

**Radio equipment according to Certification
Ordinance Article 2 Section 1 No.19
According to MIC notification. No. 88 of 2004, Annex 43
for
Information Technology Equipment (Marine Apparatus)
Model No.: B04277**

of

Applicant: Garmin Corporation
Address: No.68, Zhangshu 2nd Rd., Xizhi Dist., New Taipei City 221, Taiwan

Tested and Prepared

By

Worldwide Testing Services (Taiwan) Co., Ltd.

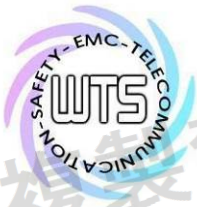
Report No.: W6R22508-24656-J-1

6F, NO. 58, LANE 188, RUEY-KUANG RD., NEIHU TAIPEI 114, TAIWAN, R.O.C.
TEL: 886-2-66068877 FAX: 886-2-66068879 E-mail: wts@wts-lab.com



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1 General Information

1.1 Notes

The purpose of conformity testing is to increase the probability of adherence to the essential requirements or conformity specifications, as appropriate.

The complexity of the technical specifications, however, means that full and thorough testing is impractical for both technical and economic reasons.

Furthermore, there is no guarantee that a test sample, which has passed all the relevant tests conforms to a specification.

Neither is there any guarantee that such a test sample will interwork with other genuinely open systems.

The existence of the tests nevertheless provides the confidence that the test sample possesses the qualities as maintained and that its performance generally conforms to representative cases of communications equipment.

Laboratory disclaimer-

1. The test results of this test report relate exclusively to the item tested as specified in 1.5.
2. The test report may only be reproduced or published in full.
3. Reproduction or publication of extracts from the report requires the prior written approval of the Worldwide Testing Services (Taiwan) Co., Ltd.
4. Antenna gain is provided by applicant and laboratory issue relevant data and results.



Worldwide Testing Services(Taiwan) Co., Ltd.

Tester:

September 18, 2025

Rick Chen

Rick Chen.

Date

WTS-Lab.

Name

Signature

Technical responsibility for area of testing:

September 18, 2025

Kevin Wang

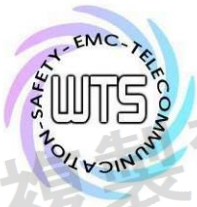
Kevin Wang

Date

WTS

Name

Signature



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1.2 Testing laboratory

1.2.1 Location

10m OATS

No.5-1, Lishui, Shuang Sing Village, Wanli Dist.,
New Taipei City 207, Taiwan (R.O.C.)

3 meter semi-anechoic chamber

No. 99, Sec. 1, Balian Rd., Xizhi Dist.,
New Taipei City 221032, Taiwan (R.O.C.)

Worldwide Testing Services (Taiwan) Co., Ltd.
6F., No. 58, Ln. 188, Ruiguang Rd., Neihu Dist.,
Taipei City 114, Taiwan (R.O.C.)
Tel: 886-2-6606-8877

1.2.2 Details of accreditation status

Accredited testing laboratory

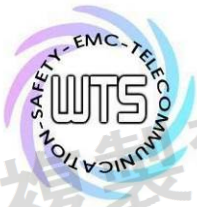
Telefication Reviewed Laboratory: TRL 0501

1.3 Details of applicant

Name : GARMIN Corporation
Street : No.68, Zhangshu 2nd Rd., Xizhi Dist.,
City : New Taipei City 221,
Country : Taiwan

1.4 Application details

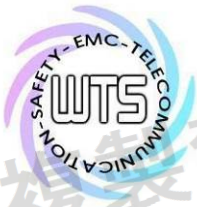
Date of receipt of test item^(1st) : September 25, 2023
Date of test^(1st) : From September 26, 2023 to April 13, 2024
Date of receipt of test item^(2nd) : September 02, 2025
Date of test^(2nd) : From September 03, 2025 to September 16, 2025



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1.5 Equipment information

Description of test item	: Information Technology Equipment (Marine Apparatus)
Type identification	: B04277
Multi-listing model no.	: A04277, C04277, D04277
Trade mark	: GARMIN
Modulation type	: WLAN: DSSS/OFDM Bluetooth Normal & EDR mode: GFSK/ π /4DQPSK/8DPSK Bluetooth Low energy mode: GFSK
Frequency range	: 2.4 GHz - 2.4835 GHz
Tested frequencies	: WLAN: 2.412 – 2.462 GHz Bluetooth: 2.402 – 2.480 GHz ANT: 2.402 – 2.480 GHz
Frequency of the used channel	: WLAN (Mode A-C) Frequency (ch 1): 2.412 GHz Frequency (ch 6): 2.442 GHz Frequency (ch 11): 2.462 GHz Bluetooth Normal+EDR (Mode D) Frequency (ch 0): 2.402 GHz Frequency (ch 39): 2.441 GHz Frequency (ch 78): 2.480 GHz Bluetooth Low energy mode (Mode E) Frequency (ch 0): 2.402 GHz Frequency (ch 19): 2.440 GHz Frequency (ch 39): 2.480 GHz ANT (Mode F) Frequency: 2.402 GHz Frequency: 2.457 GHz Frequency: 2.480 GHz
Type of antenna	: Inverted-F antenna
Antenna gain	: 0.90 dBi (for WLAN), 5.74 dBi (for BT), 4.65 dBi (for ANT)
Rated output power	: WLAN 802.11b: 10 mW/MHz 802.11g: 10 mW/MHz 802.11n 20 MHz: 10 mW/MHz Bluetooth Normal & EDR mode: 3 mW/MHz (20 channels minimum) 3 mW/MHz (79 channels)



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EIRP Bluetooth Low energy mode: 10 mW
ANT: 10 mW (79 channels)
: WLAN (Mode A-C): 10.30dBm
Bluetooth Normal+EDR (Mode D): 10.90dBm
Bluetooth Low energy mode (Mode E): 7.22dBm
ANT (Mode F): 4.32dBm

Sample no. : Origin: #03, Add: #02

Power setting : 19dBm

Manufacturer: (if different from applicant)

Name : ./.
Street : ./.
Town : ./.
Country : ./.

1.6 Assembly

Special screws will be used for preventing access RF part directly. For this EUT is opening only by destroying the equipment have been taken to satisfy sample requirement.

1.7 Test standard

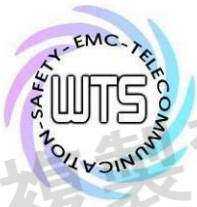
Article 2 Paragraph 1 of Item 19

1.8 Test method

MIC notification. No.88 of 2004, Annex 43

Special statement:

1. This test report is based on the original test report no.: W6M22309-22941-J-1-R.
2. The relevant Circuitry, PCB Layout, Inner element and Function are exactly the same as the one in original test report. The differences are size, appearance and model number. Except for Conducted Spurious Emission item was tested, the other test result is also based on the original test report no. W6M22309-22941-J-1-R without re-testing.



2 Technical Test

2.1 Summary of test results

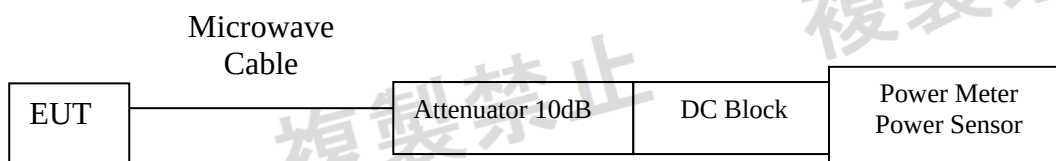
No deviations from the technical specifications were ascertained in the course of the test performed.

2.2 Test environment

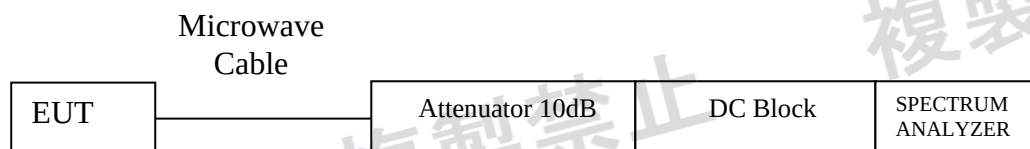
Temperature	:	5 ° C - 35 ° C
Relative humidity content	:	45% - 85%
Air pressure	:	990 - 1300 hPa
Details of power supply	:	DC 12-32V
Other parameter	:	./.
Extreme conditions parameters	:	V _{nom} : 12 VDC
	:	V _{min} : 10 VDC
	:	V _{max} : 32 VDC

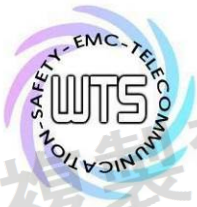
2.3 Test setup

Antenna power and Dwell time



Frequency tolerance, Occupied bandwidth, Spreading bandwidth and Spurious emission





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Test item Name	Measurement Uncertainty
Estimation Result of Uncertainty of Frequency Drift Measurement	Expanded Uncertainty : 6.11 Hz
Estimation Result of Uncertainty of Bandwidth Measurement	Expanded Uncertainty : 0.37 kHz
Estimation Result of Uncertainty of Conducted Output Power Measurement	Expanded Uncertainty : 1.63 dB
Estimation Result of Uncertainty of Duty Cycle Measurement	Expanded Uncertainty : 0.18 ms

The decision rule is: Measurement uncertainty is not included in the calculation of test results.



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2.4 Test equipment utilized

Origin

Mode A~C, E, F

Conducted Spurious Emission & Frequency Tolerance & OCCUPIED BANDWIDTH
& SPREADING BANDWIDTH & EIRP POWER

Code No.	Test equipment	Mode No.	Serial No.	Brand	Cal. Date	Next Cal. Date	Calibration Body	Calibration Method
ETSTW-RE 050	Attenuator 10dB	50HF-010-1	None	JFW	2025/2/14	2026/2/13	WTS	C
ETSTW-RE 055	SPECTRUM ANALYZER	FSU 26	200074	R&S	2025/3/5	2026/3/4	ITRI	C
ETSTW-RE 099	DC Block	50DB-007-1	None	JFW	2025/2/14	2026/2/13	WTS	C
ETSTW-Cable 030	Microwave Cable	SUCOFLEX 104 (S_Cable 9)	279067	HUBER+SUHNER	2025/2/14	2026/2/13	WTS	C

Mode D

Frequency Tolerance & OCCUPIED BANDWIDTH & SPREADING BANDWIDTH

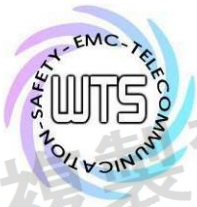
Code No.	Test equipment	Mode No.	Serial No.	Brand	Cal. Date	Next Cal. Date	Calibration Body	Calibration Method
ETSTW-RE 050	Attenuator 10dB	50HF-010-1	None	JFW	2025/2/14	2026/2/13	WTS	C
ETSTW-RE 055	SPECTRUM ANALYZER	FSU 26	200074	R&S	2025/3/5	2026/3/4	ITRI	C
ETSTW-RE 099	DC Block	50DB-007-1	None	JFW	2025/2/14	2026/2/13	WTS	C
ETSTW-Cable 030	Microwave Cable	SUCOFLEX 104 (S_Cable 9)	279067	HUBER+SUHNER	2025/2/14	2026/2/13	WTS	C

BURST POWER & DUTY CYCLE

Code No.	Test equipment	Mode No.	Serial No.	Brand	Cal. Date	Next Cal. Date	Calibration Body	Calibration Method
ETSTW-RE 050	Attenuator 10dB	50HF-010-1	None	JFW	2025/2/14	2026/2/13	WTS	C
ETSTW-RE 099	DC Block	50DB-007-1	None	JFW	2025/2/14	2026/2/13	WTS	C
ETSTW-RE 073	Power Meter	N1911A	MY45100769	Agilent	2025/2/25	2026/2/24	ITRI	C
ETSTW-RE 074	Power Sensor	N1921A	MY45241198	Agilent	2025/2/25	2026/2/24	ITRI	C
ETSTW-Cable 030	Microwave Cable	SUCOFLEX 104 (S_Cable 9)	279067	HUBER+SUHNER	2025/2/14	2026/2/13	WTS	C

Conducted Spurious Emission

Code No.	Test equipment	Mode No.	Serial No.	Brand	Cal. Date	Next Cal. Date	Calibration Body	Calibration Method
ETSTW-RE 050	Attenuator 10dB	50HF-010-1	None	JFW	2024/2/16	2025/2/15	WTS	C
ETSTW-RE 055	SPECTRUM ANALYZER	FSU 26	200074	R&S	2024/3/7	2025/3/6	WTS	C
ETSTW-RE 099	DC Block	50DB-007-1	None	JFW	2024/2/16	2025/2/15	ITRI	C
ETSTW-RE 133	EXA Signal Analyzer	N9010A	MY53470566	Agilent	2023/5/11	2024/5/10	ITRI	C
ETSTW-Cable 030	Microwave Cable	SUCOFLEX 104 (S_Cable 9)	279067	HUBER+SUHNER	2024/2/16	2025/2/15	WTS	C



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Add

Conducted Spurious Emission

Code No.	Test equipment	Mode No.	Serial No.	Brand	Cal. Date	Next Cal. Date	Calibration Body	Calibration Method
ETSTW-RE 050	Attenuator 10dB	50HF-010-1	None	JFW	2025/2/14	2026/2/13	WTS	C
ETSTW-RE 133	EXA Signal Analyzer	N9010A	MY53470566	Agilent	2025/5/8	2026/5/7	ITRI	C
ETSTW-RE 099	DC Block	50DB-007-1	None	JFW	2025/2/14	2026/2/13	WTS	C
ETSTW-Cable 030	Microwave Cable	SUCOFLEX 104 (S_Cable 9)	279067	HUBER+SUHNER	2025/2/14	2026/2/13	WTS	C

Calibration Method:

- Calibration conducted by the National Institute of Information and Communications Technology (NICT) (hereinafter referred to as "NICT") or a designated calibration agency under Article 102-18 paragraph (1)
- Correction conducted pursuant to the provisions of Article 135 or Article 144 of the Measurement Law (Law No. 51 of 1992)
- Calibration conducted in foreign countries, which shall be equivalent to the calibration conducted by the NICT or a designated calibration agency under Article 102-18 paragraph (1)
- Calibration conducted by using measuring instruments and other equipment listed in the right column of Table No. 3 attached hereto, which shall have been given any of calibration, etc. listed above from a) to c)



3 Test results (enclosure)

☒ 1st test

☐ test after modification

☐ production test

Test case	Subclause	Required	Status
<i>General provisions</i>			
Frequency tolerance	5	☒	C
Occupied bandwidth	6	☒	C
Spurious emissions	7	☒	C
<i>Transmitting equipment</i>			
Antenna power	14	☒	C
SAR	14.2	☐	NA
Frequency stabilization	15	☒	C
<i>Transmitter antenna</i>			
Type, configuration, etc. of transmitting antenna	20	☒	C
Directional pattern of transmitting antenna	22	☒	C
<i>Receiving equipment</i>			
Spurious emission of receiver	24	☒	C
Refer to all articles for transmitter antenna	26	☒	C
<i>Operating frequency 2400-2483.5MHz</i>			
High Frequency/modulation section cannot be opened easily	49.20(1); a	☒	C
Communication method	49.20(1); b	☒	C
Modulation method	49.20(1); c	☒	C
Spread spectrum method	49.20(1); d	☒	C
Antenna power	49.20(1); e	☒	C
Absolute gain of transmitting antenna	49.20(1); f(1)	☒	C
Angular width of principal radiation (AWPR)	49.20(1); f(2)	☒	C
Number of carriers within 1 MHz bandwidth in OFDM	49.20(1); g	☒	NA
Diffusion bandwidth	49.20(1); h	☒	C
Frequency retention time (FH employed)	49.20(1); j	☐	C
Carrier sense (Only Air craft equipment unless FHSS)	./.	☐	NA
Interference Prevention Function	9-4. 8	☒	C
Note 1: C = Conform NC = Not Conform NT = Not Tested NA = Not Applicable			

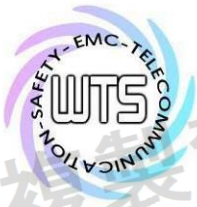
3.1 Antenna specifications



Antenna Type: Inverted-F antenna / Gain: 4.65 dBi (for ANT) 、 5.74 dBi (for BT)



Antenna Type: Inverted-F antenna / Gain: 0.90 dBi (for WLAN)



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Voltage variation

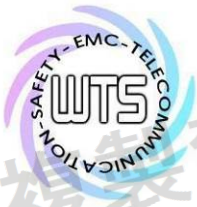
Mode A~E

Test Condition	Voltage Condition	Voltage Input(V)	Voltage Output(V)	Tolerance (%)
DC 12V	Normal	12	1.79	0.00%
	Middle	24	1.79	0.00%
	Low	10	1.79	0.00%
	High	32	1.79	0.00%

Mode F

Test Condition	Voltage Condition	Voltage Input(V)	Voltage Output(V)	Tolerance (%)
DC 12V	Normal	12	3.34	0.00%
	Middle	24	3.34	0.00%
	Low	10	3.34	0.00%
	High	32	3.34	0.00%

The influence of input voltage to output voltage is within 1%.
Therefore we performed test under normal voltage DC 10-32V.



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3.2 Frequency Tolerance

Test date: April 02, 2024

Temperature: 25.8 °C

Humidity: 59.1 %

Tester: Rick

Tolerance from nominal frequency:

Mode A-C

Mode	Channel	Frequency Tolerance (kHz)	MAX Frequency Tolerance (ppm)	Limit (ppm)
WLAN 802.11b/g/n20M	Ch 1 : 2412 MHz	-4.647	1.9	50
	Ch 6 : 2437 MHz	-5.128	2.1	
	Ch 11 : 2462 MHz	-5.128	2.1	

Mode D

Mode	Frequency	Frequency Tolerance (kHz)	MAX Frequency Tolerance (ppm)	Limit (ppm)
Bluetooth Normal & EDR	2402 MHz	1.282	0.5	50
	2441 MHz	5.609	2.3	
	2480 MHz	10.096	4.1	

Mode E

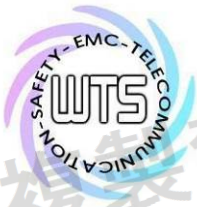
Mode	Frequency	Frequency Tolerance (kHz)	MAX Frequency Tolerance (ppm)	Limit (ppm)
Bluetooth Low energy	2402 MHz	3.526	1.5	50
	2440 MHz	7.692	3.2	
	2480 MHz	12.5	5.0	

Mode F

Mode	Frequency	Frequency Tolerance (kHz)	MAX Frequency Tolerance (ppm)	Limit (ppm)
ANT	2402 MHz	-13.622	5.7	50
	2457 MHz	-13.942	5.7	
	2480 MHz	-14.103	5.7	

Limits:

Under all test conditions	< 50 ppm
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3.3 Occupied Bandwidth (99% channel power bandwidth)

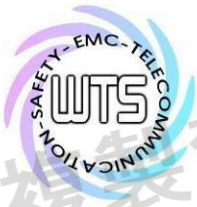
Test date: January 19, 2024-April 02, 2024

Temperature: 25.8 °C

Humidity: 59.1 %

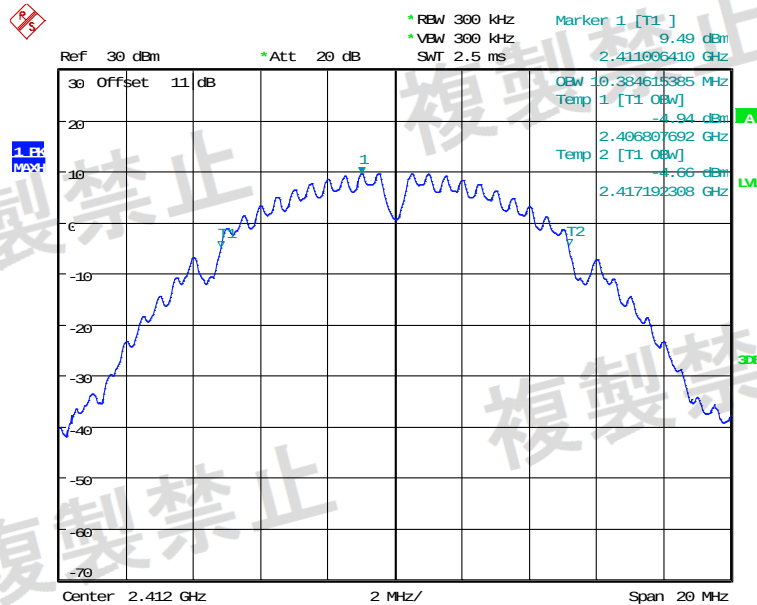
Tester: Rick

WIFI Occupied Bandwidth			
Mode	Test Freq	Test Volt	measure value(MHz)
802.11b	2412MHz	12Vd.c.	10.384615
	2437MHz	12Vd.c.	10.352564
	2462MHz	12Vd.c.	10.384615
802.11g	2412MHz	12Vd.c.	16.891026
	2437MHz	12Vd.c.	16.891026
	2462MHz	12Vd.c.	16.891026
802.11n20	2412MHz	12Vd.c.	17.980769
	2437MHz	12Vd.c.	17.980769
	2462MHz	12Vd.c.	18.044872

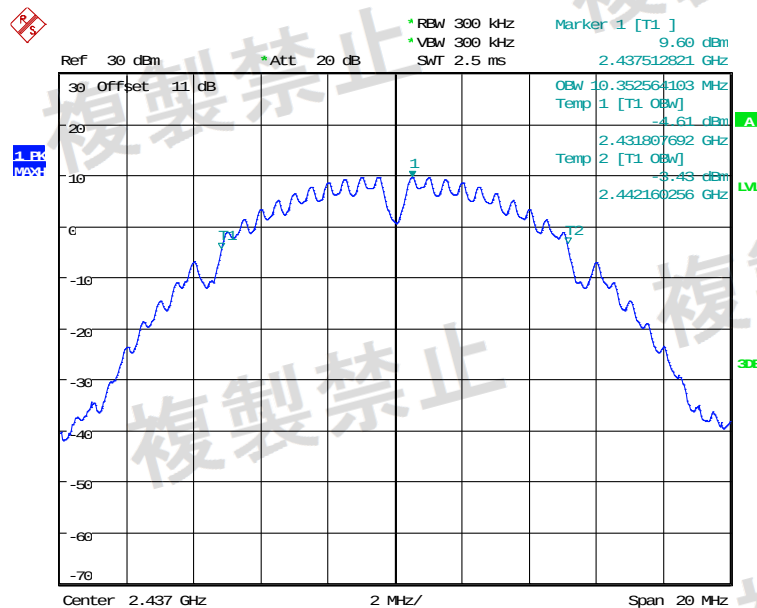


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Mode A



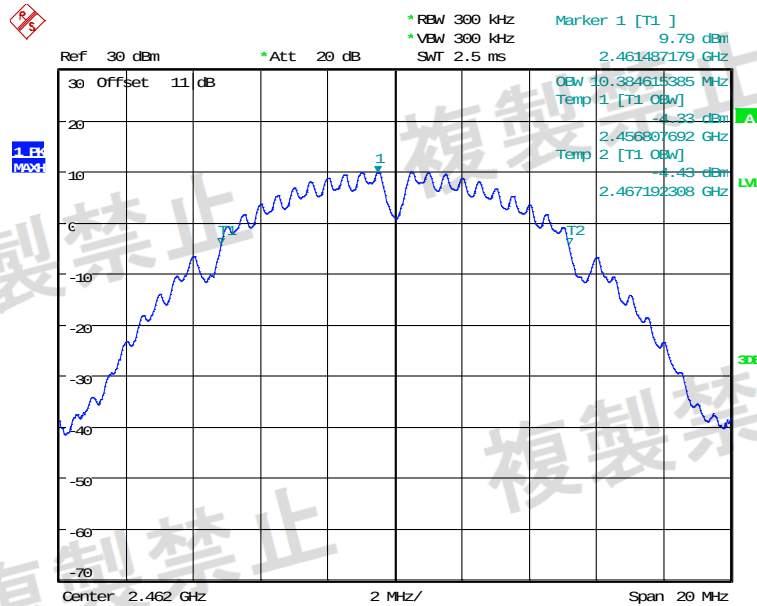
OCCUPIED BANDWIDTH 802.11B CH1
Date: 19.JAN.2024 17:50:38



OCCUPIED BANDWIDTH 802.11B CH6
Date: 19.JAN.2024 17:50:08

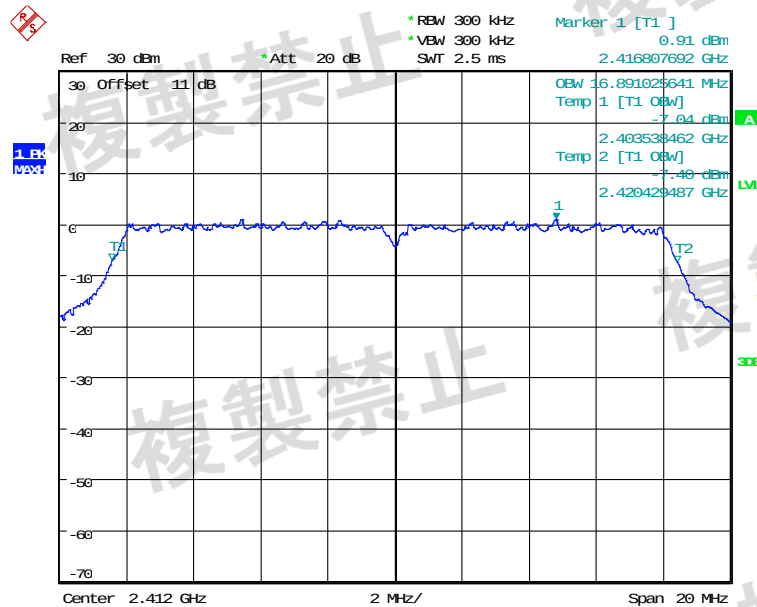


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OCCUPIED BANDWIDTH 802.11B CH11
Date: 19.JAN.2024 17:49:22

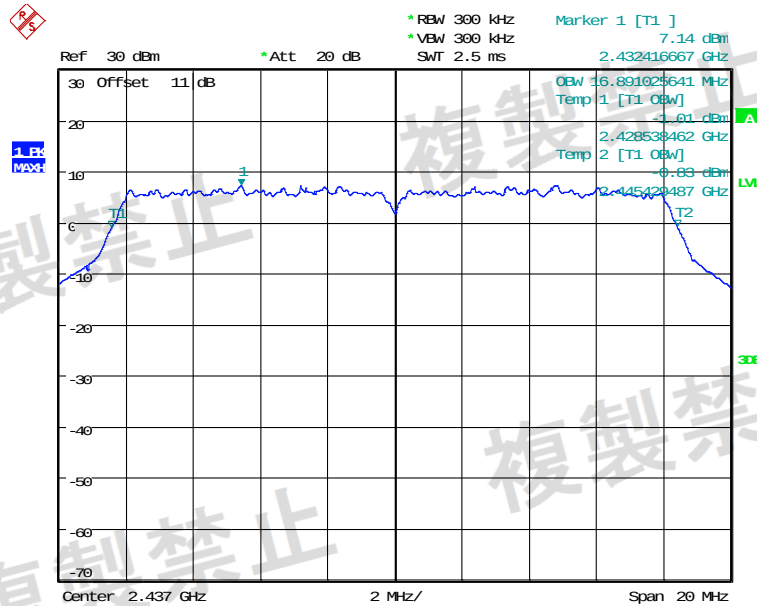
Mode B



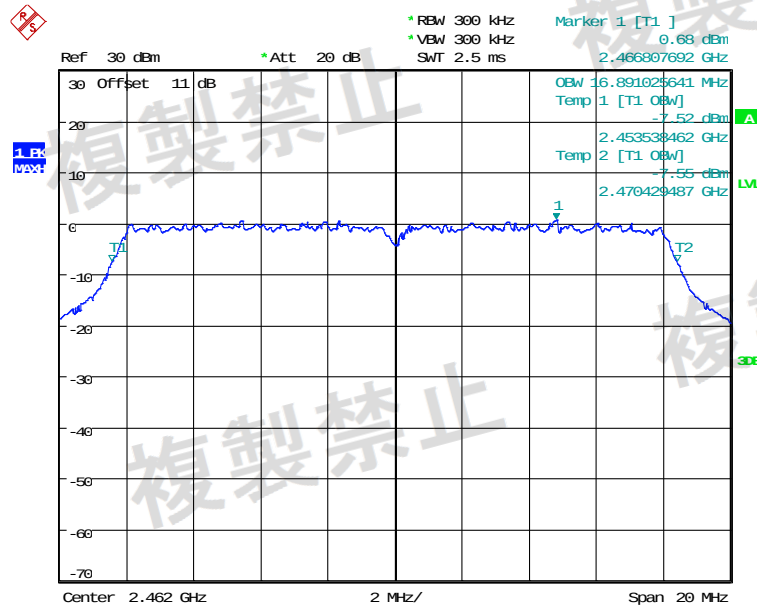
OCCUPIED BANDWIDTH 802.11G CH1
Date: 19.JAN.2024 17:51:22



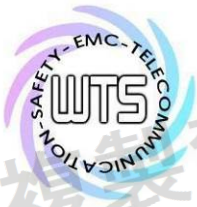
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OCCUPIED BANDWIDTH 802.11G CH6
Date: 19.JAN.2024 17:52:08

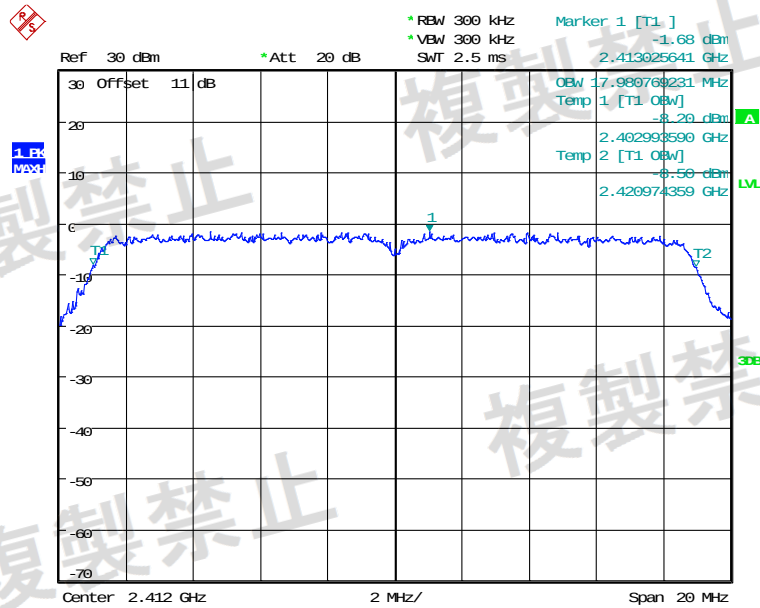


OCCUPIED BANDWIDTH 802.11G CH11
Date: 19.JAN.2024 17:52:38

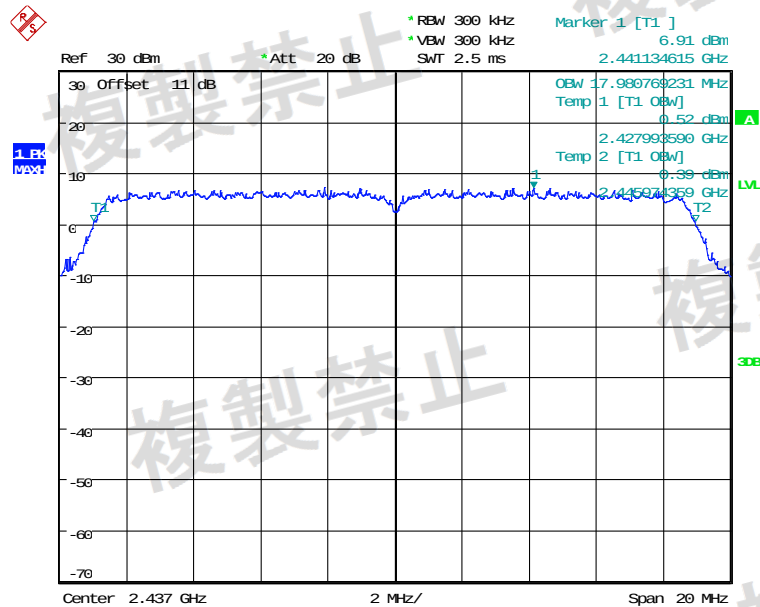


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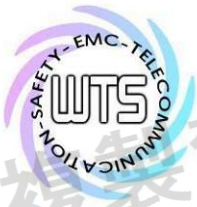
Mode C



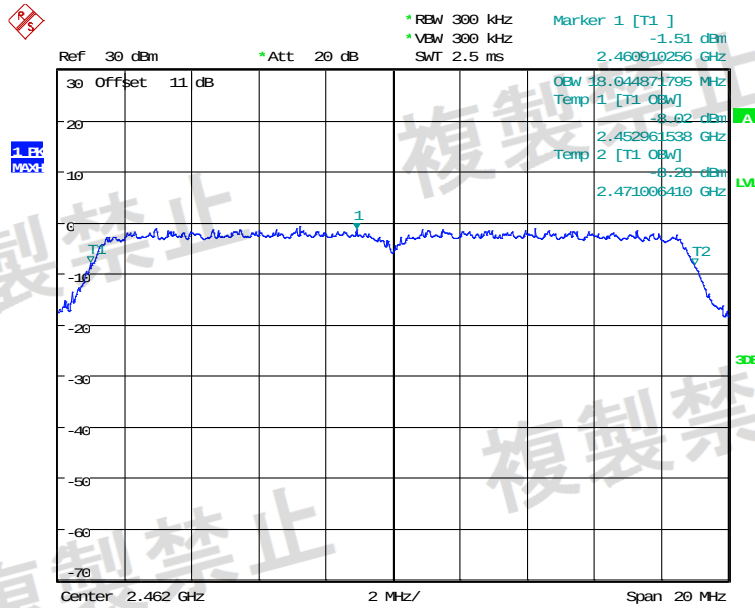
OCCUPIED BANDWIDTH 802.11N 20M CH1
Date: 19. JAN. 2024 17:54:51



OCCUPIED BANDWIDTH 802.11N 20M CH6
Date: 19. JAN. 2024 17:54:08



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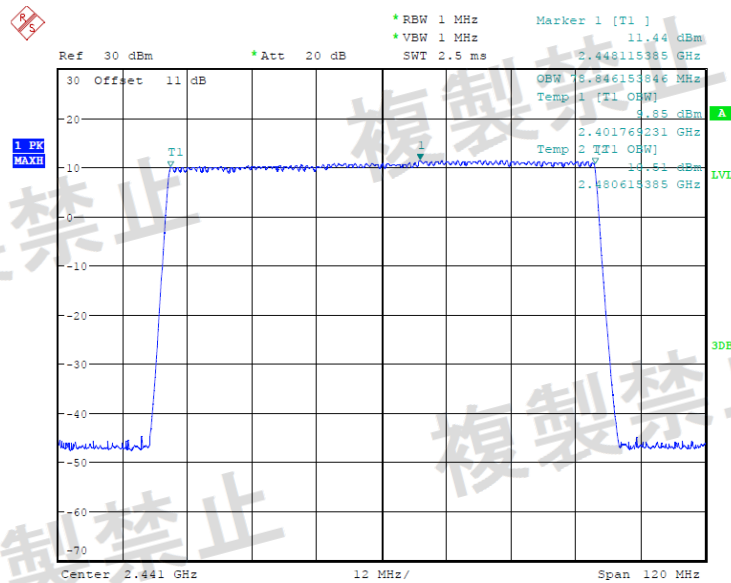
OCCUPIED BANDWIDTH 802.11N 20M CH11
Date: 19.JAN.2024 17:53:27

Mode D

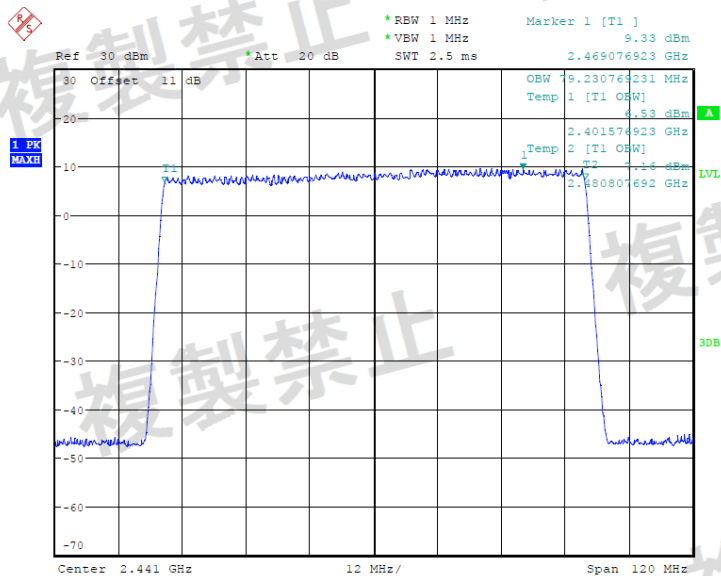
Occupied Bandwidth			
Test Mode	Test Freq	Test Volt	measure value(MHz)
NORMAL	FHSS	12Vd.c.	78.846153
EDR 2M	FHSS	12Vd.c.	79.230769
EDR 3M	FHSS	12Vd.c.	78.846154



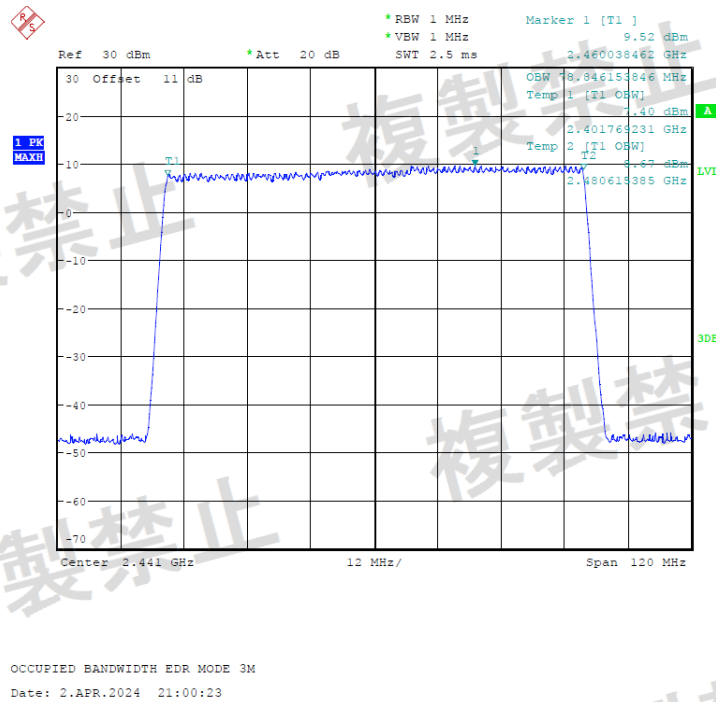
Worldwide Testing Services(Taiwan) Co., Ltd.



