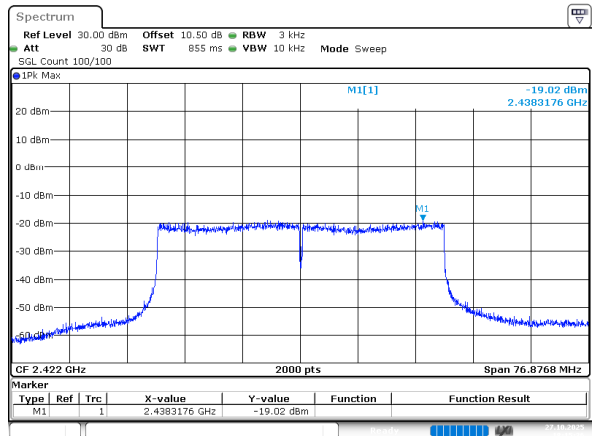
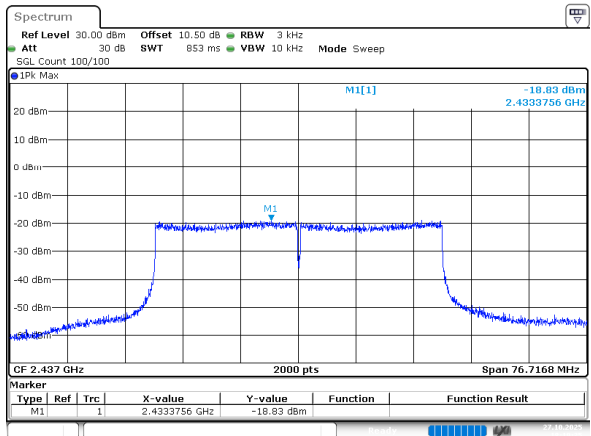


Chain 0

802.11ax40_2422MHz_RU_Full_Chain 0

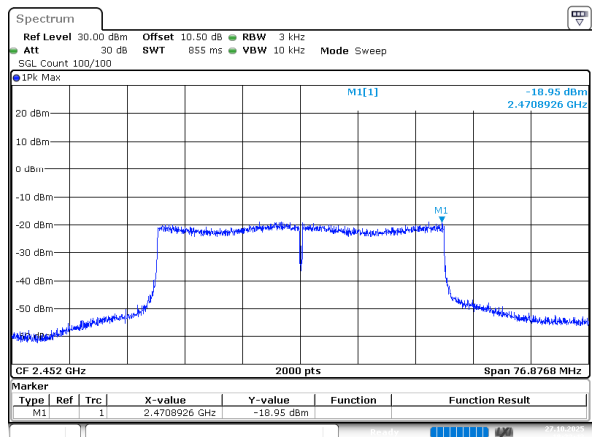


802.11ax40_2437MHz_RU_Full_Chain 0

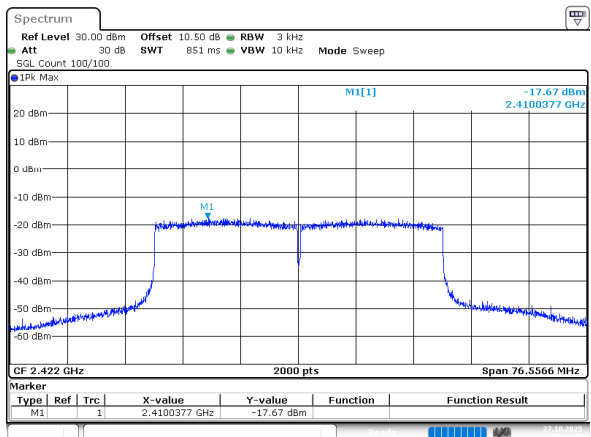


Chain 1

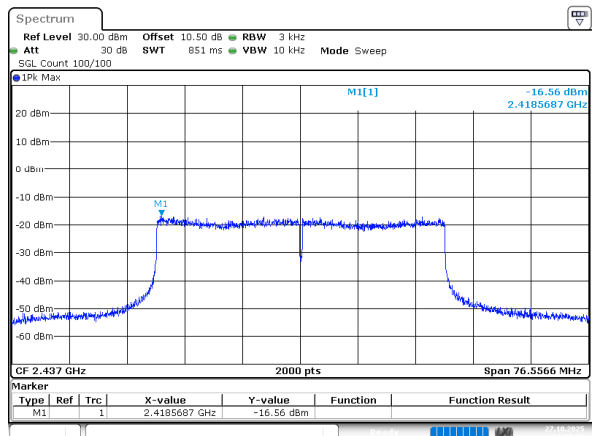
802.11ax40_2452MHz_RU_Full_Chain 0



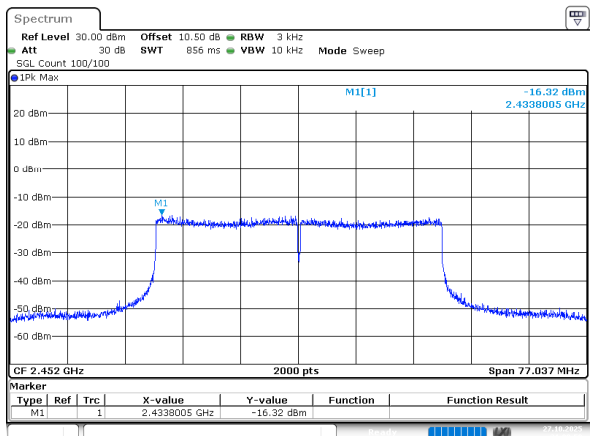
802.11ax40_2422MHz_RU_Full_Chain 1



802.11ax40_2437MHz_RU_Full_Chain 1



802.11ax40_2452MHz_RU_Full_Chain 1



5.7 Duty Cycle

Test Information:

Serial No.:	389D-1	Test Date:	2025/10/27~2025/10/28
Test Site:	RF	Test Mode:	Transmitting
Tester:	Conor Fu	Test Result:	N/A

Environmental Conditions:

Temperature: (°C)	28.0	Relative Humidity: (%)	38	ATM Pressure: (kPa)	101.2
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Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
R&S	Coaxial Attenuator	10dB	F-08-EM512	2025/06/06	2026/06/05
R&S	Spectrum Analyzer	FSV40	101461	2025/08/03	2026/08/02

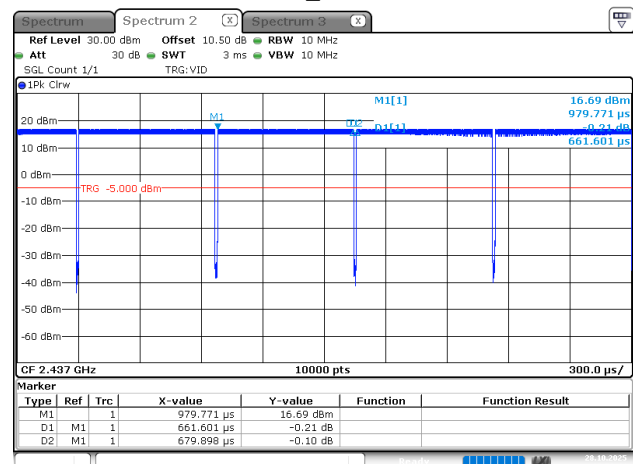
* Statement of Traceability: Bay Area Compliance Laboratories Corp. (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).

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	0.662	0.680	97.35	0.12	1511	2
802.11g	2437	1.959	1.993	98.29	/	/	0.010
802.11n ht20	2437	5.382	5.463	98.52	/	/	0.010
802.11n ht40	2437	5.376	5.445	98.73	/	/	0.010
802.11ax he20_RU_Full	2437	5.399	5.458	98.92	/	/	0.010
802.11ax he40_RU_Full	2437	5.320	5.461	97.42	0.11	188	0.200

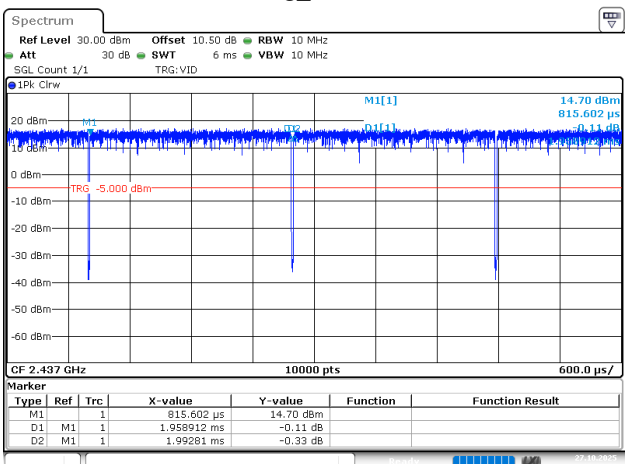
Duty Cycle = Ton/(Ton+Toff)*100%

802.11b_2437MHz



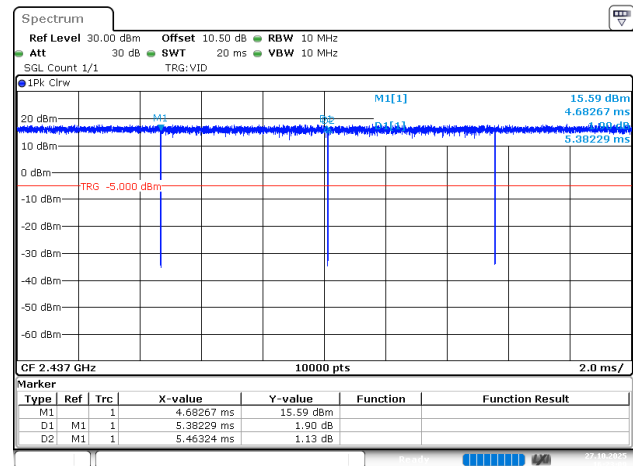
ProjectNo.:2502W36785E-RF Tester:Conor Fu
Date: 28.OCT.2025 09:53:44

802.11g_2437MHz



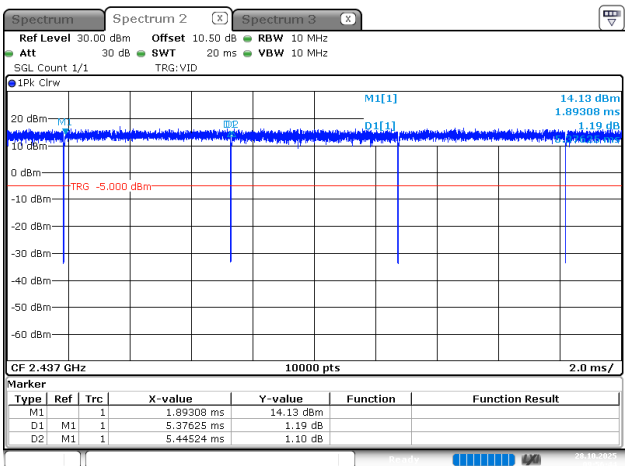
ProjectNo.:2502W36785E-RF Tester:Conor Fu
Date: 27.OCT.2025 16:15:58

802.11n ht20_2437MHz



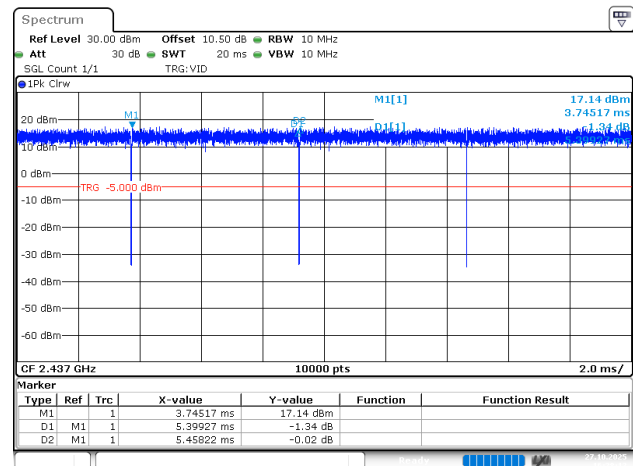
ProjectNo.:2502W36785E-RF Tester:Conor Fu
Date: 27.OCT.2025 16:23:10

802.11n ht40_2437MHz



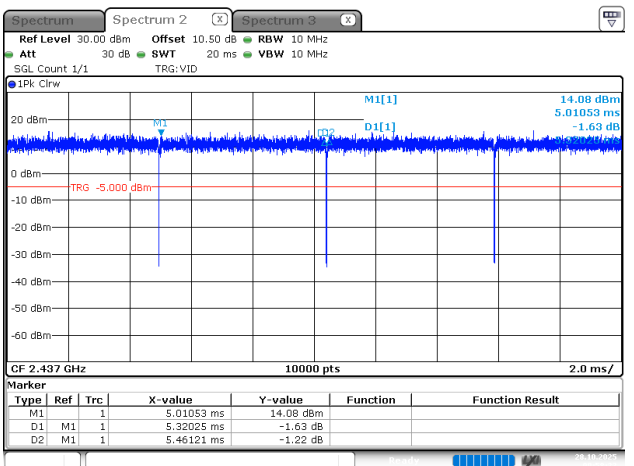
ProjectNo.:2502W36785E-RF Tester:Conor Fu
Date: 28.OCT.2025 09:56:44

802.11ax he20_2437MHz_RU_Full



ProjectNo.:2502W36785E-RF Tester:Conor Fu
Date: 27.OCT.2025 16:28:12

802.11ax he40_2437MHz_RU_Full



ProjectNo.:2502W36785E-RF Tester:Conor Fu
Date: 28.OCT.2025 09:58:22

5.8 Conducted Spurious Emission

Test Information:

Serial No.:	389D-1	Test Date:	2025/10/27~2025/10/28
Test Site:	RF	Test Mode:	Transmitting
Tester:	Conor Fu	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	28.0	Relative Humidity: (%)	38	ATM Pressure: (kPa)	101.2
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Test Equipment List and Details:

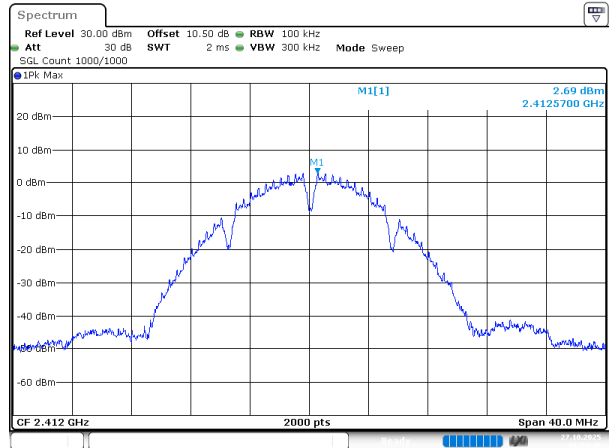
Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
HUBER+SUHNER	Coaxial Attenuator	6610_SMA-50-1	0064	2025/06/06	2026/06/05
R&S	Spectrum Analyzer	FSV40	101461	2025/08/03	2026/08/02

* Statement of Traceability: Bay Area Compliance Laboratories Corp. (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).

