

TEST REPORT

CERTIFICATE OF CONFORMITY

Standard: Certification Ordinance Article 2-1-19
Report No.: RJBEBU-WTW-P23080597
Product: Gaming Mouse
Brand: ALIENWARE, DELL
Model No.: PRO-MS
Received Date: 2023/8/24
Test Date: 2023/8/31 ~ 2023/9/7
Issued Date: 2023/9/12
Applicant: Chicony Electronics Co., Ltd.
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Issued By: Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch
Lin Kou Laboratories
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Approved by:

Jeremy Lin

Date:

2023/9/12

Jeremy Lin / Project Engineer

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Prepared by : Jessica Cheng / Senior Specialist



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Release Control Record

Issue No.	Description	Date Issued
RJBEBU-WTW-P23080597	Original release.	2023/9/12

1 Certificate

Product: Gaming Mouse

Brand: ALIENWARE, DELL

Test Model: PRO-MS

Sample Status: Engineering sample

Applicant: Chicony Electronics Co., Ltd.

Test Date: 2023/8/31 ~ 2023/9/7

Standard: Certification Ordinance Article 2-1-19

Measurement procedure: MIC notice 88 Appendix 43

The above equipment has been tested by **Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch**, and found compliance with the requirement of the above standards. The test record, data evaluation & Equipment Under Test (EUT) configurations represented herein are true and accurate accounts of the measurements of the sample's RF characteristics under the conditions specified in this report.

2 Summary of Test Results

Certification Ordinance Article 2-1-19		
Clause	Test Item	Result
OR: Article 5 OR: Annex 1 table 7-8	Frequency Tolerance	Pass
OR: Article 6 Annex 2.30	Occupied Bandwidth	Pass
OR: Article 7. Annex 3.26	Spurious Emissions	Pass
OR: Article 49-20	Antenna Specifications	Pass
OR: Article 24.2	Spurious Emissions of Receiver	Pass
OR: Article 49-20	Housing Requirements	Pass (Refer to Note 3)
OR: Article 49-20	Communication Method	Pass (Refer to Note 3)
OR: Article 49-20	Modulation Method	Pass (Refer to Note 3)
OR: Article 49-20	Antenna Power	Pass
OR: Article 49-20	Absolute Gain of Transmitting Antenna	Pass
OR: Article 49-20	Angular Width of Principal Radiation (AWPR)	N/A
OR: Article 49-20	Number of Carriers within 1 MHz Bandwidth in OFDM	N/A
OR: Article 49-20	Spreading Bandwidth	N/A
OR: Article 49-20	Dwell Time (FH employed)	N/A
OR: Article 9-4.8	Interference Prevention Function	Pass
OR: Article 49-20	Carrier Sense Capability	N/A

Notes:

1. OR: Ordinance Regulating Radio Equipment
2. Determining compliance based on the results of the compliance measurement, not taking into account measurement instrumentation uncertainty.
3. The relative information refer section 3.1 of this report.

2.1 Measurement Uncertainty

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in ETSI TR 100 028-1 and ETSI TR 100 028-2:

Parameter	Uncertainty (±)
Occupied Bandwidth	960 Hz
Spurious Emissions	2.7 dB
Output Power Density	1.2 dB
Out of Band Radiated Power	3.2 dB
Frequency Tolerance	97.75 Hz

The other instruments specified are routine verified to remain within the calibrated levels, no measurement uncertainty is required to be calculated.

2.2 Supplementary Information

There is not any deviation from the test standards for the test method, and no modifications required for compliance.

3 General Information

3.1 General Description

Product	Gaming Mouse
Brand	ALIENWARE, DELL
Test Model	PRO-MS
Test Software Version	N/A
Status of EUT	Engineering sample
Power Supply Rating	3.7Vdc from battery or 5Vdc from USB port
Modulation Type	GFSK
Modulation Technology	DTS
Operating Frequency	2.403 GHz ~ 2.48 GHz
Number of Channel	78
Assembly	The EUT used a kind of particular screw, which could not operated by a tool bought in the market. Only means of brute force will be able to open.

Note:

1. The EUT uses following accessory.

USB Cable		
Brand	Model	Specification
Chicony	095-02308L-B01	Signal Line : Shielded without core, 2.0m

2. The above EUT information is declared by manufacturer and for more detailed features description, please refer to the manufacturer's specifications or User's Manual.

3.2 Output Power Description of EUT

Operation Mode	Rated Output Power (mW)	Conducted RF Output Power (mW)	Radiated RF Output Power (mW)
GFSK	2	1.384	1.742

3.3 Antenna Description of EUT

1. The antenna information is listed as below.

Gain (dBi)	Antenna Type	Connector Type
1	Chip	None

* Detail antenna specification please refer to antenna datasheet and/or antenna measurement report.

2. Antenna Pattern:

Please refer to the attached file (Antenna pattern).

3.4 Channel List

78 channels are provided for this EUT:

Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
0	2403	20	2423	40	2443	60	2463
1	2404	21	2424	41	2444	61	2464
2	2405	22	2425	42	2445	62	2465
3	2406	23	2426	43	2446	63	2466
4	2407	24	2427	44	2447	64	2467
5	2408	25	2428	45	2448	65	2468
6	2409	26	2429	46	2449	66	2469
7	2410	27	2430	47	2450	67	2470
8	2411	28	2431	48	2451	68	2471
9	2412	29	2432	49	2452	69	2472
10	2413	30	2433	50	2453	70	2473
11	2414	31	2434	51	2454	71	2474
12	2415	32	2435	52	2455	72	2475
13	2416	33	2436	53	2456	73	2476
14	2417	34	2437	54	2457	74	2477
15	2418	35	2438	55	2458	75	2478
16	2419	36	2439	56	2459	76	2479
17	2420	37	2440	57	2460	77	2480
18	2421	38	2441	58	2461		
19	2422	39	2442	59	2462		

3.5 Power Setting

Power Setting	
Channel	GFSK
0	0
42	0
77	0

3.6 Test Mode Applicability and Tested Channel Detail

Test Conditions	Voltage (Vdc)
V_{normal}	3.7
$V_{max. (+10\%)}$	4.07
$V_{min. (-10\%)}$	3.33

Following channel(s) was (were) selected for the final test as listed below:

Test Item	Tested Channel	Modulation	Data Rate Parameter
Frequency Tolerance	0, 42, 77	unmodulated	-
Occupied Bandwidth	0, 42, 77	GFSK	2Mb/s
Spurious Emissions	0, 42, 77	GFSK	2Mb/s
Spurious Emissions of Receiver	0, 42, 77	-	-
Antenna Power	0, 42, 77	GFSK	2Mb/s
Interference Prevention Function	Normal Operation		

4 Test Instruments

The calibration interval of the all test instruments are 12 months and the calibrations are traceable to NML/ROC and NIST/USA.

4.1 Frequency Tolerance

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until	Calibration Authority	Calibration Method
Programmable DC Power Supply IDRC	DSP80-180WE	701217	2023/3/2	2024/3/1	OCL	(c)
PXA Signal Analyzer Keysight	N9030A	MY54490260	2023/7/13	2024/7/12	ETC	(c)
Signal Analyzer R&S	FSV40	101042	2022/9/5	2023/9/4	ETC	(c)
		101544	2023/5/9	2024/5/8	ETC	(c)

Notes:

- Calibration method:
 - Calibration conducted by the National Institute of Information and Communications Technology (NICT) or a designated calibration agency under Article 102-18 paragraph (1).
 - Calibration conducted pursuant to the provisions of Article 135 or Article 144 of the Measurement Law (Law No. 51 of 1992) Japan Calibration Service System.
 - 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 other equipment that listed above from a) to c).
- Tested Date: 2023/8/31

4.2 Occupied Bandwidth

Refer to section 4.1 to get information of the instruments.

4.3 Spurious Emissions

Refer to section 4.1 to get information of the instruments.

4.4 Spurious Emissions of Receiver

Refer to section 4.1 to get information of the instruments.

4.5 Antenna Power

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until	Calibration Authority	Calibration Method
Power Meter Anritsu	ML2495A	0842014	2023/5/5	2024/5/4	ETC	(c)
Programmable DC Power Supply IDRC	DSP80-180WE	701217	2023/3/2	2024/3/1	OCL	(c)
Pulse Power Sensor Anritsu	MA2411B	0738404	2023/5/5	2024/5/4	ETC	(c)

Notes:

- Calibration method:
 - Calibration conducted by the National Institute of Information and Communications Technology (NICT) or a designated calibration agency under Article 102-18 paragraph (1).
 - Calibration conducted pursuant to the provisions of Article 135 or Article 144 of the Measurement Law (Law No. 51 of 1992) Japan Calibration Service System.
 - 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 other equipment that listed above from a) to c).
- Tested Date: 2023/9/1

4.6 Interference Prevention Function

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until	Calibration Authority	Calibration Method
WLAN Test Set Anritsu	MT8860C	1705001	2023/2/25	2024/2/24	ETC	(c)

Notes:

- Calibration method:
 - Calibration conducted by the National Institute of Information and Communications Technology (NICT) or a designated calibration agency under Article 102-18 paragraph (1).
 - Calibration conducted pursuant to the provisions of Article 135 or Article 144 of the Measurement Law (Law No. 51 of 1992) Japan Calibration Service System.
 - 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 other equipment that listed above from a) to c).
- Tested Date: 2023/9/7

5 Limits of Test Items

5.1 Frequency Tolerance

Tolerance of frequency shall be +/- 50ppm.

5.2 Occupied Bandwidth

Modulation Method	Limit	Remark
DSSS	<26 MHz	
OFDM	<26 MHz	Antenna power limitation is 10 mW/MHz
	26 – 40 MHz	Antenna power limitation is 5 mW/MHz
FHSS	<83.5 MHz	
Other Digital	<26 MHz	

5.3 Spurious Emissions

Frequencies	Limit
Operating frequency 2400 to 2483.5 MHz	
30.0 MHz to 1000.0 MHz	$\leq 0.25 \text{ uW}/100 \text{ kHz}$
1000.0 MHz to 2387 MHz	$\leq 2.5 \text{ uW}/\text{MHz}$
2387.0 MHz to 2400.0 MHz	$\leq 25 \text{ uW}/\text{MHz}$
2483.5 MHz to 2496.5 MHz	$\leq 25 \text{ uW}/\text{MHz}$
2496.5 MHz to 12500.0 MHz	$\leq 2.5 \text{ uW}/\text{MHz}$

5.4 Spurious Emissions of Receiver

Frequencies	Limit
Below 1 GHz	$\leq 4 \text{ nW}$
Above 1 GHz	$\leq 20 \text{ nW}$

5.5 Antenna Power

Modulation System	Frequency Band Used	Antenna Power (Max.)	EIRP Limit (Note 3)
DSSS	2400 – 2483.5 MHz	10 mW/MHz	12.14 dBm/MHz ~ 22.14 dBm/MHz (16.368 mW/MHz ~ 163.68 mW/MHz)
OFDM (Note 1)	2400 – 2483.5 MHz	10 mW/MHz	12.14 dBm/MHz ~ 22.14 dBm/MHz (16.368 mW/MHz ~ 163.68 mW/MHz)
OFDM (Note 2)	2400 – 2483.5 MHz	5 mW/MHz	9.13 dBm/MHz ~ 19.13 dBm/MHz (8.184 mW/MHz ~ 81.84 mW/MHz)
FHSS	2400 – 2483.5 MHz	3 mW/MHz	6.91 dBm/MHz ~ 16.91 dBm/MHz (4.91 mW/MHz ~ 49.10 mW/MHz)
Other Digital	2400 – 2483.5 MHz	10 mW	12.14 dBm ~ 22.14 dBm (16.368 mW ~ 163.68 mW)

Notes:

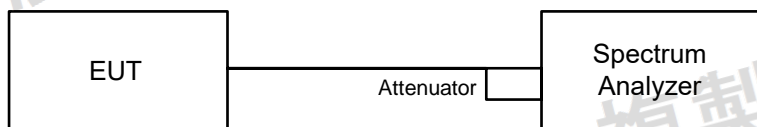
- Occupied bandwidth is less than 26MHz
- Occupied bandwidth is more than 26MHz and less than 40MHz
- EIRP limit is variable by the HPBA, the HPBA (half-power beam width) of the antenna shall be $360/A$ degrees or less, where $A = \text{EIRP} / (2.14 \text{ dBi} + \text{Antenna Power (limit)})$.
- Tolerance of antenna power shall be +20% (upper value) and -80% (lower value).

5.6 Interference Prevention Function

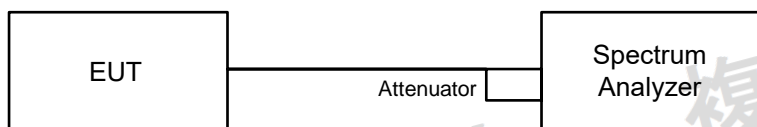
Radio equipment used mainly on the same premises and automatically transmits or receives identification code.

