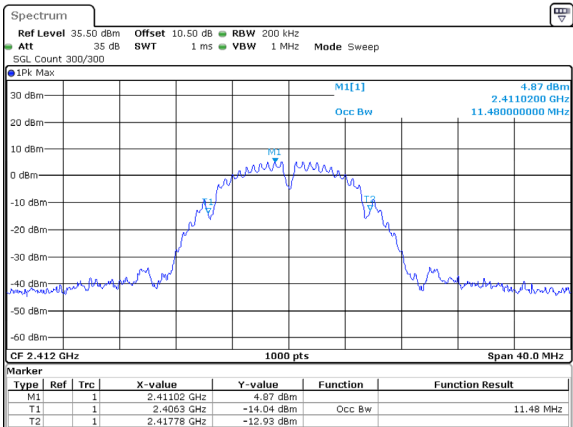


For module YL43456

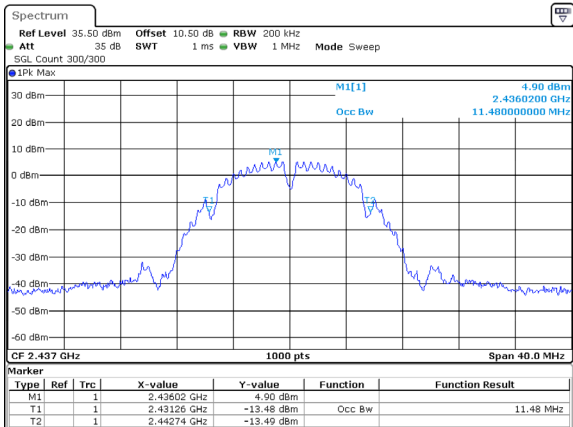
Mode	Test Frequency (MHz)	99% OBW (MHz)
802.11b	2412	11.480
	2437	11.480
	2462	11.720
802.11g	2412	16.400
	2437	16.520
	2462	16.400
802.11n20	2412	17.560
	2437	17.680
	2462	17.560

802.11b_2412MHz



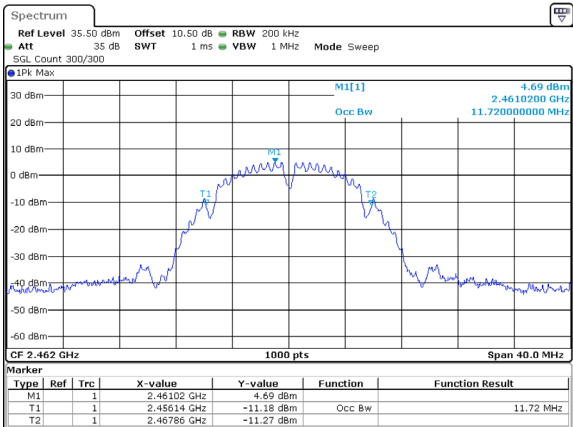
ProjectNo.:2501Q31691E-RF-1 Tester:Cheeb Huang
Date: 24.FEB.2025 14:32:54

802.11b_2437MHz



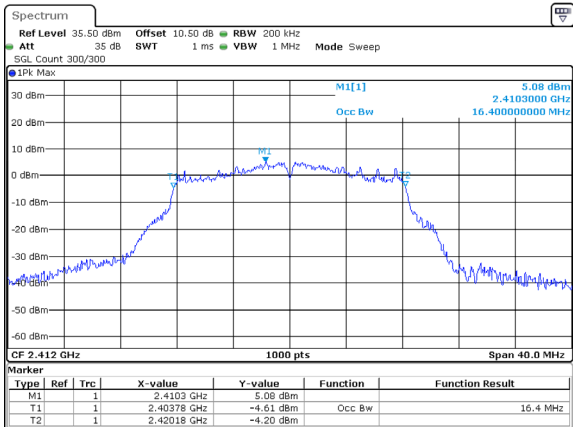
ProjectNo.:2501Q31691E-RF-1 Tester:Cheeb Huang
Date: 24.FEB.2025 14:35:34

802.11b_2462MHz



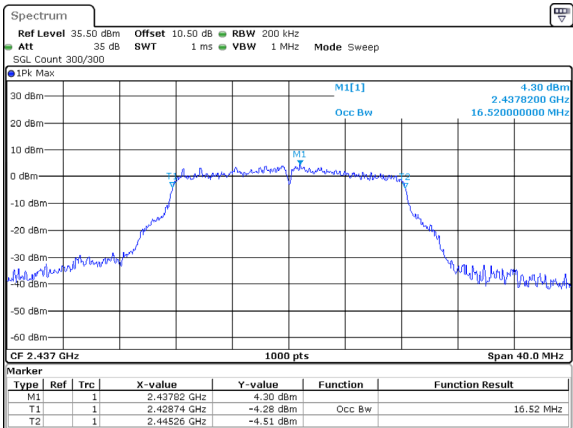
ProjectNo.:2501Q31691E-RF-1 Tester:Cheeb Huang
Date: 24.FEB.2025 14:41:50

802.11g_2412MHz



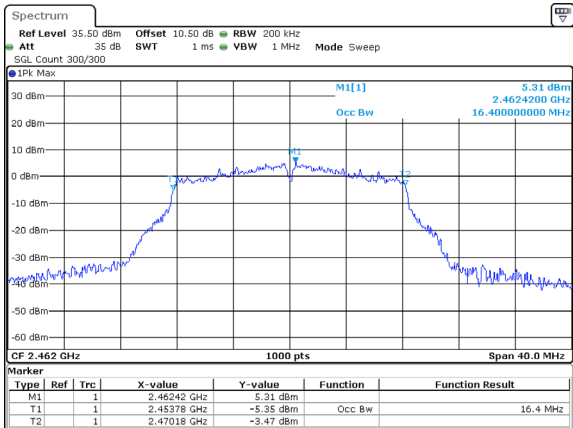
ProjectNo.:2501Q31691E-RF-1 Tester:Cheeb Huang
Date: 24.FEB.2025 14:46:01

802.11g_2437MHz



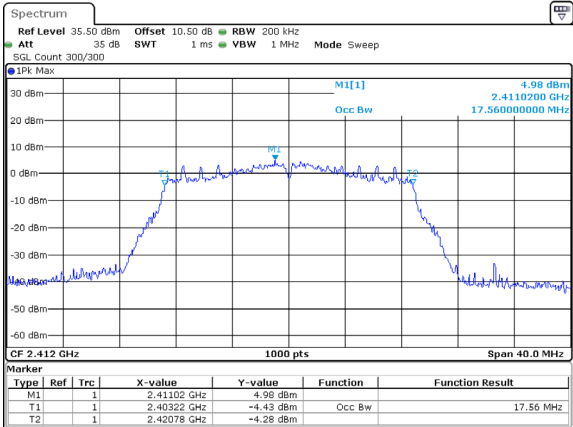
ProjectNo.:2501Q31691E-RF-1 Tester:Cheeb Huang
Date: 24.FEB.2025 14:49:03

802.11g_2462MHz



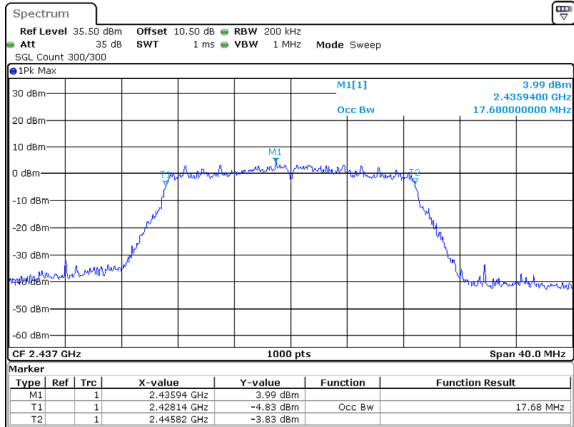
ProjectNo.:2501Q31691E-RF-1 Tester:Cheeb Huang
Date: 24.FEB.2025 14:52:10

802.11n20_2412MHz



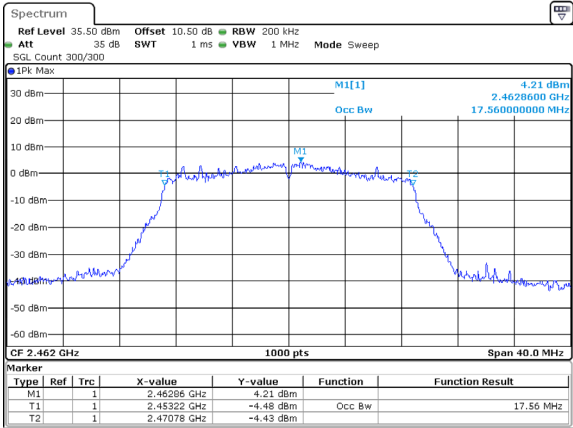
ProjectNo.:2501Q31691E-RF-1 Tester:Cheeb Huang
Date: 24.FEB.2025 14:55:23

802.11n20_2437MHz



ProjectNo.:2501Q31691E-RF-1 Tester:Cheeb Huang
Date: 24.FEB.2025 14:59:37

802.11n20_2462MHz



ProjectNo.:2501Q31691E-RF-1 Tester:Cheeb Huang
Date: 24.FEB.2025 15:05:13

Maximum Conducted Output Power**Test Information:**

Sample No.:	2YH7-1	Test Date:	2025/02/22~2025/02/24
Test Site:	RF	Test Mode:	Transmitting
Tester:	Cheeb Huang	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	24.1	Relative Humidity: (%)	39	ATM Pressure: (kPa)	101.5
-----------------------------	------	----------------------------------	----	-------------------------------	-------

Test Data:

For module: YL43752

Mode	Antenna	Test Frequency (MHz)	Peak Output Power(dBm)	Limit (dBm)	EIRP	EIRP Limit (dBm)	Verdict
802.11b	Chain 0	2412	17.01	30	20.06	36	Pass
		2437	17.51	30	20.56	36	Pass
		2462	17.20	30	20.25	36	Pass
	Chain 1	2412	14.76	30	18.13	36	Pass
		2437	15.30	30	18.67	36	Pass
		2462	15.11	30	18.48	36	Pass
802.11g	Chain 0	2412	20.36	30	23.41	36	Pass
		2437	21.04	30	24.09	36	Pass
		2462	20.49	30	23.54	36	Pass
	Chain 1	2412	18.13	30	21.50	36	Pass
		2437	18.62	30	21.99	36	Pass
		2462	18.36	30	21.73	36	Pass
802.11n20	Chain 0	2412	20.36	30	23.41	36	Pass
		2437	20.86	30	23.91	36	Pass
		2462	20.43	30	23.48	36	Pass
	Chain 1	2412	18.07	30	21.44	36	Pass
		2437	18.61	30	21.98	36	Pass
		2462	18.29	30	21.66	36	Pass
802.11ax20_RU_Full	Chain 0	2412	21.28	30	24.33	36	Pass
		2437	21.70	30	24.75	36	Pass
		2462	21.38	30	24.43	36	Pass
	Chain 1	2412	19.07	30	22.44	36	Pass
		2437	19.42	30	22.79	36	Pass
		2462	19.33	30	22.70	36	Pass

For module YL43456

Mode	Test Frequency (MHz)	Peak Output Power(dBm)	Limit (dBm)	EIRP	EIRP Limit (dBm)	Verdict
802.11b	2412	16.15	30	16.77	36	Pass
	2437	16.22	30	16.84	36	Pass
	2462	16.03	30	16.65	36	Pass
802.11g	2412	21.70	30	22.32	36	Pass
	2437	21.49	30	22.11	36	Pass
	2462	21.55	30	22.17	36	Pass
802.11n20	2412	20.87	30	21.49	36	Pass
	2437	20.90	30	21.52	36	Pass
	2462	20.91	30	21.53	36	Pass

Power Spectral Density

Test Information:

Sample No.:	2YH7-1	Test Date:	2025/02/22~2025/02/24
Test Site:	RF	Test Mode:	Transmitting
Tester:	Cheeb Huang	Test Result:	Pass

Environmental Conditions:

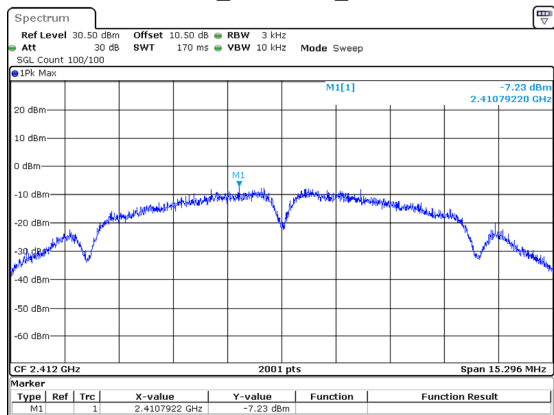
Temperature: (°C)	24.1	Relative Humidity: (%)	39	ATM Pressure: (kPa)	101.5
----------------------	------	------------------------------	----	------------------------	-------

Test Data:

For module: YL43752

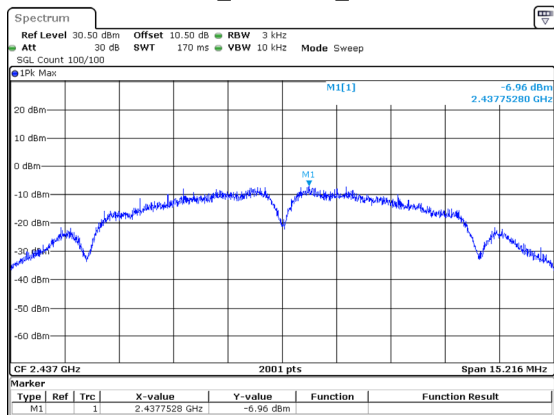
Mode	Antenna	Test Frequency (MHz)	Result (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
802.11b	Chain 0	2412	-7.23	8	Pass
		2437	-6.96	8	Pass
		2462	-7.12	8	Pass
	Chain 1	2412	-9.23	8	Pass
		2437	-9.29	8	Pass
		2462	-9.19	8	Pass
802.11g	Chain 0	2412	-10.59	8	Pass
		2437	-9.98	8	Pass
		2462	-10.51	8	Pass
	Chain 1	2412	-12.81	8	Pass
		2437	-12.31	8	Pass
		2462	-12.54	8	Pass
802.11n20	Chain 0	2412	-11.25	8	Pass
		2437	-10.08	8	Pass
		2462	-11.06	8	Pass
	Chain 1	2412	-13.56	8	Pass
		2437	-12.28	8	Pass
		2462	-12.43	8	Pass
802.11ax20_RU_Full	Chain 0	2412	-11.50	8	Pass
		2437	-11.05	8	Pass
		2462	-11.19	8	Pass
	Chain 1	2412	-12.74	8	Pass
		2437	-12.84	8	Pass
		2462	-11.59	8	Pass

802.11b_2412MHz_Chain 0



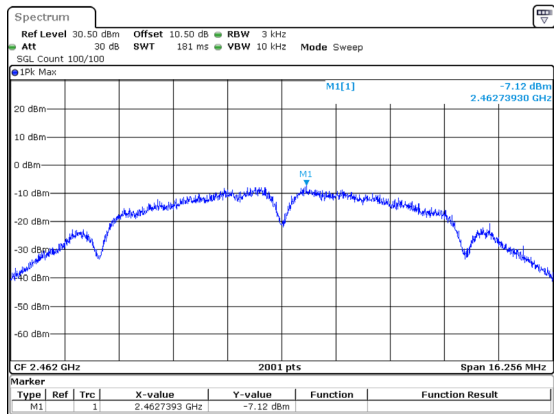
ProjectNo.:2501Q31691E-RF Tester:Cheeb Huang
Date: 22.FEB.2025 15:35:39

802.11b_2437MHz_Chain 0



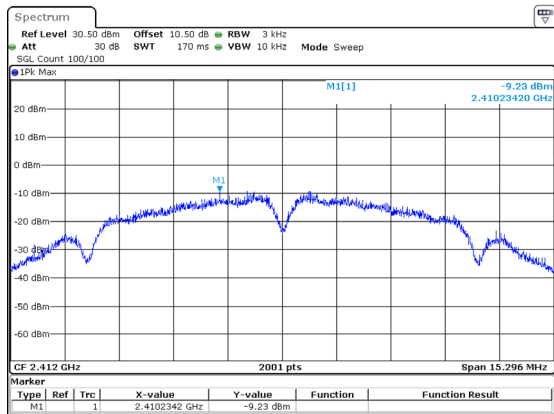
ProjectNo.:2501Q31691E-RF Tester:Cheeb Huang
Date: 22.FEB.2025 15:36:58

802.11b_2462MHz_Chain 0



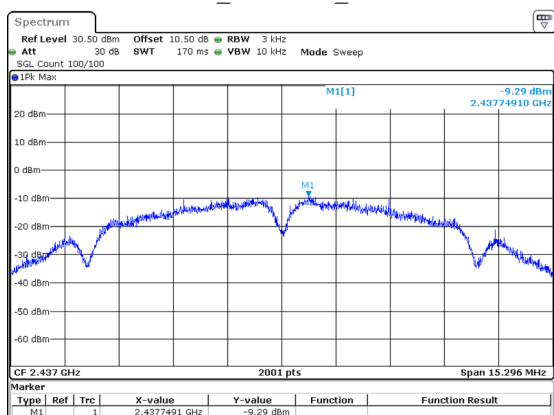
ProjectNo.:2501Q31691E-RF Tester:Cheeb Huang
Date: 22.FEB.2025 15:39:16

802.11b_2412MHz_Chain 1



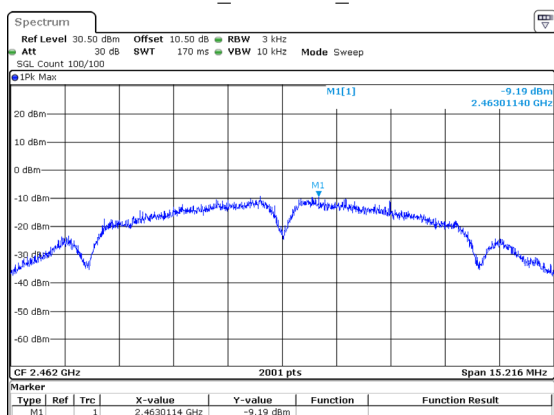
ProjectNo.:2501Q31691E-RF Tester:Cheeb Huang
Date: 22.FEB.2025 14:47:35

802.11b_2437MHz_Chain 1



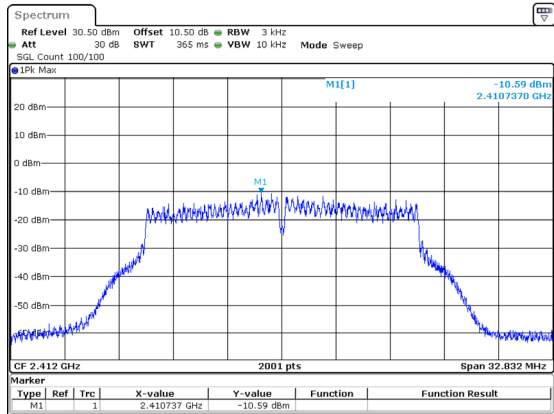
ProjectNo.:2501Q31691E-RF Tester:Cheeb Huang
Date: 22.FEB.2025 14:48:53