Test Data:

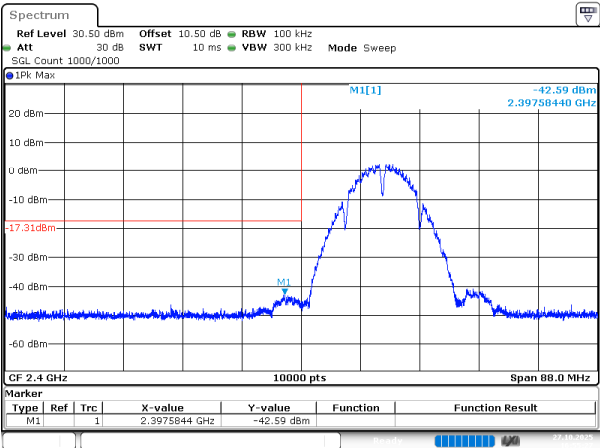
Chain 0

802.11b_2412MHz_Chain 0



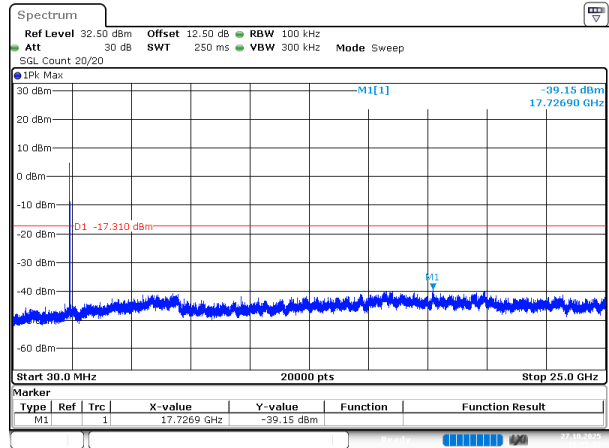
ProjectNo.:2502W36785E-RF Tester:Conor Fu
Date: 27.OCT.2025 16:54:46

802.11b_2412MHz_Chain 0



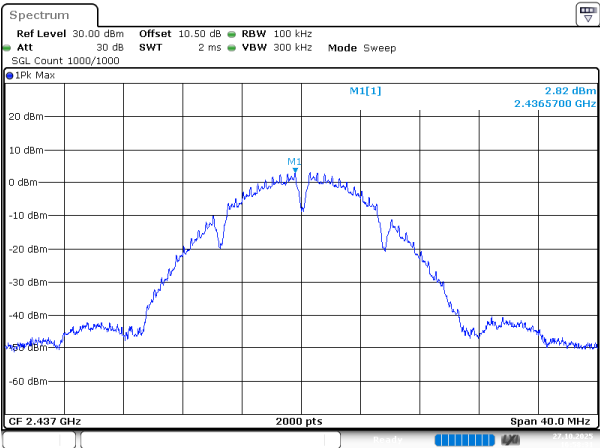
ProjectNo.:2502W36785E-RF Tester:Conor Fu
Date: 27.OCT.2025 16:55:27

802.11b_2412MHz_Chain 0



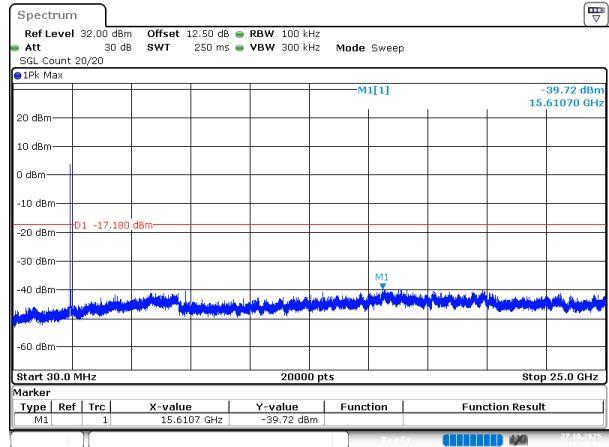
ProjectNo.:2502W36785E-RF Tester:Conor Fu
Date: 27.OCT.2025 16:55:57

802.11b_2437MHz_Chain 0



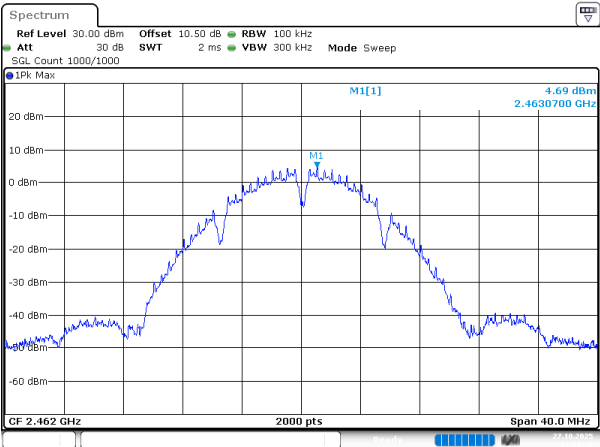
ProjectNo.:2502W36785E-RF Tester:Conor Fu
Date: 27.OCT.2025 16:58:31

802.11b_2437MHz_Chain 0



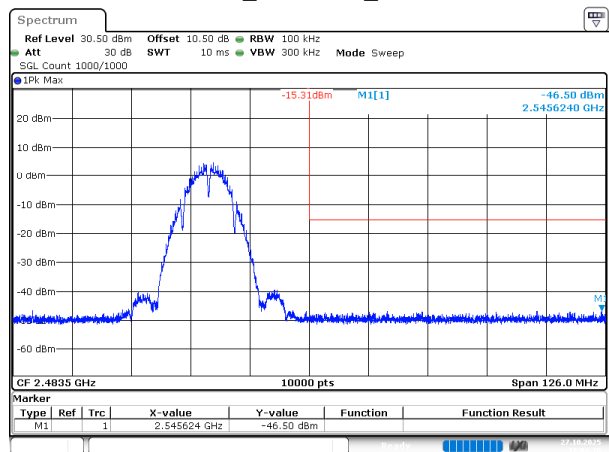
ProjectNo.:2502W36785E-RF Tester:Conor Fu
Date: 27.OCT.2025 16:58:58

802.11b_2462MHz_Chain 0



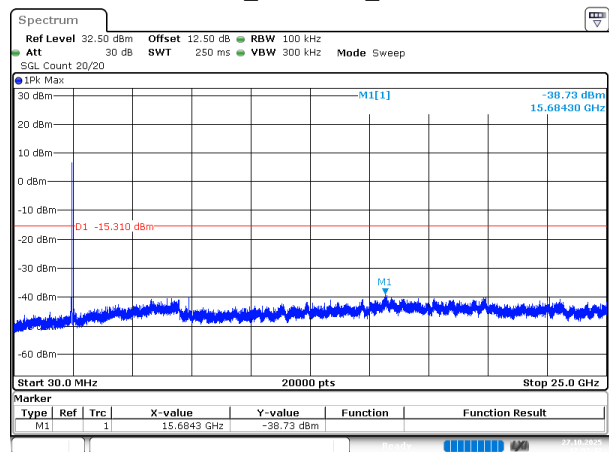
ProjectNo.:2502W36785E-RF Tester:Conor Fu
Date: 27.OCT.2025 17:01:48

802.11b_2462MHz_Chain 0



ProjectNo.:2502W36785E-RF Tester:Conor Fu
Date: 27.OCT.2025 17:02:16

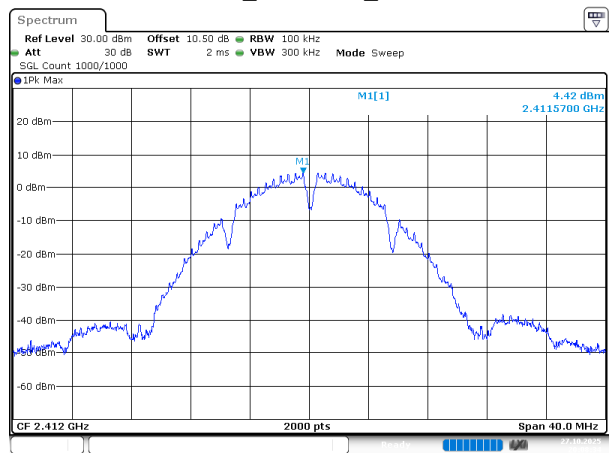
802.11b_2462MHz_Chain 0



ProjectNo.:2502W36785E-RF Tester:Conor Fu
Date: 27.OCT.2025 17:02:42

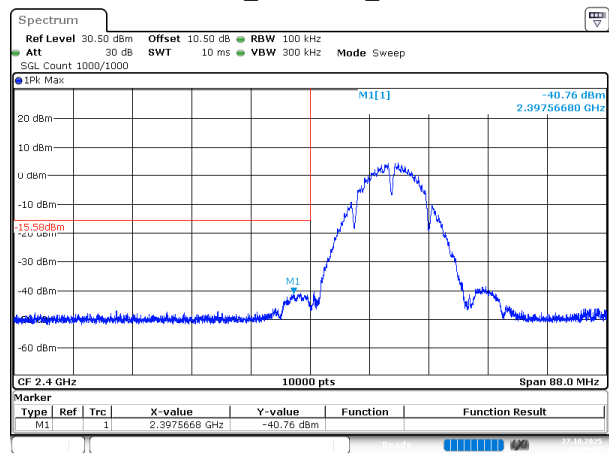
Chain 1

802.11b_2412MHz_Chain 1



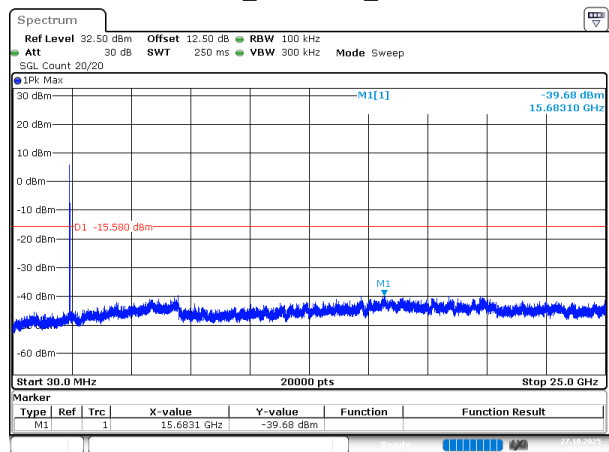
ProjectNo.:2502W36785E-RF Tester:Conor Fu
Date: 27.OCT.2025 20:08:35

802.11b_2412MHz_Chain 1



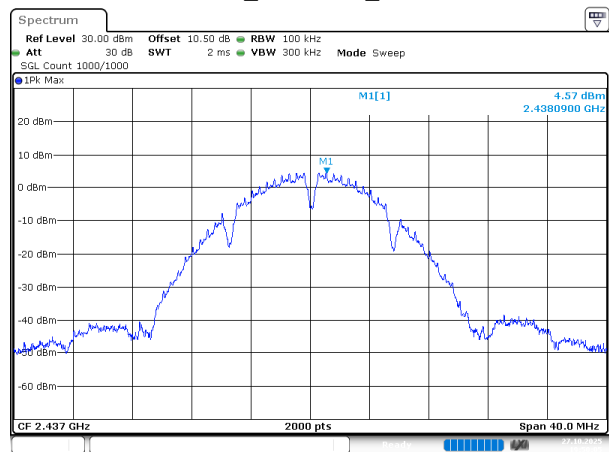
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Date: 27.OCT.2025 20:09:02

802.11b_2412MHz_Chain 1



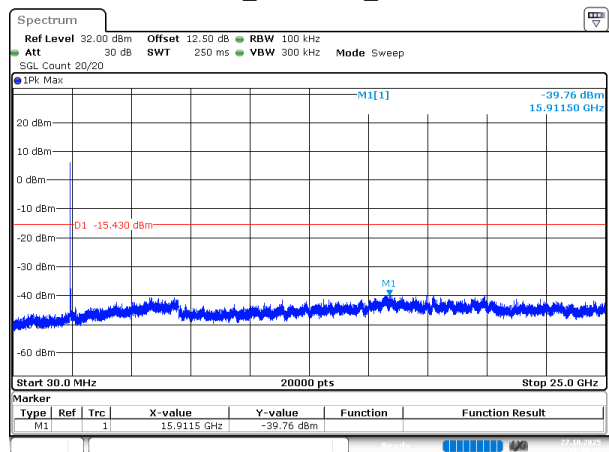
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Date: 27.OCT.2025 20:09:27

802.11b_2437MHz_Chain 1



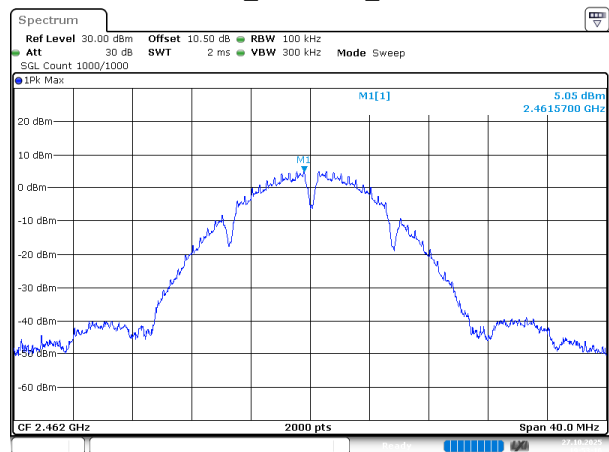
ProjectNo.:2502W36785E-RF Tester:Conor Fu
Date: 27.OCT.2025 19:50:05

