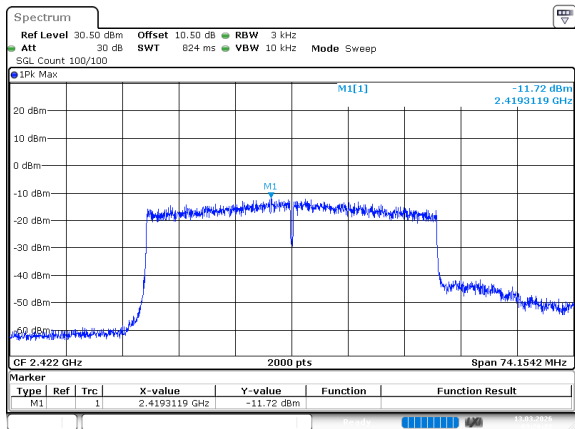


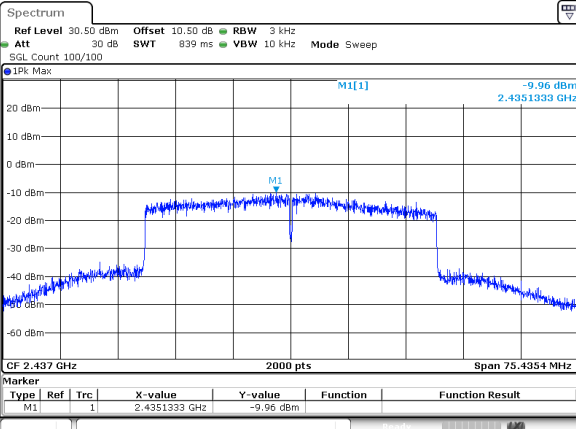
Ant 0

802.11be40_2422MHz_RU_FULL_Ant 0



ProjectNo.:2601P12244E-RF Tester:Kungfmaster Liang
Date: 13.MAR.2026 03:26:22

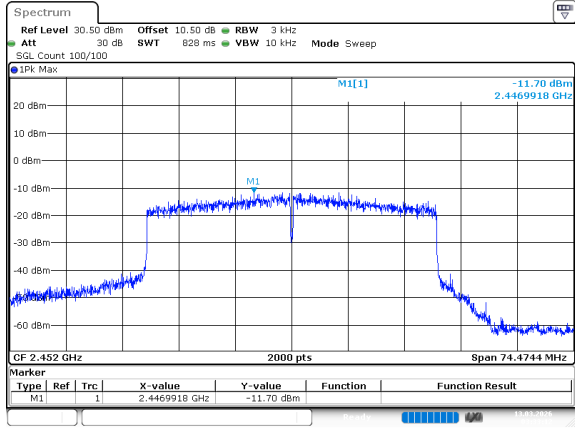
802.11be40_2437MHz_RU_FULL_Ant 0



ProjectNo.:2601P12244E-RF Tester:Kungfmaster Liang
Date: 2.APR.2026 12:08:51

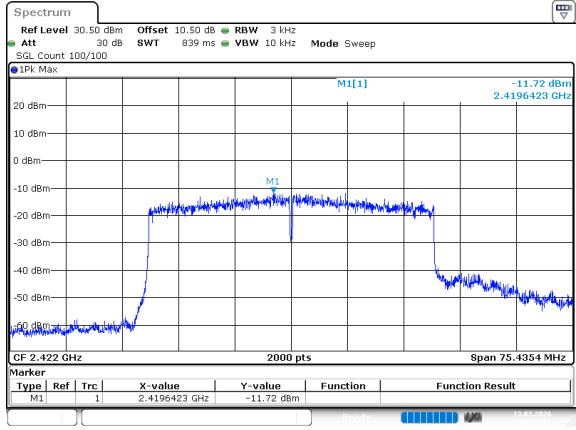
Ant 1

802.11be40_2452MHz_RU_FULL_Ant 0



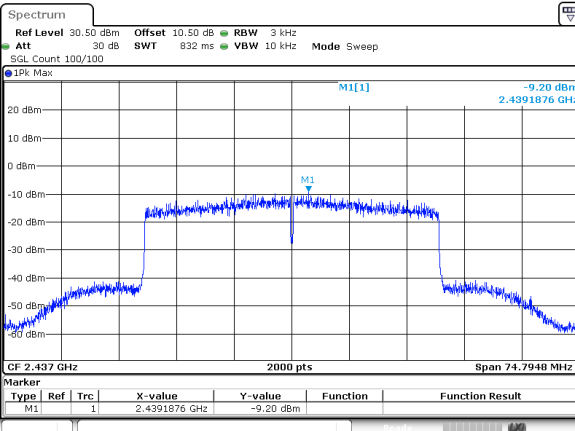
ProjectNo.:2601P12244E-RF Tester:Kungfmaster Liang
Date: 13.MAR.2026 03:33:12

802.11be40_2422MHz_RU_FULL_Ant 1



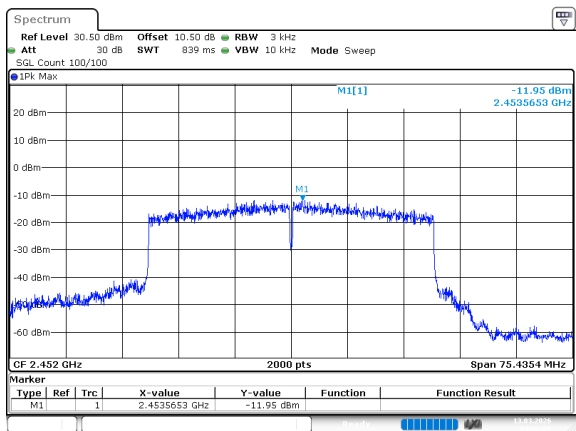
ProjectNo.:2601P12244E-RF Tester:Kungfmaster Liang
Date: 13.MAR.2026 04:27:03

802.11be40_2437MHz_RU_FULL_Ant 1



ProjectNo.:2601P12244E-RF Tester:Kungfmaster Liang
Date: 2.APR.2026 12:00:13

802.11be40_2452MHz_RU_FULL_Ant 1



ProjectNo.:2601P12244E-RF Tester:Kungfmaster Liang
Date: 13.MAR.2026 04:32:30

100 kHz Bandwidth of Frequency Band Edge**Test Information:**

Sample No.:	3GAV-5	Test Date:	2026/03/13
Test Site:	RF	Test Mode:	Transmitting
Tester:	Kungfumaster Liang	Test Result:	Pass

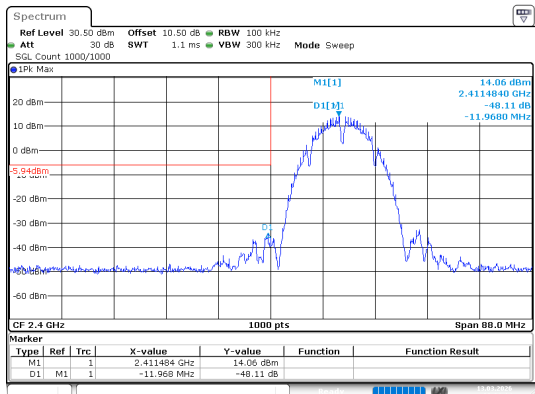
Environmental Conditions:

Temperature: (°C)	24.7	Relative Humidity: (%)	50	ATM Pressure: (kPa)	101.2
----------------------	------	------------------------------	----	------------------------	-------

Test Data:

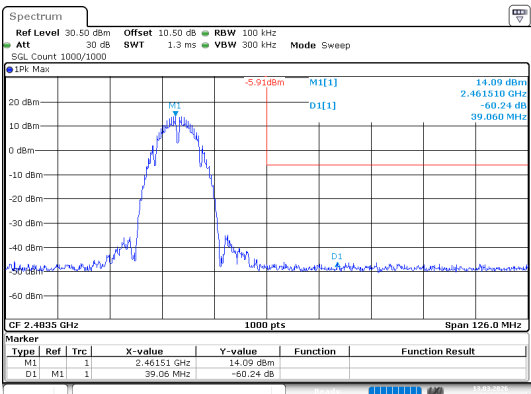
Ant 0

802.11b_2412MHz_Ant 0



ProjectNo.:2601P12244E-RF Tester:Kungfumaster Liang
Date: 13.MAR.2026 02:21:14

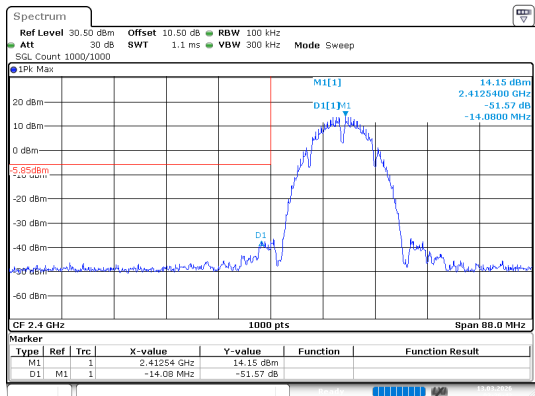
802.11b_2462MHz_Ant 0



ProjectNo.:2601P12244E-RF Tester:Kungfumaster Liang
Date: 13.MAR.2026 02:24:45

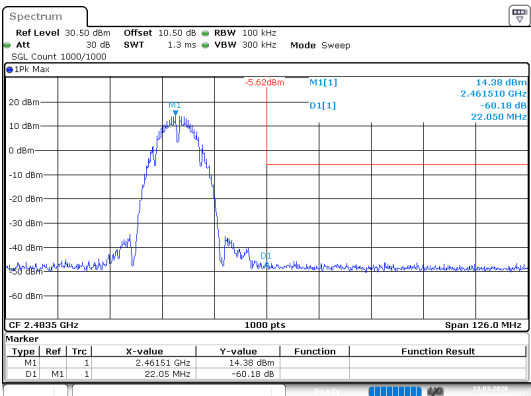
Ant 1

802.11b_2412MHz_Ant 1



ProjectNo.:2601P12244E-RF Tester:Kungfumaster Liang
Date: 13.MAR.2026 03:16:43

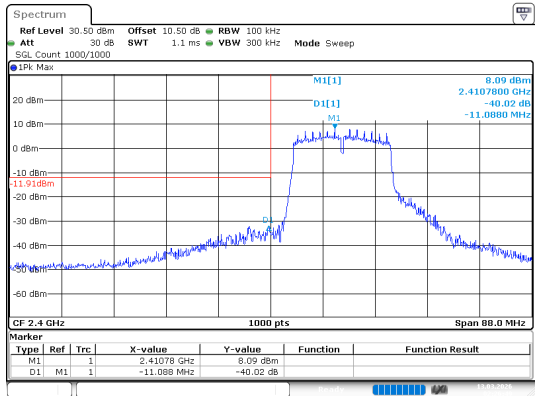
802.11b_2462MHz_Ant 1



ProjectNo.:2601P12244E-RF Tester:Kungfumaster Liang
Date: 13.MAR.2026 03:19:59

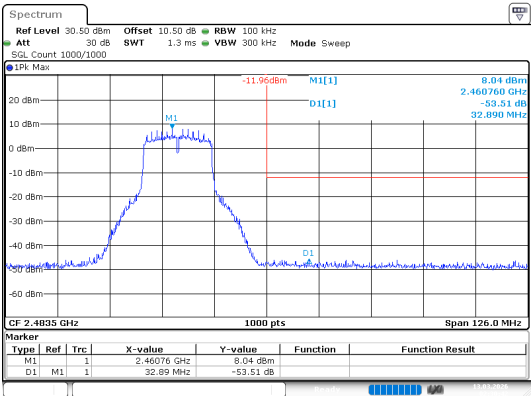
Ant 0

802.11g_2412MHz_Ant 0



ProjectNo.:2601P12244E-RF Tester:Kungfumaster Liang
Date: 13.MAR.2026 02:26:49

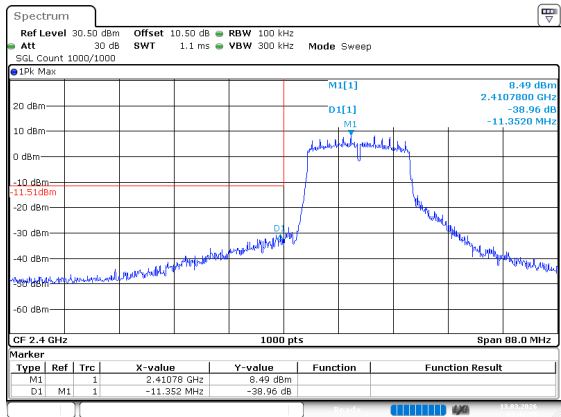
802.11g_2462MHz_Ant 0



ProjectNo.:2601P12244E-RF Tester:Kungfumaster Liang
Date: 13.MAR.2026 02:30:42

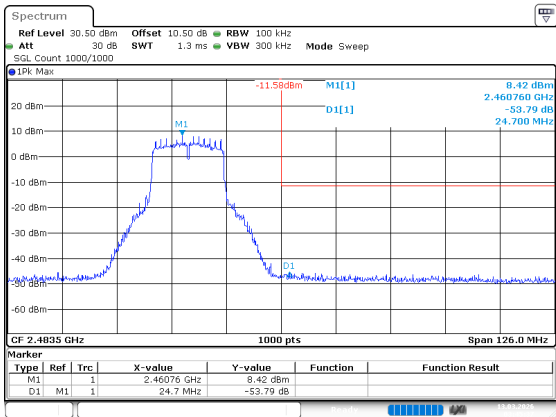
Ant 1

802.11g_2412MHz_Ant 1



ProjectNo.:2601P12244E-RF Tester:Kungfumaster Liang
Date: 13.MAR.2026 03:41:59

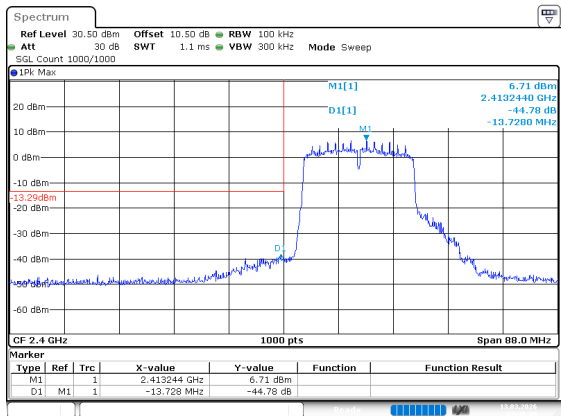
802.11g_2462MHz_Ant 1



ProjectNo.:2601P12244E-RF Tester:Kungfumaster Liang
Date: 13.MAR.2026 03:45:37

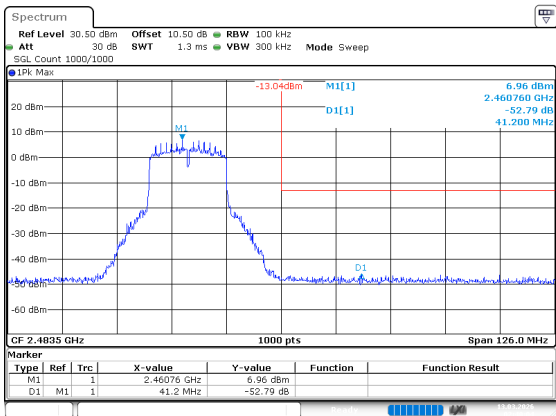
Ant 0

802.11n20_2412MHz_Ant 0



ProjectNo.:2601P12244E-RF Tester:Kungfumaster Liang
Date: 13.MAR.2026 02:36:09

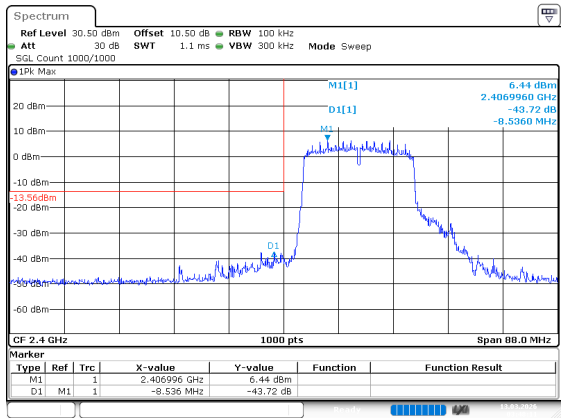
802.11n20_2462MHz_Ant 0



ProjectNo.:2601P12244E-RF Tester:Kungfumaster Liang
Date: 13.MAR.2026 02:40:04

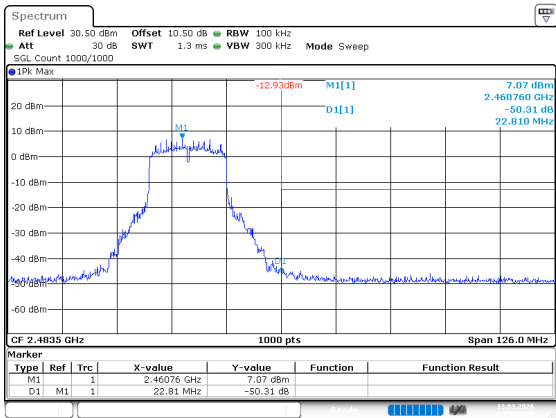
Ant 1

802.11n20_2412MHz_Ant 1



ProjectNo.:2601P12244E-RF Tester:Kungfumaster Liang
Date: 13.MAR.2026 03:48:11

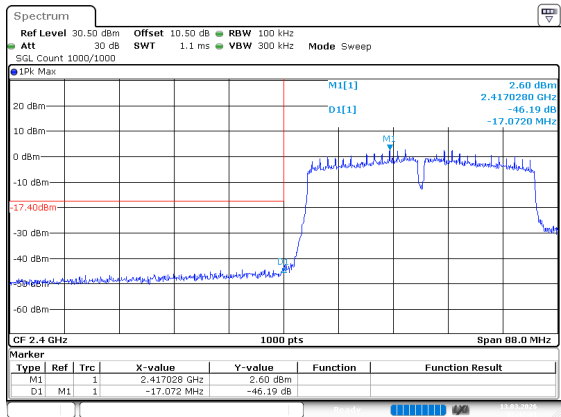
802.11n20_2462MHz_Ant 1



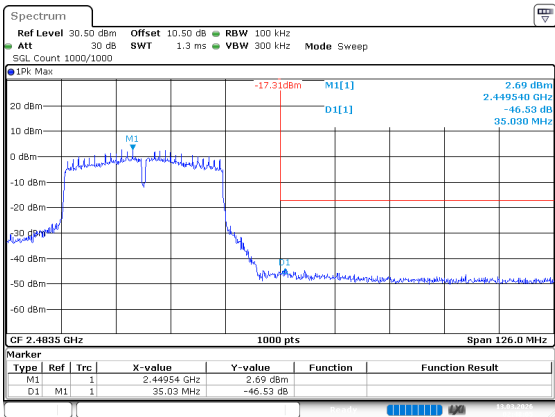
ProjectNo.:2601P12244E-RF Tester:Kungfumaster Liang
Date: 13.MAR.2026 03:52:00