6 Test Arrangements

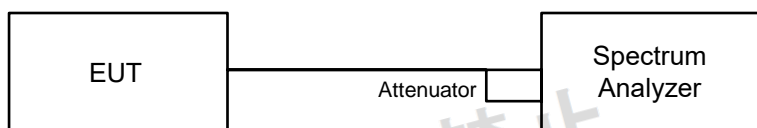
6.1 Frequency Tolerance



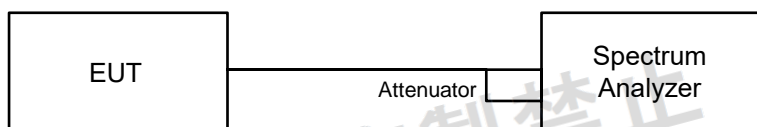
6.2 Occupied Bandwidth



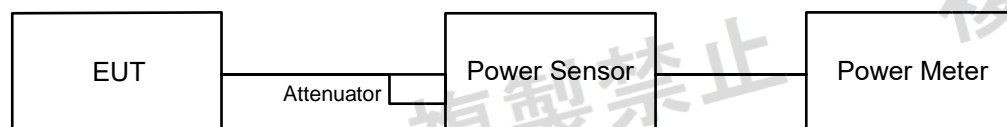
6.3 Spurious Emissions



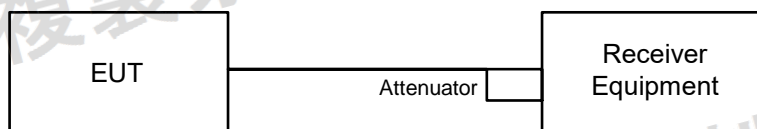
6.4 Spurious Emissions of Receiver



6.5 Antenna Power



6.6 Interference Prevention Function



7 Test Results of Test Item

7.1 Frequency Tolerance

Environmental Conditions:	25°C, 76% RH	Tested By:	Waydi Tuan
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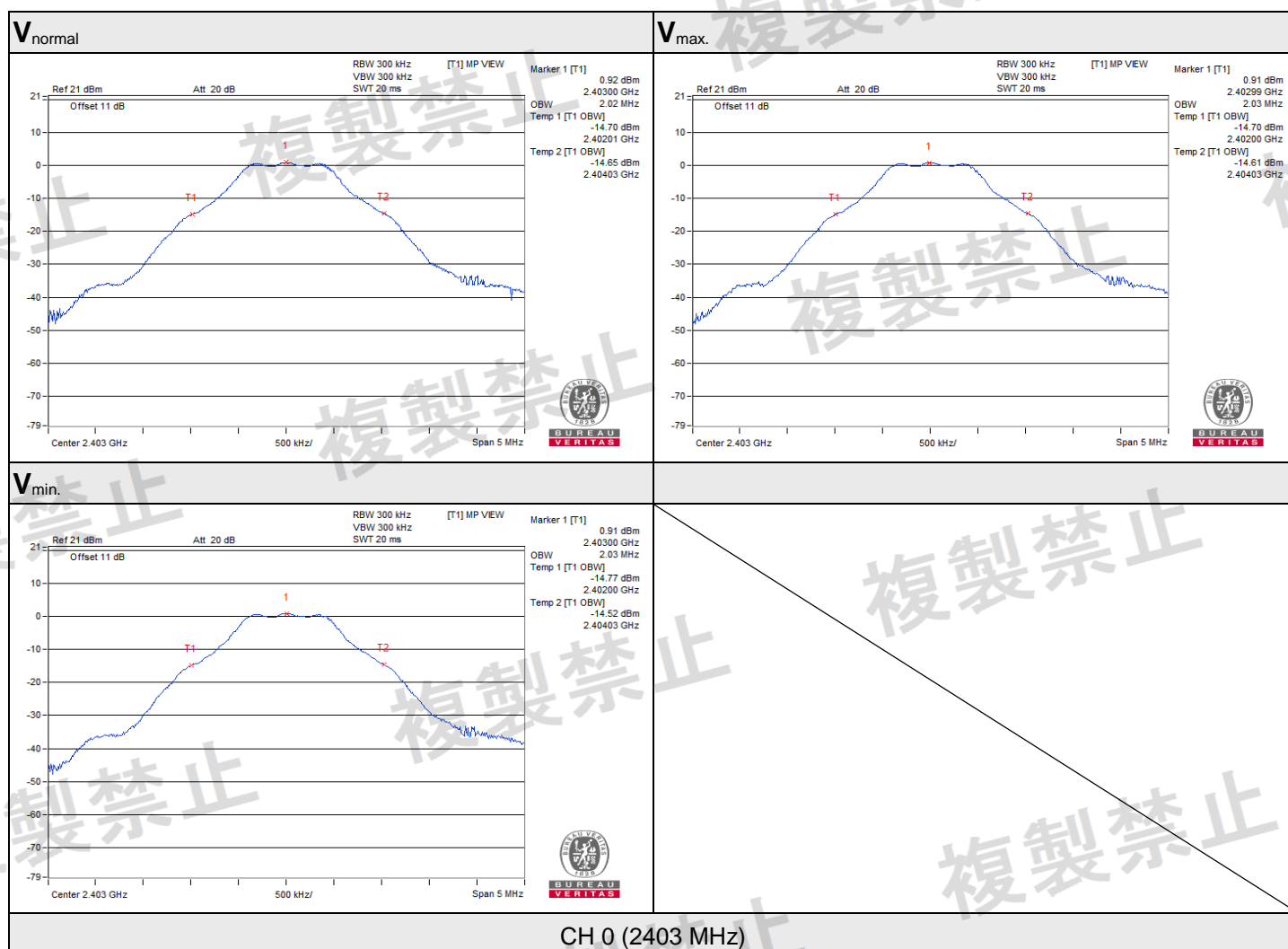
Channel	Frequency (MHz)	V_{normal}		$V_{max.}$		$V_{min.}$	
		Carrier frequency (MHz)	Frequency tolerance (ppm)	Carrier frequency (MHz)	Frequency tolerance (ppm)	Carrier frequency (MHz)	Frequency tolerance (ppm)
0	2403	2403.010200	4.244	2403.010160	4.228	2403.010080	4.194
42	2445	2445.010200	4.171	2445.010200	4.171	2445.010160	4.155
77	2480	2480.010360	4.177	2480.010280	4.145	2480.010320	4.161

7.2 Occupied Bandwidth

Environmental Conditions:	25°C, 76% RH	Tested By:	Waydi Tuan
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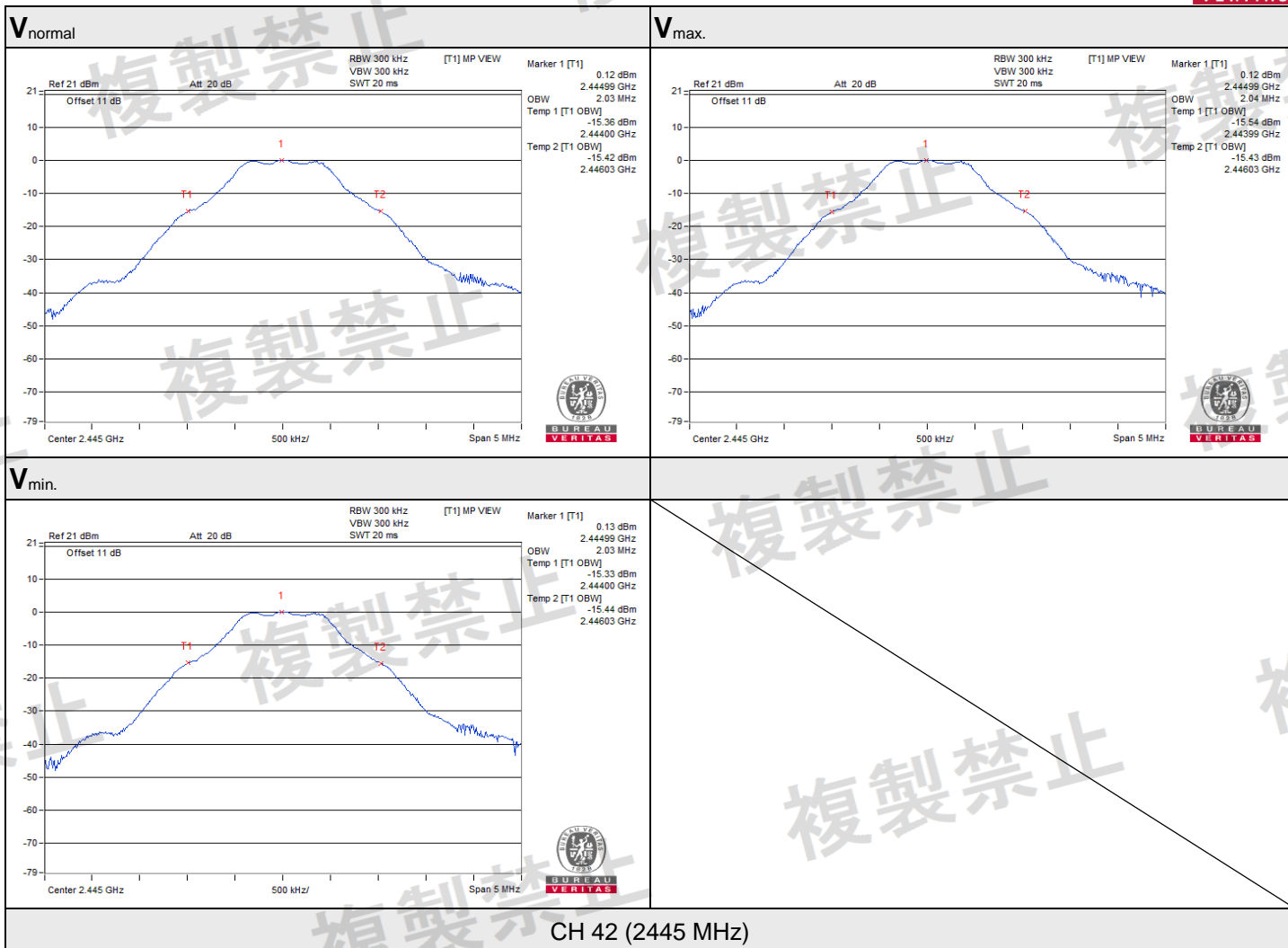
Channel	Frequency (MHz)	V _{normal}	V _{max.}	V _{min.}
		Occupied Bandwidth (MHz)	Occupied Bandwidth (MHz)	Occupied Bandwidth (MHz)
0	2403	2.02	2.03	2.03
42	2445	2.03	2.04	2.03
77	2480	2.04	2.04	2.05

NOTE: For the test plots please refer to the below pages.