OCCUPIED BANDWIDTH NORMAL MODE
Date: 2.APR.2024 19:23:14



OCCUPIED BANDWIDTH EDR MODE 2M
Date: 2.APR.2024 20:59:47



Mode E

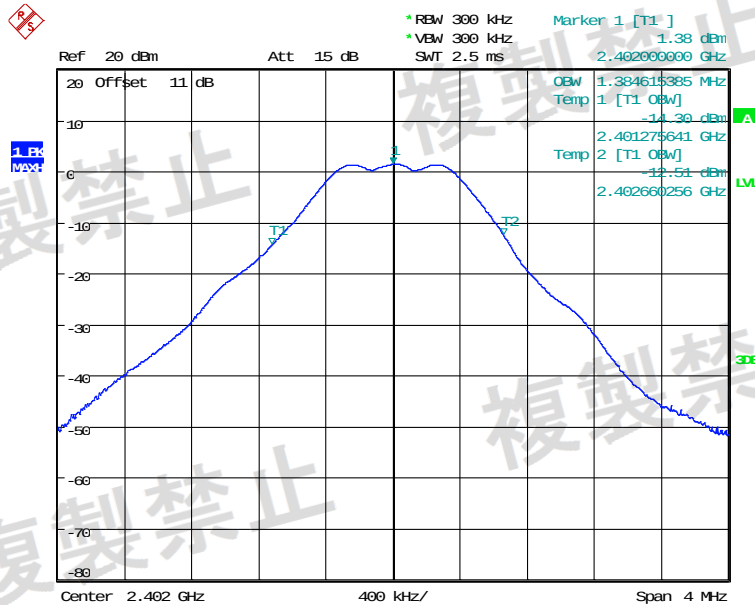
BLE 1M Occupied Bandwidth		
Test Freq	Test Volt	measure value(MHz)
2402MHz	12Vd.c.	1.384615
2440MHz	12Vd.c.	1.365385
2480MHz	12Vd.c.	1.358974

BLE 2M Occupied Bandwidth		
Test Freq	Test Volt	measure value(MHz)
2402MHz	12Vd.c.	2.24359
2440MHz	12Vd.c.	2.24359
2480MHz	12Vd.c.	2.25641

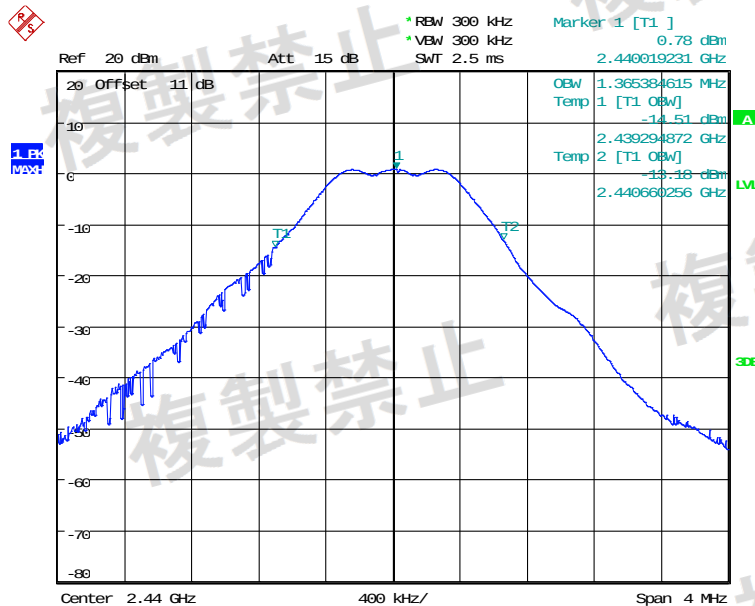


Worldwide Testing Services(Taiwan) Co., Ltd.

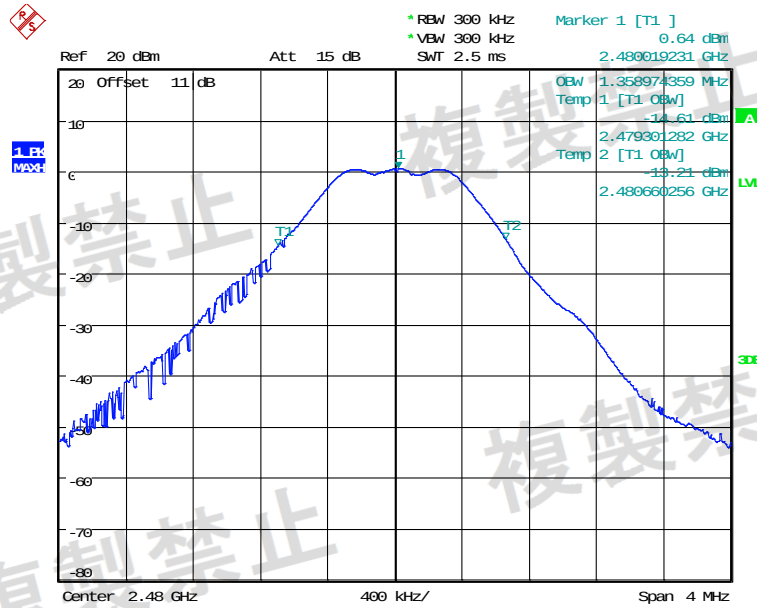
1M



OCCUPIED BANDWIDTH BLE CH0
Date: 22.JAN.2024 15:48:13

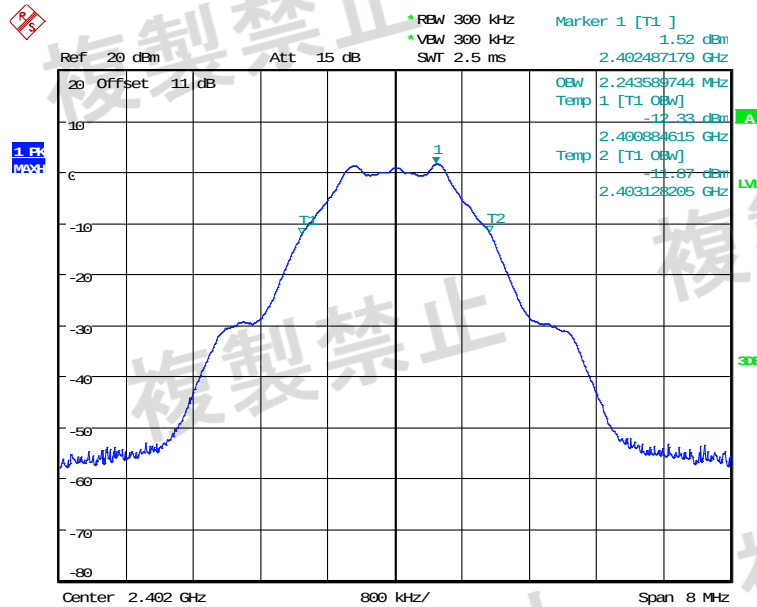


OCCUPIED BANDWIDTH BLE CH19
Date: 22.JAN.2024 15:49:12



OCCUPIED BANDWIDTH BLE CH39
Date: 22.JAN.2024 15:49:45

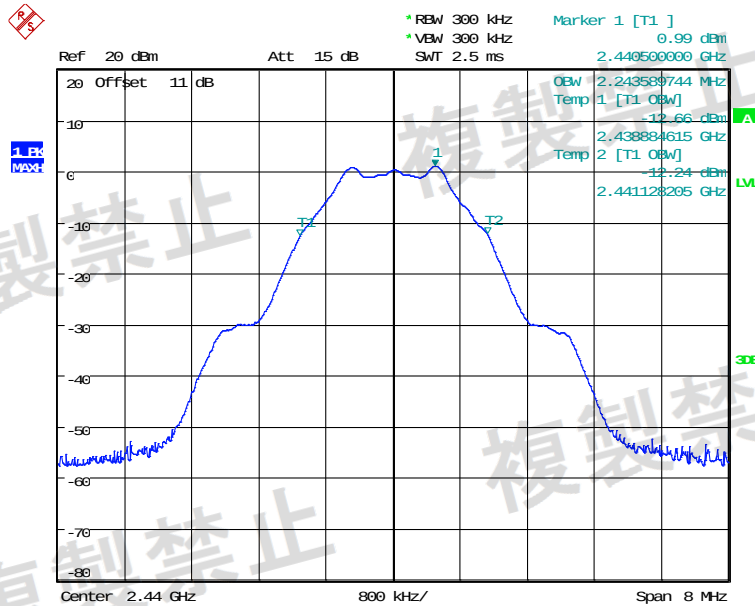
2M



OCCUPIED BANDWIDTH BLE 2M CH0
Date: 22.JAN.2024 15:53:36

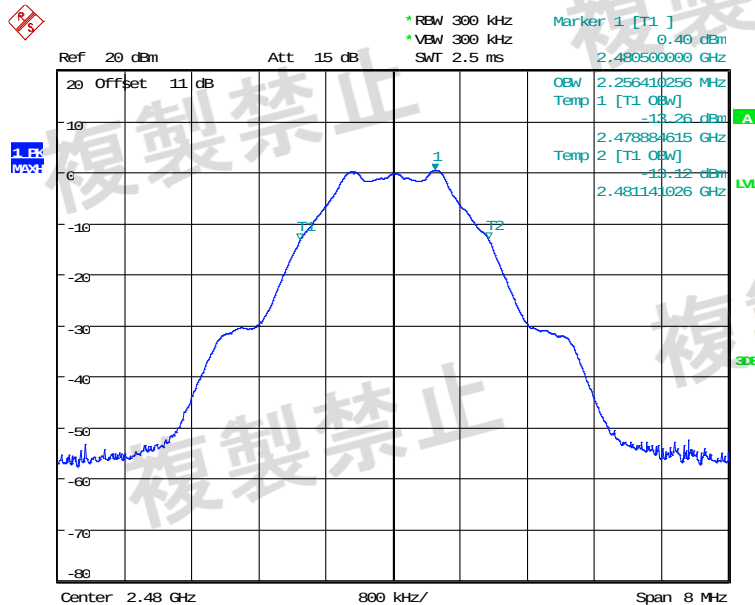


Worldwide Testing Services(Taiwan) Co., Ltd.



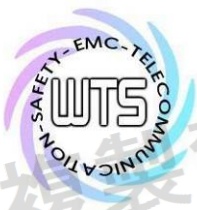
OCCUPIED BANDWIDTH BLE 2M CH19

Date: 22.JAN.2024 15:53:05



OCCUPIED BANDWIDTH BLE 2M CH39

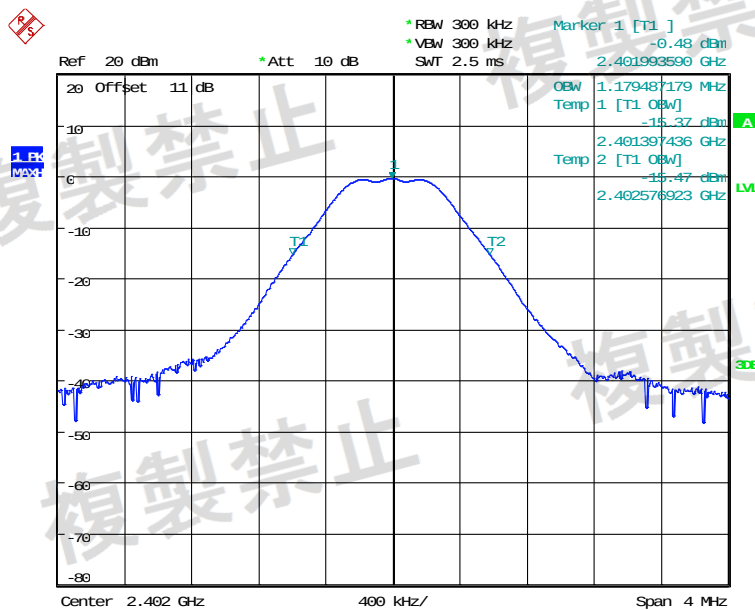
Date: 22.JAN.2024 15:52:18



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Mode F

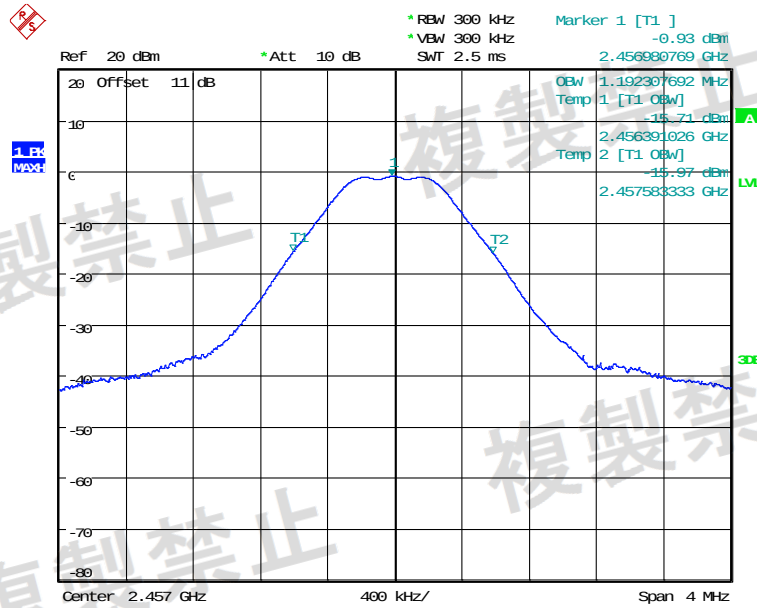
ANT Occupied Bandwidth		
Test Freq	Test Volt	measure value(MHz)
2402MHz	12Vd.c.	1.179487
2457MHz	12Vd.c.	1.192308
2480MHz	12Vd.c.	1.185897



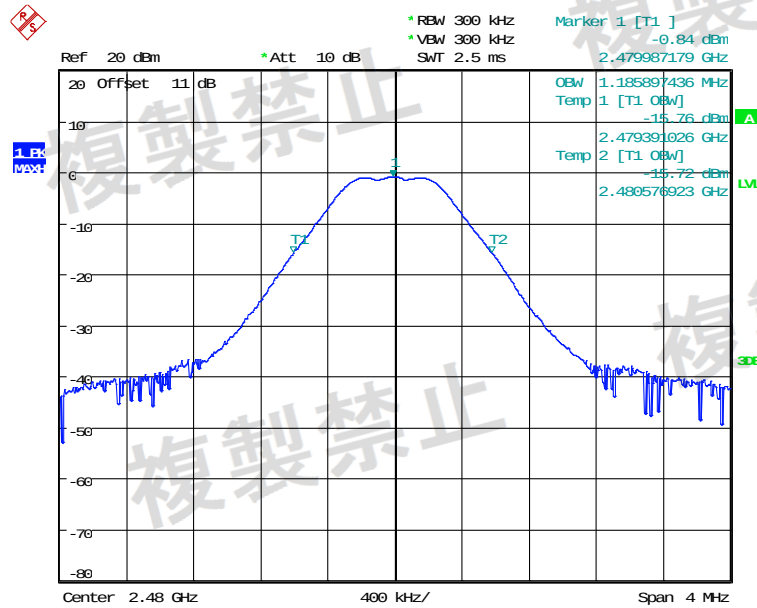
OCCUPIED BANDWIDTH ANT 2402MHz
Date: 22.JAN.2024 22:01:41



Worldwide Testing Services(Taiwan) Co., Ltd.



OCCUPIED BANDWIDTH ANT 2457MHZ
Date: 22.JAN.2024 22:00:42



OCCUPIED BANDWIDTH ANT 2480MHZ
Date: 22.JAN.2024 22:01:14

Limits:

Under all test conditions	FHSS, FHSS+DSSS, FHSS+OFDM : 83.5 MHz
	DSSS, OFDM, Others : 26 MHz
	OFDM (802.11n 40MHz): 26-40 MHz



3.4 Spreading Bandwidth

Test date: April 02, 2024

Temperature: 25.8 °C

Humidity: 59.1 %

Tester: Rick

Mode D

GFSK

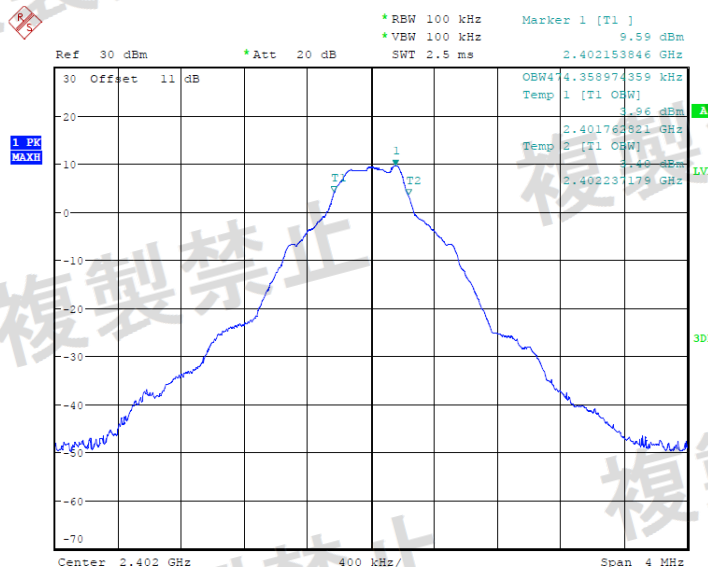
Single channel for 20 channels

Minimal Spreading Bandwidth

= Smallest Spreading Bandwidth of a single channel + $0.9 * [(n-1) * \text{channel separation}]$

= 17.574359

Note: n= minimum amount of channels

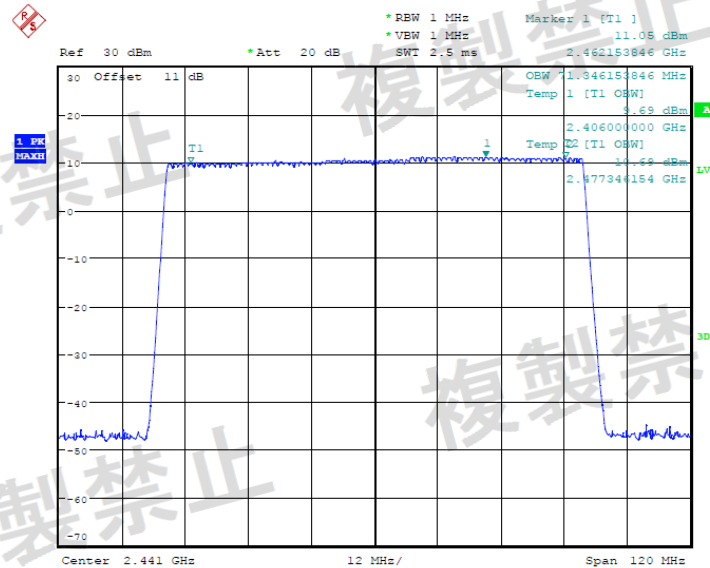


SPREADING BANDWIDTH 20 CHANNELS NORMAL MODE
Date: 2.APR.2024 21:09:31

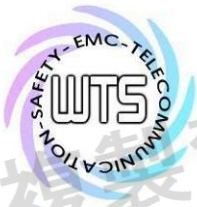


Worldwide Testing Services(Taiwan) Co., Ltd.

79 channels



SPREADING BANDWIDTH NORMAL MODE
Date: 2.APR.2024 21:04:24



Worldwide Testing Services(Taiwan) Co., Ltd.

$\pi / 4$ DQPSK

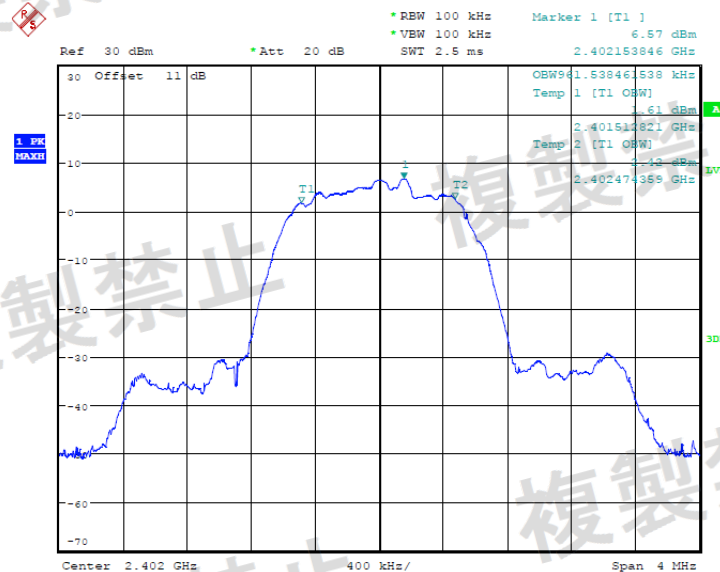
Single channel for 20 channels

Minimal Spreading Bandwidth

= Smallest Spreading Bandwidth of a single channel + $0.9 * [(n-1) * \text{channel separation}]$

= 18.061538

Note: n= minimum amount of channels



SPREADING BANDWIDTH 20 CHANNELS EDR MODE 2M
Date: 2.APR.2024 21:11:10



*RBW 1 MHz
 *VBW 1 MHz
 *SWI 2.5 ms

Marker 1 [T1] 1
 2.438461538 MHz
 9.49 dBm

Ref 30 dBm
 *Att 20 dB

1.5K
 RBW

90 Offset 11 dB

20

10

0

-10

-20

-30

-40

-50

-60

-70

CW 1.538461538 MHz
 Temp 1 [T1] 0dB
 7.98 dBm
 2.406000000 GHz
 Temp 2 [T1] 0dB
 4.71 dBm
 2.477538462 GHz

T1
 1

12 MHz/
 Span 120 MHz

Center 2.441 GHz

SPREADING BANDWIDTH EDR MODE 2M
Date: 2.APR.2024 21:03:26



Worldwide Testing Services(Taiwan) Co., Ltd.

8DPSK

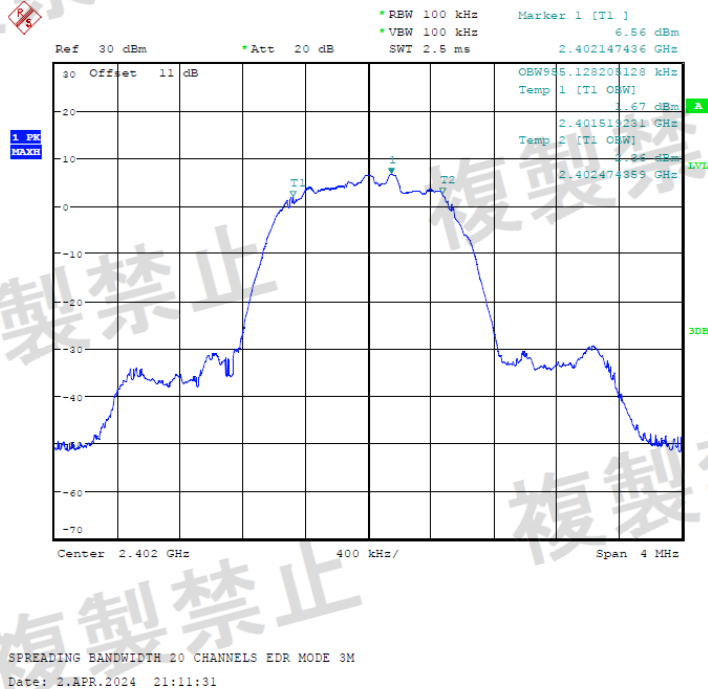
Single channel for 20 channels

Minimal Spreading Bandwidth

= Smallest Spreading Bandwidth of a single channel + $0.9 * [(n-1) * \text{channel separation}]$

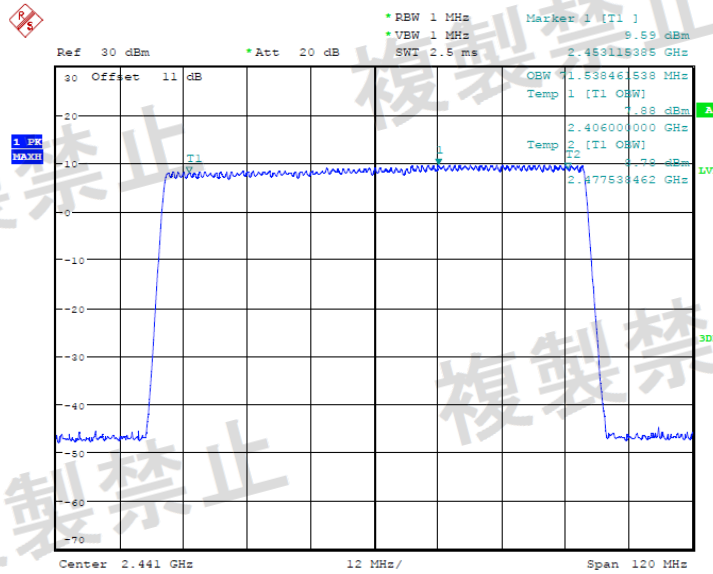
= 18.085128

Note: n= minimum amount of channels





79 channels



SPREADING BANDWIDTH EDR MODE 3M
Date: 2.APR.2024 21:02:54

Limits:

Under all test conditions	Occupied bandwidth: ≥ 500 kHz
	Spreading factor:
	Operating frequency 2400 – 2483 MHz: ≥ 5
	Operating frequency 2471 – 2497 MHz: ≥ 10



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3.5 Spurious emissions (conducted)_ transmitter

Test date: January 22, 2024-April 10, 2024

Temperature: 27.1 °C

Humidity: 59.0 %

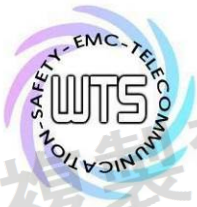
Tester: Rick

Origin

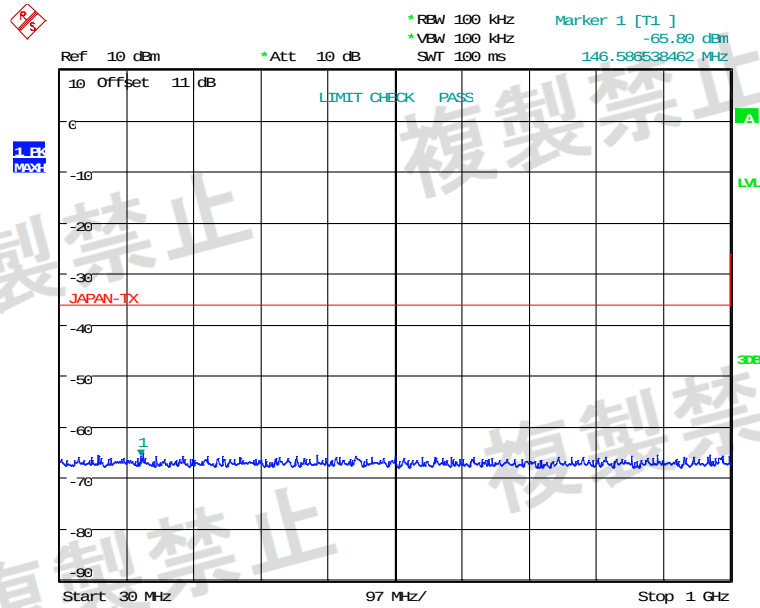
Model No.: B04277

Mode A

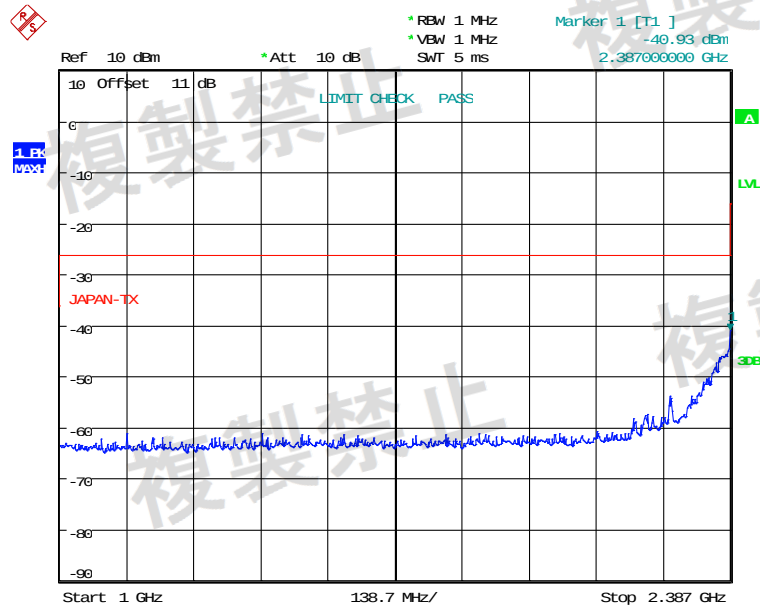
Spurious emission transmitter							
Frequency Range	Test Freq		Test Volt	measure Frequency(MHz)	measure value(dBm)	Limit(dBm)	Margin
30-1000MHz	802.11b	CH 01	12Vd.c.	146.5865385	-65.8	-36.02	-29.78
1000-2387MHz				2387	-40.93	-26.02	-14.91
2387-2400MHz		2412 MHz		2396.791667	-33.45	-16.02	-17.43
2483.5-2496.5MHz				2485	-50.97	-16.02	-34.95
2496.5-12750MHz				2560.625	-55.64	-26.02	-29.62
30-1000MHz	802.11b	CH 06		403.0769231	-65.69	-36.02	-29.67
1000-2387MHz				2387	-48.39	-26.02	-22.37
2387-2400MHz		2437 MHz		2399.958333	-44.2	-16.02	-28.18
2483.5-2496.5MHz				2483.666667	-45.7	-16.02	-29.68
2496.5-12750MHz				2512.53125	-52.57	-26.02	-26.55
30-1000MHz	802.11b	CH 11		940.9294872	-65.65	-36.02	-29.63
1000-2387MHz				2387	-50.06	-26.02	-24.04
2387-2400MHz		2462 MHz		2398.9375	-47.32	-16.02	-31.3
2483.5-2496.5MHz				2486.333333	-39.83	-16.02	-23.81
2496.5-12750MHz				2496.5	-47.01	-26.02	-20.99



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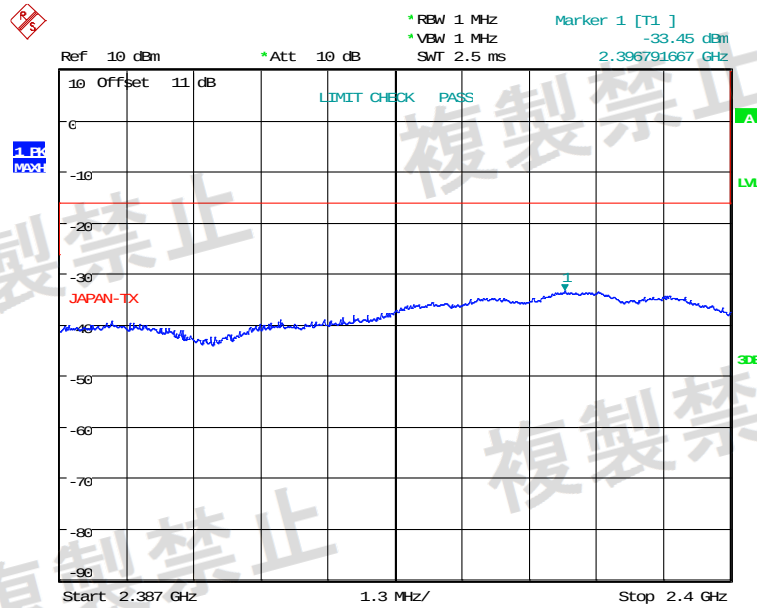
CONDUCTED SPURIOUS EMISSION 802.11B CH1
Date: 22.JAN.2024 20:53:09



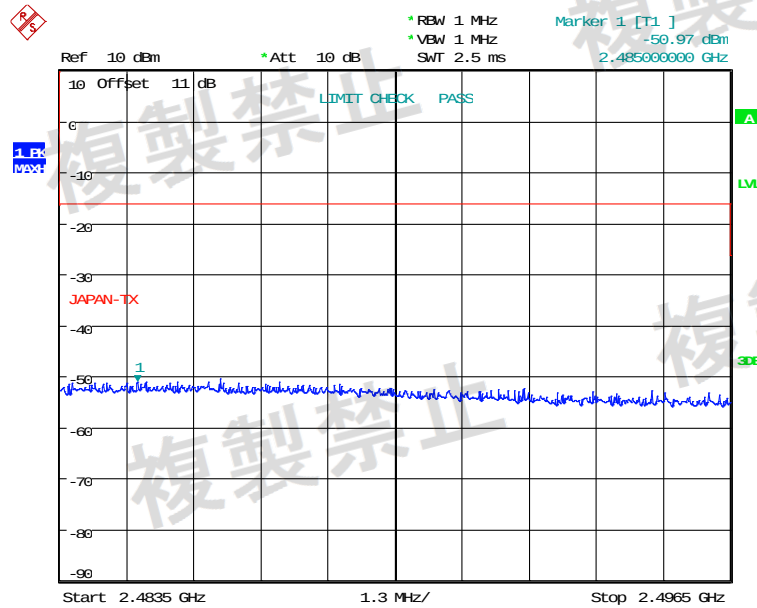
CONDUCTED SPURIOUS EMISSION 802.11B CH1
Date: 29.JAN.2024 22:22:44



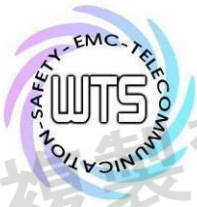
Worldwide Testing Services(Taiwan) Co., Ltd.



