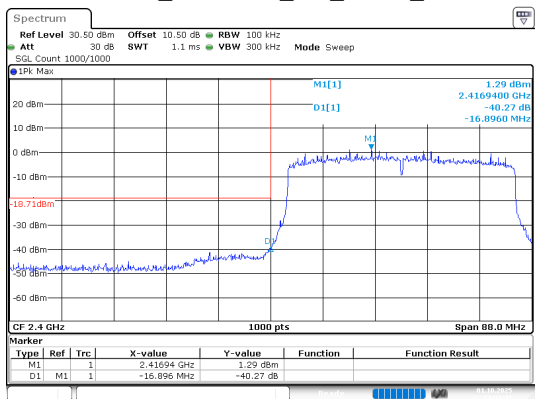


802.11ax20_2462MHz_RU_FULL_Chain 1

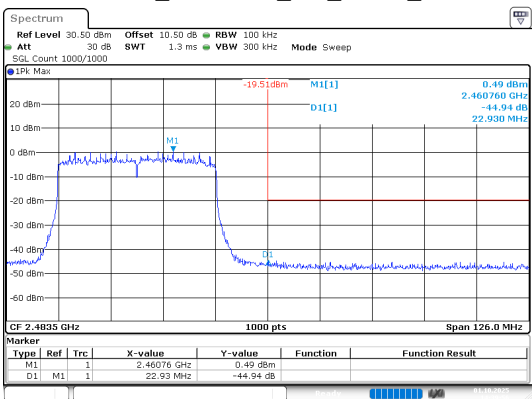


Chain 0

802.11ax40_2422MHz_RU_FULL_Chain 0

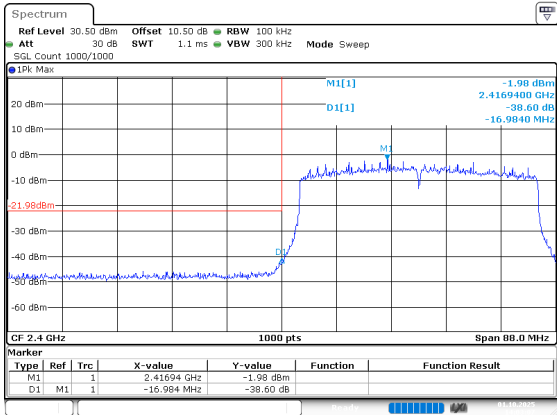


802.11ax40_2452MHz_RU_FULL_Chain 0

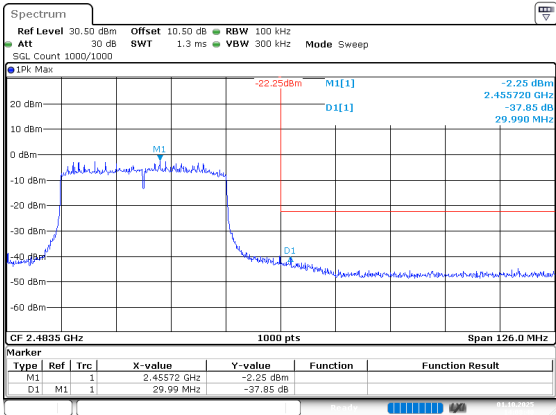


Chain 1

802.11ax40_2422MHz_RU_FULL_Chain 1

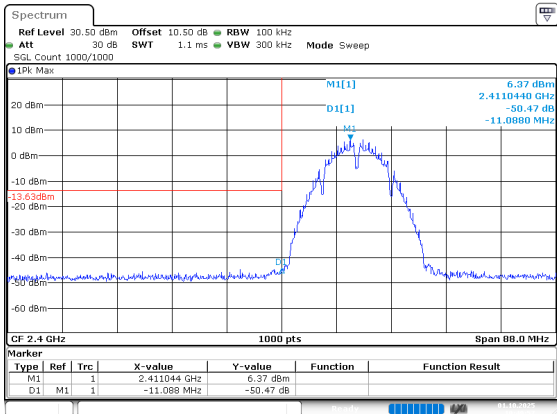


802.11ax40_2452MHz_RU_FULL_Chain 1

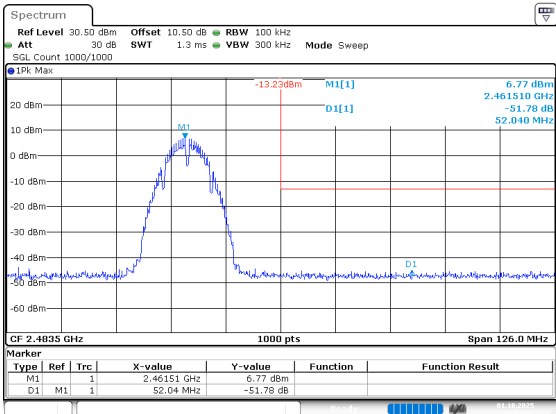


Chain 0

802.11b_2412MHz_Chain 0

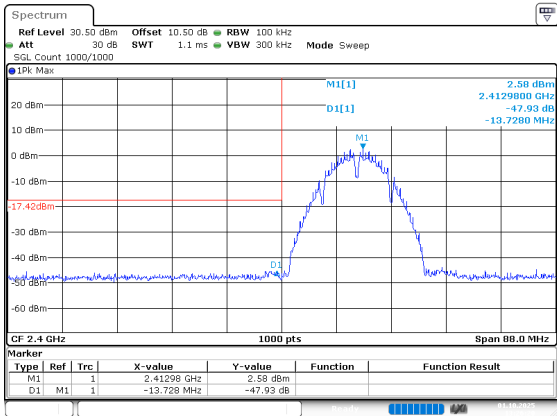


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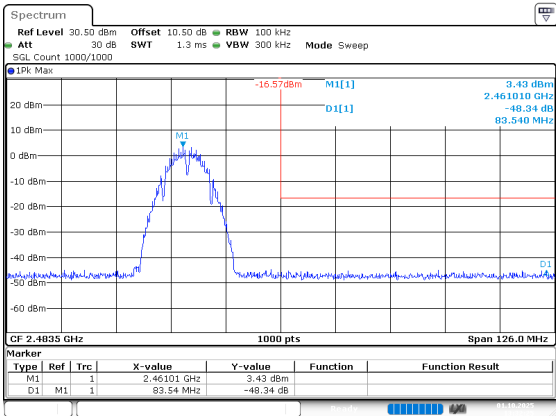