802.11b_2437MHz_Chain 1



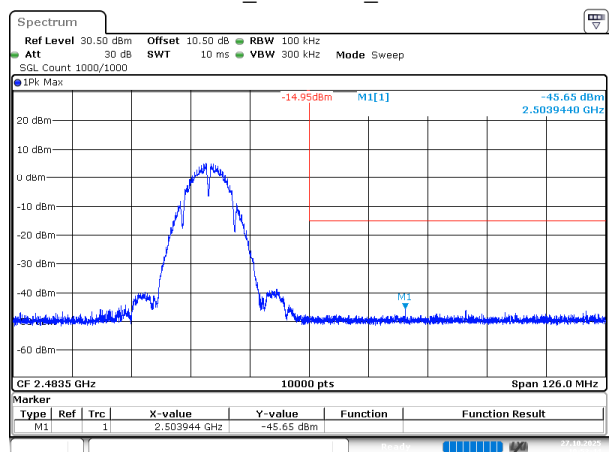
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Date: 27.OCT.2025 19:50:32

802.11b_2462MHz_Chain 1



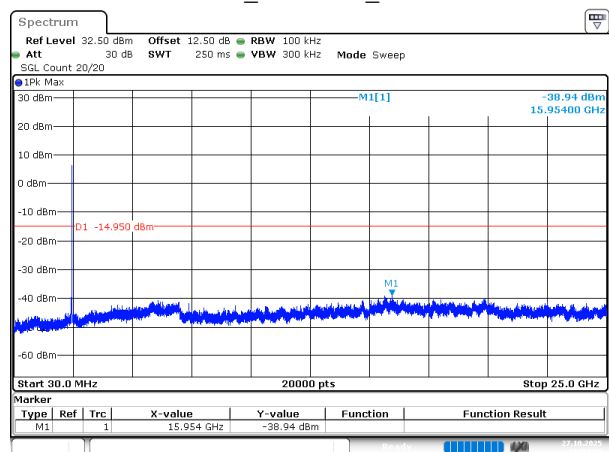
ProjectNo.:2502W36785E-RF Tester:Conor Fu
Date: 27.OCT.2025 19:53:16

802.11b_2462MHz_Chain 1



ProjectNo.:2502W36785E-RF Tester:Conor Fu
Date: 27.OCT.2025 19:53:44

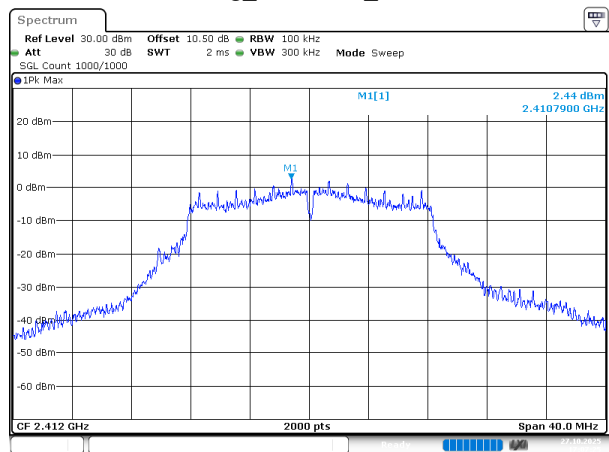
802.11b_2462MHz_Chain 1



ProjectNo.:2502W36785E-RF Tester:Conor Fu
Date: 27.OCT.2025 19:54:10

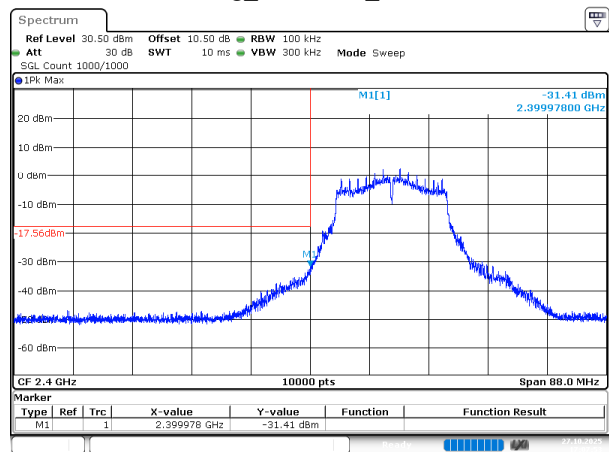
Chain 0

802.11g_2412MHz_Chain 0



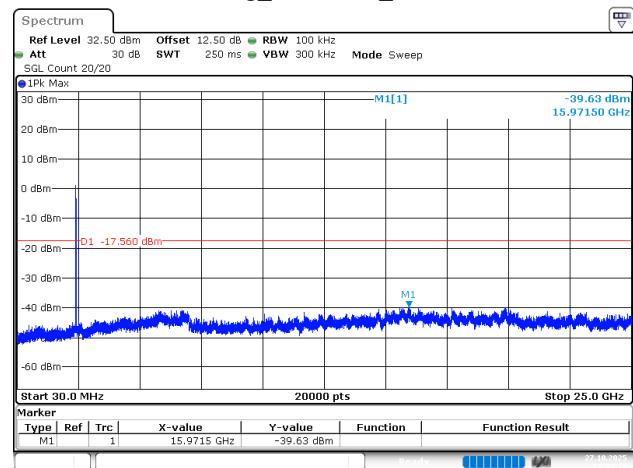
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Date: 27.OCT.2025 17:07:25

802.11g_2412MHz_Chain 0



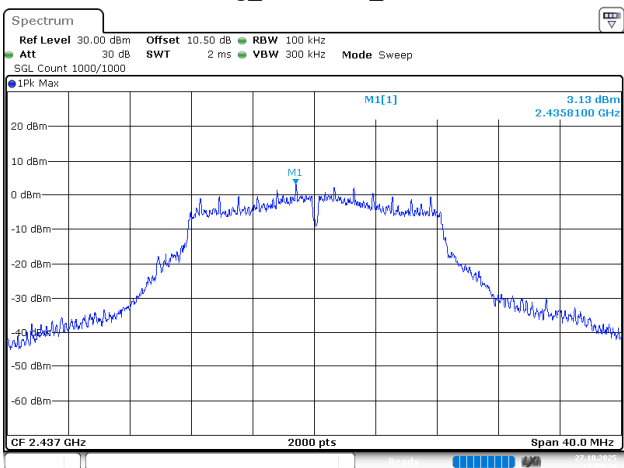
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Date: 27.OCT.2025 17:07:53

802.11g_2412MHz_Chain 0



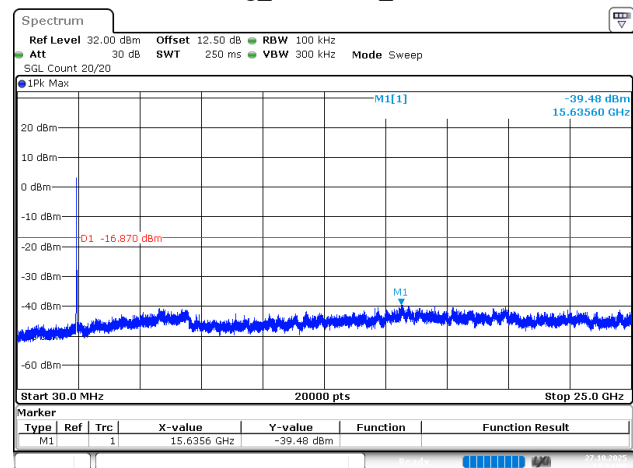
ProjectNo.:2502W36785E-RF Tester:Conor Fu
Date: 27.OCT.2025 17:08:19

802.11g_2437MHz_Chain 0



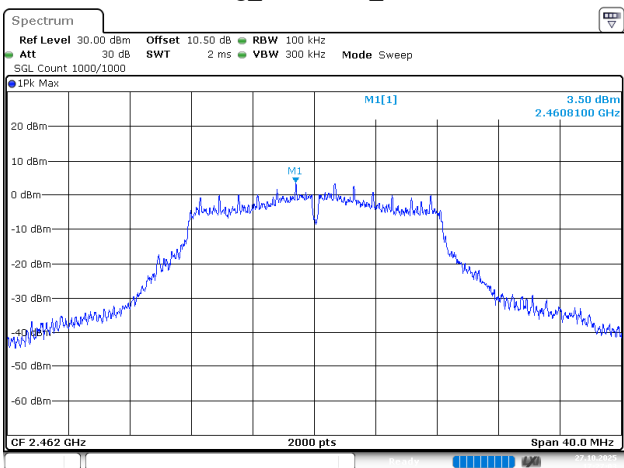
ProjectNo.:2502W36785E-RF Tester:Conor Fu
Date: 27.OCT.2025 17:23:40

802.11g_2437MHz_Chain 0



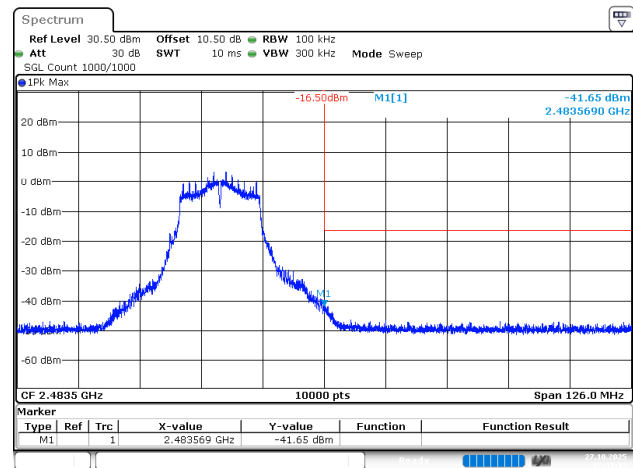
ProjectNo.:2502W36785E-RF Tester:Conor Fu
Date: 27.OCT.2025 17:24:09

802.11g_2462MHz_Chain 0



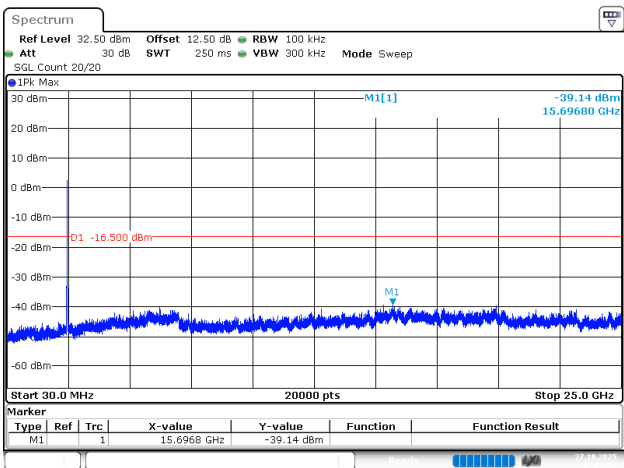
ProjectNo.:2502W36785E-RF Tester:Conor Fu
Date: 27.OCT.2025 17:27:03

802.11g_2462MHz_Chain 0



ProjectNo.:2502W36785E-RF Tester:Conor Fu
Date: 27.OCT.2025 17:27:32

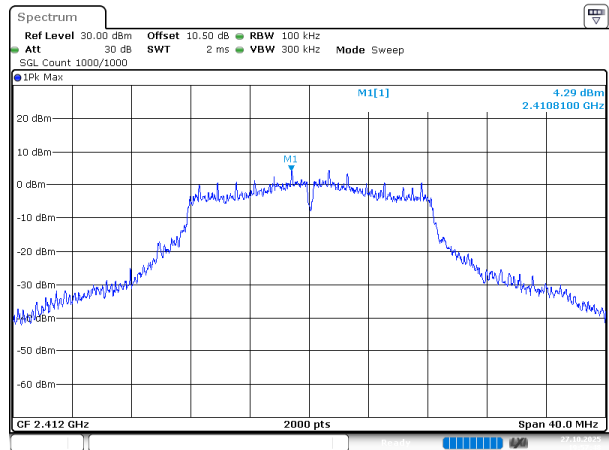
802.11g_2462MHz_Chain 0



ProjectNo.:2502W36785E-RF Tester:Conor Fu
Date: 27.OCT.2025 17:27:58

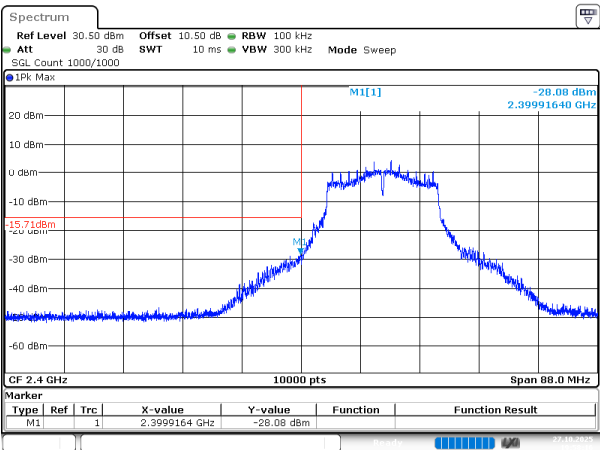
Chain 1

802.11g_2412MHz_Chain 1



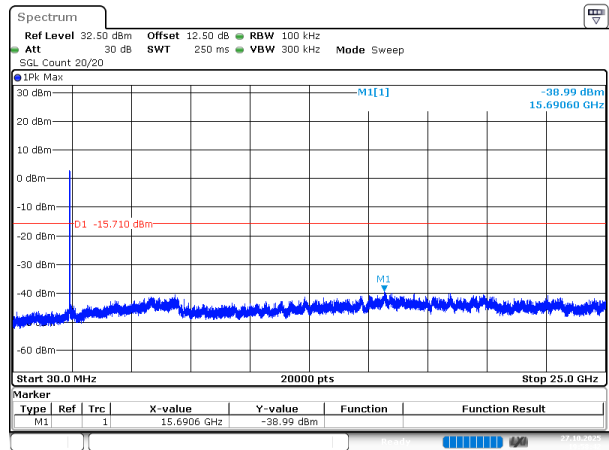
ProjectNo.:2502W36785E-RF Tester:Conor Fu
Date: 27.OCT.2025 19:57:48