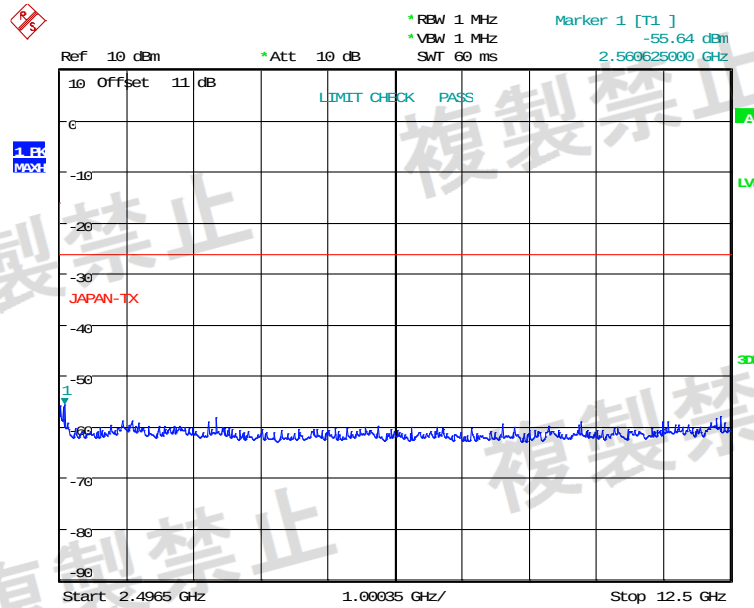
CONDUCTED SPURIOUS EMISSION 802.11B CH1
Date: 29.JAN.2024 22:16:48



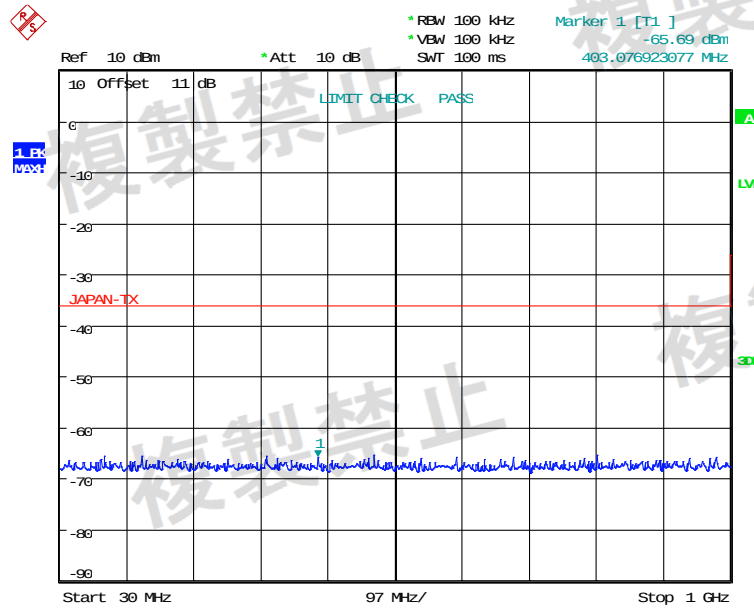
CONDUCTED SPURIOUS EMISSION 802.11B CH1
Date: 29.JAN.2024 22:12:21



Worldwide Testing Services(Taiwan) Co., Ltd.



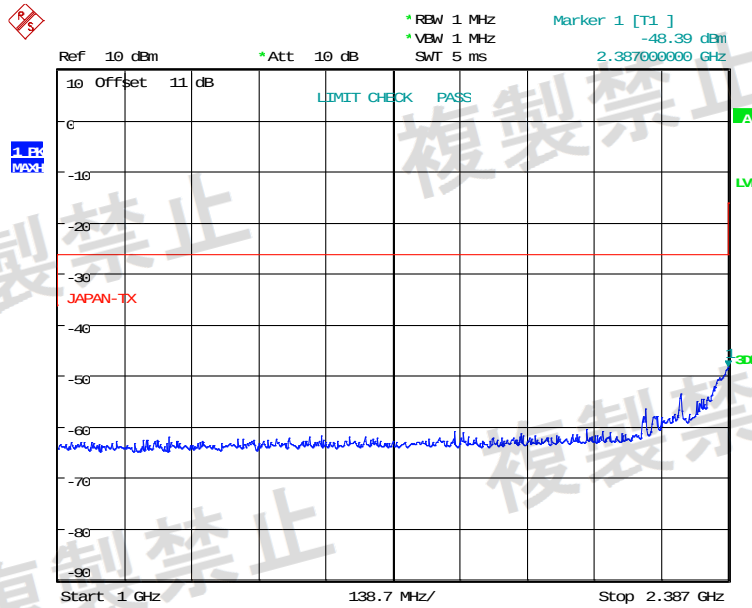
CONDUCTED SPURIOUS EMISSION 802.11B CH1
Date: 29.JAN.2024 22:04:54



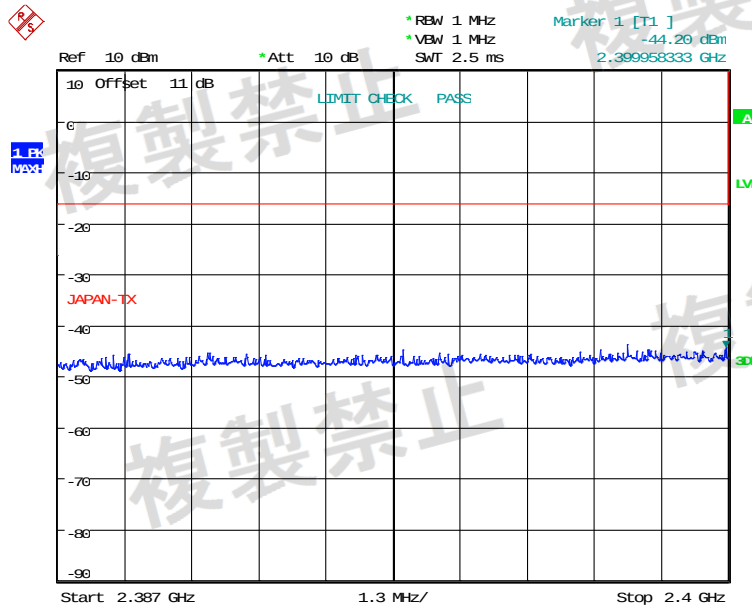
CONDUCTED SPURIOUS EMISSION 802.11B CH6
Date: 22.JAN.2024 20:53:32



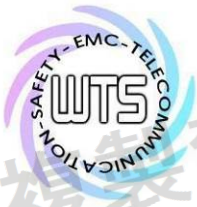
Worldwide Testing Services(Taiwan) Co., Ltd.



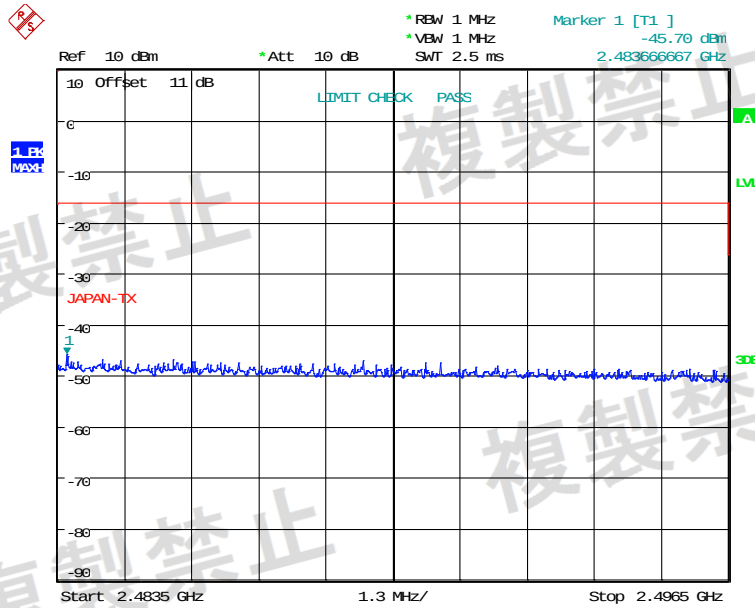
CONDUCTED SPURIOUS EMISSION 802.11B CH6
Date: 29.JAN.2024 22:23:52



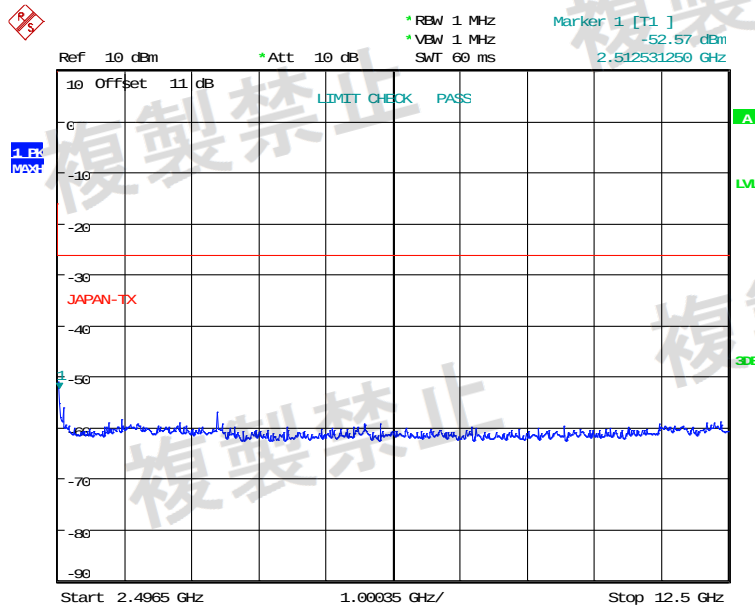
CONDUCTED SPURIOUS EMISSION 802.11B CH6
Date: 29.JAN.2024 22:16:28



Worldwide Testing Services(Taiwan) Co., Ltd.



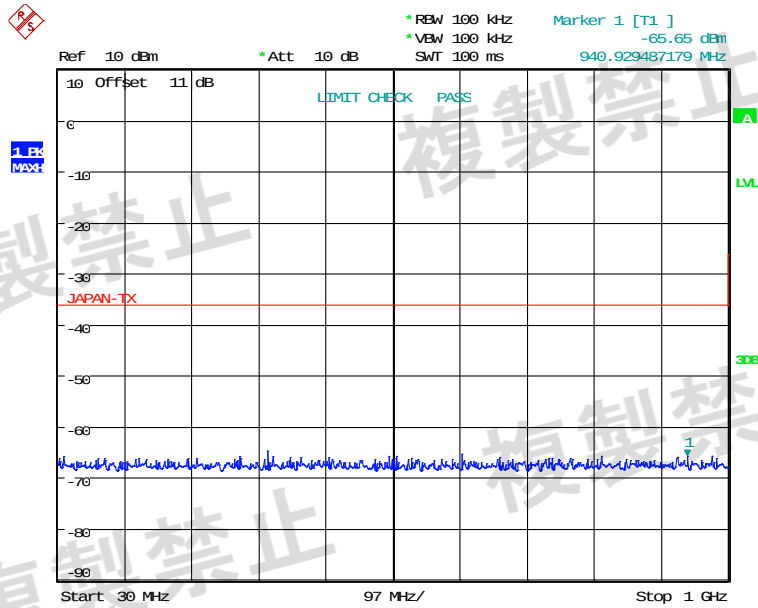
CONDUCTED SPURIOUS EMISSION 802.11B CH6
Date: 29.JAN.2024 22:15:01



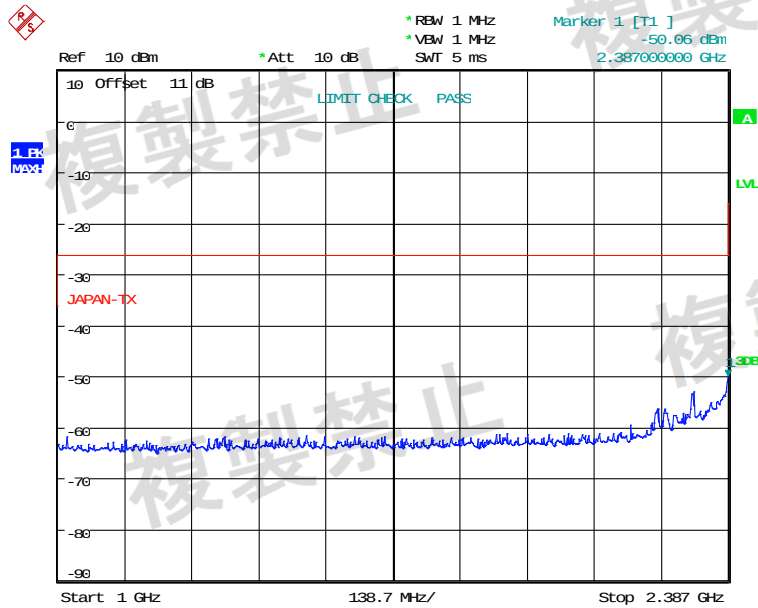
CONDUCTED SPURIOUS EMISSION 802.11B CH6
Date: 29.JAN.2024 22:06:08



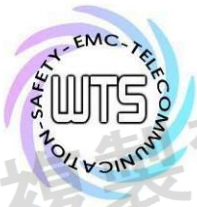
Worldwide Testing Services(Taiwan) Co., Ltd.



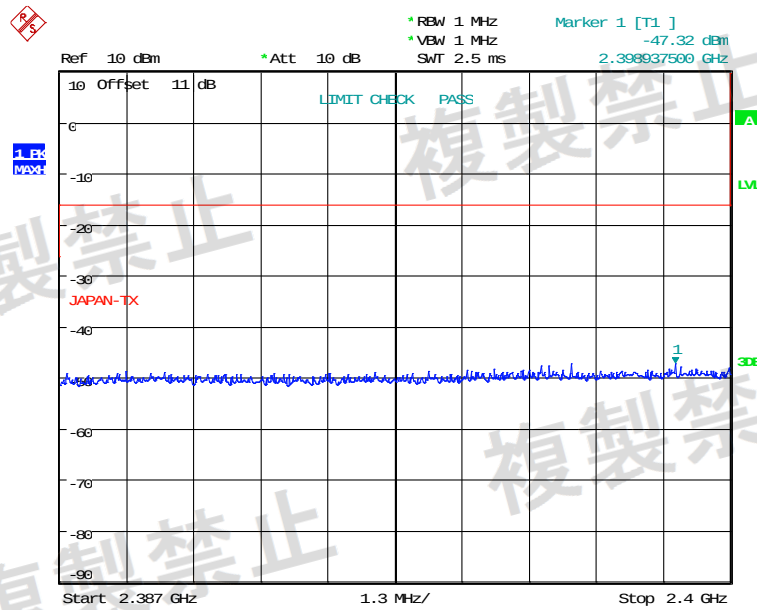
CONDUCTED SPURIOUS EMISSION 802.11B CH11
Date: 22.JAN.2024 20:53:55



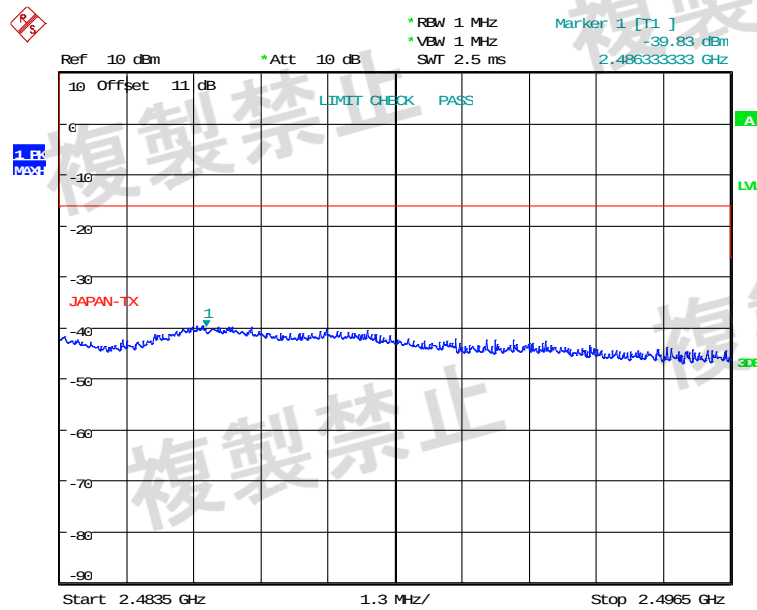
CONDUCTED SPURIOUS EMISSION 802.11B CH11
Date: 29.JAN.2024 22:24:15



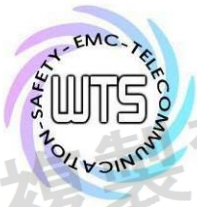
Worldwide Testing Services(Taiwan) Co., Ltd.



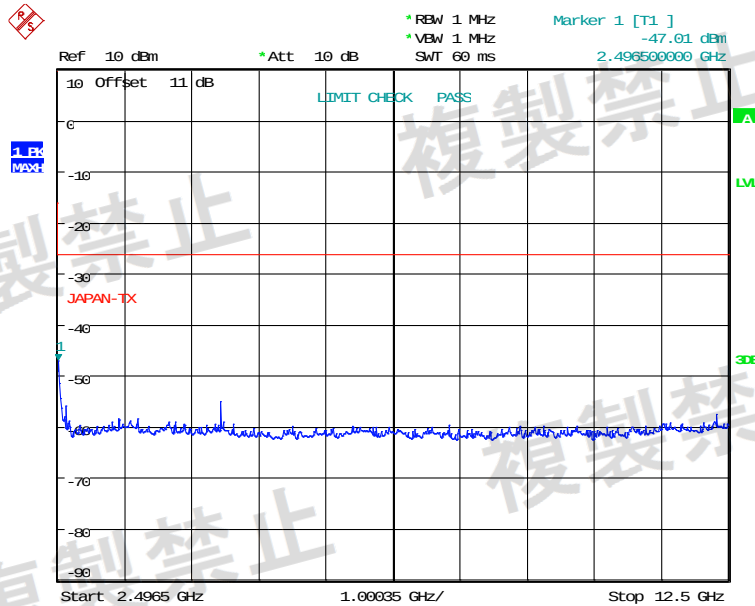
CONDUCTED SPURIOUS EMISSION 802.11B CH11
Date: 29.JAN.2024 22:15:50



CONDUCTED SPURIOUS EMISSION 802.11B CH11
Date: 29.JAN.2024 22:15:22



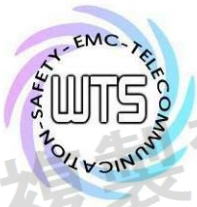
Worldwide Testing Services(Taiwan) Co., Ltd.



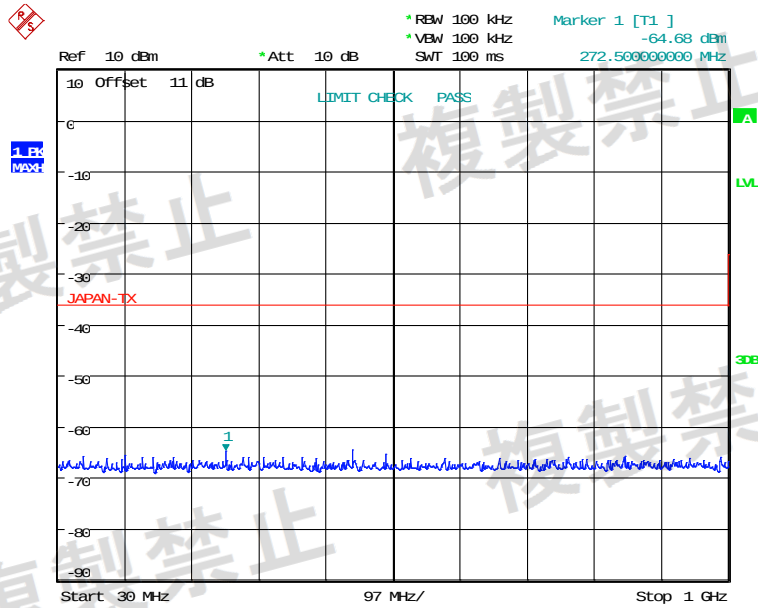
CONDUCTED SPURIOUS EMISSION 802.11B CH11
Date: 29.JAN.2024 21:32:11

Mode B

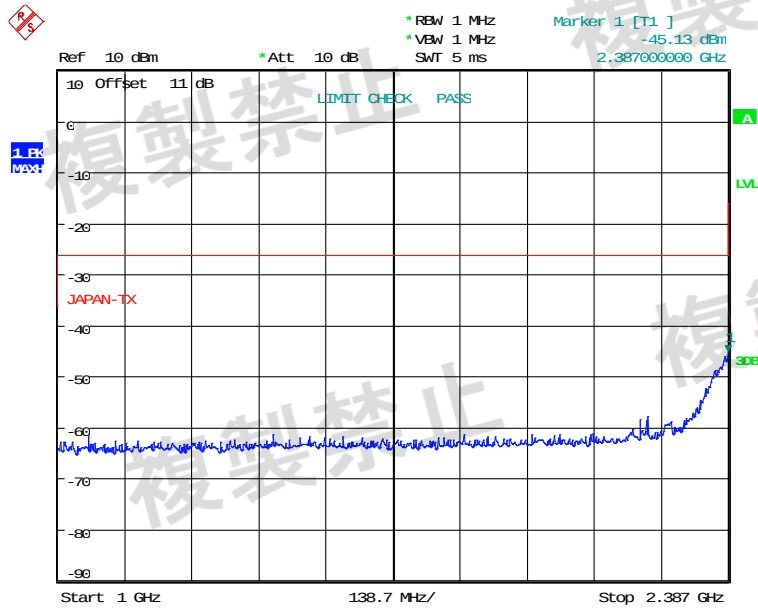
Spurious emission transmitter							
Frequency Range	Test Freq		Test Volt	measure Frequency(MHz)	measure value(dBm)	Limit(dBm)	Margin
30-1000MHz	802.11g	CH 01	12Vd.c.	272.5	-64.68	-36.02	-28.66
1000-2387MHz				2387	-45.13	-26.02	-19.11
2387-2400MHz		2412 MHz		2400	-25.67	-16.02	-9.65
2483.5-2496.5MHz				2484.583333	-53.32	-16.02	-37.3
2496.5-12750MHz				2496.5	-57.7	-26.02	-31.68
30-1000MHz	802.11g	CH 06		768.3814103	-65.89	-36.02	-29.87
1000-2387MHz				2384.777244	-32.78	-26.02	-6.76
2387-2400MHz		2437 MHz		2399.104167	-26.55	-16.02	-10.53
2483.5-2496.5MHz				2489.666667	-37.39	-16.02	-21.37
2496.5-12750MHz				2496.5	-42.49	-26.02	-16.47
30-1000MHz	802.11g	CH 11		645.5769231	-64.36	-36.02	-28.34
1000-2387MHz				2382.554487	-53.56	-26.02	-27.54
2387-2400MHz		2462 MHz		2399.0625	-49.8	-16.02	-33.78
2483.5-2496.5MHz				2488.8125	-43.54	-16.02	-27.52
2496.5-12750MHz				2496.5	-47.5	-26.02	-21.48



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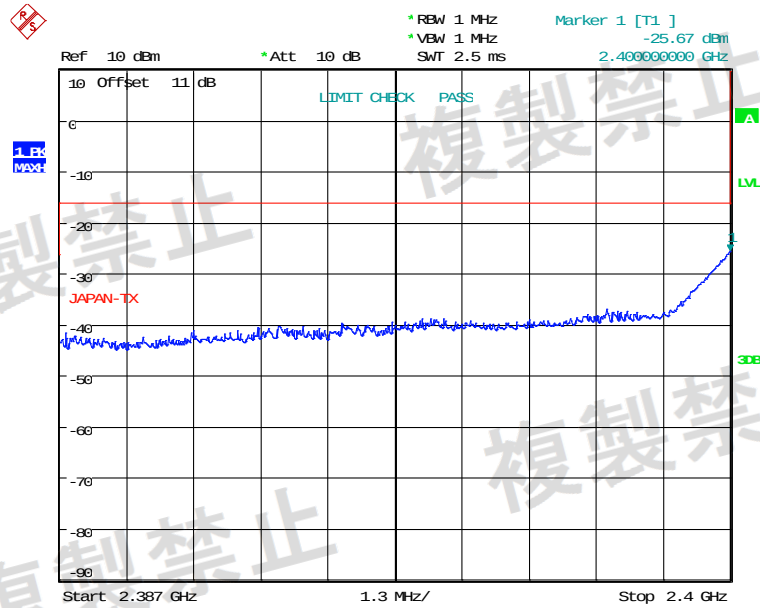
CONDUCTED SPURIOUS EMISSION 802.11G CH1
Date: 22.JAN.2024 20:55:06



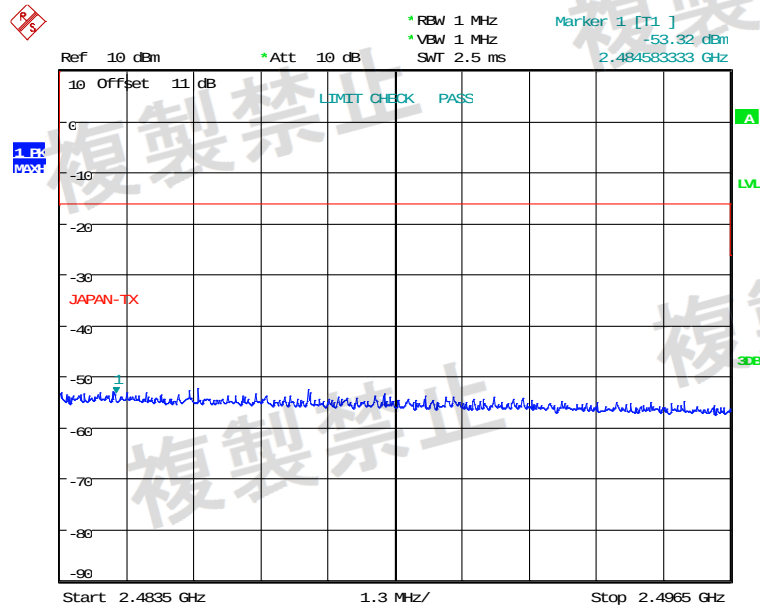
CONDUCTED SPURIOUS EMISSION 802.11G CH1
Date: 29.JAN.2024 22:21:50



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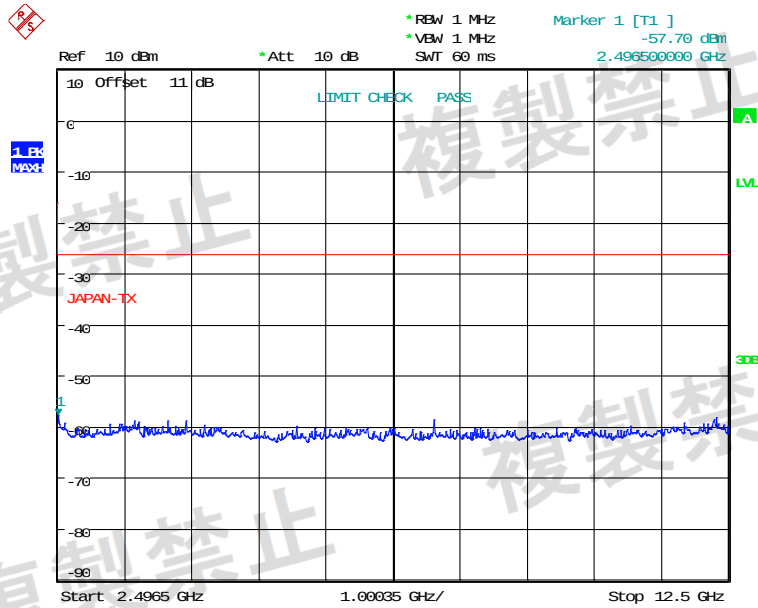
CONDUCTED SPURIOUS EMISSION 802.11G CH1
Date: 29.JAN.2024 22:17:17



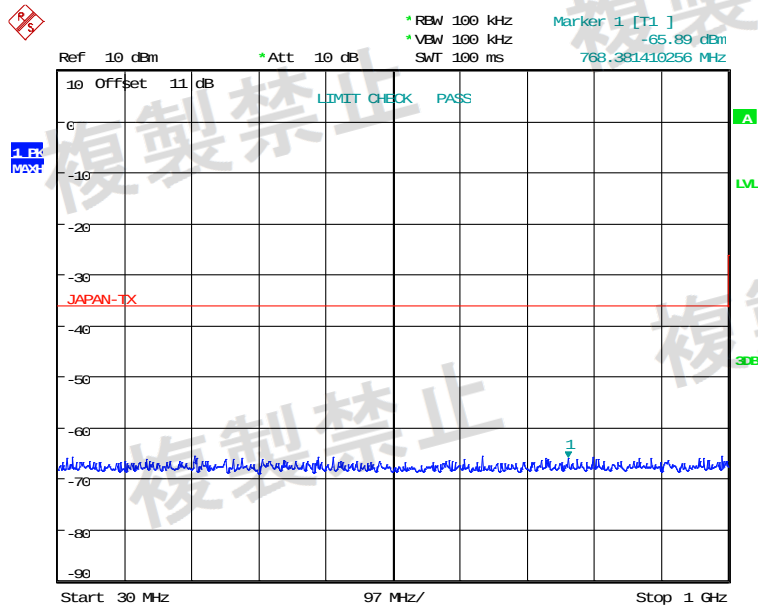
CONDUCTED SPURIOUS EMISSION 802.11G CH1
Date: 29.JAN.2024 22:11:56



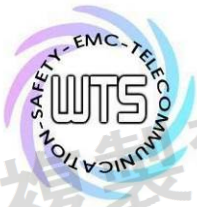
Worldwide Testing Services(Taiwan) Co., Ltd.



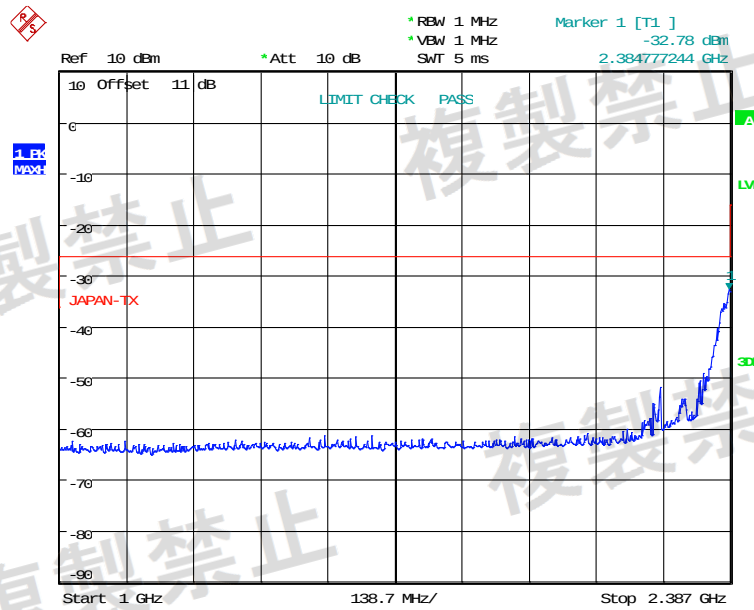
CONDUCTED SPURIOUS EMISSION 802.11G CH1
Date: 29.JAN.2024 22:07:02



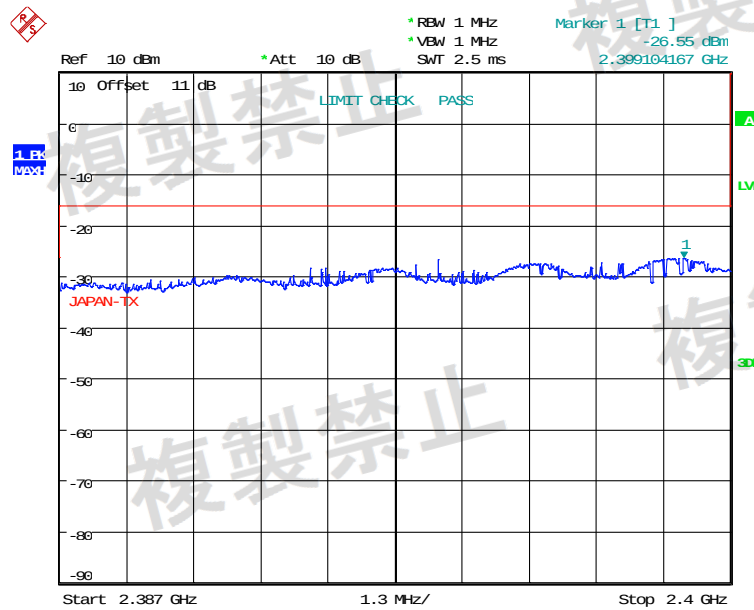
CONDUCTED SPURIOUS EMISSION 802.11G CH6
Date: 22.JAN.2024 20:54:49



Worldwide Testing Services(Taiwan) Co., Ltd.



