

Appendix C for KSCR220500077803

1. Frequency Error

1.1 Ant1

1.1.1 Test Result

Ant1							
ENV	Mode	TX Type	Frequency (MHz)	Measured Frequency (MHz)	Tolerance (ppm)		Verdict
					Result	Limit	
NTNV	Carrier Wave	SISO	2402	2401.996	-1.67	-50 to 50	Pass
			2440	2439.986	-5.74	-50 to 50	Pass
			2480	2479.980	-8.06	-50 to 50	Pass

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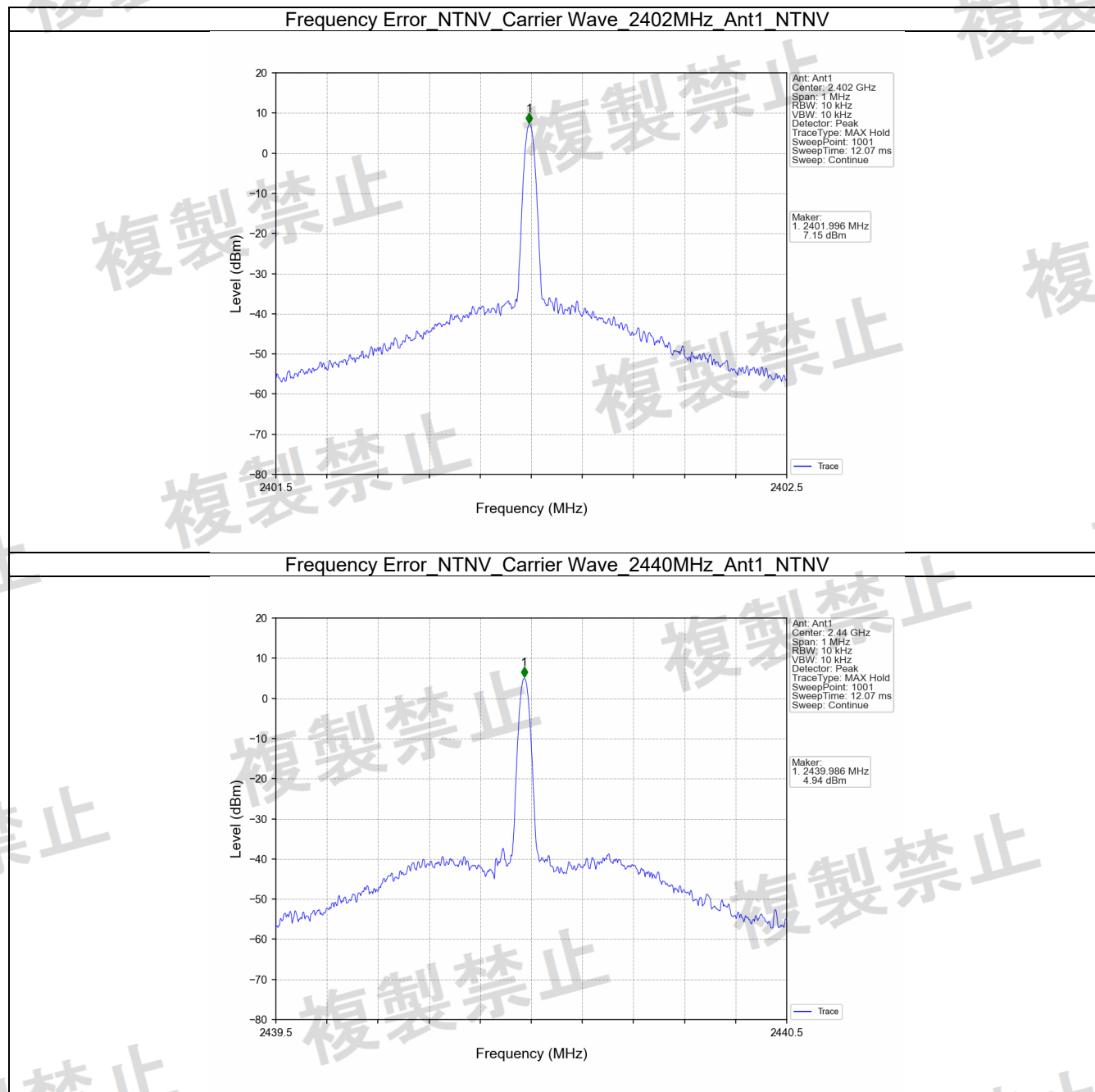
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1.1.2 Test Graph



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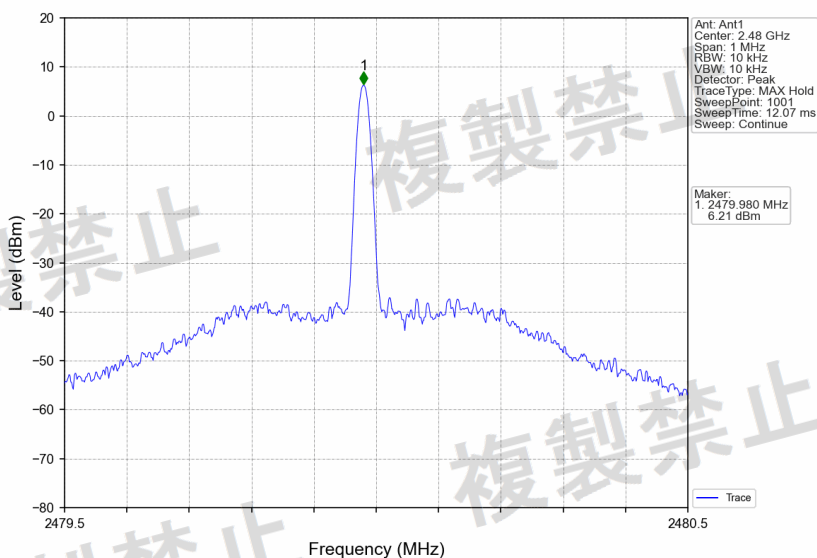
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Frequency Error_NTNV_Carrier Wave_2480MHz_Ant1_NTNV