802.11g_2412MHz_Chain 1



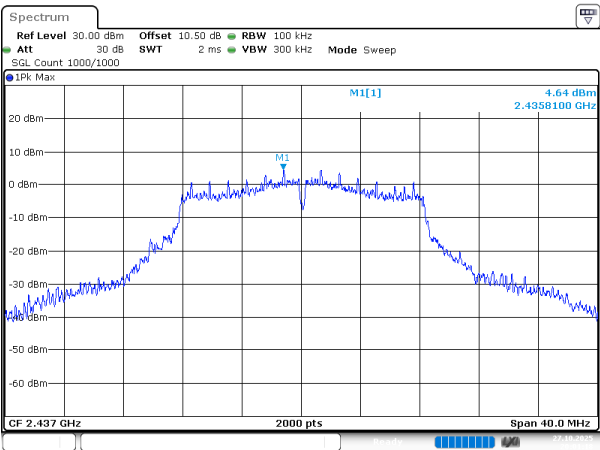
ProjectNo.:2502W36785E-RF Tester:Conor Fu
Date: 27.OCT.2025 19:58:16

802.11g_2412MHz_Chain 1



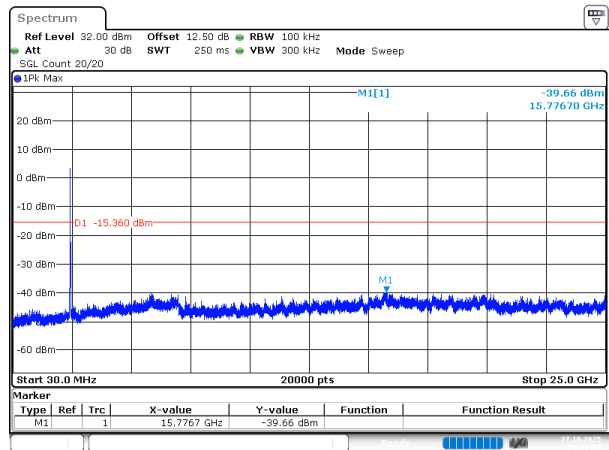
ProjectNo.:2502W36785E-RF Tester:Conor Fu
Date: 27.OCT.2025 19:58:42

802.11g_2437MHz_Chain 1



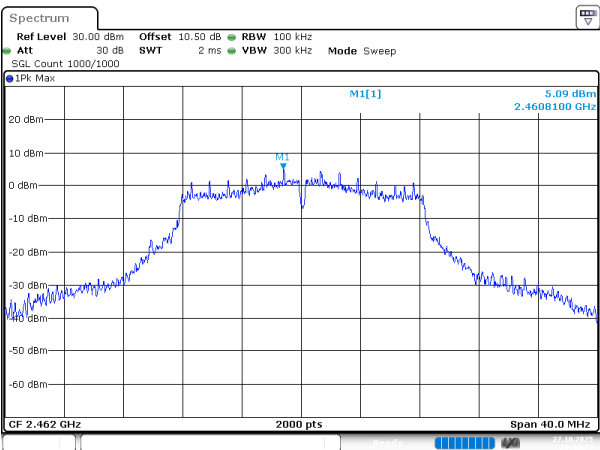
ProjectNo.:2502W36785E-RF Tester:Conor Fu
Date: 27.OCT.2025 20:01:18

802.11g_2437MHz_Chain 1



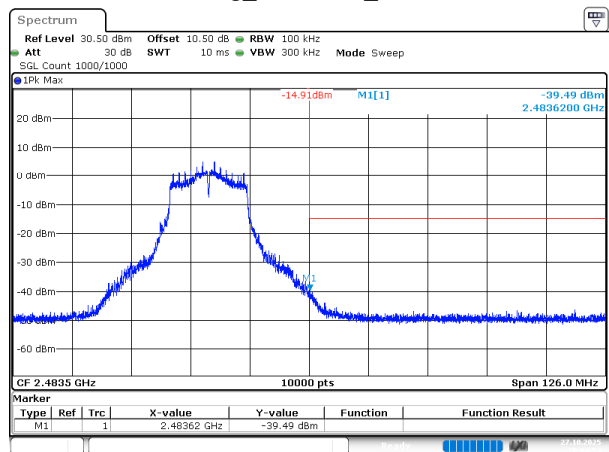
ProjectNo.:2502W36785E-RF Tester:Conor Fu
Date: 27.OCT.2025 20:01:45

802.11g_2462MHz_Chain 1



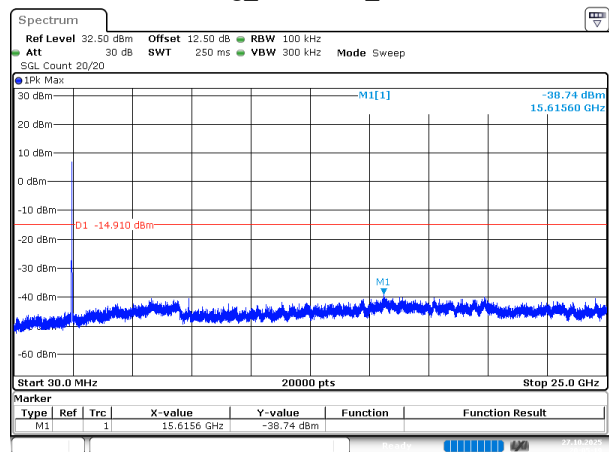
ProjectNo.:2502W36785E-RF Tester:Conor Fu
Date: 27.OCT.2025 20:04:27

802.11g_2462MHz_Chain 1



ProjectNo.:2502W36785E-RF Tester:Conor Fu
Date: 27.OCT.2025 20:04:54

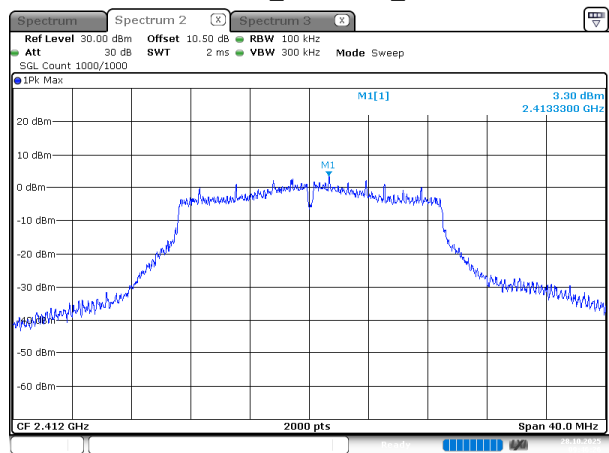
802.11g_2462MHz_Chain 1



ProjectNo.:2502W36785E-RF Tester:Conor Fu
Date: 27.OCT.2025 20:05:19

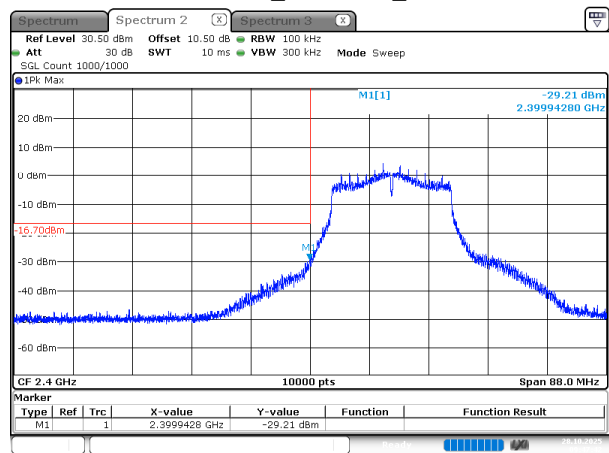
Chain 0

802.11n ht20_2412MHz_Chain 0



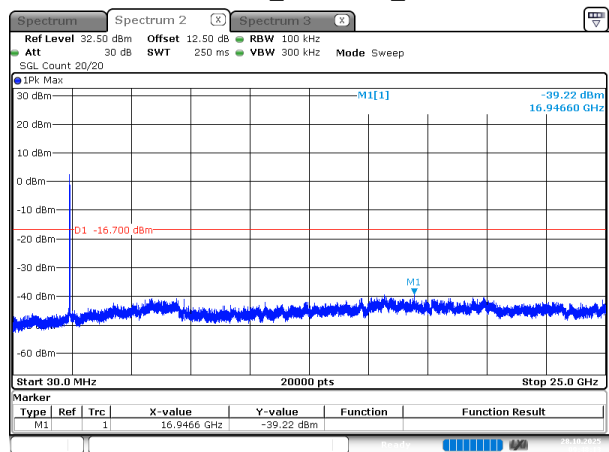
ProjectNo.:2502W36785E-RF Tester:Conor Fu
Date: 28.OCT.2025 09:46:26

802.11n ht20_2412MHz_Chain 0



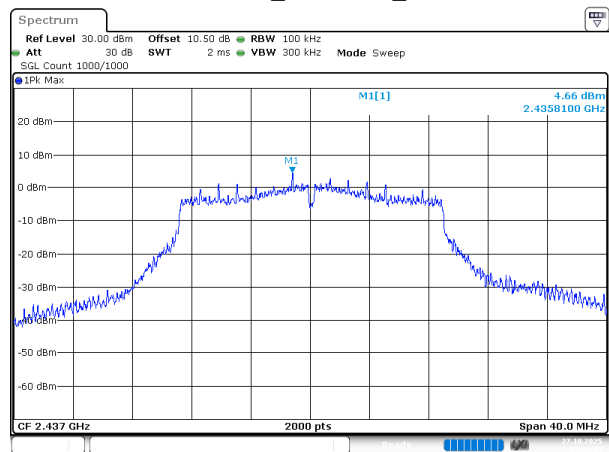
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Date: 28.OCT.2025 09:47:42

802.11n ht20_2412MHz_Chain 0



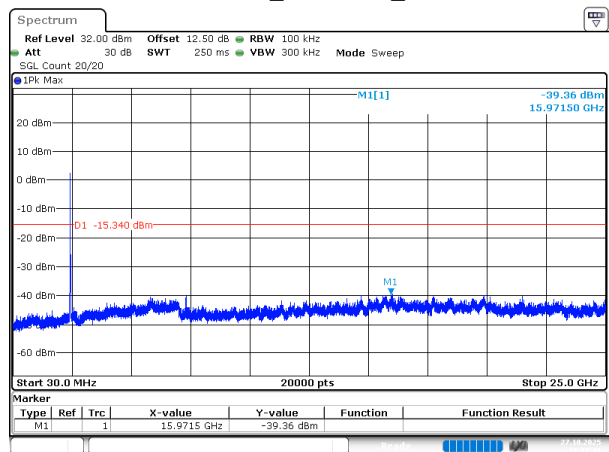
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Date: 28.OCT.2025 09:48:13

802.11n ht20_2437MHz_Chain 0



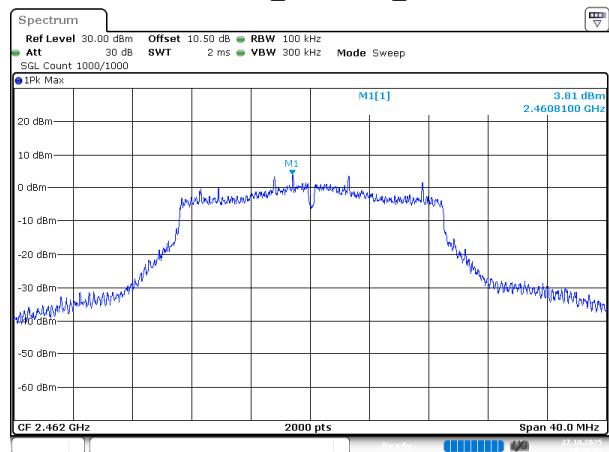
ProjectNo.:2502W36785E-RF Tester:Conor Fu
Date: 27.OCT.2025 17:37:13

802.11n ht20_2437MHz_Chain 0



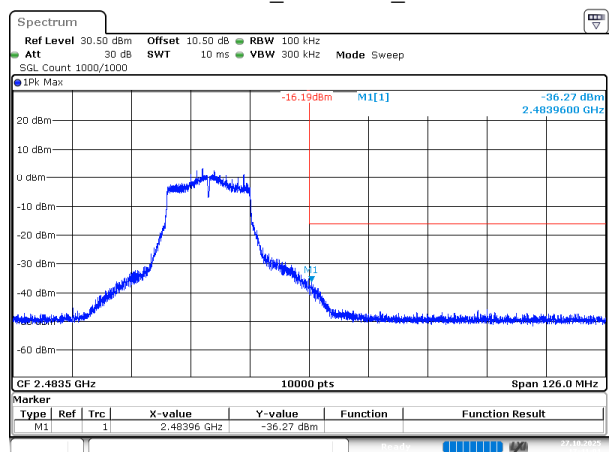
ProjectNo.:2502W36785E-RF Tester:Conor Fu
Date: 27.OCT.2025 17:37:41

802.11n ht20_2462MHz_Chain 0



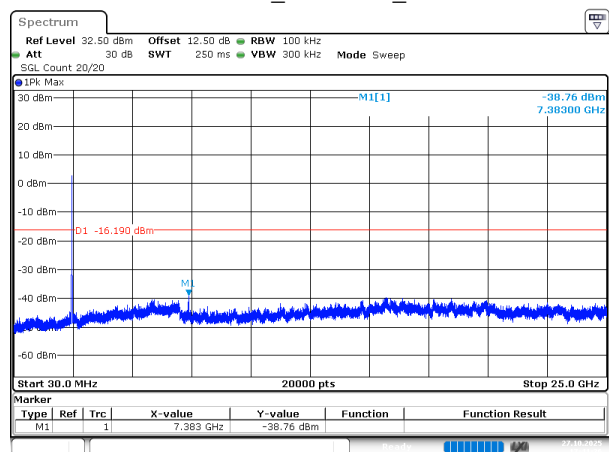
ProjectNo.:2502W36785E-RF Tester:Conor Fu
Date: 27.OCT.2025 17:40:33