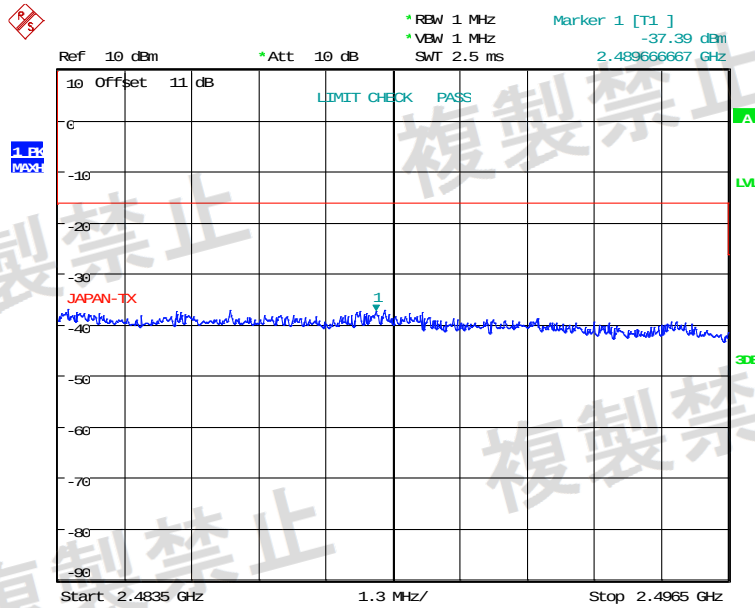
CONDUCTED SPURIOUS EMISSION 802.11G CH6
Date: 29.JAN.2024 22:21:29



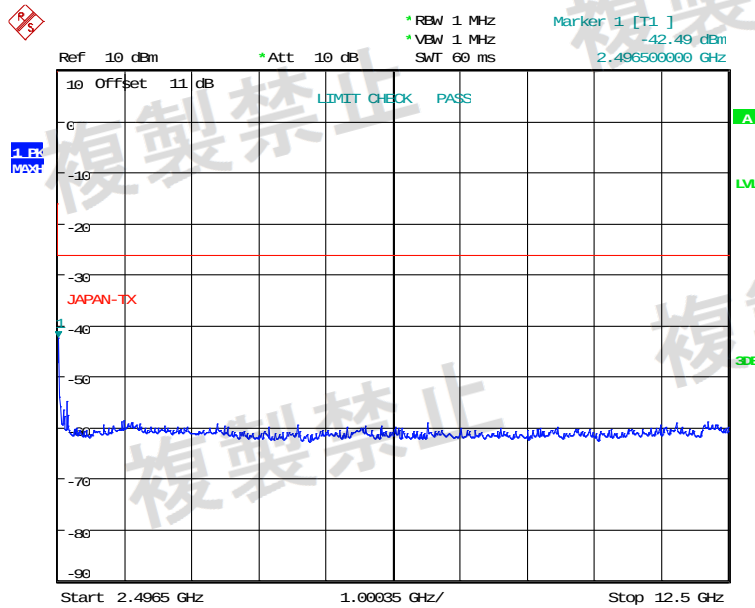
CONDUCTED SPURIOUS EMISSION 802.11G CH6
Date: 29.JAN.2024 22:17:48



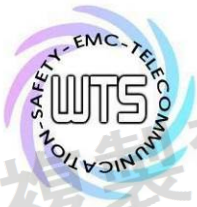
Worldwide Testing Services(Taiwan) Co., Ltd.



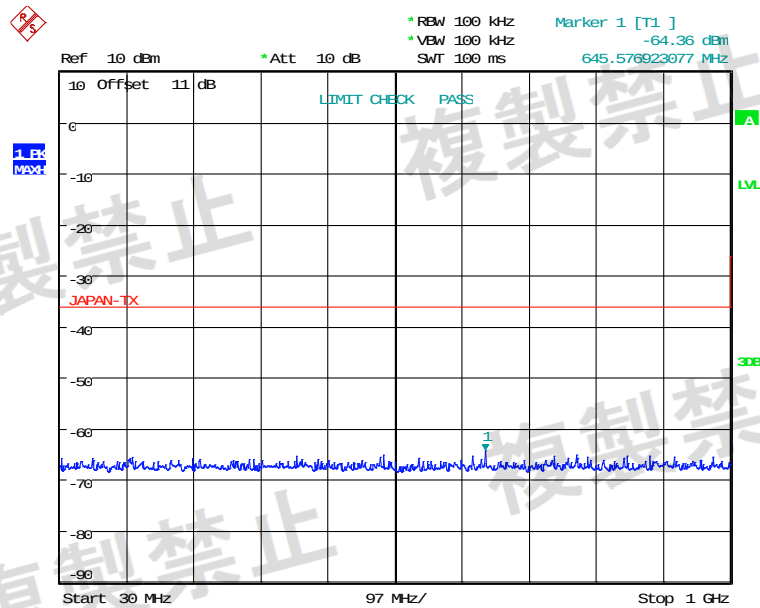
CONDUCTED SPURIOUS EMISSION 802.11G CH6
Date: 29.JAN.2024 22:11:26



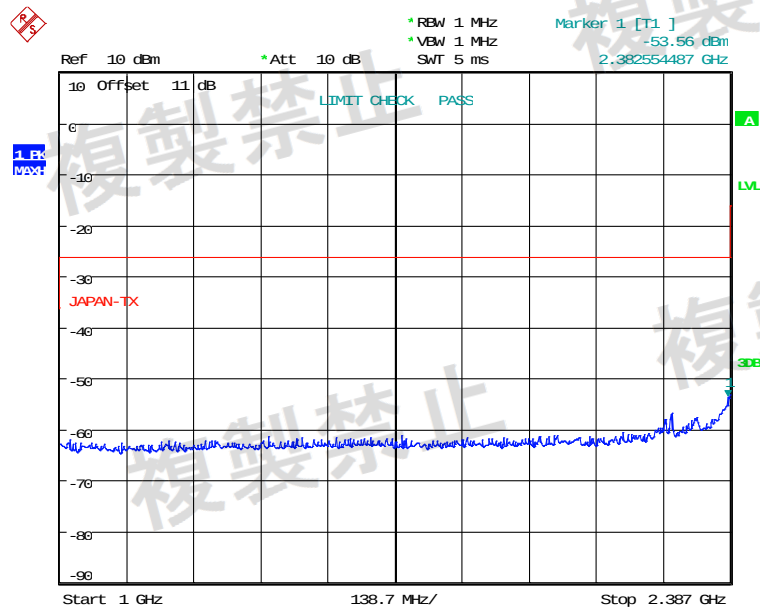
CONDUCTED SPURIOUS EMISSION 802.11G CH6
Date: 29.JAN.2024 22:06:39



Worldwide Testing Services(Taiwan) Co., Ltd.



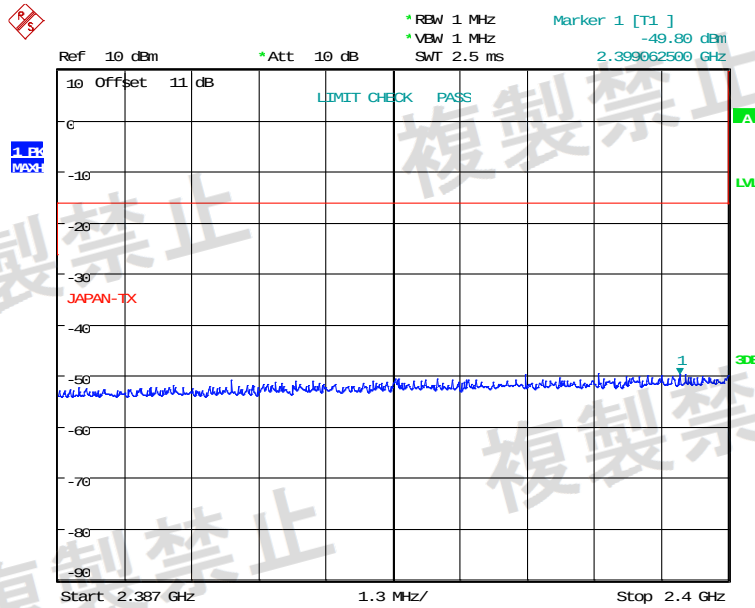
CONDUCTED SPURIOUS EMISSION 802.11G CH11
Date: 22.JAN.2024 20:54:29



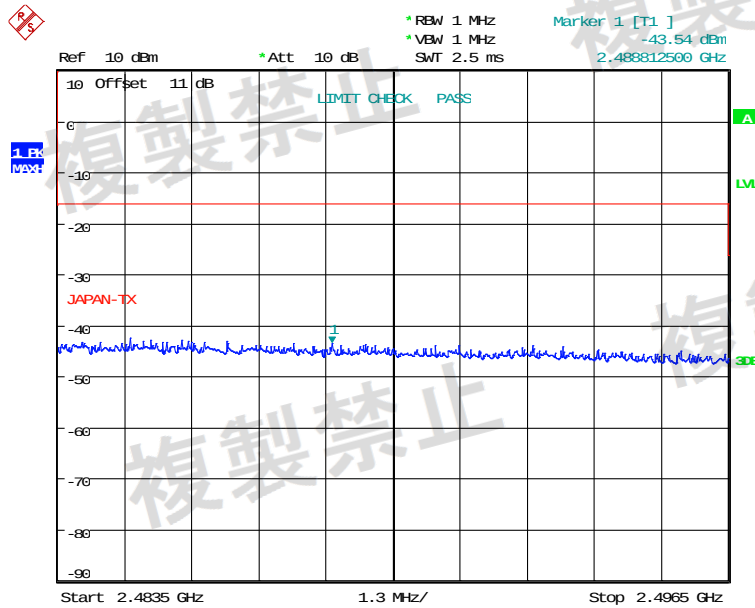
CONDUCTED SPURIOUS EMISSION 802.11G CH11
Date: 29.JAN.2024 22:21:08



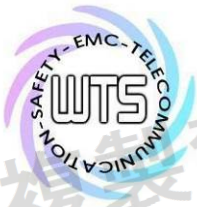
Worldwide Testing Services(Taiwan) Co., Ltd.



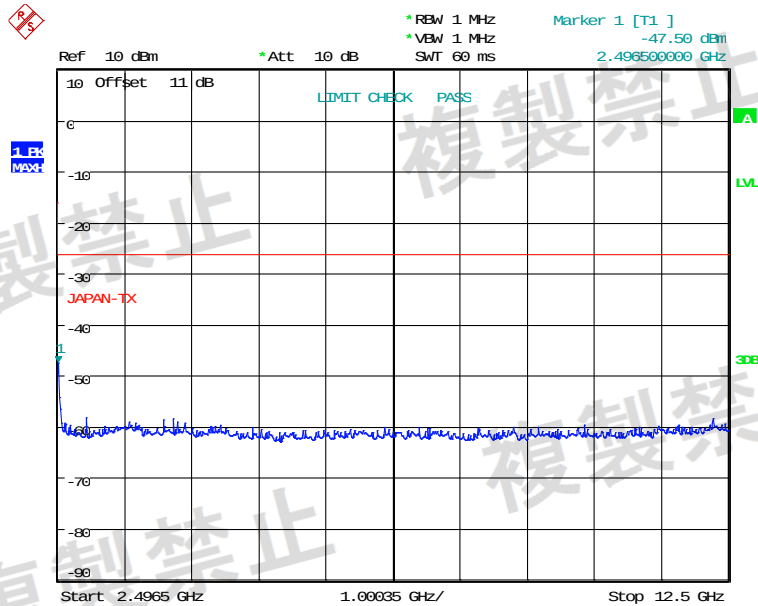
CONDUCTED SPURIOUS EMISSION 802.11G CH11
Date: 29.JAN.2024 22:18:10



CONDUCTED SPURIOUS EMISSION 802.11G CH11
Date: 29.JAN.2024 22:11:01



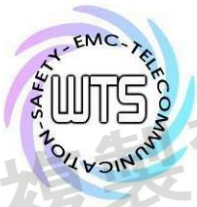
Worldwide Testing Services(Taiwan) Co., Ltd.



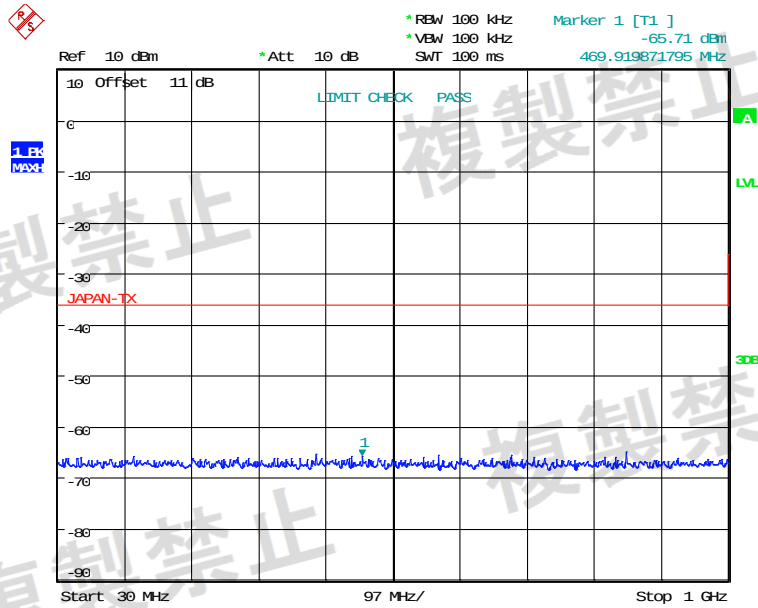
CONDUCTED SPURIOUS EMISSION 802.11G CH11
Date: 29.JAN.2024 22:07:28

Mode C

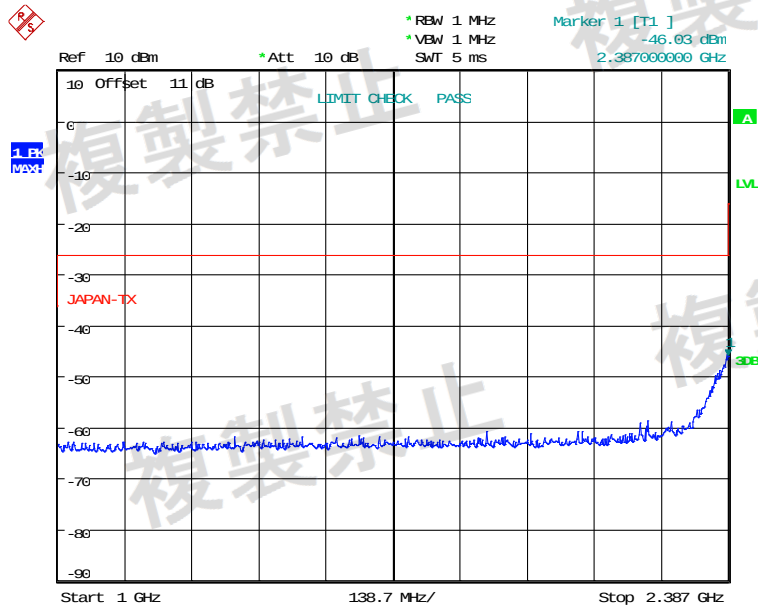
Spurious emission transmitter							
Frequency Range	Test Freq		Test Volt	measure Frequency(MHz)	measure value(dBm)	Limit(dBm)	Margin
30-1000MHz	802.11n20	CH 01	12Vd.c.	469.9198718	-65.71	-36.02	-29.69
1000-2387MHz				2387	-46.03	-26.02	-20.01
2387-2400MHz		2412 MHz		2399.979167	-26.27	-16.02	-10.25
2483.5-2496.5MHz				2484.479167	-54.46	-16.02	-38.44
2496.5-12750MHz				11522.09375	-59.04	-26.02	-33.02
30-1000MHz	802.11n20	CH 06		802.5801282	-65.63	-36.02	-29.61
1000-2387MHz				2384.777244	-35.57	-26.02	-9.55
2387-2400MHz		2437 MHz		2399.4375	-27.6	-16.02	-11.58
2483.5-2496.5MHz				2486	-34.64	-16.02	-18.62
2496.5-12750MHz				2496.5	-45.58	-26.02	-19.56
30-1000MHz	802.11n20	CH 11		953.3653846	-65.9	-36.02	-29.88
1000-2387MHz				2266.971154	-56.26	-26.02	-30.24
2387-2400MHz		2462 MHz		2398.541667	-52.23	-16.02	-36.21
2483.5-2496.5MHz				2484.604167	-45.3	-16.02	-29.28
2496.5-12750MHz				2496.5	-49	-26.02	-22.98



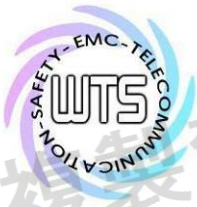
Worldwide Testing Services(Taiwan) Co., Ltd.



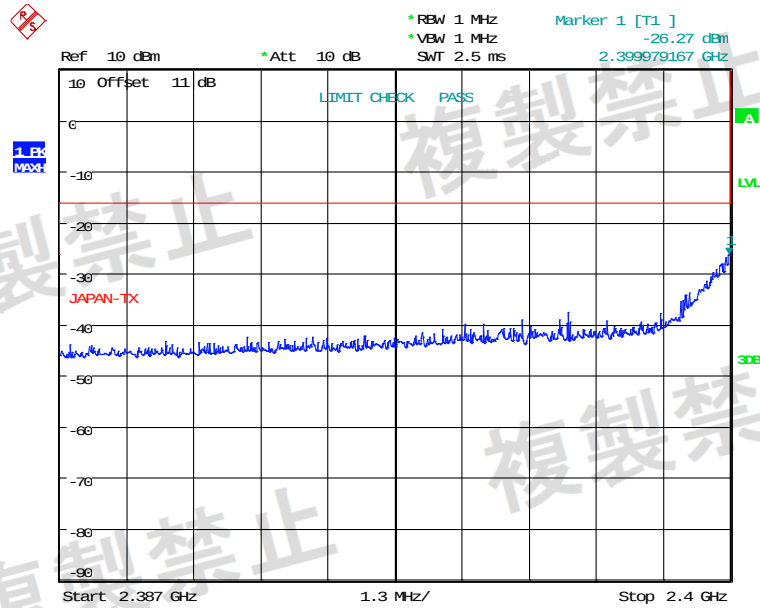
CONDUCTED SPURIOUS EMISSION 802.11N 20M CH1
Date: 22.JAN.2024 20:55:39



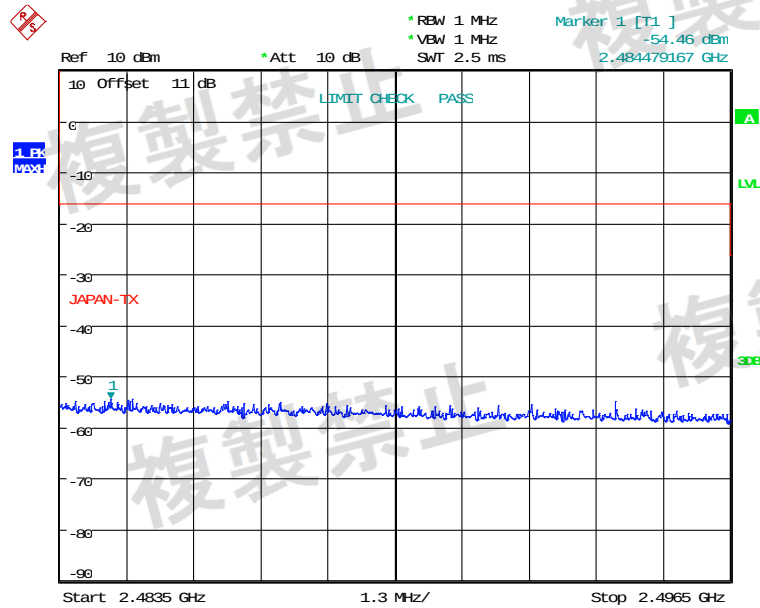
CONDUCTED SPURIOUS EMISSION 802.11N 20M CH1
Date: 29.JAN.2024 22:19:50



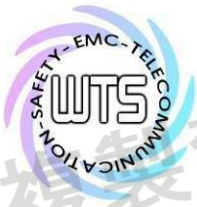
Worldwide Testing Services(Taiwan) Co., Ltd.



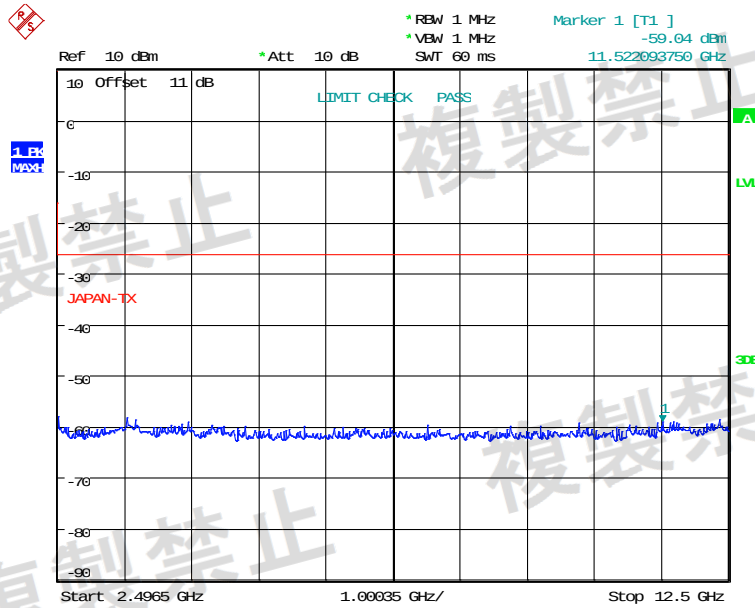
CONDUCTED SPURIOUS EMISSION 802.11N 20M CH1
Date: 29.JAN.2024 22:19:24



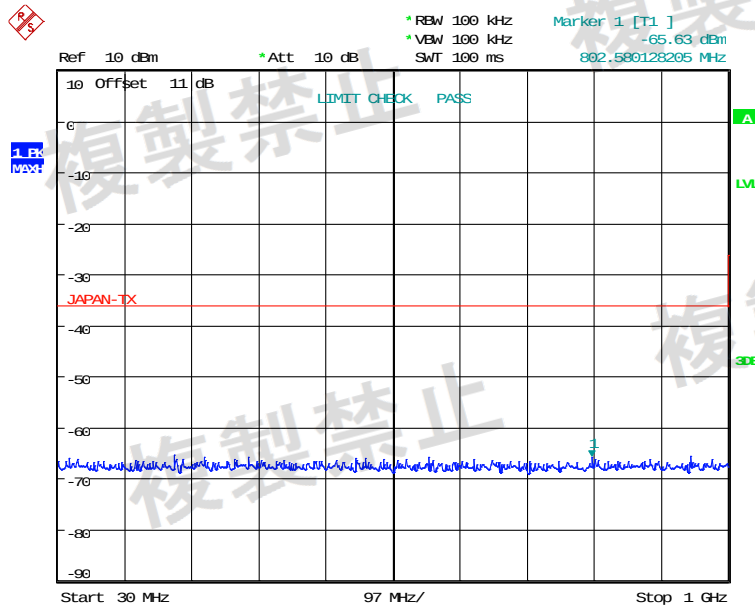
CONDUCTED SPURIOUS EMISSION 802.11N 20M CH1
Date: 29.JAN.2024 22:09:41



Worldwide Testing Services(Taiwan) Co., Ltd.



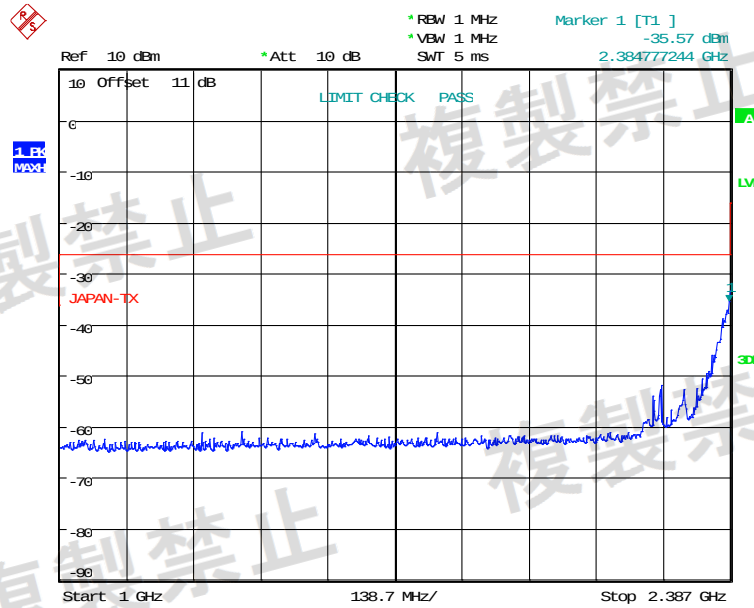
CONDUCTED SPURIOUS EMISSION 802.11N 20M CH1
Date: 29.JAN.2024 22:08:55



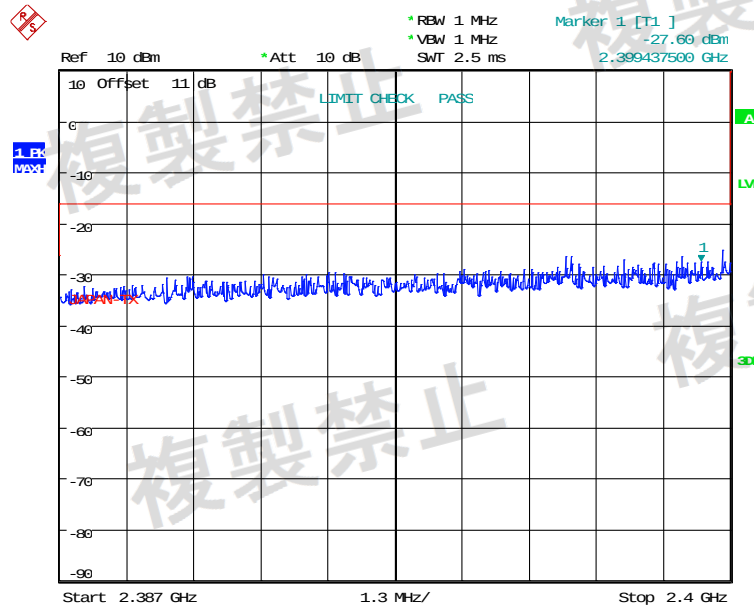
CONDUCTED SPURIOUS EMISSION 802.11N 20M CH6
Date: 22.JAN.2024 20:55:58



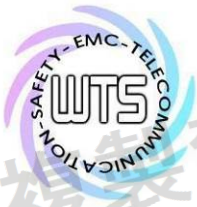
Worldwide Testing Services(Taiwan) Co., Ltd.



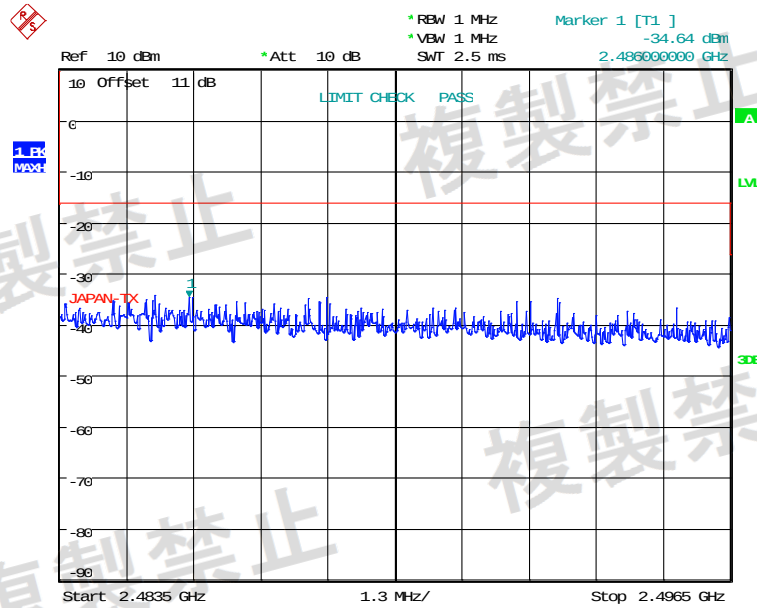
CONDUCTED SPURIOUS EMISSION 802.11N 20M CH6
Date: 29.JAN.2024 22:20:14



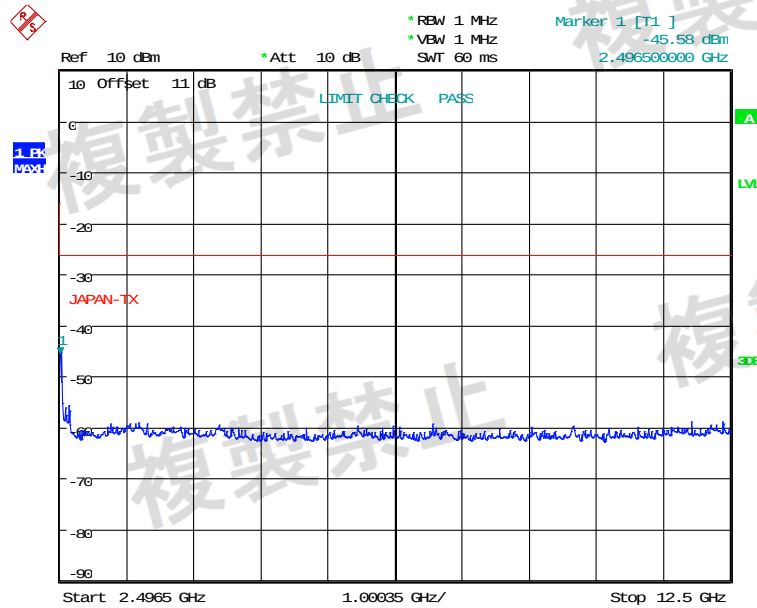
CONDUCTED SPURIOUS EMISSION 802.11N 20M CH6
Date: 29.JAN.2024 22:19:05



Worldwide Testing Services(Taiwan) Co., Ltd.



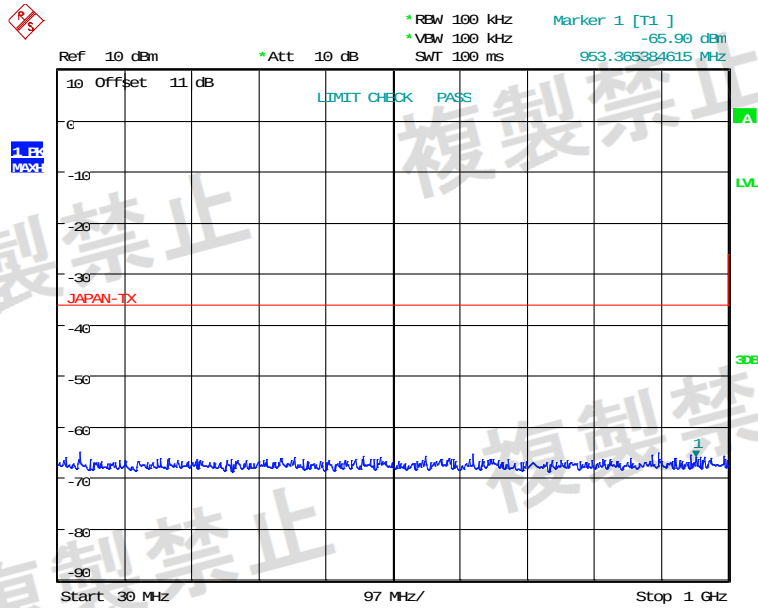
CONDUCTED SPURIOUS EMISSION 802.11N 20M CH6
Date: 29.JAN.2024 22:10:06



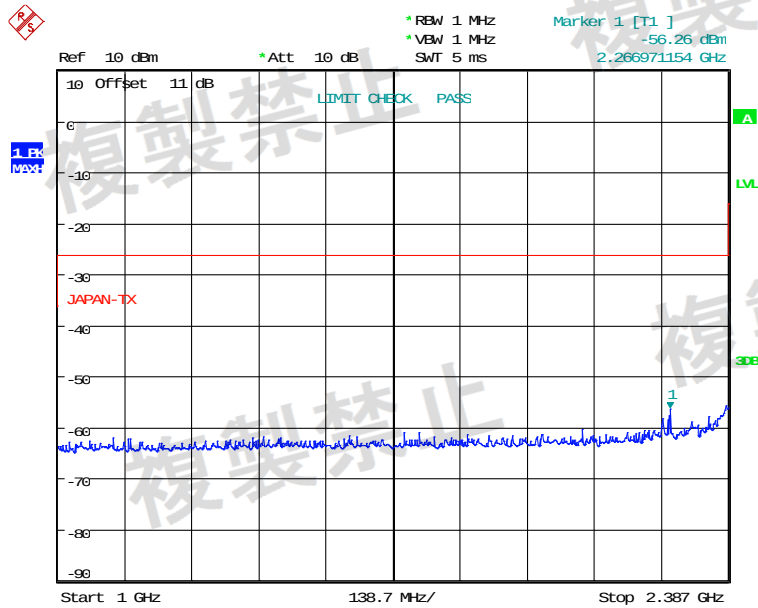
CONDUCTED SPURIOUS EMISSION 802.11N 20M CH6
Date: 29.JAN.2024 22:08:31



Worldwide Testing Services(Taiwan) Co., Ltd.



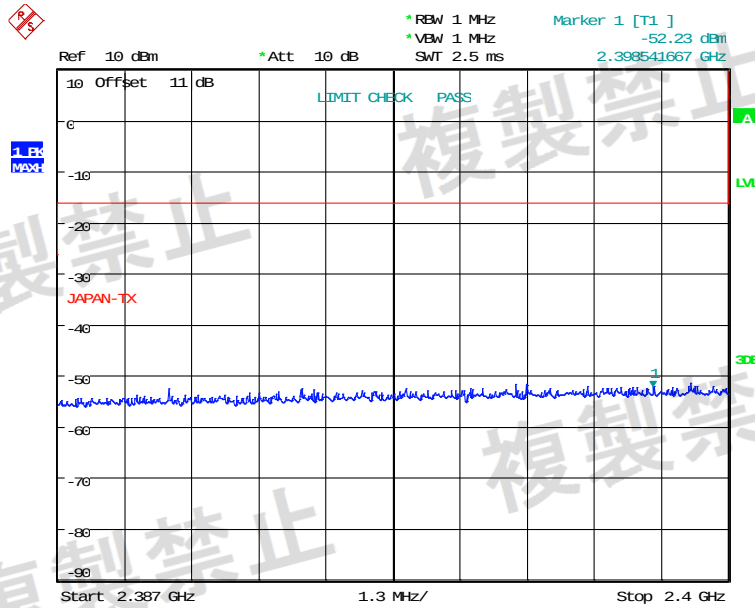
CONDUCTED SPURIOUS EMISSION 802.11N 20M CH11
Date: 22.JAN.2024 20:56:19



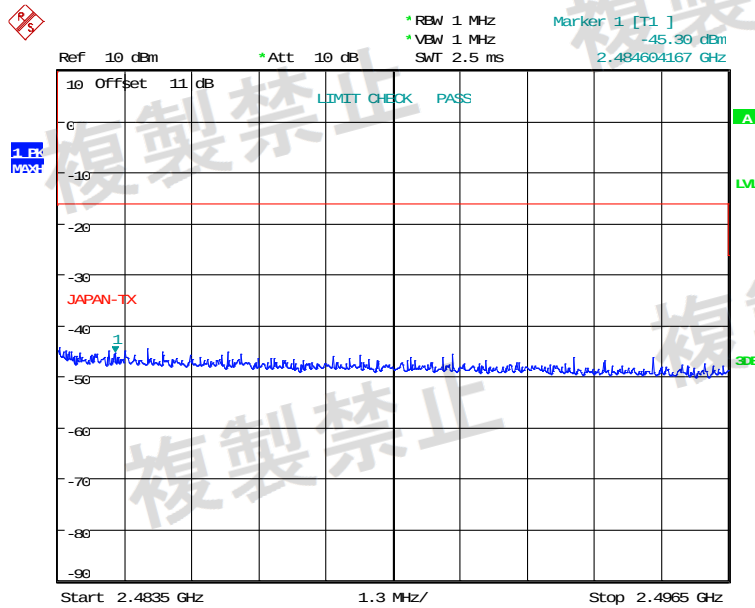
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Date: 29.JAN.2024 22:20:34



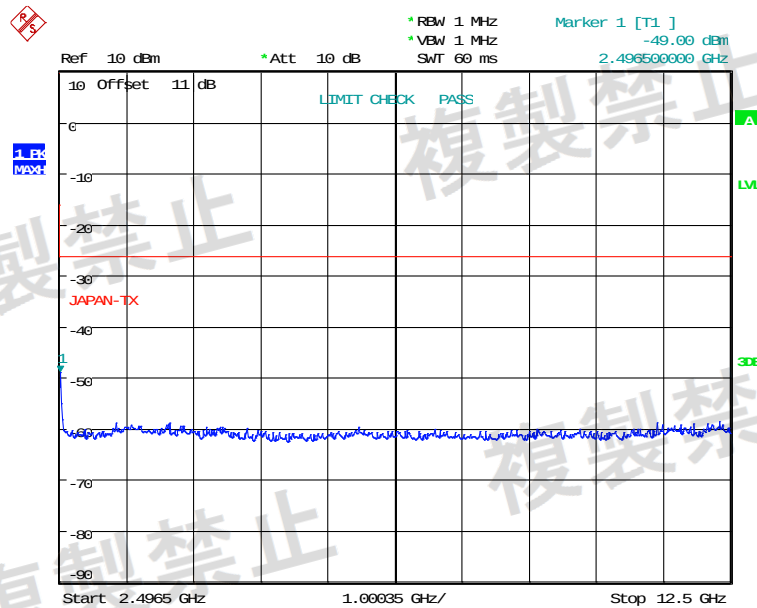
Worldwide Testing Services(Taiwan) Co., Ltd.