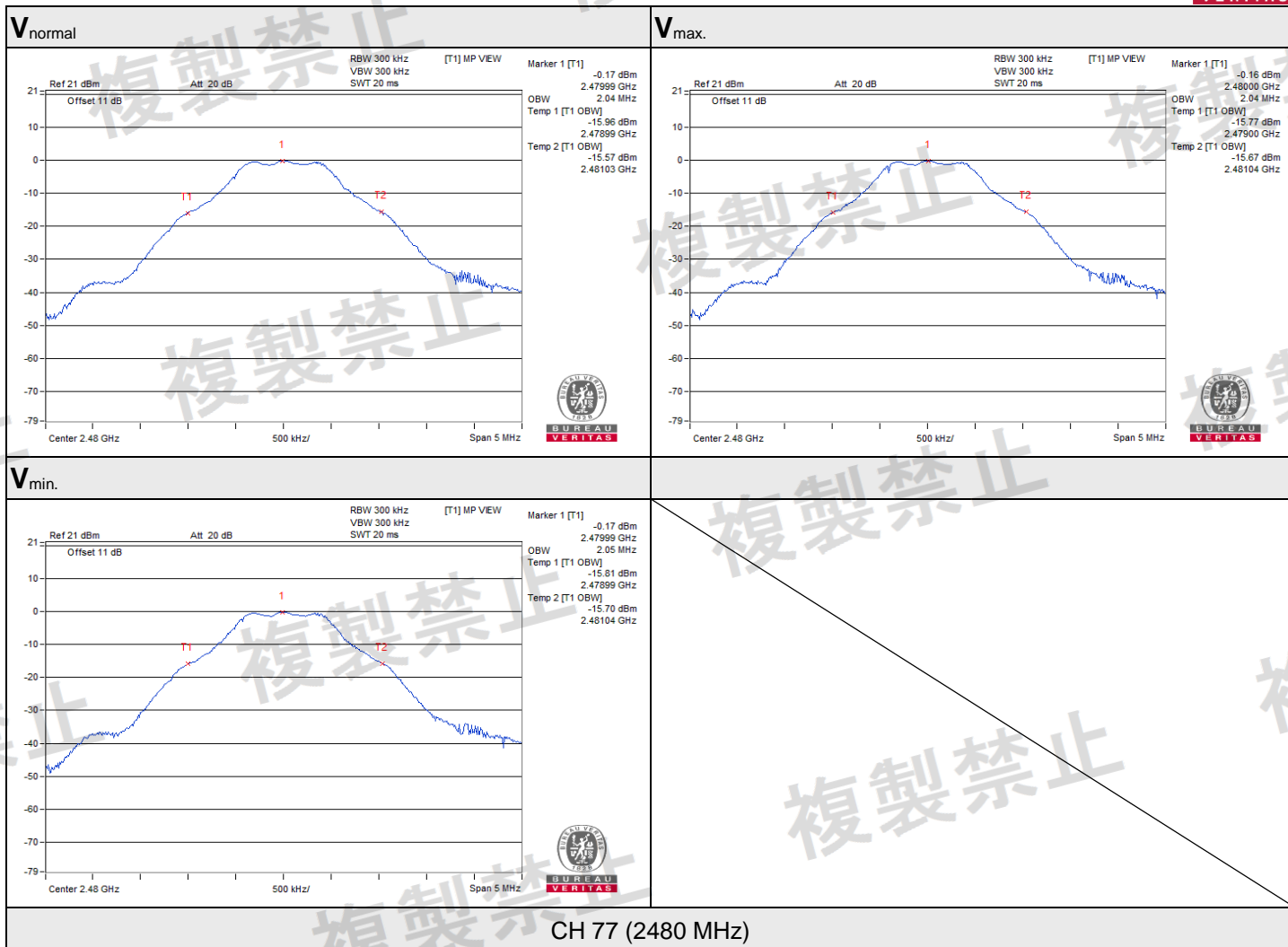


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7.3 Spurious Emissions

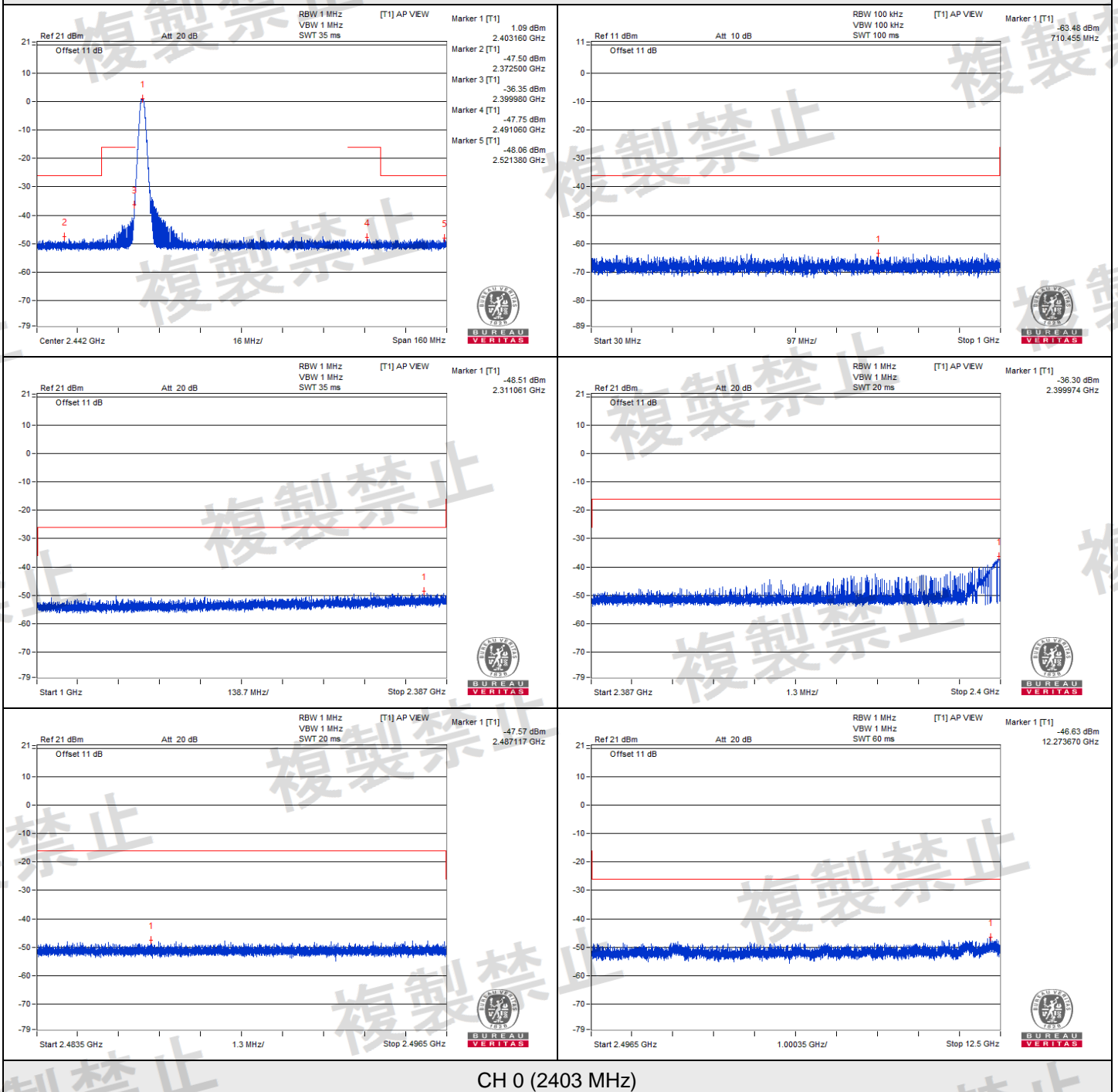
Environmental Conditions:	25°C, 76% RH	Tested By:	Waydi Tuan
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TEST CHANNEL		CH 0 (2403 MHz)			
TEST CONDITION	FREQUENCY RANGE(MHz)	FREQUENCY (MHz)	MEASUREMENT VALUE	LIMIT	RESULT
V_{normal}	30 to 1000	710.455	0.000449 uW/100kHz	0.25 uW/100kHz	PASS
	1000 to 2387	2311.061	0.014093 uW/MHz	2.5 uW/MHz	PASS
	2387 to 2400	2399.974	0.234423 uW/MHz	25 uW/MHz	PASS
	2483.5 to 2496.5	2487.117	0.017498 uW/MHz	25 uW/MHz	PASS
	2496.5 to 12500	12273.670	0.021727 uW/MHz	2.5 uW/MHz	PASS
V_{max.}	30 to 1000	890.753	0.00047 uW/100kHz	0.25 uW/100kHz	PASS
	1000 to 2387	2354.058	0.013366 uW/MHz	2.5 uW/MHz	PASS
	2387 to 2400	2399.936	0.187068 uW/MHz	25 uW/MHz	PASS
	2483.5 to 2496.5	2488.849	0.018155 uW/MHz	25 uW/MHz	PASS
	2496.5 to 12500	9725.279	0.019364 uW/MHz	2.5 uW/MHz	PASS
V_{min.}	30 to 1000	706.817	0.000434 uW/100kHz	0.25 uW/100kHz	PASS
	1000 to 2387	2199.234	0.012246 uW/MHz	2.5 uW/MHz	PASS
	2387 to 2400	2399.928	0.188799 uW/MHz	25 uW/MHz	PASS
	2483.5 to 2496.5	2487.164	0.01714 uW/MHz	25 uW/MHz	PASS
	2496.5 to 12500	12313.684	0.018281 uW/MHz	2.5 uW/MHz	PASS
TEST CHANNEL		CH 42 (2445 MHz)			
V_{normal}	30 to 1000	130.880	0.000466 uW/100kHz	0.25 uW/100kHz	PASS
	1000 to 2387	2162.479	0.014125 uW/MHz	2.5 uW/MHz	PASS
	2387 to 2400	2392.978	0.016982 uW/MHz	25 uW/MHz	PASS
	2483.5 to 2496.5	2489.268	0.023442 uW/MHz	25 uW/MHz	PASS
	2496.5 to 12500	12206.147	0.019815 uW/MHz	2.5 uW/MHz	PASS
V_{max.}	30 to 1000	711.061	0.000587 uW/100kHz	0.25 uW/100kHz	PASS
	1000 to 2387	2280.721	0.013836 uW/MHz	2.5 uW/MHz	PASS
	2387 to 2400	2395.532	0.015241 uW/MHz	25 uW/MHz	PASS
	2483.5 to 2496.5	2495.947	0.019143 uW/MHz	25 uW/MHz	PASS
	2496.5 to 12500	6909.293	0.020464 uW/MHz	2.5 uW/MHz	PASS
V_{min.}	30 to 1000	51.097	0.000449 uW/100kHz	0.25 uW/100kHz	PASS
	1000 to 2387	2207.383	0.013804 uW/MHz	2.5 uW/MHz	PASS
	2387 to 2400	2387.420	0.016711 uW/MHz	25 uW/MHz	PASS
	2483.5 to 2496.5	2492.522	0.020324 uW/MHz	25 uW/MHz	PASS
	2496.5 to 12500	12402.465	0.021135 uW/MHz	2.5 uW/MHz	PASS

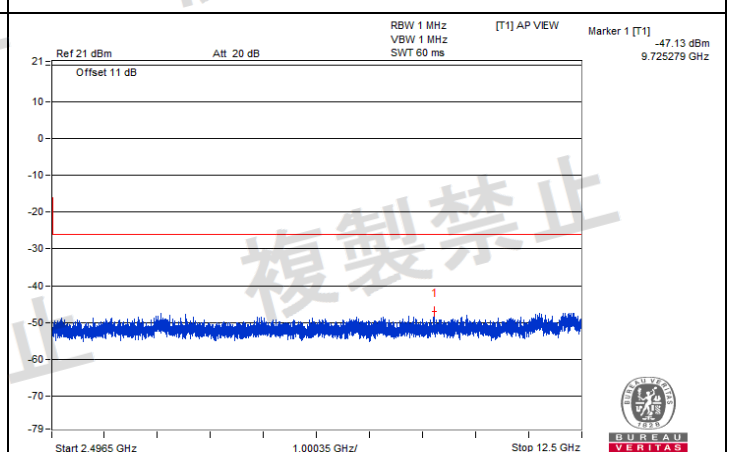
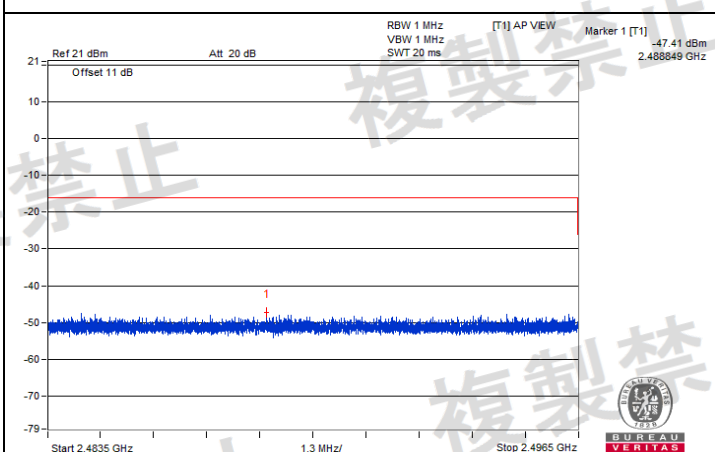
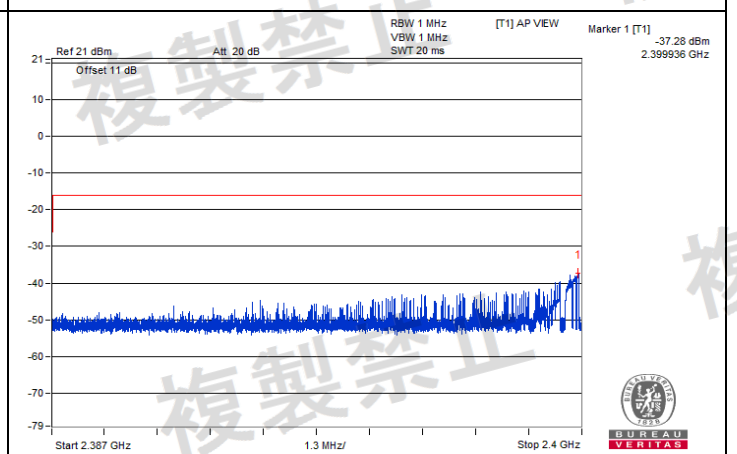
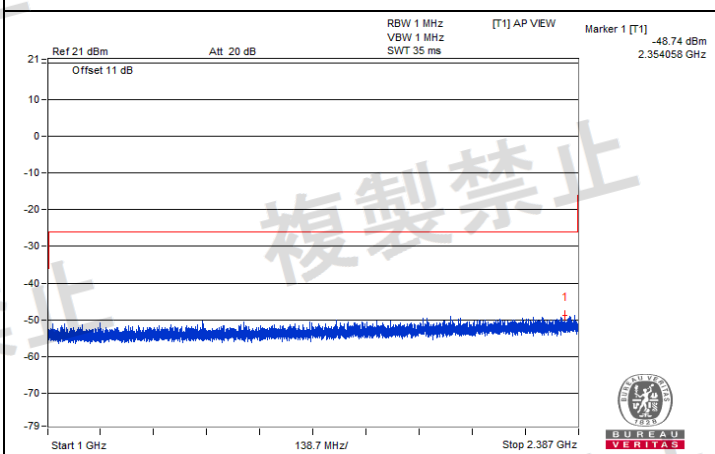
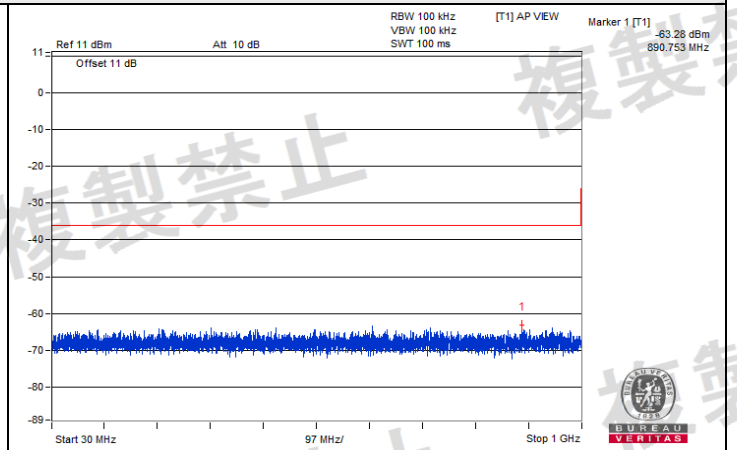
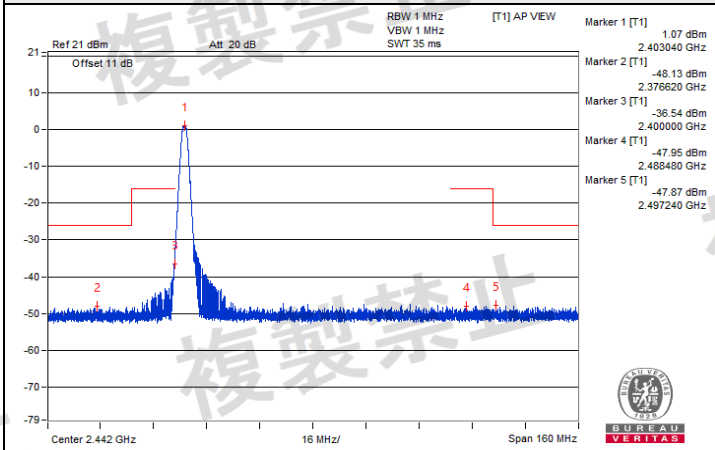
TEST CHANNEL		CH 77 (2480 MHz)			
TEST CONDITION	FREQUENCY RANGE(MHz)	FREQUENCY (MHz)	MEASUREMENT VALUE	LIMIT	RESULT
V_{normal}	30 to 1000	165.800	0.000877 uW/100kHz	0.25 uW/100kHz	PASS
	1000 to 2387	2118.095	0.013583 uW/MHz	2.5 uW/MHz	PASS
	2387 to 2400	2393.760	0.019275 uW/MHz	25 uW/MHz	PASS
	2483.5 to 2496.5	2483.530	0.416869 uW/MHz	25 uW/MHz	PASS
	2496.5 to 12500	6430.376	0.01977 uW/MHz	2.5 uW/MHz	PASS
V_{max.}	30 to 1000	998.423	0.000422 uW/100kHz	0.25 uW/100kHz	PASS
	1000 to 2387	2368.275	0.014723 uW/MHz	2.5 uW/MHz	PASS
	2387 to 2400	2388.616	0.015241 uW/MHz	25 uW/MHz	PASS
	2483.5 to 2496.5	2483.509	0.437522 uW/MHz	25 uW/MHz	PASS
	2496.5 to 12500	12319.937	0.021627 uW/MHz	2.5 uW/MHz	PASS
V_{min.}	30 to 1000	335.307	0.00044 uW/100kHz	0.25 uW/100kHz	PASS
	1000 to 2387	2317.650	0.013274 uW/MHz	2.5 uW/MHz	PASS
	2387 to 2400	2396.623	0.017539 uW/MHz	25 uW/MHz	PASS
	2483.5 to 2496.5	2483.548	0.443609 uW/MHz	25 uW/MHz	PASS
	2496.5 to 12500	12236.157	0.023496 uW/MHz	2.5 uW/MHz	PASS

NOTE: The spectrum plots are attached on the following pages.