802.11n ht20_2462MHz_Chain 0



ProjectNo.:2502W36785E-RF Tester:Conor Fu
Date: 27.OCT.2025 17:41:01

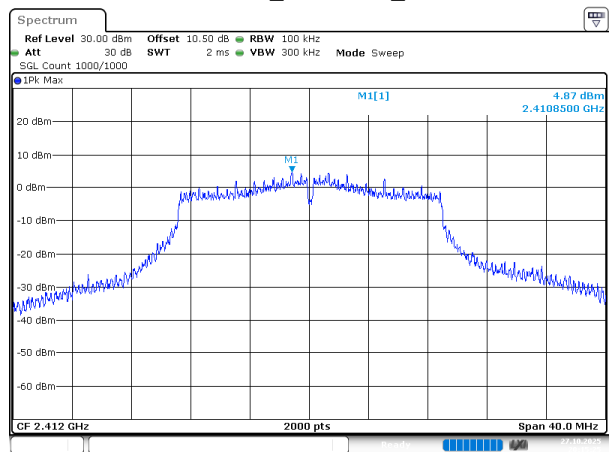
802.11n ht20_2462MHz_Chain 0



ProjectNo.:2502W36785E-RF Tester:Conor Fu
Date: 27.OCT.2025 17:41:26

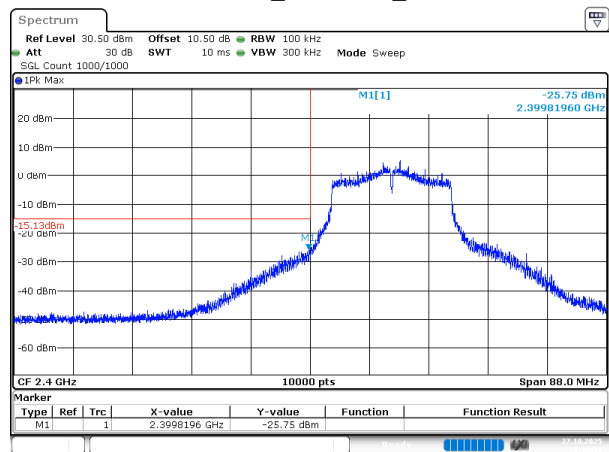
Chain 1

802.11n ht20_2412MHz_Chain 1



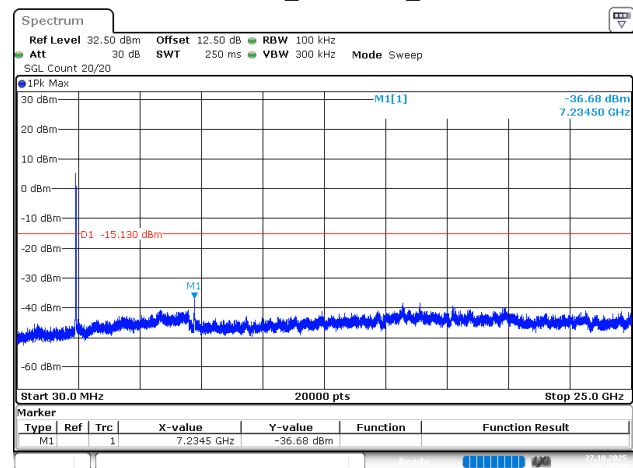
ProjectNo.:2502W36785E-RF Tester:Conor Fu
Date: 27.OCT.2025 20:15:25

802.11n ht20_2412MHz_Chain 1



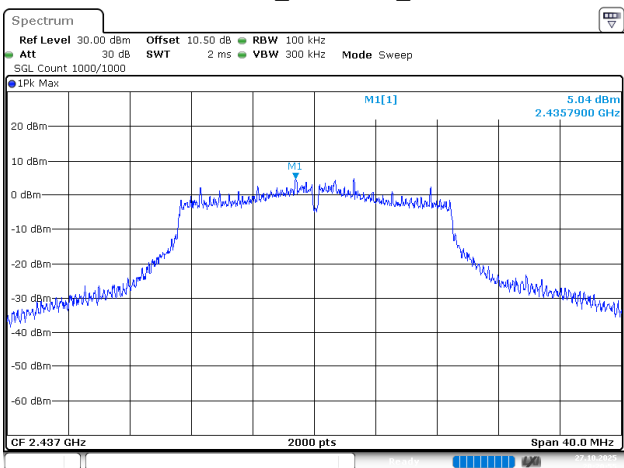
ProjectNo.:2502W36785E-RF Tester:Conor Fu
Date: 27.OCT.2025 20:15:53

802.11n ht20_2412MHz_Chain 1



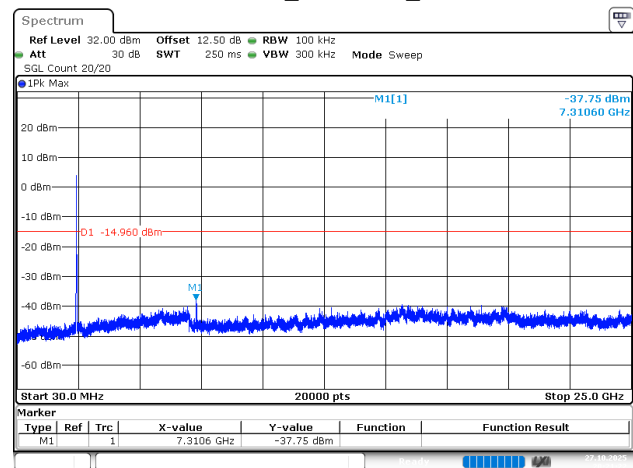
ProjectNo.:2502W36785E-RF Tester:Conor Fu
Date: 27.OCT.2025 20:16:19

802.11n ht20_2437MHz_Chain 1



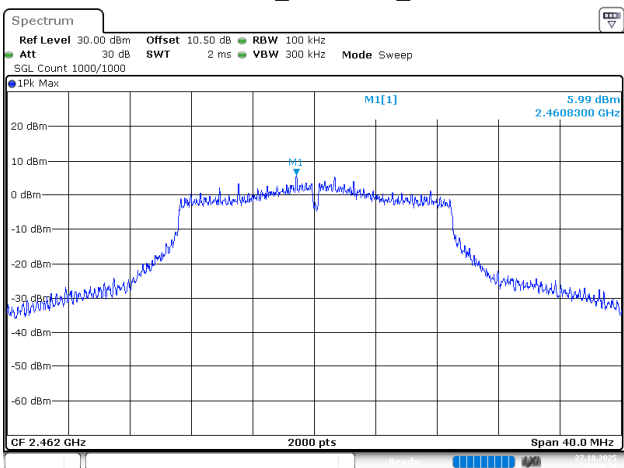
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Date: 27.OCT.2025 20:20:55

802.11n ht20_2437MHz_Chain 1



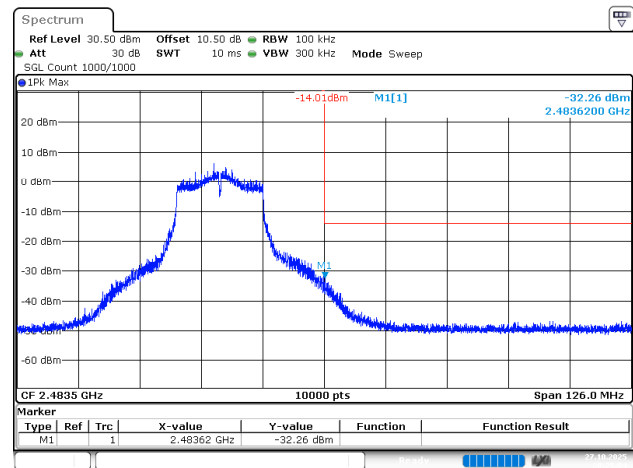
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Date: 27.OCT.2025 20:21:22

802.11n ht20_2462MHz_Chain 1



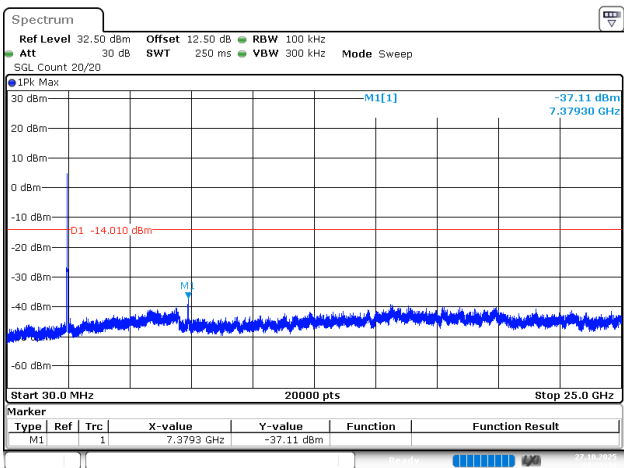
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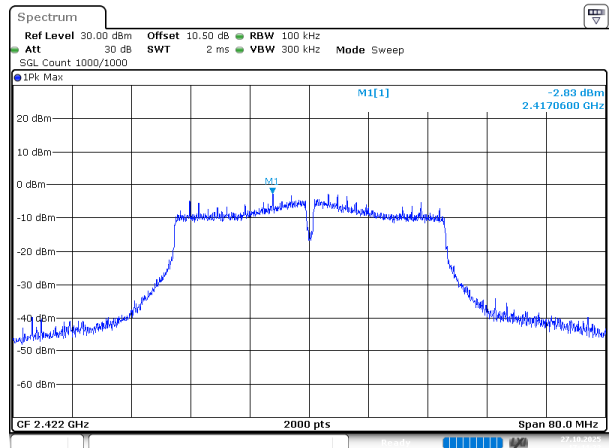
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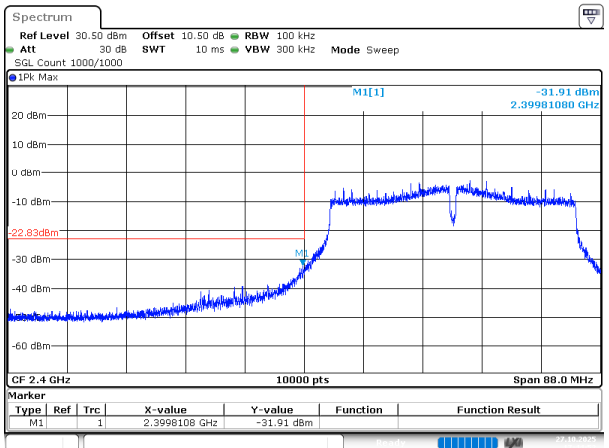
Chain 0

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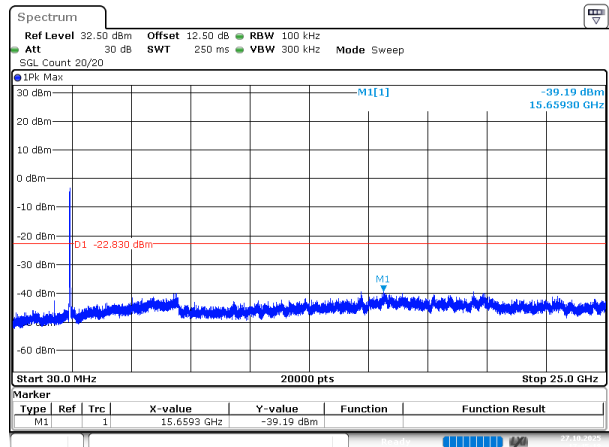
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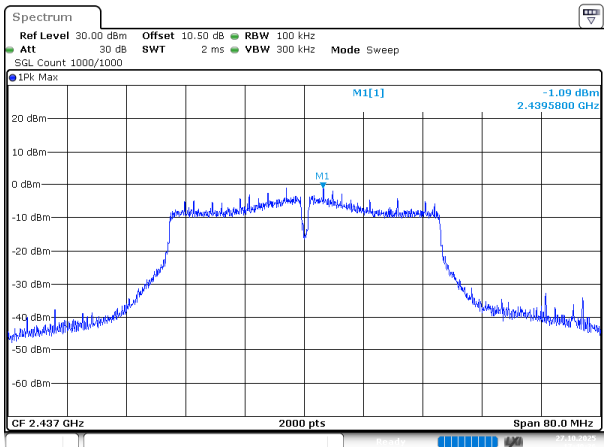
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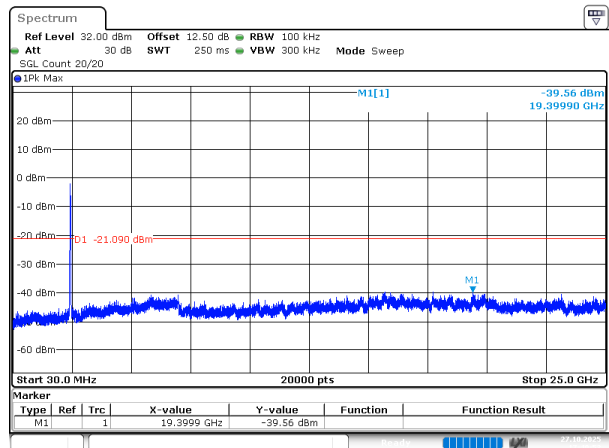
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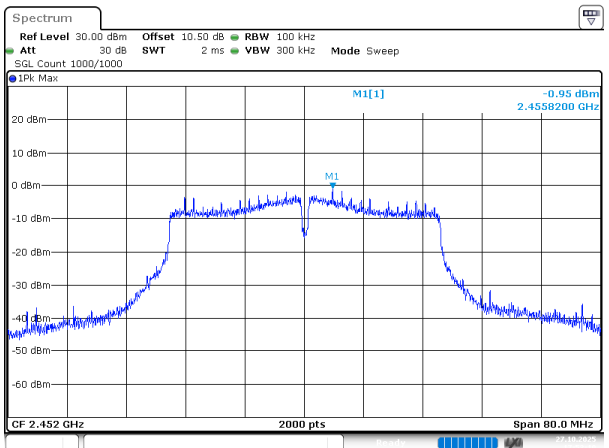
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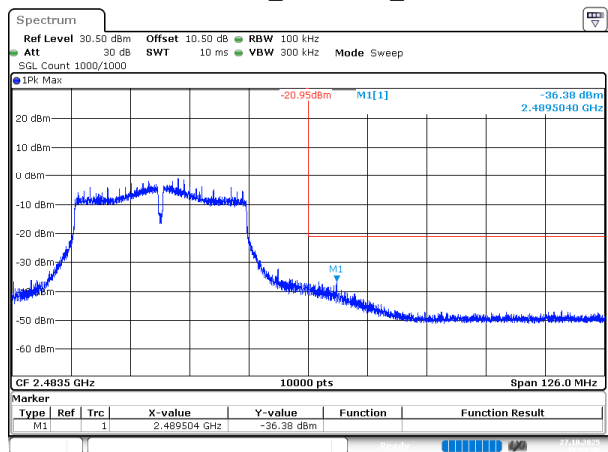
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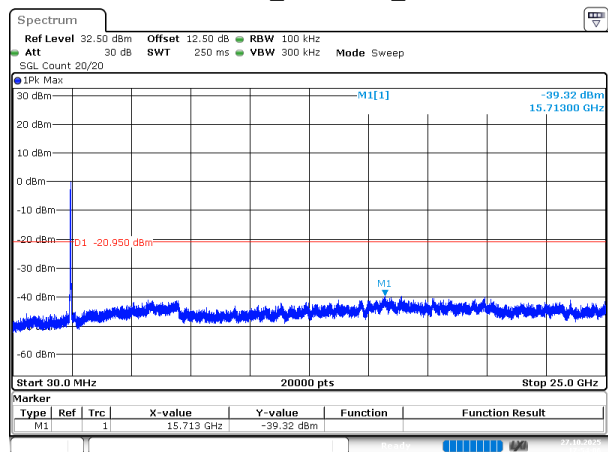
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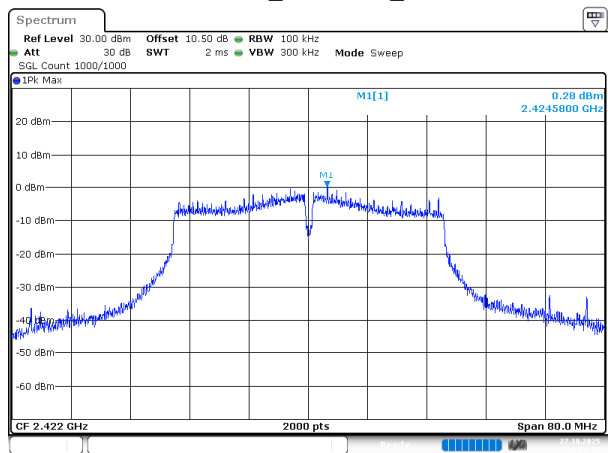
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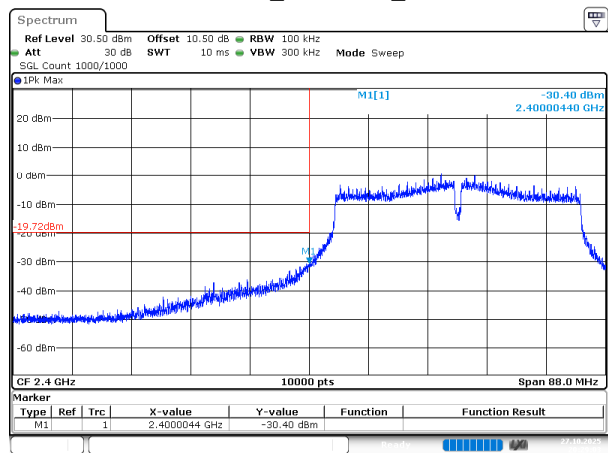
Chain 1

