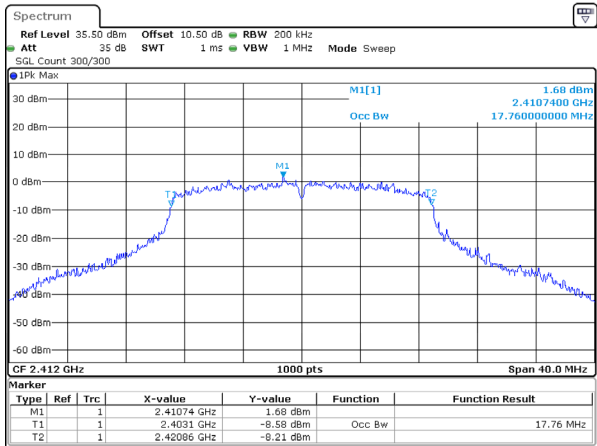
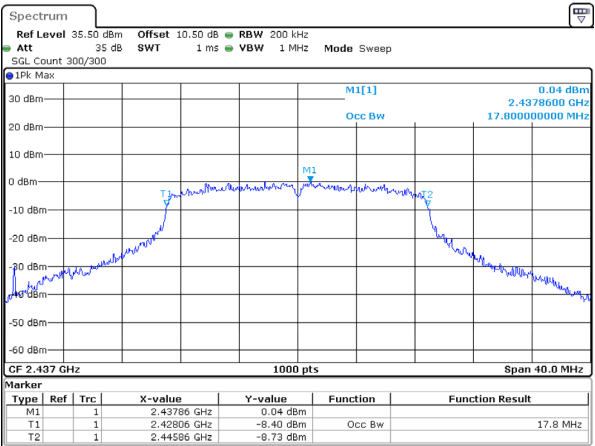


802.11n20_2412MHz



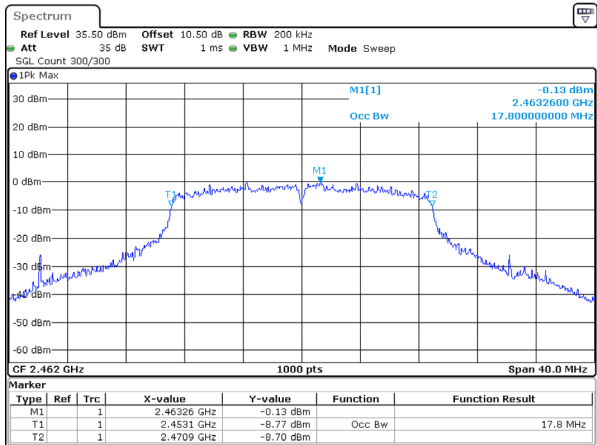
ProjectNo.:2501S52431E-RF Tester:Cheeb Huang
Date: 21.APR.2025 18:09:14

802.11n20_2437MHz



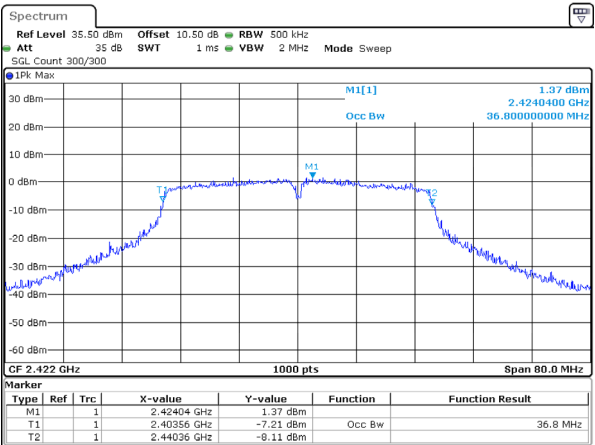
ProjectNo.:2501S52431E-RF Tester:Cheeb Huang
Date: 21.APR.2025 18:13:40

802.11n20_2462MHz



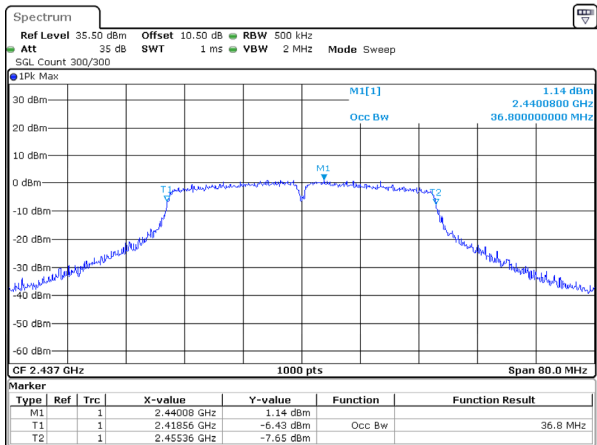
ProjectNo.:2501S52431E-RF Tester:Cheeb Huang
Date: 21.APR.2025 18:16:46

802.11n40_2422MHz



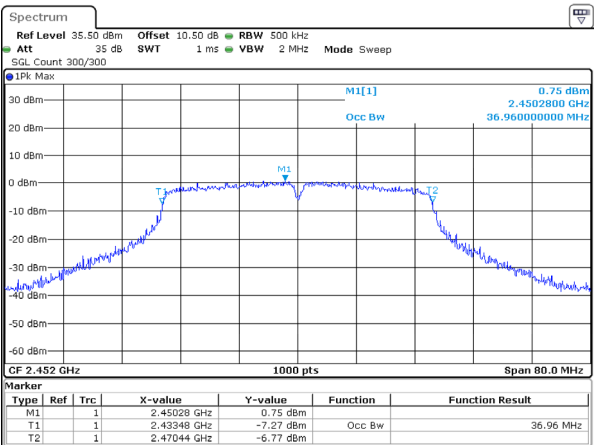
ProjectNo.:2501S52431E-RF Tester:Cheeb Huang
Date: 21.APR.2025 18:19:30

802.11n40_2437MHz



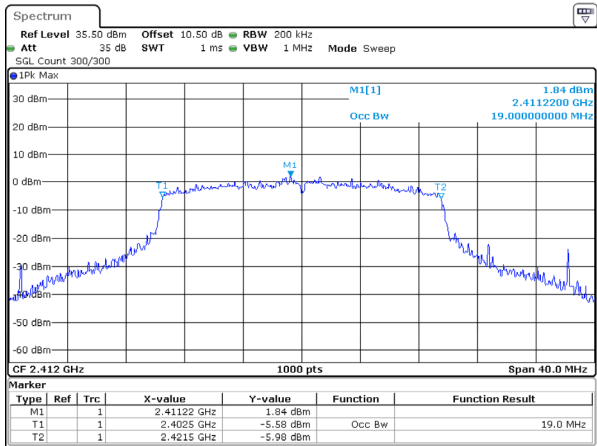
ProjectNo.:2501S52431E-RF Tester:Cheeb Huang
Date: 21.APR.2025 18:23:16

