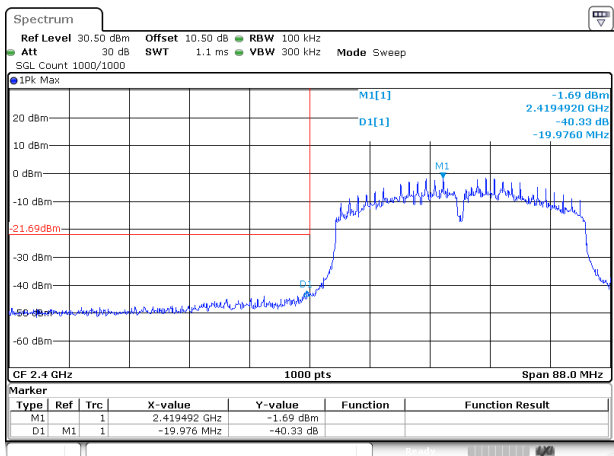
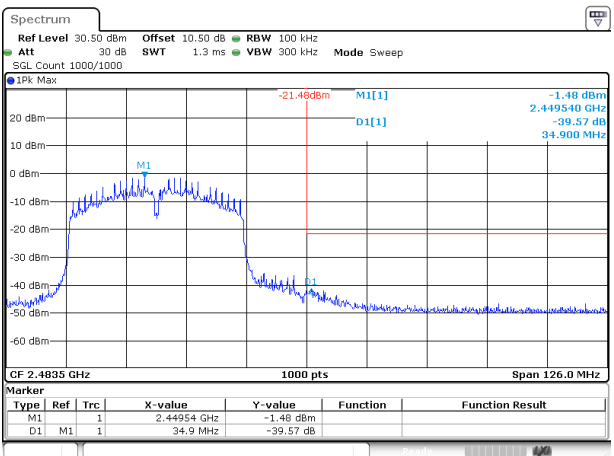


802.11n40_2422MHz



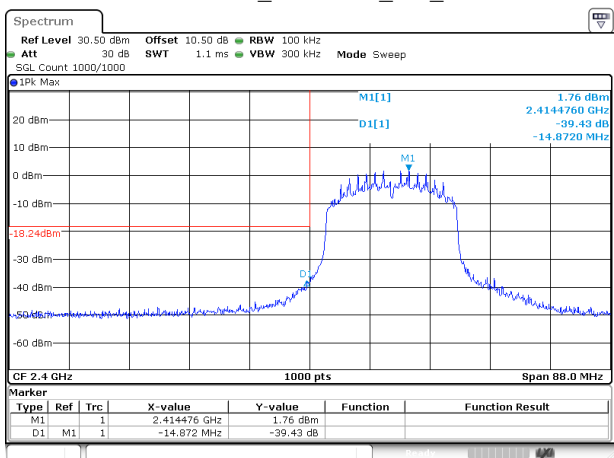
ProjectNo.:2501W74265E-RF Tester:Rainbow Zhu
Date: 1.SEP.2025 17:59:21

802.11n40_2452MHz



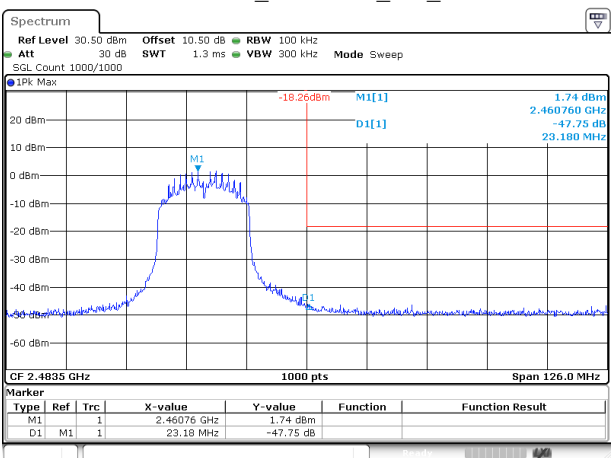
ProjectNo.:2501W74265E-RF Tester:Rainbow Zhu
Date: 1.SEP.2025 18:06:20