Ant 0

802.11n40_2422MHz_Ant 0

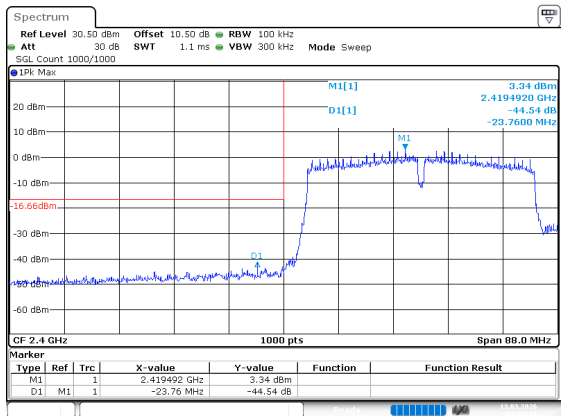


802.11n40_2452MHz_Ant 0

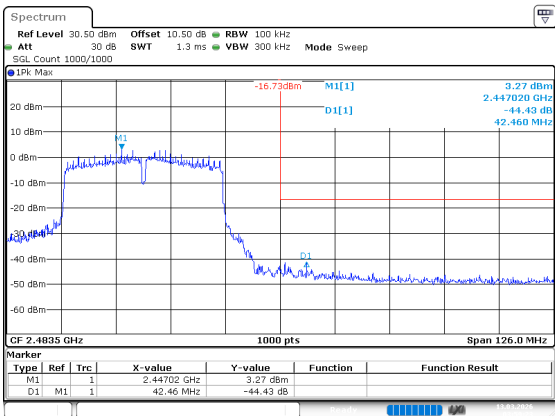


Ant 1

802.11n40_2422MHz_Ant 1

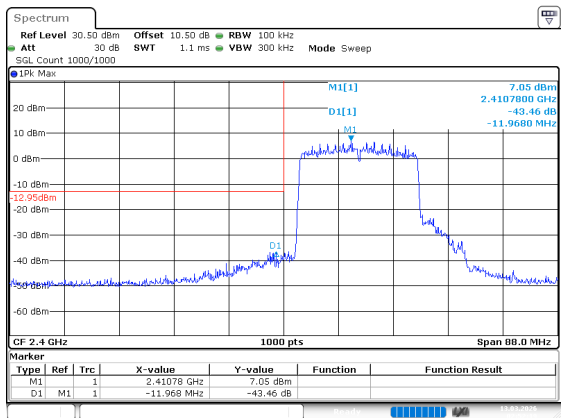


802.11n40_2452MHz_Ant 1

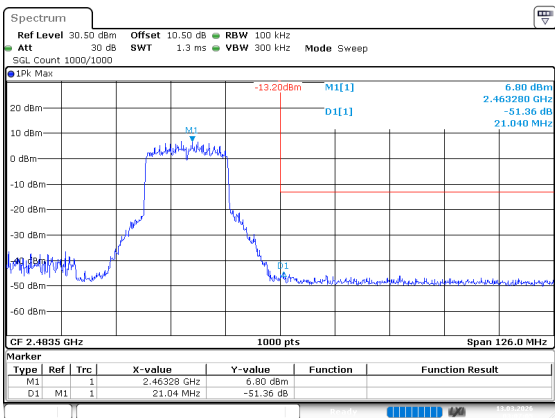


Ant 0

802.11ax20_2412MHz_RU_FULL_Ant 0

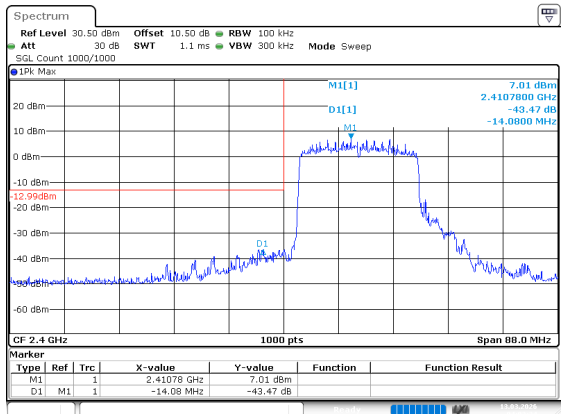


802.11ax20_2462MHz_RU_FULL_Ant 0



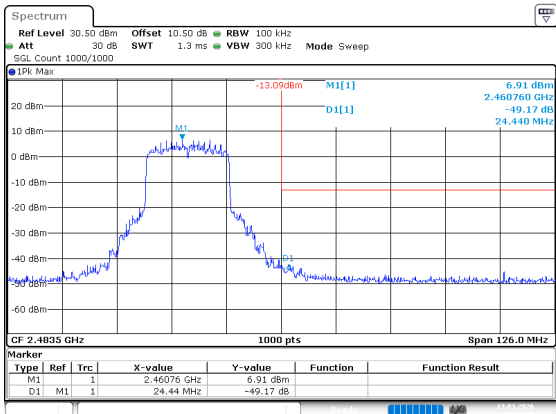
Ant 1

802.11ax20_2412MHz_RU_FULL_Ant 1



ProjectNo.:2601P12244E-RF Tester:Kungfumaster Liang
Date: 13.MAR.2026 04:02:24

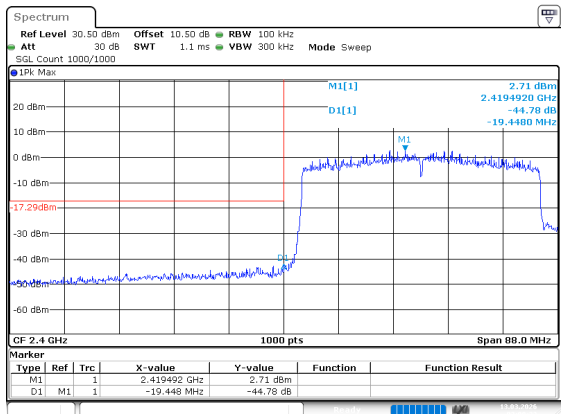
802.11ax20_2462MHz_RU_FULL_Ant 1



ProjectNo.:2601P12244E-RF Tester:Kungfumaster Liang
Date: 13.MAR.2026 04:06:19

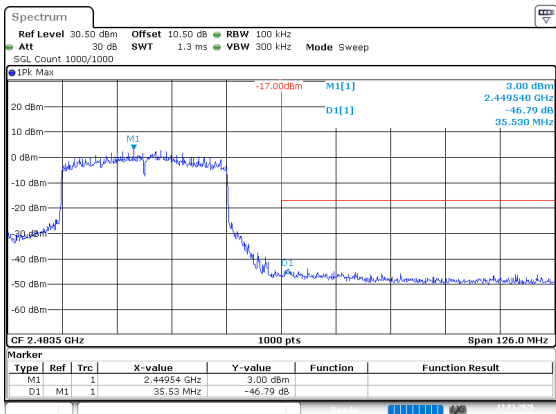
Ant 0

802.11ax40_2422MHz_RU_FULL_Ant 0



ProjectNo.:2601P12244E-RF Tester:Kungfumaster Liang
Date: 13.MAR.2026 03:09:32

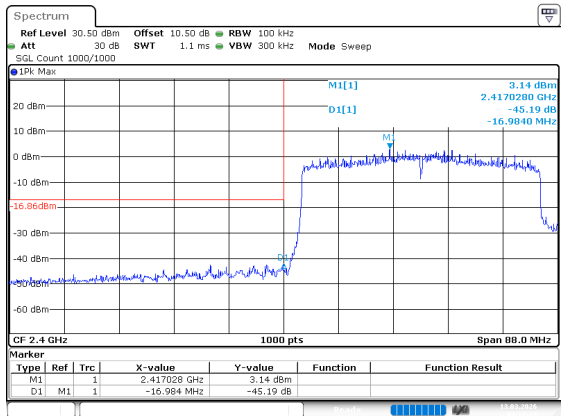
802.11ax40_2452MHz_RU_FULL_Ant 0



ProjectNo.:2601P12244E-RF Tester:Kungfumaster Liang
Date: 13.MAR.2026 03:14:36

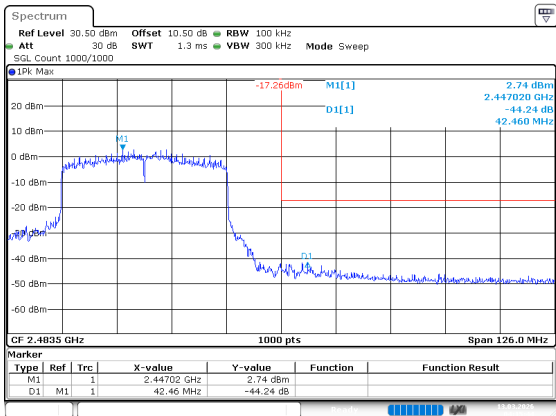
Ant 1

802.11ax40_2422MHz_RU_FULL_Ant 1



ProjectNo.:2601P12244E-RF Tester:Kungfumaster Liang
Date: 13.MAR.2026 04:10:23

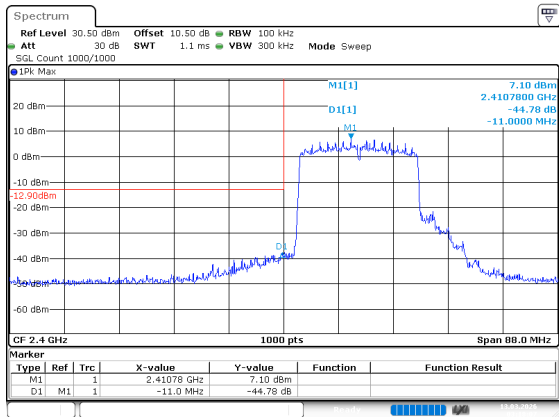
802.11ax40_2452MHz_RU_FULL_Ant 1



ProjectNo.:2601P12244E-RF Tester:Kungfumaster Liang
Date: 13.MAR.2026 04:15:44

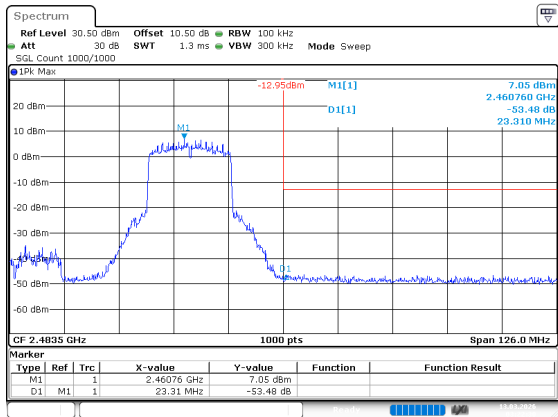
Ant 0

802.11be20_2412MHz_RU_FULL_Ant 0



ProjectNo.:2601P12244E-RF Tester:Kungfumaster Liang
Date: 13.MAR.2026 03:18:07

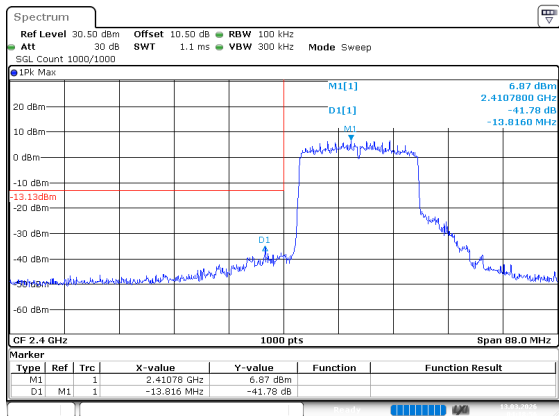
802.11be20_2462MHz_RU_FULL_Ant 0



ProjectNo.:2601P12244E-RF Tester:Kungfumaster Liang
Date: 13.MAR.2026 03:22:30

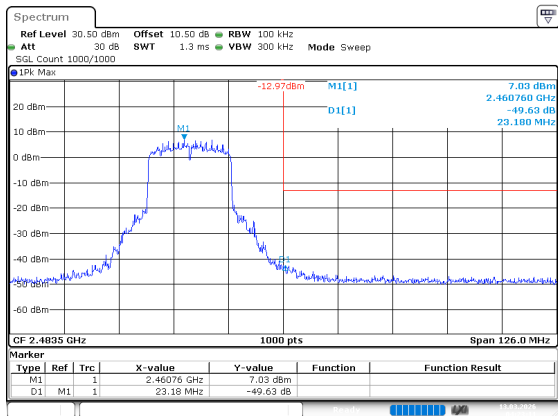
Ant 1

802.11be20_2412MHz_RU_FULL_Ant 1



ProjectNo.:2601P12244E-RF Tester:Kungfumaster Liang
Date: 13.MAR.2026 04:18:57

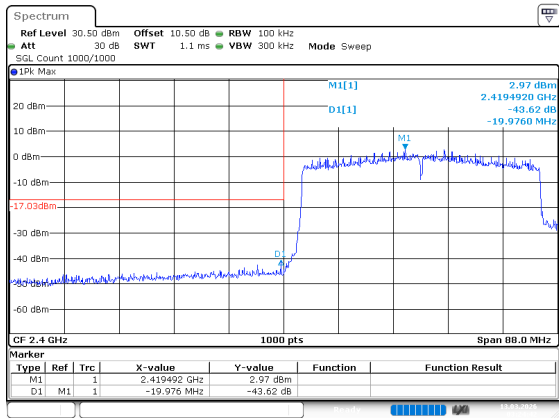
802.11be20_2462MHz_RU_FULL_Ant 1



ProjectNo.:2601P12244E-RF Tester:Kungfumaster Liang
Date: 13.MAR.2026 04:23:11

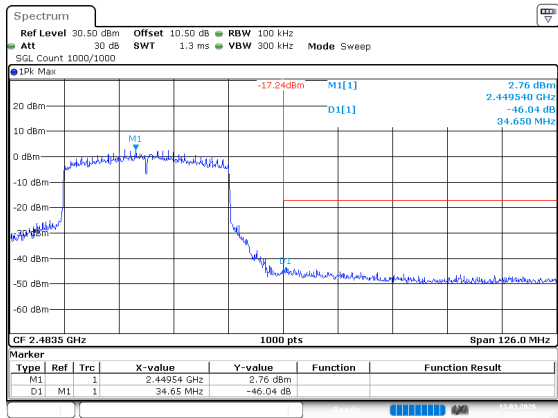
Ant 0

802.11be40_2422MHz_RU_FULL_Ant 0



ProjectNo.:2601P12244E-RF Tester:Kungfumaster Liang
Date: 13.MAR.2026 03:24:42

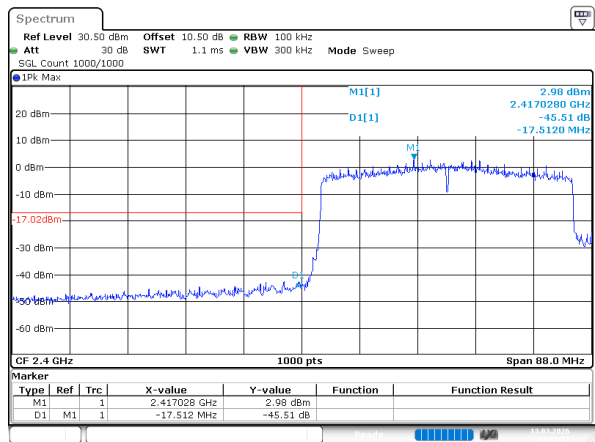
802.11be40_2452MHz_RU_FULL_Ant 0



ProjectNo.:2601P12244E-RF Tester:Kungfumaster Liang
Date: 13.MAR.2026 03:31:32

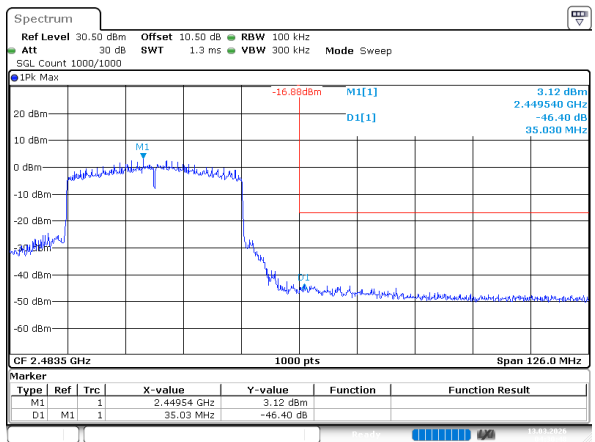
Ant 1

802.11be40_2422MHz_RU_FULL_Ant 1



ProjectNo.:2601P12244E-RF Tester:Kungfumaster Liang
Date: 13.MAR.2026 04:25:22

802.11be40_2452MHz_RU_FULL_Ant 1



ProjectNo.:2601P12244E-RF Tester:Kungfumaster Liang
Date: 13.MAR.2026 04:30:48

Duty Cycle**Test Information:**

Sample No.:	3GAV-5	Test Date:	2026/03/13-2026/04/02
Test Site:	RF	Test Mode:	Transmitting
Tester:	Kungfumaster Liang	Test Result:	N/A

Environmental Conditions:

Temperature: (°C)	22.1~24.7	Relative Humidity: (%)	41~50	ATM Pressure: (kPa)	100.6~101.2
----------------------	-----------	------------------------------	-------	------------------------	-------------

Test Data:

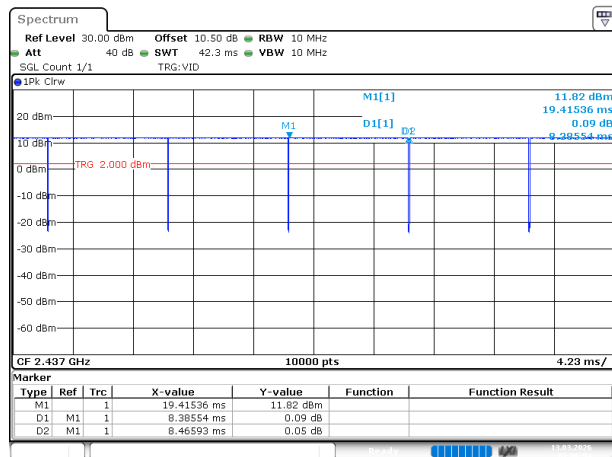
Ant 0:

Mode	Test Frequency (MHz)	Ton (ms)	Ton+Toff (ms)	Duty Cycle (%)	Duty Cycle Factor(dB)	1/Ton (Hz)	VBW Setting (kHz)
802.11b	2437	8.386	8.466	99.06	/	/	0.010
802.11g	2437	1.391	1.454	95.67	0.19	719	1
802.11n20	2437	1.307	1.370	95.40	0.20	765	1
802.11n40	2437	0.647	0.700	92.43	0.34	1546	2
802.11ax20_RU_FULL	2437	1.022	1.076	94.98	0.22	978	1
802.11ax40_RU_FULL	2437	0.542	0.605	89.59	0.48	1845	2
802.11be20_RU_FULL	2437	1.203	1.266	95.02	0.22	831	1
802.11be40_RU_FULL	2437	0.639	0.693	92.21	0.35	1565	2

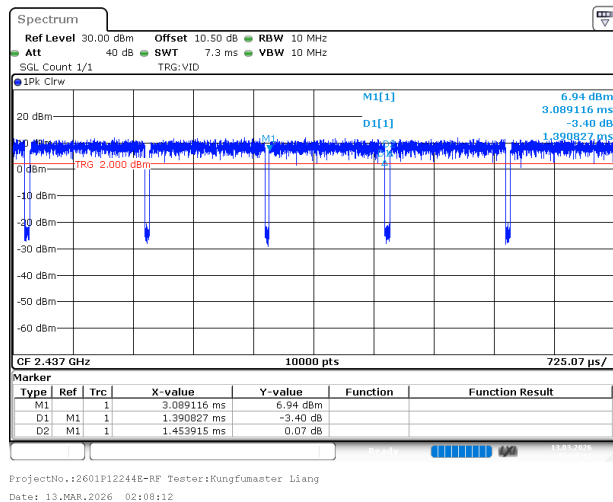
Duty Cycle = Ton/(Ton+Toff)*100%

Ant 0:

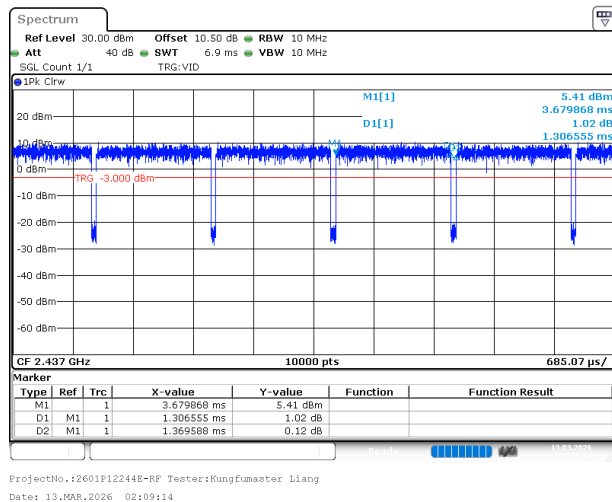
802.11b_2437MHz



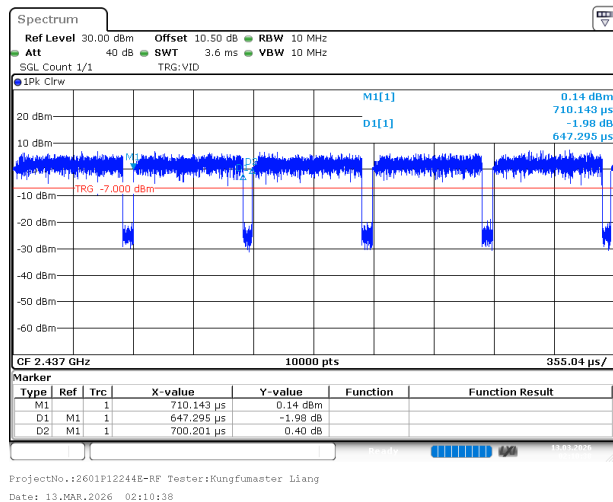
802.11g_2437MHz



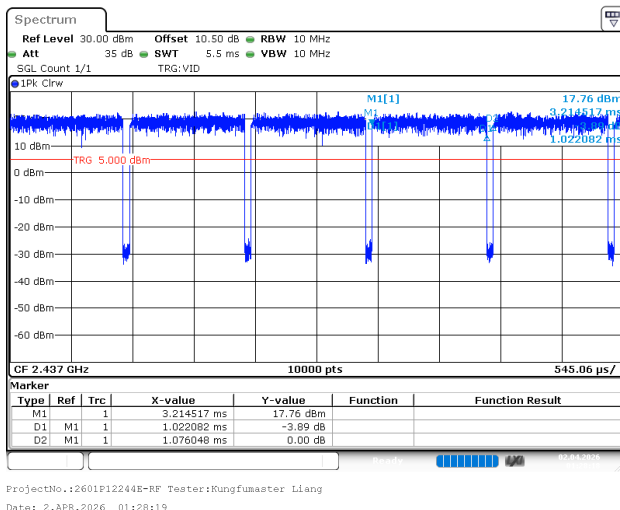
802.11n20_2437MHz



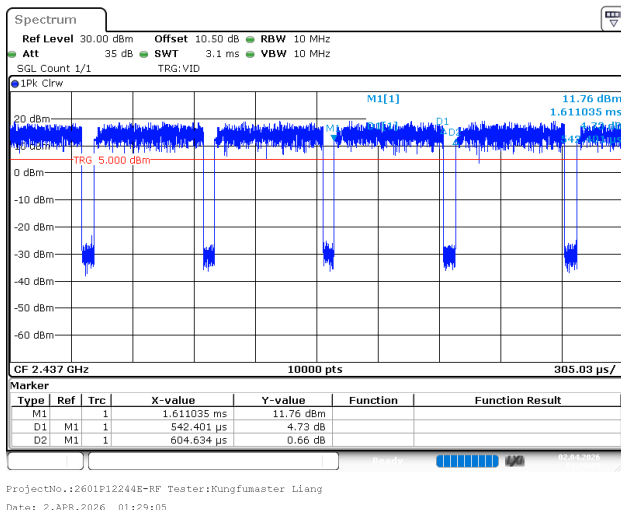
802.11n40_2437MHz

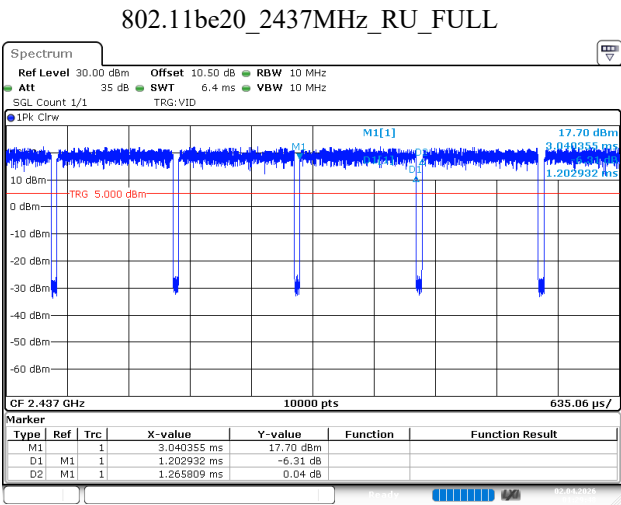


802.11ax20_2437MHz_RU_FULL

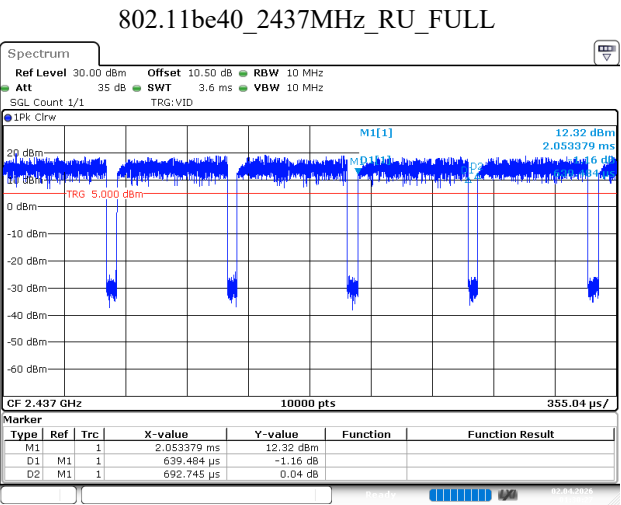


802.11ax40_2437MHz_RU_FULL





ProjectNo.:2601P12244E-RF Tester:Rungfumaester Liang
Date: 2.APR.2026 01:29:48



ProjectNo.:2601P12244E-RF Tester:Rungfumaester Liang
Date: 2.APR.2026 01:30:27

Conducted Spurious Emission**Test Information:**

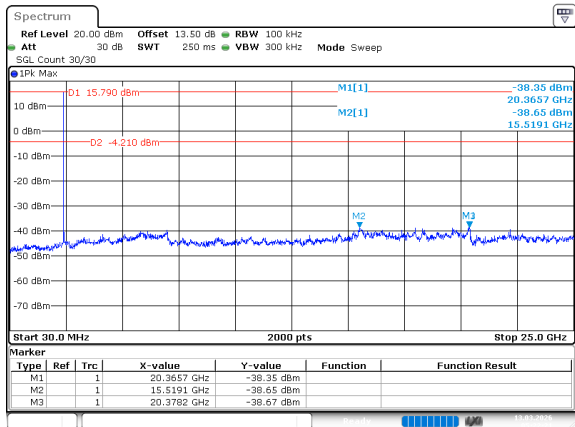
Sample No.:	3GAV-5	Test Date:	2026/03/13
Test Site:	RF	Test Mode:	Transmitting
Tester:	Kungfumaster Liang	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	24.7	Relative Humidity: (%)	50	ATM Pressure: (kPa)	101.2
----------------------	------	------------------------------	----	------------------------	-------

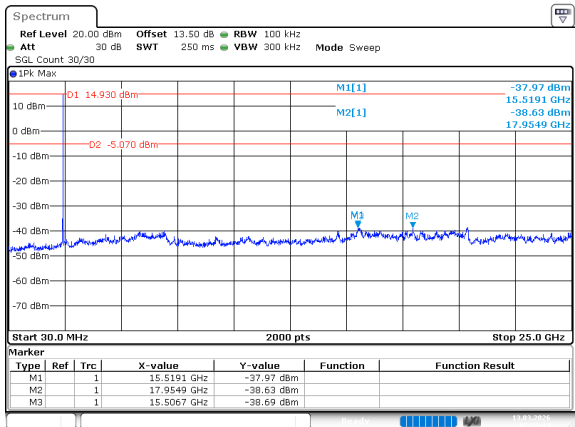
Ant 0

802.11b_2412MHz_Ant 0



ProjectNo.:2601P12244E-RF Tester:Kungfumaster Liang
Date: 13.MAR.2026 05:22:22

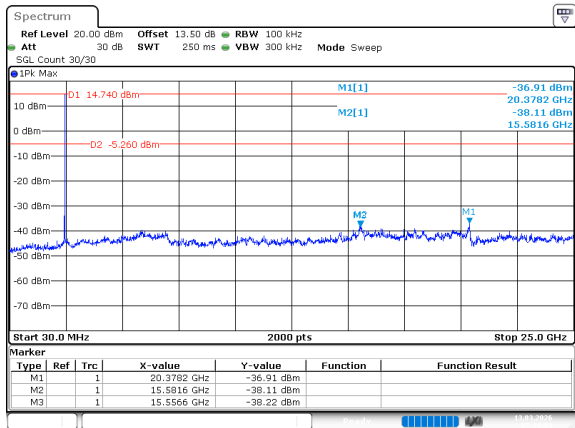
802.11b_2437MHz_Ant 0



ProjectNo.:2601P12244E-RF Tester:Kungfumaster Liang
Date: 13.MAR.2026 05:23:14

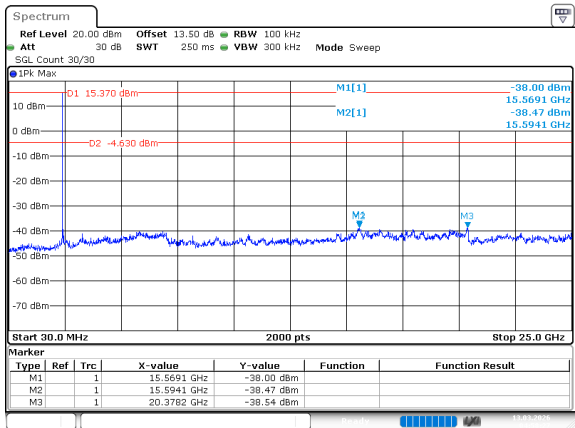
Ant 1

802.11b_2462MHz_Ant 0



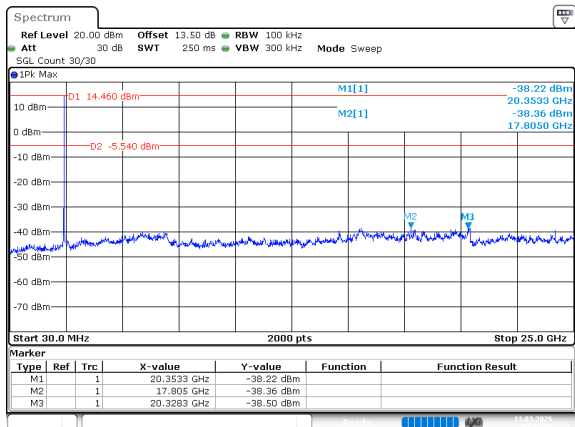
ProjectNo.:2601P12244E-RF Tester:Kungfumaster Liang
Date: 13.MAR.2026 05:24:03