V normal

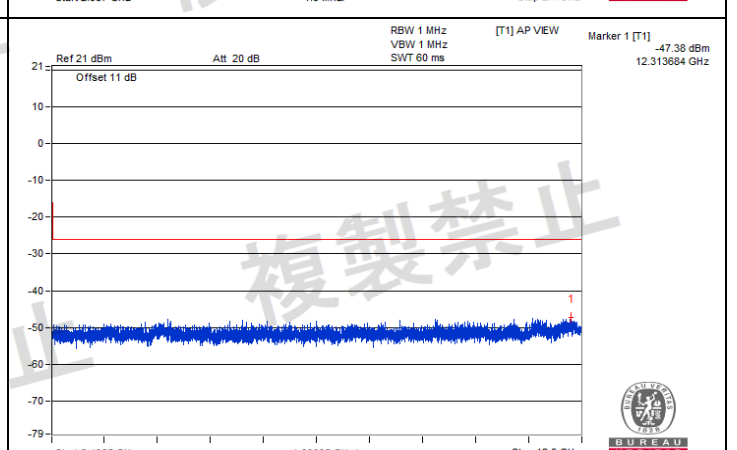
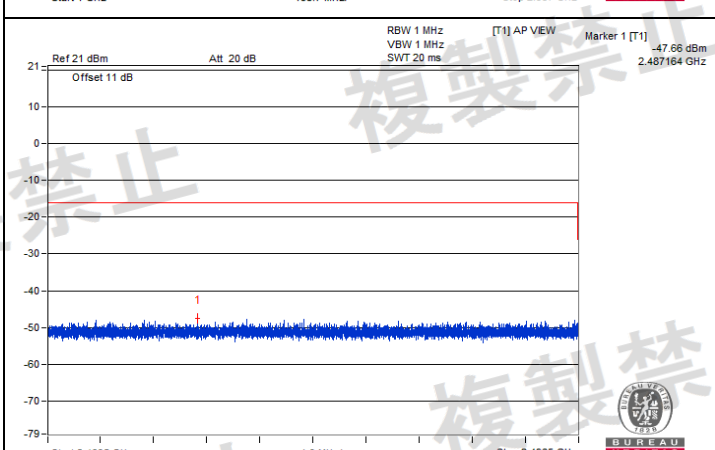
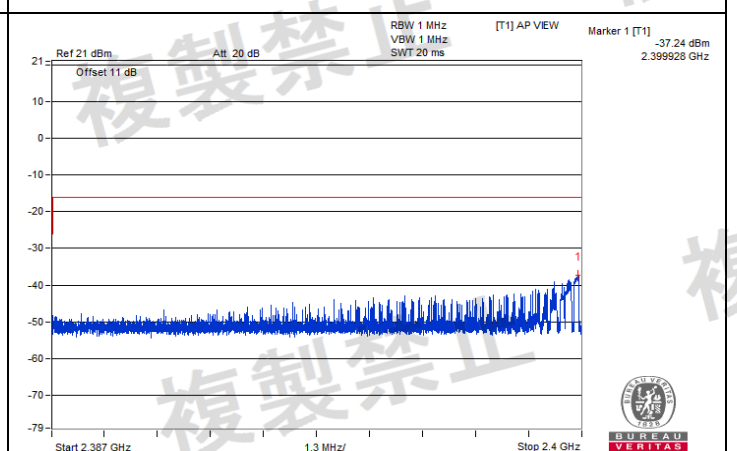
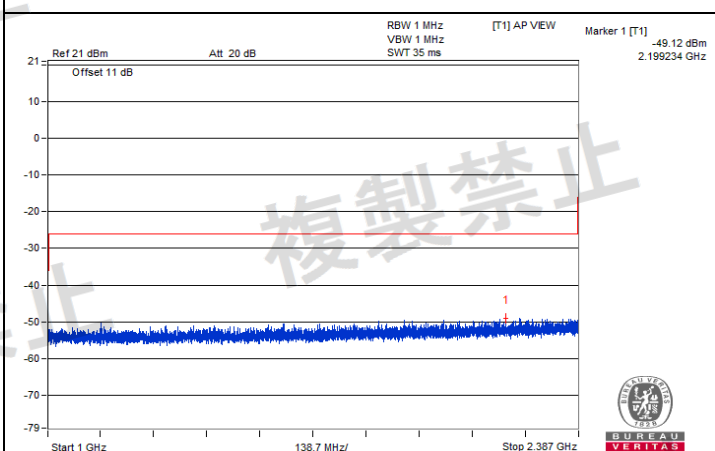
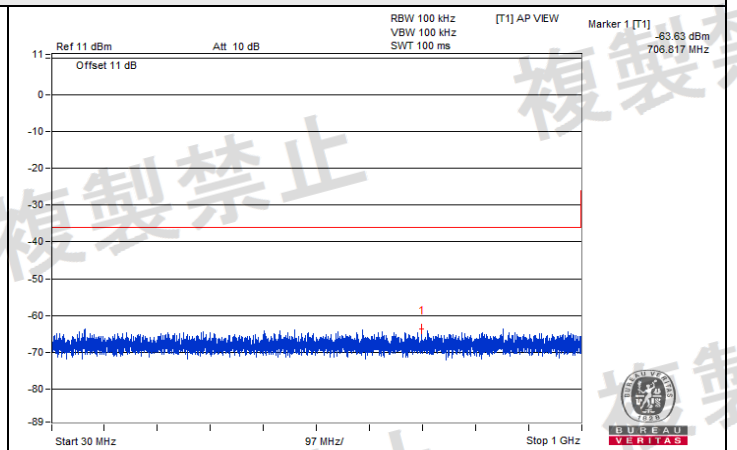
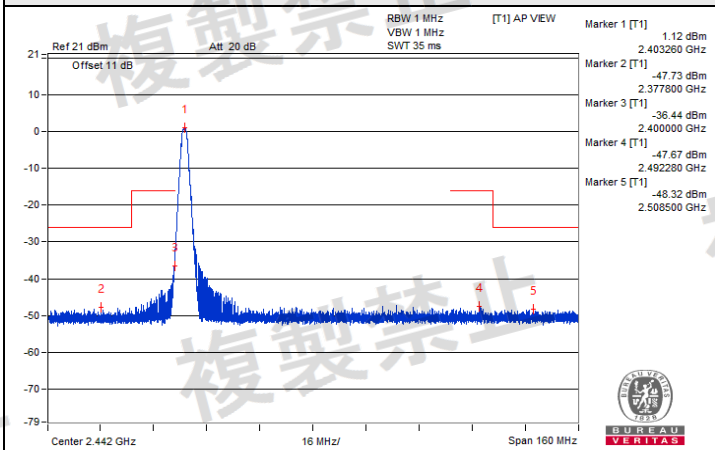


V max.



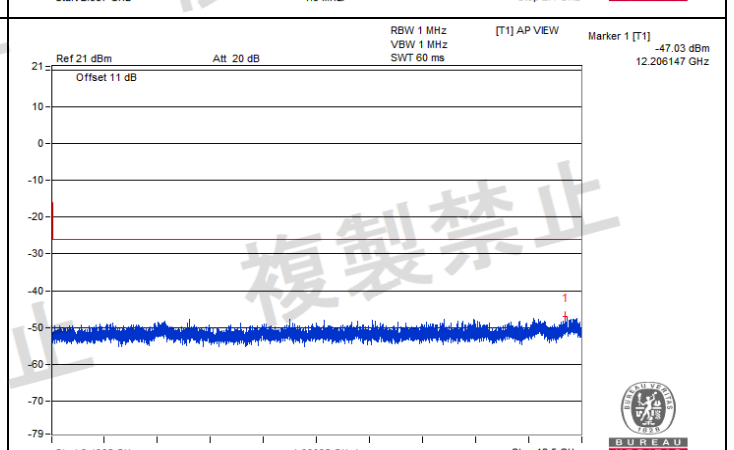
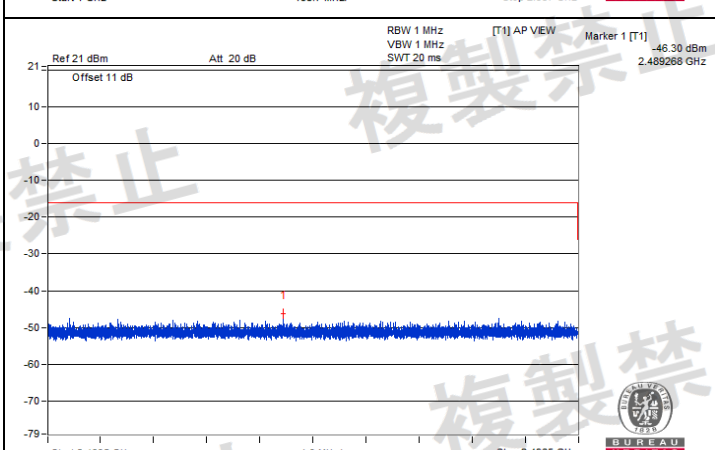
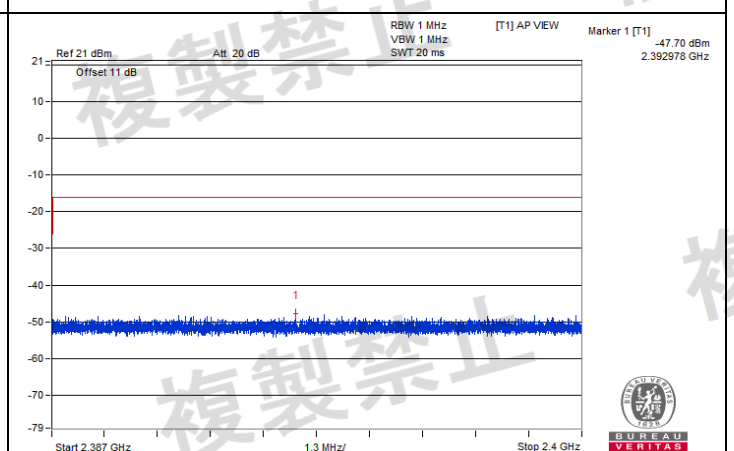
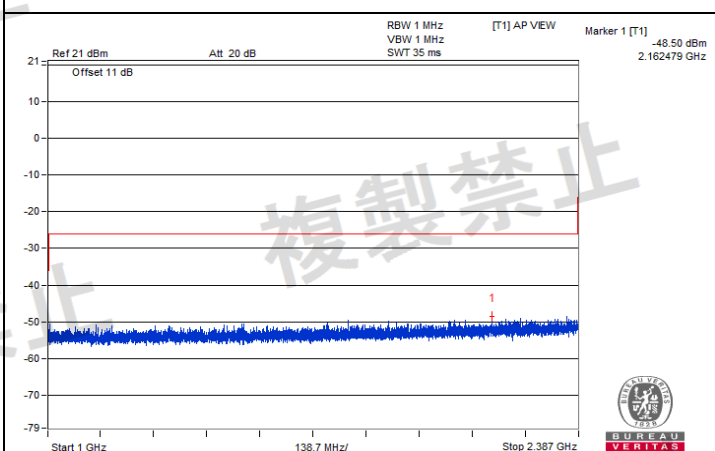
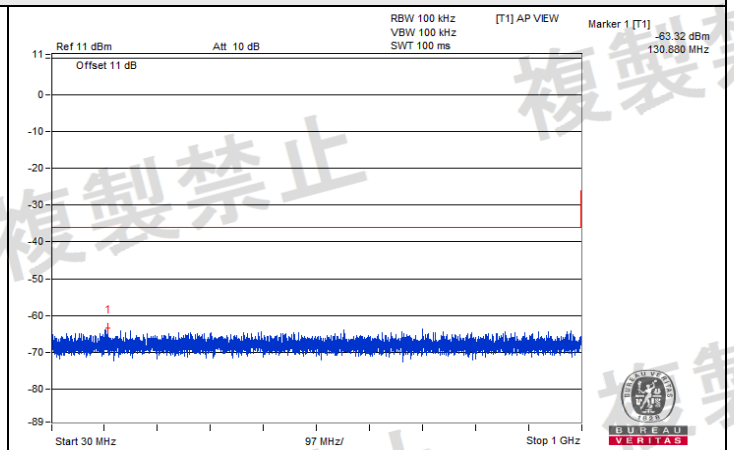
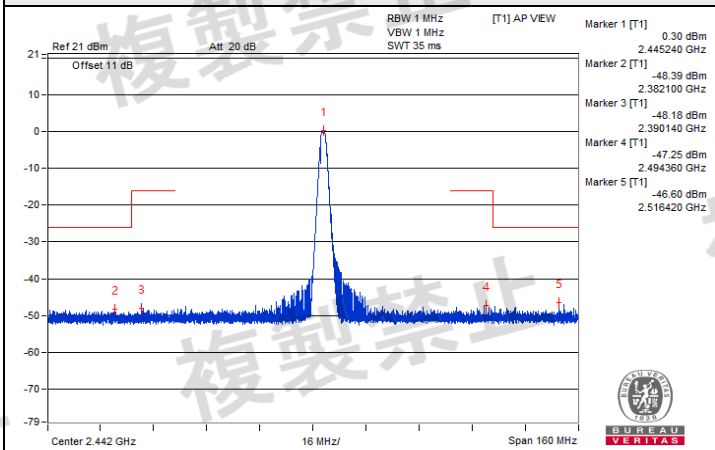
CH 0 (2403 MHz)

V min.