802.11ax20_2412MHz_RU_Full



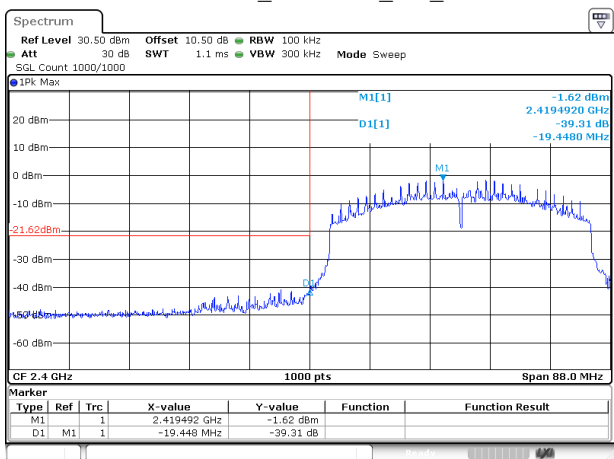
ProjectNo.:2501W74265E-RF Tester:Rainbow Zhu
Date: 1.SEP.2025 18:10:50

802.11ax20_2462MHz_RU_Full



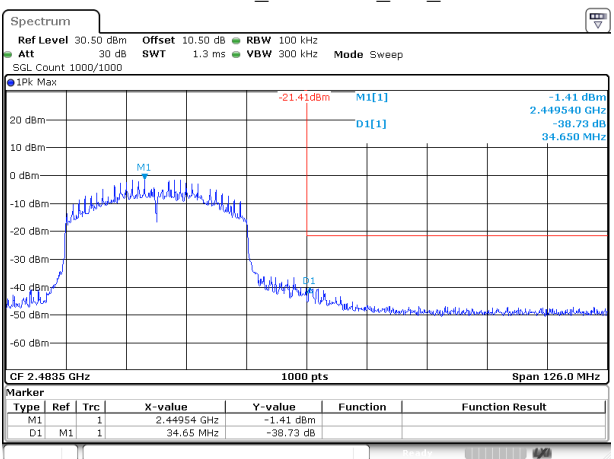
ProjectNo.:2501W74265E-RF Tester:Rainbow Zhu
Date: 1.SEP.2025 18:19:53

802.11ax40_2422MHz_RU_Full



ProjectNo.:2501W74265E-RF Tester:Rainbow Zhu
Date: 1.SEP.2025 18:23:20

802.11ax40_2452MHz_RU_Full



ProjectNo.:2501W74265E-RF Tester:Rainbow Zhu
Date: 1.SEP.2025 18:29:58

Duty Cycle**Test Information:**

Sample No.:	38L6-4	Test Date:	2025/09/01
Test Site:	RF	Test Mode:	Transmitting
Tester:	Rainbow Zhu	Test Result:	N/A

Environmental Conditions:

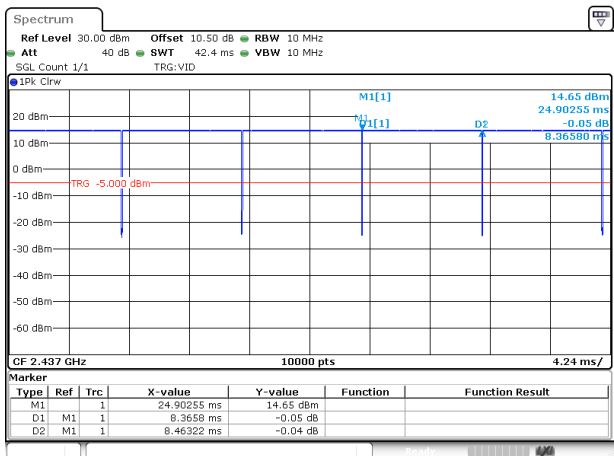
Temperature: (°C)	28.5	Relative Humidity: (%)	50	ATM Pressure: (kPa)	100.1
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Test Data:

Mode	Test Frequency (MHz)	Ton (ms)	Ton+Toff (ms)	Duty Cycle (%)	Duty Cycle Factor(dB)	1/Ton (Hz)	VBW Setting (kHz)
802.11b	2437	8.366	8.463	98.85	/	/	0.010
802.11g	2437	1.379	1.398	98.64	/	/	0.010
802.11n20	2437	0.162	0.170	95.29	0.21	6173	10
802.11n40	2437	0.099	0.104	95.19	0.21	10101	15
802.11ax20_RU_Full	2437	0.159	0.170	93.53	0.29	6289	10
802.11ax40_RU_Full	2437	0.101	0.111	90.99	0.41	9901	10