802.11b_2412MHz_Ant 1



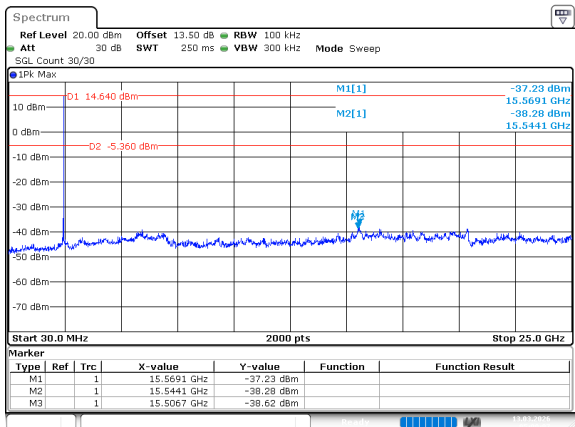
ProjectNo.:2601P12244E-RF Tester:Kungfumaster Liang
Date: 13.MAR.2026 04:58:28

802.11b_2437MHz_Ant 1



ProjectNo.:2601P12244E-RF Tester:Kungfumaster Liang
Date: 13.MAR.2026 04:59:16

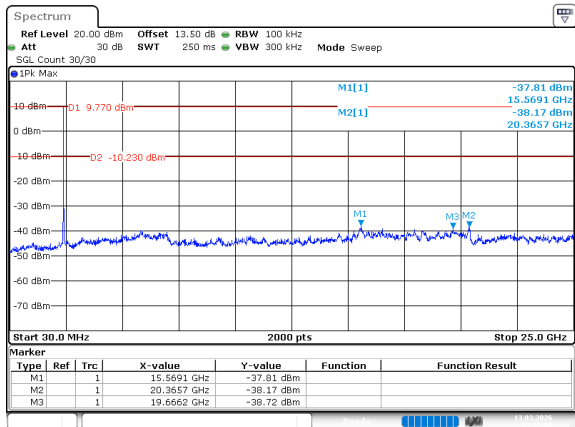
802.11b_2462MHz_Ant 1



ProjectNo.:2601P12244E-RF Tester:Kungfumaster Liang
Date: 13.MAR.2026 05:00:07

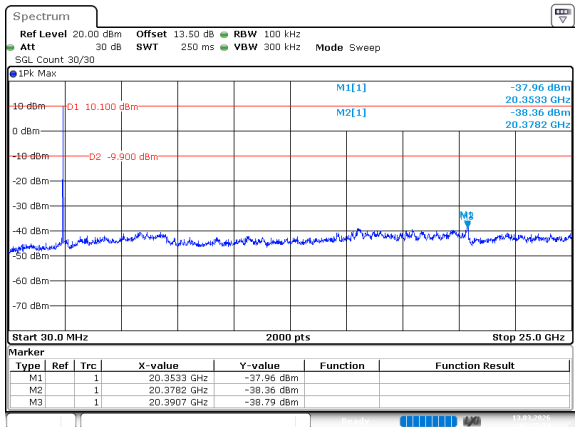
Ant 0

802.11g_2412MHz_Ant 0



ProjectNo.:2601P12244E-RF Tester:Kungfumaster Liang
Date: 13.MAR.2026 05:25:01

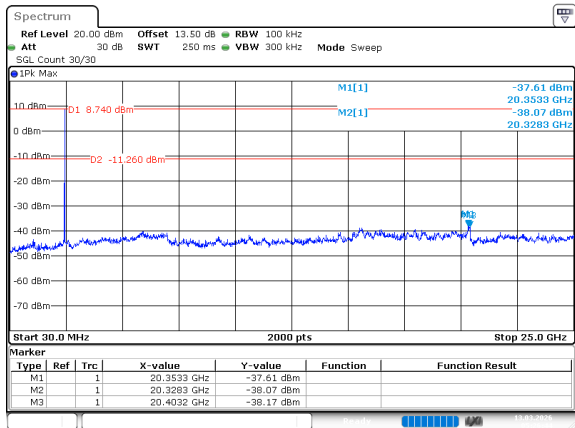
802.11g_2437MHz_Ant 0



ProjectNo.:2601P12244E-RF Tester:Kungfumaster Liang
Date: 13.MAR.2026 05:25:54

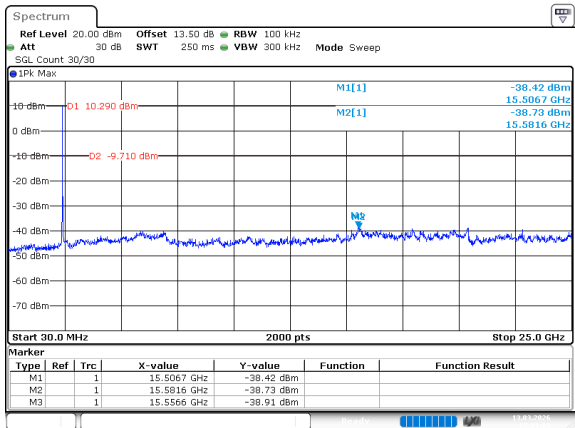
Ant 1

802.11g_2462MHz_Ant 0



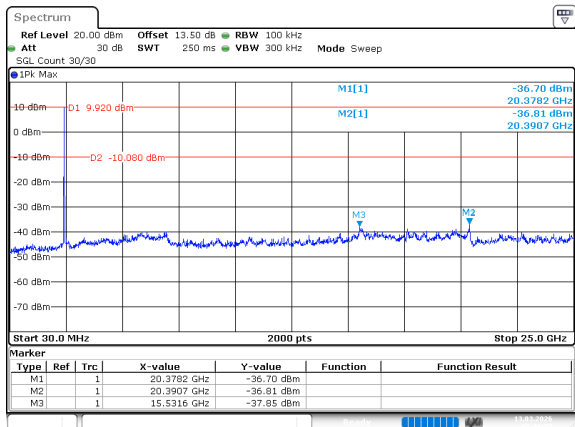
ProjectNo.:2601P12244E-RF Tester:Kungfumaster Liang
Date: 13.MAR.2026 05:26:44

802.11g_2412MHz_Ant 1



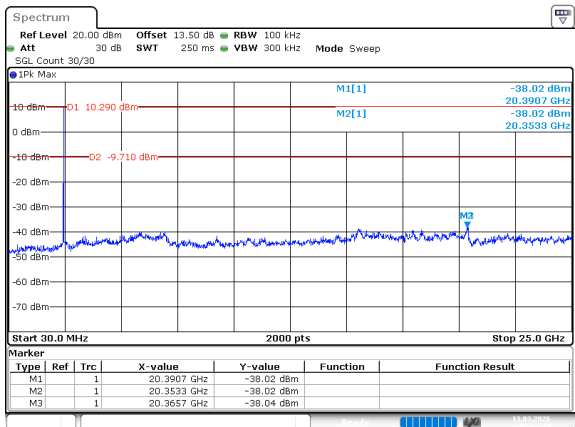
ProjectNo.:2601P12244E-RF Tester:Kungfumaster Liang
Date: 13.MAR.2026 05:01:08

802.11g_2437MHz_Ant 1



ProjectNo.:2601P12244E-RF Tester:Kungfumaster Liang
Date: 13.MAR.2026 05:01:55

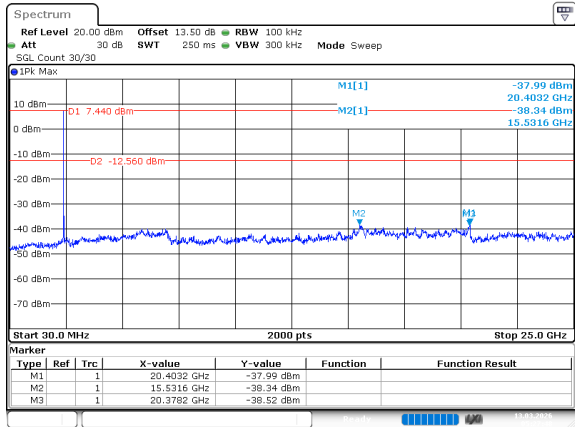
802.11g_2462MHz_Ant 1



ProjectNo.:2601P12244E-RF Tester:Kungfumaster Liang
Date: 13.MAR.2026 05:02:44

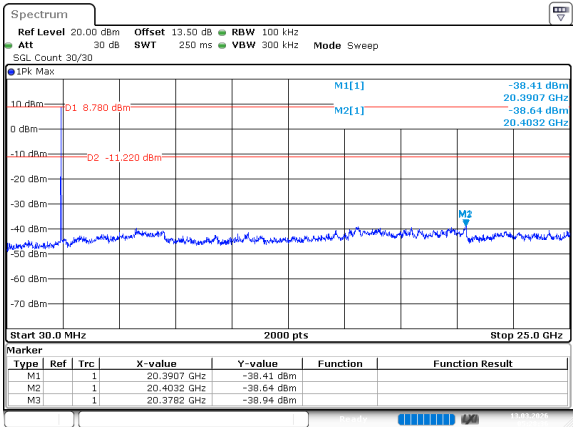
Ant 0

802.11n20_2412MHz_Ant 0



ProjectNo.:2601P12244E-RF Tester:Kungfumaster Liang
Date: 13.MAR.2026 05:27:48

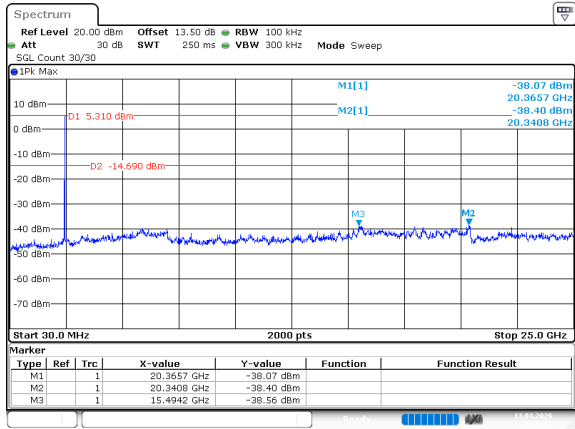
802.11n20_2437MHz_Ant 0



ProjectNo.:2601P12244E-RF Tester:Kungfumaster Liang
Date: 13.MAR.2026 05:28:36

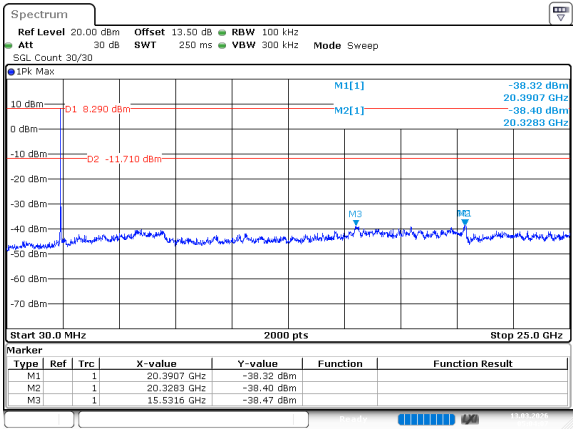
Ant 1

802.11n20_2462MHz_Ant 0



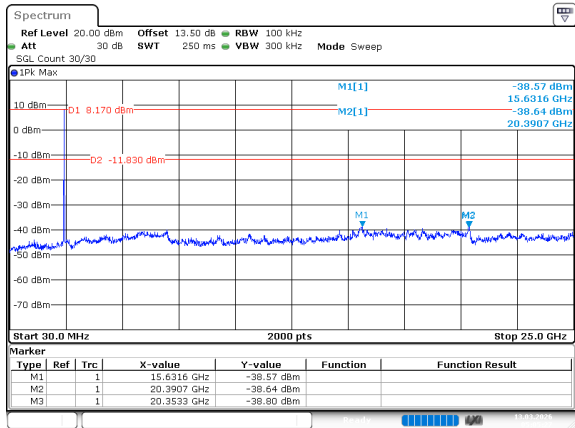
ProjectNo.:2601P12244E-RF Tester:Kungfumaster Liang
Date: 13.MAR.2026 05:29:29