Chain 1

802.11b_2412MHz_Chain 1

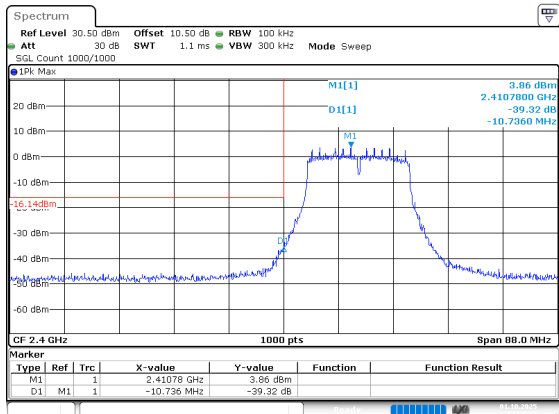


802.11b_2462MHz_Chain 1

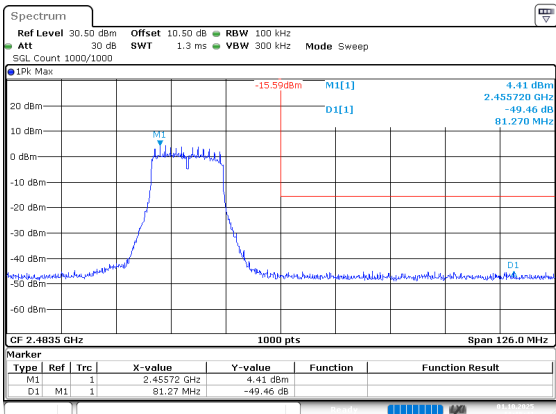


Chain 0

802.11g_2412MHz_Chain 0

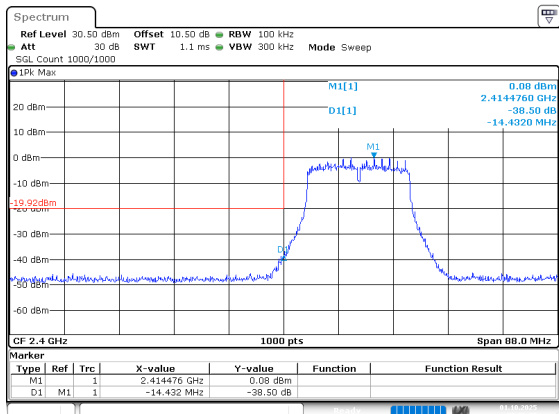


802.11g_2462MHz_Chain 0

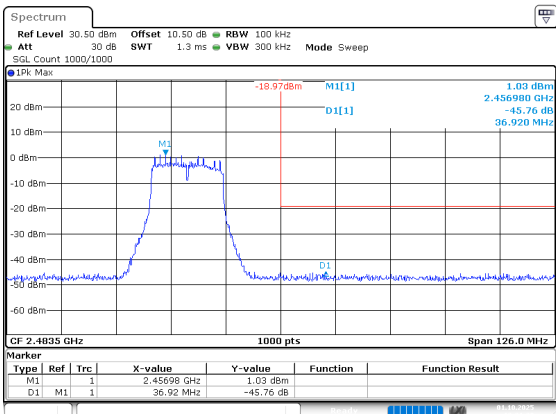


Chain 1

802.11g_2412MHz_Chain 1

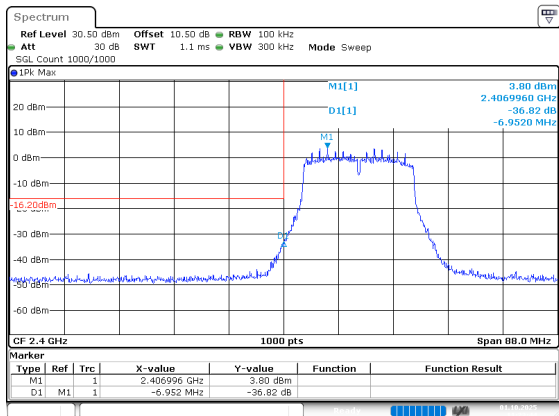


802.11g_2462MHz_Chain 1

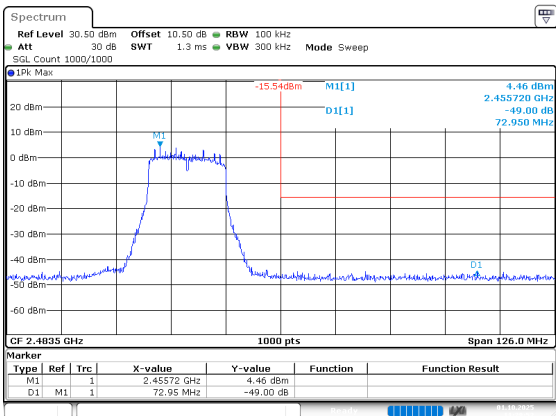


Chain 0

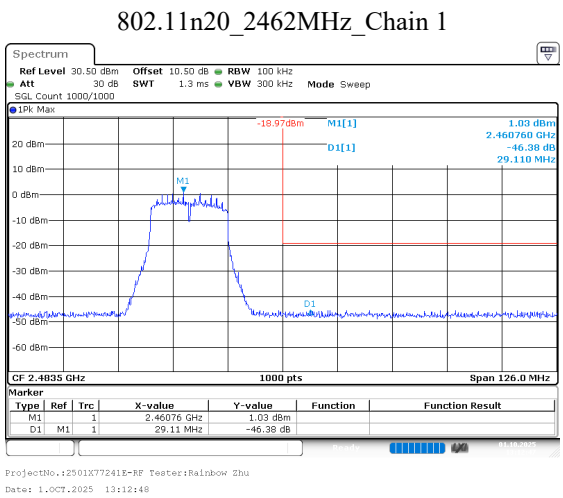
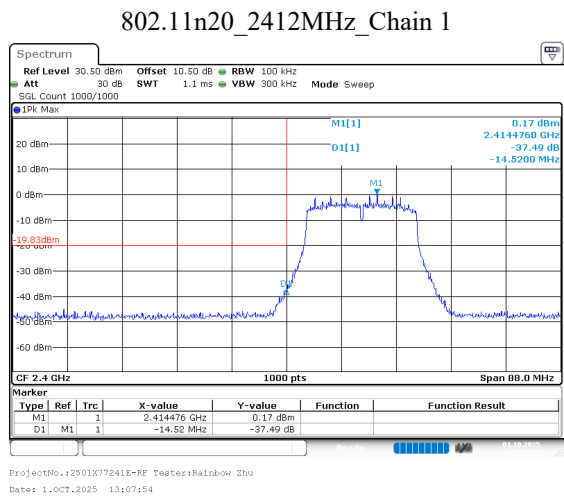
802.11n20_2412MHz_Chain 0



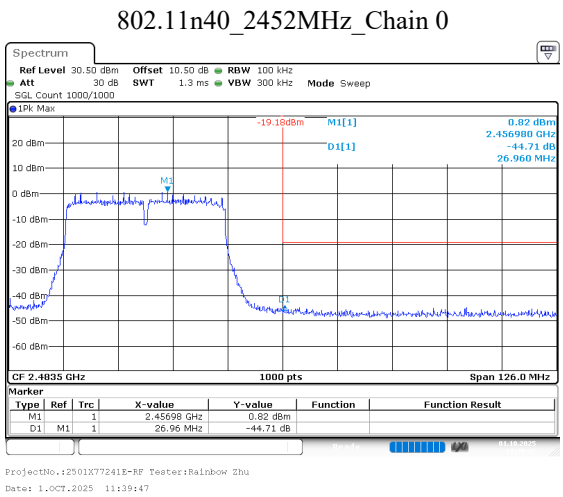
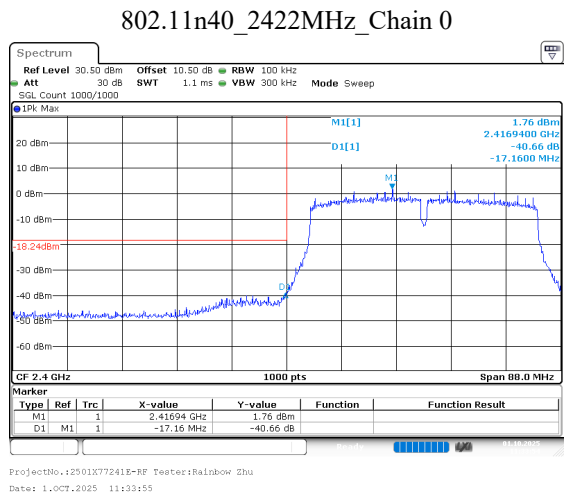
802.11n20_2462MHz_Chain 0



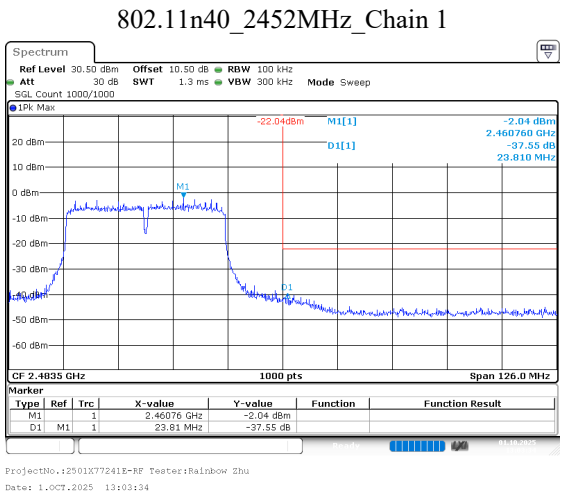
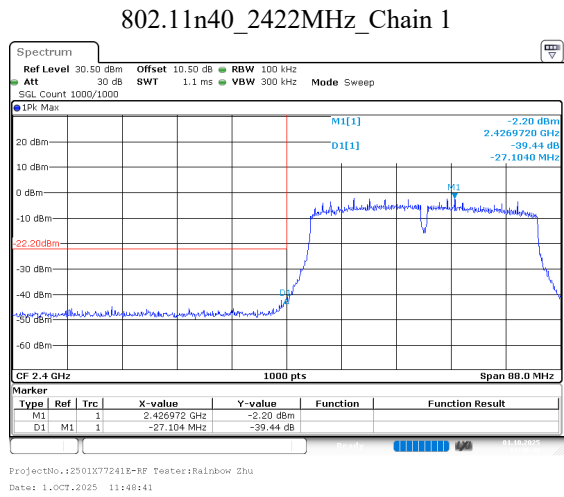
Chain 1