802.11n40_2452MHz



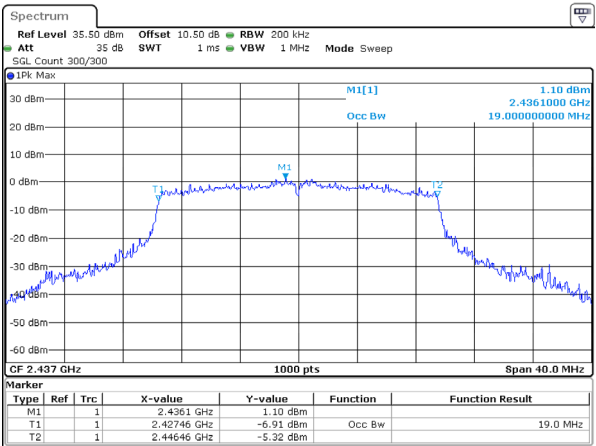
ProjectNo.:2501S52431E-RF Tester:Cheeb Huang
Date: 21.APR.2025 18:28:43

802.11ax20_2412MHz_RU_Full



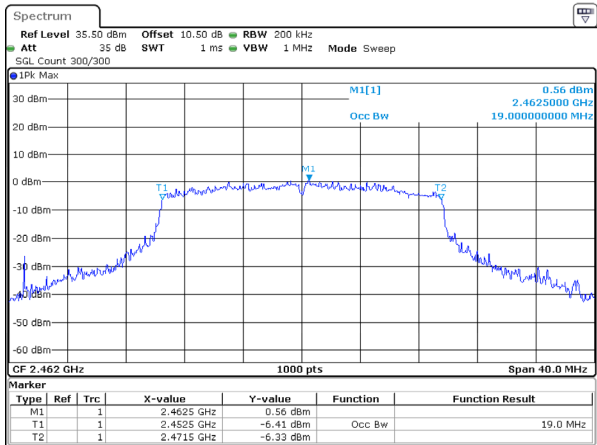
ProjectNo.:2501S52431E-RF Tester:Cheeb Huang
Date: 21.APR.2025 18:33:59

802.11ax20_2437MHz_RU_Full



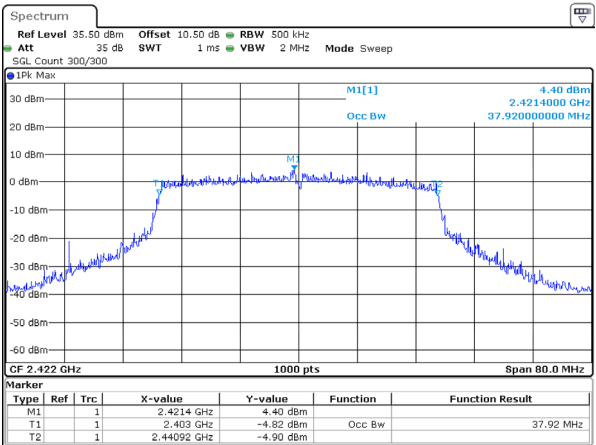
ProjectNo.:2501S52431E-RF Tester:Cheeb Huang
Date: 21.APR.2025 18:37:18

802.11ax20_2462MHz_RU_Full



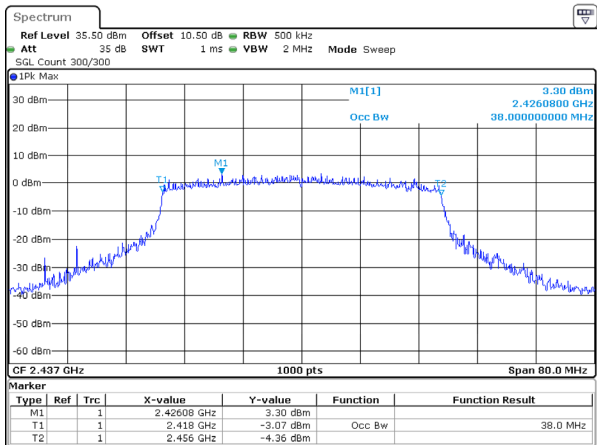
ProjectNo.:2501S52431E-RF Tester:Cheeb Huang
Date: 21.APR.2025 18:40:31

802.11ax40_2422MHz_RU_Full



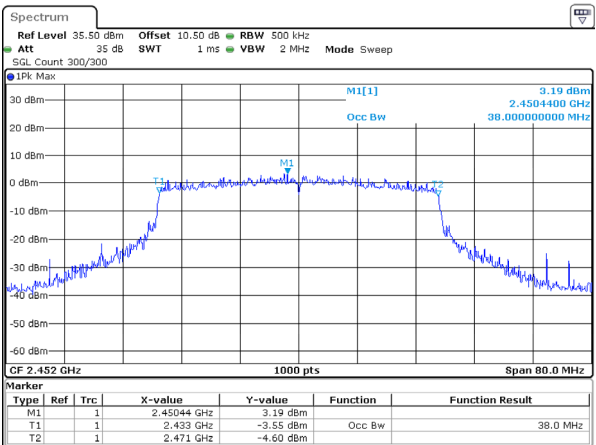
ProjectNo.:2501S52431E-RF Tester:Cheeb Huang
Date: 21.APR.2025 18:43:41

802.11ax40_2437MHz_RU_Full



ProjectNo.:2501S52431E-RF Tester:Cheeb Huang
Date: 21.APR.2025 18:47:24

802.11ax40_2452MHz_RU_Full



ProjectNo.:2501S52431E-RF Tester:Cheeb Huang
Date: 21.APR.2025 18:50:56

Maximum Conducted Output Power**Test Information:**

Sample No.:	314H-1	Test Date:	2025/04/21
Test Site:	RF	Test Mode:	Transmitting
Tester:	Cheeb Huang	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	24.5	Relative Humidity: (%)	46	ATM Pressure: (kPa)	101
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Test Data:

Mode	Test Frequency (MHz)	Peak Output Power(dBm)	Average Output Power(dBm)	Limit (dBm)	Verdict
802.11b	2412	13.25	10.06	30	Pass
	2437	13.27	10.08	30	Pass
	2462	13.34	10.14	30	Pass
802.11g	2412	16.99	9.51	30	Pass
	2437	16.45	9.06	30	Pass
	2462	15.39	7.66	30	Pass
802.11n20	2412	18.52	11.16	30	Pass
	2437	18.01	10.75	30	Pass
	2462	17.61	10.25	30	Pass
802.11n40	2422	18.12	10.93	30	Pass
	2437	17.92	10.63	30	Pass
	2452	17.59	10.26	30	Pass
802.11ax20_RU_Full	2412	18.89	11.14	30	Pass
	2437	18.43	10.54	30	Pass
	2462	18.09	10.18	30	Pass
802.11ax40_RU_Full	2422	18.67	10.88	30	Pass
	2437	18.43	10.42	30	Pass
	2452	18.20	10.23	30	Pass