802.11b_2462MHz_Chain 1



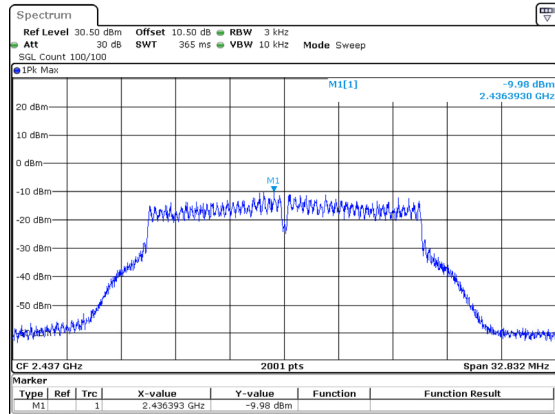
ProjectNo.:2501Q31691E-RF Tester:Cheeb Huang
Date: 22.FEB.2025 15:01:41

802.11g_2412MHz_Chain 0



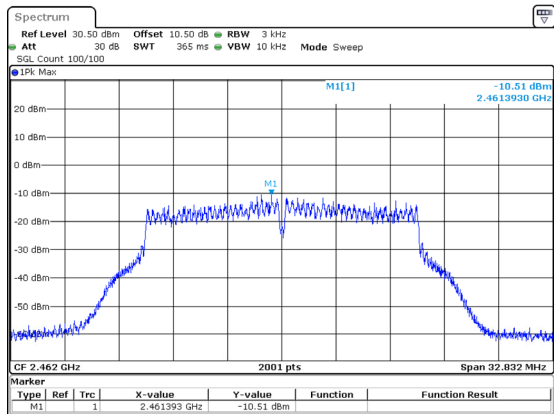
ProjectNo.:2501Q31691E-RF Tester:Cheeb Huang
Date: 22.FEB.2025 15:41:25

802.11g_2437MHz_Chain 0



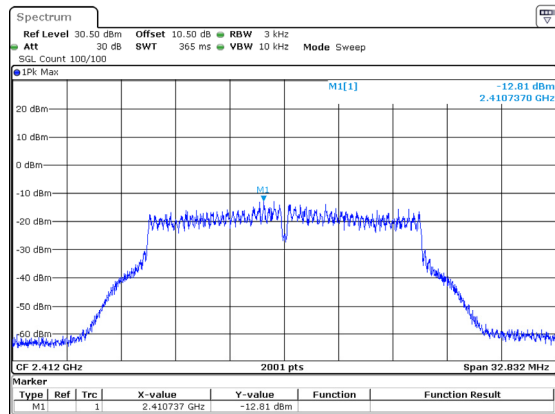
ProjectNo.:2501Q31691E-RF Tester:Cheeb Huang
Date: 22.FEB.2025 15:48:13

802.11g_2462MHz_Chain 0



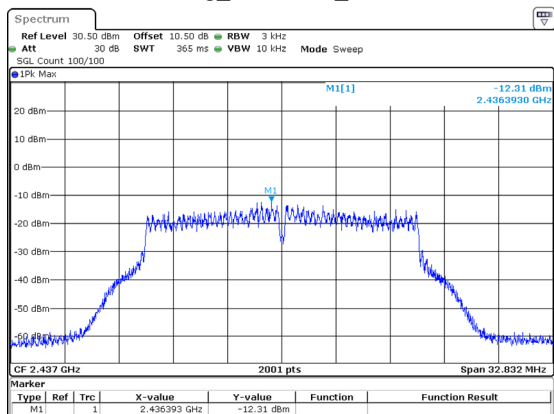
ProjectNo.:2501Q31691E-RF Tester:Cheeb Huang
Date: 22.FEB.2025 15:50:32

802.11g_2412MHz_Chain 1



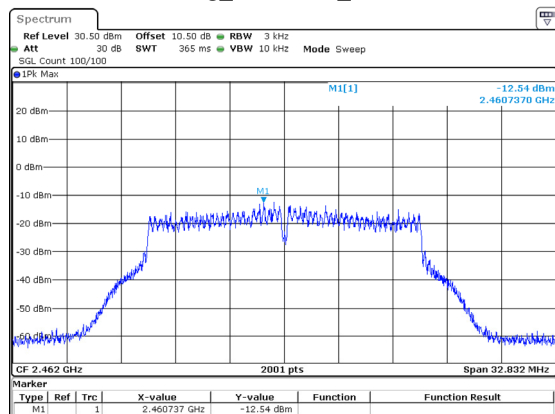
ProjectNo.:2501Q31691E-RF Tester:Cheeb Huang
Date: 22.FEB.2025 15:04:09

802.11g_2437MHz_Chain 1



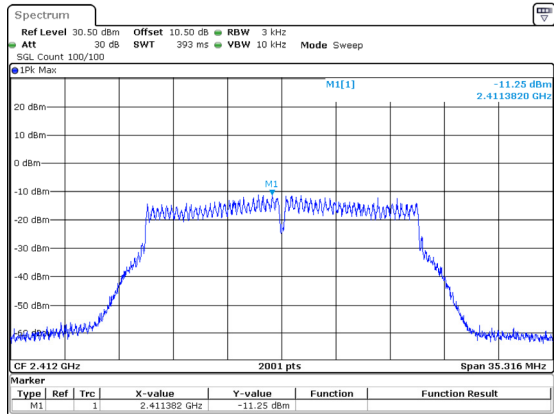
ProjectNo.:2501Q31691E-RF Tester:Cheeb Huang
Date: 22.FEB.2025 15:07:10

802.11g_2462MHz_Chain 1



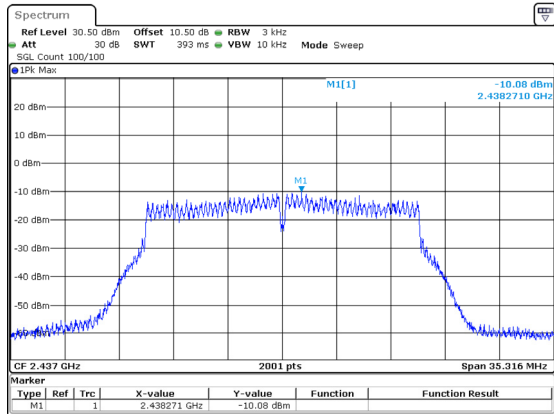
ProjectNo.:2501Q31691E-RF Tester:Cheeb Huang
Date: 22.FEB.2025 15:09:04

802.11n20_2412MHz_Chain 0



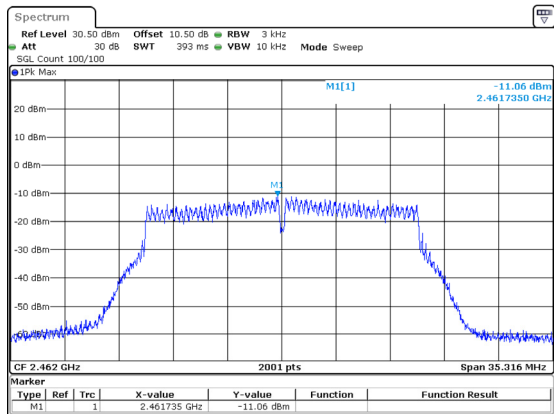
ProjectNo.:2501Q31691E-RF Tester:Cheeb Huang
Date: 22.FEB.2025 15:52:52

802.11n20_2437MHz_Chain 0



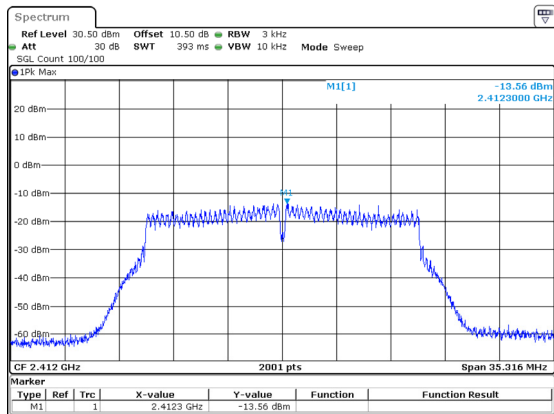
ProjectNo.:2501Q31691E-RF Tester:Cheeb Huang
Date: 22.FEB.2025 15:54:59

802.11n20_2462MHz_Chain 0



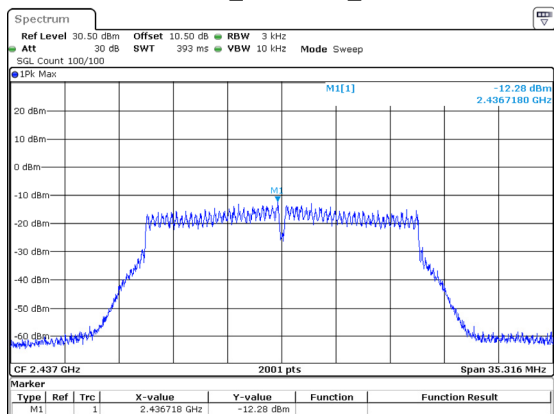
ProjectNo.:2501Q31691E-RF Tester:Cheeb Huang
Date: 22.FEB.2025 15:57:23

802.11n20_2412MHz_Chain 1



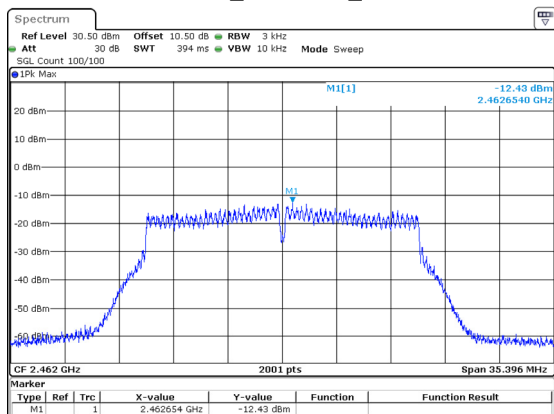
ProjectNo.:2501Q31691E-RF Tester:Cheeb Huang
Date: 22.FEB.2025 15:11:04