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2. Occupied Bandwidth

2.1 OBW

2.1.1 Test Result

ENV	Mode	TX Type	Frequency (MHz)	99% Occupied Bandwidth (MHz)		Verdict
				ANT1	Limit	
NTNV	1M	SISO	2402	1.319	<=26	Pass
			2440	1.331	<=26	Pass
			2480	1.322	<=26	Pass
	2M	SISO	2402	2.106	<=26	Pass
			2440	2.108	<=26	Pass
			2480	2.104	<=26	Pass



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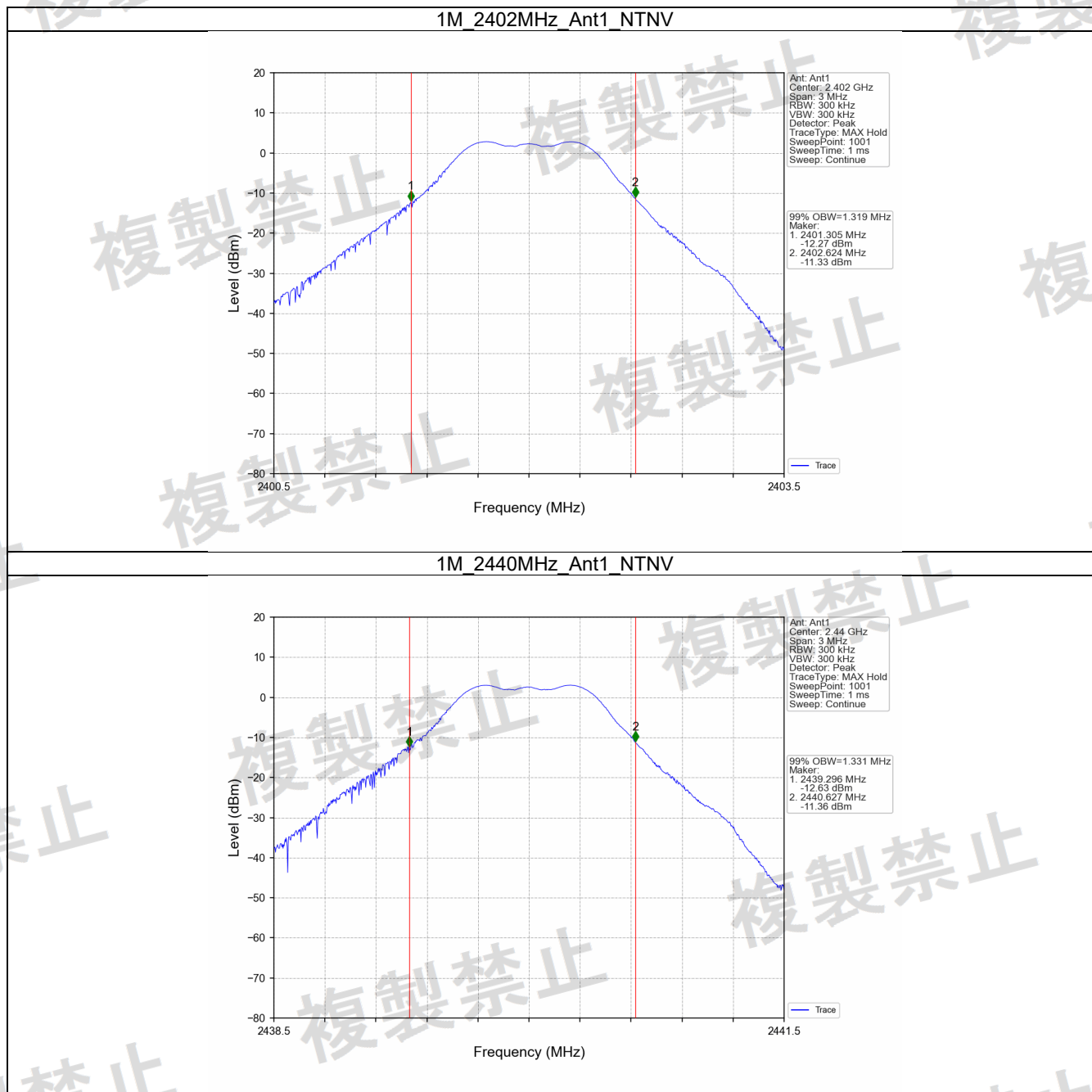
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2.1.2 Test Graph