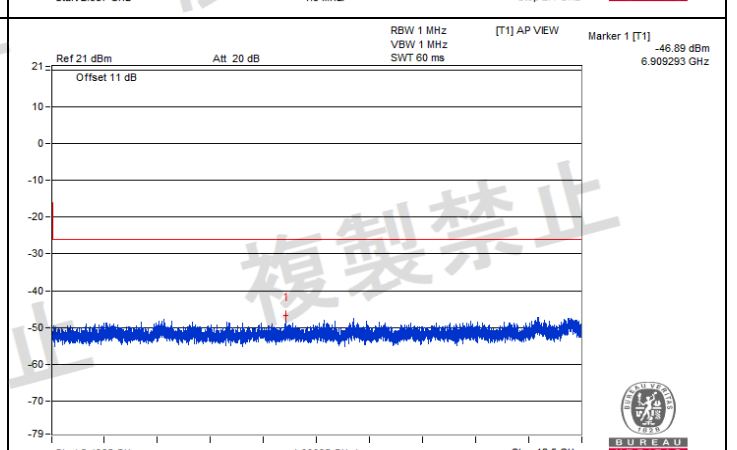
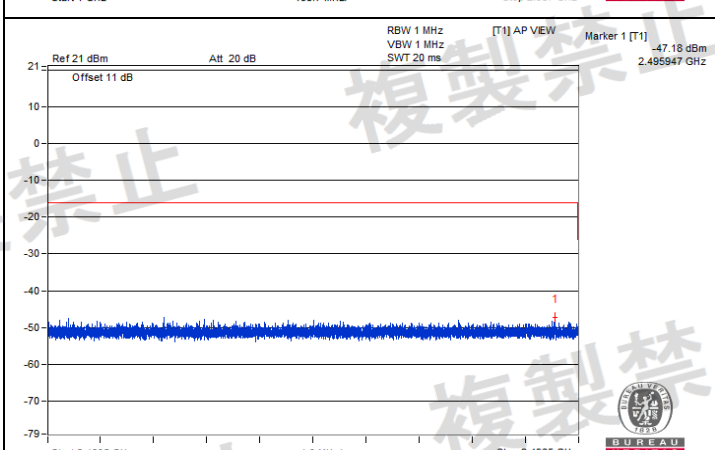
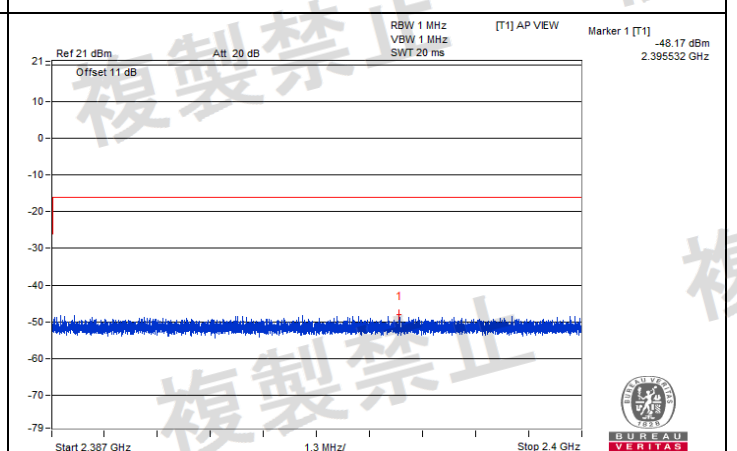
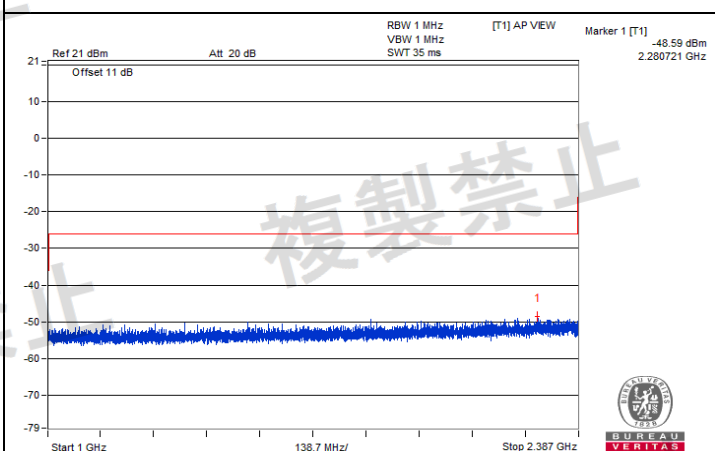
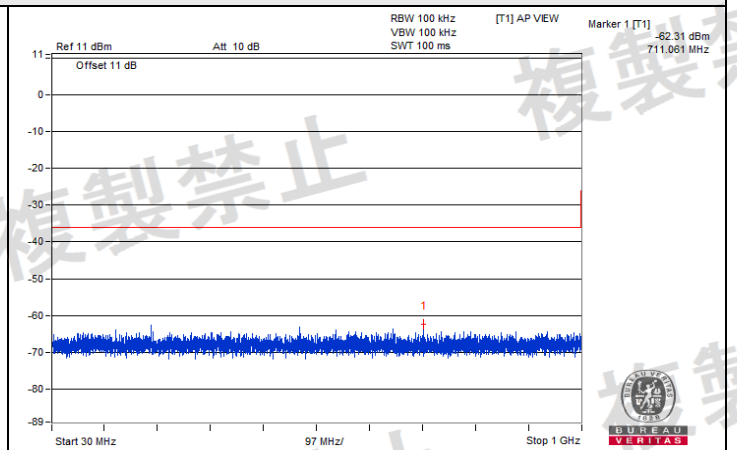
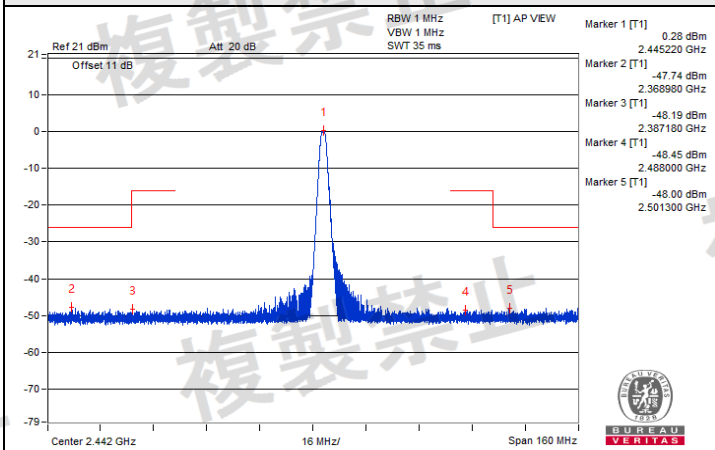
CH 0 (2403 MHz)

V normal



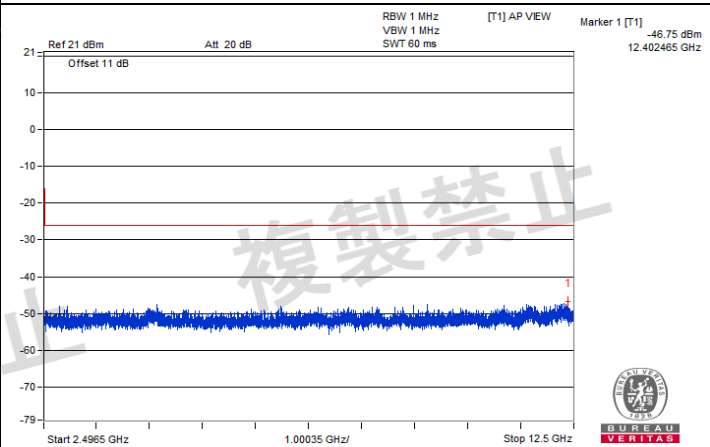
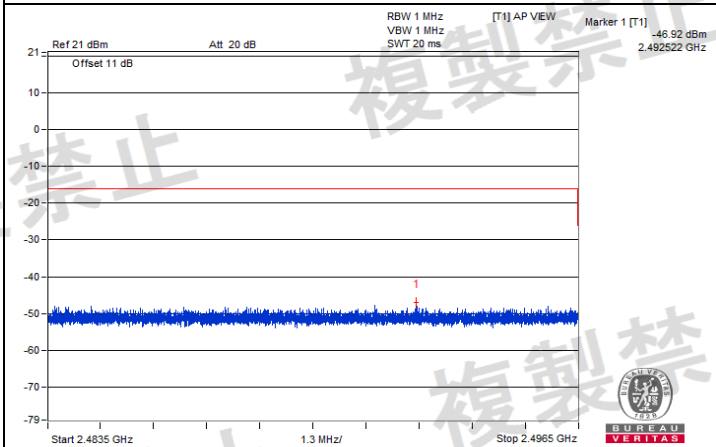
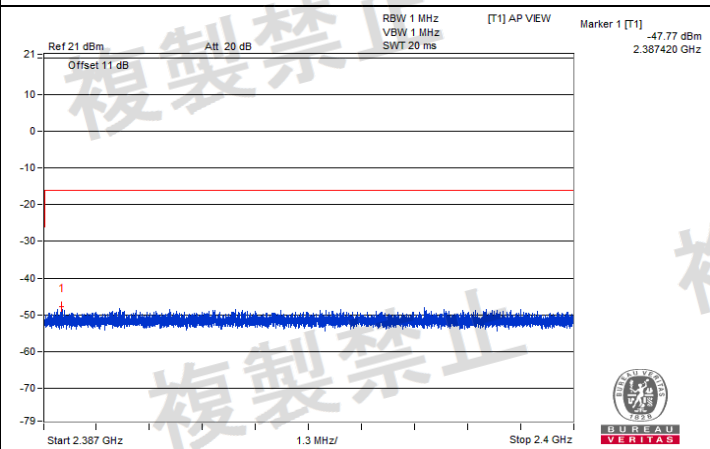
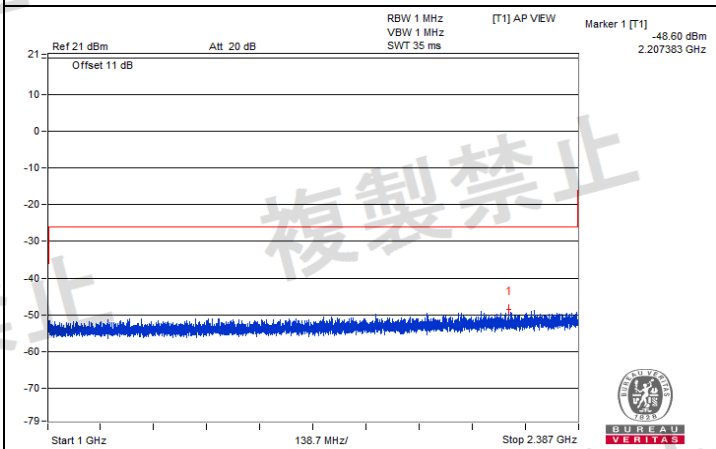
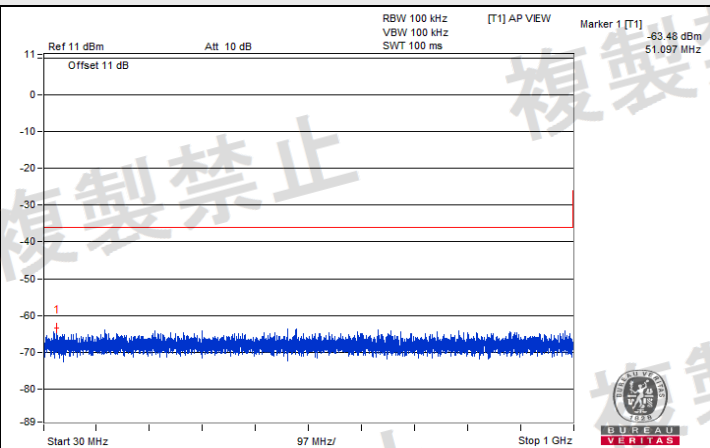
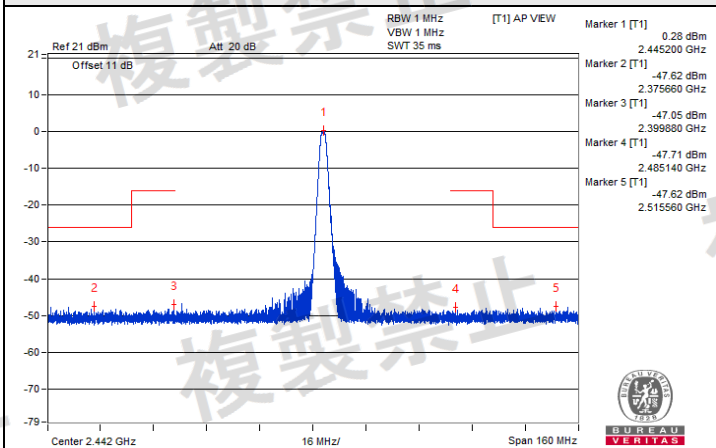
CH 42 (2445 MHz)

V max.