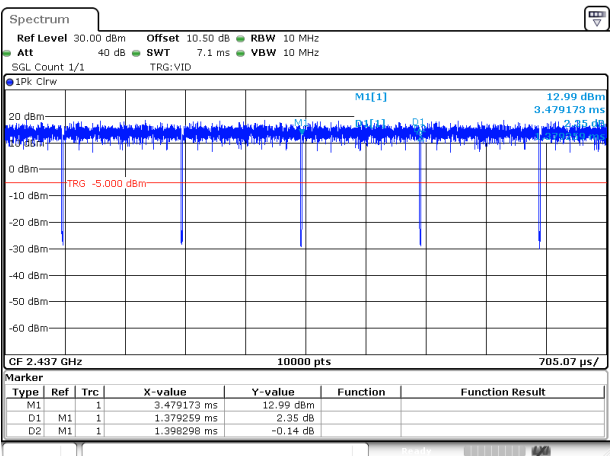
Duty Cycle = Ton/(Ton+Toff)*100%

802.11b_2437MHz



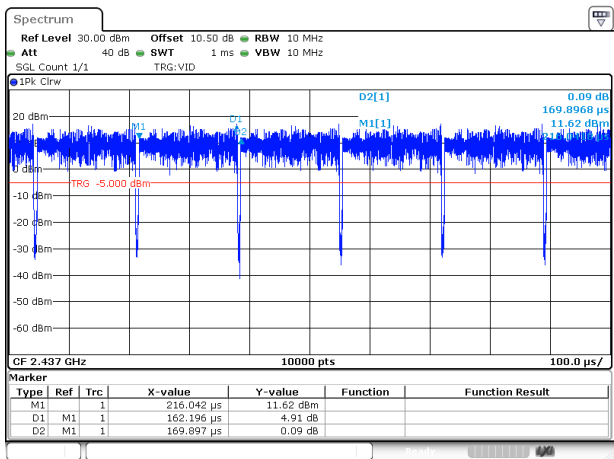
ProjectNo.:2501W74265E-RF Tester:Rainbow Zhu
Date: 1.SEP.2025 17:01:25

802.11g_2437MHz



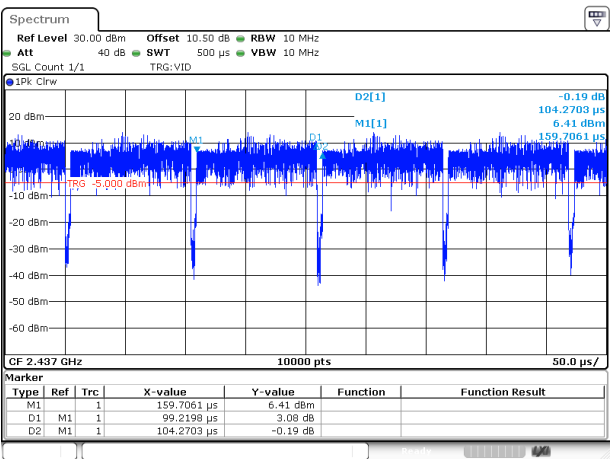
ProjectNo.:2501W74265E-RF Tester:Rainbow Zhu
Date: 1.SEP.2025 17:02:07

802.11n20_2437MHz



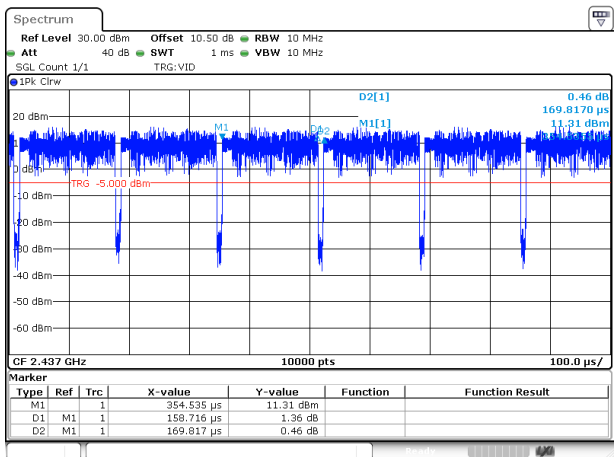
ProjectNo.:2501W74265E-RF Tester:Rainbow Zhu
Date: 1.SEP.2025 17:03:44