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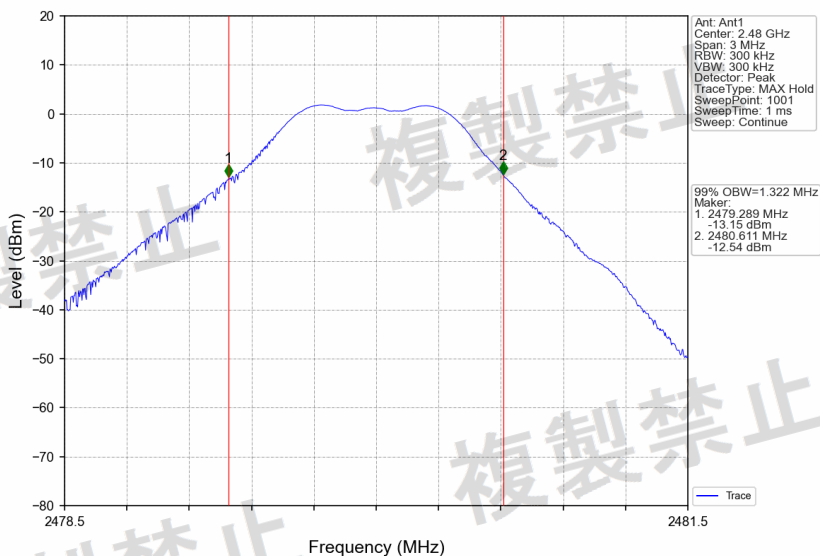
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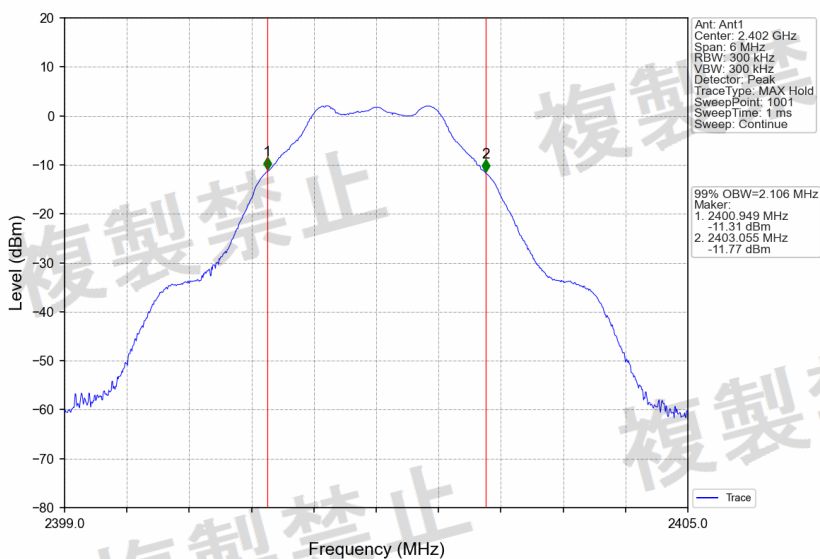
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1M_2480MHz_Ant1_NTNV



2M_2402MHz_Ant1_NTNV



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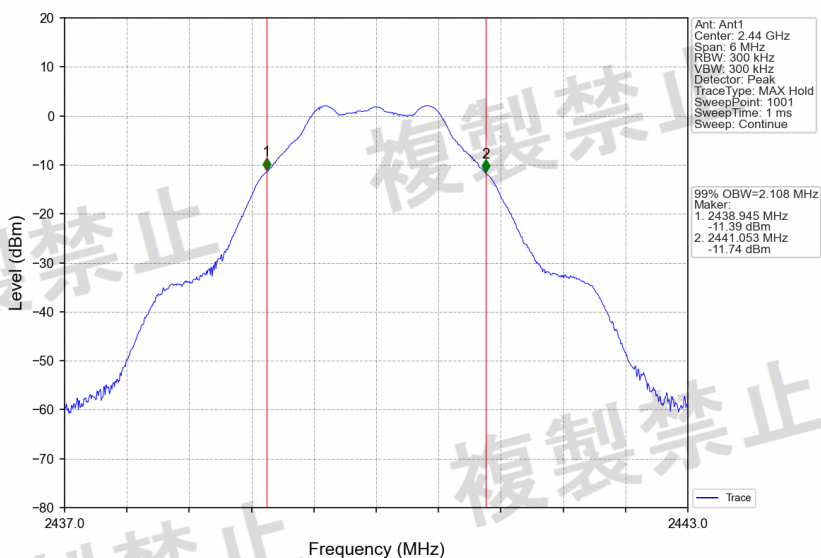
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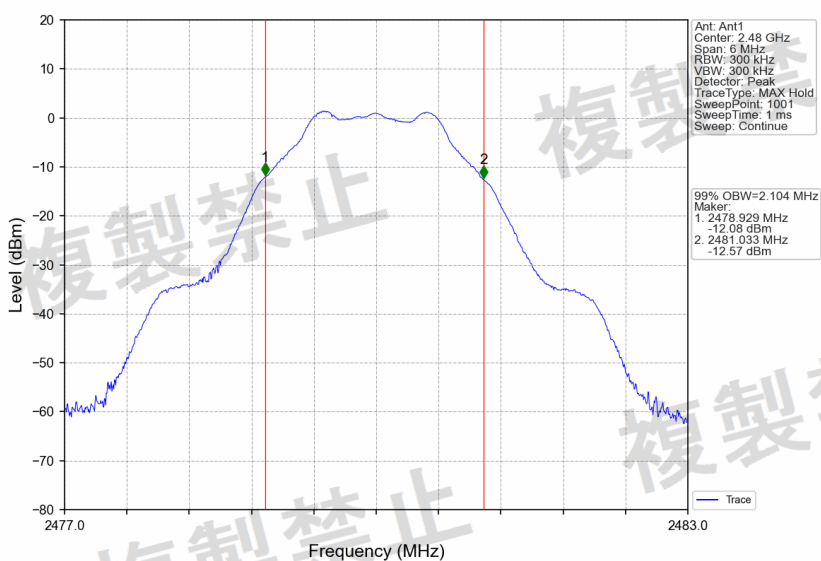
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2M_2440MHz_Ant1_NTNV