802.11n ht40_2422MHz_Chain 1



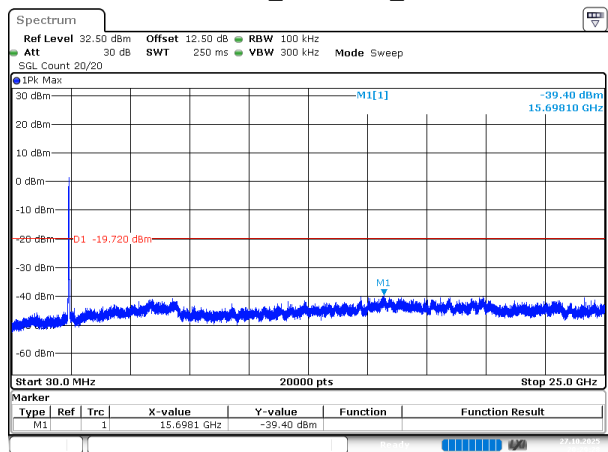
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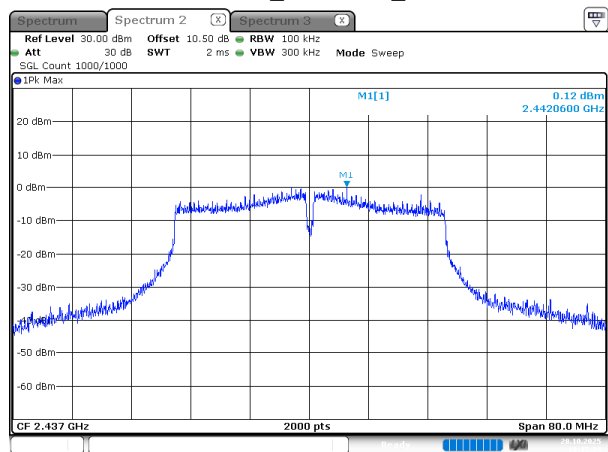
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802.11n ht40_2422MHz_Chain 1



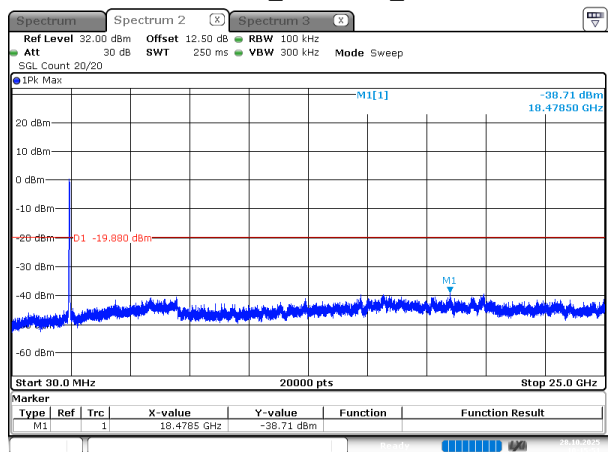
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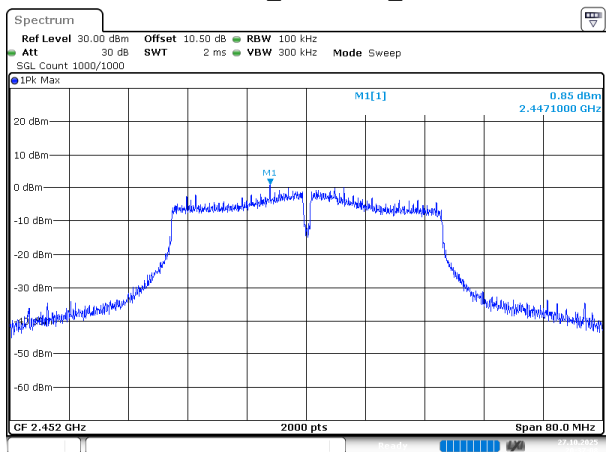
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802.11n ht40_2437MHz_Chain 1



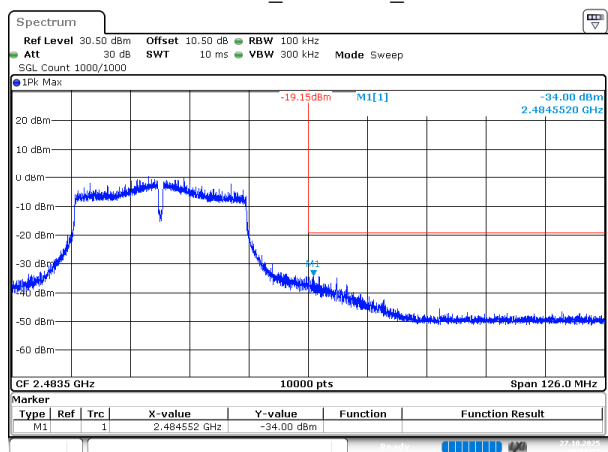
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802.11n ht40_2452MHz_Chain 1



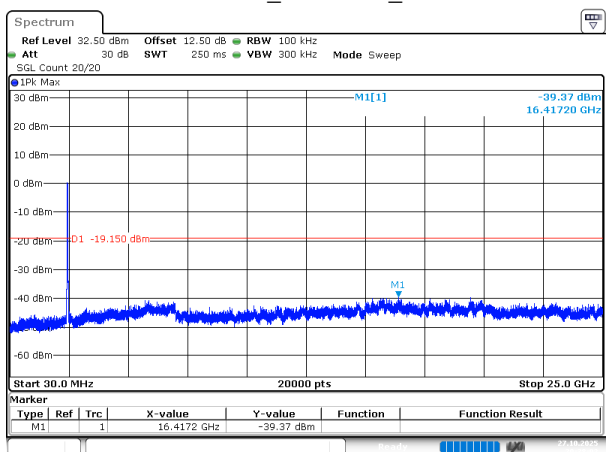
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Date: 27.OCT.2025 20:37:08

802.11n ht40_2452MHz_Chain 1



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Date: 27.OCT.2025 20:37:37

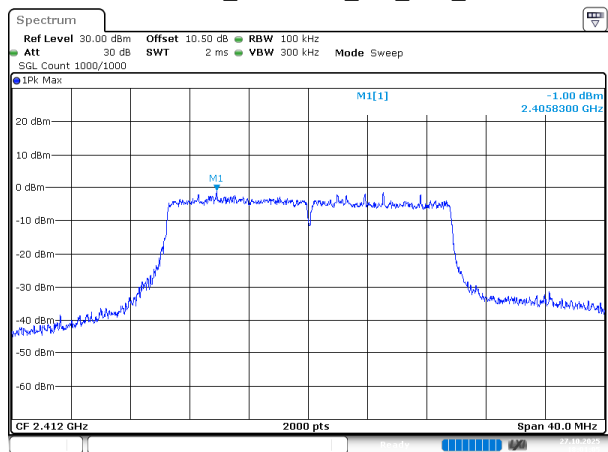
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Date: 27.OCT.2025 20:38:02

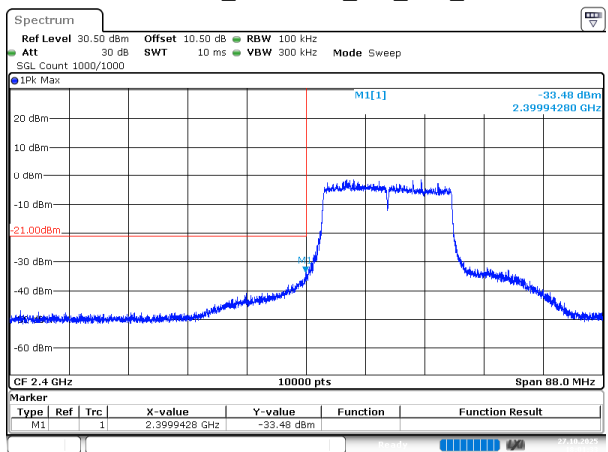
Chain 0

802.11ax he20_2412MHz_RU_Full_Chain 0



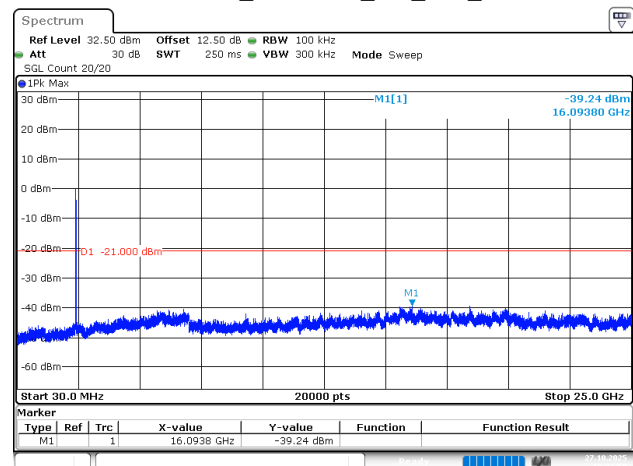
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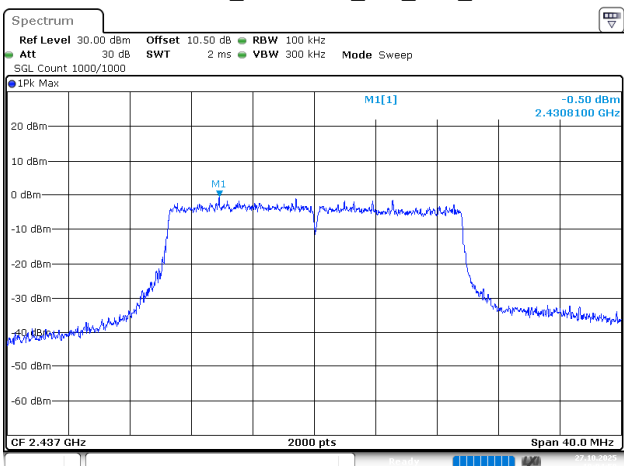
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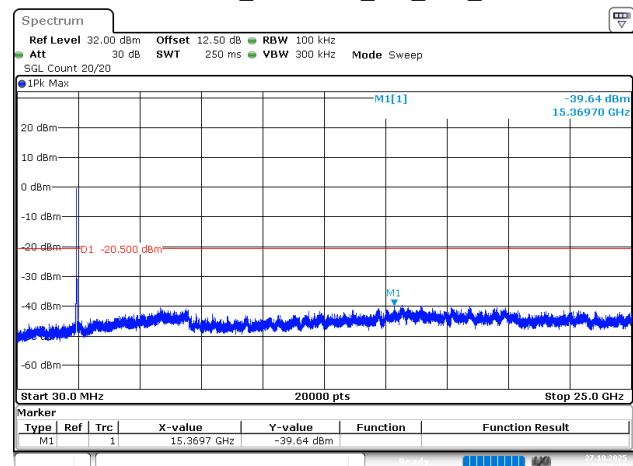
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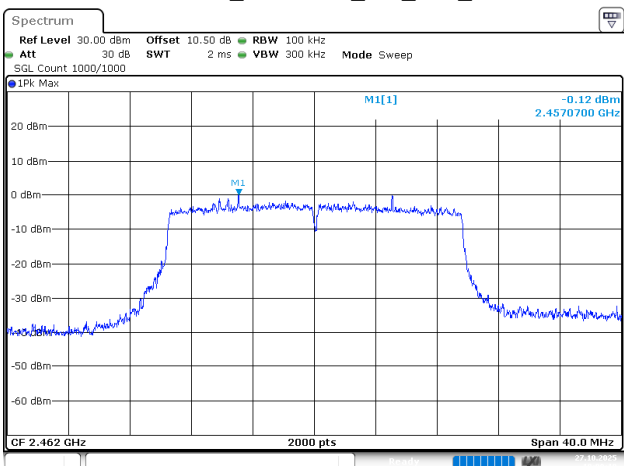
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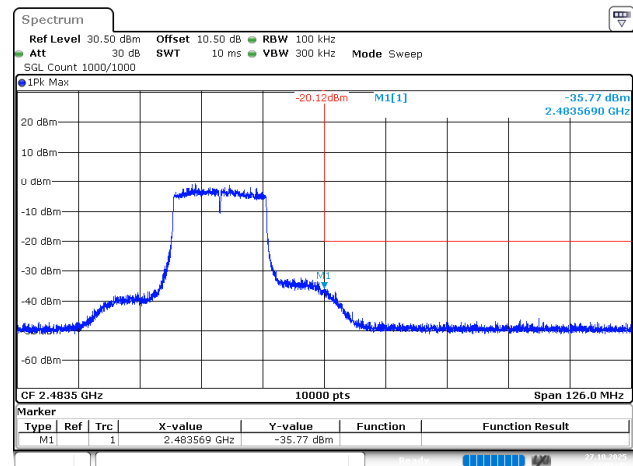
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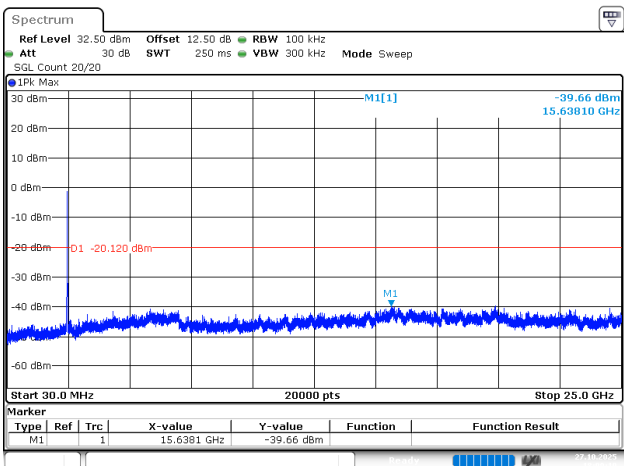
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Date: 27.OCT.2025 18:08:17