Power Spectral Density

Test Information:

Sample No.:	314H-1	Test Date:	2025/04/21
Test Site:	RF	Test Mode:	Transmitting
Tester:	Cheeb Huang	Test Result:	Pass

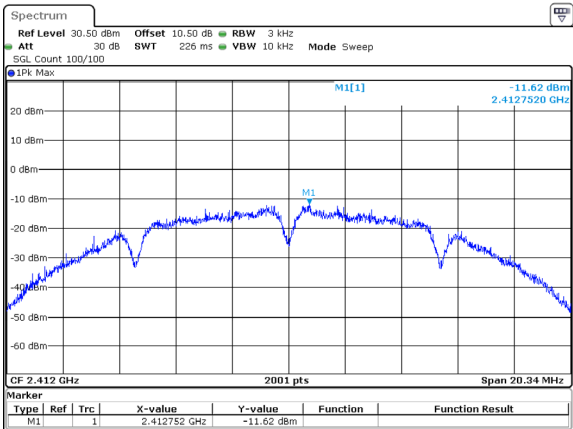
Environmental Conditions:

Temperature: (°C)	24.5	Relative Humidity: (%)	46	ATM Pressure: (kPa)	101
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Test Data:

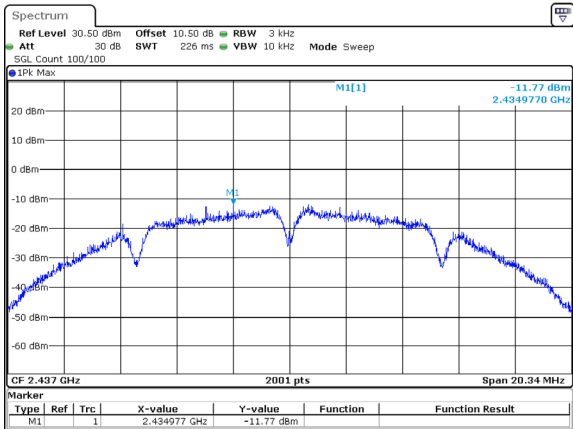
Mode	Test Frequency (MHz)	Result (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
802.11b	2412	-11.62	8	Pass
	2437	-11.77	8	Pass
	2462	-12.03	8	Pass
802.11g	2412	-14.40	8	Pass
	2437	-15.36	8	Pass
	2462	-15.24	8	Pass
802.11n20	2412	-13.28	8	Pass
	2437	-12.35	8	Pass
	2462	-13.60	8	Pass
802.11n40	2422	-15.81	8	Pass
	2437	-16.12	8	Pass
	2452	-16.98	8	Pass
802.11ax20_RU_Full	2412	-14.26	8	Pass
	2437	-13.38	8	Pass
	2462	-14.36	8	Pass
802.11ax40_RU_Full	2422	-17.00	8	Pass
	2437	-16.19	8	Pass
	2452	-16.85	8	Pass

802.11b_2412MHz



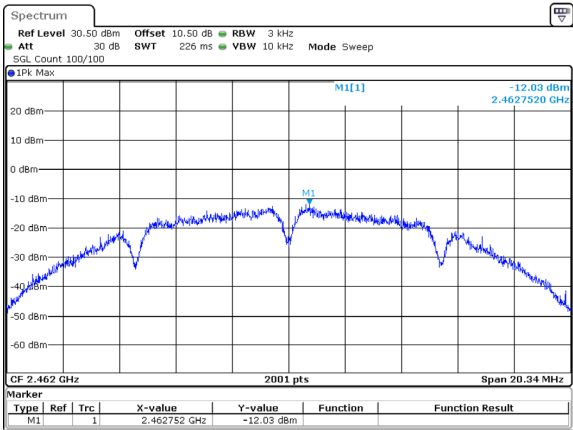
ProjectNo.:2501S52431E-RF Tester:Cheeb Huang
Date: 21.APR.2025 17:39:20

802.11b_2437MHz



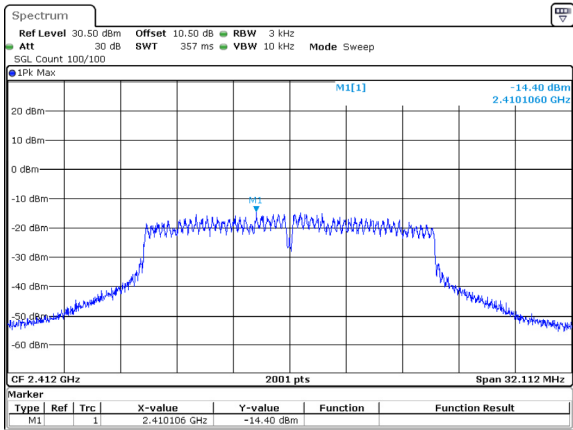
ProjectNo.:2501S52431E-RF Tester:Cheeb Huang
Date: 21.APR.2025 17:52:59

802.11b_2462MHz



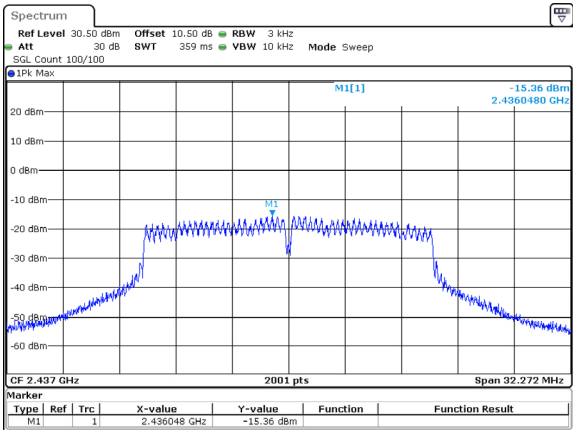
ProjectNo.:2501S52431E-RF Tester:Cheeb Huang
Date: 21.APR.2025 17:55:41

802.11g_2412MHz



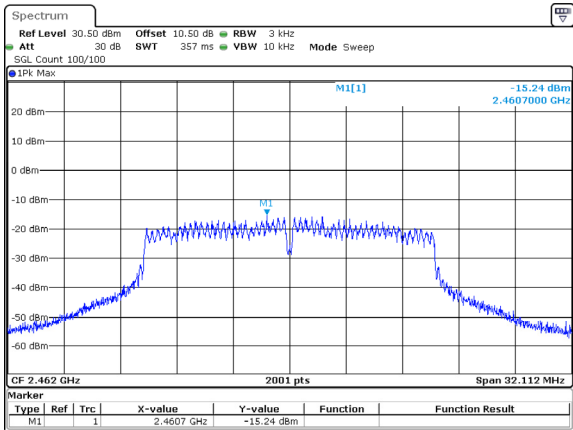
ProjectNo.:2501S52431E-RF Tester:Cheeb Huang
Date: 21.APR.2025 18:00:36