2M_2480MHz_Ant1_NTNV



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3. Antenna Power

3.1 Power

3.1.1 Test Result

ENV	Mode	TX Type	Frequency (MHz)	ANT	Antenna Power (mW)		Nominal Power (mW)	Tolerance (%)		Verdict
					Measured	Limit		Measured	Limit	
NTNV	1M	SISO	2402	1	1.746	<=10.00	1.700	2.70	-80 to 20	Pass
			2440	1	1.786	<=10.00	1.700	5.09	-80 to 20	Pass
			2480	1	1.300	<=10.00	1.700	-23.52	-80 to 20	Pass
	2M	SISO	2402	1	1.365	<=10.00	1.400	-2.53	-80 to 20	Pass
			2440	1	1.409	<=10.00	1.400	0.66	-80 to 20	Pass
			2480	1	1.104	<=10.00	1.400	-21.14	-80 to 20	Pass

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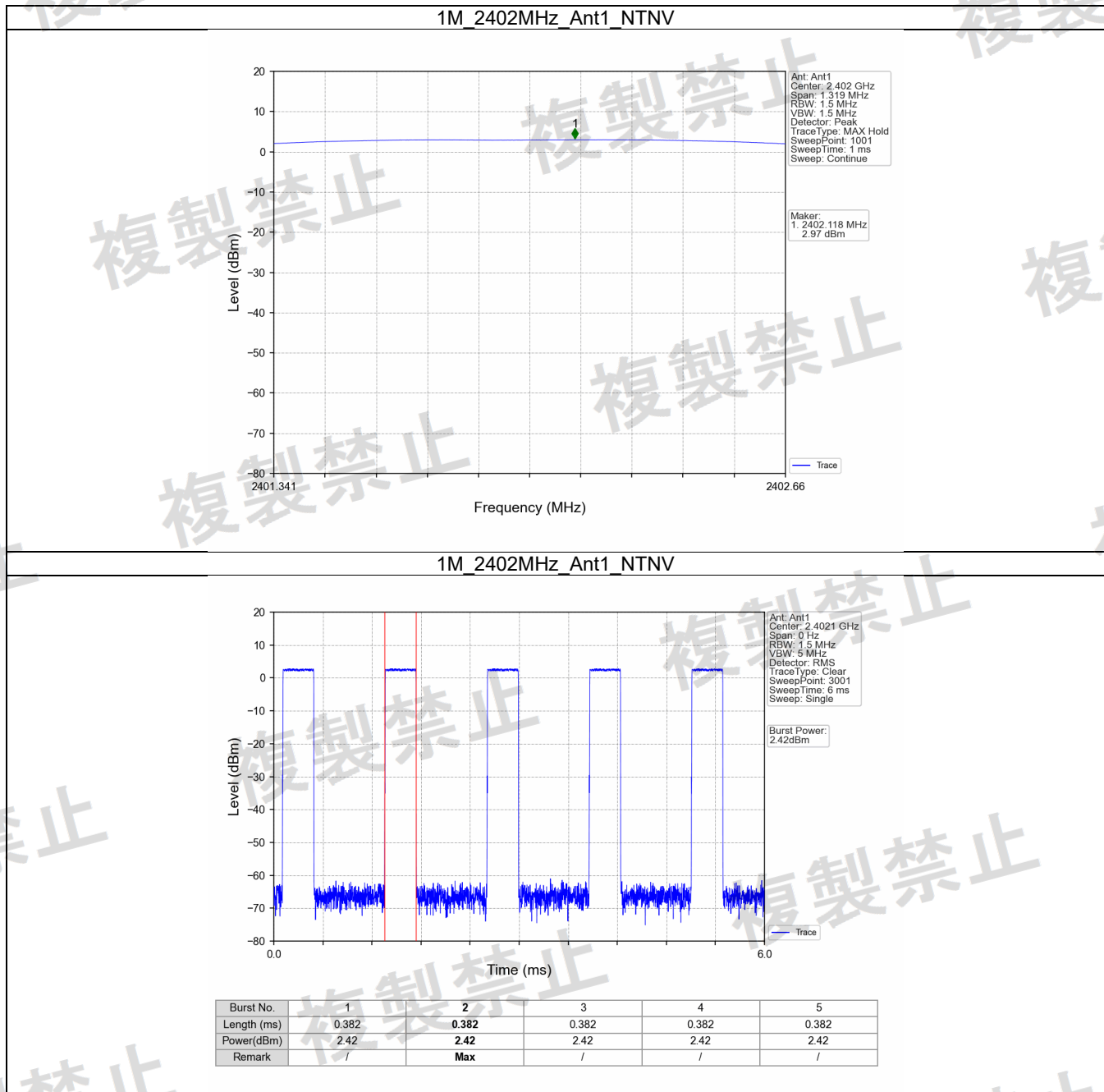
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3.1.2 Test Graph