802.11n20_2437MHz_Chain 1



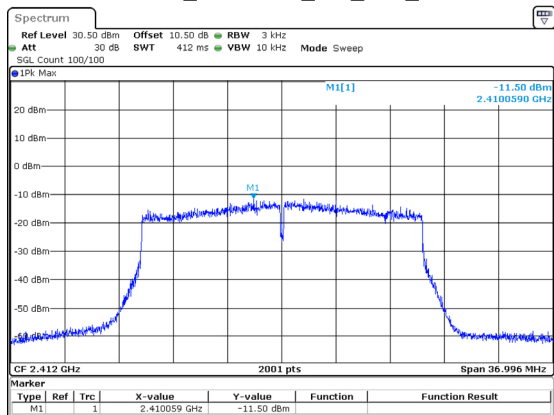
ProjectNo.:2501Q31691E-RF Tester:Cheeb Huang
Date: 22.FEB.2025 15:12:43

802.11n20_2462MHz_Chain 1

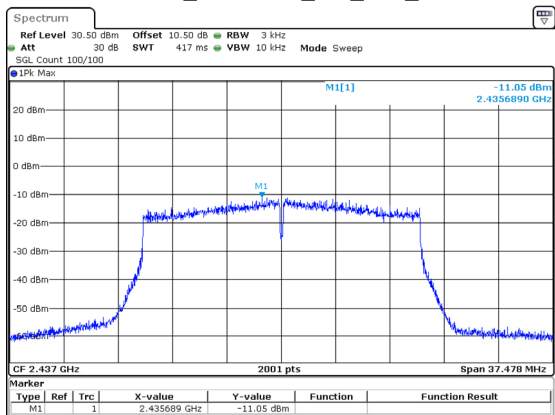


ProjectNo.:2501Q31691E-RF Tester:Cheeb Huang
Date: 22.FEB.2025 15:14:37

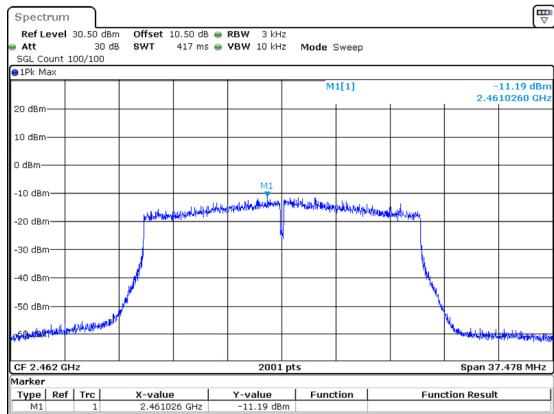
802.11ax20_2412MHz_RU_Full_Chain 0



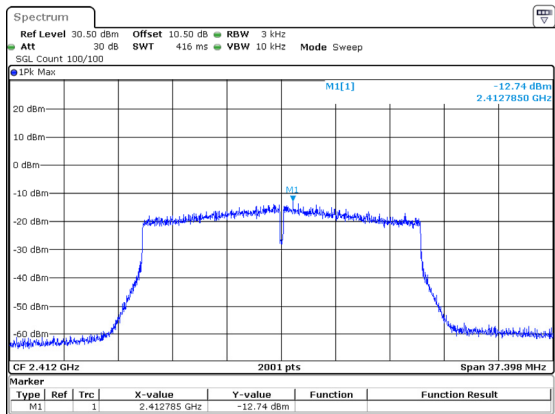
802.11ax20_2437MHz_RU_Full_Chain 0



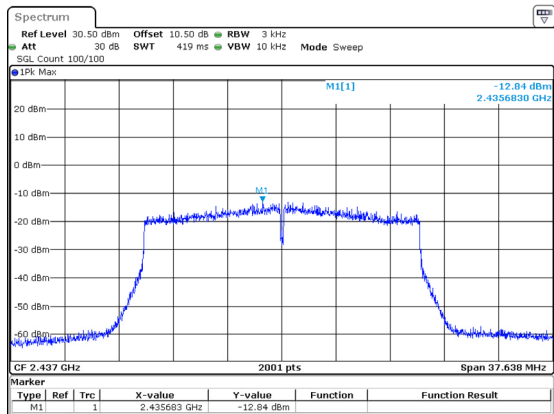
802.11ax20_2462MHz_RU_Full_Chain 0



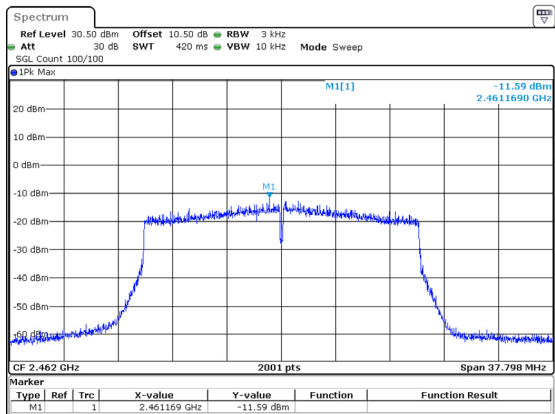
802.11ax20_2412MHz_RU_Full_Chain 1



802.11ax20_2437MHz_RU_Full_Chain 1



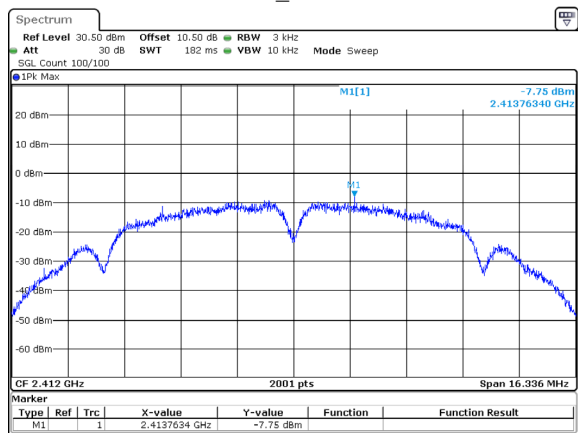
802.11ax20_2462MHz_RU_Full_Chain 1



For module YL43456

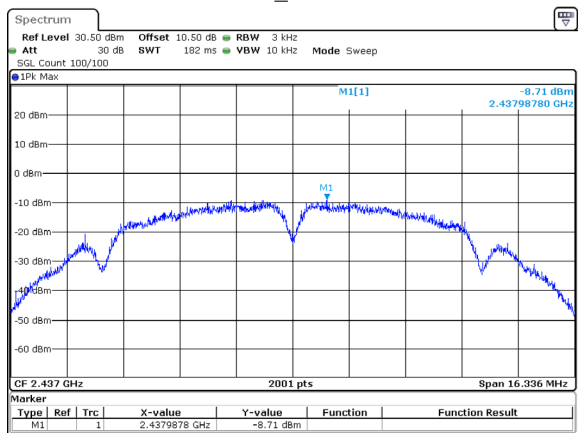
Mode	Test Frequency (MHz)	Result (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
802.11b	2412	-7.75	8	Pass
	2437	-8.71	8	Pass
	2462	-9.08	8	Pass
802.11g	2412	-8.35	8	Pass
	2437	-8.97	8	Pass
	2462	-8.73	8	Pass
802.11n20	2412	-8.48	8	Pass
	2437	-10.04	8	Pass
	2462	-9.23	8	Pass

802.11b_2412MHz



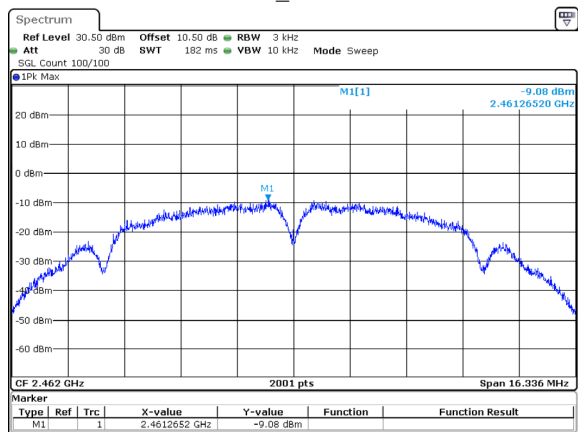
ProjectNo.:2501Q31691E-RF-1 Tester:Cheeb Huang
Date: 24.FEB.2025 14:34:14

802.11b_2437MHz



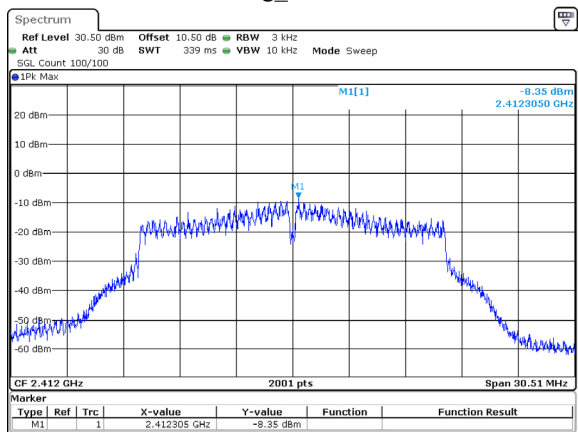
ProjectNo.:2501Q31691E-RF-1 Tester:Cheeb Huang
Date: 24.FEB.2025 14:36:23

802.11b_2462MHz



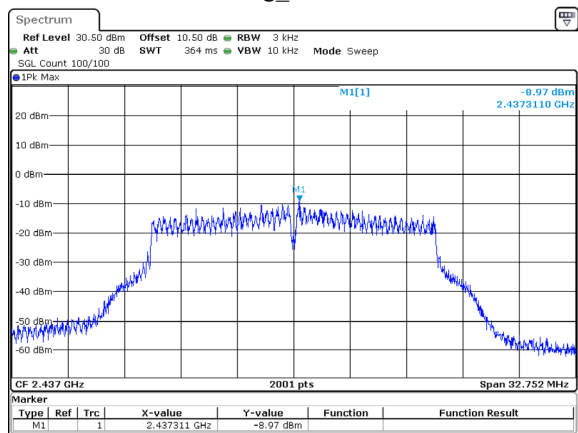
ProjectNo.:2501Q31691E-RF-1 Tester:Cheeb Huang
Date: 24.FEB.2025 14:43:12