CONDUCTED SPURIOUS EMISSION 802.11N 20M CH11
Date: 29.JAN.2024 22:18:41



CONDUCTED SPURIOUS EMISSION 802.11N 20M CH11
Date: 29.JAN.2024 22:10:27



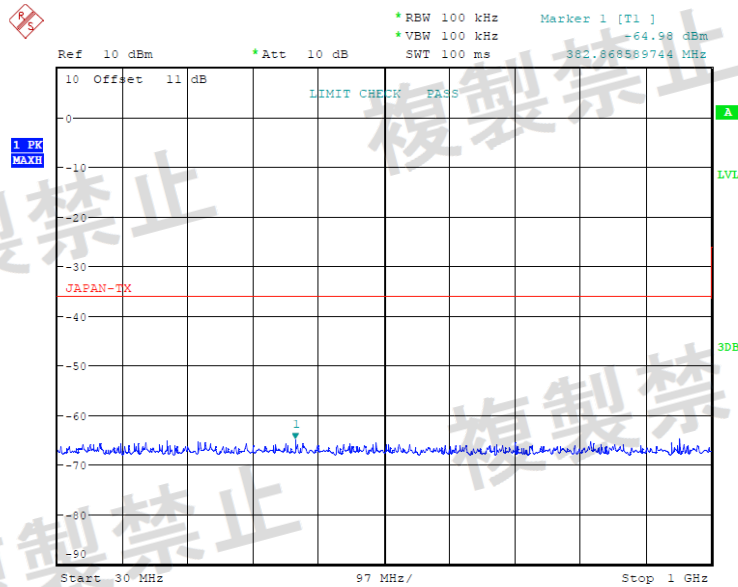
CONDUCTED SPURIOUS EMISSION 802.11N 20M CH11
Date: 29.JAN.2024 22:08:00

Mode D
GFSK

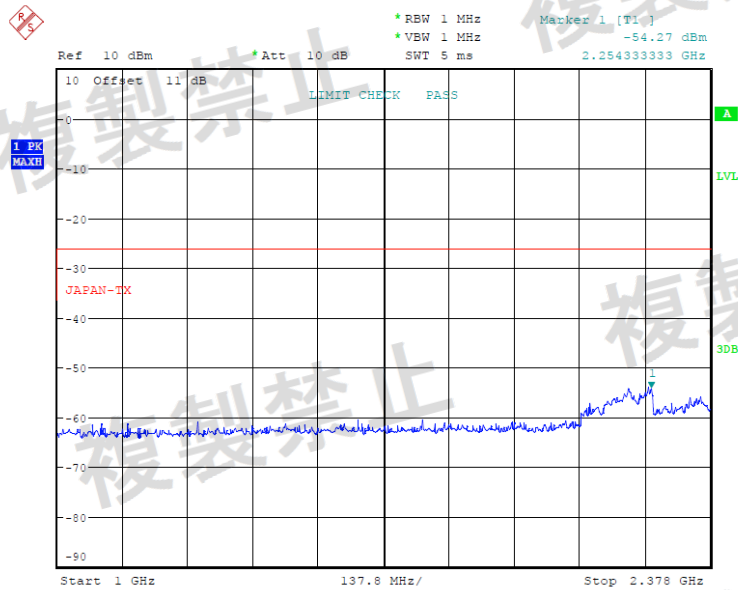
Spurious emission transmitter							
Frequency Range	Test Mode	Test Freq	Test Volt	measure Frequency(MHz)	measure value(dBm)	Limit(dBm)	Margin
30-1000MHz	NORMAL	FHSS	12Vd.c.	382.8685897	-64.98	-36.02	-28.96
1000-2387MHz				2254.333333	-54.27	-26.02	-28.25
2387-2400MHz				2399.9974	-32.08	-16.02	-16.06
2483.5-2496.5MHz				2483.5091	-48.19	-16.02	-32.17
2496.5-12750MHz				7418.09375	-46.18	-26.02	-20.16



Worldwide Testing Services(Taiwan) Co., Ltd.



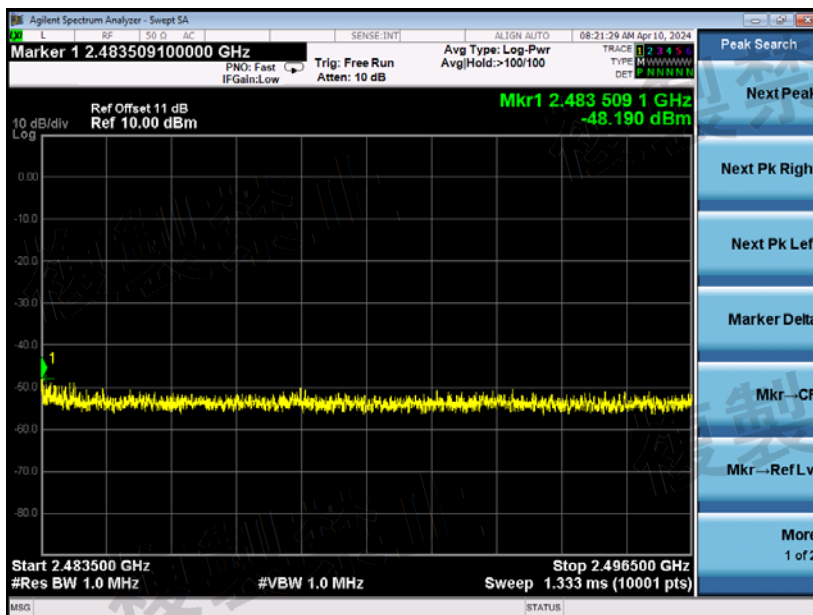
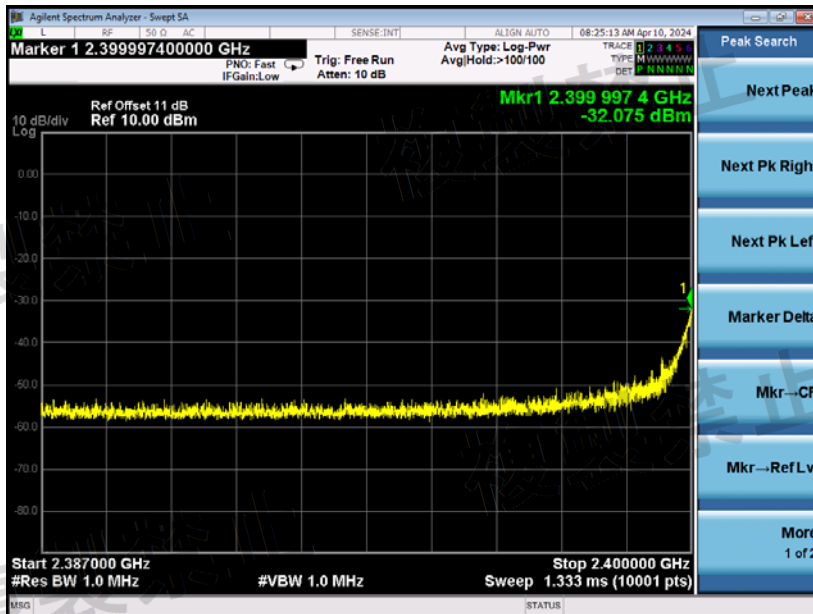
CONDUCTED SPURIOUS EMISSION NORMAL MODE
Date: 2.APR.2024 22:21:42



CONDUCTED SPURIOUS EMISSION NORMAL MODE
Date: 2.APR.2024 22:24:08

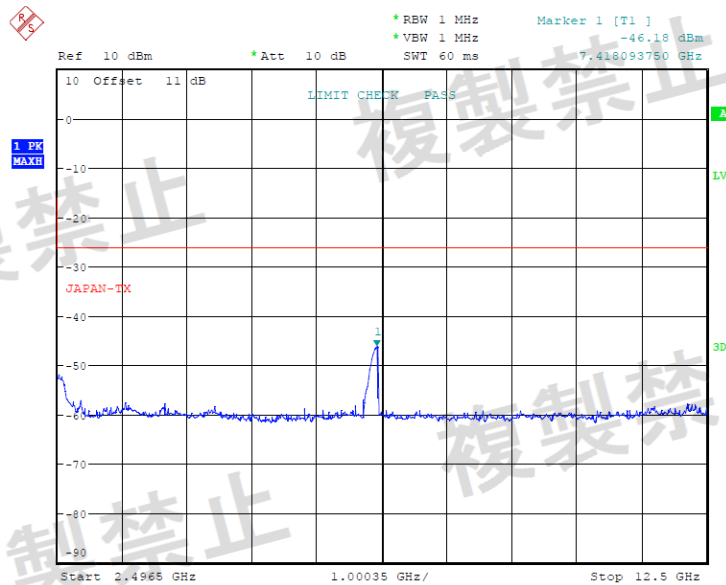


Worldwide Testing Services(Taiwan) Co., Ltd.





Worldwide Testing Services(Taiwan) Co., Ltd.



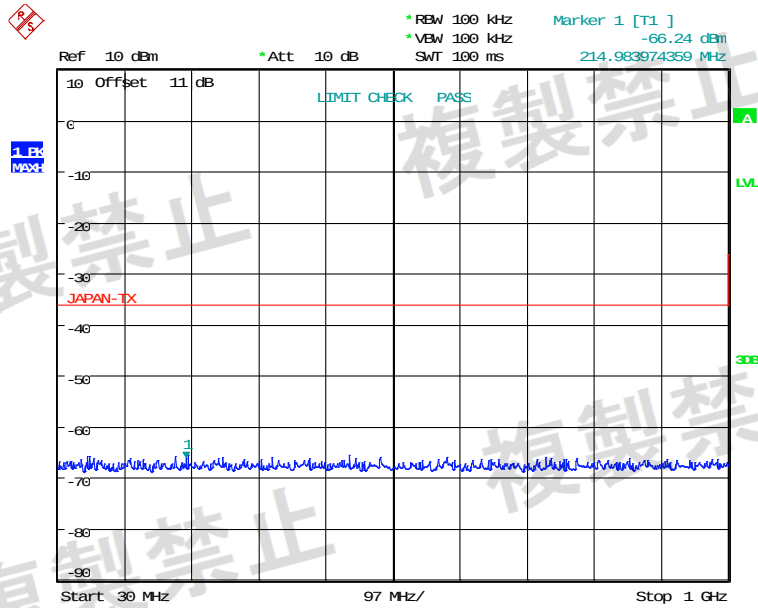
CONDUCTED SPURIOUS EMISSION NORMAL MODE
Date: 2.APR.2024 22:13:09

$\pi / 4$ DQPSK

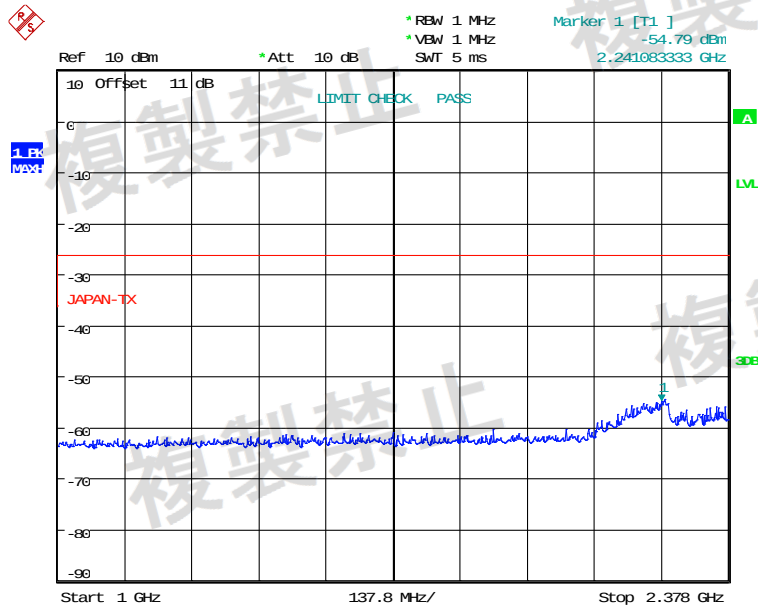
Spurious emission transmitter							
Frequency Range	Test Mode	Test Freq	Test Volt	measure Frequency(MHz)	measure value(dBm)	Limit(dBm)	Margin
30-1000MHz	EDR 2M	FHSS	12Vd.c.	214.9839744	-66.24	-36.02	-30.22
1000-2387MHz				2241.083333	-54.79	-26.02	-28.77
2387-2400MHz				2399.9805	-26.84	-16.02	-10.82
2483.5-2496.5MHz				2484.1578	-49.83	-16.02	-33.81
2496.5-12750MHz				7402.0625	-48.46	-26.02	-22.44



Worldwide Testing Services(Taiwan) Co., Ltd.



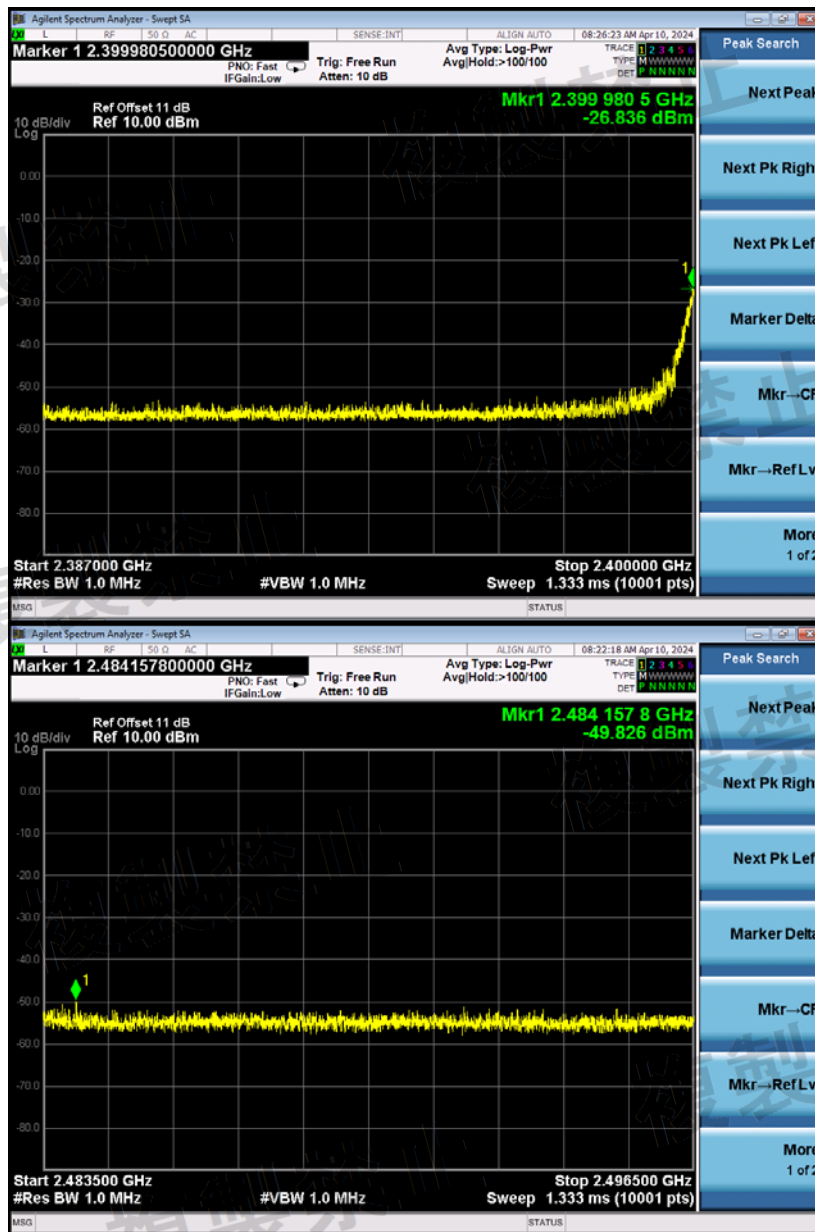
CONDUCTED SPURIOUS EMISSION EDR MODE 2M
Date: 2.APR.2024 22:20:58



CONDUCTED SPURIOUS EMISSION EDR MODE 2M
Date: 2.APR.2024 22:22:40

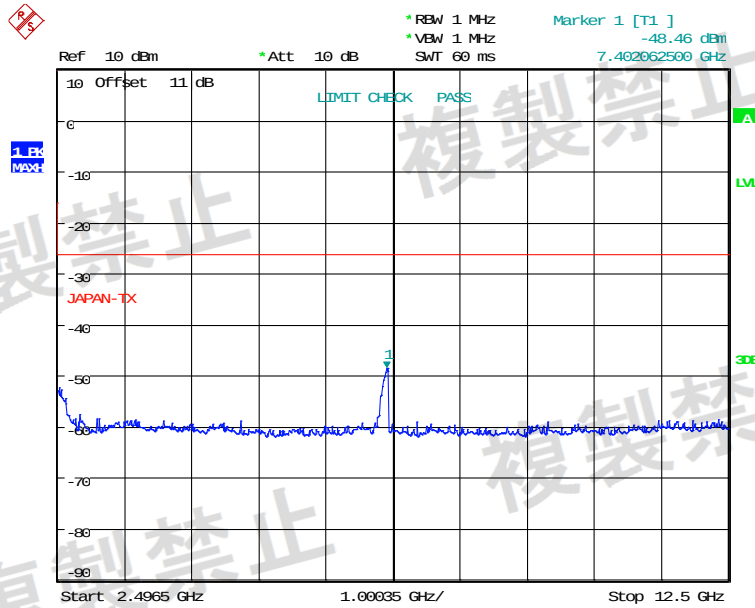


Worldwide Testing Services(Taiwan) Co., Ltd.





Worldwide Testing Services(Taiwan) Co., Ltd.



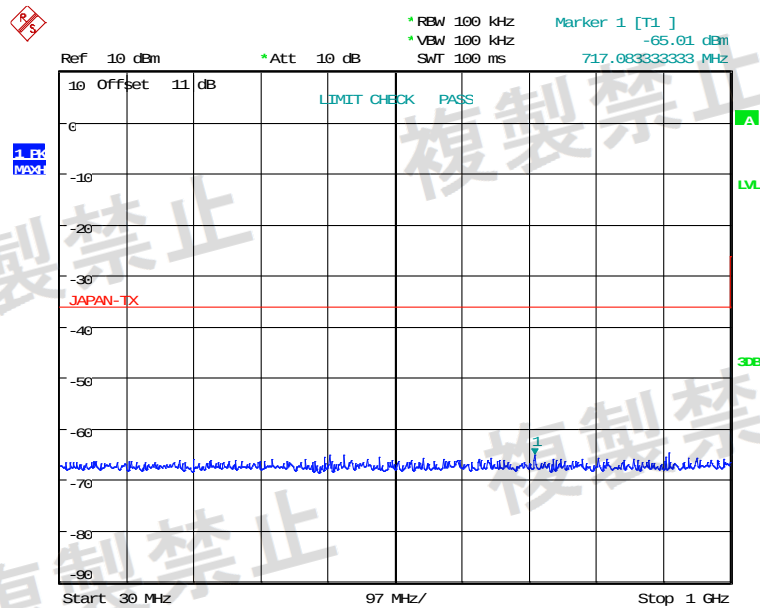
CONDUCTED SPURIOUS EMISSION EDR MODE 2M
Date: 2.APR.2024 22:14:15

8DPSK

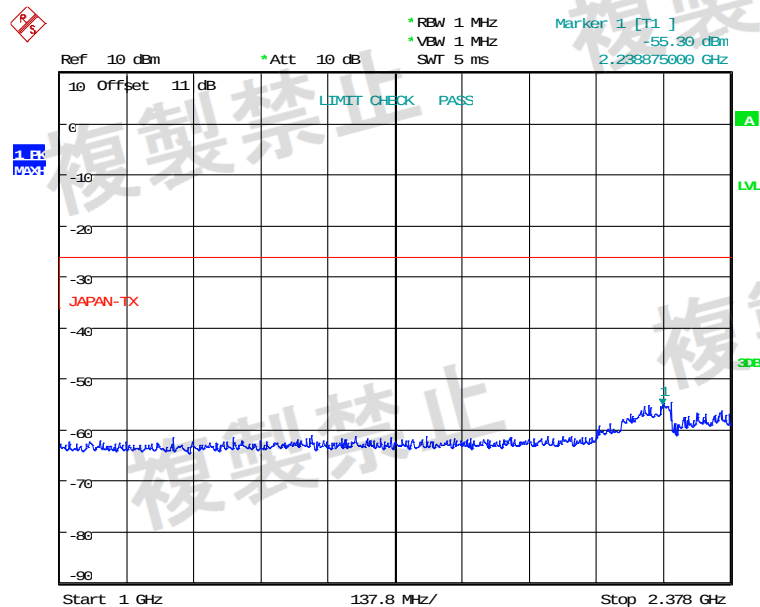
Spurious emission transmitter							
Frequency Range	Test Mode	Test Freq	Test Volt	measure Frequency(MHz)	measure value(dBm)	Limit(dBm)	Margin
30-1000MHz	EDR 3M	FHSS	12Vd.c.	717.0833333	-65.01	-36.02	-28.99
1000-2387MHz				2238.875	-55.3	-26.02	-29.28
2387-2400MHz				2399.9818	-27.1	-16.02	-11.08
2483.5-2496.5MHz				2483.5273	-48.4	-16.02	-32.38
2496.5-12750MHz				7434.125	-48.36	-26.02	-22.34



Worldwide Testing Services(Taiwan) Co., Ltd.



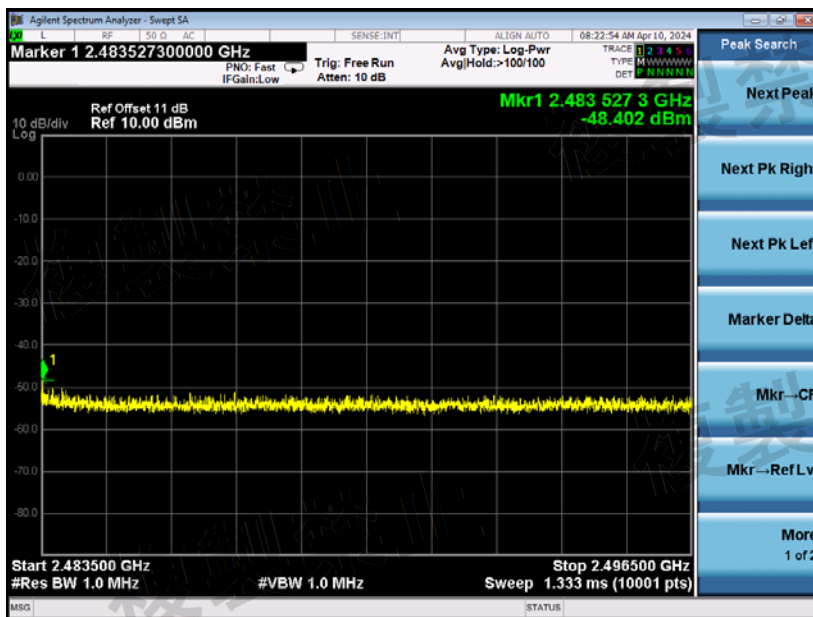
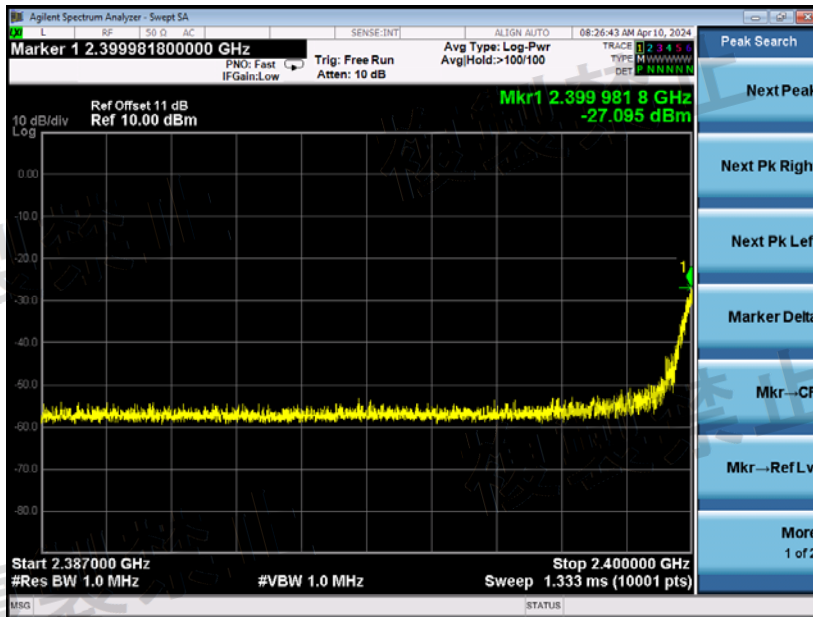
CONDUCTED SPURIOUS EMISSION EDR MODE 3M
Date: 2.APR.2024 22:16:17



CONDUCTED SPURIOUS EMISSION EDR MODE 3M
Date: 2.APR.2024 22:23:09

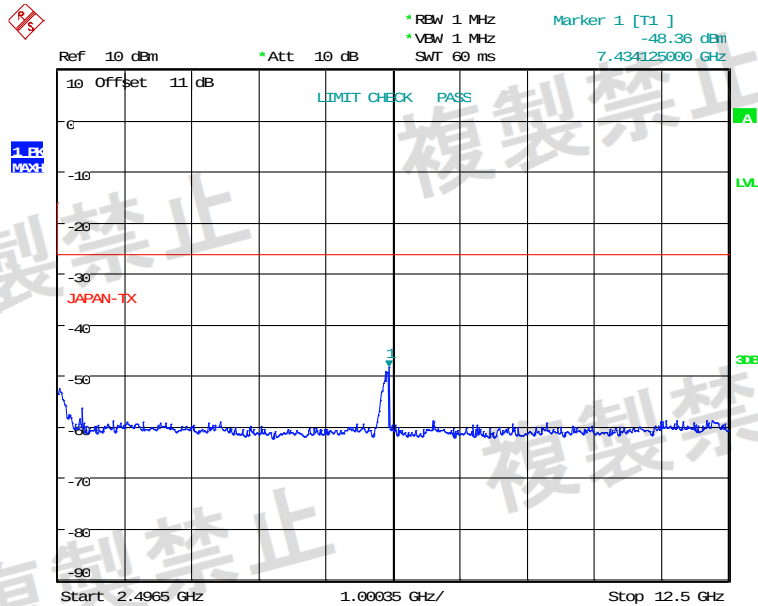


Worldwide Testing Services(Taiwan) Co., Ltd.





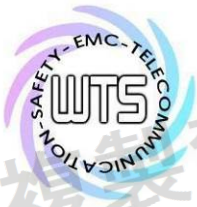
Worldwide Testing Services(Taiwan) Co., Ltd.



CONDUCTED SPURIOUS EMISSION EDR MODE 3M
Date: 2.APR.2024 22:14:55

Mode E

Spurious emission transmitter							
Frequency Range	Test Freq		Test Volt	measure Frequency(MHz)	measure value(dBm)	Limit(dBm)	Margin
30-1000MHz	BLE 1M	CH 0	12Vd.c.	228.974359	-65.61	-36.02	-29.59
1000-2387MHz				2180.709135	-59.7	-26.02	-33.68
2387-2400MHz				2400	-21.61	-16.02	-5.59
2483.5-2496.5MHz		2402 MHz		2494.5	-59.65	-16.02	-43.63
2496.5-12750MHz				5189.75	-53.96	-26.02	-27.94
30-1000MHz				CH 19	856.9871795	-65.8	-36.02
1000-2387MHz		2216.286058			-58.58	-26.02	-32.56
2387-2400MHz		2440 MHz			2392.083333	-58.05	-16.02
2483.5-2496.5MHz				2493.916667	-58.47	-16.02	-42.45
2496.5-12750MHz				2576.65625	-58.41	-26.02	-32.39
30-1000MHz		CH 39		821.2339744	-65.27	-36.02	-29.25
1000-2387MHz				2256.310096	-57.79	-26.02	-31.77
2387-2400MHz				2480 MHz	2390.354167	-59.64	-16.02
2483.5-2496.5MHz		2483.5			-40.28	-16.02	-24.26
2496.5-12750MHz		11281.625			-58.9	-26.02	-32.88

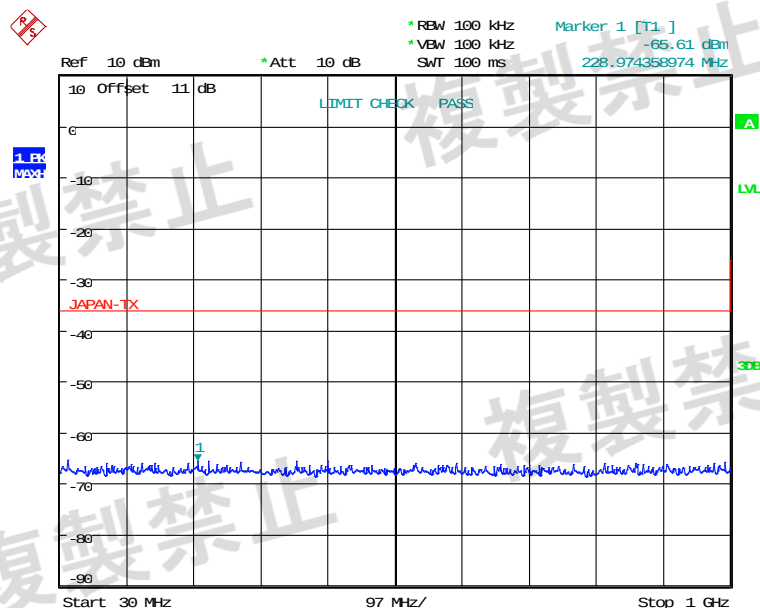


Worldwide Testing Services(Taiwan) Co., Ltd.

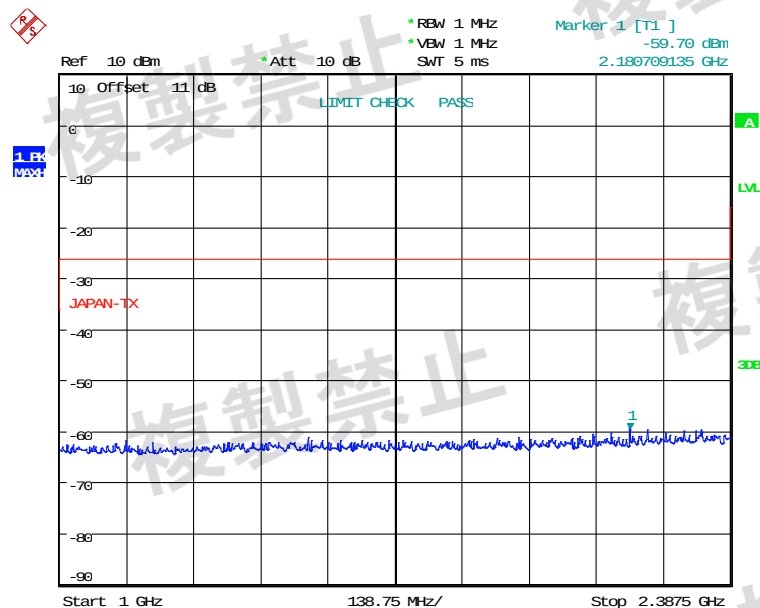
Spurious emission transmitter							
Frequency Range	Test Freq		Test Volt	measure Frequency(MHz)	measure value(dBm)	Limit(dBm)	Margin
30-1000MHz	BLE 1M	CH 0	12Vd.c.	165.2403846	-65.91	-36.02	-29.89
1000-2387MHz				2178.485577	-58.82	-26.02	-32.8
2387-2400MHz				2400	-16.18	-16.02	-0.16
2483.5-2496.5MHz		2402 MHz		2494.791667	-56.12	-16.02	-40.1
2496.5-12750MHz				5237.84375	-52.57	-26.02	-26.55
30-1000MHz				CH 19	460.5929487	-64.98	-36.02
1000-2387MHz		2218.509615			-59.3	-26.02	-33.28
2387-2400MHz		2440 MHz			2398.666667	-59.36	-16.02
2483.5-2496.5MHz				2495.145833	-59.02	-16.02	-43
2496.5-12750MHz				5173.71875	-58.86	-26.02	-32.84
30-1000MHz		CH 39		754.3910256	-65.36	-36.02	-29.34
1000-2387MHz				2256.310096	-58.31	-26.02	-32.29
2387-2400MHz				2480 MHz	2399.083333	-59.54	-16.02
2483.5-2496.5MHz		2483.5			-36.55	-16.02	-20.53
2496.5-12750MHz		5237.84375			-57.32	-26.02	-31.3



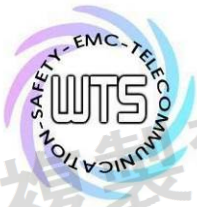
1M



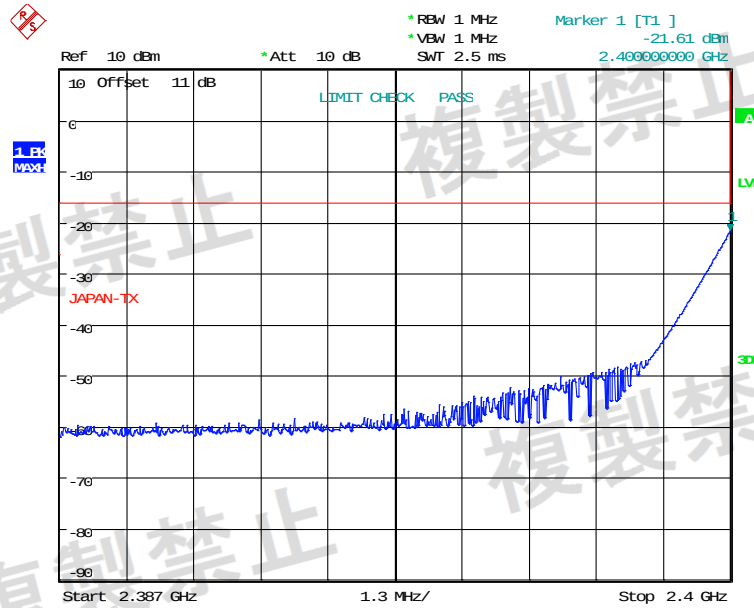
CONDUCTED SPURIOUS EMISSION BLE 1M CH0
Date: 2.APR.2024 17:26:48



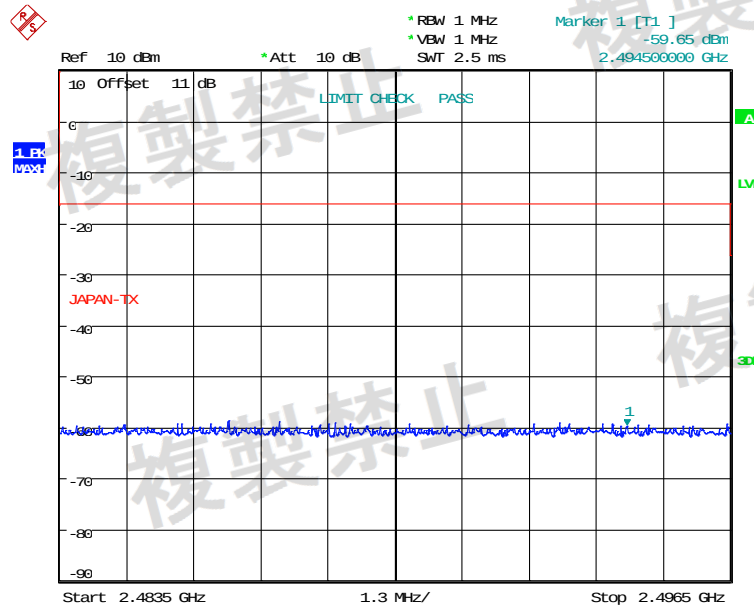
CONDUCTED SPURIOUS EMISSION BLE 1M CH0
Date: 2.APR.2024 17:24:20



Worldwide Testing Services(Taiwan) Co., Ltd.