Chain 0



Chain 1



Duty Cycle**Test Information:**

Sample No.:	39RQ-1	Test Date:	2025/10/01
Test Site:	RF	Test Mode:	Transmitting
Tester:	Rainbow Zhu	Test Result:	N/A

Environmental Conditions:

Temperature: (°C)	27.1	Relative Humidity: (%)	49	ATM Pressure: (kPa)	100.9
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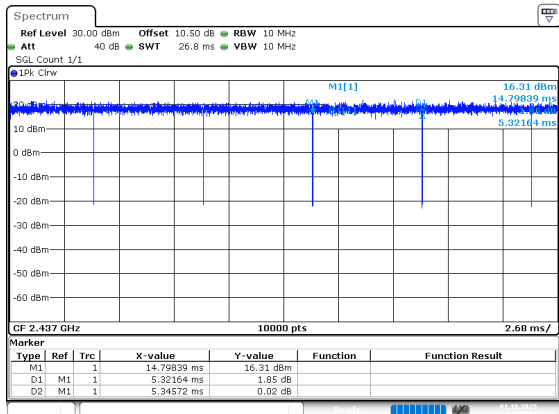
Test Data:

Mode	Antenna	Test Frequency (MHz)	Ton (ms)	Ton+Toff (ms)	Duty Cycle (%)	Duty Cycle Factor(dB)	1/Ton (Hz)	VBW Setting (kHz)
802.11b	Chain 0	2437	0.662	0.677	97.75	0.10	1511	2
	Chain 1	2437	0.662	0.677	97.75	0.10	1511	2
802.11g	Chain 0	2437	2.080	2.098	99.14	/	/	0.010
	Chain 1	2437	2.079	2.098	99.09	/	/	0.010
802.11n20	Chain 0	2437	5.322	5.344	99.60	/	/	0.010
	Chain 1	2437	5.320	5.341	99.60	/	/	0.010
802.11n40	Chain 0	2437	5.404	5.426	99.60	/	/	0.010
	Chain 1	2437	5.322	5.344	99.60	/	/	0.010
802.11ax20_RU_FULL	Chain 0	2437	5.322	5.346	99.55	/	/	0.010
	Chain 1	2437	5.324	5.346	99.60	/	/	0.010
802.11ax40_RU_FULL	Chain 0	2437	5.324	5.346	99.60	/	/	0.010
	Chain 1	2437	5.324	5.346	99.60	/	/	0.010