802.11g_2412MHz



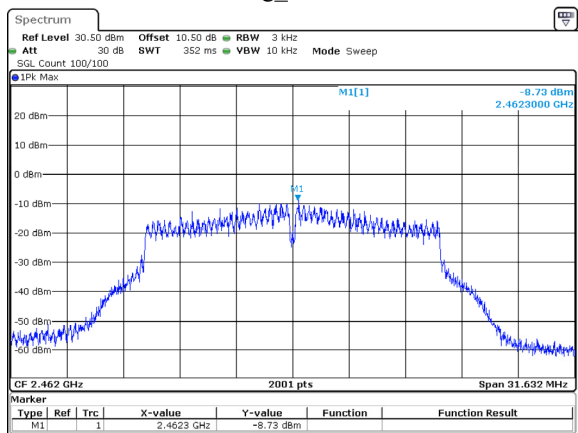
ProjectNo.:2501Q31691E-RF-1 Tester:Cheeb Huang
Date: 24.FEB.2025 14:47:36

802.11g_2437MHz



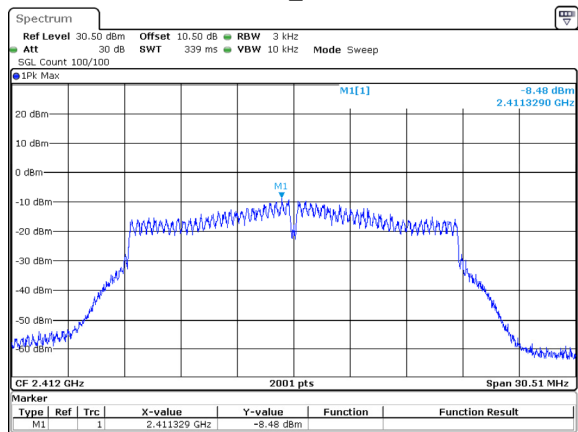
ProjectNo.:2501Q31691E-RF-1 Tester:Cheeb Huang
Date: 24.FEB.2025 14:50:23

802.11g_2462MHz



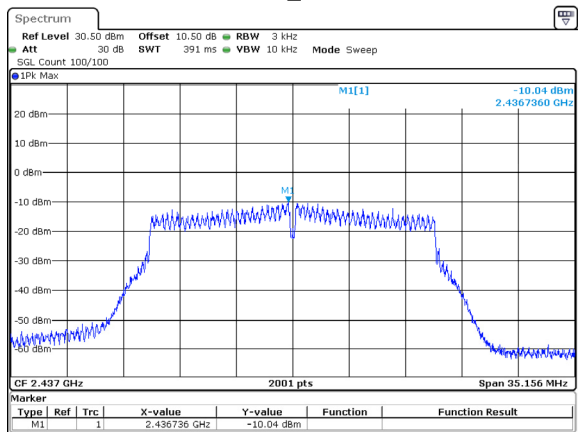
ProjectNo.:2501Q31691E-RF-1 Tester:Cheeb Huang
Date: 24.FEB.2025 14:53:43

802.11n20_2412MHz



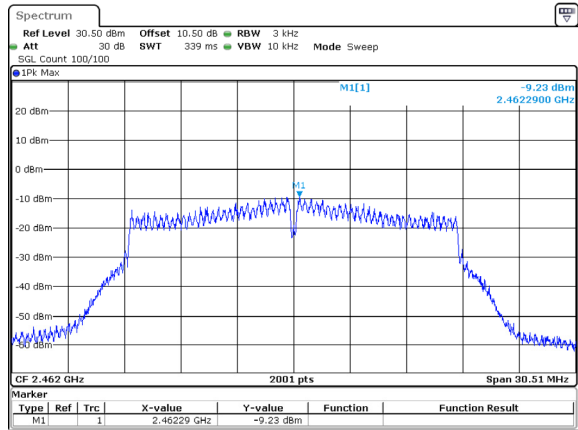
ProjectNo.:2501Q31691E-RF-1 Tester:Cheeb Huang
Date: 24.FEB.2025 14:57:51

802.11n20_2437MHz



ProjectNo.:2501Q31691E-RF-1 Tester:Cheeb Huang
Date: 24.FEB.2025 15:03:37

802.11n20_2462MHz



ProjectNo.:2501Q31691E-RF-1 Tester:Cheeb Huang
Date: 24.FEB.2025 15:06:56

100 kHz Bandwidth of Frequency Band Edge

Test Information:

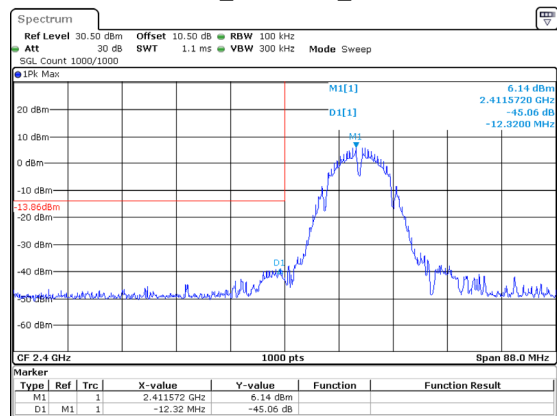
Sample No.:	2YH7-1	Test Date:	2025/02/22~2025/02/24
Test Site:	RF	Test Mode:	Transmitting
Tester:	Cheeb Huang	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	24.1	Relative Humidity: (%)	39	ATM Pressure: (kPa)	101.5
----------------------	------	------------------------------	----	------------------------	-------

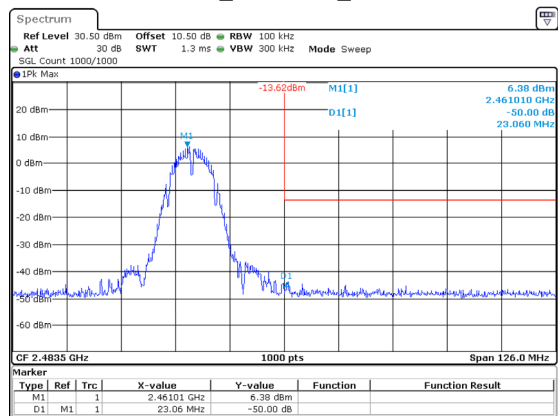
For module: YL43752

802.11b_2412MHz_Chain 0



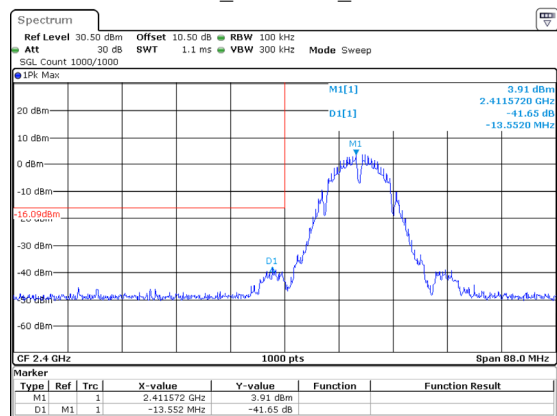
ProjectNo.:2501Q31691E-RF Tester:Cheeb Huang
Date: 22.FEB.2025 15:35:16

802.11b_2462MHz_Chain 0



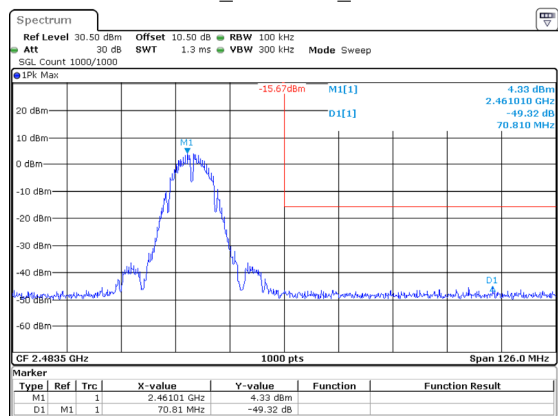
ProjectNo.:2501Q31691E-RF Tester:Cheeb Huang
Date: 22.FEB.2025 15:38:51

802.11b_2412MHz_Chain 1



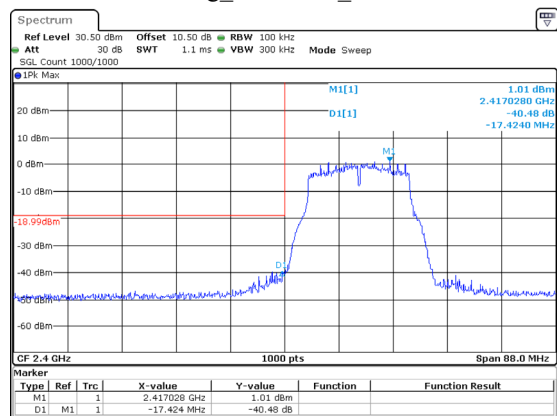
ProjectNo.:2501Q31691E-RF Tester:Cheeb Huang
Date: 22.FEB.2025 14:47:12

802.11b_2462MHz_Chain 1



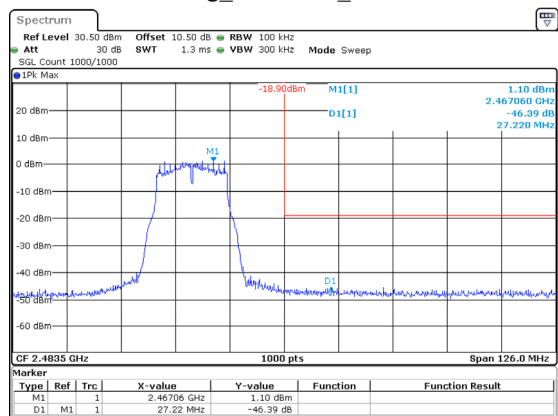
ProjectNo.:2501Q31691E-RF Tester:Cheeb Huang
Date: 22.FEB.2025 15:01:18