802.11ax he20_2462MHz_RU_Full_Chain 0



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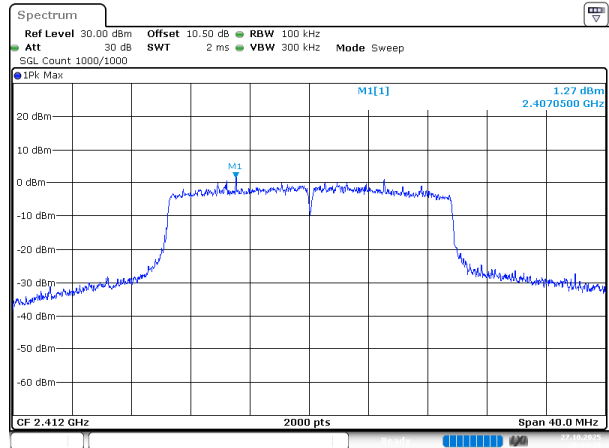
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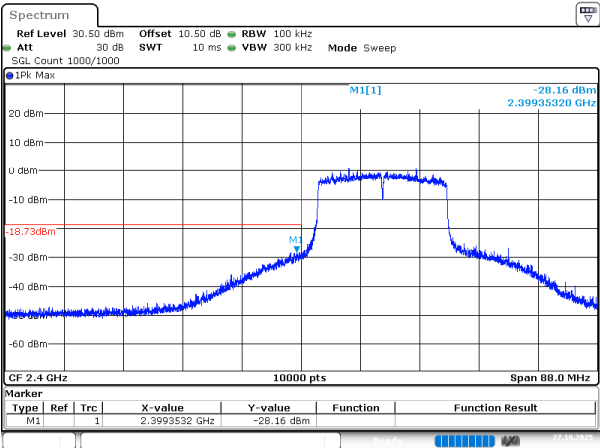
Chain 1

802.11ax he20_2412MHz_RU_Full_Chain 1



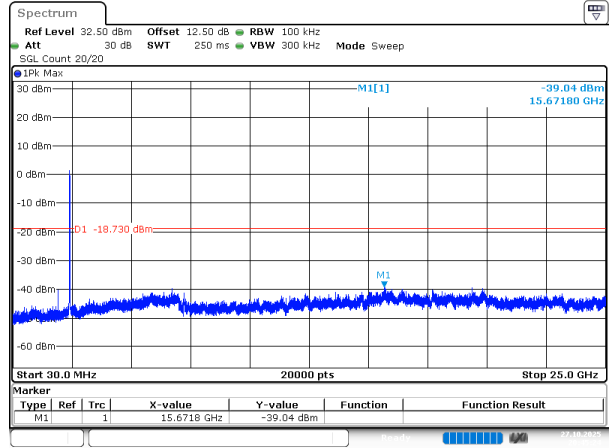
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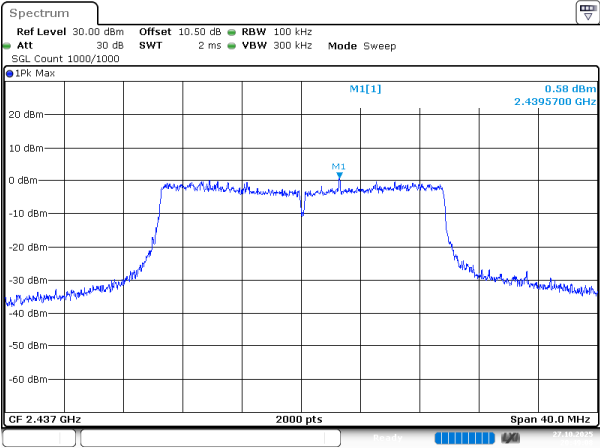
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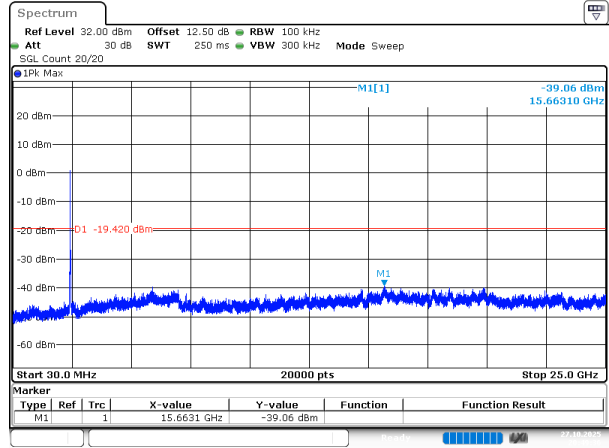
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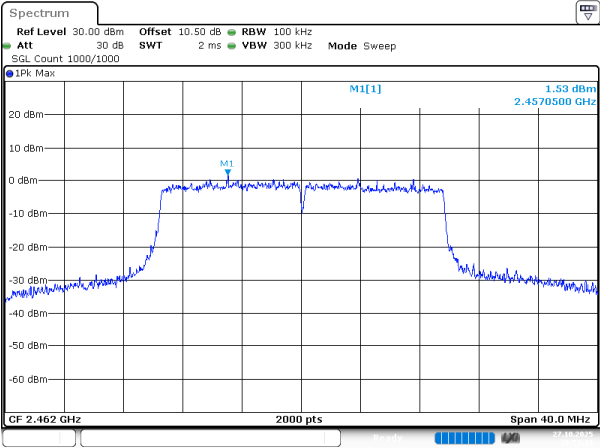
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Date: 27.OCT.2025 20:49:08

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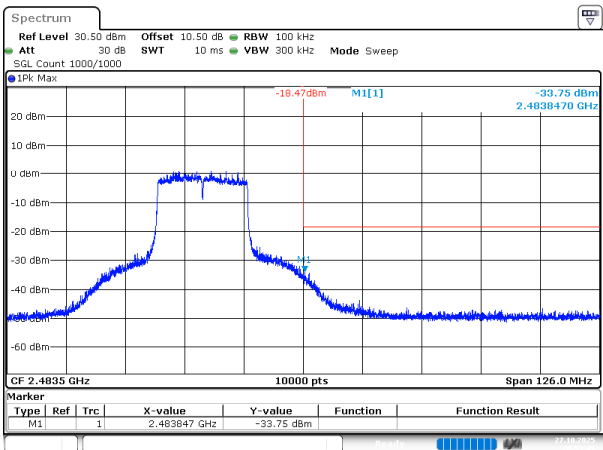
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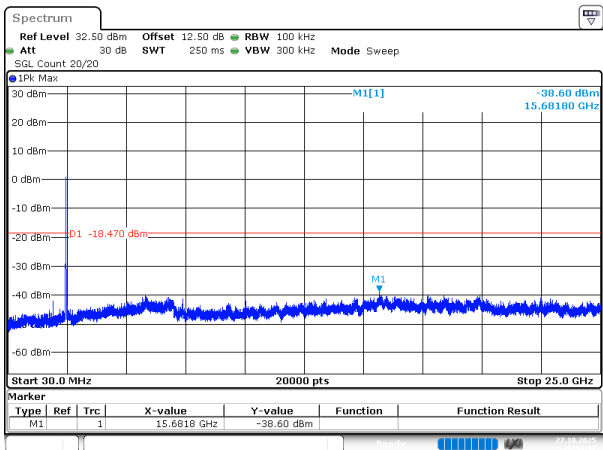
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Date: 27.OCT.2025 20:53:19

802.11ax he20_2462MHz_RU_Full_Chain 1



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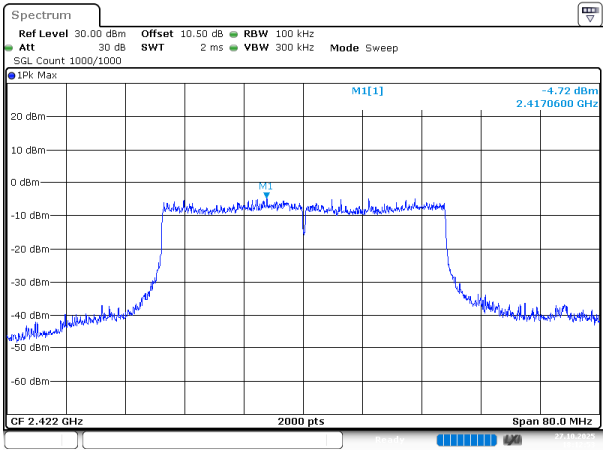
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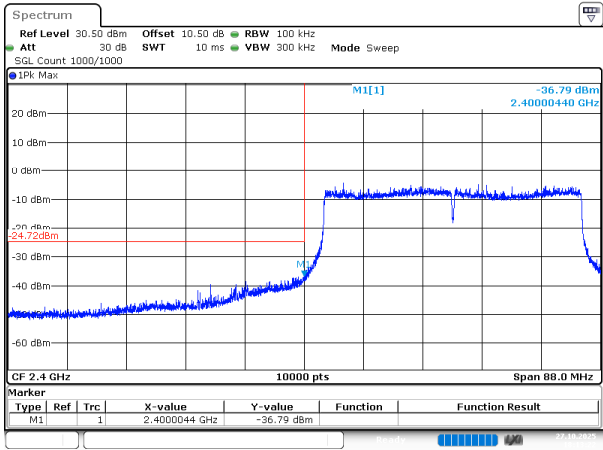
Chain 0

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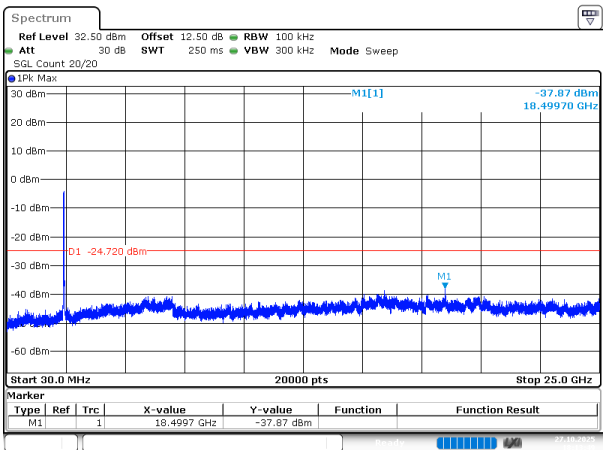
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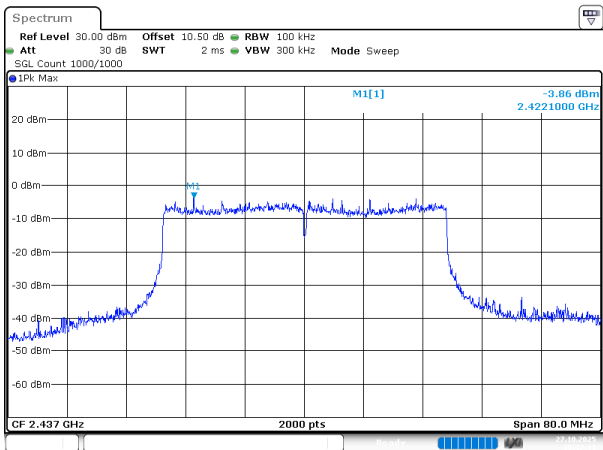
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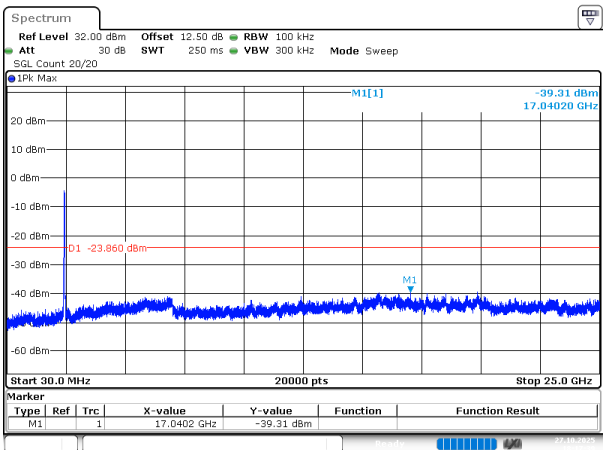
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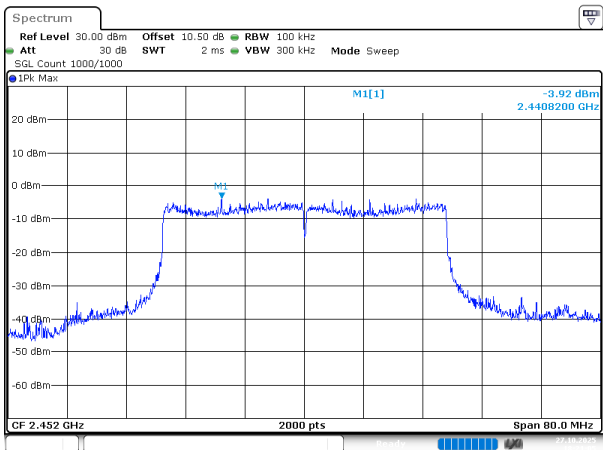
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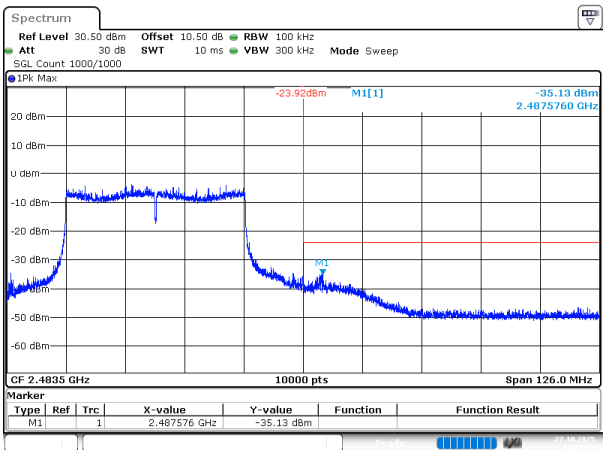
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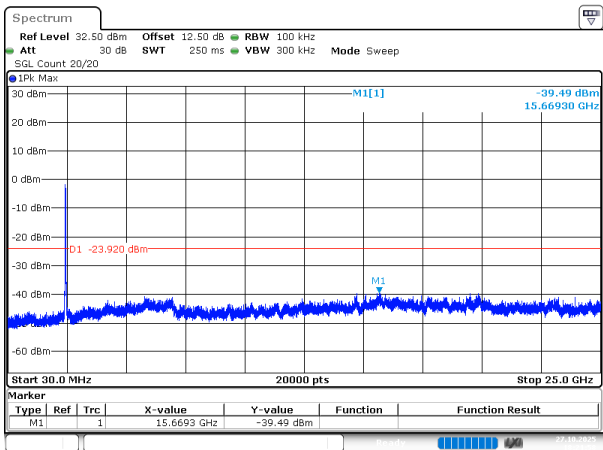
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Date: 27.OCT.2025 18:21:05