802.11n40_2437MHz



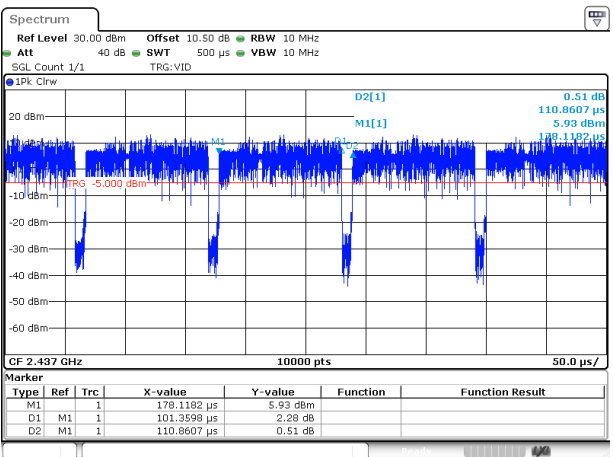
ProjectNo.:2501W74265E-RF Tester:Rainbow Zhu
Date: 1.SEP.2025 17:05:26

802.11ax20_2437MHz_RU_Full



ProjectNo.:2501W74265E-RF Tester:Rainbow Zhu
Date: 1.SEP.2025 17:06:39

802.11ax40_2437MHz_RU_Full



ProjectNo.:2501W74265E-RF Tester:Rainbow Zhu
Date: 1.SEP.2025 17:08:18

Conducted Spurious Emission

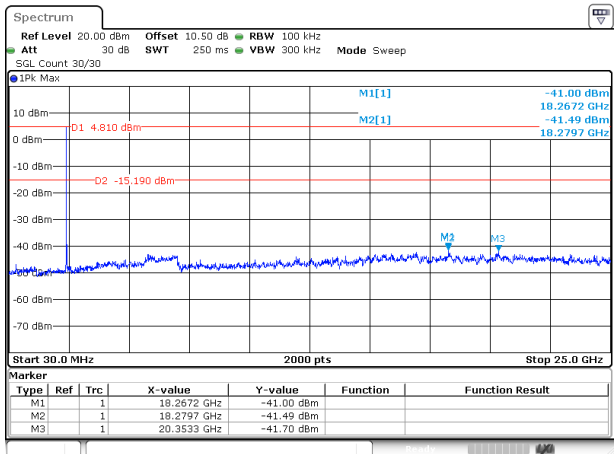
Test Information:

Sample No.:	38L6-4	Test Date:	2025/09/01
Test Site:	RF	Test Mode:	Transmitting
Tester:	Rainbow Zhu	Test Result:	Pass

Environmental Conditions:

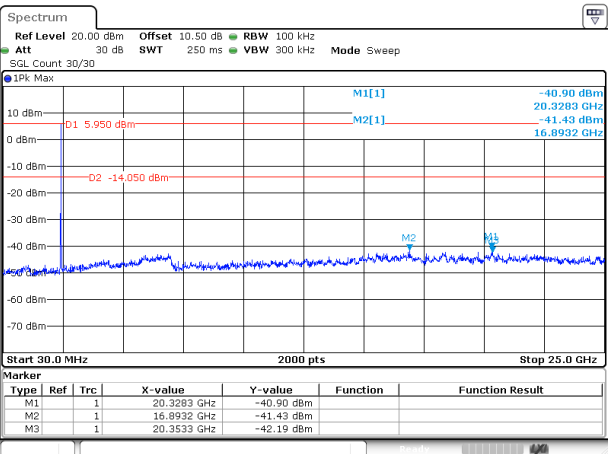
Temperature: (°C)	28.5	Relative Humidity: (%)	50	ATM Pressure: (kPa)	100.1
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802.11b_2412MHz



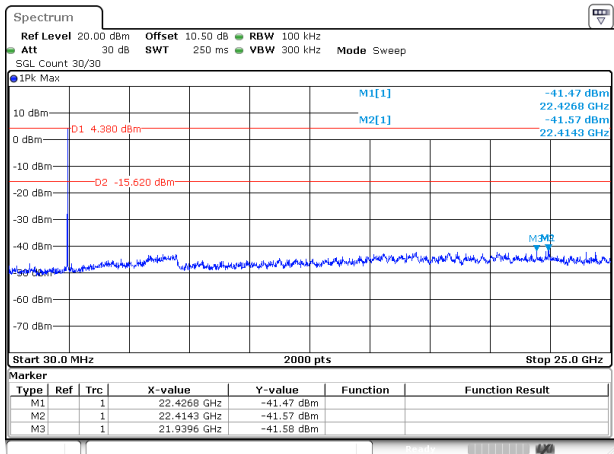
ProjectNo.:2501W74265E-RF Tester:Rainbow Zhu
Date: 1.SEP.2025 17:13:24