802.11g_2412MHz_Chain 0



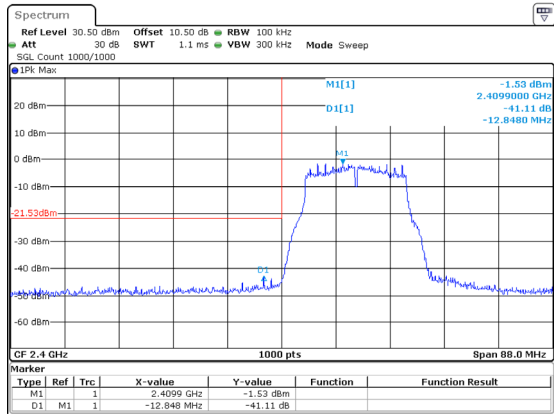
ProjectNo.:2501Q31691E-RF Tester:Cheeb Huang
Date: 22.FEB.2025 15:40:39

802.11g_2462MHz_Chain 0

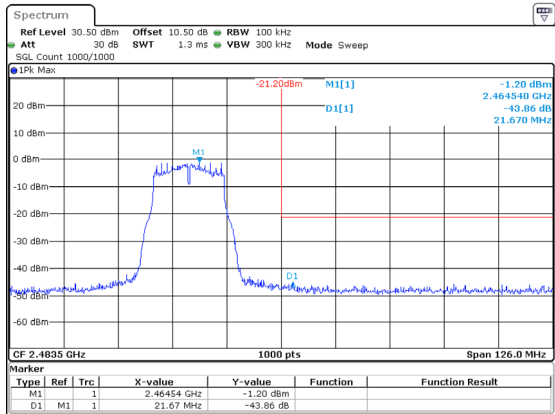


ProjectNo.:2501Q31691E-RF Tester:Cheeb Huang
Date: 22.FEB.2025 15:49:46

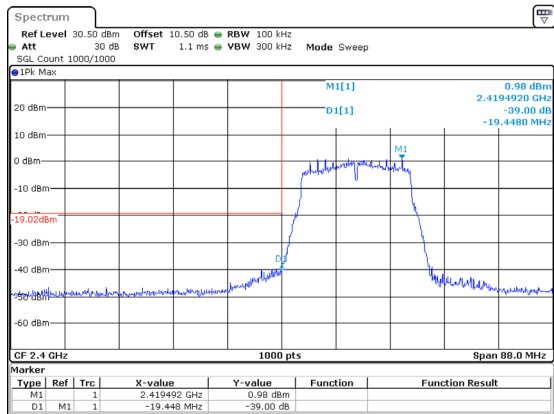
802.11g_2412MHz_Chain 1



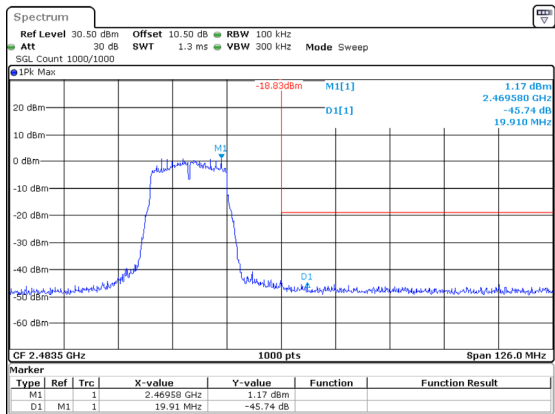
802.11g_2462MHz_Chain 1



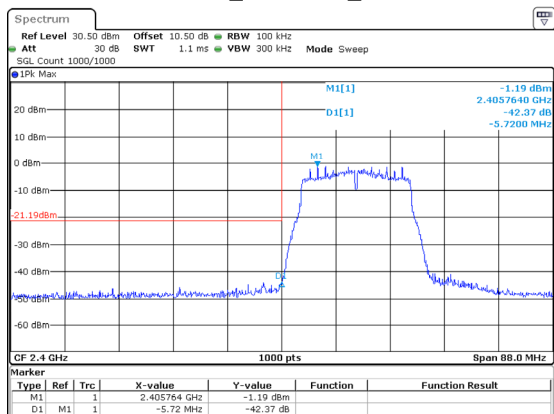
802.11n20_2412MHz_Chain 0



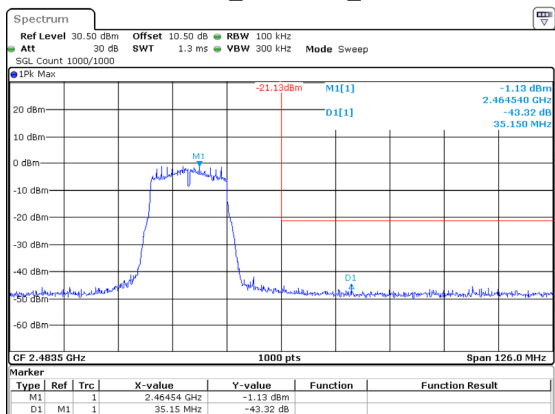
802.11n20_2462MHz_Chain 0



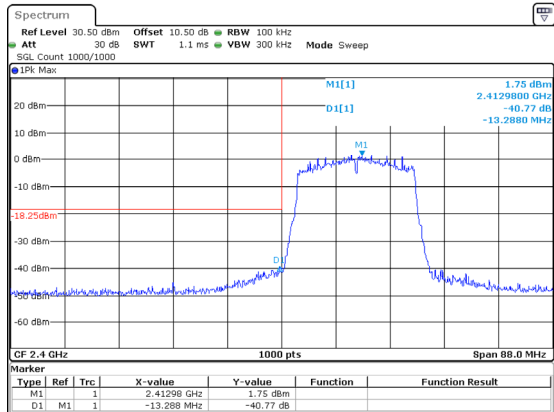
802.11n20_2412MHz_Chain 1



802.11n20_2462MHz_Chain 1

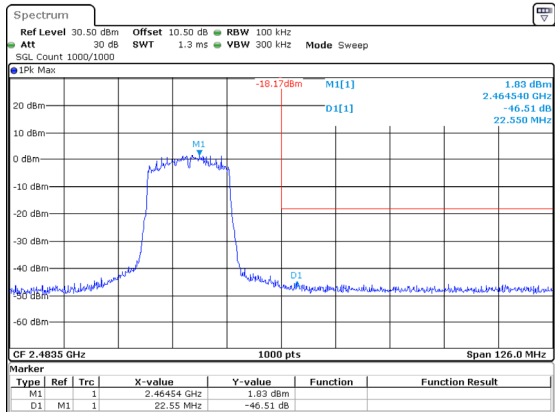


802.11ax20_2412MHz_RU_Full_Chain 0



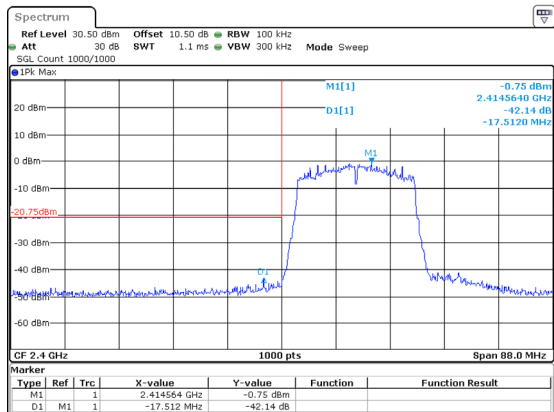
ProjectNo.:2501Q31691E-RF Tester:Cheeb Huang
Date: 22.FEB.2025 15:58:56

802.11ax20_2462MHz_RU_Full_Chain 0



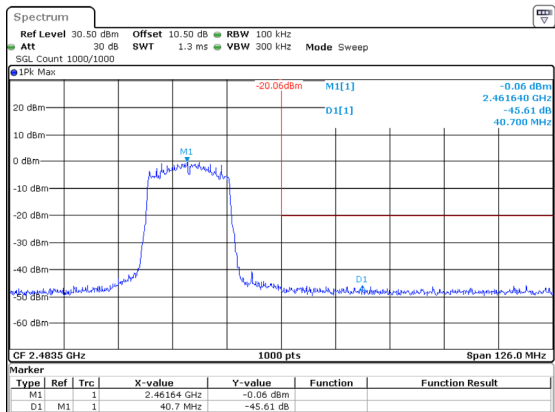
ProjectNo.:2501Q31691E-RF Tester:Cheeb Huang
Date: 22.FEB.2025 16:03:25

802.11ax20_2412MHz_RU_Full_Chain 1



ProjectNo.:2501Q31691E-RF Tester:Cheeb Huang
Date: 22.FEB.2025 15:17:12

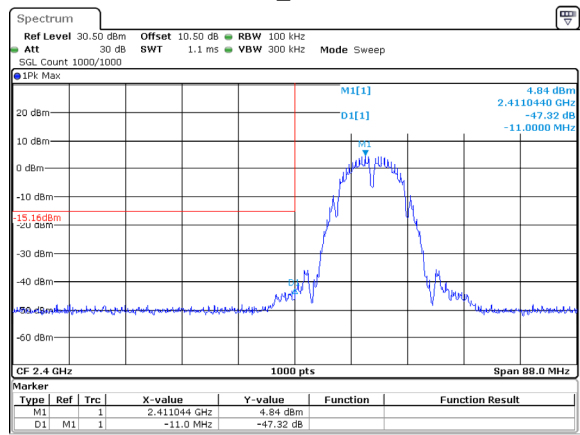
802.11ax20_2462MHz_RU_Full_Chain 1



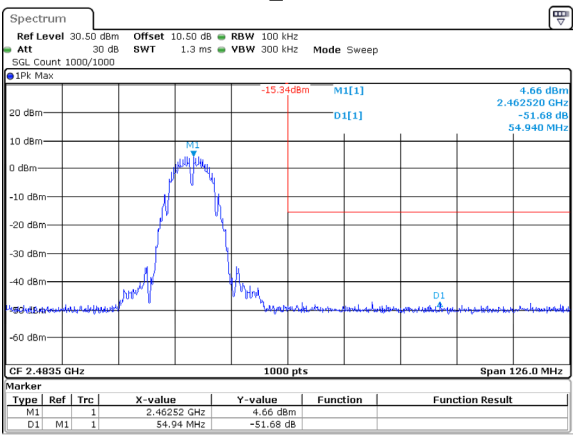
ProjectNo.:2501Q31691E-RF Tester:Cheeb Huang
Date: 22.FEB.2025 15:21:29