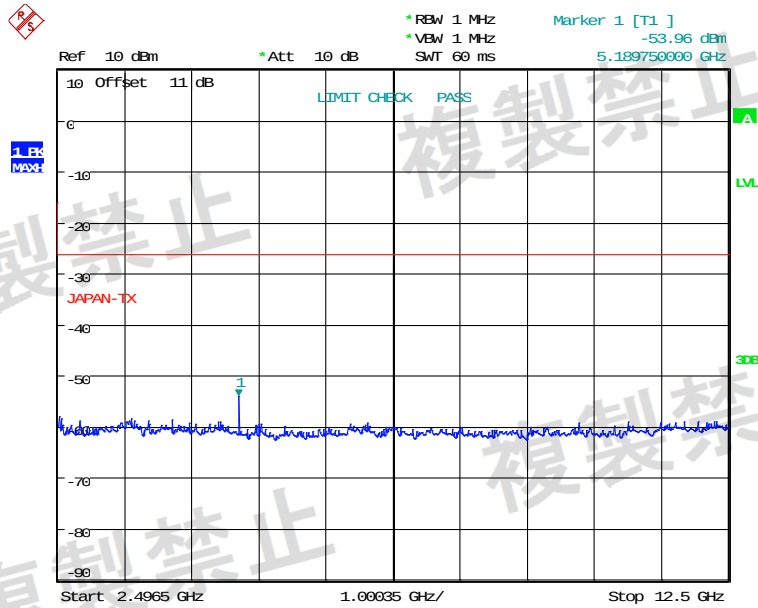
CONDUCTED SPURIOUS EMISSION BLE 1M CH0
Date: 2.APR.2024 17:32:16



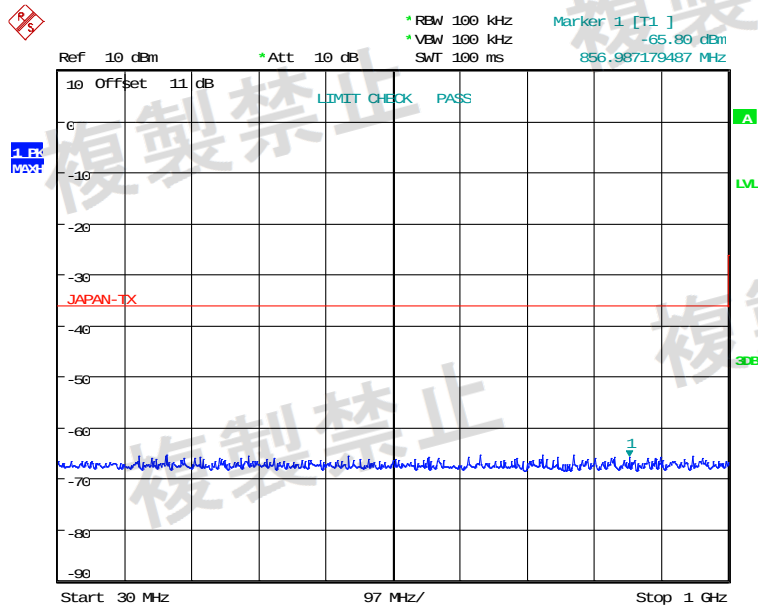
CONDUCTED SPURIOUS EMISSION BLE 1M CH0
Date: 2.APR.2024 17:36:12



Worldwide Testing Services(Taiwan) Co., Ltd.



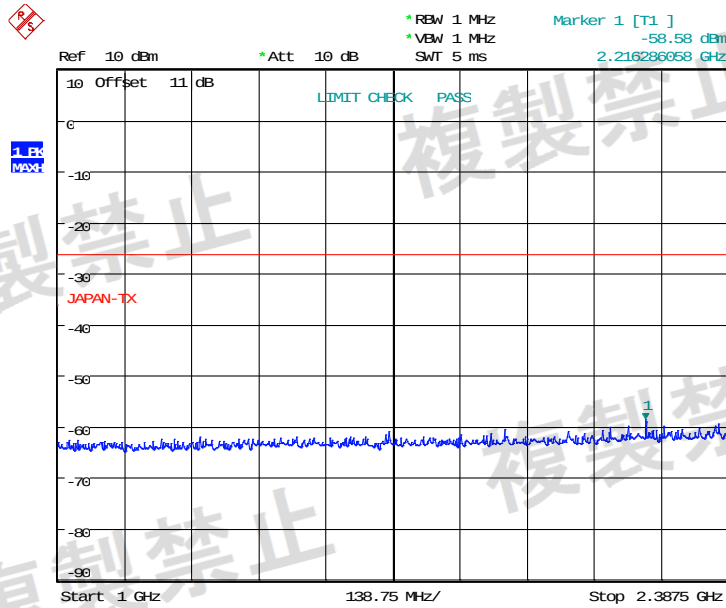
CONDUCTED SPURIOUS EMISSION BLE 1M CH0
Date: 2.APR.2024 17:52:46



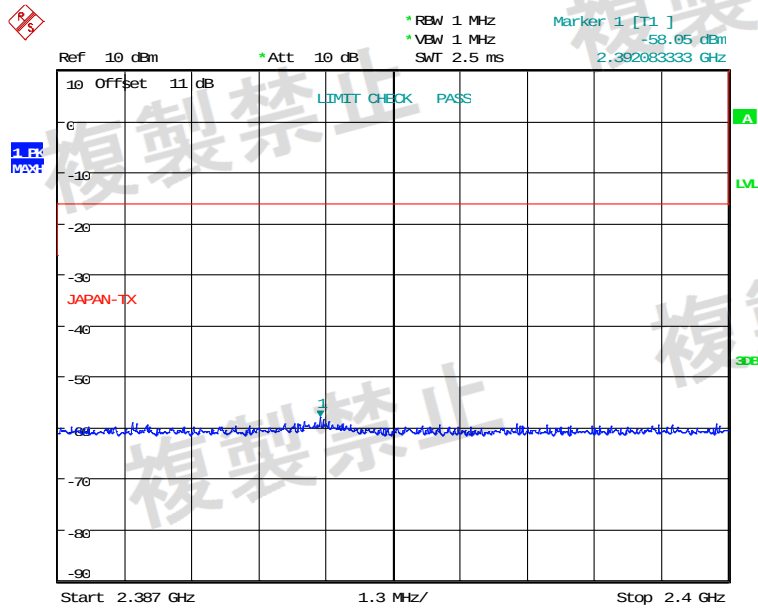
CONDUCTED SPURIOUS EMISSION BLE 1M CH19
Date: 2.APR.2024 17:27:15



Worldwide Testing Services(Taiwan) Co., Ltd.



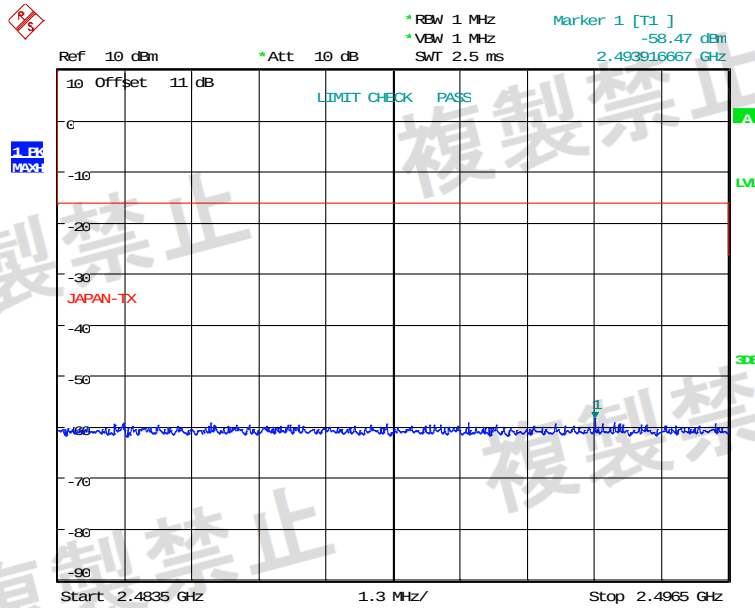
CONDUCTED SPURIOUS EMISSION BLE 1M CH19
Date: 2.APR.2024 17:24:50



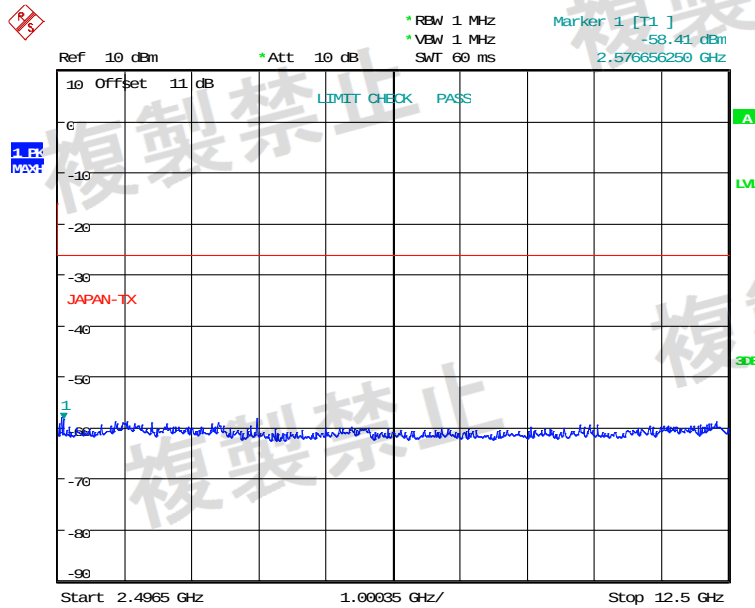
CONDUCTED SPURIOUS EMISSION BLE 1M CH19
Date: 2.APR.2024 17:29:31



Worldwide Testing Services(Taiwan) Co., Ltd.



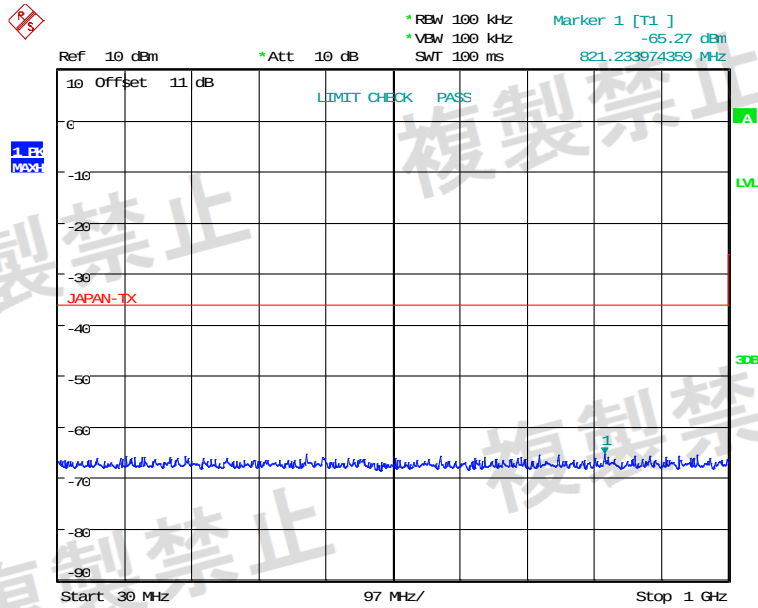
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Date: 2.APR.2024 17:40:05



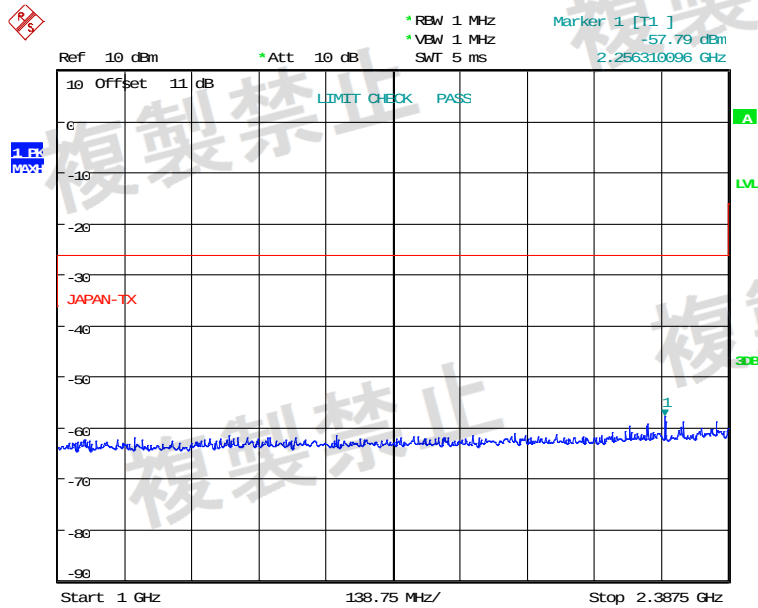
CONDUCTED SPURIOUS EMISSION BLE 1M CH19
Date: 2.APR.2024 17:46:18



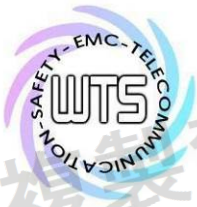
Worldwide Testing Services(Taiwan) Co., Ltd.



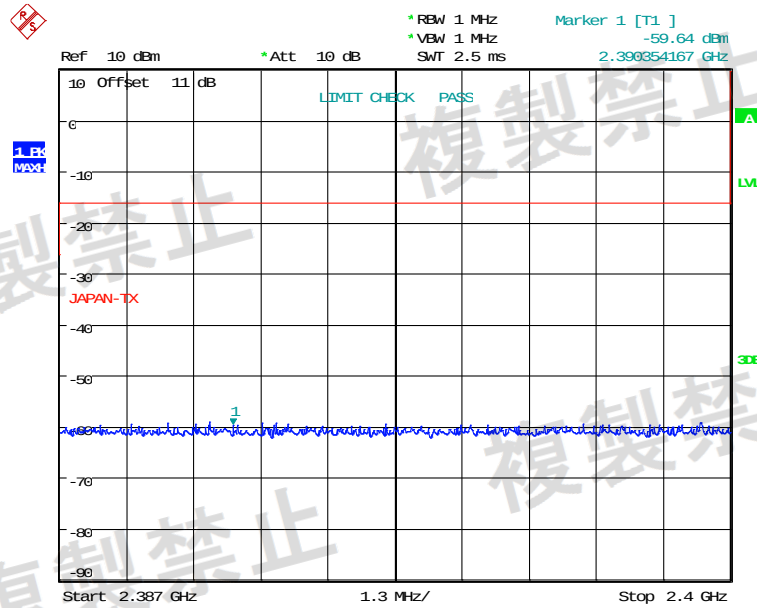
CONDUCTED SPURIOUS EMISSION BLE 1M CH39
Date: 2.APR.2024 17:27:45



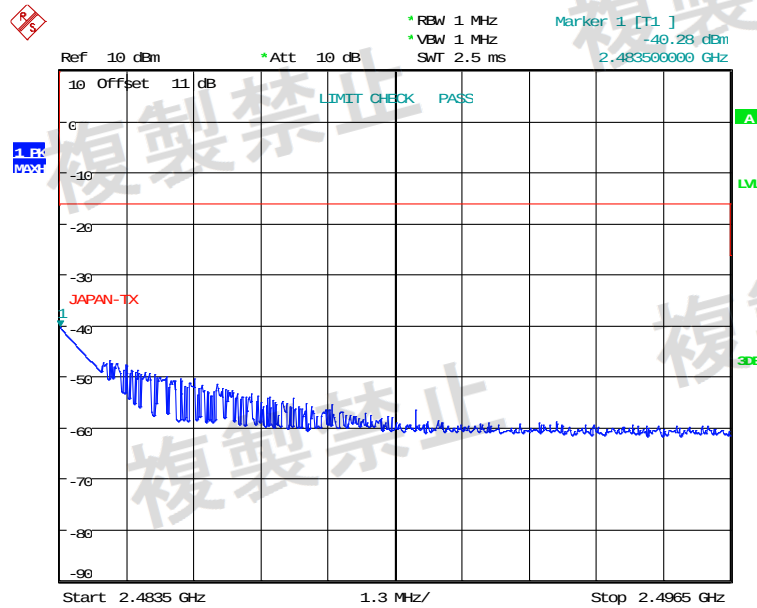
CONDUCTED SPURIOUS EMISSION BLE 1M CH39
Date: 2.APR.2024 17:23:45



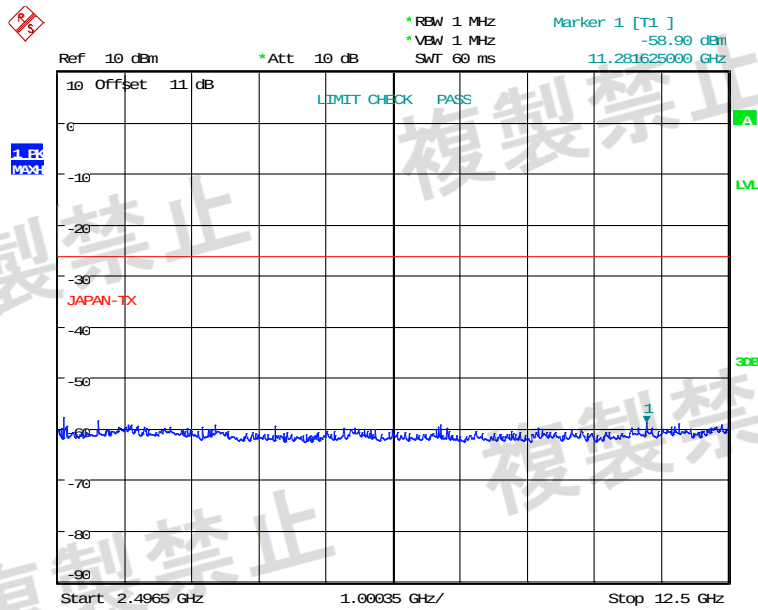
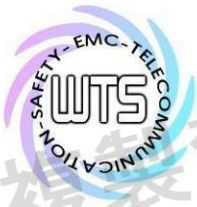
Worldwide Testing Services(Taiwan) Co., Ltd.



CONDUCTED SPURIOUS EMISSION BLE 1M CH39
Date: 2.APR.2024 17:33:05

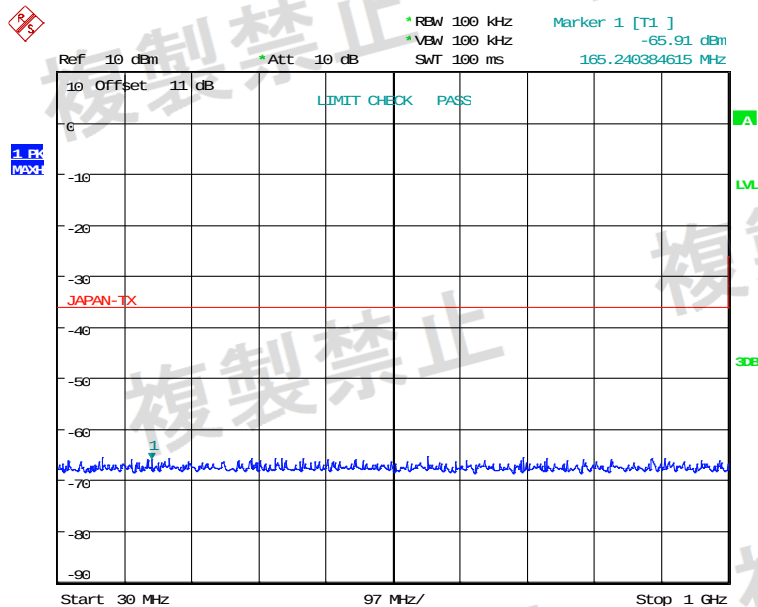


CONDUCTED SPURIOUS EMISSION BLE 1M CH39
Date: 2.APR.2024 17:35:28



CONDUCTED SPURIOUS EMISSION BLE 1M CH39
Date: 2.APR.2024 17:52:05

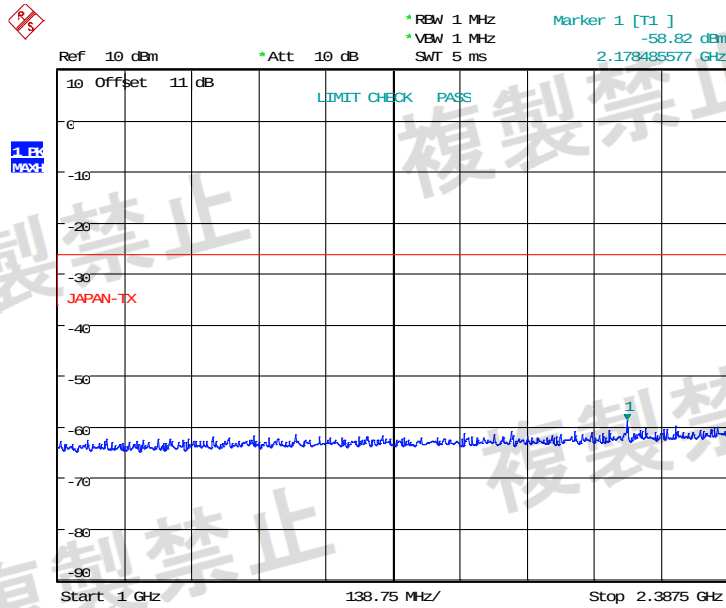
2M



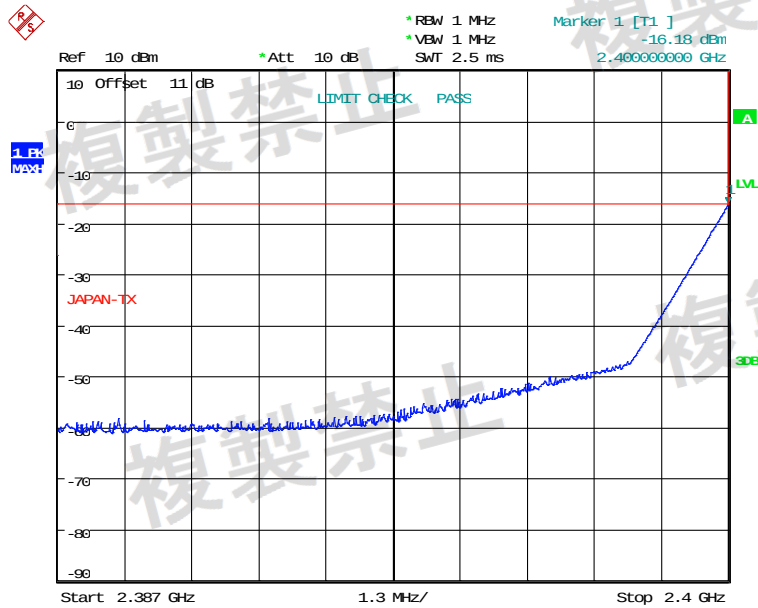
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Date: 2.APR.2024 16:57:14



Worldwide Testing Services(Taiwan) Co., Ltd.



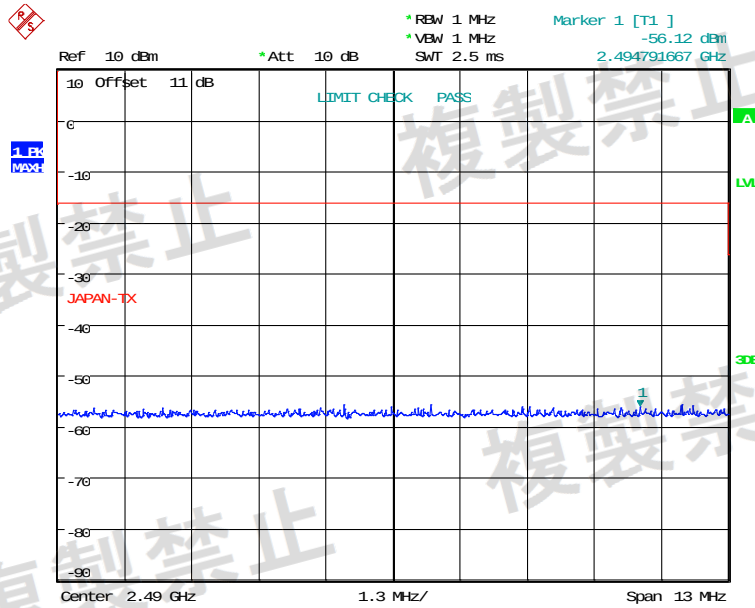
CONDUCTED SPURIOUS EMISSION BLE 2M CH0
Date: 2.APR.2024 17:21:46



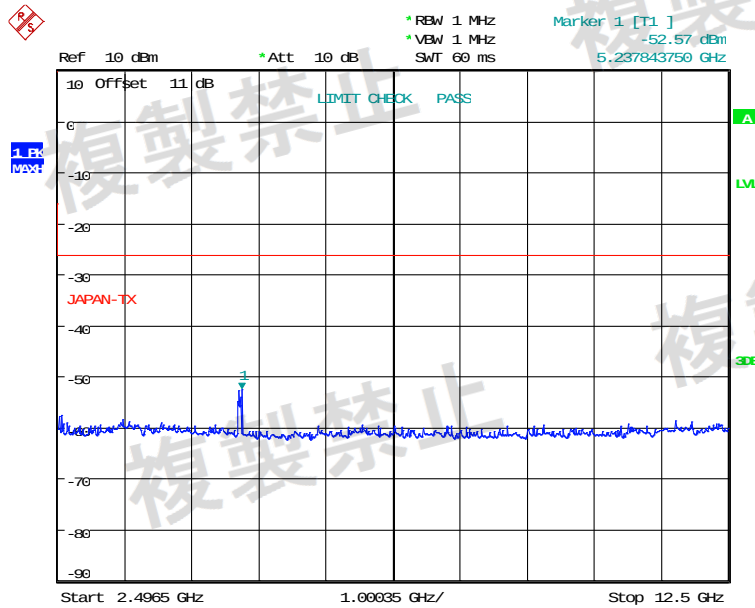
CONDUCTED SPURIOUS EMISSION BLE 2M CH0
Date: 2.APR.2024 17:31:37



Worldwide Testing Services(Taiwan) Co., Ltd.



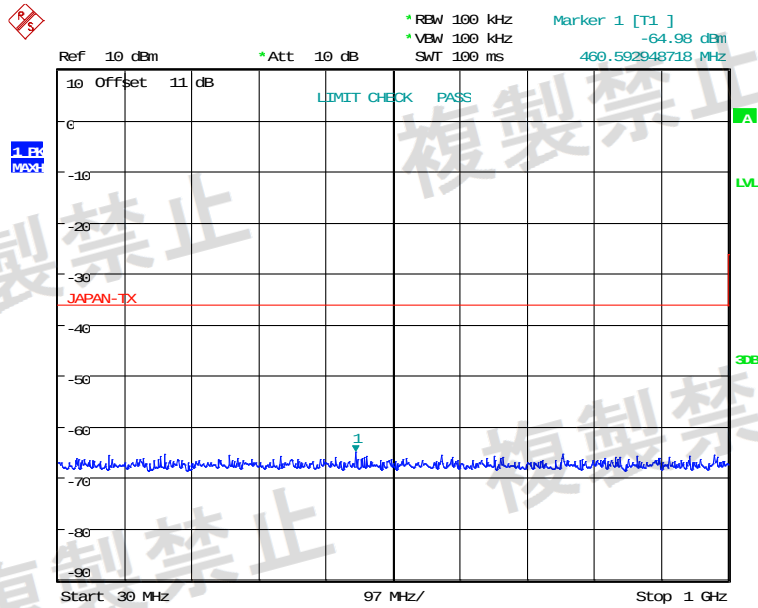
CONDUCTED SPURIOUS EMISSION BLE 2M CH0
Date: 2.APR.2024 21:23:18



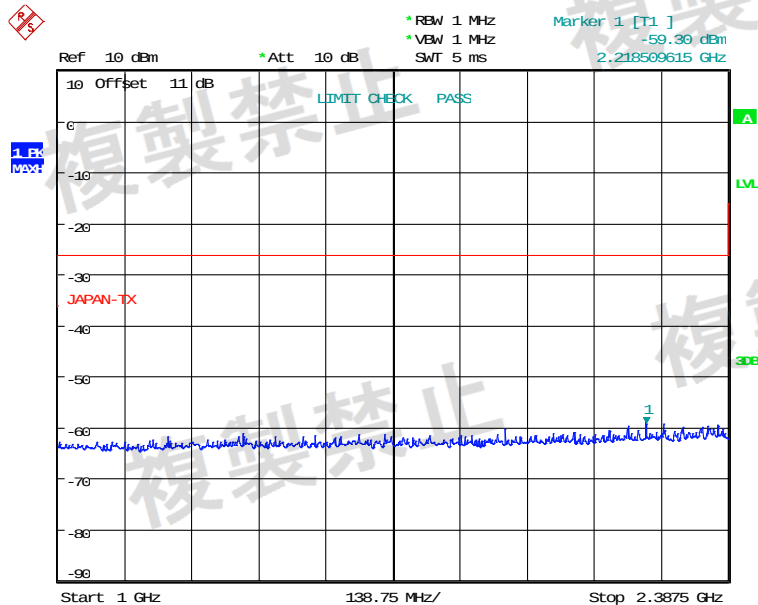
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Date: 2.APR.2024 17:53:20



Worldwide Testing Services(Taiwan) Co., Ltd.



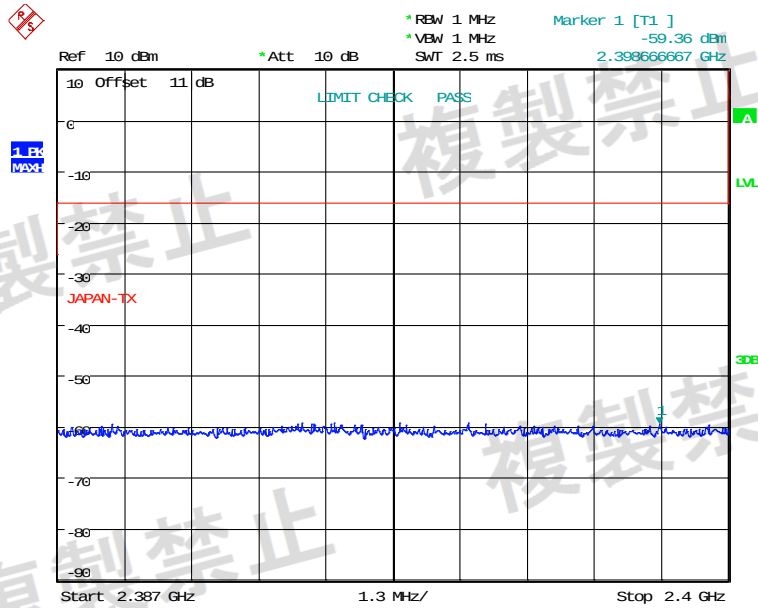
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Date: 2.APR.2024 16:56:47



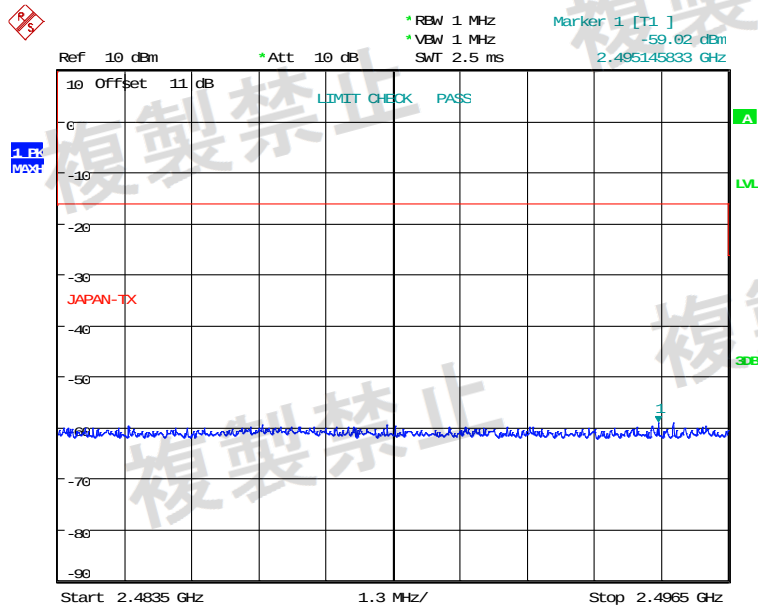
CONDUCTED SPURIOUS EMISSION BLE 2M CH19
Date: 2.APR.2024 17:22:31



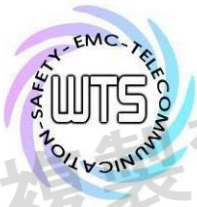
Worldwide Testing Services(Taiwan) Co., Ltd.