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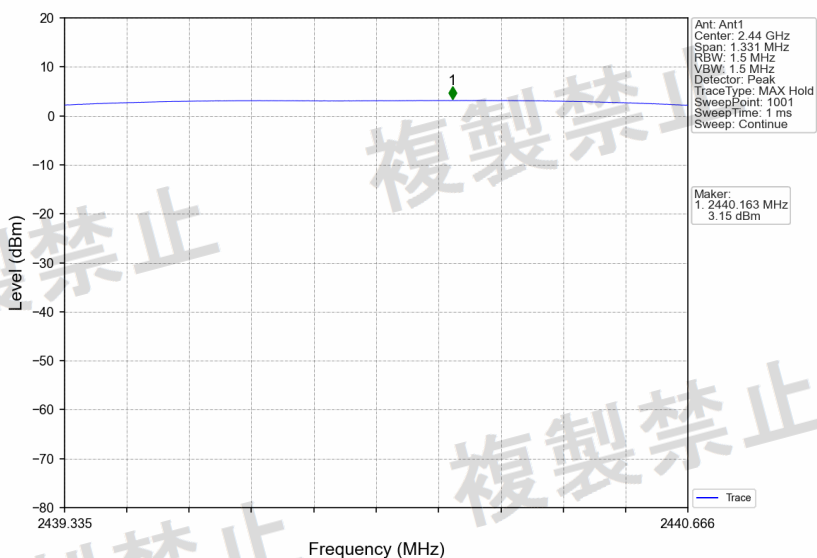
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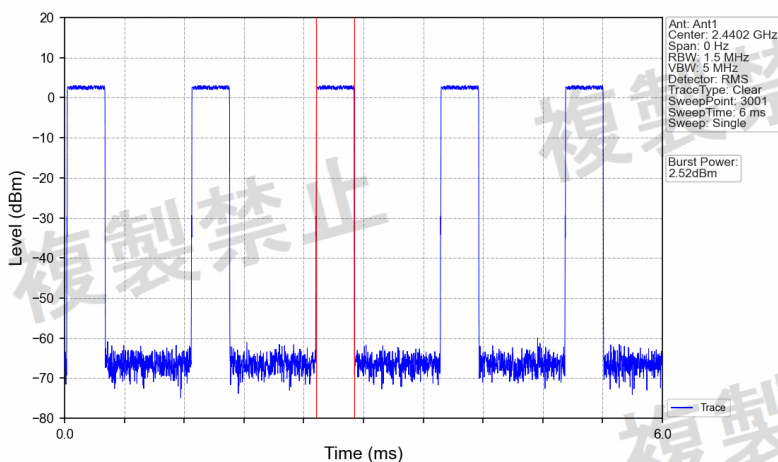
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1M_2440MHz_Ant1_NTNV



1M_2440MHz_Ant1_NTNV



Burst No.	1	2	3	4	5
Length (ms)	0.384	0.382	0.382	0.384	0.382
Power(dBm)	2.49	2.51	2.52	2.49	2.51
Remark	/	/	Max	/	/

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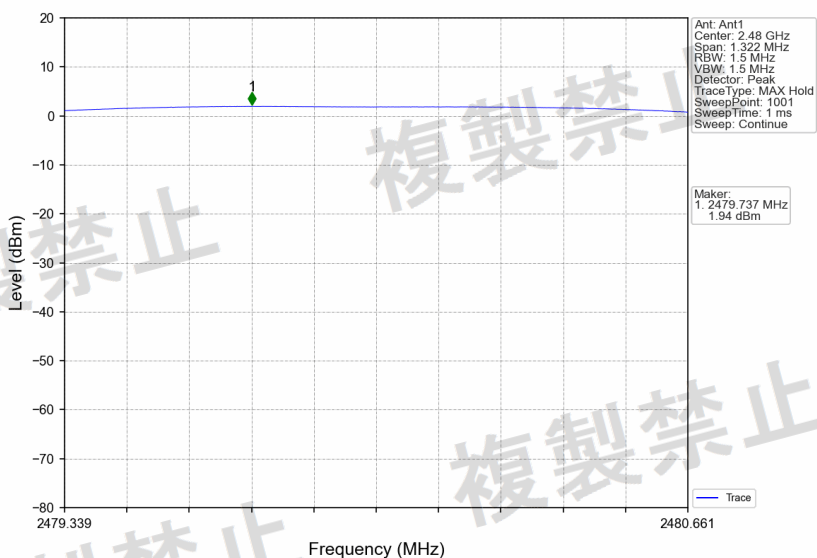
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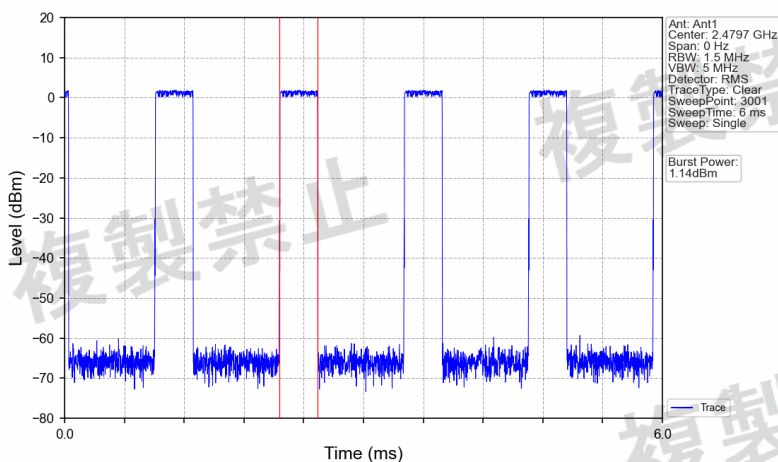
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1M_2480MHz_Ant1_NTNV