For module YL43456

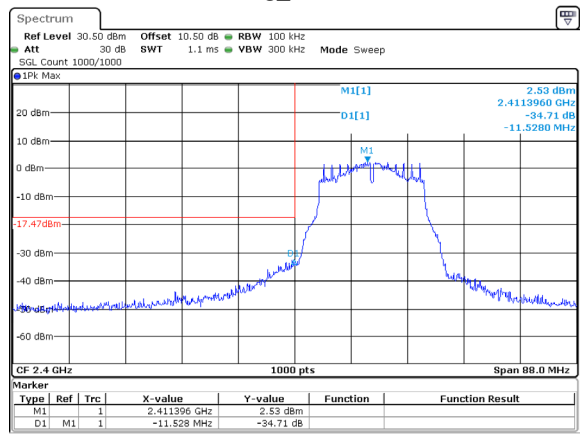
802.11b_2412MHz



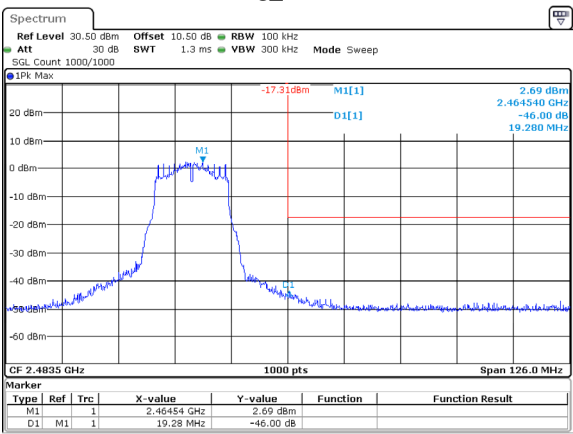
802.11b_2462MHz



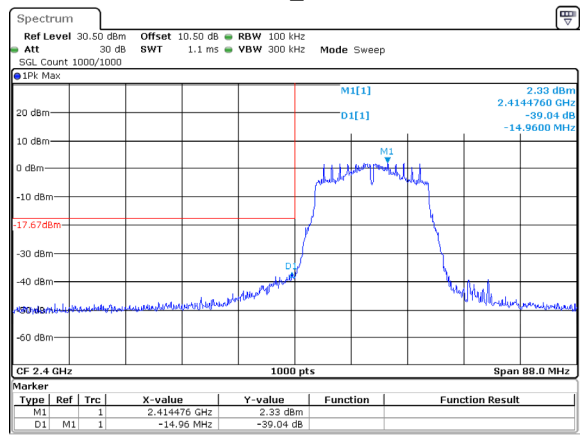
802.11g_2412MHz



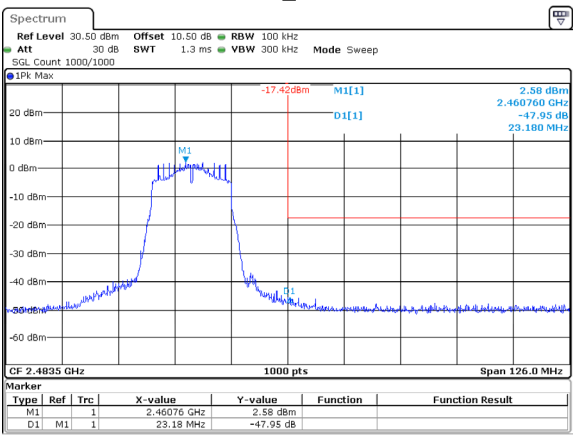
802.11g_2462MHz



802.11n20_2412MHz



802.11n20_2462MHz



Duty Cycle**Test Information:**

Sample No.:	2YH7-1	Test Date:	2025/02/22~2025/02/24
Test Site:	RF	Test Mode:	Transmitting
Tester:	Cheeb Huang	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	24.1	Relative Humidity: (%)	39	ATM Pressure: (kPa)	101.5
-----------------------------	------	----------------------------------	----	-------------------------------	-------

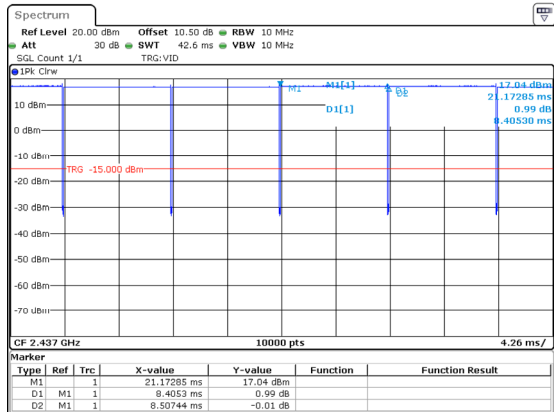
Test Data:

For module: YL43752

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	8.405	8.507	98.80	/	/	0.010
	Chain 1	2437	8.405	8.503	98.85	/	/	0.010
802.11g	Chain 0	2437	1.396	1.495	93.38	0.30	716	1
	Chain 1	2437	1.394	1.495	93.24	0.30	717	1
802.11n20	Chain 0	2437	1.306	1.407	92.82	0.32	766	1
	Chain 1	2437	1.307	1.409	92.76	0.33	765	1
802.11ax20_RU_Full	Chain 0	2437	1.019	1.120	90.98	0.41	981	1
	Chain 1	2437	1.019	1.120	90.98	0.41	981	1

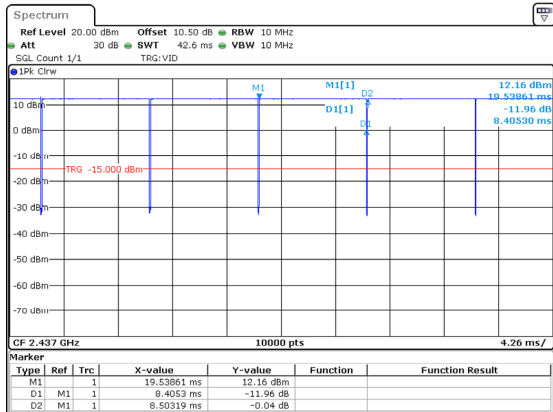
Duty Cycle = Ton/(Ton+Toff)*100%

802.11b_2437MHz_Chain 0



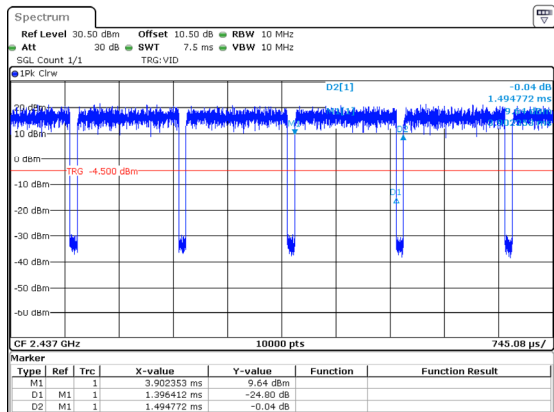
ProjectNo.:2501Q31691E-RF Tester:Cheeb Huang
Date: 22.FEB.2025 15:31:27

802.11b_2437MHz_Chain 1



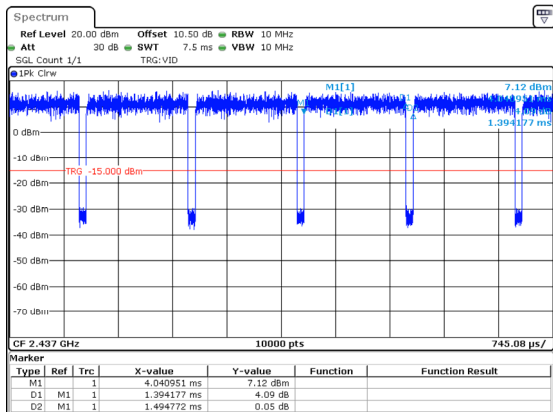
ProjectNo.:2501Q31691E-RF Tester:Cheeb Huang
Date: 22.FEB.2025 14:36:16

802.11g_2437MHz_Chain 0



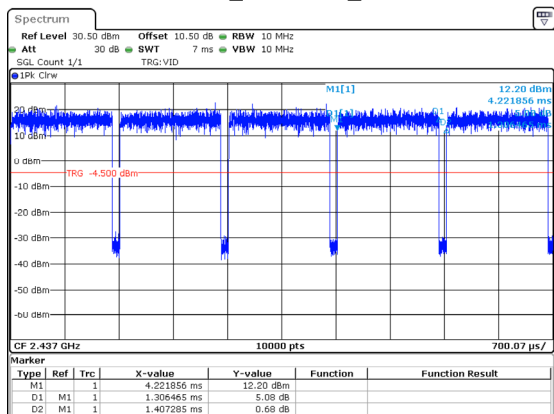
ProjectNo.:2501Q31691E-RF Tester:Cheeb Huang
Date: 22.FEB.2025 15:32:32