802.11ax he40_2452MHz_RU_Full_Chain 0



ProjectNo.:2502W36785E-RF Tester:Conor Fu
Date: 27.OCT.2025 18:21:32

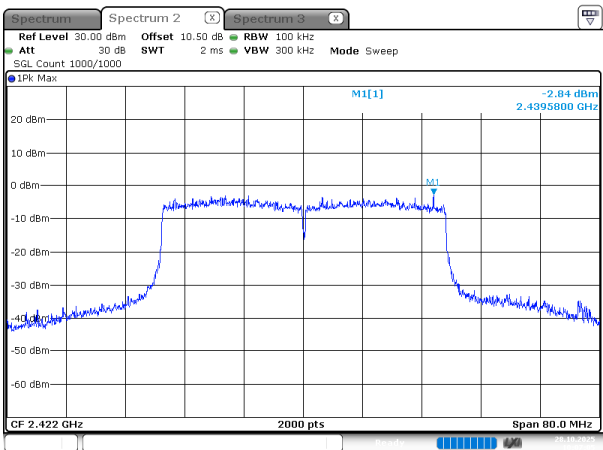
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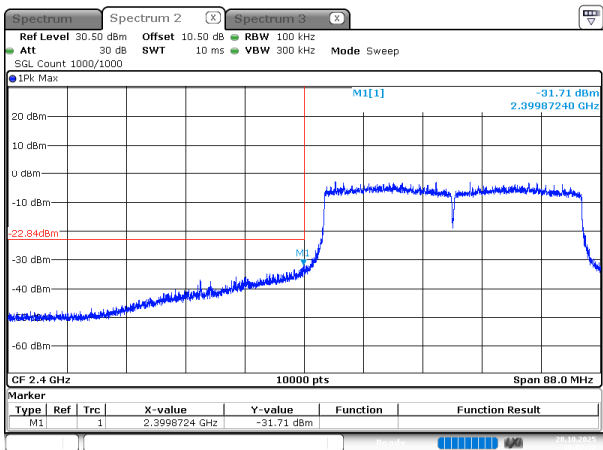
Chain 1

802.11ax he40_2422MHz_RU_Full_Chain 1



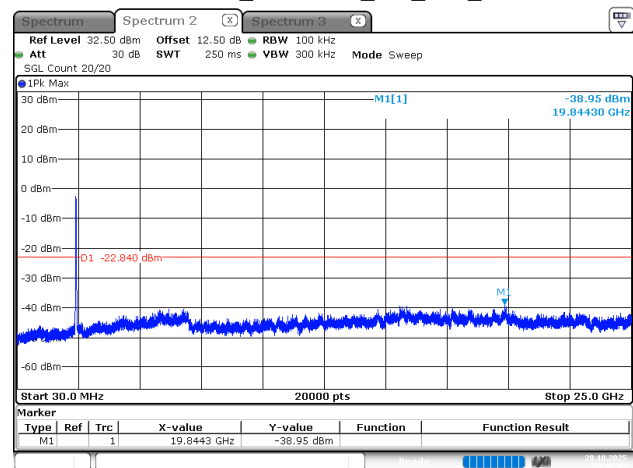
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Date: 28.OCT.2025 10:07:05

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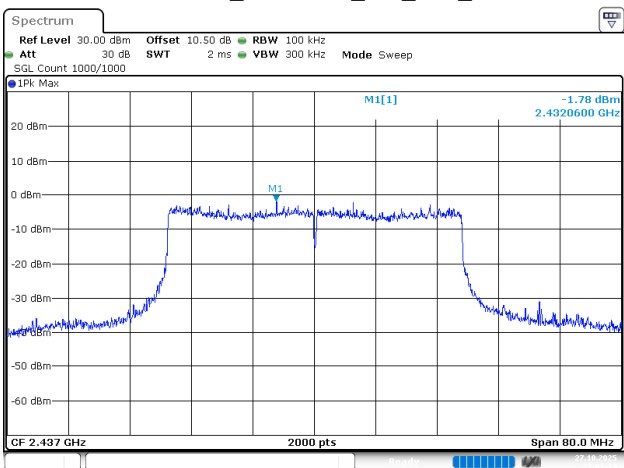
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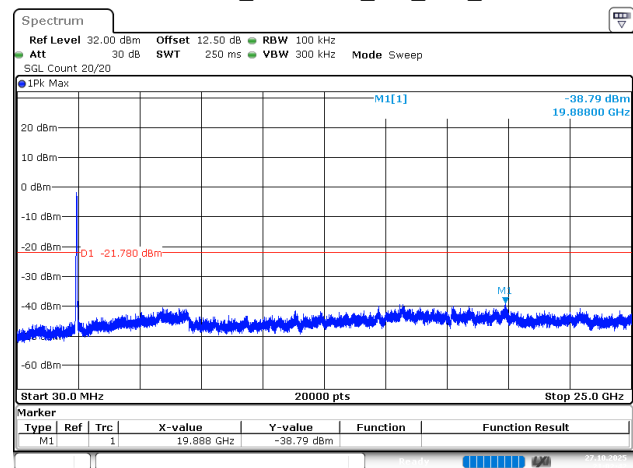
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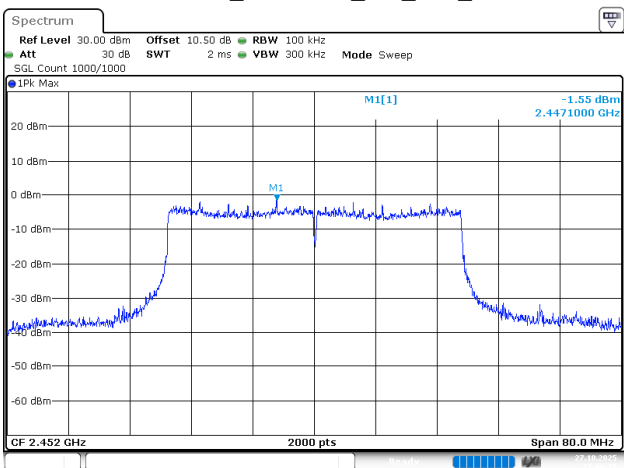
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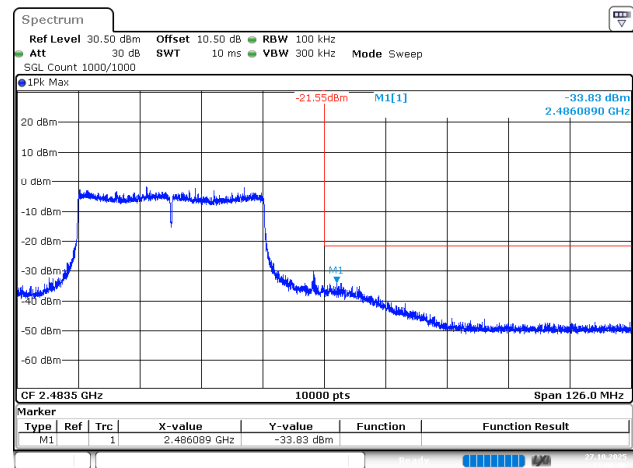
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802.11ax he40_2452MHz_RU_Full_Chain 1



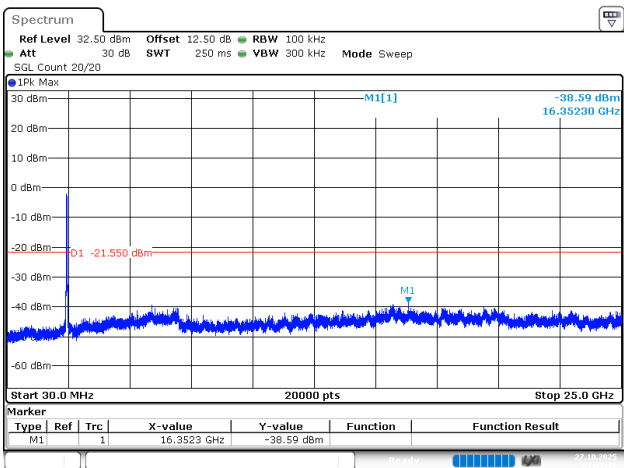
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Date: 27.OCT.2025 21:06:18

802.11ax he40_2452MHz_RU_Full_Chain 1



ProjectNo.:2502W36785E-RF Tester:Conor Fu
Date: 27.OCT.2025 21:06:47

802.11ax he40_2452MHz_RU_Full_Chain 1



ProjectNo.:2502W36785E-RF Tester:Conor Fu
Date: 27.OCT.2025 21:07:12

EXHIBIT A - EUT PHOTOGRAPHS

Please refer to the attachment 2502W36785E-RF-EXPEUT EXTERNAL PHOTOGRAPHS and 2502W36785E-RF-INPEUTINTERNAL PHOTOGRAPHS.

EXHIBIT B - TEST SETUP PHOTOGRAPHS

Please refer to the attachment 2502W36785E-RF-00A-TSPTEST SETUP PHOTOGRAPHS.

EXHIBIT C - RF EXPOSURE EVALUATION

Maximum Permissible Exposure (MPE)

Applicable Standard

According to subpart §1.1310, 15.247(i) and 15.407(f) systems operating under the provisions of this section shall be operated in a manner that ensures that the public is not exposed to radio frequency energy level in excess of the Commission's guidelines.

Limits for Maximum Permissible Exposure (MPE) (§1.1310, §2.1091)

(B) Limits for General Population/Uncontrolled Exposure				
Frequency Range (MHz)	Electric Field Strength (V/m)	Magnetic Field Strength (A/m)	Power Density (mW/cm ²)	Averaging Time (minutes)
0.3–1.34	614	1.63	*(100)	30
1.34–30	824/f	2.19/f	*(180/f ²)	30
30–300	27.5	0.073	0.2	30
300–1500	/	/	f/1500	30
1500–100,000	/	/	1.0	30

f = frequency in MHz; * = Plane-wave equivalent power density;

According to §1.1310 and §2.1091 RF exposure is calculated.

Calculation formula:

Prediction of power density at the distance of the applicable MPE limit

$S = PG/4\pi R^2$ = power density (in appropriate units, e.g., mW/cm²);

P = power input to the antenna (in appropriate units, e.g., mW);

G = power gain of the antenna in the direction of interest relative to an isotropic radiator, the power gain factor, is normally numeric gain;

R = distance to the center of radiation of the antenna (appropriate units, e.g., cm);

For simultaneously transmit system, the calculated power density should comply with:

$$\sum_i \frac{S_i}{S_{Limit,i}} \leq 1$$

Calculated Data:

Mode	Frequency Range (MHz)	Antenna Gain		Conducted Output Power including Tune-up Tolerance		Evaluation Distance (cm)	Power Density (mW/cm ²)	MPE Limit (mW/cm ²)
		(dBi)	(numeric)	(dBm)	(mW)			
2.4GHz WIFI	2412-2462	7.33	5.408	26.0	398.11	20	0.428	1.00
5GHz WIFI	5150-5250	7.54	5.675	23	199.53	20	0.225	1.00
	5250-5350	7.46	5.572	19.5	89.13	20	0.099	1.00
	5470-5725	7.69	5.875	19.3	85.11	20	0.100	1.00
	5725-5850	7.29	5.358	25	316.23	20	0.337	1.00
6GHz WIFI	5925-6425	7.59	5.741	21	125.89	20	0.144	1.00
	6425-6525	7.31	5.383	21	125.89	20	0.135	1.00
	6525-6875	8.00	6.310	20	100.00	20	0.126	1.00
	6875-7125	8.29	6.745	19	79.43	20	0.107	1.00

Note: The Conducted Output Power including Tune-up Tolerance was provided by manufacturer.

For Simultaneous transmission:

2.4GHz WIFI, 5GHz WIFI and 6GHz WIFI can transmit simultaneously:

$$\text{Sum Power Density} = \text{Seq}_{2.4\text{GHz WIFI}} / \text{Seq}_{2.4\text{GHz WIFI Limit}} + \text{Seq}_{5\text{GHz WIFI}} / \text{Seq}_{5\text{GHz WIFI Limit}} + \text{Seq}_{6\text{GHz WIFI}} / \text{Seq}_{6\text{GHz WIFI Limit}} = 0.910 < 1$$

So $\text{Sum}_{\text{Seq}} < 1.0$

Result: The device meets FCC MPE at 20 cm distance

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