802.11n20_2412MHz_Ant 1



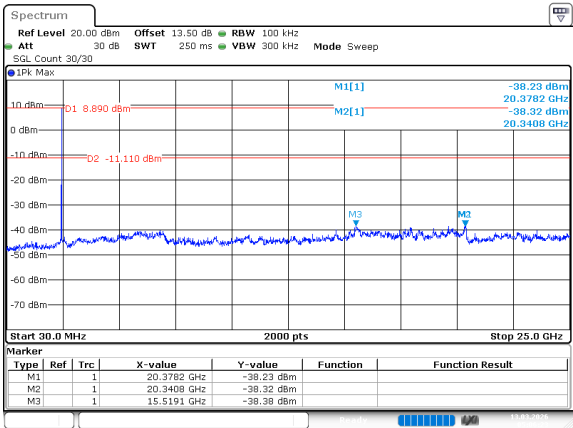
ProjectNo.:2601P12244E-RF Tester:Kungfumaster Liang
Date: 13.MAR.2026 05:04:08

802.11n20_2437MHz_Ant 1



ProjectNo.:2601P12244E-RF Tester:Kungfumaster Liang
Date: 13.MAR.2026 05:05:27

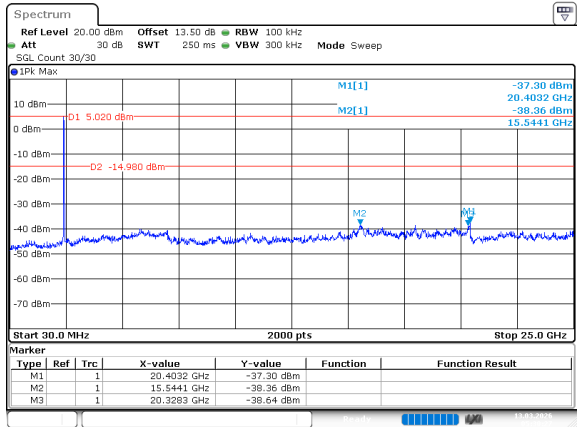
802.11n20_2462MHz_Ant 1



ProjectNo.:2601P12244E-RF Tester:Kungfumaster Liang
Date: 13.MAR.2026 05:06:23

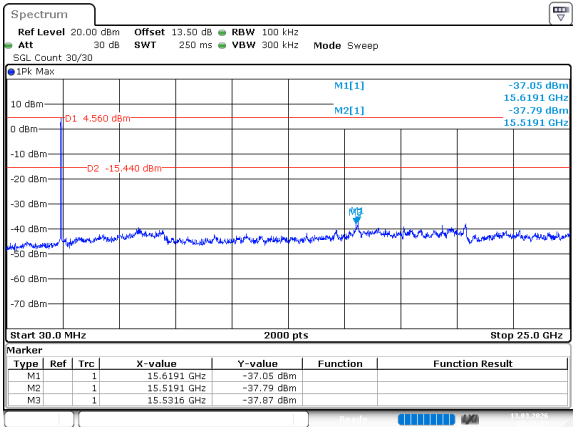
Ant 0

802.11n40_2422MHz_Ant 0



ProjectNo.:2601P12244E-RF Tester:Kungfumaster Liang
Date: 13.MAR.2026 05:10:27

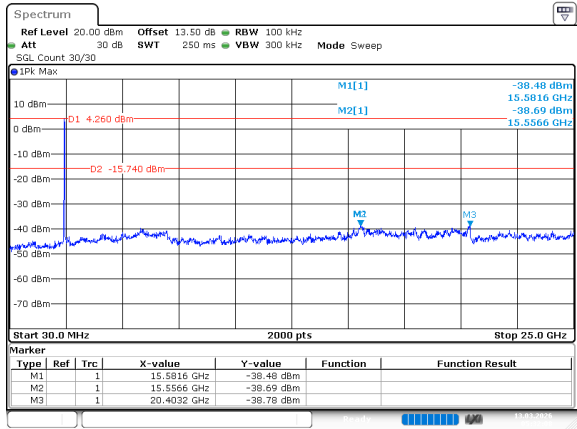
802.11n40_2437MHz_Ant 0



ProjectNo.:2601P12244E-RF Tester:Kungfumaster Liang
Date: 13.MAR.2026 05:11:17

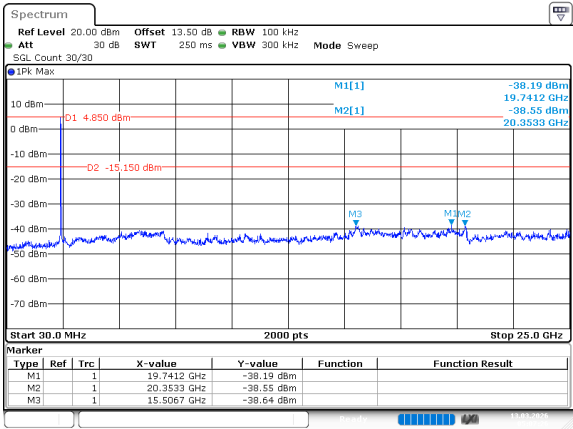
Ant 1

802.11n40_2452MHz_Ant 0



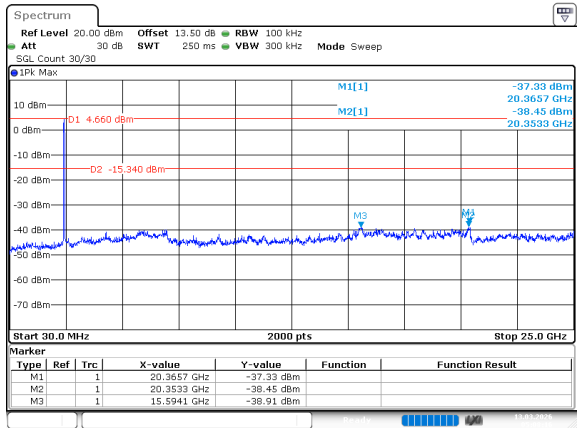
ProjectNo.:2601P12244E-RF Tester:Kungfumaster Liang
Date: 13.MAR.2026 05:12:08

802.11n40_2422MHz_Ant 1



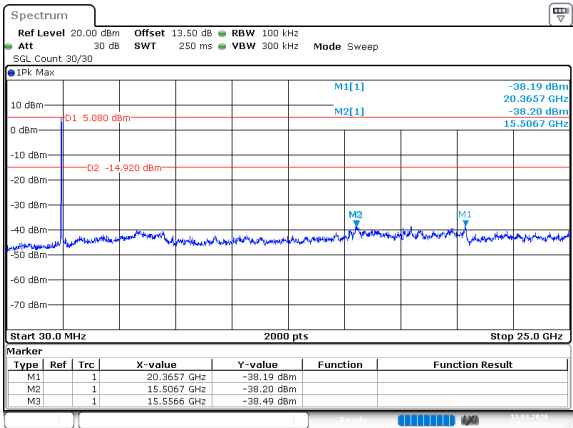
ProjectNo.:2601P12244E-RF Tester:Kungfumaster Liang
Date: 13.MAR.2026 05:10:26

802.11n40_2437MHz_Ant 1



ProjectNo.:2601P12244E-RF Tester:Kungfumaster Liang
Date: 13.MAR.2026 05:08:16

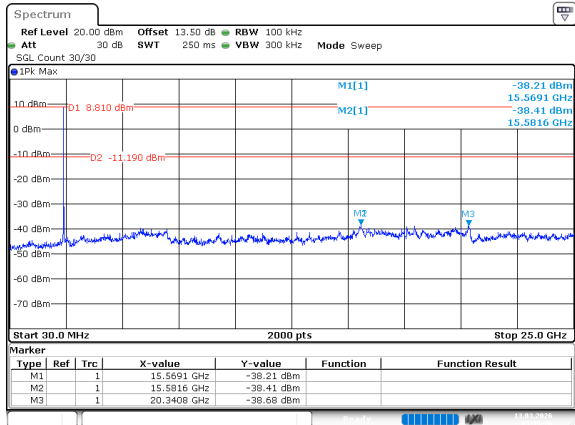
802.11n40_2452MHz_Ant 1



ProjectNo.:2601P12244E-RF Tester:Kungfumaster Liang
Date: 13.MAR.2026 05:09:09

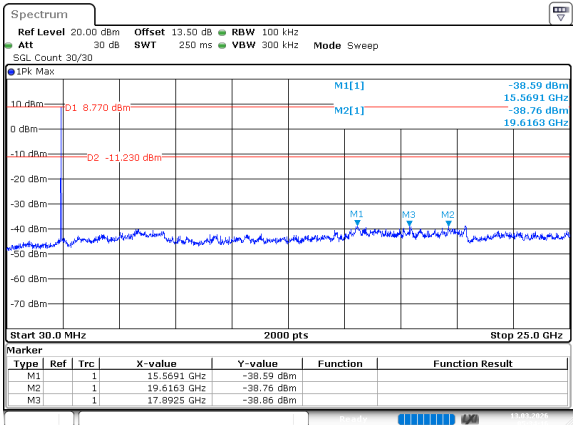
Ant 0

802.11ax20_2412MHz_RU_FULL_Ant 0



ProjectNo.:2601P12244E-RF Tester:Kungfumaster Liang
Date: 13.MAR.2026 05:13:29

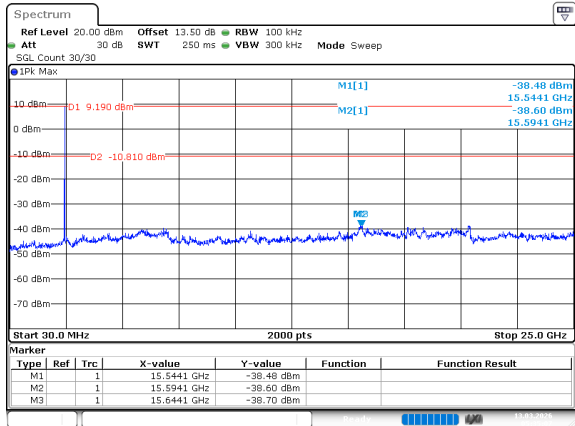
802.11ax20_2437MHz_RU_FULL_Ant 0



ProjectNo.:2601P12244E-RF Tester:Kungfumaster Liang
Date: 13.MAR.2026 05:14:17

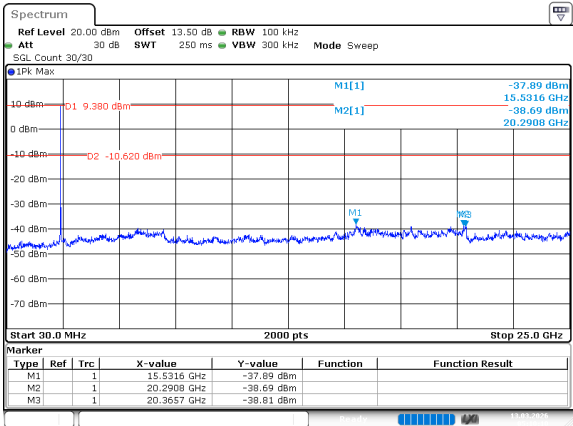
Ant 1

802.11ax20_2462MHz_RU_FULL_Ant 0



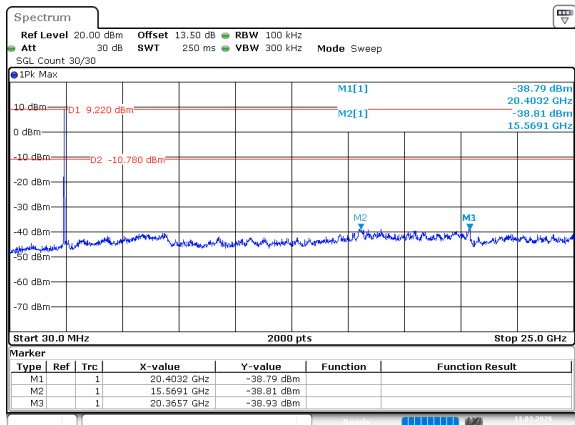
ProjectNo.:2601P12244E-RF Tester:Kungfumaster Liang
Date: 13.MAR.2026 05:15:07