Burst No.	1	2	3	4
Length (ms)	0.384	0.384	0.384	0.384
Power(dBm)	1.13	1.14	1.14	1.13
Remark	/	Max	/	/

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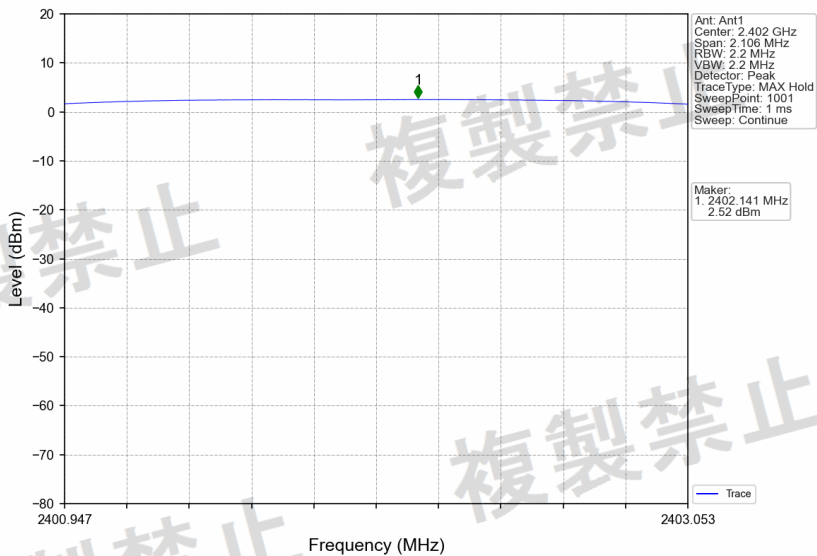
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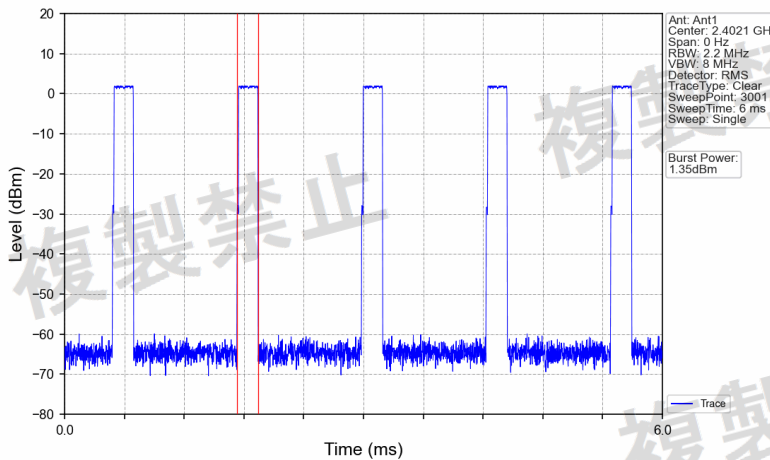
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2M_2402MHz_Ant1_NTNV



2M_2402MHz_Ant1_NTNV



Burst No.	1	2	3	4	5
Length (ms)	0.210	0.210	0.210	0.210	0.210
Power(dBm)	1.34	1.35	1.35	1.35	1.35
Remark	/	Max	/	/	/

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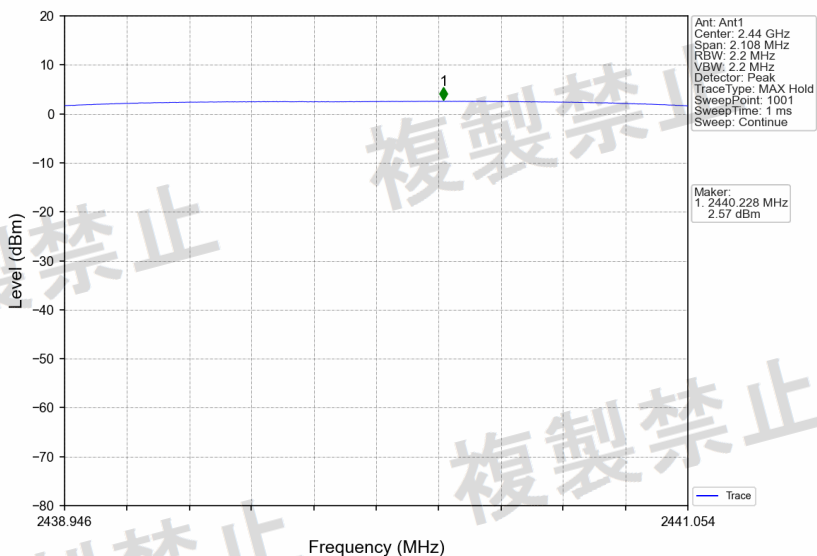
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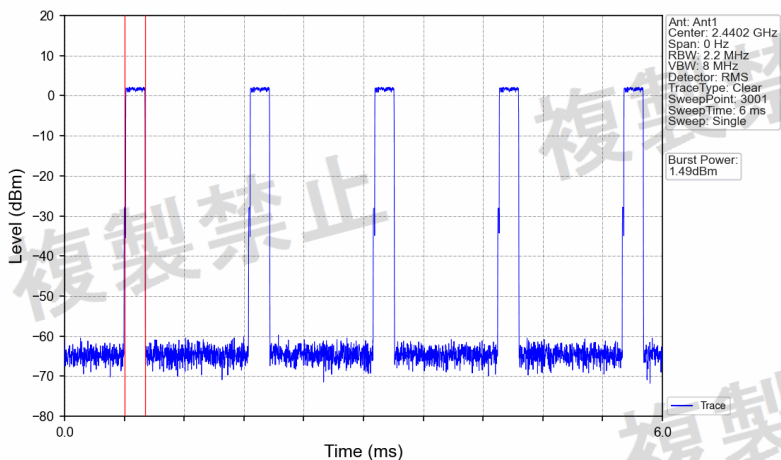
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2M_2440MHz_Ant1_NTNV