802.11b_2437MHz



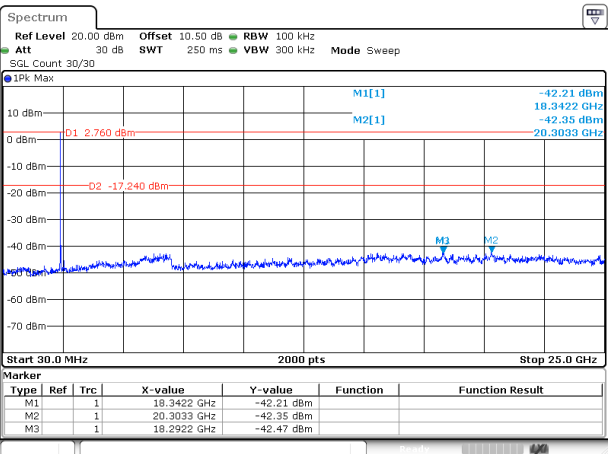
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Date: 1.SEP.2025 18:35:15

802.11b_2462MHz



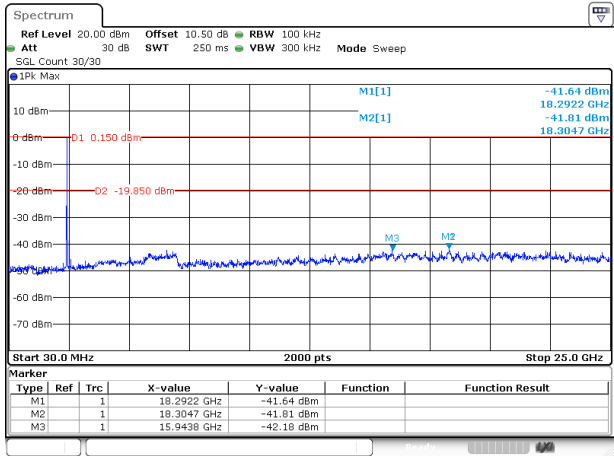
ProjectNo.:2501W74265E-RF Tester:Rainbow Zhu
Date: 1.SEP.2025 17:19:43

802.11g_2412MHz



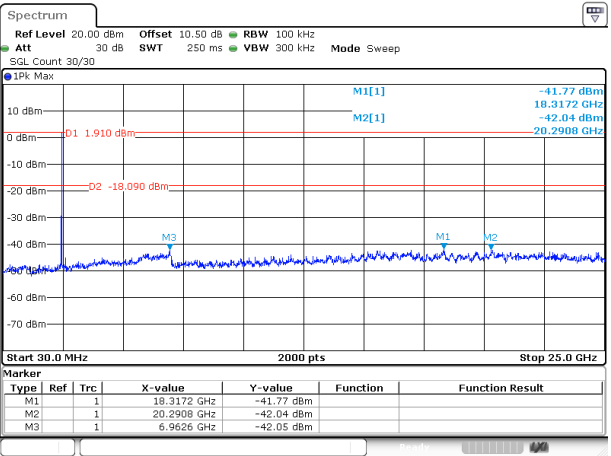
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Date: 1.SEP.2025 17:23:54

802.11g_2437MHz



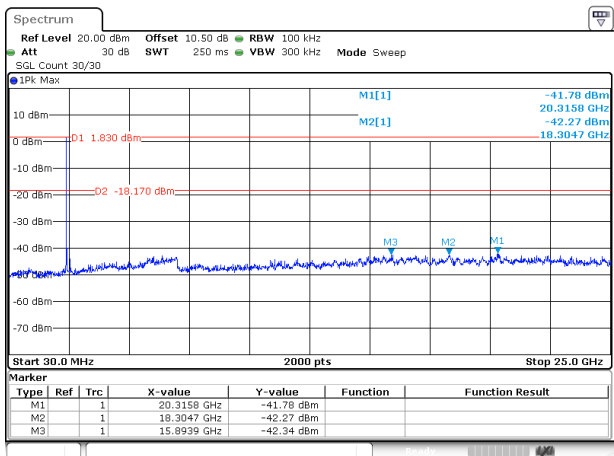
ProjectNo.:2501W74265E-RF Tester:Rainbow Zhu
Date: 1.SEP.2025 18:36:21