802.11g_2437MHz



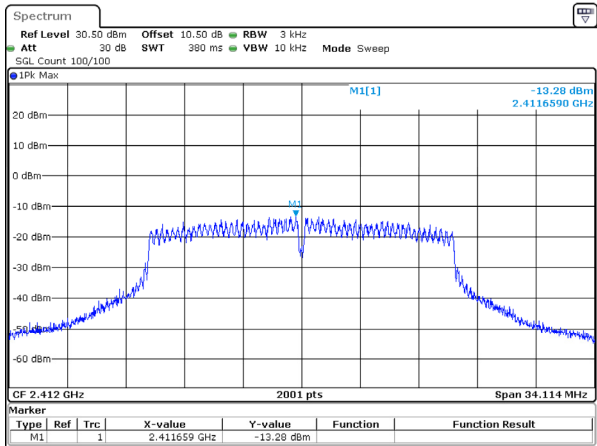
ProjectNo.:2501S52431E-RF Tester:Cheeb Huang
Date: 21.APR.2025 18:03:43

802.11g_2462MHz



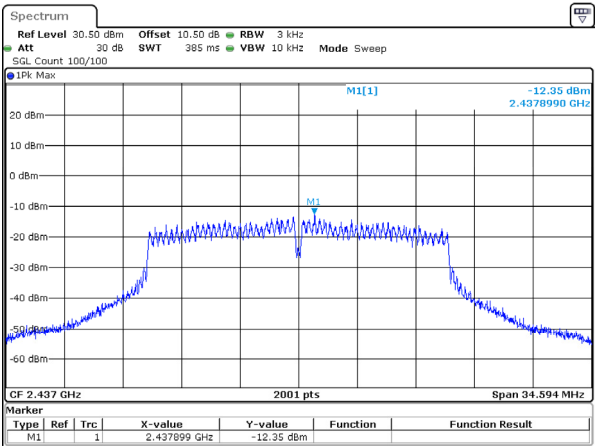
ProjectNo.:2501S52431E-RF Tester:Cheeb Huang
Date: 21.APR.2025 18:06:53

802.11n20_2412MHz



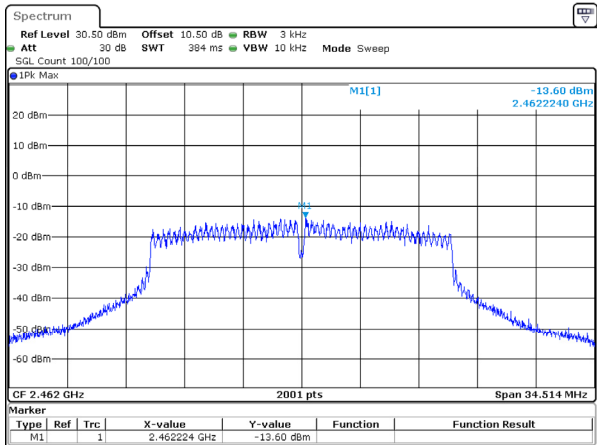
ProjectNo.:2501S52431E-RF Tester:Cheeb Huang
Date: 21.APR.2025 18:10:49

802.11n20_2437MHz



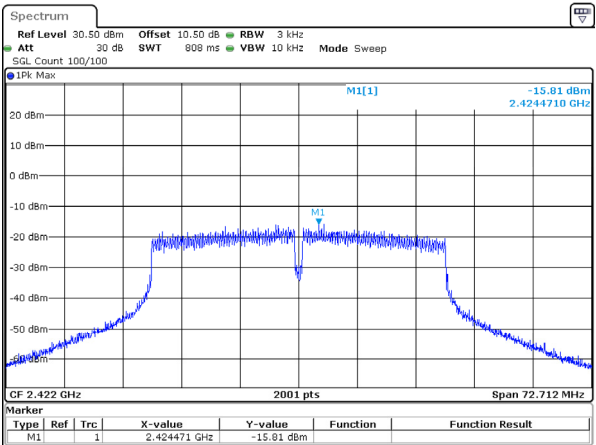
ProjectNo.:2501S52431E-RF Tester:Cheeb Huang
Date: 21.APR.2025 18:14:55

802.11n20_2462MHz



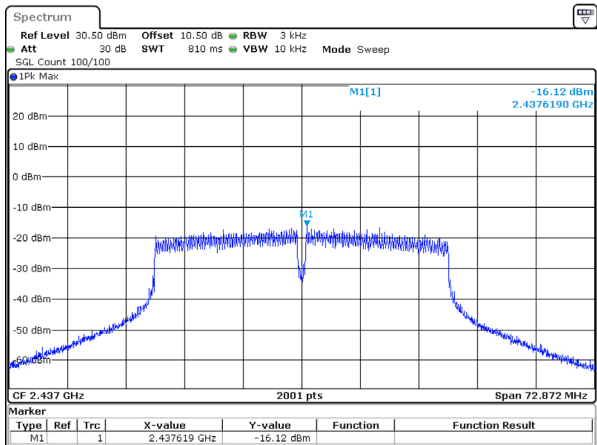
ProjectNo.:2501S52431E-RF Tester:Cheeb Huang
Date: 21.APR.2025 18:18:30

802.11n40_2422MHz



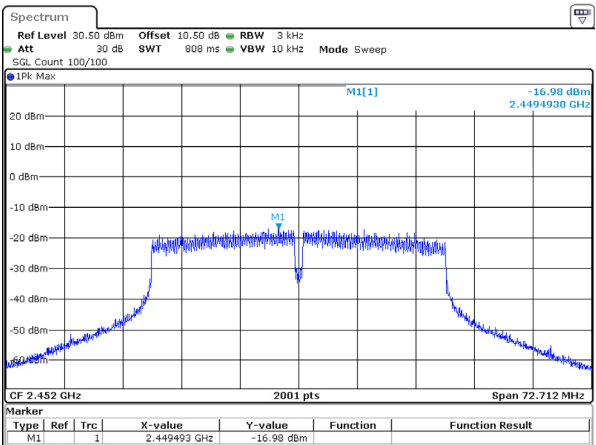
ProjectNo.:2501S52431E-RF Tester:Cheeb Huang
Date: 21.APR.2025 18:22:05