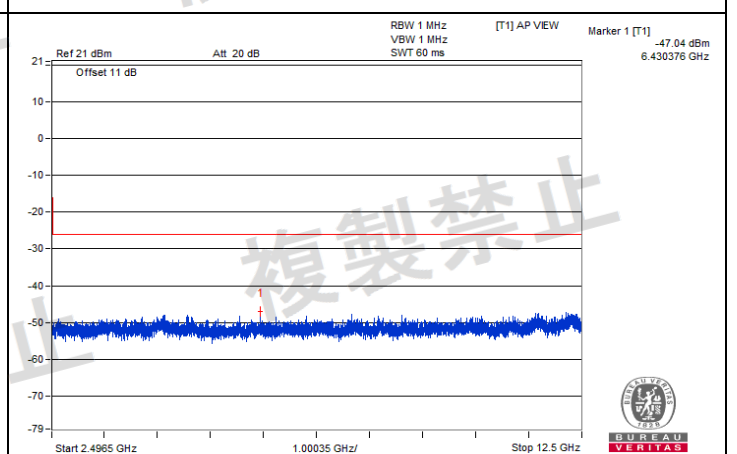
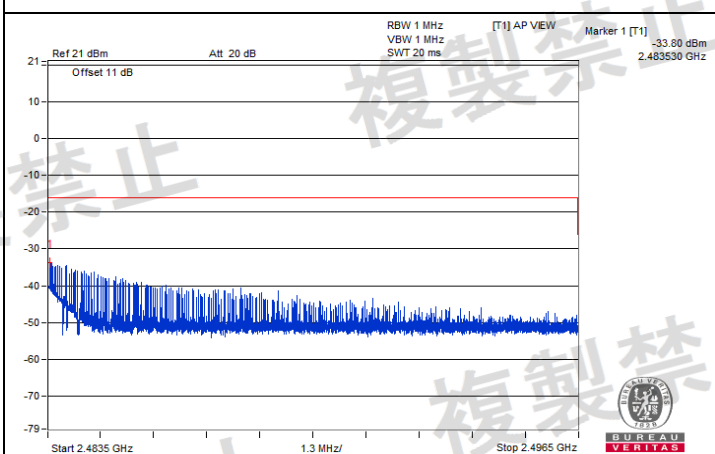
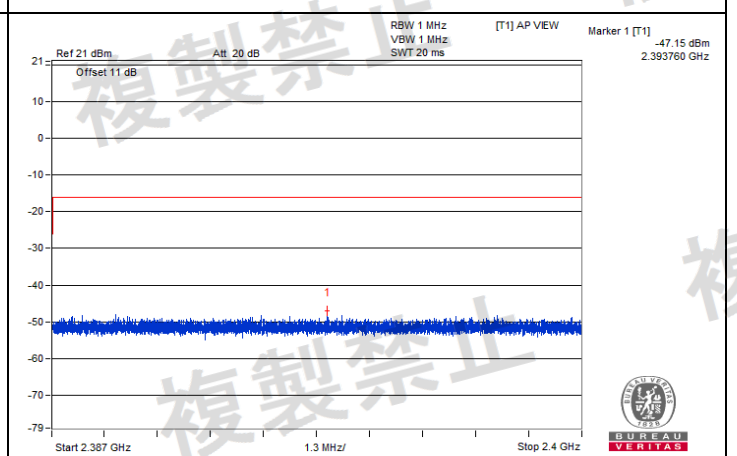
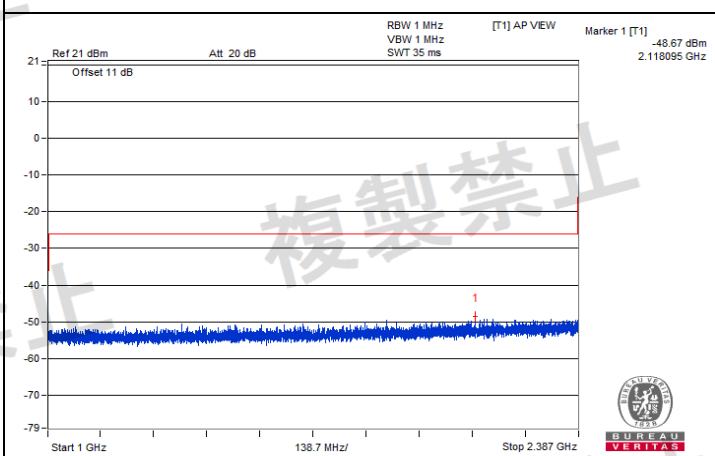
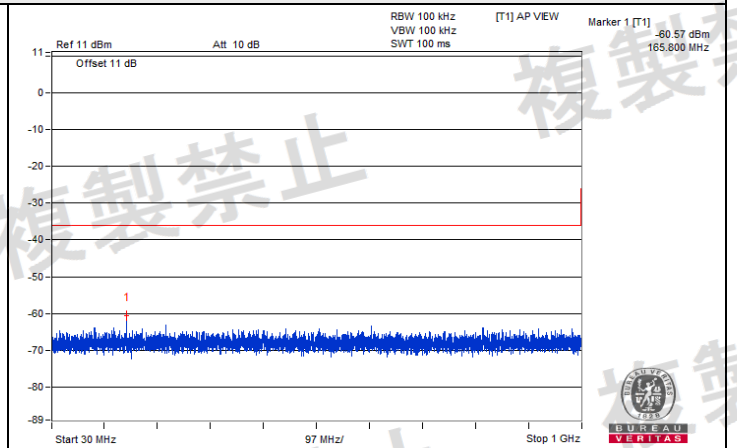
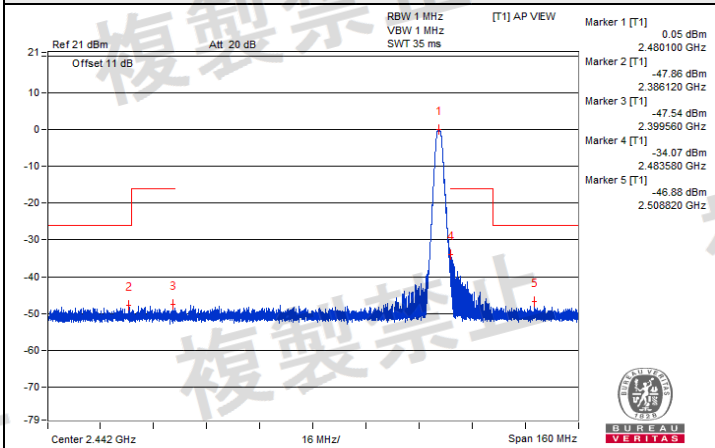
CH 42 (2445 MHz)

V min.



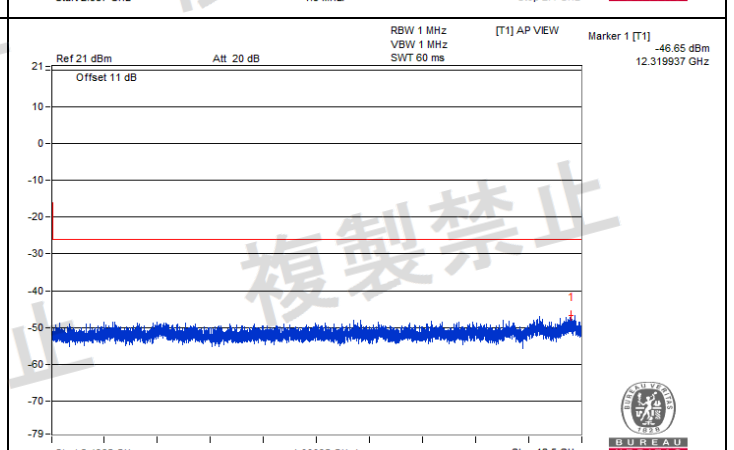
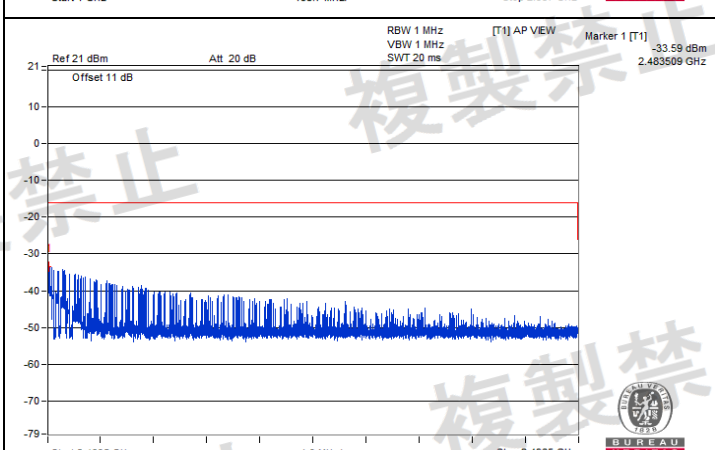
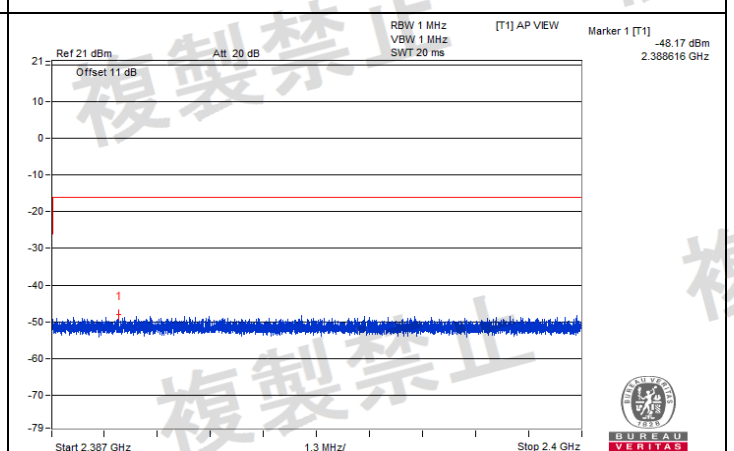
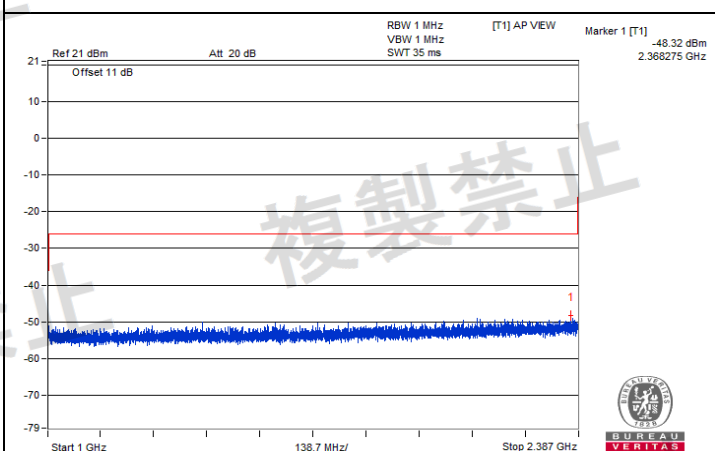
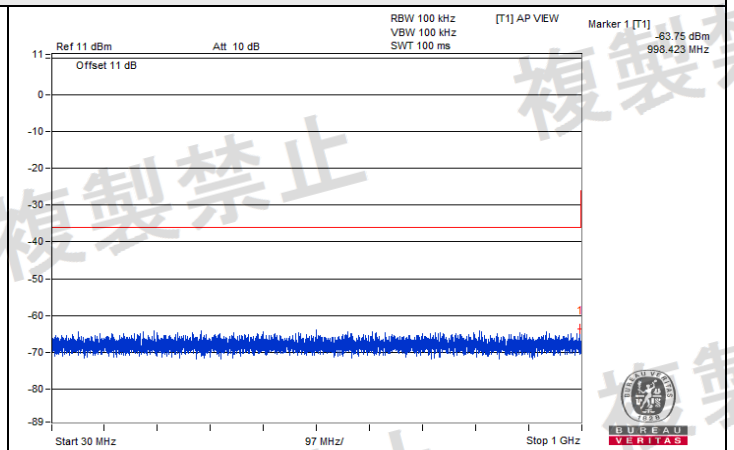
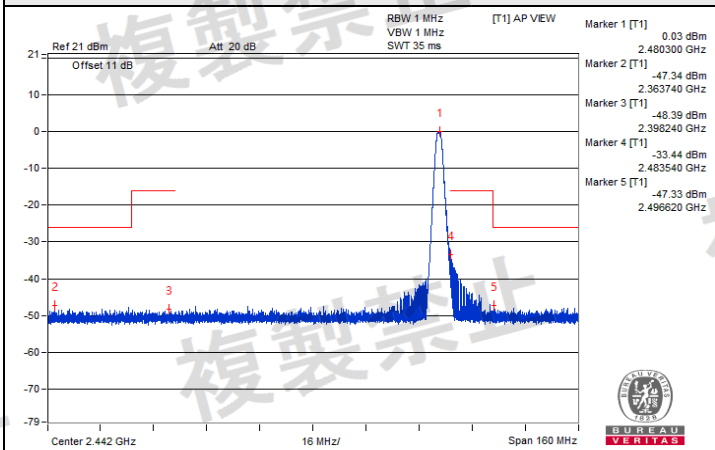
CH 42 (2445 MHz)

V normal



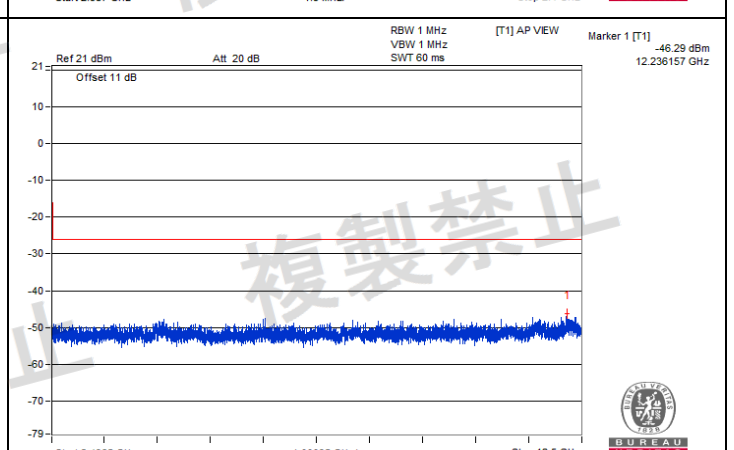
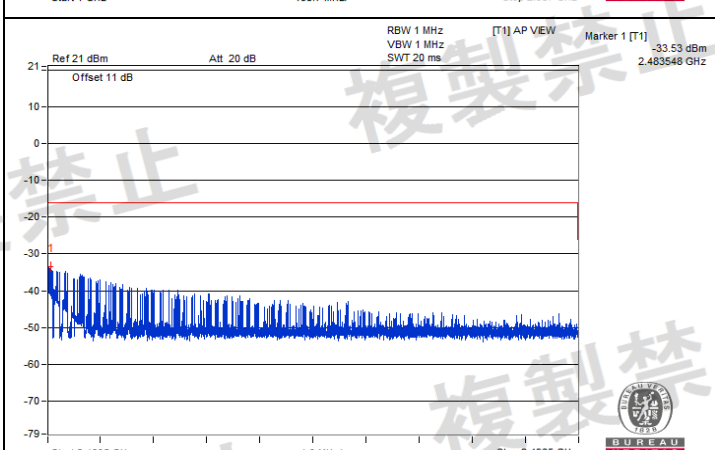
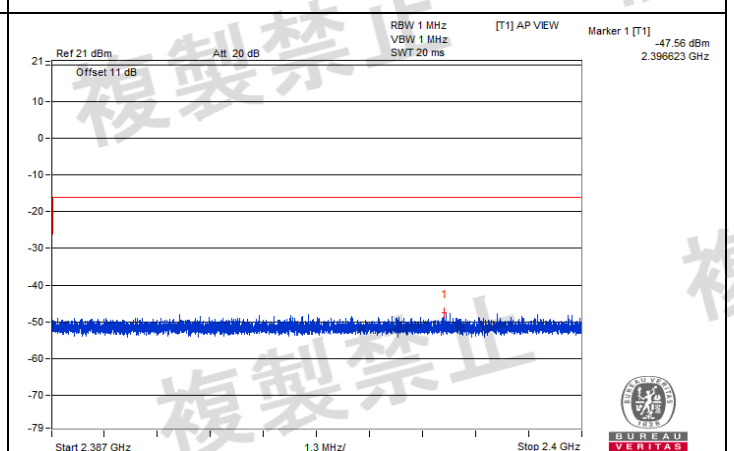
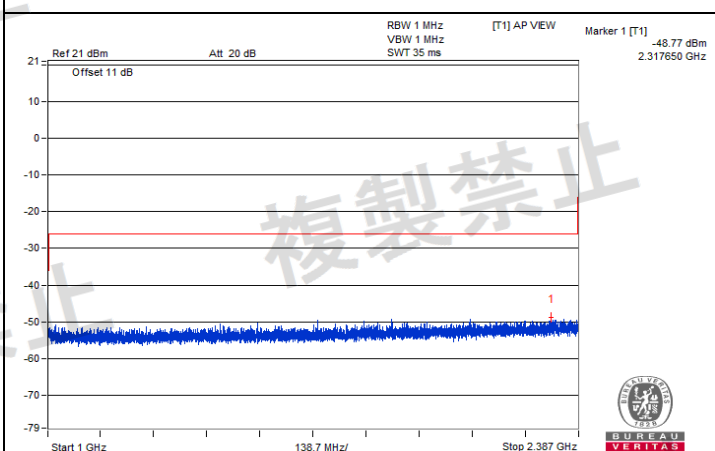
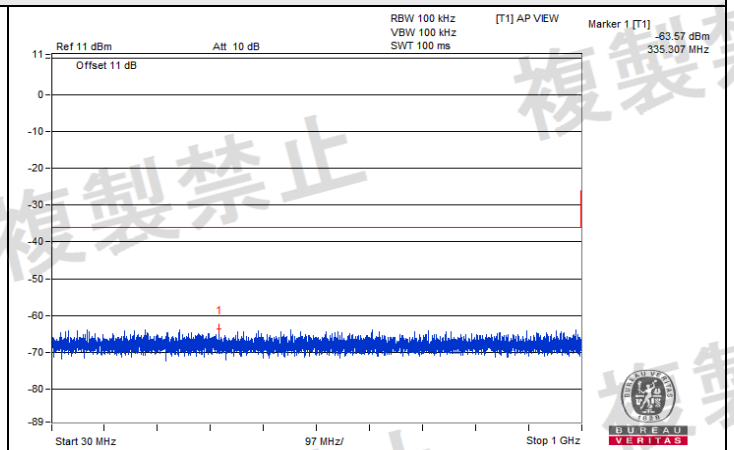
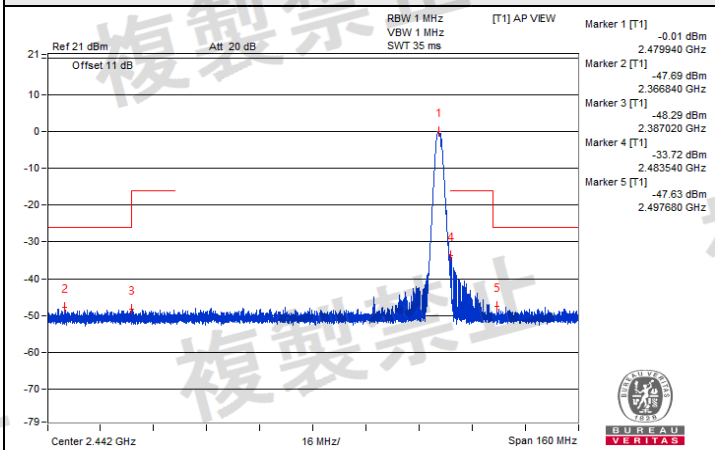
CH 77 (2480 MHz)