2M_2440MHz_Ant1_NTNV



Burst No.	1	2	3	4	5
Length (ms)	0.202	0.204	0.204	0.202	0.202
Power(dBm)	1.49	1.43	1.44	1.48	1.48
Remark	Max	/	/	/	/

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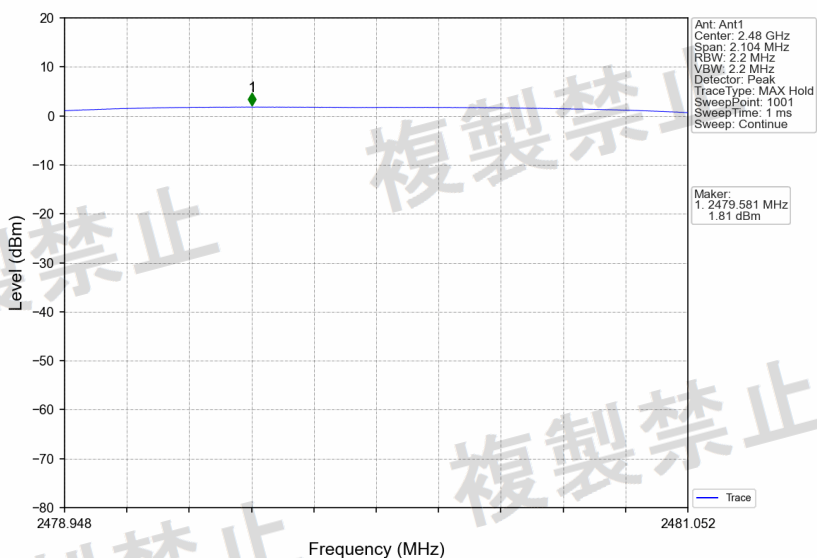
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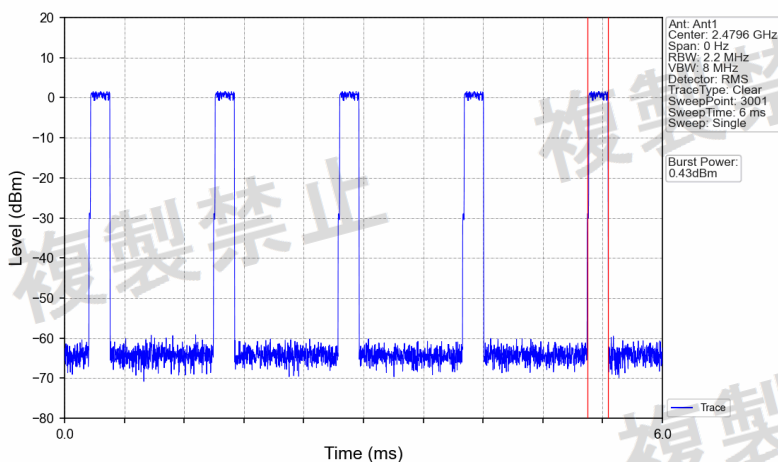
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2M_2480MHz_Ant1_NTNV



2M_2480MHz_Ant1_NTNV



Burst No.	1	2	3	4	5
Length (ms)	0.210	0.210	0.210	0.210	0.210
Power(dBm)	0.42	0.42	0.42	0.40	0.43
Remark	/	/	/	/	Max

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3.2 EIRP

3.2.1 Test Result

ENV	Mode	TX Type	Frequency (MHz)	ANT	Gain (dbi)	EIRP (mW)		Verdict
						Result	Limit	
NTNV	1M	SISO	2402	1	-5.98	0.441	Only For Report	Pass
			2440	1	-5.98	0.451	Only For Report	Pass
			2480	1	-5.98	0.328	Only For Report	Pass
	2M	SISO	2402	1	-5.98	0.344	Only For Report	Pass
			2440	1	-5.98	0.356	Only For Report	Pass
			2480	1	-5.98	0.279	Only For Report	Pass

4. Spurious Emission Intensity

4.1 TXSE

4.1.1 Test Result

ENV	Mode	TX Type	Frequency (MHz)	ANT	Test Result	Limit	Verdict
NTNV	1M	SISO	2402	1	Refer To Test Graph		Pass
			2440	1	Refer To Test Graph		Pass
			2480	1	Refer To Test Graph		Pass
	2M	SISO	2402	1	Refer To Test Graph		Pass
			2440	1	Refer To Test Graph		Pass
			2480	1	Refer To Test Graph		Pass