802.11g_2437MHz_Chain 1



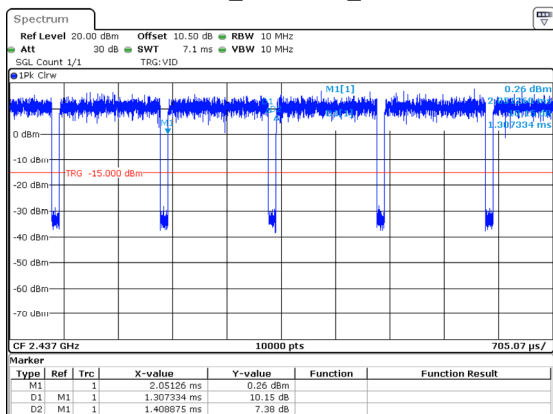
ProjectNo.:2501Q31691E-RF Tester:Cheeb Huang
Date: 22.FEB.2025 14:36:31

802.11n20_2437MHz_Chain 0



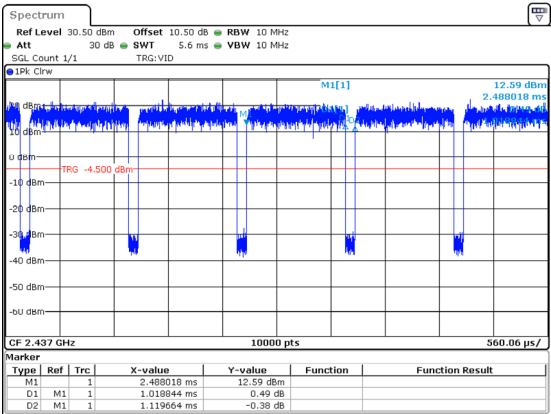
ProjectNo.:2501Q31691E-RF Tester:Cheeb Huang
Date: 22.FEB.2025 15:32:56

802.11n20_2437MHz_Chain 1



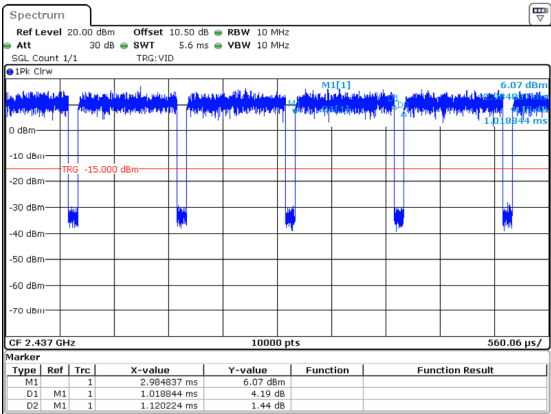
ProjectNo.:2501Q31691E-RF Tester:Cheeb Huang
Date: 22.FEB.2025 14:37:04

802.11ax20_2437MHz_RU_Full_Chain 0



ProjectNo.:2501Q31691E-RF Tester:Cheeb Huang
Date: 22.FEB.2025 15:33:19

802.11ax20_2437MHz_RU_Full_Chain 1

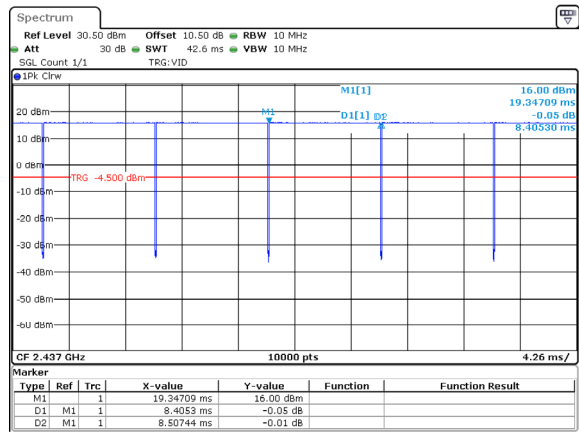


ProjectNo.:2501Q31691E-RF Tester:Cheeb Huang
Date: 22.FEB.2025 14:37:36

For module YL43456

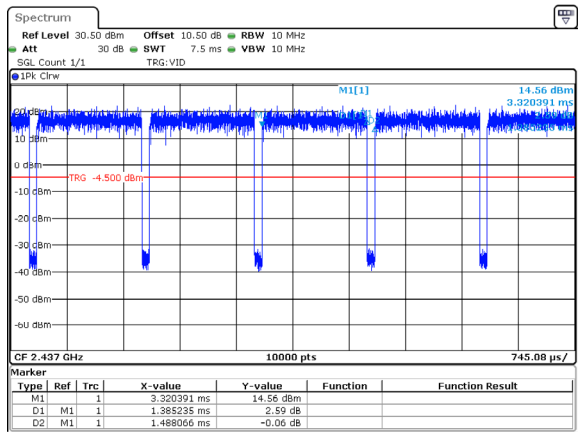
Mode	Test Frequency (MHz)	Ton (ms)	Ton+Toff (ms)	Duty Cycle (%)	Duty Cycle Factor(dB)	1/Ton (Hz)	VBW Setting (kHz)
802.11b	2437	8.405	8.507	98.80	/	/	0.010
802.11g	2437	1.385	1.488	93.08	0.31	722	1
802.11n20	2437	1.328	1.430	92.87	0.32	753	1

802.11b_2437MHz



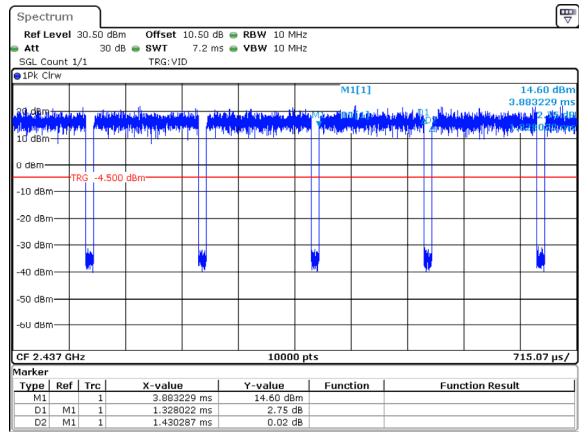
ProjectNo.:2501Q31691E-RF-1 Tester:Cheeb Huang
Date: 24.FEB.2025 14:28:26

802.11g_2437MHz



ProjectNo.:2501Q31691E-RF-1 Tester:Cheeb Huang
Date: 24.FEB.2025 14:29:01

802.11n20_2437MHz



ProjectNo.:2501Q31691E-RF-1 Tester:Cheeb Huang
Date: 24.FEB.2025 14:31:00

RF EXPOSURE EVALUATION

MPE-Based Exemption

Applicable Standard

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

According to KDB 447498 D04 v01 Interim General RF Exposure Guidance

MPE-Based Exemption:

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

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

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

R is the minimum separation distance in meters

f = frequency in MHz

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

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

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

Result

Mode	Frequency (MHz)	Tune up conducted power [#] (dBm)	Antenna Gain [#]		ERP		Evaluation Distance (m)	ERP Limit (mW)
			(dBi)	(dBd)	(dBm)	(mW)		
For module YL43752								
BLE	2402-2480	7.5	3.05	0.90	8.40	6.92	0.2	768
2.4G Wi-Fi	2412-2462	22.0	3.37	1.22	23.22	209.89	0.2	768
5.2G Wi-Fi	5180-5240	15.5	1.47	-0.68	14.82	30.34	0.2	768
5.8G Wi-Fi	5745-5825	15.0	2.37	0.22	15.22	33.27	0.2	768
For module YL43456								
2.4G Wi-Fi	2412-2462	22.0	0.62	-1.53	20.47	111.43	0.2	768
5.2G Wi-Fi	5180-5240	17.5	1.41	-0.74	16.76	47.42	0.2	768
5.3G Wi-Fi	5260-5320	17.5	1.99	-0.16	17.34	54.20	0.2	768
5.6G Wi-Fi	5500-5720	17.5	2.18	0.03	17.53	56.62	0.2	768
5.8G Wi-Fi	5745-5825	17.0	2.00	-0.15	16.85	48.42	0.2	768

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

Simultaneous transmitting consideration (worst case):

$$\text{The ratio} = \text{ERP}_{\text{BLE}} / \text{limit} + \text{ERP}_{2.4\text{G Wi-Fi}} / \text{limit} + \text{ERP}_{5\text{G}} / \text{limit} = 6.92/768 + 209.89/768 + 56.62/768 = 0.356 < 1.0$$

So simultaneous exposure is compliant.

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

Result: Compliant

Field reference level exposure exemption limits

Applicable Standard

According to RSS-102 Issue 6§6.6:

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

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

Calculated Data:

Mode	Frequency (MHz)	Maximum tune-up conducted power [#] (dBm)	Antenna Gain [#]	Maximum tune-up EIRP		Evaluation Distance (m)	Limit (mW)
			(dBi)	(dBm)	(mW)		
For module YL43752							
BLE	2402-2480	7.5	3.05	10.55	11.35	0.2	2676
2.4G Wi-Fi	2412-2462	22.0	3.37	25.37	344.35	0.2	2684
5.2G Wi-Fi	5180-5240	15.5	1.47	16.97	49.77	0.2	4525
5.8G Wi-Fi	5745-5825	15.0	2.37	17.37	54.58	0.2	4857
For module YL43456							
2.4G Wi-Fi	2412-2462	22.0	0.62	22.62	182.81	0.2	2684
5.2G Wi-Fi	5180-5240	17.5	1.41	18.91	77.80	0.2	4525
5.3G Wi-Fi	5260-5320	17.5	1.99	19.49	88.92	0.2	4573
5.6G Wi-Fi	5500-5720	17.5	2.18	19.68	92.90	0.2	4714
5.8G Wi-Fi	5745-5825	17.0	2.00	19.00	79.43	0.2	4857

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

Result: Compliant

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

EUT PHOTOGRAPHS

Please refer to the attachment 2501Q31691E-RF External photo and 2501Q31691E-RF Internal photo.

TEST SETUP PHOTOGRAPHS

Please refer to the attachment 2501Q31691E-RFC Test Setup photo.

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