V max.



CH 77 (2480 MHz)

V min.



CH 77 (2480 MHz)

7.4 Spurious Emissions of Receiver

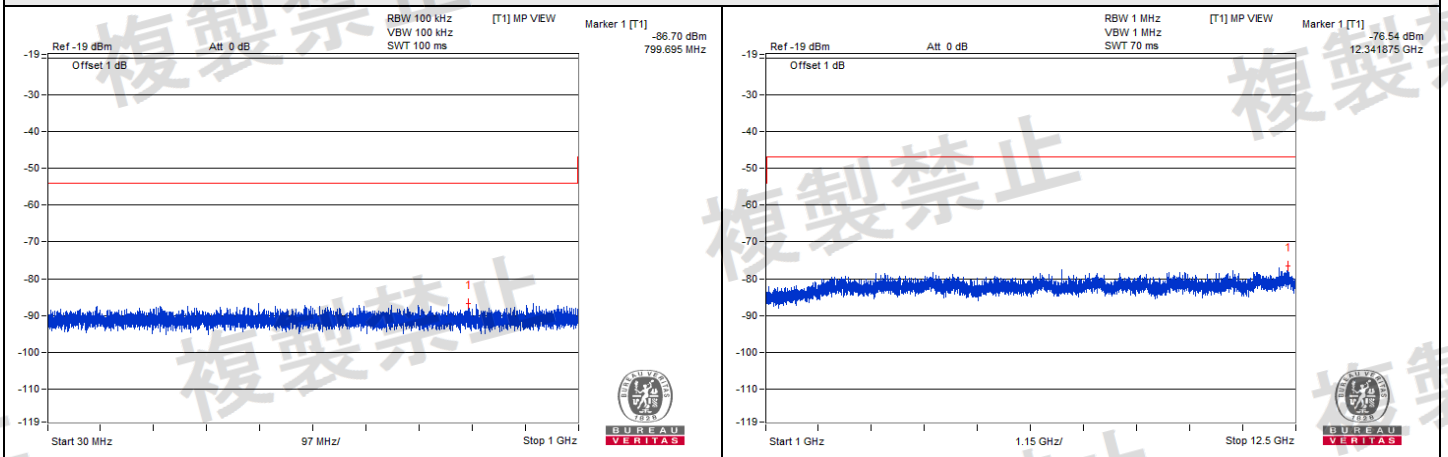
Environmental Conditions:	25°C, 76% RH	Tested By:	Waydi Tuan
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TEST CHANNEL		CH 0 (2403 MHz)			
TEST CONDITION	FREQUENCY RANGE(MHz)	FREQUENCY (MHz)	MEASUREMENT VALUE(nW)	LIMIT (nW)	RESULT
V_{normal}	30.0 to 1000.0	799.695	0.002138	4	PASS
	1000.0 to 12500.0	12341.875	0.022182	20	PASS
V_{max.}	30.0 to 1000.0	408.178	0.002148	4	PASS
	1000.0 to 12500.0	12366.312	0.017298	20	PASS
V_{min.}	30.0 to 1000.0	972.476	0.002377	4	PASS
	1000.0 to 12500.0	12248.437	0.020989	20	PASS
TEST CHANNEL		CH 42 (2445 MHz)			
V_{normal}	30.0 to 1000.0	468.925	0.00228	4	PASS
	1000.0 to 12500.0	11680.625	0.019543	20	PASS
V_{max.}	30.0 to 1000.0	461.650	0.002004	4	PASS
	1000.0 to 12500.0	11729.500	0.020137	20	PASS
V_{min.}	30.0 to 1000.0	449.525	0.002624	4	PASS
	1000.0 to 12500.0	12308.812	0.01766	20	PASS
TEST CHANNEL		CH 77 (2480 MHz)			
V_{normal}	30.0 to 1000.0	826.006	0.002742	4	PASS
	1000.0 to 12500.0	12359.125	0.021627	20	PASS
V_{max.}	30.0 to 1000.0	909.790	0.00278	4	PASS
	1000.0 to 12500.0	5076.750	0.019011	20	PASS
V_{min.}	30.0 to 1000.0	877.537	0.002291	4	PASS
	1000.0 to 12500.0	12339.000	0.018155	20	PASS