Duty Cycle = Ton/(Ton+Toff)*100%

Chain 0

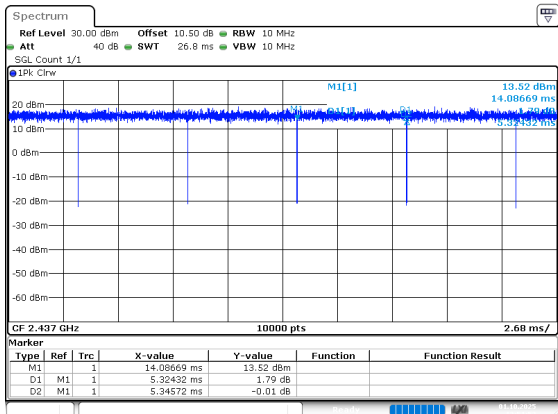
802.11ax20_2437MHz_RU_FULL_Chain 0



ProjectNo.:2501X77241E-RF Tester:Rainbow Zhu
Date: 1.OCT.2025 14:19:51

Chain 1

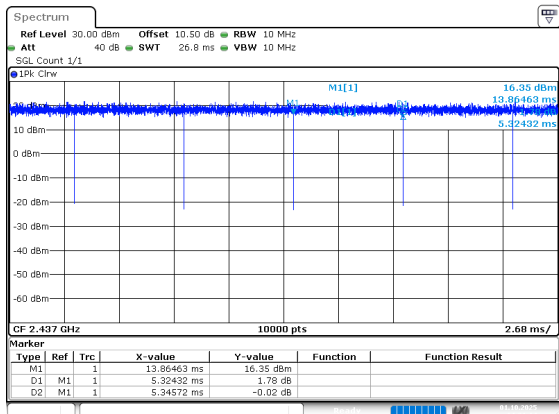
802.11ax20_2437MHz_RU_FULL_Chain 1



ProjectNo.:2501X77241E-RF Tester:Rainbow Zhu
Date: 1.OCT.2025 13:51:52

Chain 0

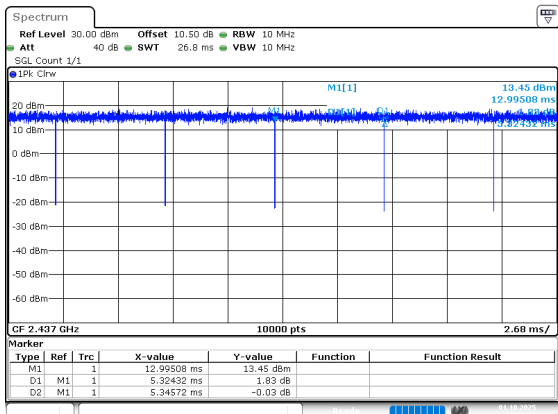
802.11ax40_2437MHz_RU_FULL_Chain 0



ProjectNo.:2501X77241E-RF Tester:Rainbow Zhu
Date: 1.OCT.2025 14:21:14

Chain 1

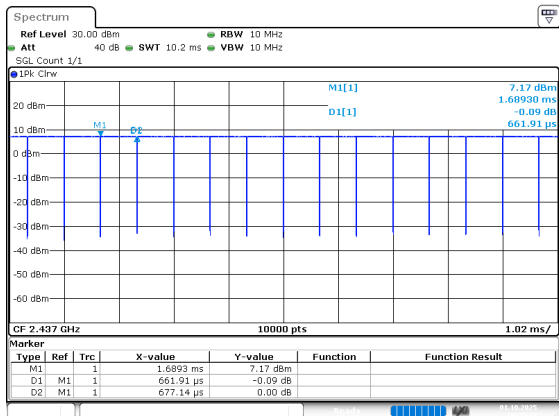
802.11ax40_2437MHz_RU_FULL_Chain 1



ProjectNo.:2501X77241E-RF Tester:Rainbow Zhu
Date: 1.OCT.2025 13:52:36

Chain 0

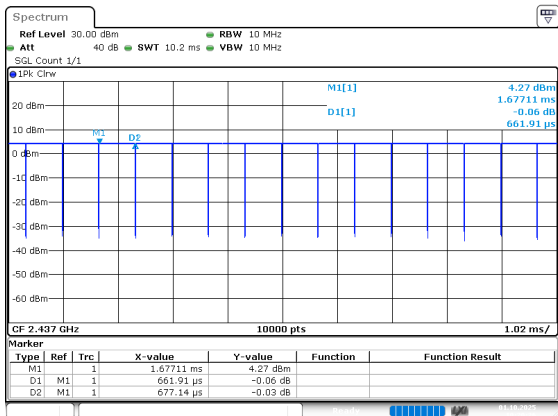
802.11b_2437MHz_Chain 0



ProjectNo.:2501X77241E-RF Tester:Rainbow Zhu
Date: 1.OCT.2025 10:26:18

Chain 1

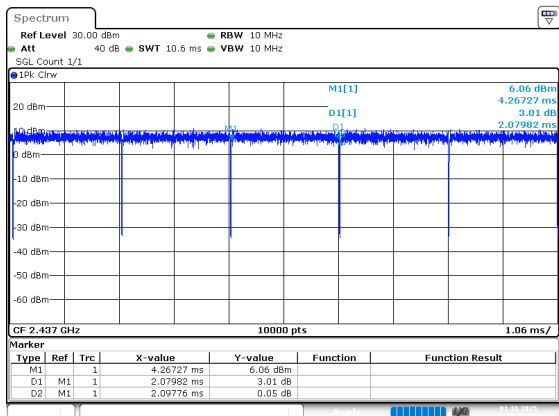
802.11b_2437MHz_Chain 1



ProjectNo.:2501X77241E-RF Tester:Rainbow Zhu
Date: 1.OCT.2025 10:20:27

Chain 0

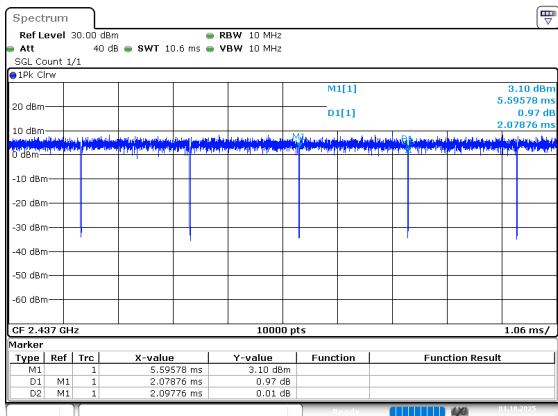
802.11g_2437MHz_Chain 0



ProjectNo.:2501X77241E-RF Tester:Rainbow Zhu
Date: 1.OCT.2025 10:26:57

Chain 1

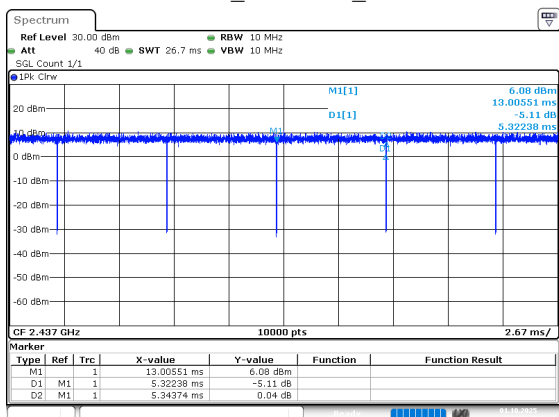
802.11g_2437MHz_Chain 1



ProjectNo.:2501X77241E-RF Tester:Rainbow Zhu
Date: 1.OCT.2025 10:22:18

Chain 0

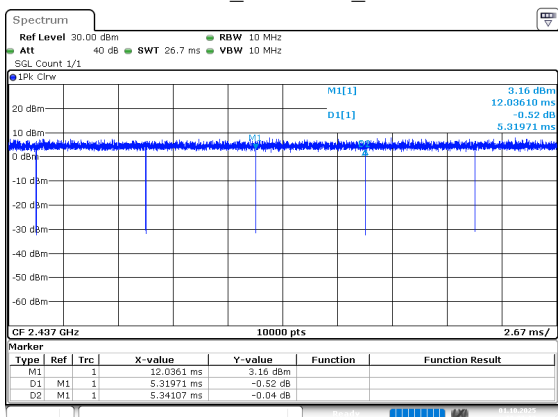
802.11n20_2437MHz_Chain 0



ProjectNo.:2501X77241E-RF Tester:Rainbow Zhu
Date: 1.OCT.2025 10:27:40

Chain 1

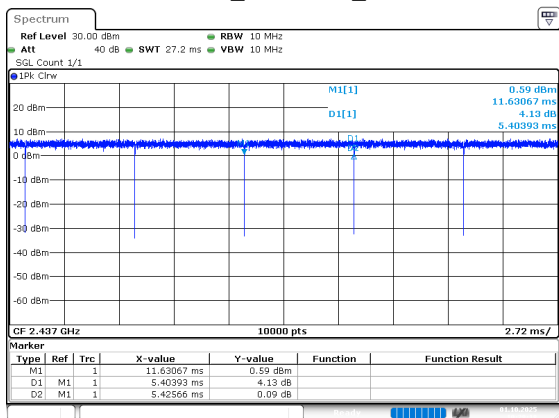
802.11n20_2437MHz_Chain 1



ProjectNo.:2501X77241E-RF Tester:Rainbow Zhu
Date: 1.OCT.2025 10:23:14

Chain 0

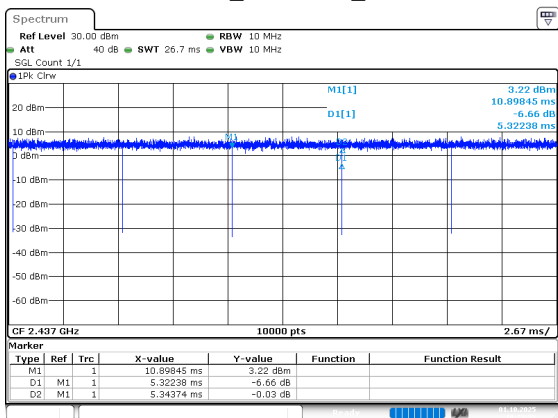
802.11n40_2437MHz_Chain 0



ProjectNo.:2501X77241E-RF Tester:Rainbow Zhu
Date: 1.OCT.2025 10:28:18

Chain 1

802.11n40_2437MHz_Chain 1



ProjectNo.:2501X77241E-RF Tester:Rainbow Zhu
Date: 1.OCT.2025 10:23:56

Conducted Spurious Emission**Test Information:**

Sample No.:	39RQ-1	Test Date:	2025/10/01
Test Site:	RF	Test Mode:	Transmitting
Tester:	Rainbow Zhu	Test Result:	Pass

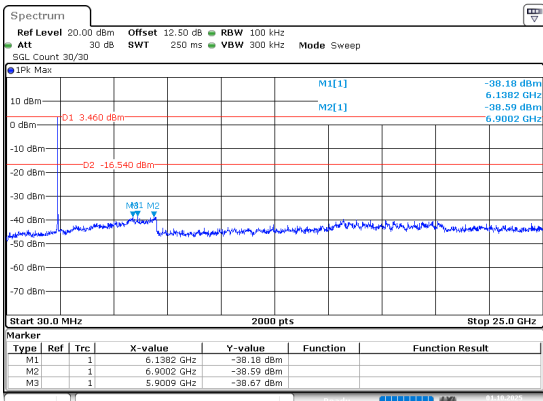
Environmental Conditions:

Temperature: (°C)	27.1	Relative Humidity: (%)	49	ATM Pressure: (kPa)	100.9
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Test Data:

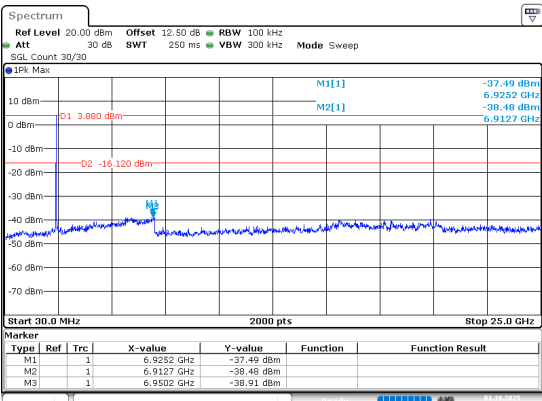
Chain 0

802.11ax20_2412MHz_RU_FULL_Chain 0



ProjectNo.:2501X77241E-RF Tester:Rainbow Zhu
Date: 1.OCT.2025 15:32:58

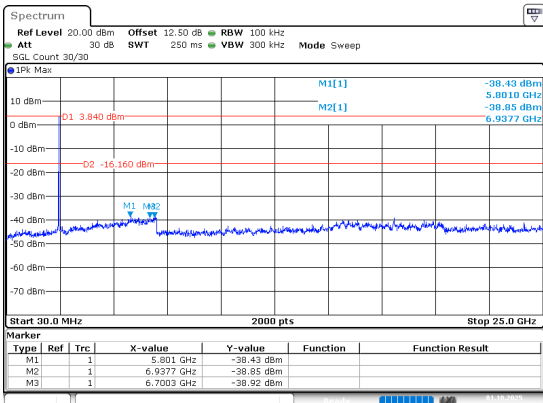
802.11ax20_2437MHz_RU_FULL_Chain 0



ProjectNo.:2501X77241E-RF Tester:Rainbow Zhu
Date: 1.OCT.2025 15:34:34

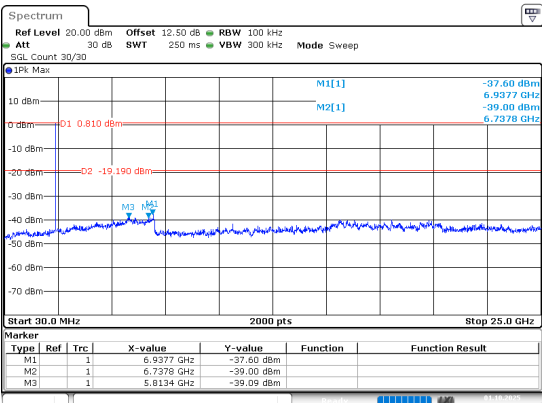
Chain 1

802.11ax20_2462MHz_RU_FULL_Chain 0



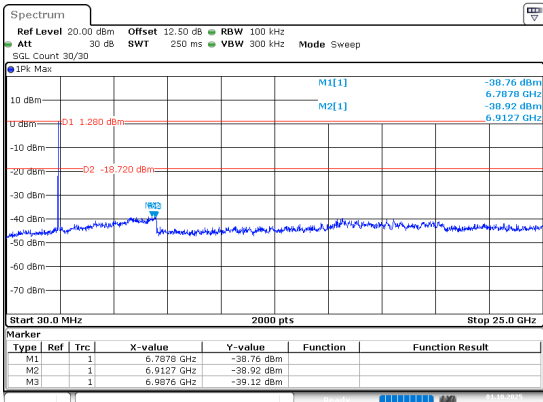
ProjectNo.:2501X77241E-RF Tester:Rainbow Zhu
Date: 1.OCT.2025 15:41:59