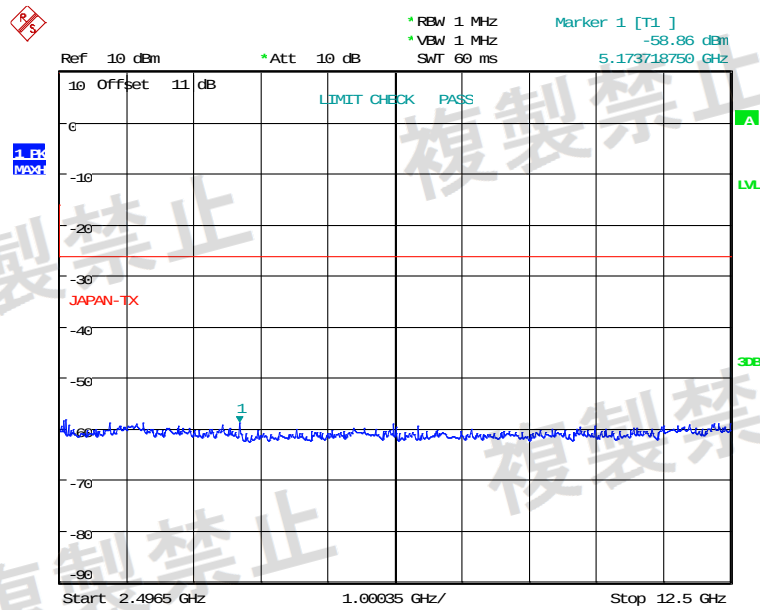
CONDUCTED SPURIOUS EMISSION BLE 2M CH19
Date: 2.APR.2024 17:30:05



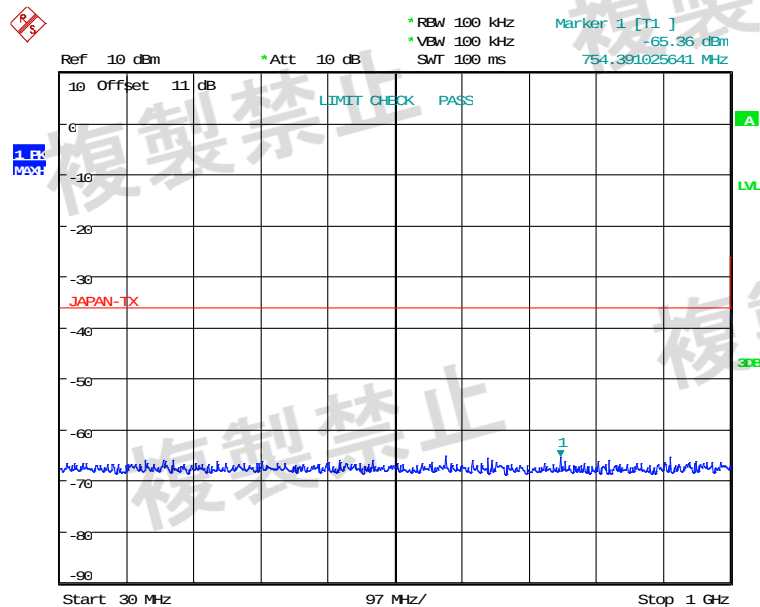
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Date: 2.APR.2024 17:40:36



Worldwide Testing Services(Taiwan) Co., Ltd.



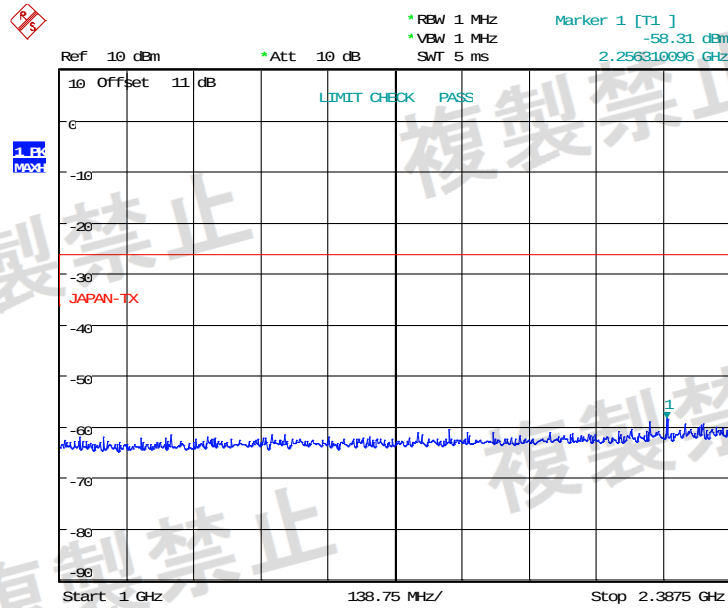
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Date: 2.APR.2024 17:47:45



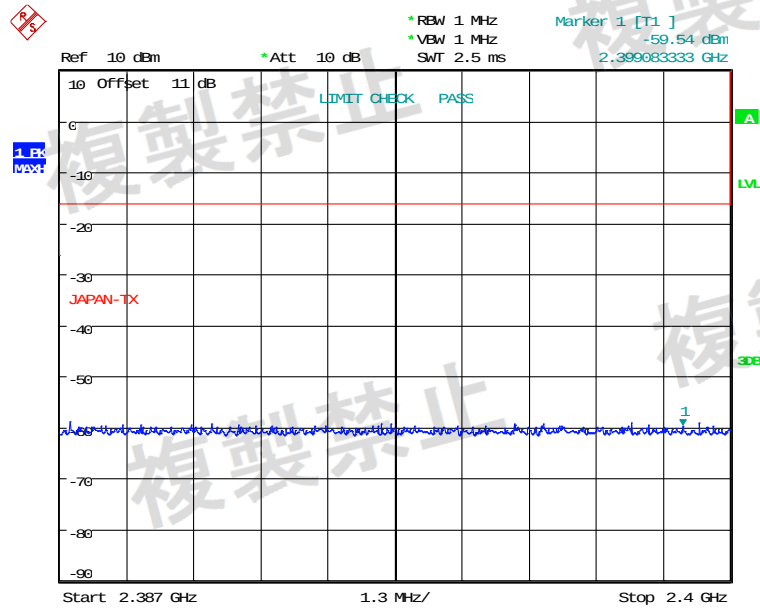
CONDUCTED SPURIOUS EMISSION BLE 2M CH39
Date: 2.APR.2024 16:56:18



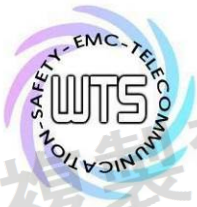
Worldwide Testing Services(Taiwan) Co., Ltd.



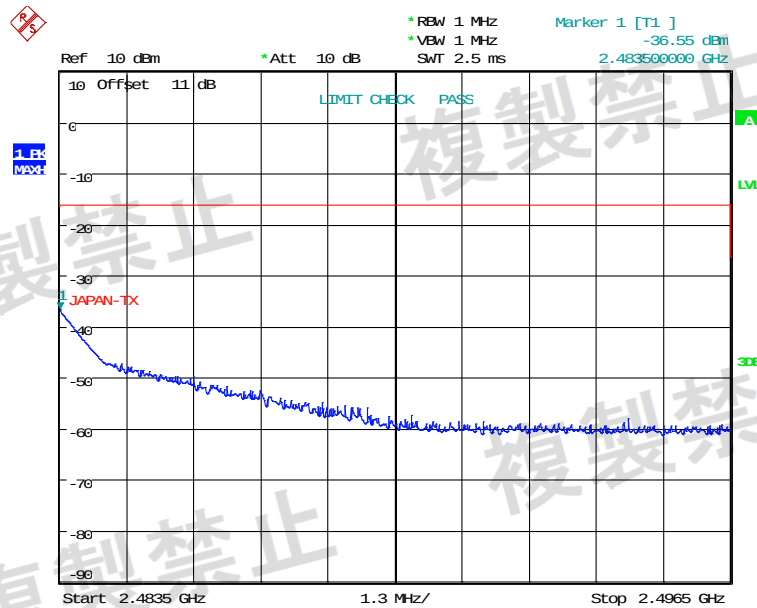
CONDUCTED SPURIOUS EMISSION BLE 2M CH39
Date: 2.APR.2024 17:23:09



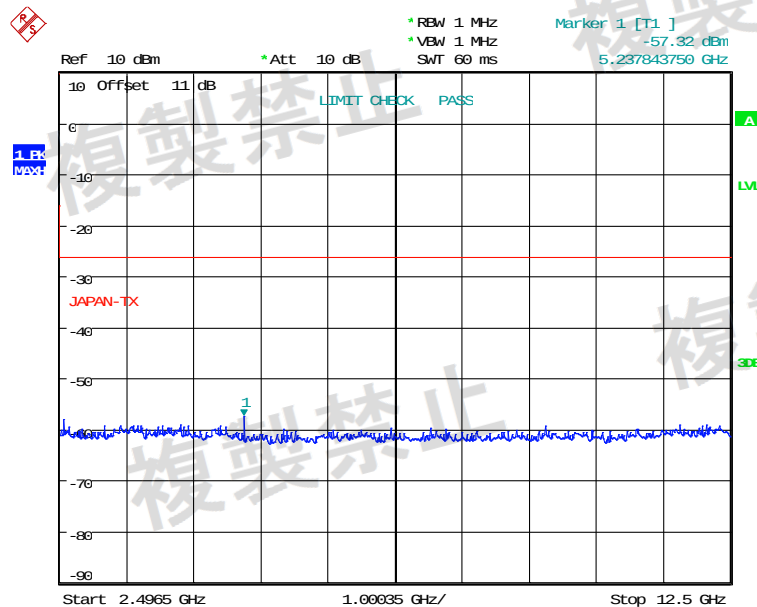
CONDUCTED SPURIOUS EMISSION BLE 2M CH39
Date: 2.APR.2024 17:33:57



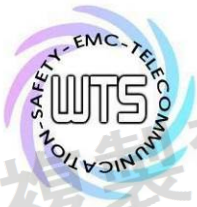
Worldwide Testing Services(Taiwan) Co., Ltd.



CONDUCTED SPURIOUS EMISSION BLE 2M CH39
Date: 2.APR.2024 17:35:05



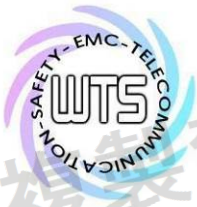
CONDUCTED SPURIOUS EMISSION BLE 2M CH39
Date: 2.APR.2024 17:51:26



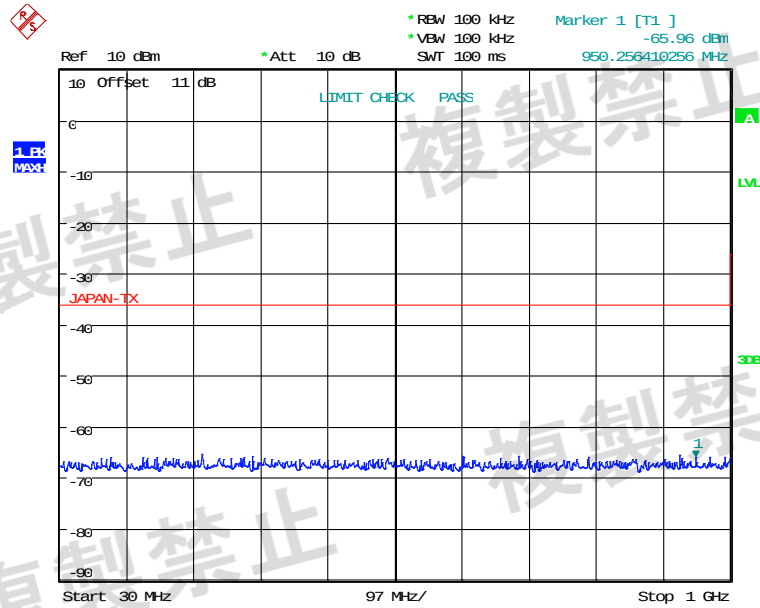
Worldwide Testing Services(Taiwan) Co., Ltd.

Mode F

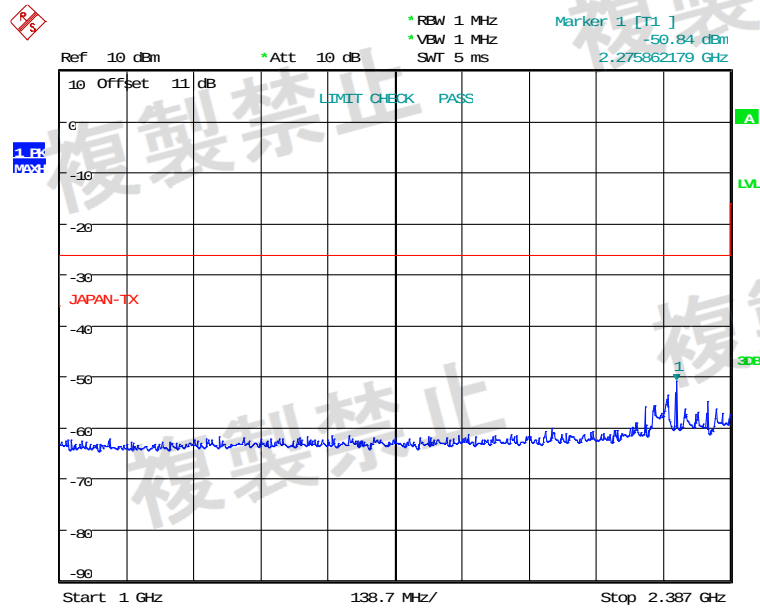
Spurious emission transmitter							
Frequency Range	Test Freq		Test Volt	measure Frequency(MHz)	measure value(dBm)	Limit(dBm)	Margin
30-1000MHz	ANT	2402 MHz	12Vd.c.	950.2564103	-65.96	-36.02	-29.94
1000-2387MHz				2275.862179	-50.84	-26.02	-24.82
2387-2400MHz				2400	-25.36	-16.02	-9.34
2483.5-2496.5MHz				2484.875	-54.93	-16.02	-38.91
2496.5-12750MHz				2528.5625	-50.93	-26.02	-24.91
30-1000MHz		2457 MHz		252.2916667	-65.53	-36.02	-29.51
1000-2387MHz				2331.43109	-50.9	-26.02	-24.88
2387-2400MHz				2392.979167	-54.58	-16.02	-38.56
2483.5-2496.5MHz				2488.729167	-56.6	-16.02	-40.58
2496.5-12750MHz				2576.65625	-51.19	-26.02	-25.17
30-1000MHz		2480 MHz		200.9935897	-65.87	-36.02	-29.85
1000-2387MHz				2353.658654	-51.14	-26.02	-25.12
2387-2400MHz				2397.0625	-55.82	-16.02	-39.8
2483.5-2496.5MHz				2483.520833	-36.83	-16.02	-20.81
2496.5-12750MHz				2608.71875	-51.49	-26.02	-25.47



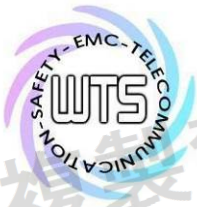
Worldwide Testing Services(Taiwan) Co., Ltd.



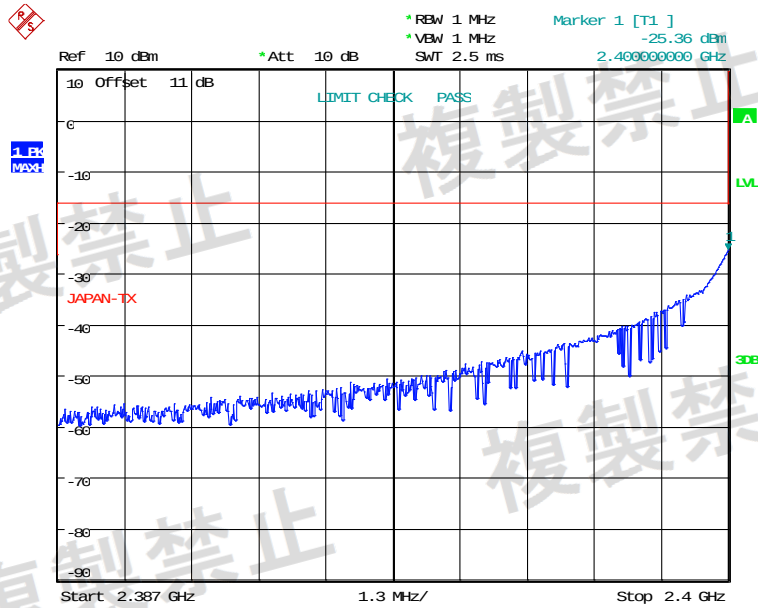
CONDUCTED SPURIOUS EMISSION ANT 2402MHz
Date: 22.JAN.2024 18:24:56



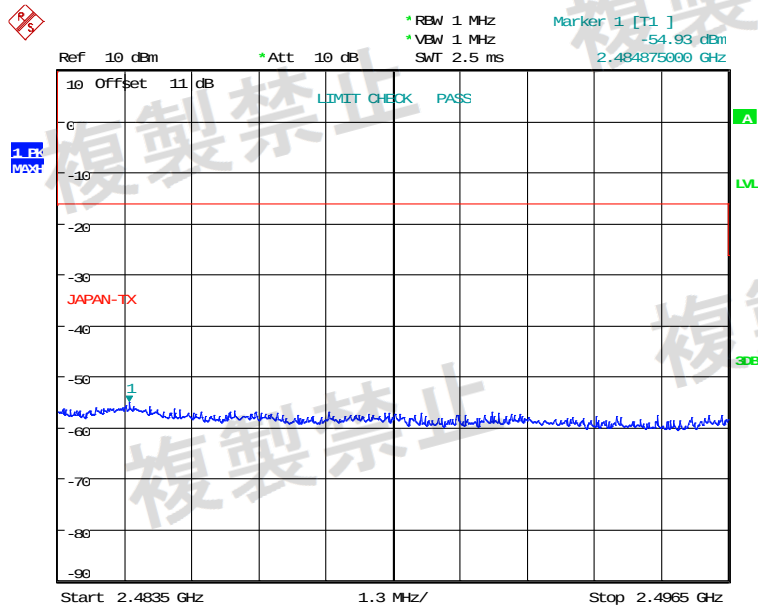
CONDUCTED SPURIOUS EMISSION ANT 2402MHz
Date: 29.JAN.2024 22:35:19



Worldwide Testing Services(Taiwan) Co., Ltd.



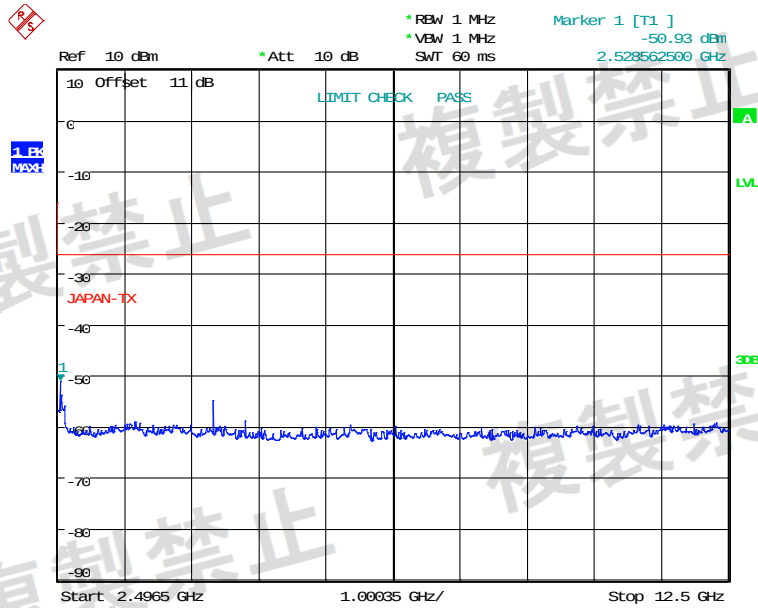
CONDUCTED SPURIOUS EMISSION ANT 2402MHz
Date: 29.JAN.2024 22:37:24



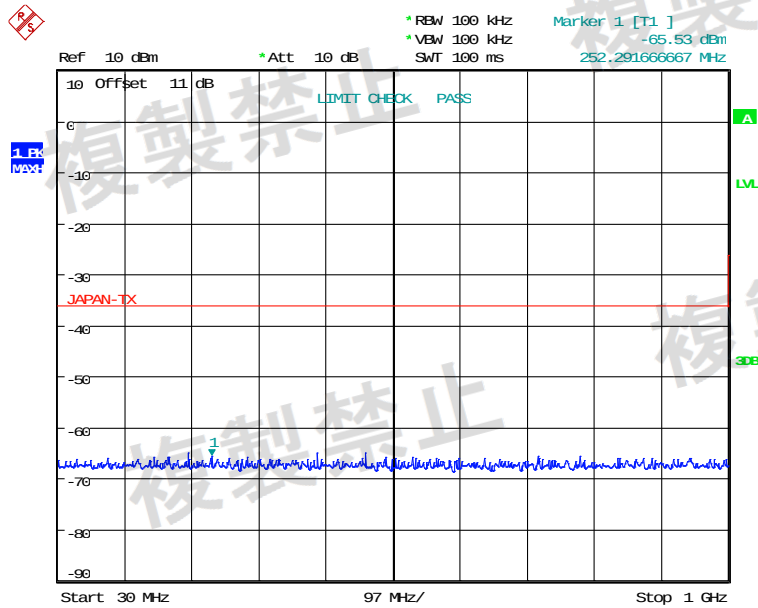
CONDUCTED SPURIOUS EMISSION ANT 2402MHz
Date: 29.JAN.2024 22:38:02



Worldwide Testing Services(Taiwan) Co., Ltd.



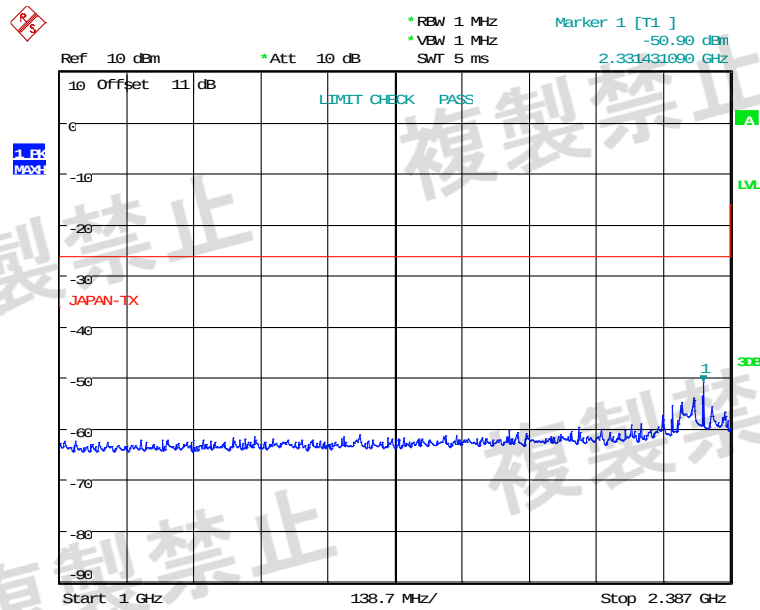
CONDUCTED SPURIOUS EMISSION ANT 2402MHz
Date: 29.JAN.2024 22:40:13



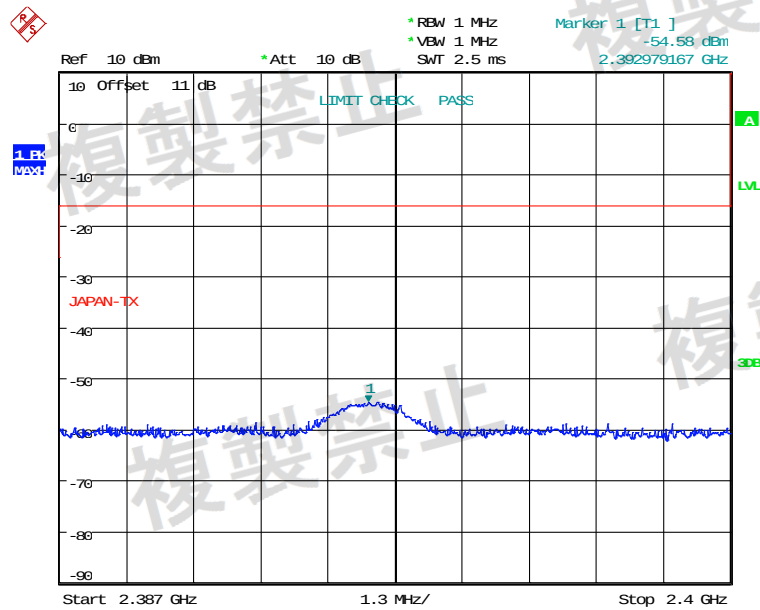
CONDUCTED SPURIOUS EMISSION ANT 2457MHz
Date: 22.JAN.2024 18:24:09



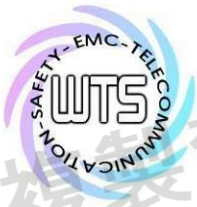
Worldwide Testing Services(Taiwan) Co., Ltd.



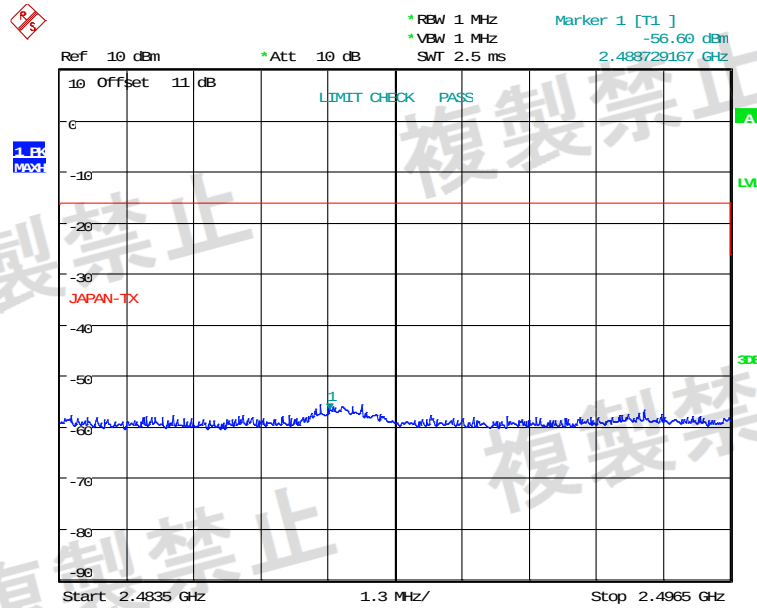
CONDUCTED SPURIOUS EMISSION ANT 2457MHz
Date: 29.JAN.2024 22:35:57



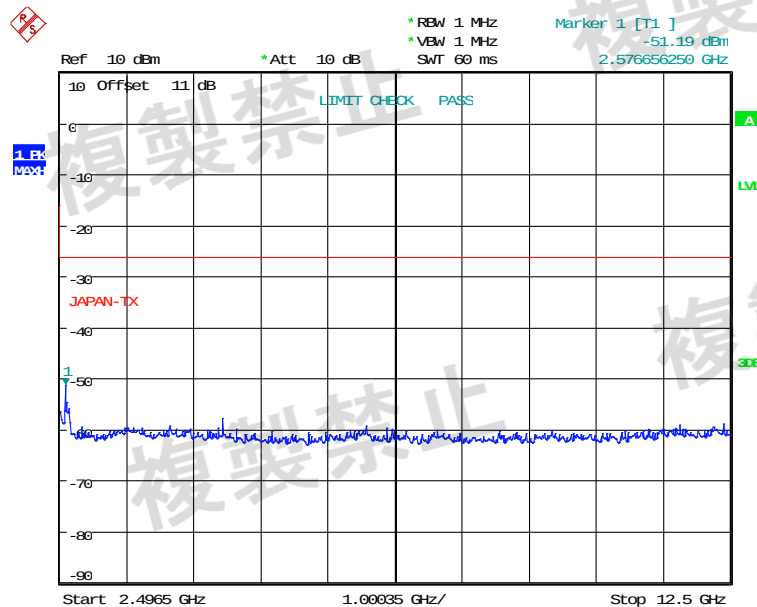
CONDUCTED SPURIOUS EMISSION ANT 2457MHz
Date: 29.JAN.2024 22:36:20



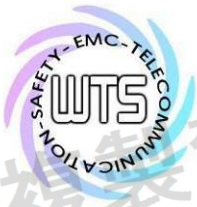
Worldwide Testing Services(Taiwan) Co., Ltd.



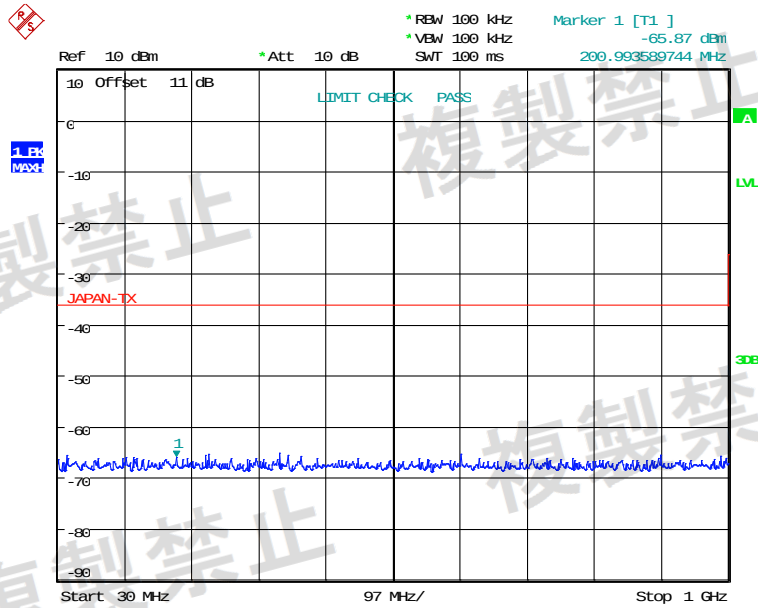
CONDUCTED SPURIOUS EMISSION ANT 2457MHz
Date: 29.JAN.2024 22:39:00



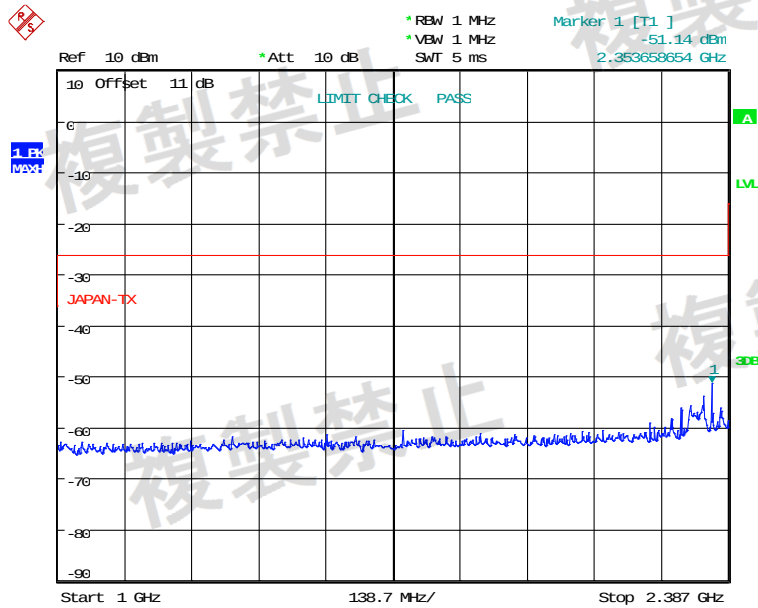
CONDUCTED SPURIOUS EMISSION ANT 2457MHz
Date: 29.JAN.2024 22:39:28



Worldwide Testing Services(Taiwan) Co., Ltd.



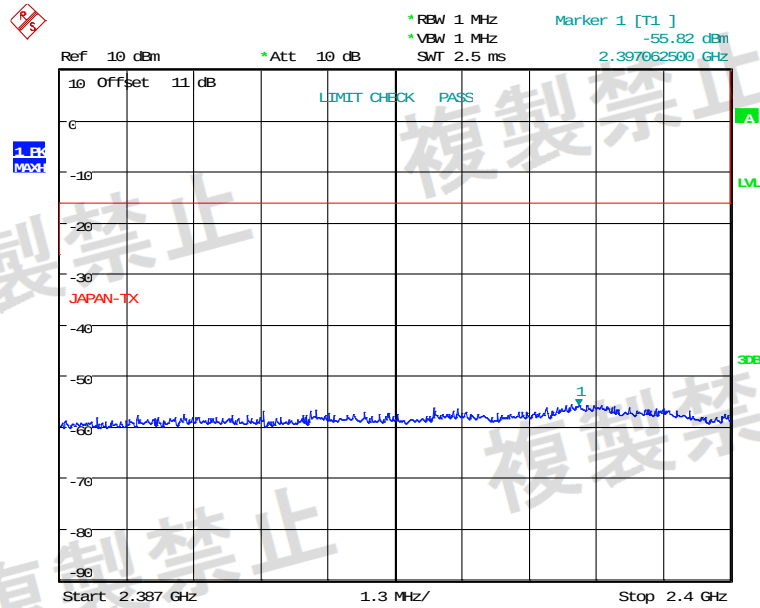
CONDUCTED SPURIOUS EMISSION ANT 2480MHz
Date: 22.JAN.2024 18:24:35



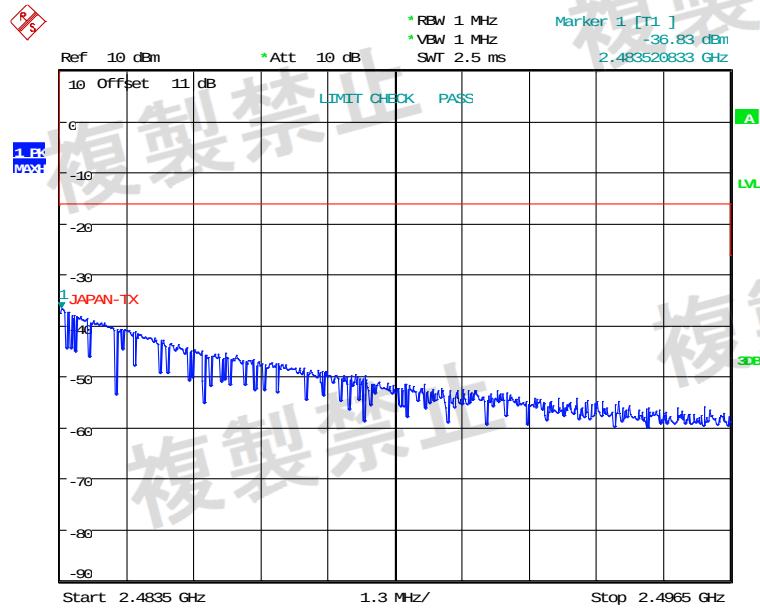
CONDUCTED SPURIOUS EMISSION ANT 2480MHz
Date: 29.JAN.2024 22:34:55



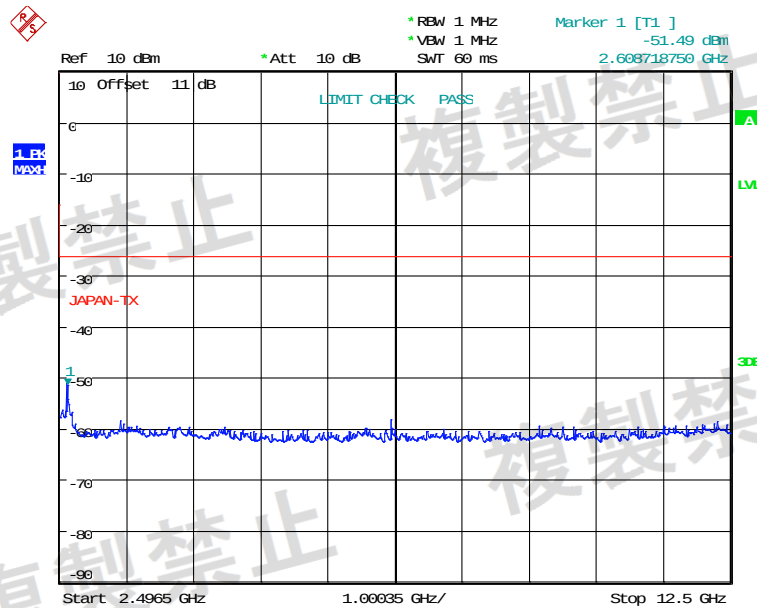
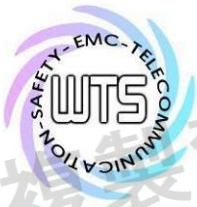
Worldwide Testing Services(Taiwan) Co., Ltd.