802.11g_2462MHz



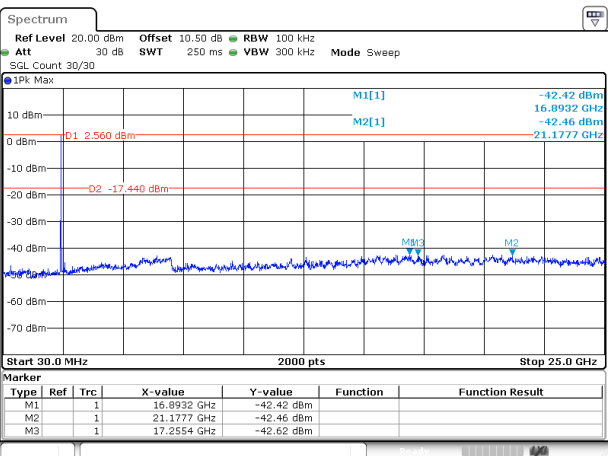
ProjectNo.:2501W74265E-RF Tester:Rainbow Zhu
Date: 1.SEP.2025 17:31:15

802.11n20_2412MHz



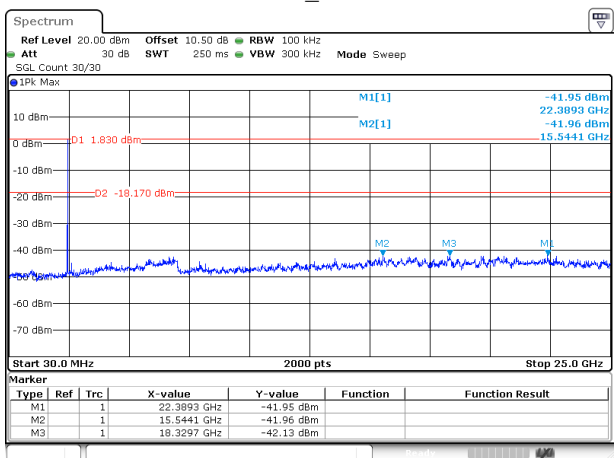
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Date: 1.SEP.2025 18:37:28

802.11n20_2437MHz



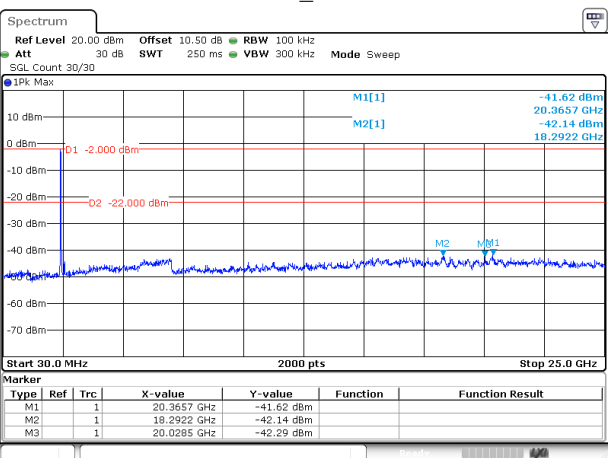
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Date: 1.SEP.2025 18:38:29

802.11n20_2462MHz



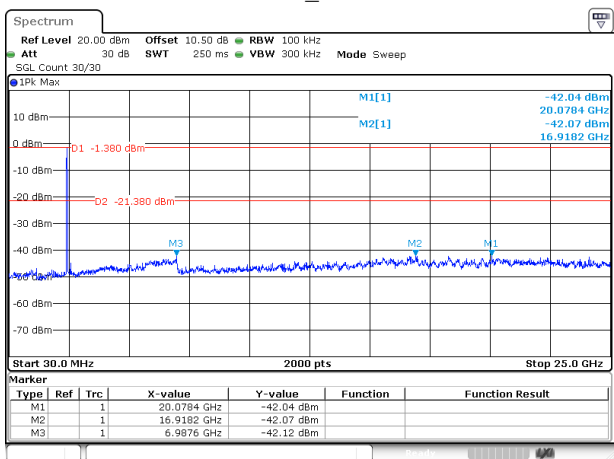
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Date: 1.SEP.2025 18:39:29

802.11n40_2422MHz



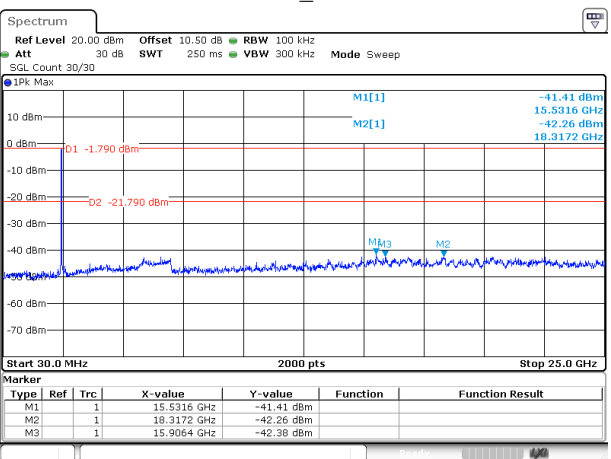
ProjectNo.:2501W74265E-RF Tester:Rainbow Zhu
Date: 1.SEP.2025 18:40:34