802.11ax20_2412MHz_RU_FULL_Chain 1



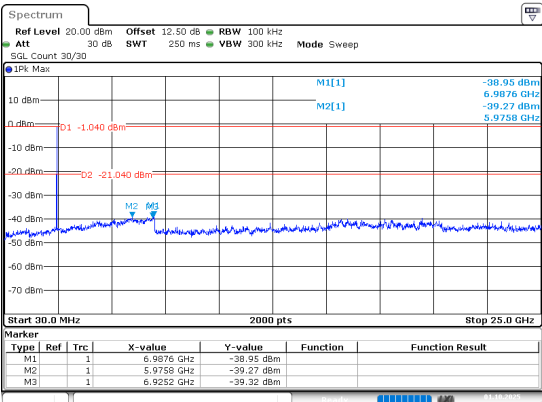
ProjectNo.:2501X77241E-RF Tester:Rainbow Zhu
Date: 1.OCT.2025 17:13:39

802.11ax20_2437MHz_RU_FULL_Chain 1



ProjectNo.:2501X77241E-RF Tester:Rainbow Zhu
Date: 1.OCT.2025 17:14:48

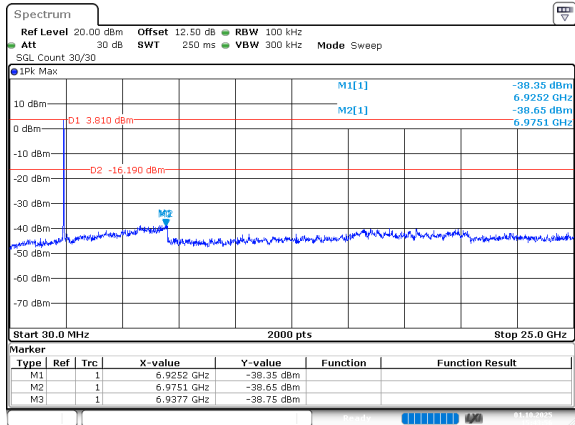
802.11ax20_2462MHz_RU_FULL_Chain 1



ProjectNo.:2501X77241E-RF Tester:Rainbow Zhu
Date: 1.OCT.2025 17:15:44

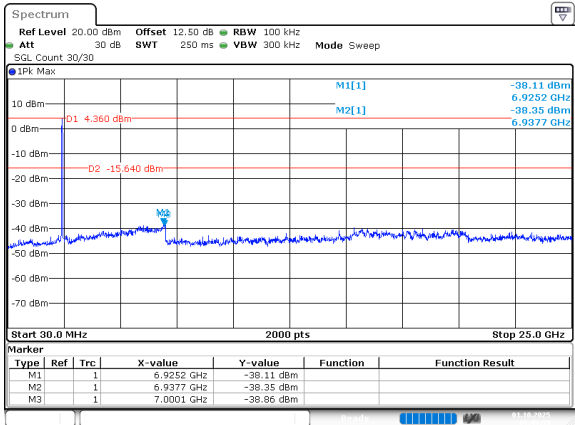
Chain 0

802.11ax40_2422MHz_RU_FULL_Chain 0



ProjectNo.:2501X77241E-RF Tester:Rainbow Zhu
Date: 1.OCT.2025 15:43:57

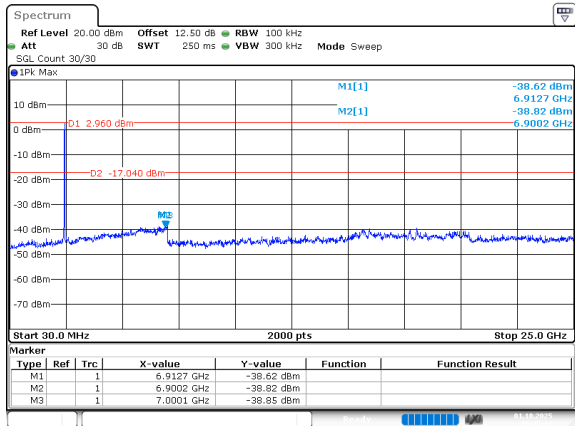
802.11ax40_2437MHz_RU_FULL_Chain 0



ProjectNo.:2501X77241E-RF Tester:Rainbow Zhu
Date: 1.OCT.2025 15:45:33

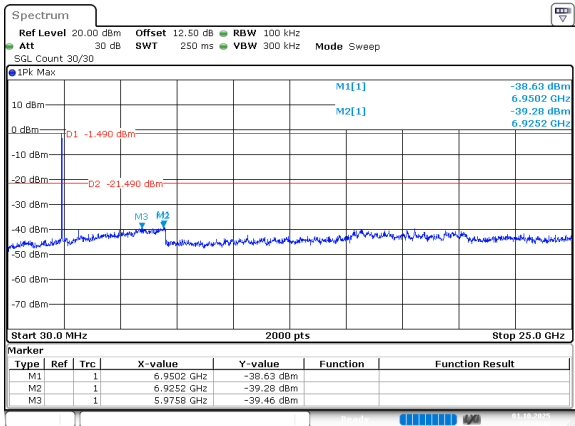
Chain 1

802.11ax40_2452MHz_RU_FULL_Chain 0



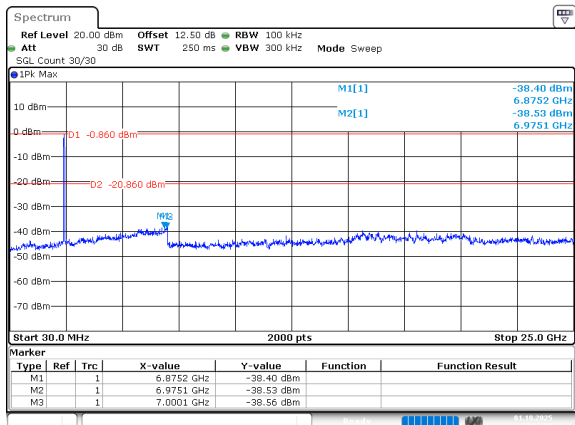
ProjectNo.:2501X77241E-RF Tester:Rainbow Zhu
Date: 1.OCT.2025 15:47:12

802.11ax40_2422MHz_RU_FULL_Chain 1



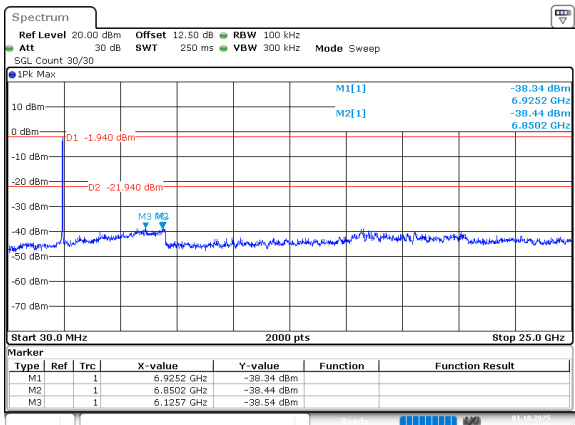
ProjectNo.:2501X77241E-RF Tester:Rainbow Zhu
Date: 1.OCT.2025 17:16:48