CONDUCTED SPURIOUS EMISSION ANT 2480MHz
Date: 29.JAN.2024 22:36:56



CONDUCTED SPURIOUS EMISSION ANT 2480MHz
Date: 29.JAN.2024 22:38:30



CONDUCTED SPURIOUS EMISSION ANT 2480MHz
Date: 29.JAN.2024 22:39:53

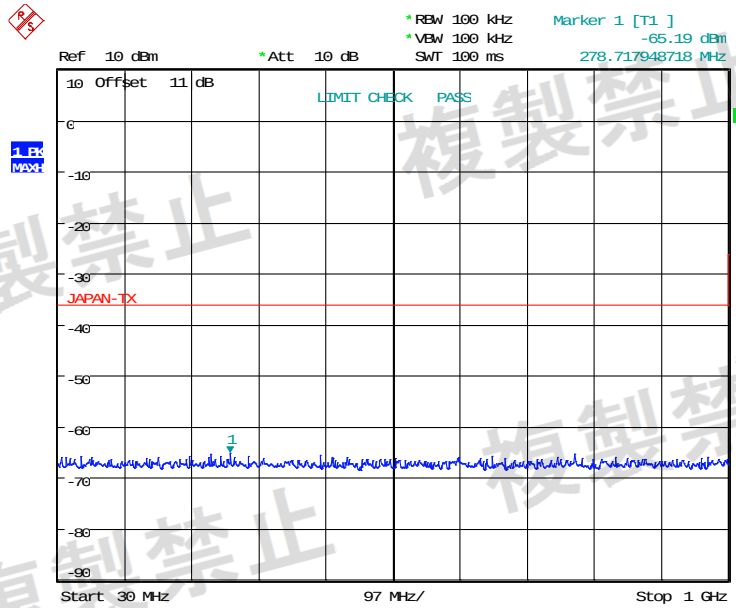
Multi-listing Model No.: C04277

Mode A

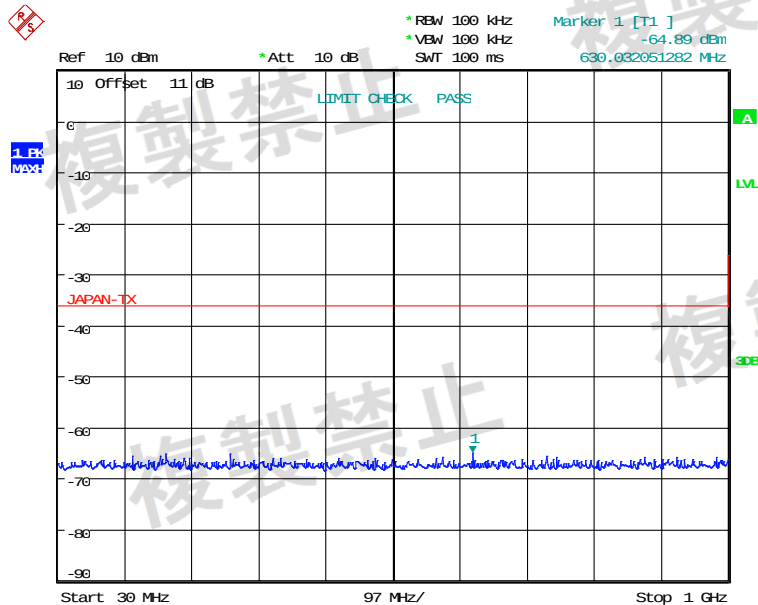
Spurious emission transmitter							
Frequency Range	Test Freq		Test Volt	measure Frequency(MHz)	measure value(dBm)	Limit(dBm)	Margin
30-1000MHz	802.11b	2412 MHz	12Vd.c.	278.7179487	-65.19	-36.02	-29.17
30-1000MHz		2437 MHz		630.0320513	-64.89	-36.02	-28.87
30-1000MHz		2462 MHz		819.6794872	-64.27	-36.02	-28.25



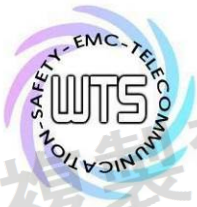
Worldwide Testing Services(Taiwan) Co., Ltd.



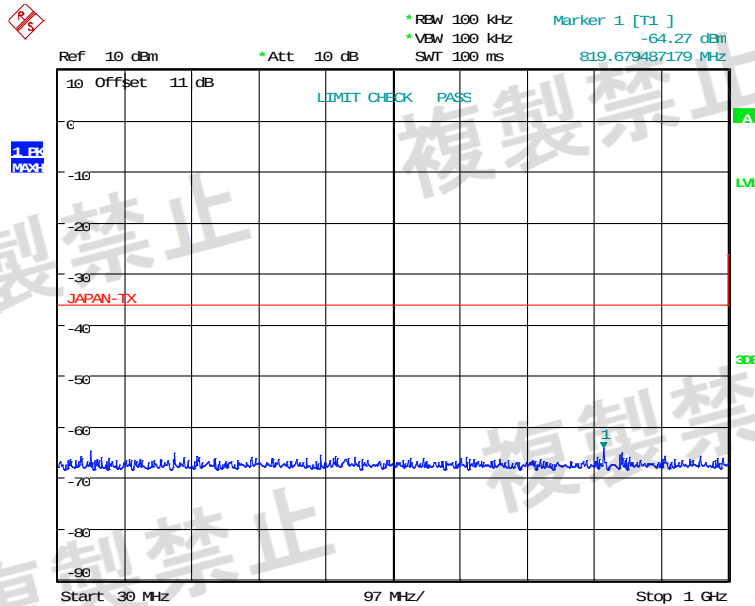
CONDUCTED SPURIOUS EMISSION 802.11B CH1
Date: 25.JAN.2024 15:32:33



CONDUCTED SPURIOUS EMISSION 802.11B CH6
Date: 25.JAN.2024 15:33:11



Worldwide Testing Services(Taiwan) Co., Ltd.



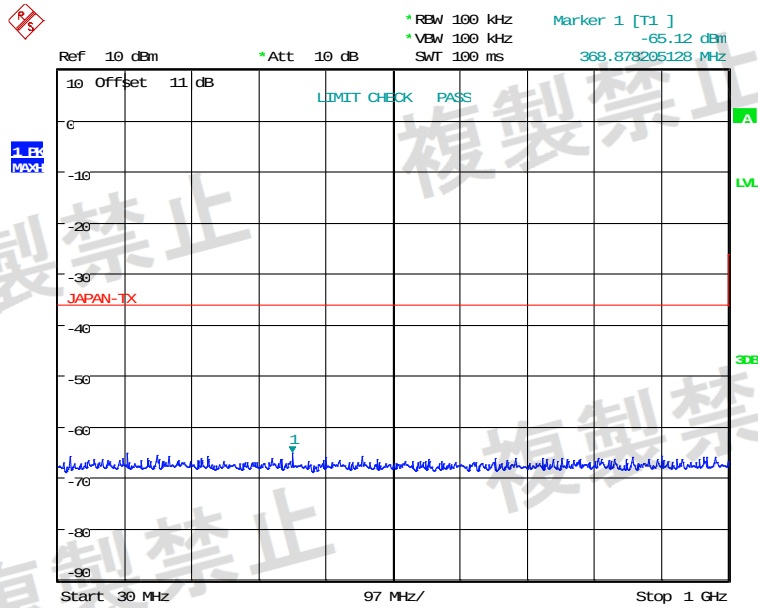
CONDUCTED SPURIOUS EMISSION 802.11b CH11
Date: 25.JAN.2024 15:33:36

Mode B

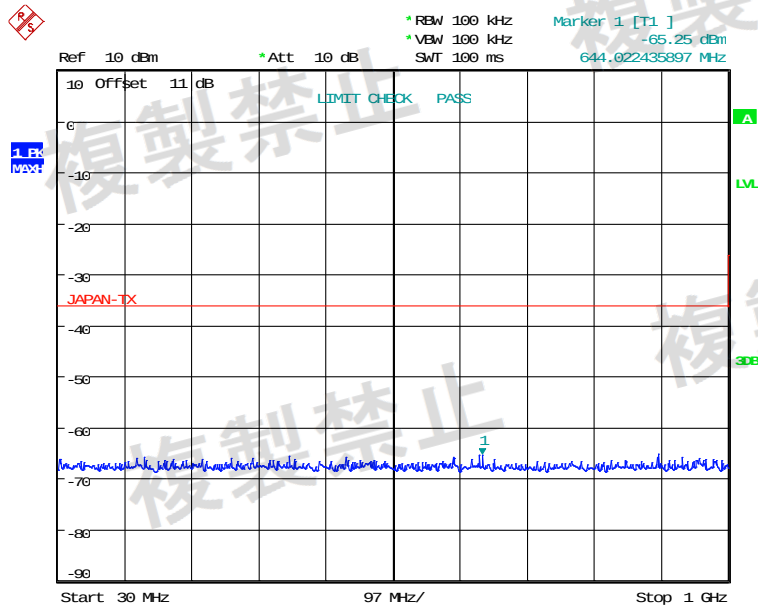
Spurious emission transmitter						
Frequency Range	Test Freq		Test Volt	measure Frequency(MHz)	measure value(dBm)	Limit(dBm) Margin
30-1000MHz	802.11g	2412 MHz	12Vd.c.	368.8782051	-65.12	-36.02 -29.1
30-1000MHz		2437 MHz		644.0224359	-65.25	-36.02 -29.23
30-1000MHz		2462 MHz		92.17948718	-65.04	-36.02 -29.02



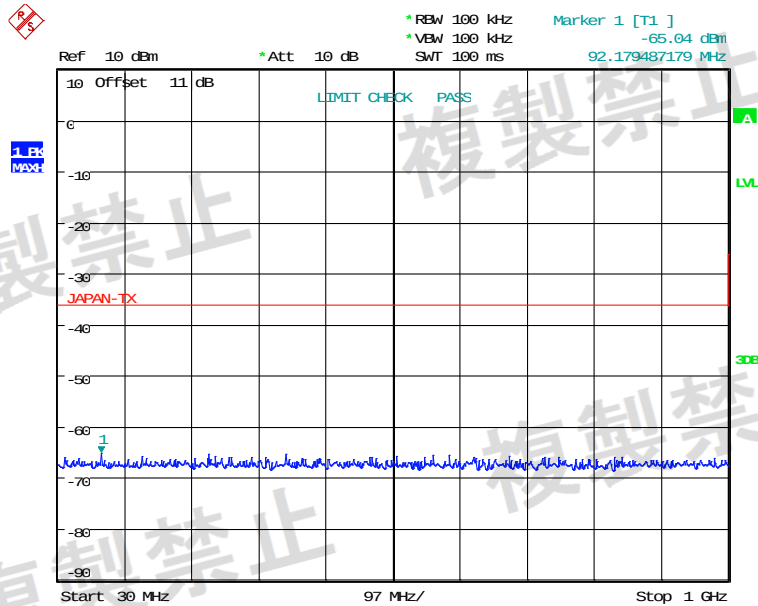
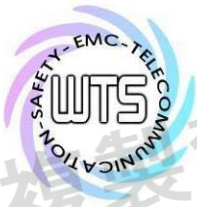
Worldwide Testing Services(Taiwan) Co., Ltd.



CONDUCTED SPURIOUS EMISSION 802.11G CH1
Date: 25.JAN.2024 15:34:57



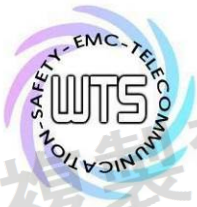
CONDUCTED SPURIOUS EMISSION 802.11G CH6
Date: 25.JAN.2024 15:34:31



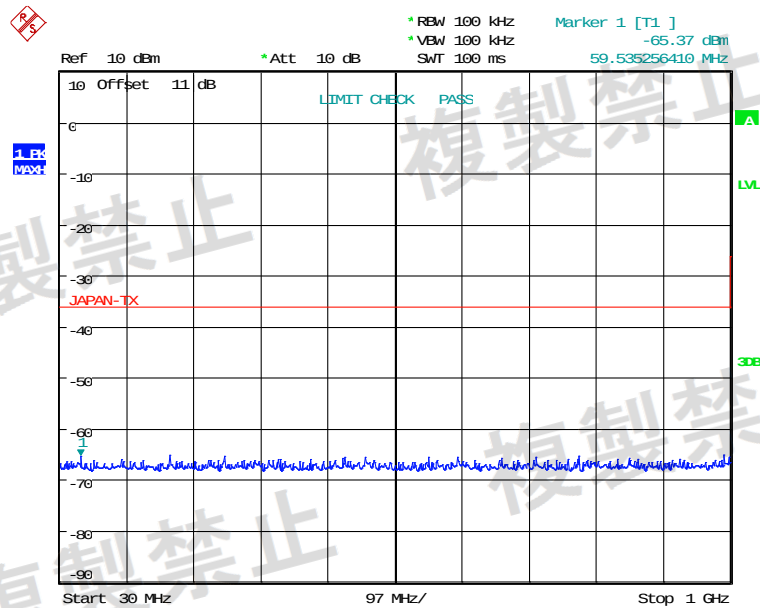
CONDUCTED SPURIOUS EMISSION 802.116 CH11
Date: 25.JAN.2024 15:34:07

Mode C

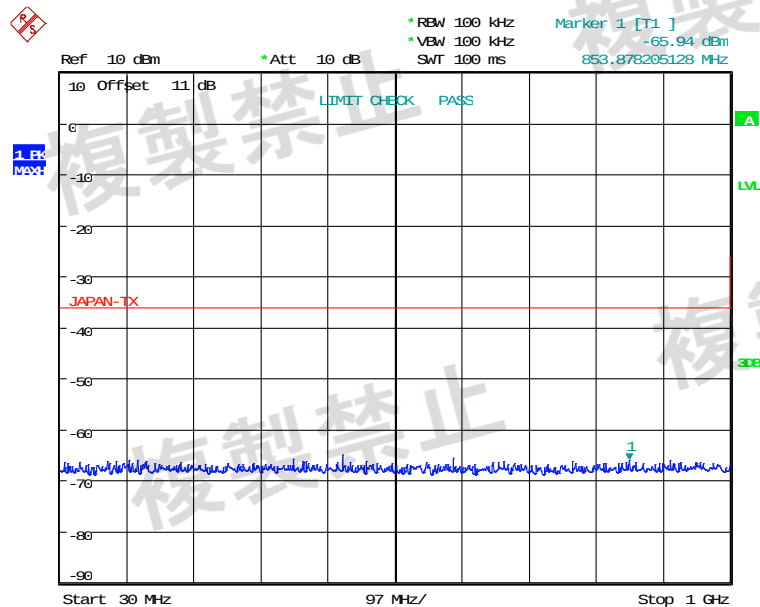
Spurious emission transmitter						
Frequency Range	Test Freq		Test Volt	measure Frequency(MHz)	measure value(dBm)	Limit(dBm) Margin
30-1000MHz	802.11n20	2412 MHz	12Vd.c.	59.53525641	-65.37	-36.02 -29.35
30-1000MHz		2437 MHz		853.8782051	-65.94	-36.02 -29.92
30-1000MHz		2462 MHz		443.4935897	-65.78	-36.02 -29.76



Worldwide Testing Services(Taiwan) Co., Ltd.



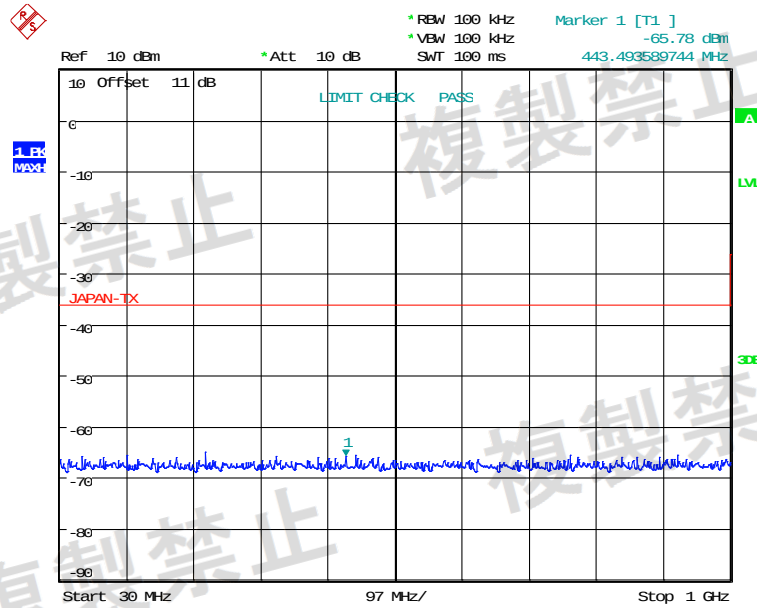
CONDUCTED SPURIOUS EMISSION 802.11N 20M CH1
Date: 25.JAN.2024 15:35:34



CONDUCTED SPURIOUS EMISSION 802.11N 20M CH6
Date: 25.JAN.2024 15:35:56



Worldwide Testing Services(Taiwan) Co., Ltd.



CONDUCTED SPURIOUS EMISSION 802.11N 20M CH11
Date: 25.JAN.2024 15:36:15

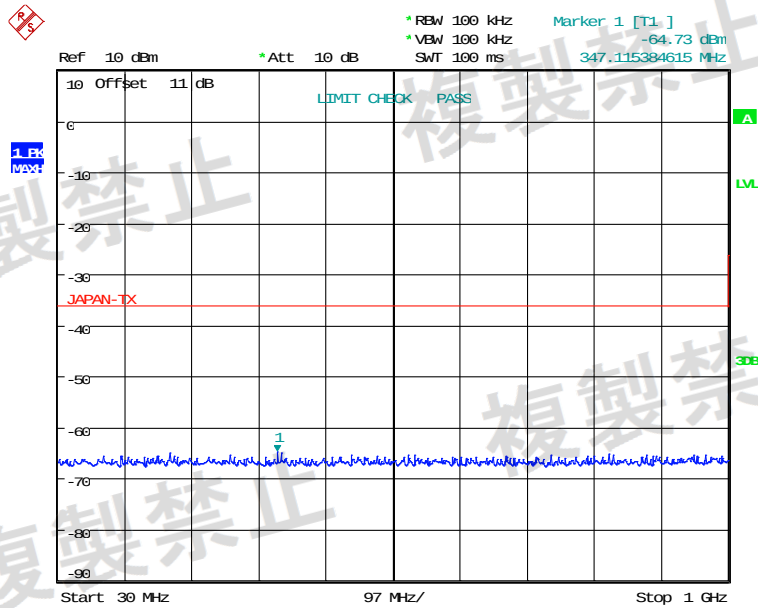
Mode D

Spurious emission transmitter							
Frequency Range	Test Freq		Test Volt	measure Frequency(MHz)	measure value(dBm)	Limit(dBm)	Margin
30-1000MHz	NORMAIL	HOPPING MODE	12Vd.c.	347.1153846	-64.73	-36.02	-28.71
30-1000MHz	EDR 2M			855.4326923	-64.51	-36.02	-28.49
30-1000MHz	EDR 3M			911.3942308	-65.47	-36.02	-29.45



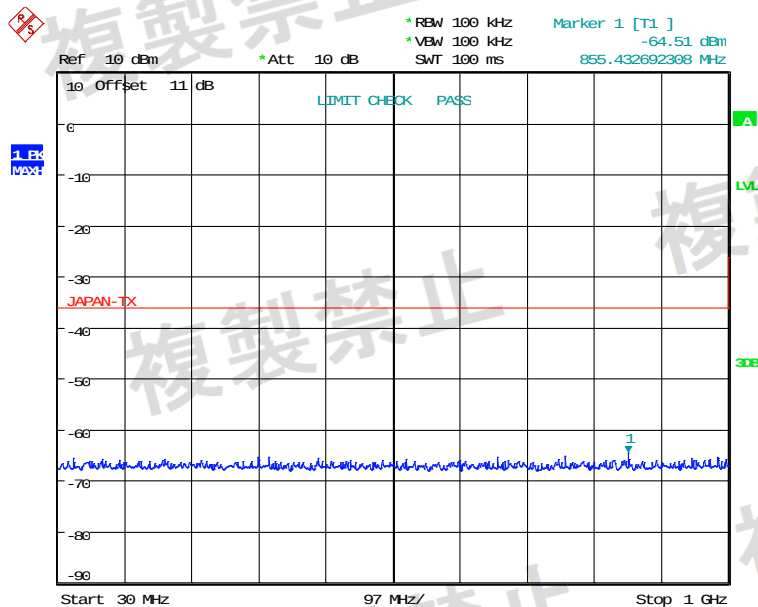
Worldwide Testing Services(Taiwan) Co., Ltd.

GFSK

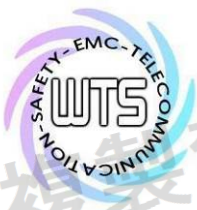


CONDUCTED SPURIOUS EMISSION NORMAIL MODE
Date: 9.APR.2024 21:21:41

$\pi / 4$ DQPSK

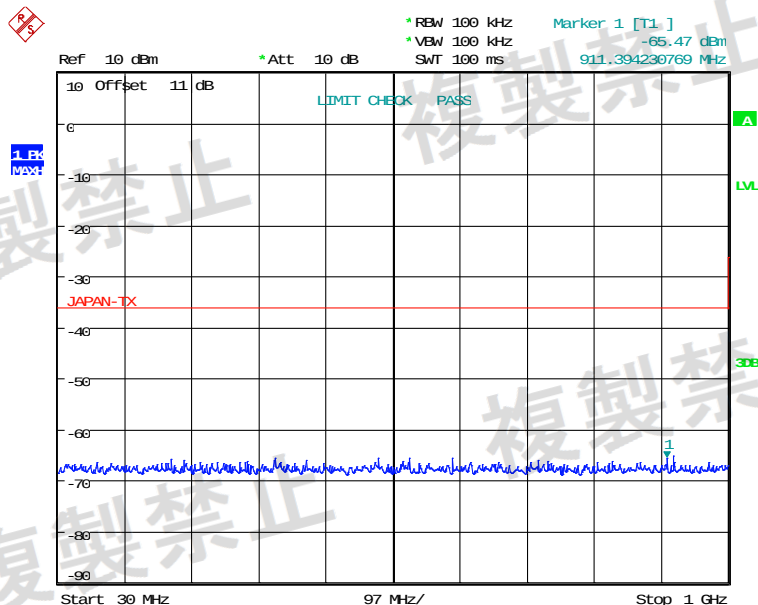


CONDUCTED SPURIOUS EMISSION EDR MODE 2M
Date: 9.APR.2024 21:22:39



Worldwide Testing Services(Taiwan) Co., Ltd.

8DPSK



CONDUCTED SPURIOUS EMISSION EDR MODE 3M
Date: 9.APR.2024 21:22:57

Mode E

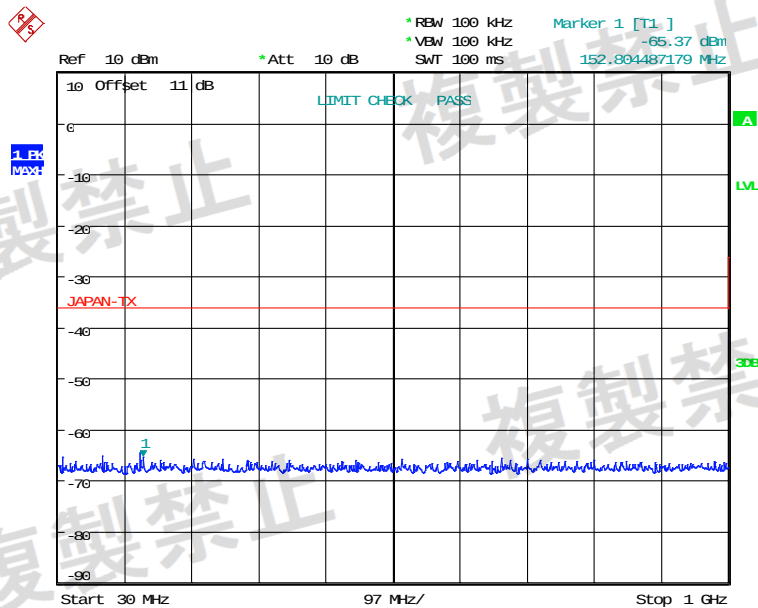
Spurious emission transmitter							
Frequency Range	Test Freq		Test Volt	measure Frequency(MHz)	measure value(dBm)	Limit(dBm)	Margin
30-1000MHz	BLE 1M	2402 MHz	12Vd.c.	152.8044872	-65.37	-36.02	-29.35
30-1000MHz		2440 MHz		155.9134615	-65.67	-36.02	-29.65
30-1000MHz		2480 MHz		937.8205128	-65	-36.02	-28.98

Spurious emission transmitter							
Frequency Range	Test Freq		Test Volt	measure Frequency(MHz)	measure value(dBm)	Limit(dBm)	Margin
30-1000MHz	BLE 2M	2402 MHz	12Vd.c.	51.76282051	-65.51	-36.02	-29.49
30-1000MHz		2440 MHz		939.375	-65.59	-36.02	-29.57
30-1000MHz		2480 MHz		799.4711538	-65.2	-36.02	-29.18

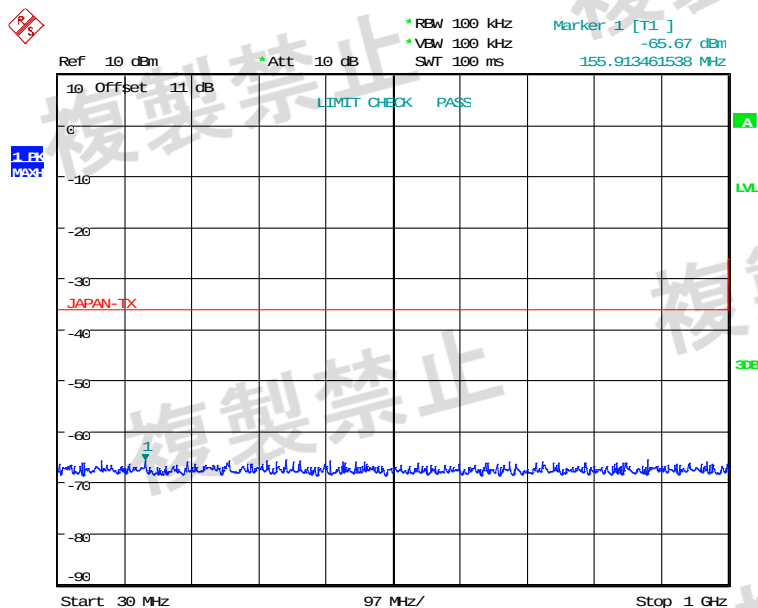


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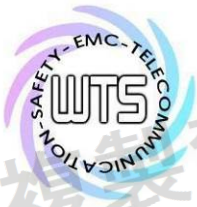
1M



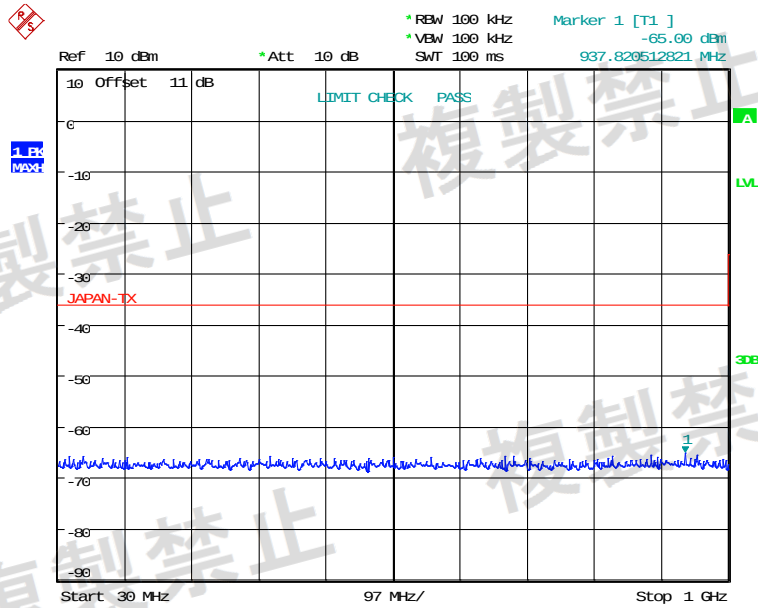
CONDUCTED SPURIOUS EMISSION BLE CH0
Date: 25. JAN. 2024 15:26:56



CONDUCTED SPURIOUS EMISSION BLE CH19
Date: 25. JAN. 2024 15:26:34

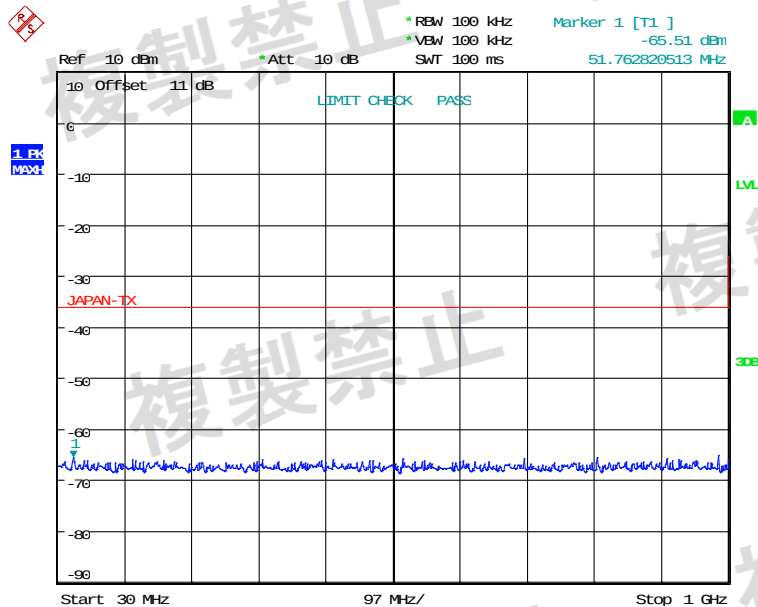


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CONDUCTED SPURIOUS EMISSION BLE CH39
Date: 25.JAN.2024 15:26:11

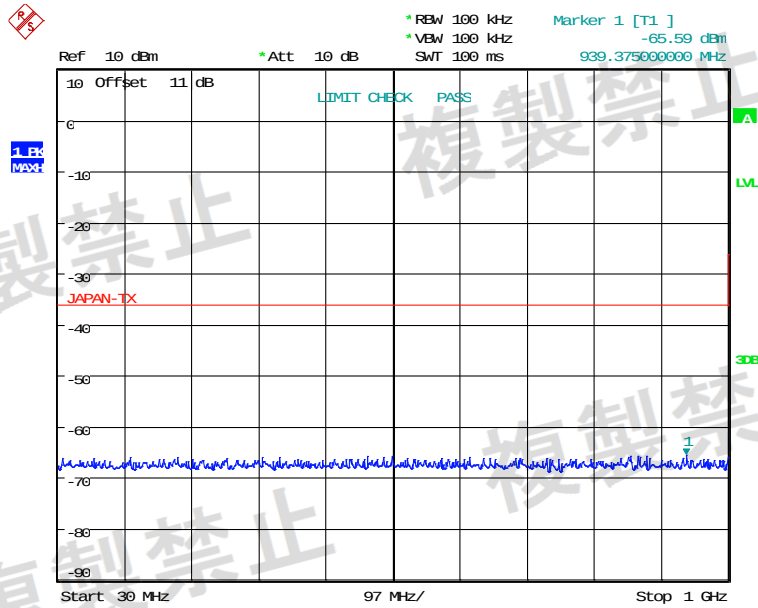
2M



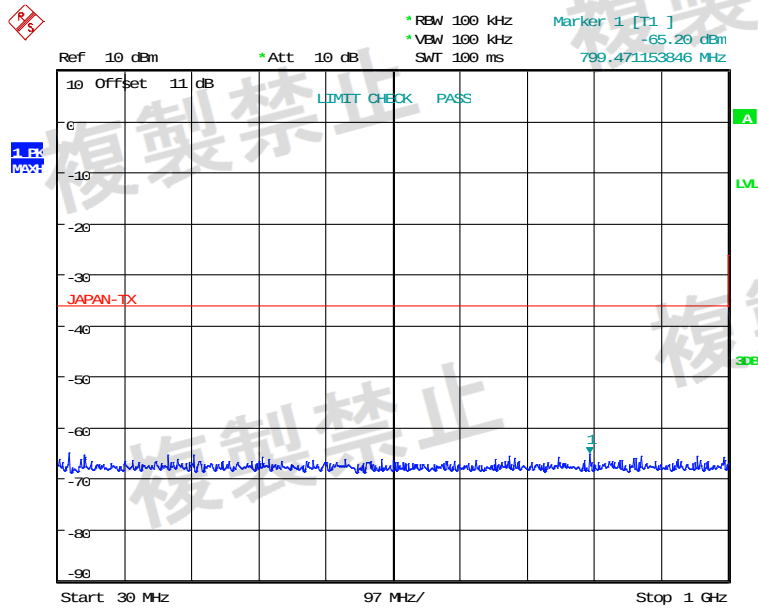
CONDUCTED SPURIOUS EMISSION BLE 2M CH0
Date: 25.JAN.2024 15:25:00



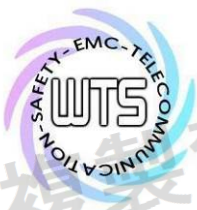
Worldwide Testing Services(Taiwan) Co., Ltd.



CONDUCTED SPURIOUS EMISSION BLE 2M CH19
Date: 25.JAN.2024 15:25:24



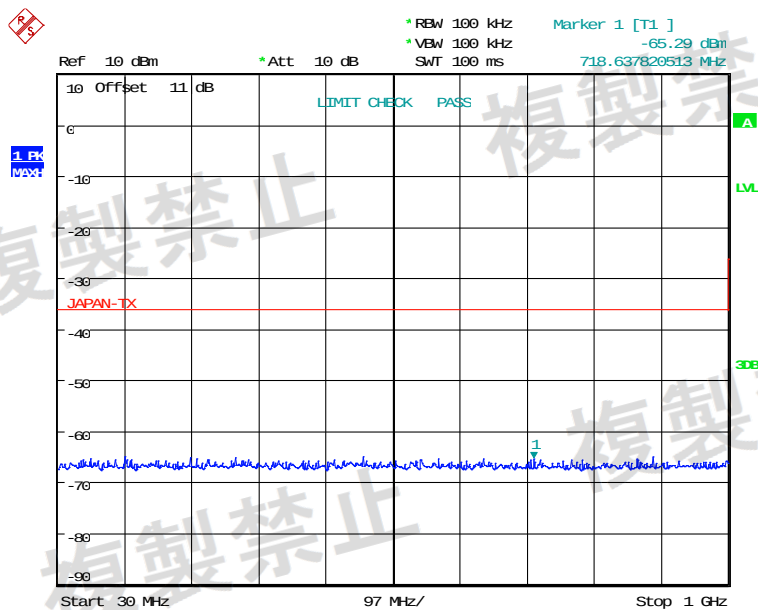
CONDUCTED SPURIOUS EMISSION BLE 2M CH39
Date: 25.JAN.2024 15:25:45



Worldwide Testing Services(Taiwan) Co., Ltd.

Mode F

Spurious emission transmitter							
Frequency Range	Test Freq		Test Volt	measure Frequency(MHz)	measure value(dBm)	Limit(dBm)	Margin
30-1000MHz	ANT	2402 MHz	12Vd.c.	718.6378205	-65.29	-36.02	-29.27
30-1000MHz		2457 MHz		197.8846154	-66.02	-36.02	-30
30-1000MHz		2480 MHz		330.0160256	-65.87	-36.02	-29.85



CONDUCTED SPURIOUS EMISSION ANT 2402MHz
Date: 25.JAN.2024 15:07:02