802.11n40_2437MHz



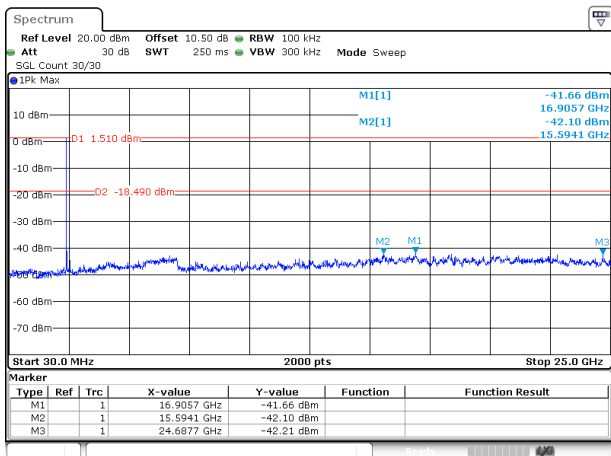
ProjectNo.:2501W74265E-RF Tester:Rainbow Zhu
Date: 1.SEP.2025 18:41:31

802.11n40_2452MHz



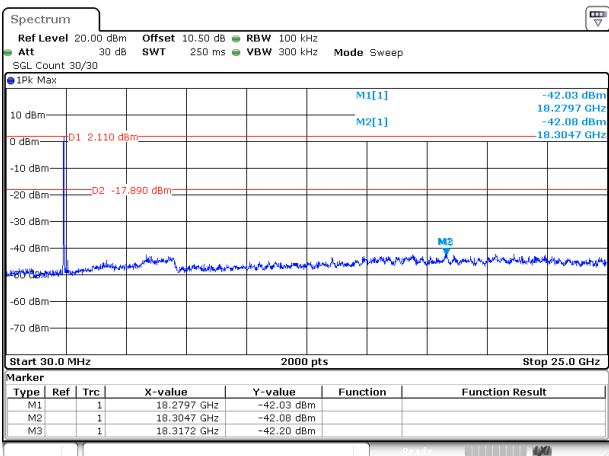
ProjectNo.:2501W74265E-RF Tester:Rainbow Zhu
Date: 1.SEP.2025 18:07:11

802.11ax20_2412MHz_RU_Full



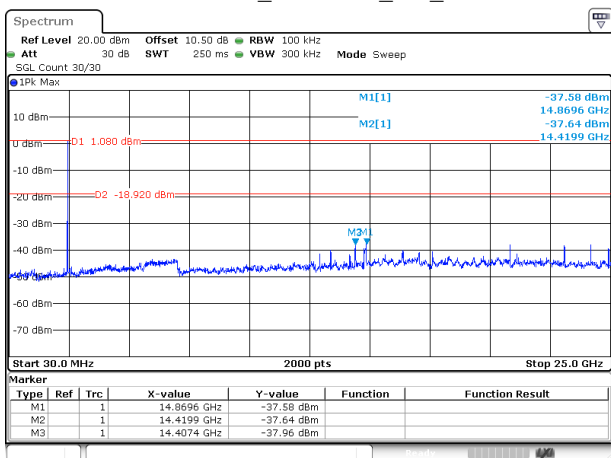
ProjectNo.:2501W74265E-RF Tester:Rainbow Zhu
Date: 1.SEP.2025 18:11:40

802.11ax20_2437MHz_RU_Full



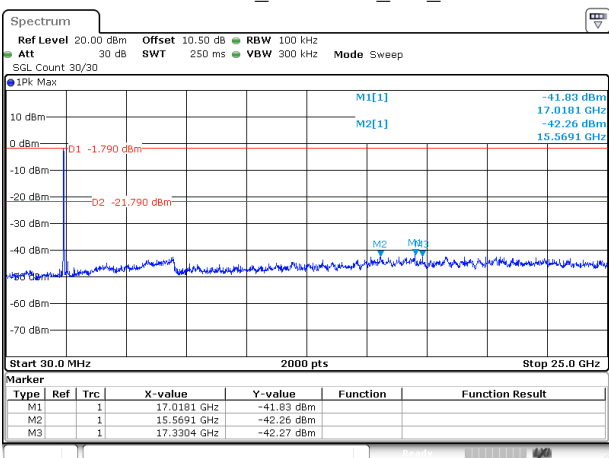
ProjectNo.:2501W74265E-RF Tester:Rainbow Zhu
Date: 1.SEP.2025 18:42:44