802.11ax40_2437MHz_RU_FULL_Chain 1



ProjectNo.:2501X77241E-RF Tester:Rainbow Zhu
Date: 1.OCT.2025 17:17:50

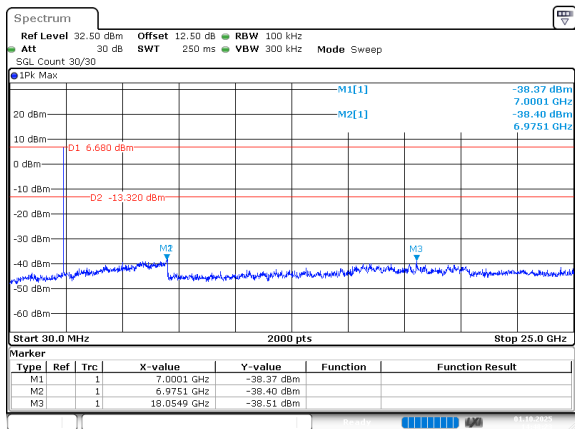
802.11ax40_2452MHz_RU_FULL_Chain 1



ProjectNo.:2501X77241E-RF Tester:Rainbow Zhu
Date: 1.OCT.2025 17:18:54

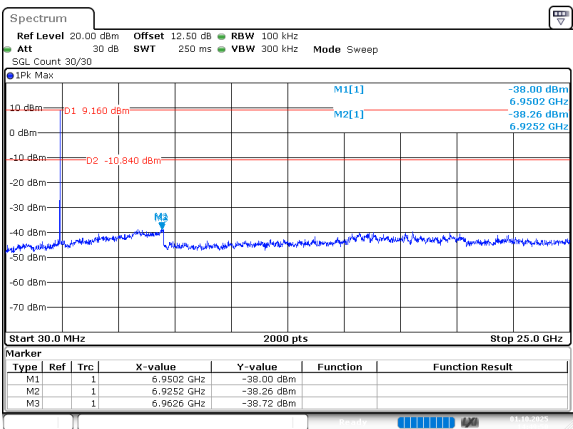
Chain 0

802.11b_2412MHz_Chain 0



ProjectNo.:2501X77241E-RF Tester:Rainbow Zhu
Date: 1.OCT.2025 14:48:24

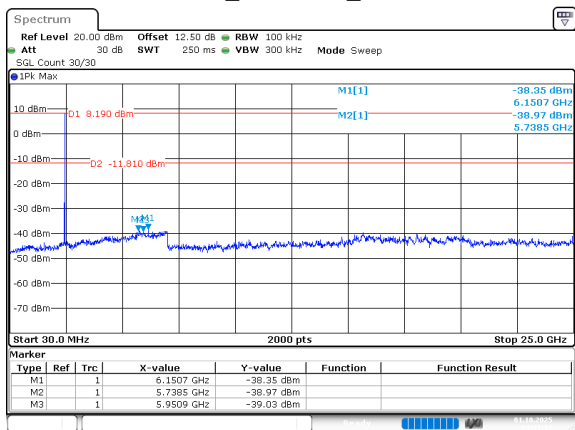
802.11b_2437MHz_Chain 0



ProjectNo.:2501X77241E-RF Tester:Rainbow Zhu
Date: 1.OCT.2025 14:49:50

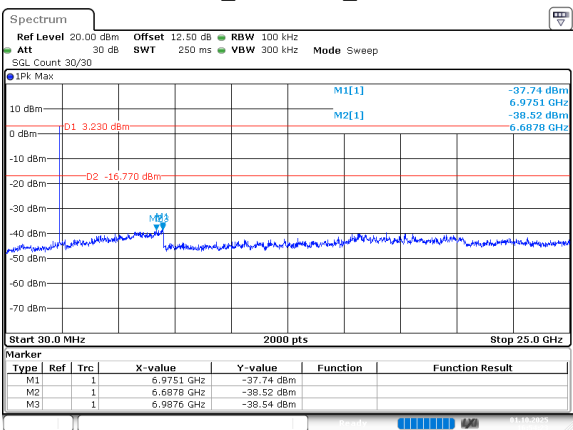
Chain 1

802.11b_2462MHz_Chain 0



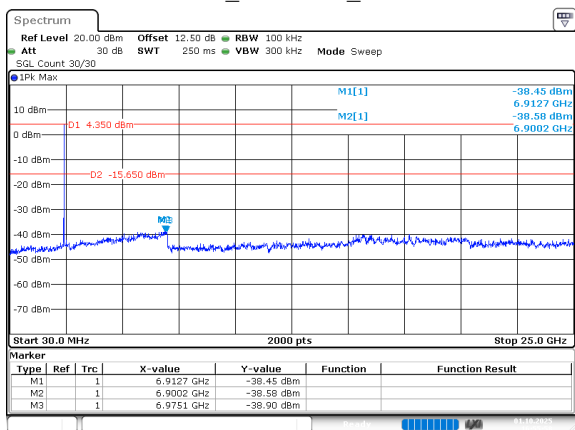
ProjectNo.:2501X77241E-RF Tester:Rainbow Zhu
Date: 1.OCT.2025 14:51:12

802.11b_2412MHz_Chain 1



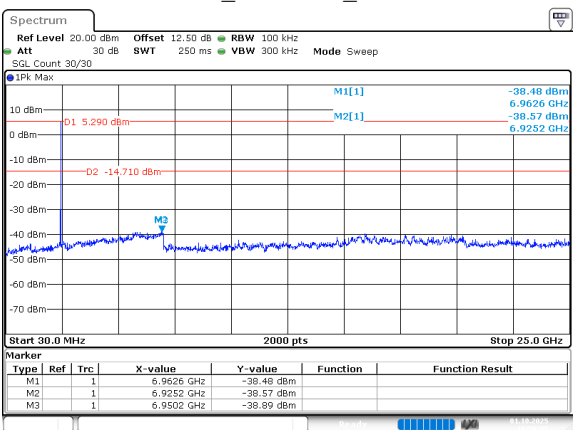
ProjectNo.:2501X77241E-RF Tester:Rainbow Zhu
Date: 1.OCT.2025 16:54:22