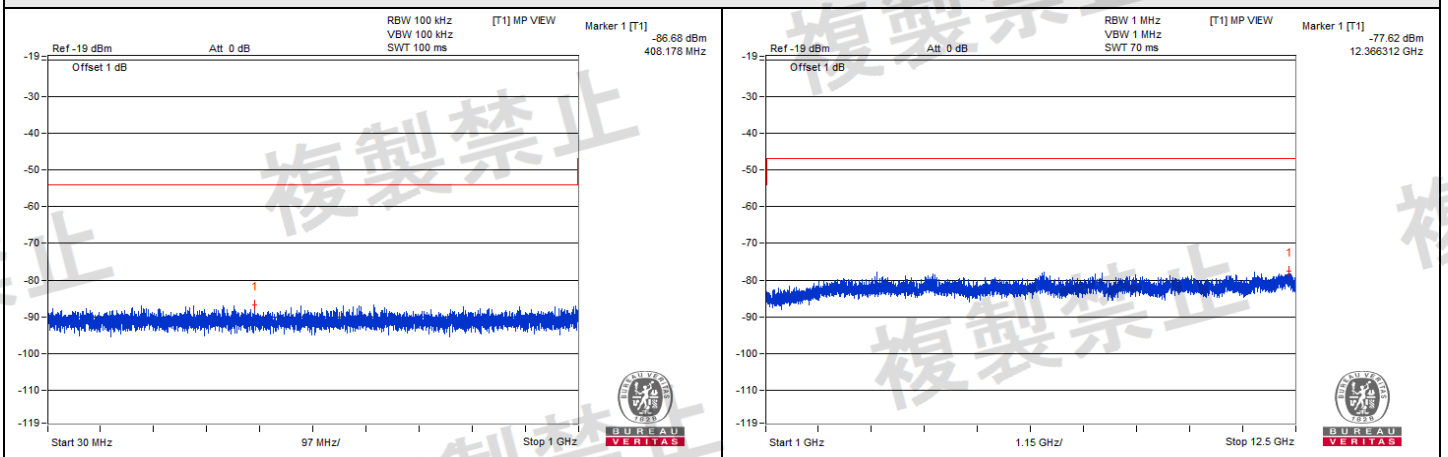


BUREAU
VERITAS

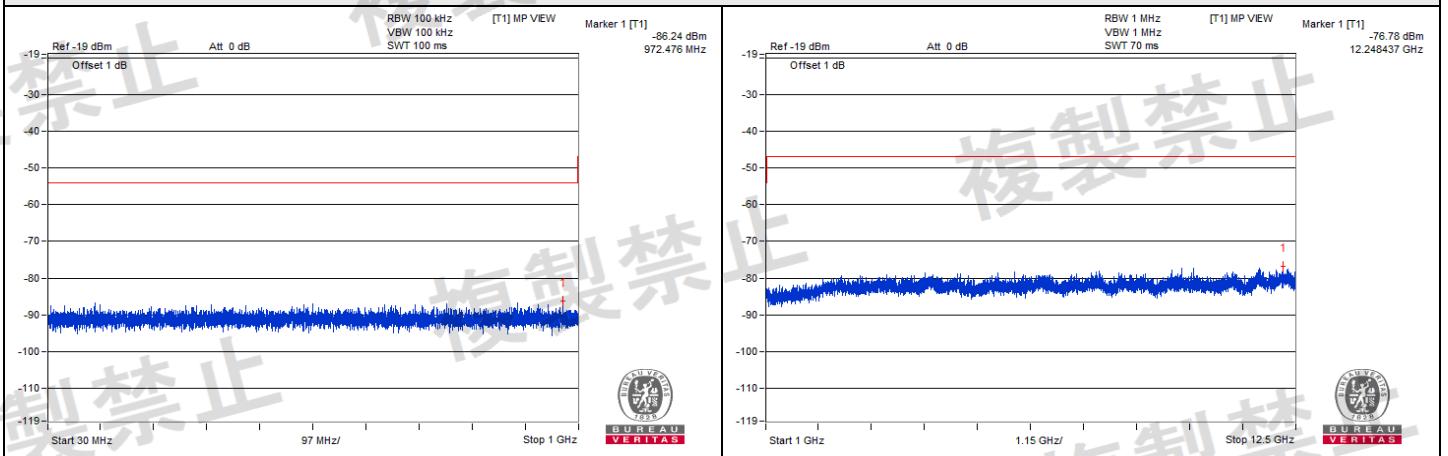
V_{normal}



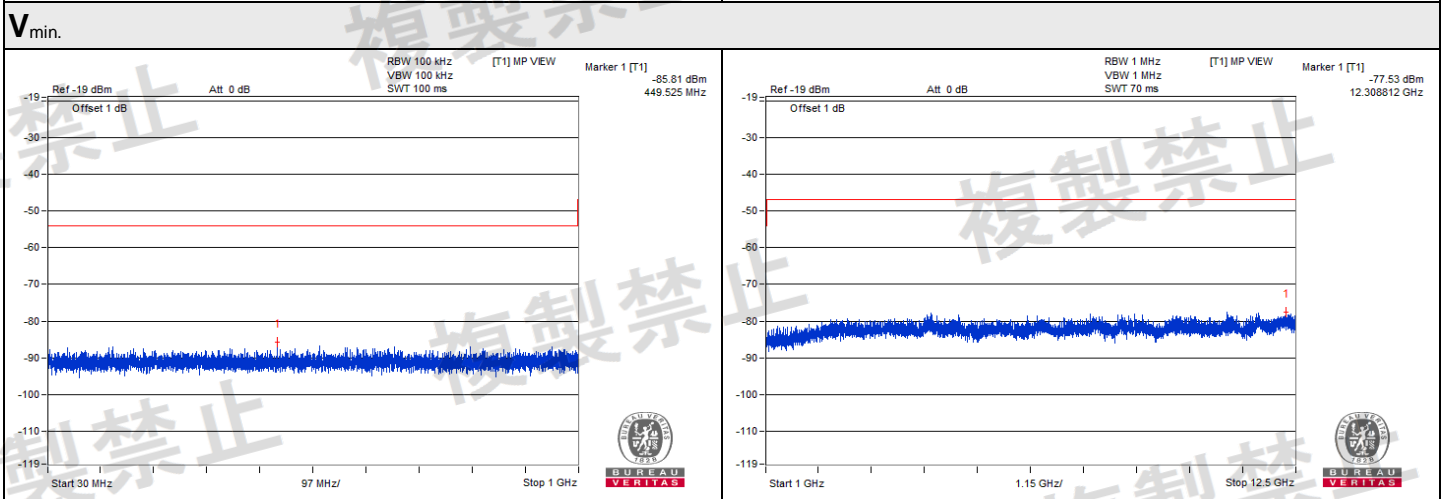
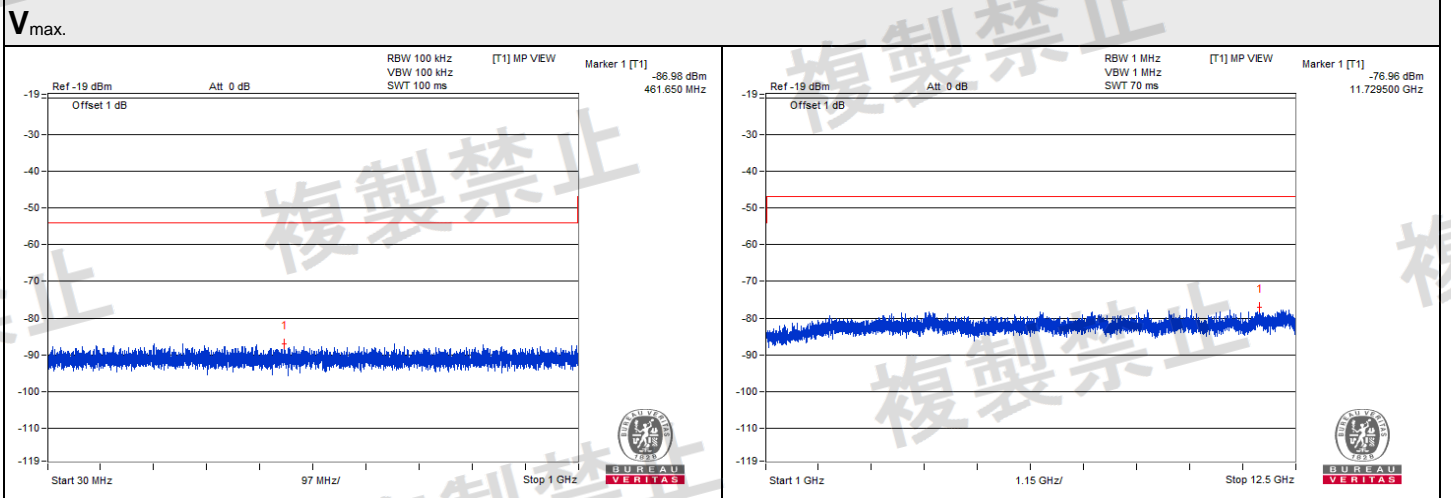
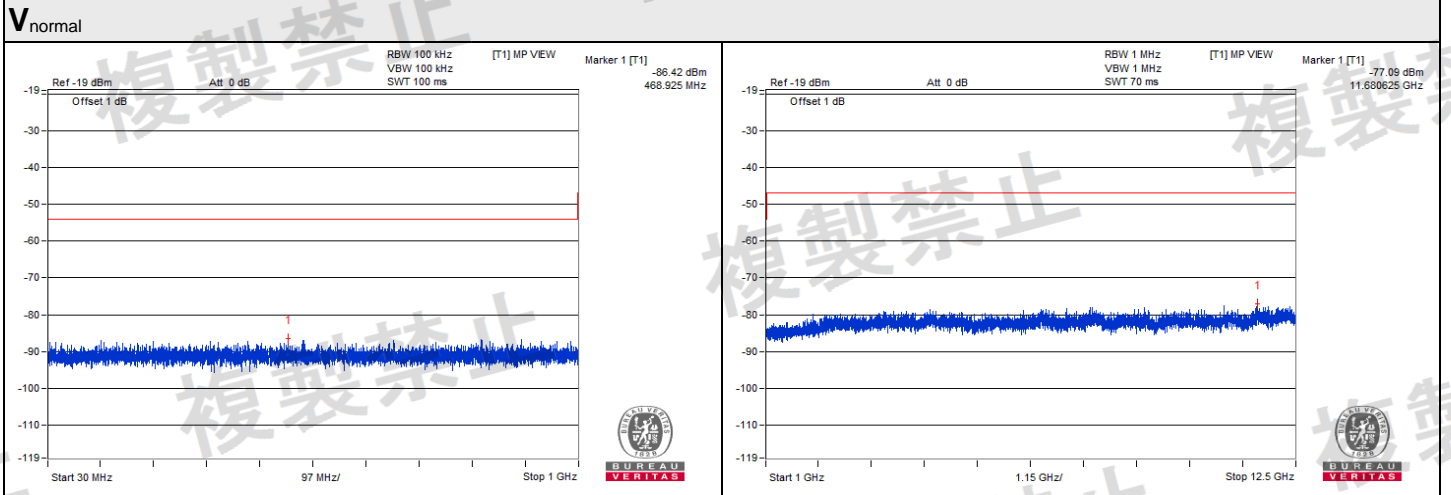
V_{max}



V_{min}

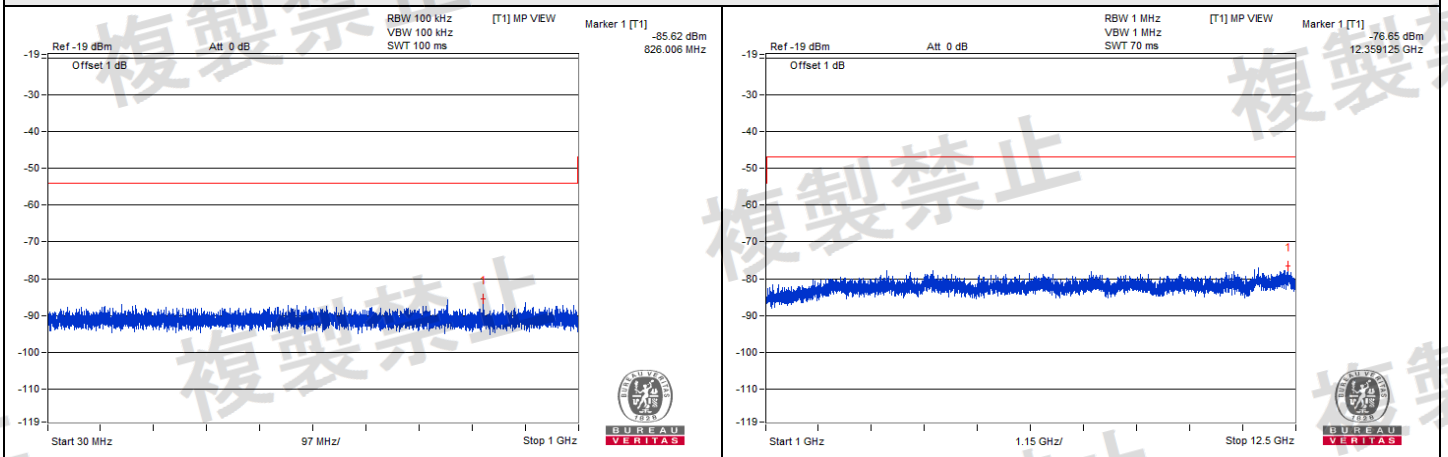


CH 0 (2403 MHz)

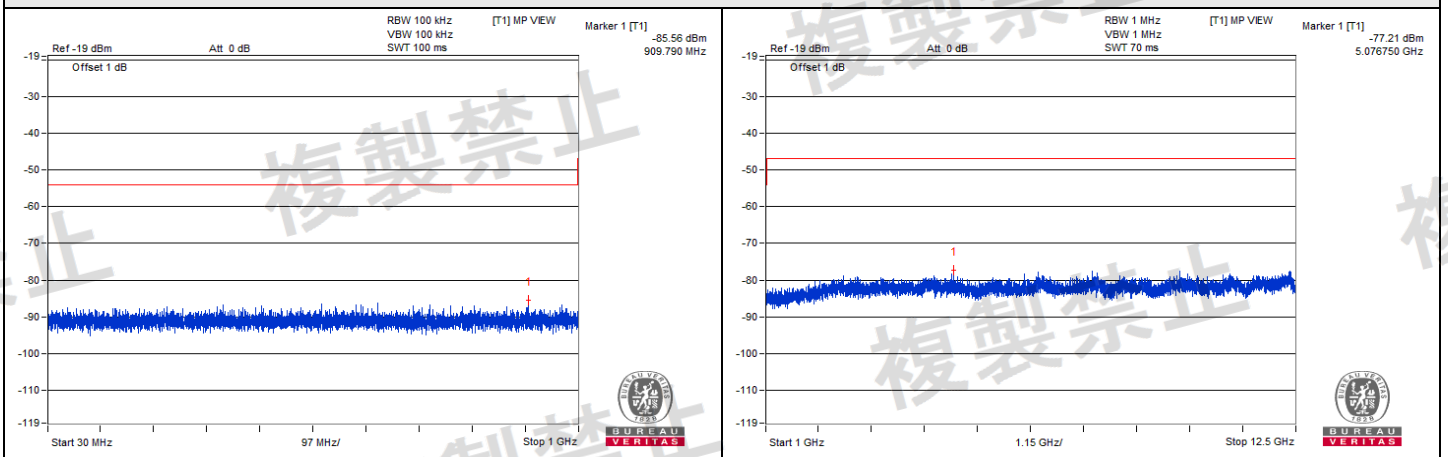


CH 42 (2445 MHz)

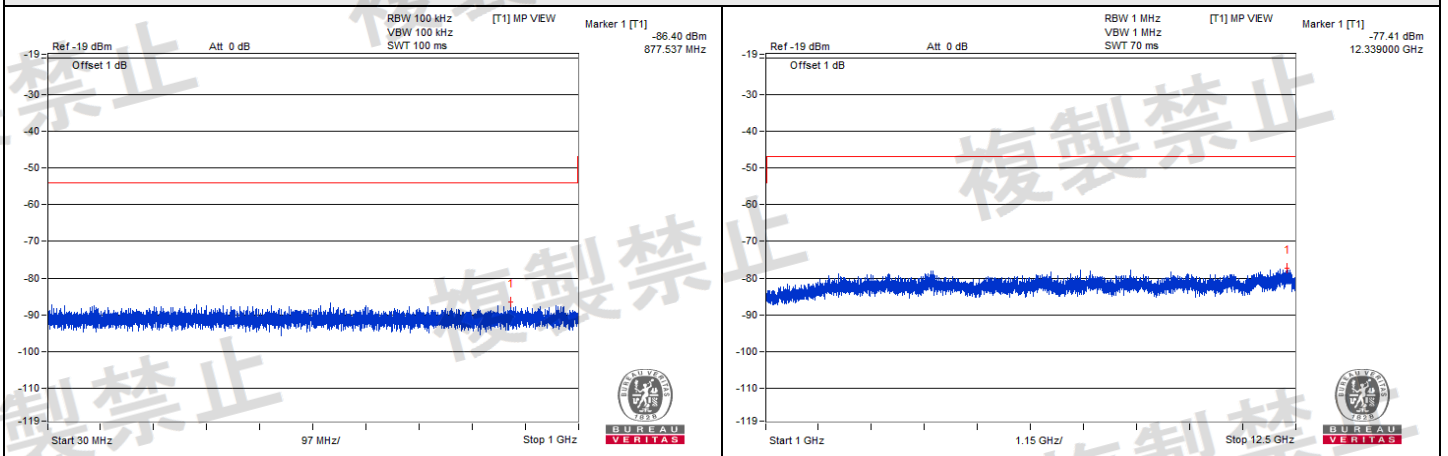
V_{normal}



V_{max}



V_{min}



CH 77 (2480 MHz)

7.5 Antenna Power

Environmental Conditions:	25°C, 76% RH	Tested By:	Waydi Tuan
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For GFSK

Voltage (Vdc)	Channel Number	Frequency (MHz)	Conducted RF Output Power (mW)	Radiated RF Output Power (mW)
3.7	0	2403	1.377	1.734
	42	2445	1.109	1.396
	77	2480	1.035	1.303
4.07	0	2403	1.349	1.698
	42	2445	1.14	1.435
	77	2480	1.064	1.339
3.33	0	2403	1.384	1.742
	42	2445	1.135	1.429
	77	2480	1.03	1.297
Maximum Limit (mW):			10	-
Rated Power (mW):			2	-
Tolerance of Antenna Power (mW):			0.4 ~ 2.4	-
Maximum EIRP Limit (mW):			-	16.368

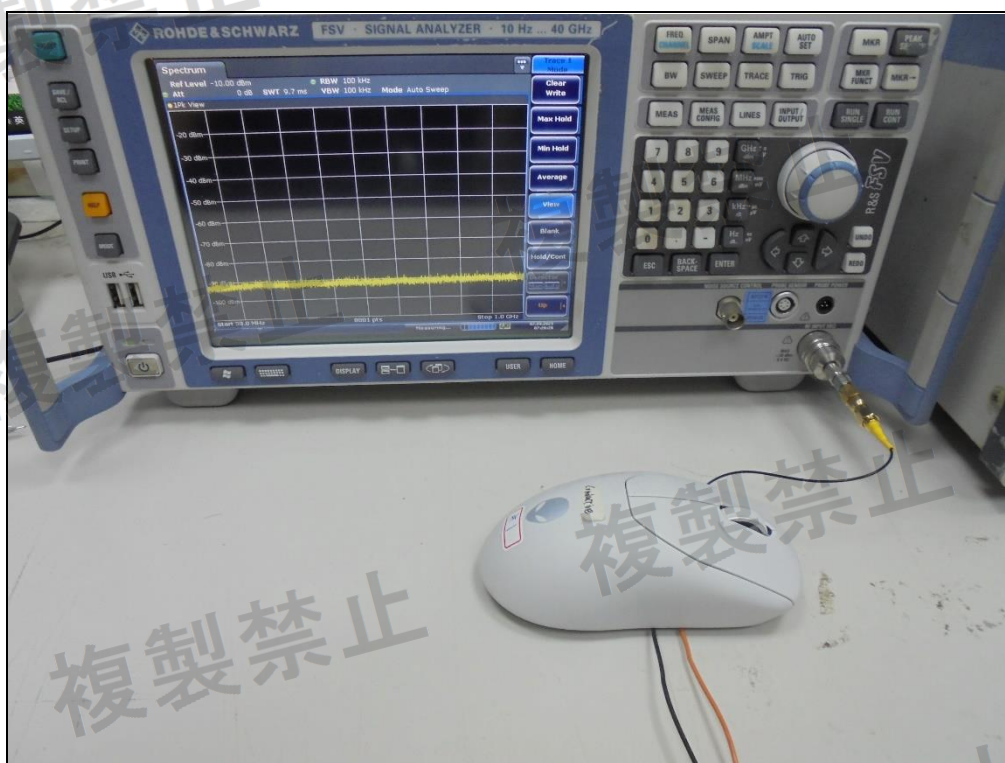
Notes:

1. Antenna gain is 1 dBi.
2. The radiated RF output power is a "calculated" value derived from the conducted value.
3. Formula: Radiated RF output power = Conducted RF output power + Antenna gain

7.6 Interference Prevention Function

Environmental Conditions:	25°C, 60% RH	Tested By:	Pirar Hsieh
Link Mode		Test Result	
GFSK		Pass	

8 Pictures of Test Arrangements



9 Information of the Testing Laboratories

We, Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch, were founded in 1988 to provide our best service in EMC, Radio, Telecom and Safety consultation. Our laboratories are FCC recognized accredited test firms and accredited according to ISO/IEC 17025.

If you have any comments, please feel free to contact us at the following:

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Fax: 886-2-26051924

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Fax: 886-3-3270892

Email: service.adt@bureauveritas.com

Web Site: <http://ee.bureauveritas.com.tw>

The address and road map of all our labs can be found in our web site also.

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