802.11ax20_2462MHz_RU_Full



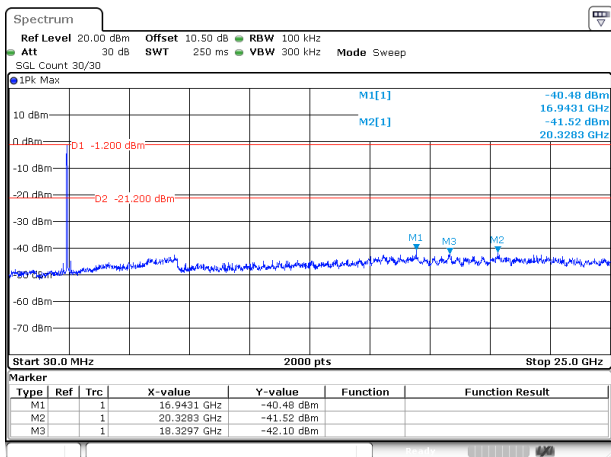
ProjectNo.:2501W74265E-RF Tester:Rainbow Zhu
Date: 1.SEP.2025 18:44:17

802.11ax40_2422MHz_RU_Full



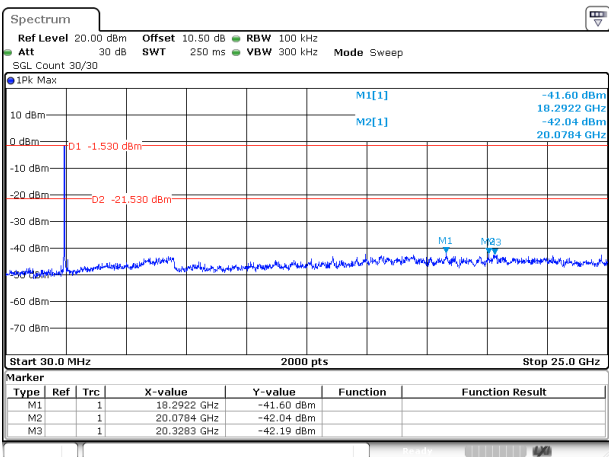
ProjectNo.:2501W74265E-RF Tester:Rainbow Zhu
Date: 1.SEP.2025 18:24:10

802.11ax40_2437MHz_RU_Full



ProjectNo.:2501W74265E-RF Tester:Rainbow Zhu
Date: 1.SEP.2025 18:45:44

802.11ax40_2452MHz_RU_Full



ProjectNo.:2501W74265E-RF Tester:Rainbow Zhu
Date: 1.SEP.2025 18:30:48

RF EXPOSURE EVALUATION

MPE-Based Exemption

Applicable Standard

According to subpart 15.247 (i) and 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	$0.0128 R^2f$.
1,500-100,000	$19.2R^2$.

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 (W)
			(dBi)	(dBd)	(dBm)	(W)		
BLE	2402-2480	5.0	2.02	-0.13	4.87	0.003	0.2	0.768
Wi-Fi	2412-2462	21.0	2.02	-0.13	20.87	0.122	0.2	0.768

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

Note 2: The BLE can't transmit with the Wi-Fi at the same time.

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.

Test Result:

Mode	Frequency	Gain [#]	Max tune-up conducted power [#]	Max tune-up EIRP [#]	Max tune-up EIRP [#]	Distance	Exemption Limit	Evaluation Exemption
	(MHz)	(dBi)	(dBm)	(dBm)	(mW)	(mm)	(mW)	
BLE	2402-2480	2.02	5.0	7.02	5.04	20	2676.42	Yes
Wi-Fi	2412-2462	2.02	21.0	23.02	200.45	20	2684.03	Yes

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

Note 2: The BLE can't transmit with the Wi-Fi at the same time.

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

Result: Compliant

EUT PHOTOGRAPHS

Please refer to the attachment 2501W74265E-RF-EXP External photo and 2501W74265E-RF-INP Internal photo.

TEST SETUP PHOTOGRAPHS

Please refer to the attachment 2501W74265E-RF-TSP Test Setup photo.

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