802.11b_2437MHz_Chain 1



ProjectNo.:2501X77241E-RF Tester:Rainbow Zhu
Date: 1.OCT.2025 16:55:57

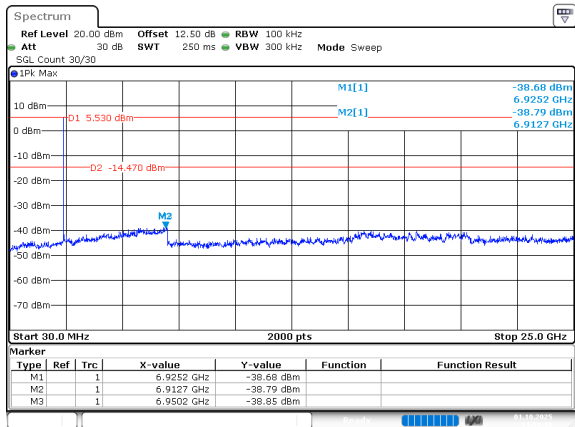
802.11b_2462MHz_Chain 1



ProjectNo.:2501X77241E-RF Tester:Rainbow Zhu
Date: 1.OCT.2025 16:56:54

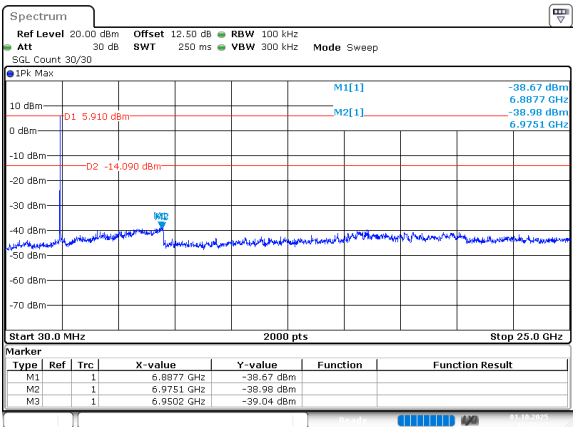
Chain 0

802.11g_2412MHz_Chain 0



ProjectNo.:2501X77241E-RF Tester:Rainbow Zhu
Date: 1.OCT.2025 14:58:11

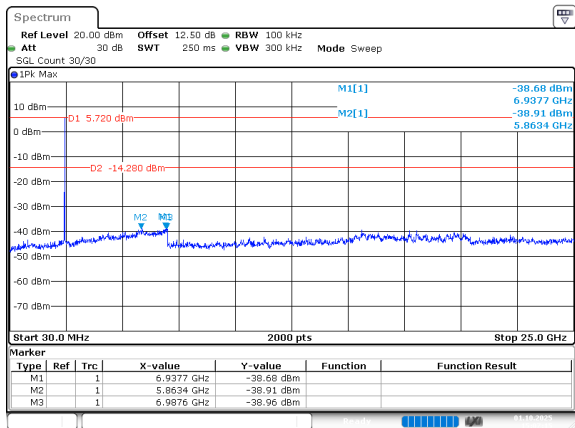
802.11g_2437MHz_Chain 0



ProjectNo.:2501X77241E-RF Tester:Rainbow Zhu
Date: 1.OCT.2025 15:02:37

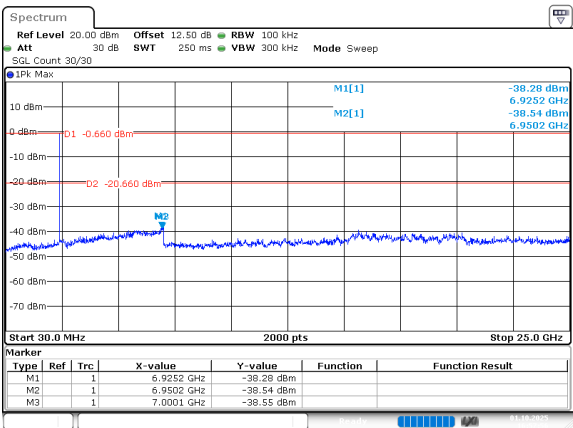
Chain 1

802.11g_2462MHz_Chain 0



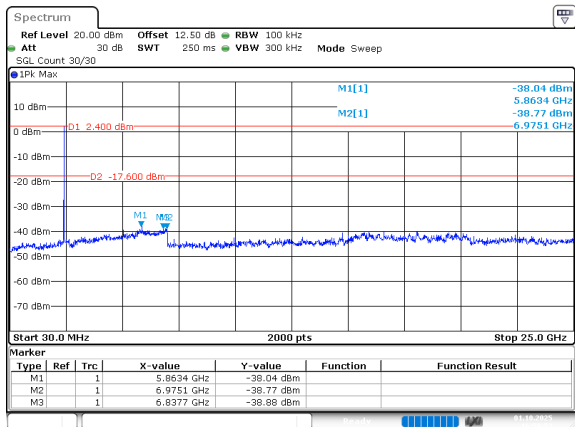
ProjectNo.:2501X77241E-RF Tester:Rainbow Zhu
Date: 1.OCT.2025 15:07:15

802.11g_2412MHz_Chain 1



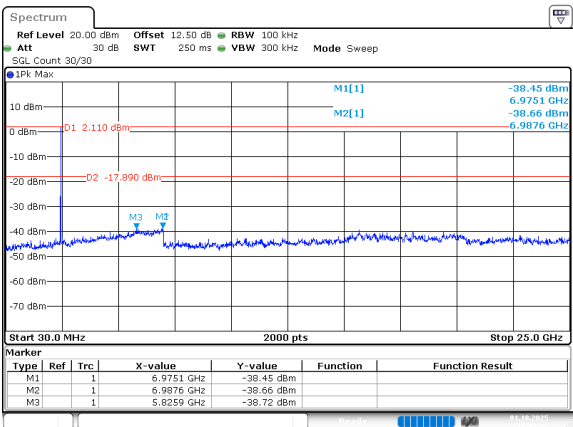
ProjectNo.:2501X77241E-RF Tester:Rainbow Zhu
Date: 1.OCT.2025 16:57:56

802.11g_2437MHz_Chain 1



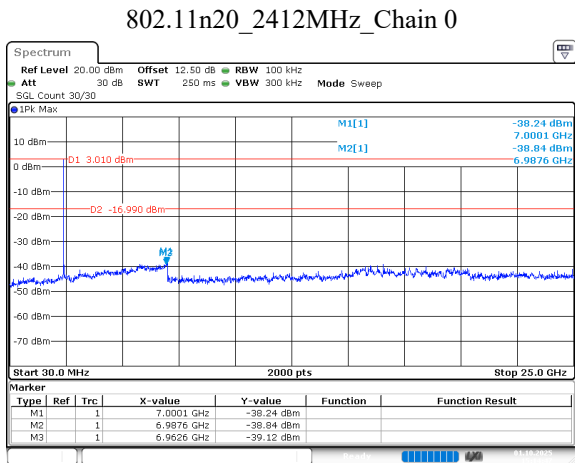
ProjectNo.:2501X77241E-RF Tester:Rainbow Zhu
Date: 1.OCT.2025 16:59:53