802.11n40_2437MHz



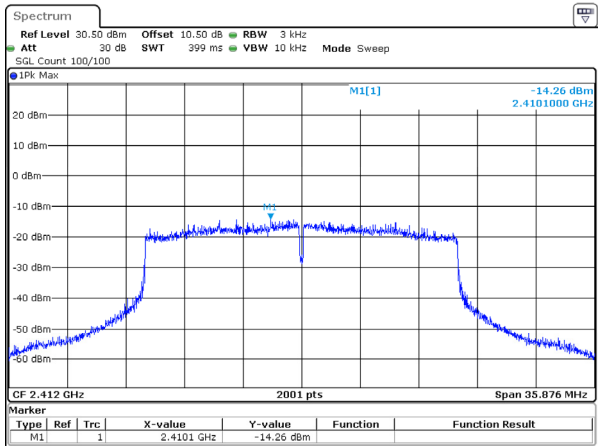
ProjectNo.:2501S52431E-RF Tester:Cheeb Huang
Date: 21.APR.2025 18:25:32

802.11n40_2452MHz



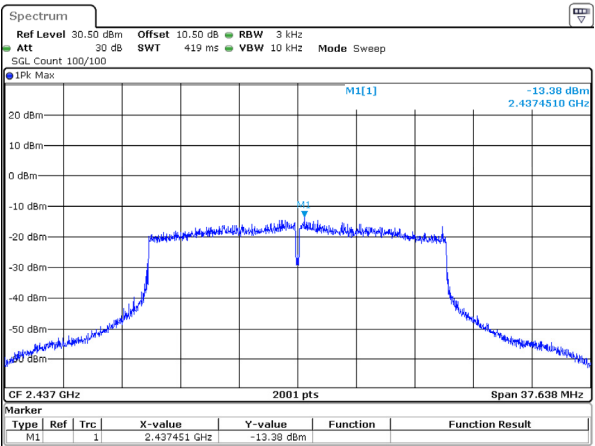
ProjectNo.:2501S52431E-RF Tester:Cheeb Huang
Date: 21.APR.2025 18:31:24

802.11ax20_2412MHz_RU_Full



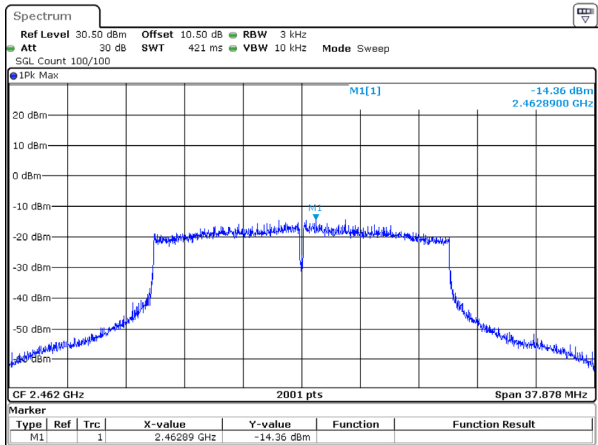
ProjectNo.:2501S52431E-RF Tester:Cheeb Huang
Date: 21.APR.2025 18:35:40

802.11ax20_2437MHz_RU_Full



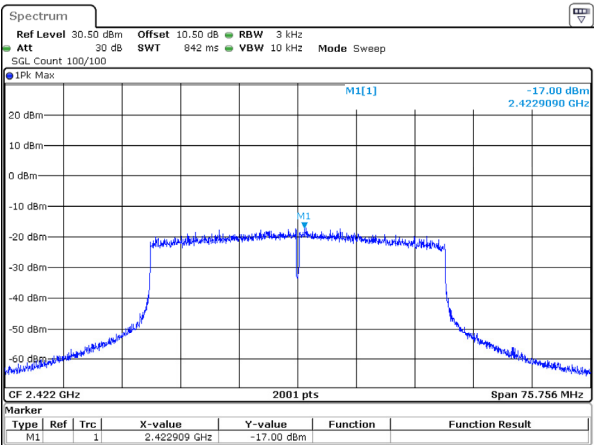
ProjectNo.:2501S52431E-RF Tester:Cheeb Huang
Date: 21.APR.2025 18:38:40

802.11ax20_2462MHz_RU_Full



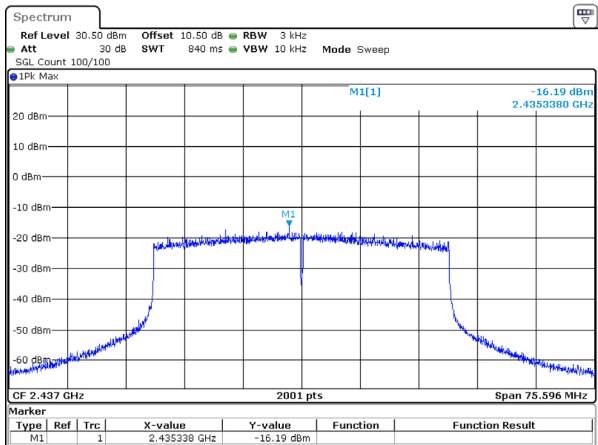
ProjectNo.:2501S52431E-RF Tester:Cheeb Huang
Date: 21.APR.2025 18:42:13

802.11ax40_2422MHz_RU_Full



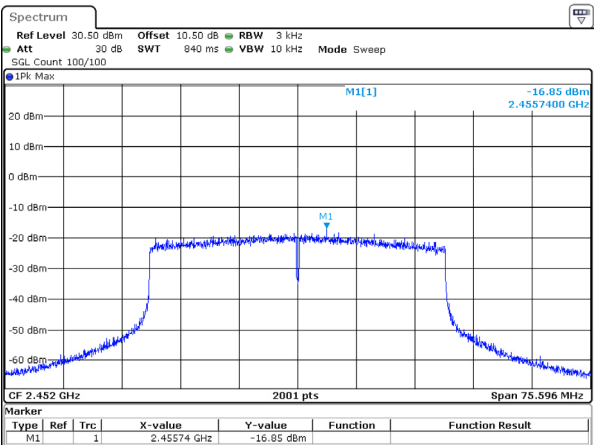
ProjectNo.:2501S52431E-RF Tester:Cheeb Huang
Date: 21.APR.2025 18:46:25

802.11ax40_2437MHz_RU_Full



ProjectNo.:2501S52431E-RF Tester:Cheeb Huang
Date: 21.APR.2025 18:49:46

802.11ax40_2452MHz_RU_Full



ProjectNo.:2501S52431E-RF Tester:Cheeb Huang
Date: 21.APR.2025 18:53:40

100 kHz Bandwidth of Frequency Band Edge

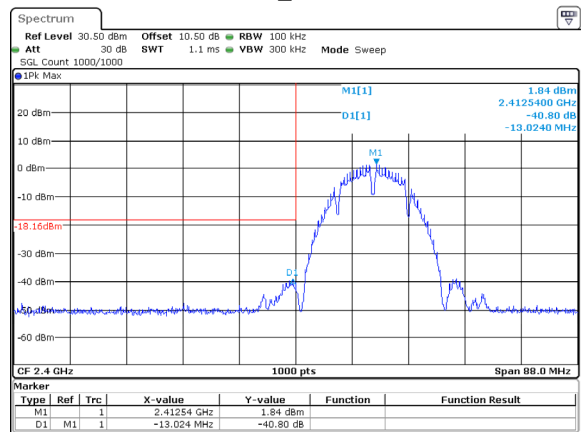
Test Information:

Sample No.:	314H-1	Test Date:	2025/04/21
Test Site:	RF	Test Mode:	Transmitting
Tester:	Cheeb Huang	Test Result:	Pass

Environmental Conditions:

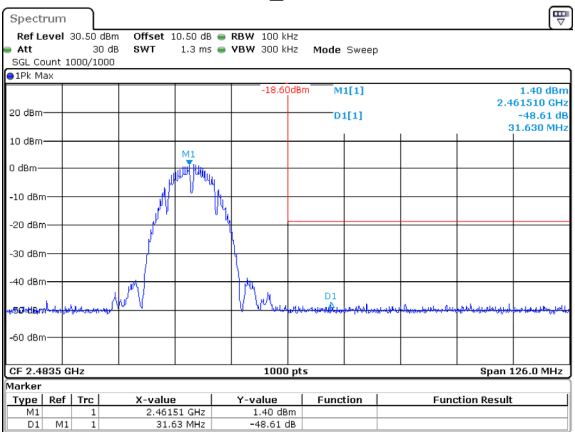
Temperature: (°C)	24.5	Relative Humidity: (%)	46	ATM Pressure: (kPa)	101
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802.11b_2412MHz



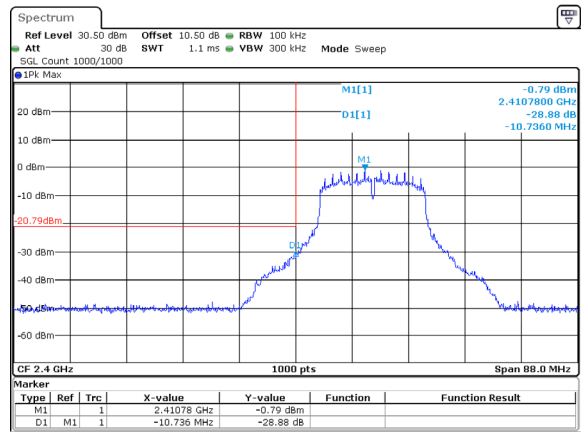
ProjectNo.:2501S52431E-RF Tester:Cheeb Huang
Date: 21.APR.2025 17:38:39

802.11b_2462MHz



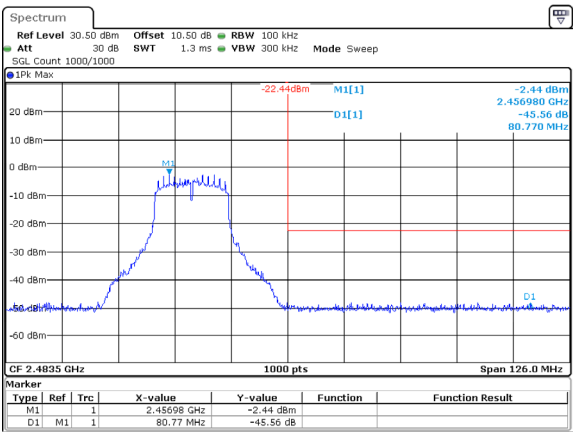
ProjectNo.:2501S52431E-RF Tester:Cheeb Huang
Date: 21.APR.2025 17:55:00

802.11g_2412MHz



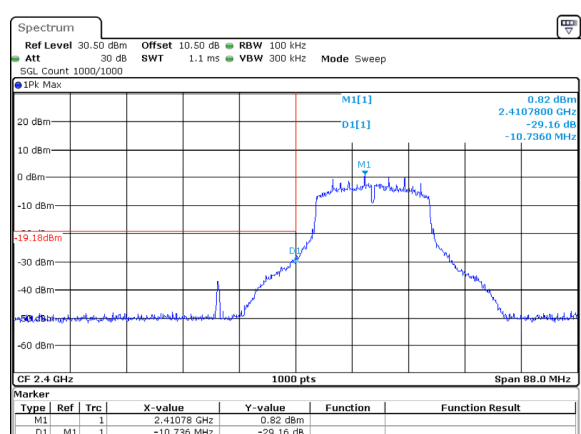
ProjectNo.:2501S52431E-RF Tester:Cheeb Huang
Date: 21.APR.2025 17:59:37

802.11g_2462MHz



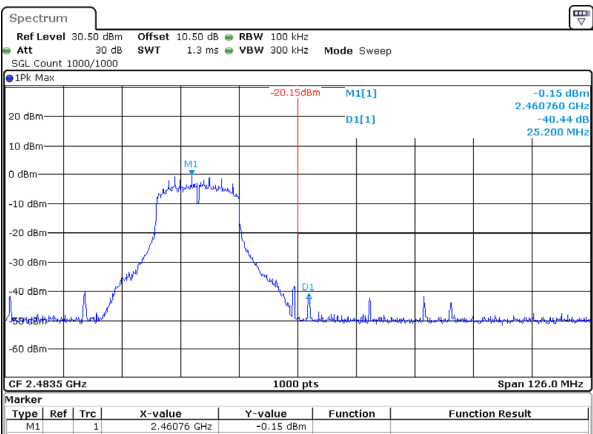
ProjectNo.:2501S52431E-RF Tester:Cheeb Huang
Date: 21.APR.2025 18:05:55

802.11n20_2412MHz



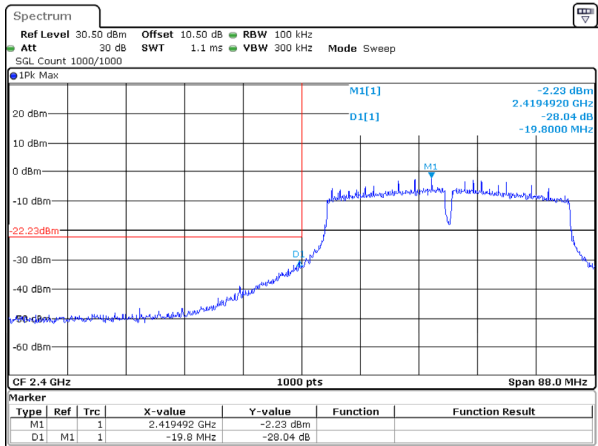
ProjectNo.:2501S52431E-RF Tester:Cheeb Huang
Date: 21.APR.2025 18:09:47