802.11ax20_2412MHz_RU_FULL_Ant 1



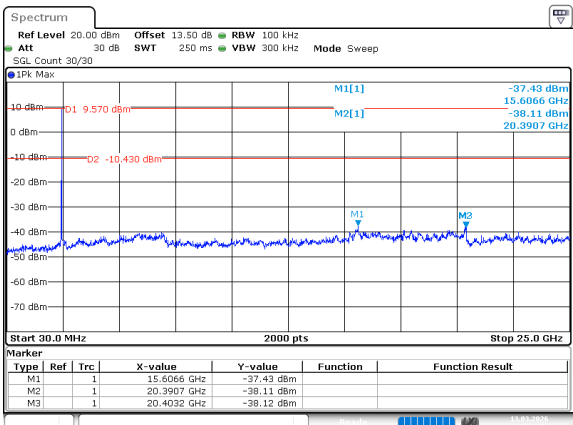
ProjectNo.:2601P12244E-RF Tester:Kungfumaster Liang
Date: 13.MAR.2026 05:10:11

802.11ax20_2437MHz_RU_FULL_Ant 1



ProjectNo.:2601P12244E-RF Tester:Kungfumaster Liang
Date: 13.MAR.2026 05:11:00

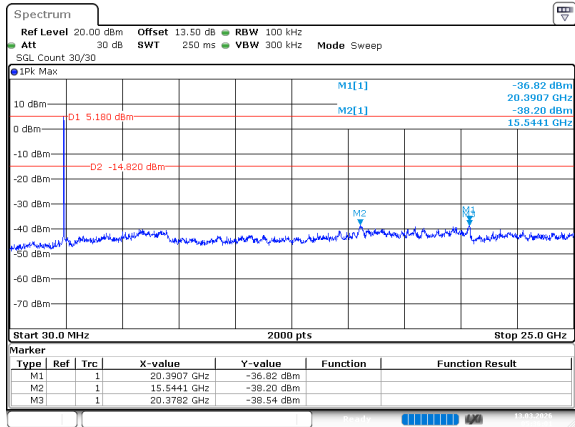
802.11ax20_2462MHz_RU_FULL_Ant 1



ProjectNo.:2601P12244E-RF Tester:Kungfumaster Liang
Date: 13.MAR.2026 05:11:50

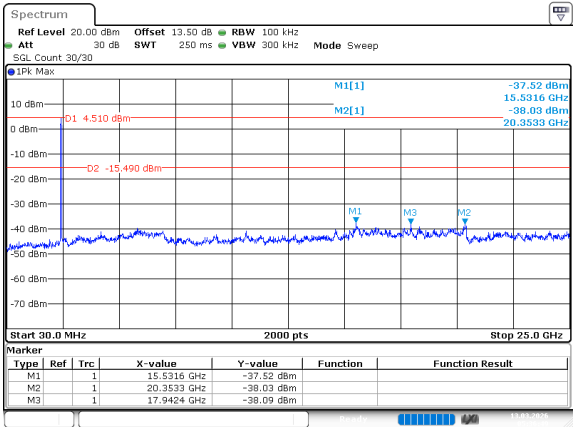
Ant 0

802.11ax40_2422MHz_RU_FULL_Ant 0



ProjectNo.:2601P12244E-RF Tester:Kungfumaster Liang
Date: 13.MAR.2026 05:16:01

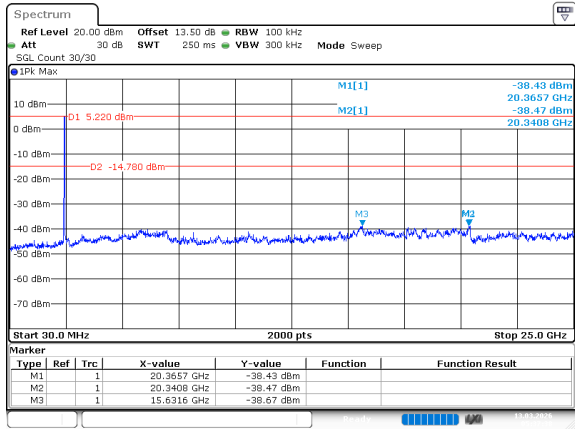
802.11ax40_2437MHz_RU_FULL_Ant 0



ProjectNo.:2601P12244E-RF Tester:Kungfumaster Liang
Date: 13.MAR.2026 05:16:49

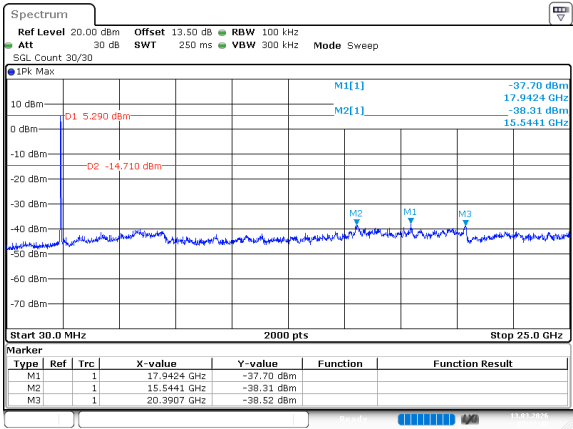
Ant 1

802.11ax40_2452MHz_RU_FULL_Ant 0



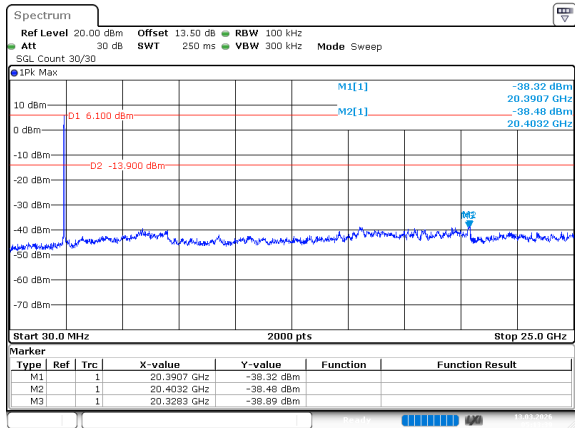
ProjectNo.:2601P12244E-RF Tester:Kungfumaster Liang
Date: 13.MAR.2026 05:17:38

802.11ax40_2422MHz_RU_FULL_Ant 1



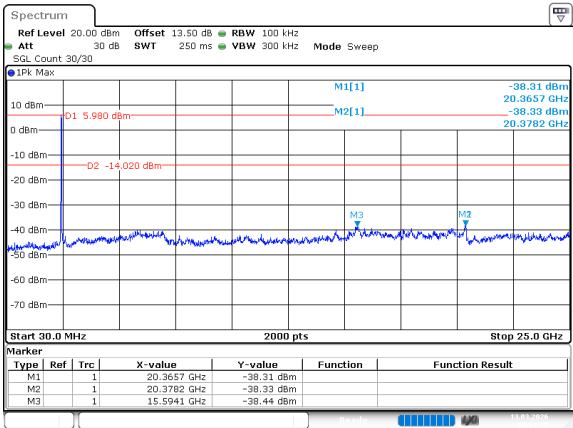
ProjectNo.:2601P12244E-RF Tester:Kungfumaster Liang
Date: 13.MAR.2026 05:12:48

802.11ax40_2437MHz_RU_FULL_Ant 1



ProjectNo.:2601P12244E-RF Tester:Kungfumaster Liang
Date: 13.MAR.2026 05:13:39

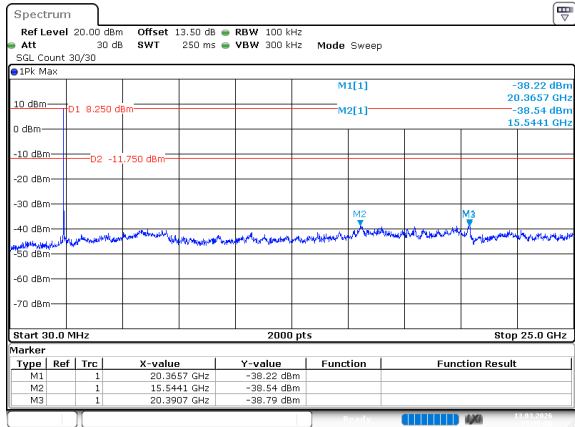
802.11ax40_2452MHz_RU_FULL_Ant 1



ProjectNo.:2601P12244E-RF Tester:Kungfumaster Liang
Date: 13.MAR.2026 05:14:29

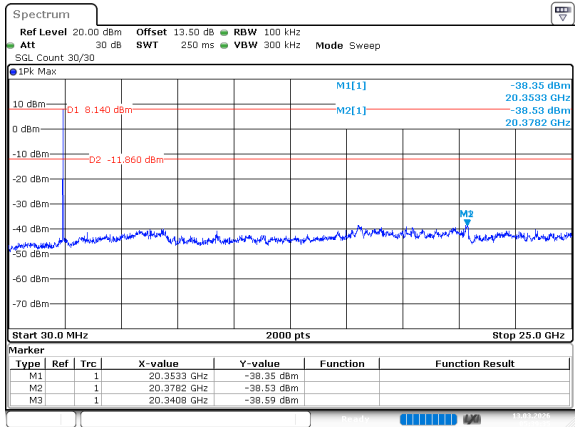
Ant 0

802.11be20_2412MHz_RU_FULL_Ant 0



ProjectNo.:2601P12244E-RF Tester:Kungfumaster Liang
Date: 13.MAR.2026 05:38:50

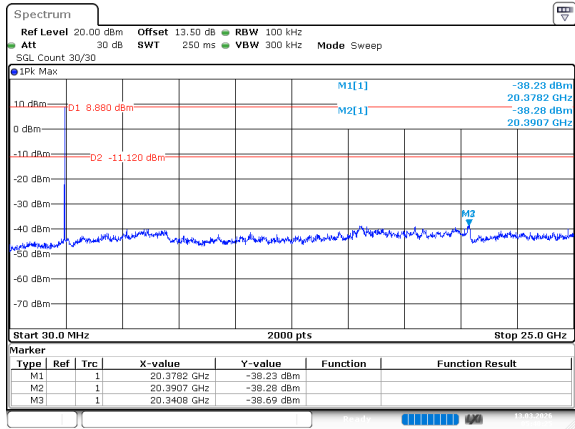
802.11be20_2437MHz_RU_FULL_Ant 0



ProjectNo.:2601P12244E-RF Tester:Kungfumaster Liang
Date: 13.MAR.2026 05:39:36

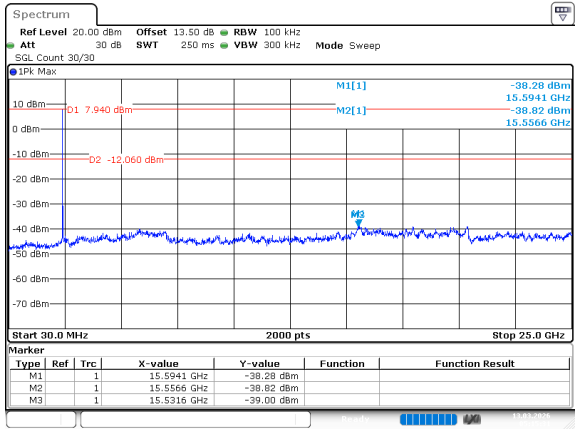
Ant 1

802.11be20_2462MHz_RU_FULL_Ant 0



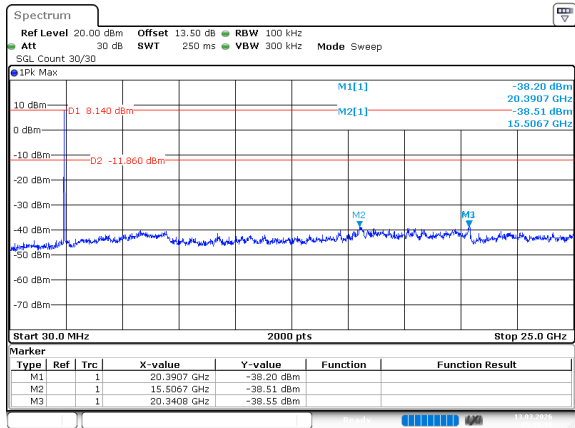
ProjectNo.:2601P12244E-RF Tester:Kungfumaster Liang
Date: 13.MAR.2026 05:40:25