802.11g_2462MHz_Chain 1

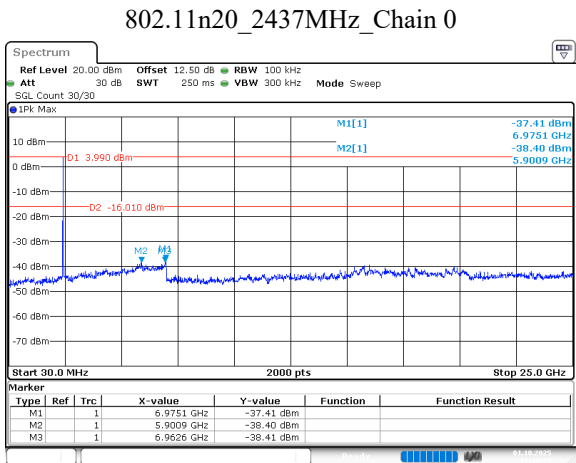


ProjectNo.:2501X77241E-RF Tester:Rainbow Zhu
Date: 1.OCT.2025 17:01:02

Chain 0

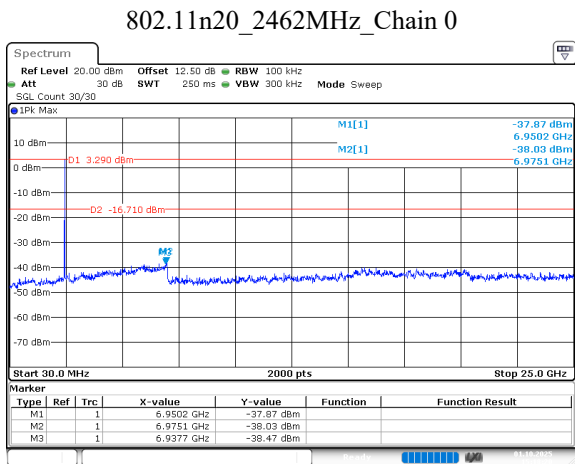


ProjectNo.:2501X77241E-RF Tester:Rainbow Zhu
Date: 1.OCT.2025 15:14:48

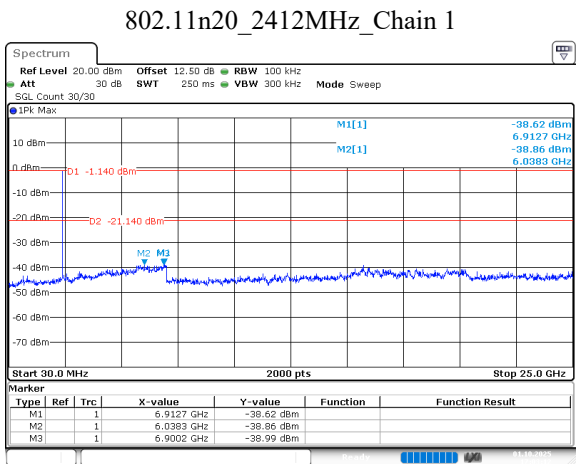


ProjectNo.:2501X77241E-RF Tester:Rainbow Zhu
Date: 1.OCT.2025 15:15:58

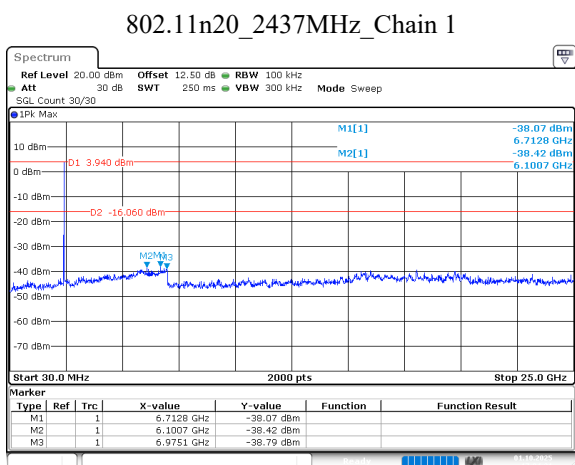
Chain 1



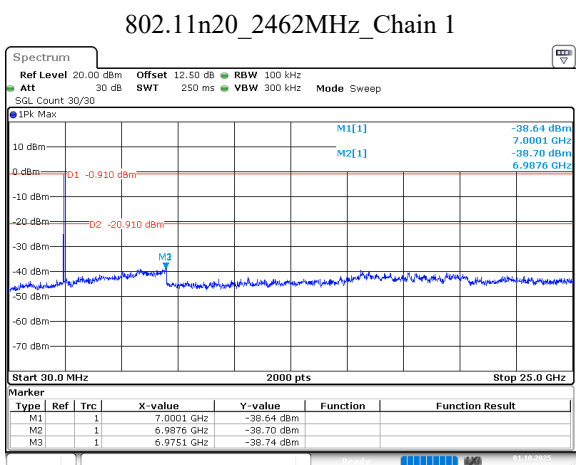
ProjectNo.:2501X77241E-RF Tester:Rainbow Zhu
Date: 1.OCT.2025 15:18:20



ProjectNo.:2501X77241E-RF Tester:Rainbow Zhu
Date: 1.OCT.2025 17:03:12

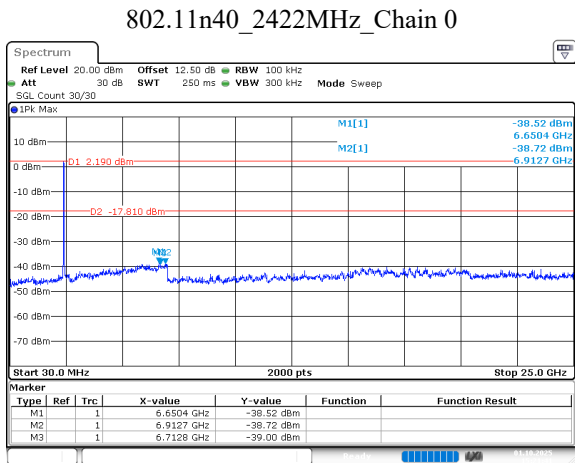


ProjectNo.:2501X77241E-RF Tester:Rainbow Zhu
Date: 1.OCT.2025 17:04:21

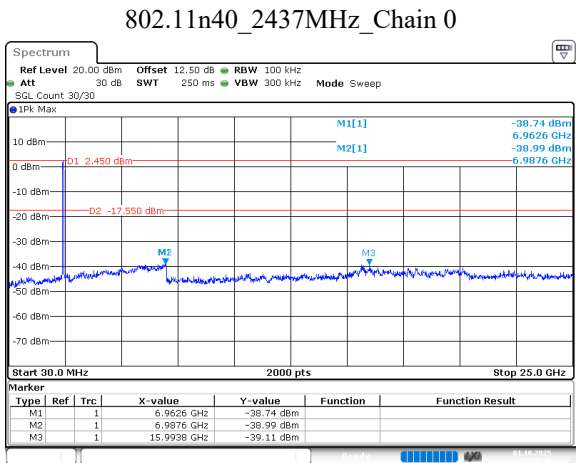


ProjectNo.:2501X77241E-RF Tester:Rainbow Zhu
Date: 1.OCT.2025 17:05:22

Chain 0

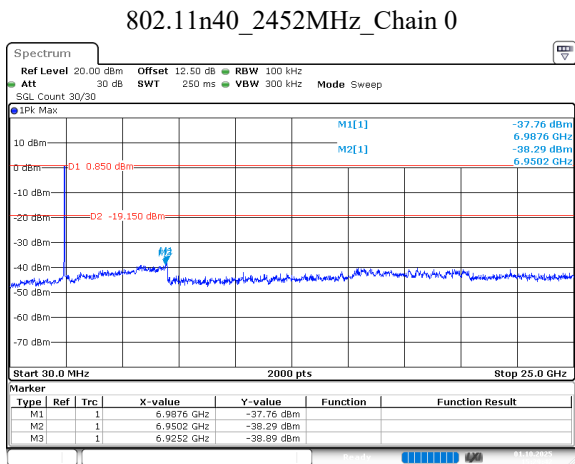


ProjectNo.:2501X77241E-RF Tester:Rainbow Zhu
Date: 1.OCT.2025 15:21:41

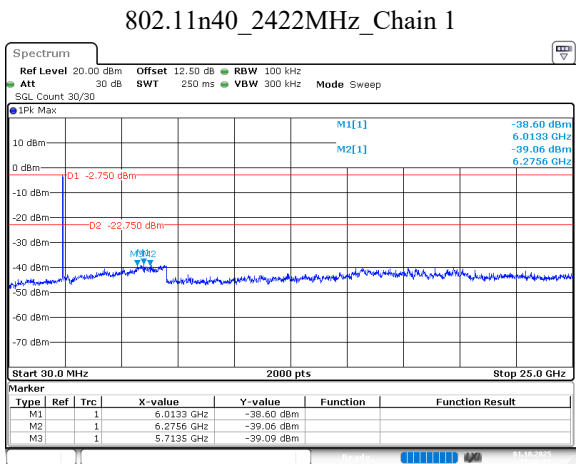


ProjectNo.:2501X77241E-RF Tester:Rainbow Zhu
Date: 1.OCT.2025 15:28:41

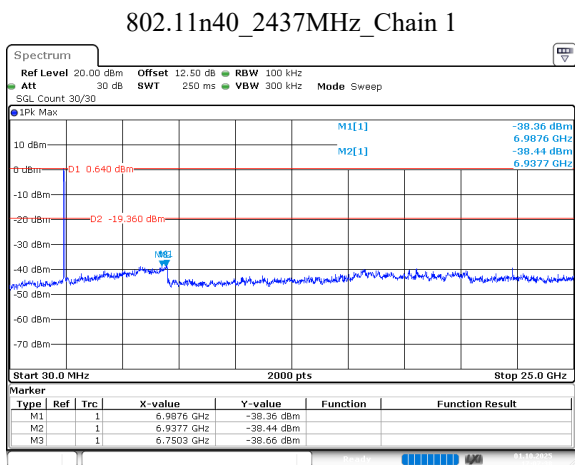
Chain 1



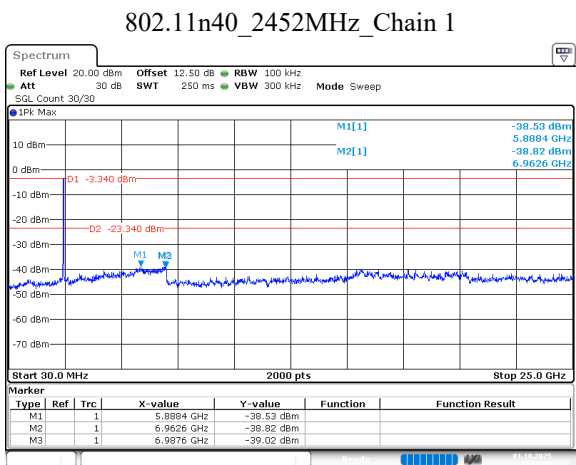
ProjectNo.:2501X77241E-RF Tester:Rainbow Zhu
Date: 1.OCT.2025 15:29:42



ProjectNo.:2501X77241E-RF Tester:Rainbow Zhu
Date: 1.OCT.2025 17:06:32



ProjectNo.:2501X77241E-RF Tester:Rainbow Zhu
Date: 1.OCT.2025 17:07:38



ProjectNo.:2501X77241E-RF Tester:Rainbow Zhu
Date: 1.OCT.2025 17:11:36

RF EXPOSURE EVALUATION

Applicable Standard

FCC§1.1310 and §2.1093.

Test Result

Compliance, please refer to the SAR report: 2501X77241E-SAA.

EUT PHOTOGRAPHS

Please refer to the attachment 2501X77241E-RF-EXP External photo and 2501X77241E-RF-INP Internal photo.

TEST SETUP PHOTOGRAPHS

Please refer to the attachment 2501X77241E-RF-TSPA Test Setup photo.

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