802.11n20_2462MHz



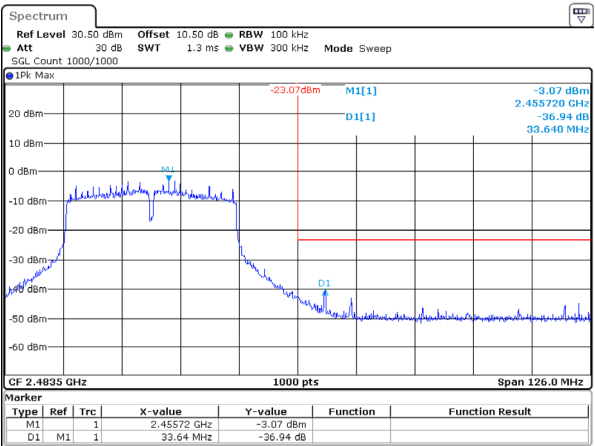
ProjectNo.:2501S52431E-RF Tester:Cheeb Huang
Date: 21.APR.2025 18:17:27

802.11n40_2422MHz



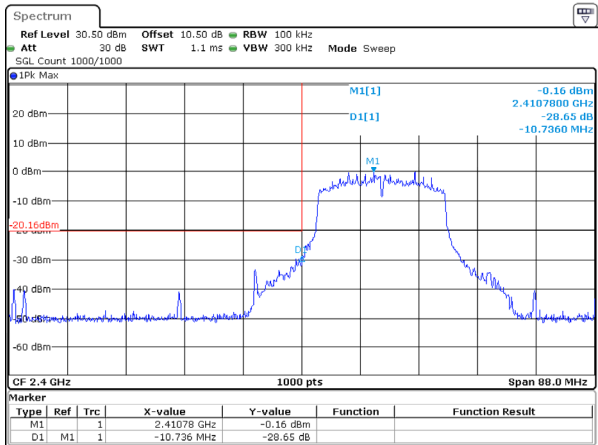
ProjectNo.:2501S52431E-RF Tester:Cheeb Huang
Date: 21.APR.2025 18:20:03

802.11n40_2452MHz



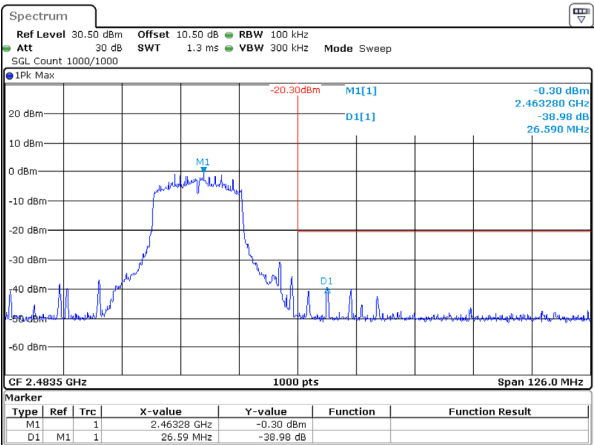
ProjectNo.:2501S52431E-RF Tester:Cheeb Huang
Date: 21.APR.2025 18:29:22

802.11ax20_2412MHz_RU_Full



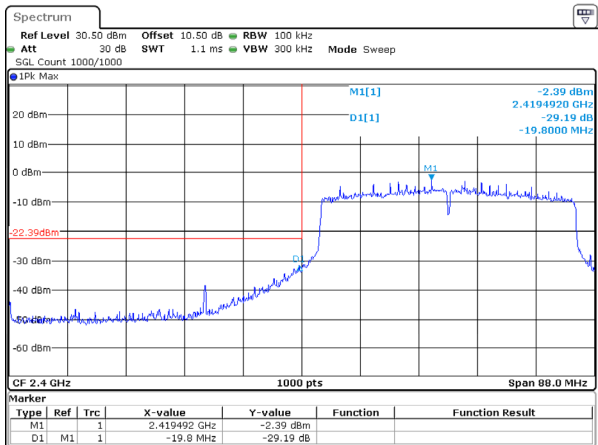
ProjectNo.:2501S52431E-RF Tester:Cheeb Huang
Date: 21.APR.2025 18:34:36

802.11ax20_2462MHz_RU_Full



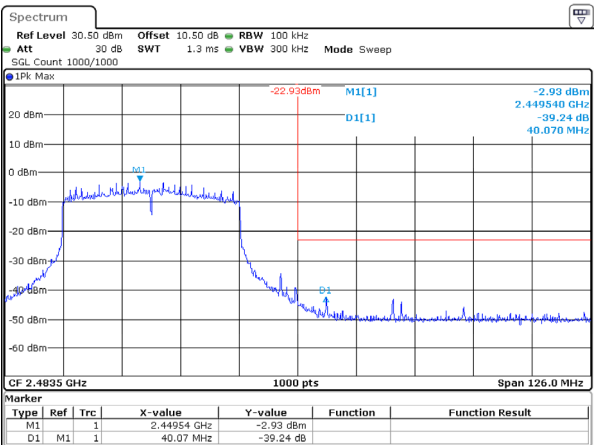
ProjectNo.:2501S52431E-RF Tester:Cheeb Huang
Date: 21.APR.2025 18:41:06

802.11ax40_2422MHz_RU_Full



ProjectNo.:2501S52431E-RF Tester:Cheeb Huang
Date: 21.APR.2025 18:44:18

802.11ax40_2452MHz_RU_Full



ProjectNo.:2501S52431E-RF Tester:Cheeb Huang
Date: 21.APR.2025 18:51:33

Duty Cycle

Test Information:

Sample No.:	314H-1	Test Date:	2025/04/21
Test Site:	RF	Test Mode:	Transmitting
Tester:	Cheeb Huang	Test Result:	Pass

Environmental Conditions:

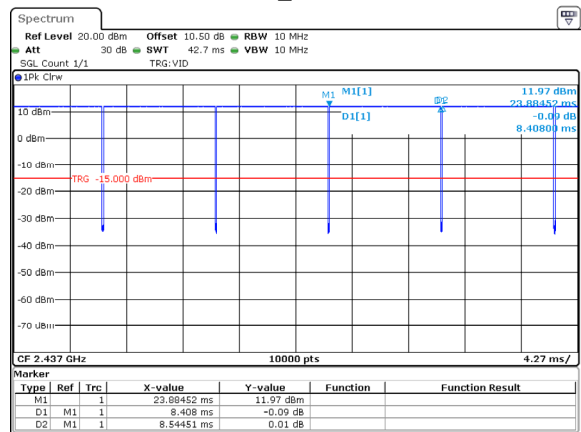
Temperature: (°C)	24.5	Relative Humidity: (%)	46	ATM Pressure: (kPa)	101
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Test Data:

Mode	Test Frequency (MHz)	Ton (ms)	Ton+Toff (ms)	Duty Cycle (%)	Duty Cycle Factor(dB)	1/Ton (Hz)	VBW Setting (kHz)
802.11b	2437	8.408	8.545	98.40	/	/	0.010
802.11g	2437	1.393	1.526	91.28	0.40	718	1
802.11n20	2437	5.077	5.393	94.14	0.26	197	0.200
802.11n40	2437	4.889	5.206	93.91	0.27	205	0.300
802.11ax20_RU_Full	2437	3.860	4.174	92.48	0.34	259	0.300
802.11ax40_RU_Full	2437	3.866	4.181	92.47	0.34	259	0.300

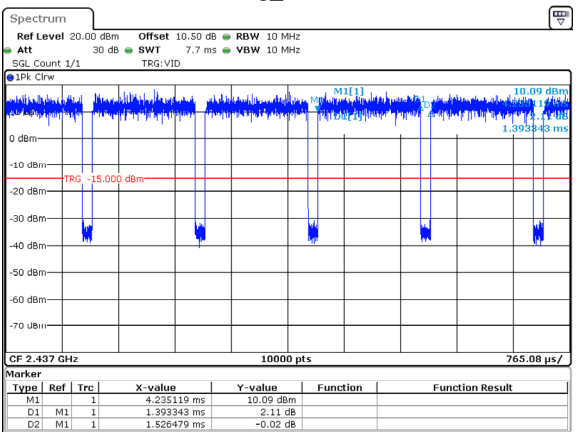
Duty Cycle = Ton/(Ton+Toff)*100%

802.11b_2437MHz



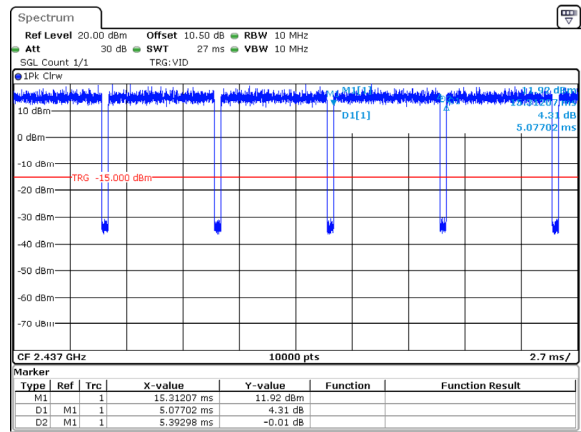
ProjectNo.:2501S52431E-RF Tester:Cheeb Huang
Date: 21.APR.2025 17:42:15

802.11g_2437MHz



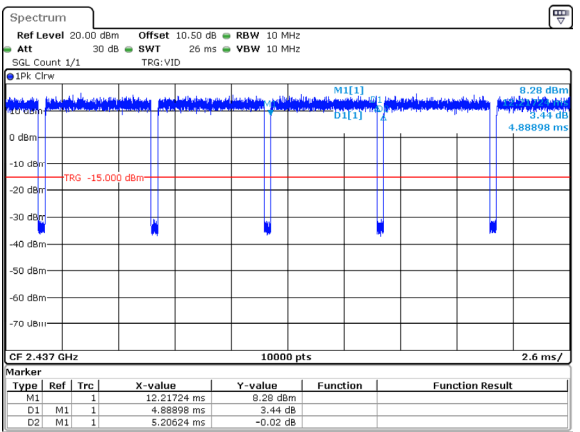
ProjectNo.:2501S52431E-RF Tester:Cheeb Huang
Date: 21.APR.2025 17:43:34

802.11n20_2437MHz



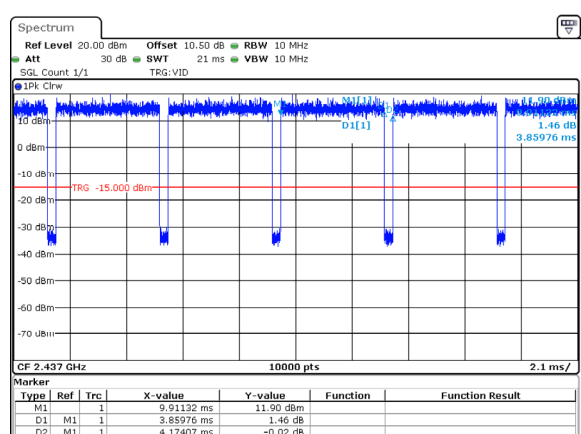
ProjectNo.:2501S52431E-RF Tester:Cheeb Huang
Date: 21.APR.2025 17:45:46

802.11n40_2437MHz



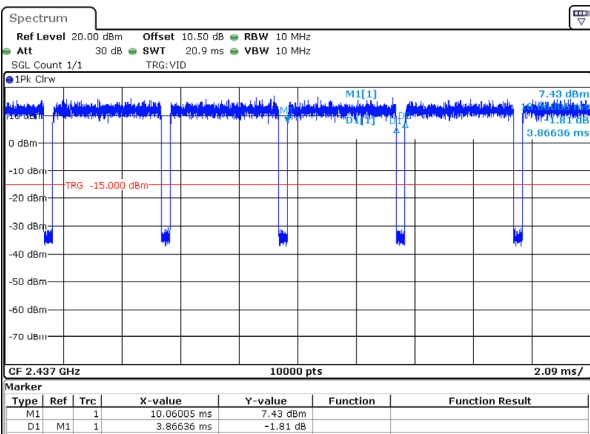
ProjectNo.:2501S52431E-RF Tester:Cheeb Huang
Date: 21.APR.2025 17:46:20

802.11ax20_2437MHz_RU_Full



ProjectNo.:2501S52431E-RF Tester:Cheeb Huang
Date: 21.APR.2025 17:47:44

802.11ax40_2437MHz_RU_Full



ProjectNo.:2501S52431E-RF Tester:Cheeb Huang
Date: 21.APR.2025 17:50:08

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	$0.0128 R^2 f$.
1,500-100,000	$19.2 R^2$.

R is the minimum separation distance in meters

f = frequency in MHz

Result

Mode	Frequency (MHz)	Tune up conducted power [#] (dBm)	Antenna Gain [#]		ERP		Evaluation Distance (m)	ERP Limit (mW)
			(dBi)	(dBd)	(dBm)	(mW)		
2.4G Wi-Fi	2412-2462	19.0	5.90	3.75	22.75	188.36	0.2	768

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

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

Result: Compliant

EUT PHOTOGRAPHS

Please refer to the attachment 2501S52431E-RF External photo and 2501S52431E-RF Internal photo.

TEST SETUP PHOTOGRAPHS

Please refer to the attachment 2501S52431E-RF Test Setup photo.

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