802.11be20_2412MHz_RU_FULL_Ant 1



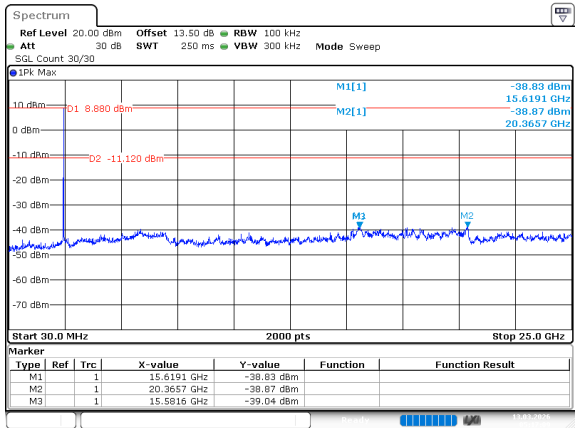
ProjectNo.:2601P12244E-RF Tester:Kungfumaster Liang
Date: 13.MAR.2026 05:15:31

802.11be20_2437MHz_RU_FULL_Ant 1



ProjectNo.:2601P12244E-RF Tester:Kungfumaster Liang
Date: 13.MAR.2026 05:16:20

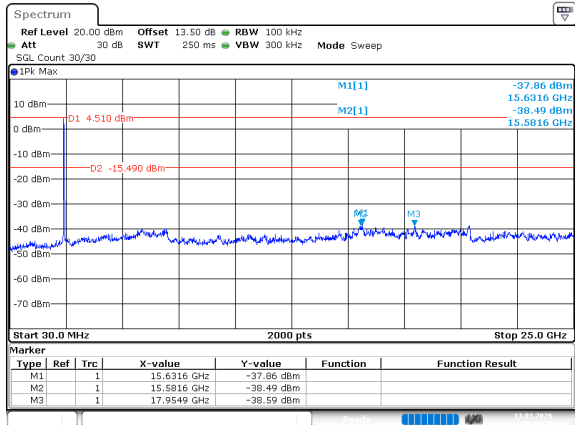
802.11be20_2462MHz_RU_FULL_Ant 1



ProjectNo.:2601P12244E-RF Tester:Kungfumaster Liang
Date: 13.MAR.2026 05:17:09

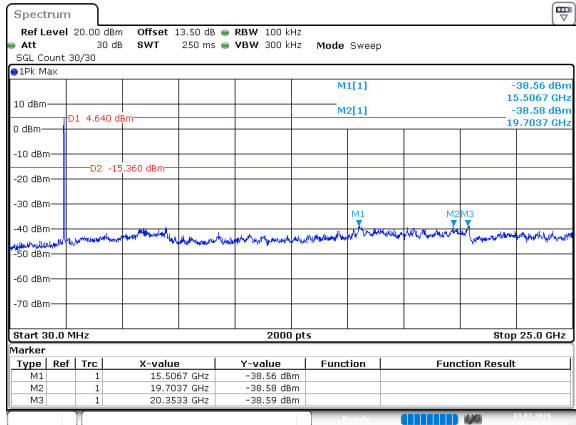
Ant 0

802.11be40_2422MHz_RU_FULL_Ant 0



ProjectNo.:2601P12244E-RF Tester:Kungfumaster Liang
Date: 13.MAR.2026 05:41:28

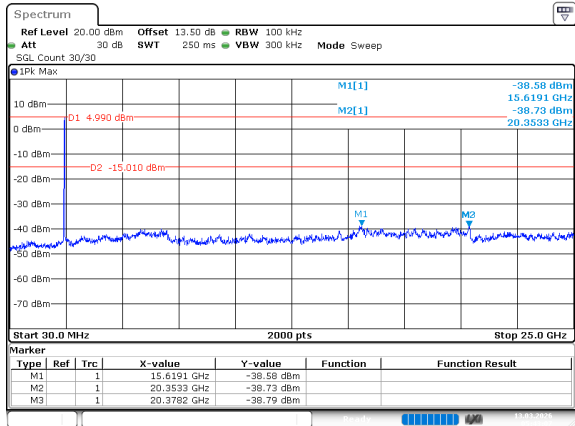
802.11be40_2437MHz_RU_FULL_Ant 0



ProjectNo.:2601P12244E-RF Tester:Kungfumaster Liang
Date: 13.MAR.2026 05:42:17

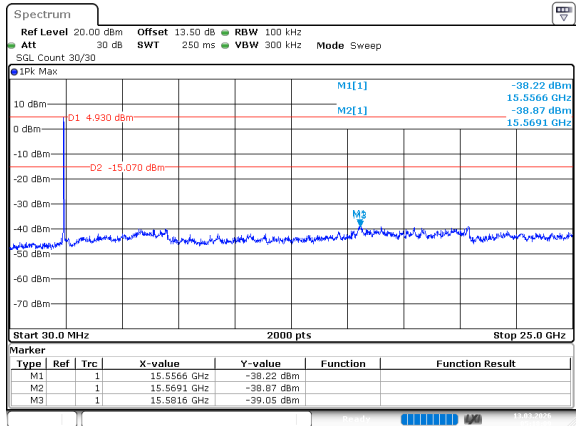
Ant 1

802.11be40_2452MHz_RU_FULL_Ant 0



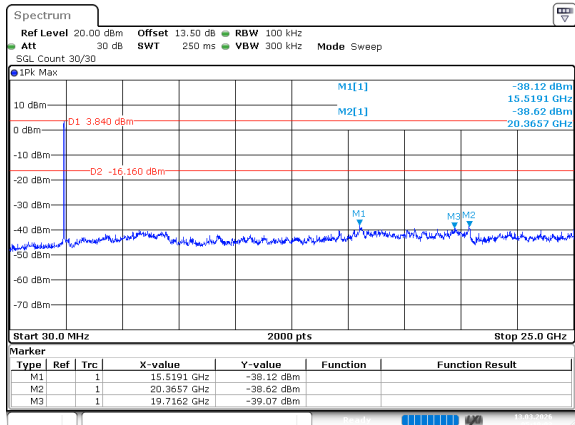
ProjectNo.:2601P12244E-RF Tester:Kungfumaster Liang
Date: 13.MAR.2026 05:43:07

802.11be40_2422MHz_RU_FULL_Ant 1



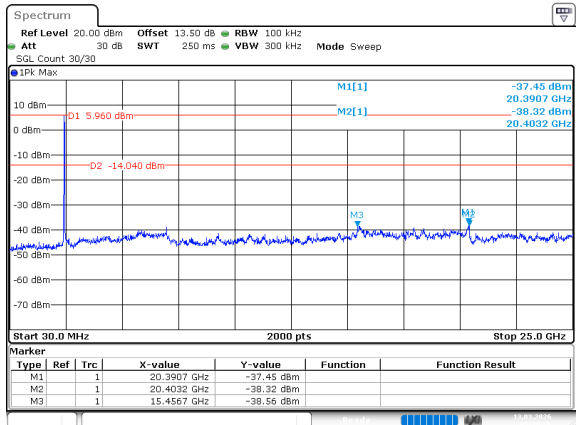
ProjectNo.:2601P12244E-RF Tester:Kungfumaster Liang
Date: 13.MAR.2026 05:18:09

802.11be40_2437MHz_RU_FULL_Ant 1



ProjectNo.:2601P12244E-RF Tester:Kungfumaster Liang
Date: 13.MAR.2026 05:19:03

802.11be40_2452MHz_RU_FULL_Ant 1



ProjectNo.:2601P12244E-RF Tester:Kungfumaster Liang
Date: 13.MAR.2026 05:19:57

RF EXPOSURE EVALUATION

MAXIMUM PERMISSIBLE EXPOSURE (MPE)

Applicable Standard

According to subpart 15.247(i) and subpart §1.1310, 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.

Result

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:

For worst case:

Mode	Frequency (MHz)	Antenna Gain [#]		Max Tune-up Power [#]		Evaluation Distance (cm)	Power Density (mW/cm ²)	MPE Limit (mW/cm ²)
		(dBi)	(numeric)	(dBm)	(mW)			
2.4G Wi-Fi	2412-2462	6.77	4.75	28.5	707.95	30	0.2975	1.0
5G Wi-Fi	5150-5250	10.46	11.12	23	199.53	30	0.1963	1.0
	5250-5350	10.46	11.12	22	158.49	30	0.1559	1.0
	5470-5725	10.46	11.12	20	100.00	30	0.0984	1.0
	5725-5850	10.46	11.12	25.5	354.81	30	0.3490	1.0
	5850-5895	10.46	11.12	24	251.19	30	0.2471	1.0

Note:

- 1) The tune up conducted power and antenna gain was declared by the applicant.
- 2) The antenna gain should be the directional gain.
- 3) The 2.4G Wi-Fi and 5G Wi-Fi can simultaneous transmitting.

Simultaneous transmitting consideration (worst case):

The ratio= $MPE_{2.4G\ Wi-Fi}/limit + MPE_{5G\ Wi-Fi}/limit = 0.2975/1.0 + 0.3490/1.0 = 0.647 < 1.0$,
so simultaneous exposure is compliant.

To maintain compliance with the FCC's RF exposure guidelines, place the equipment at least 30cm from nearby persons.

Result: Compliant

EXPOSURE LIMITS

Applicable Standard

According to RSS-102 Issue 6 §5.3.2:

Table 7: RF field strength and power density limits for devices used by the general public (uncontrolled environment)

Frequency range (MHz)	Electric field (V _{RMS} /m)	Magnetic field (A _{RMS} /m)	Power density (W/m ²)	Reference period (minutes)
10-20	27.46	0.0728	2	6
20-48	58.07 / $f^{0.25}$	0.1540 / $f^{0.25}$	8.944 / $f^{0.5}$	6
48-300	22.06	0.05852	1.291	6
300-6000	3.142 $f^{0.3417}$	0.008335 $f^{0.3417}$	0.02619 $f^{0.6834}$	6
6000-15000	61.4	0.163	10	6
15000-150000	61.4	0.163	10	616000 / $f^{1.2}$
150000-300000	0.158 $f^{0.5}$	4.21×10 ⁻⁴ $f^{0.5}$	6.67×10 ⁻⁵ f	616000 / $f^{1.2}$

Note: f is frequency in MHz.

Calculated Formulary:

Predication of MPE limit at a given distance

$$S = \frac{PG}{4\pi R^2}$$

S = power density (in appropriate units, e.g. W/m²)

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

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., m)

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

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

Mode	Frequency (MHz)	Antenna Gain [#]		Tune up output power [#]		Evaluation Distance	Power Density	MPE Limit
		(dBi)	(numeric)	(dBm)	(W)			
2.4G Wi-Fi	2412-2462	6.77	4.75	28.5	0.708	0.3	2.975	5.37
5G Wi-Fi	5150-5250	10.46	11.12	15	0.032	0.3	0.315	9.01
	5250-5350	10.46	11.12	17	0.05	0.3	0.492	9.13
	5470-5725	10.46	11.12	20	0.1	0.3	0.984	9.39
	5725-5850	10.46	11.12	25.5	0.355	0.3	3.492	9.69
	5850-5895	10.46	11.12	25	0.316	0.3	3.109	9.83

Note:

- 1) The tune up conducted power and antenna gain was declared by the applicant.
- 2) The antenna gain should be the directional gain.
- 3) The 2.4G Wi-Fi and 5G Wi-Fi can simultaneous transmitting.

Simultaneous transmitting consideration (worst case):

The ratio= $\text{MPE}_{2.4\text{G Wi-Fi}}/\text{limit} + \text{MPE}_{5\text{G Wi-Fi}}/\text{limit} = 2.975/5.37 + 3.492/9.69 = 0.914 < 1.0$,
so simultaneous exposure is compliant.

Result: Compliant

Note: To maintain compliance with the RF exposure guidelines, place the equipment at least 30cm from nearby persons.

EUT PHOTOGRAPHS

Please refer to the attachment 2601P12244E-RF-EXP External photo and 2601P12244E-RF-INP Internal photo.

TEST SETUP PHOTOGRAPHS

Please refer to the attachment 2601P12244E-RFA-TSP Test Setup photo.

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