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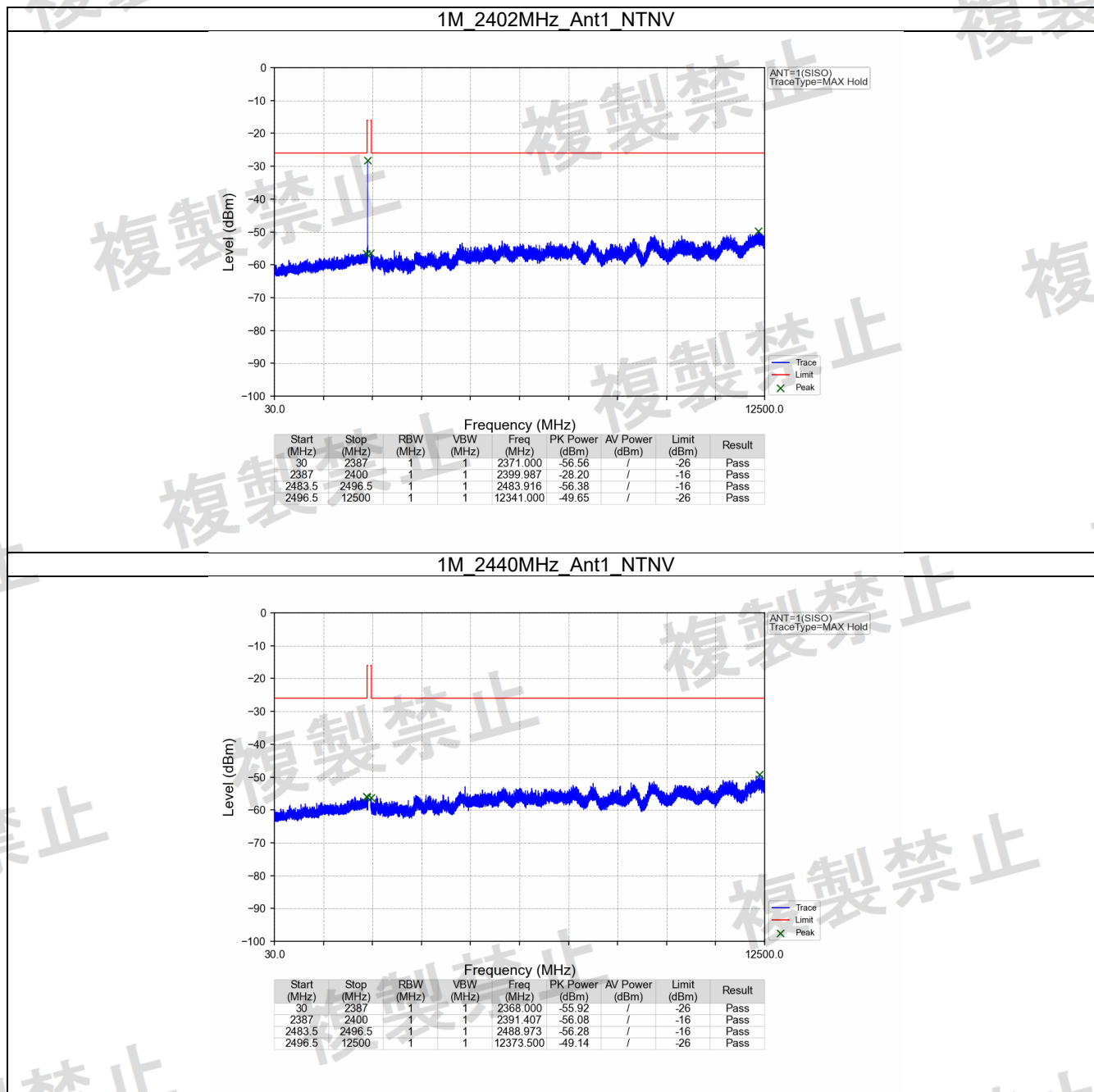
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4.1.2 Test Graph



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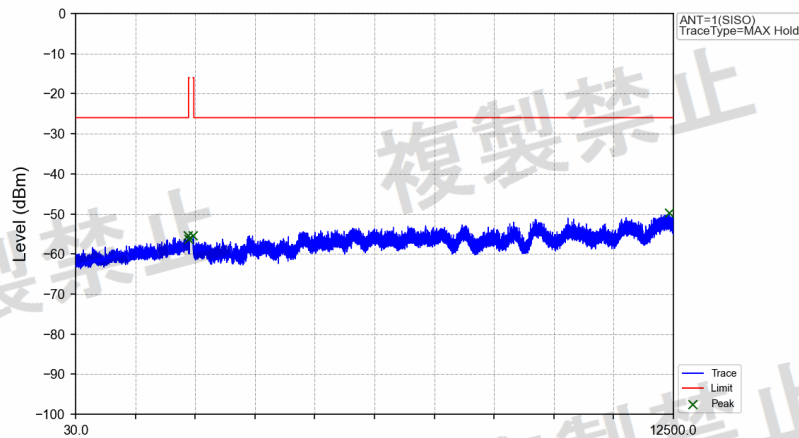
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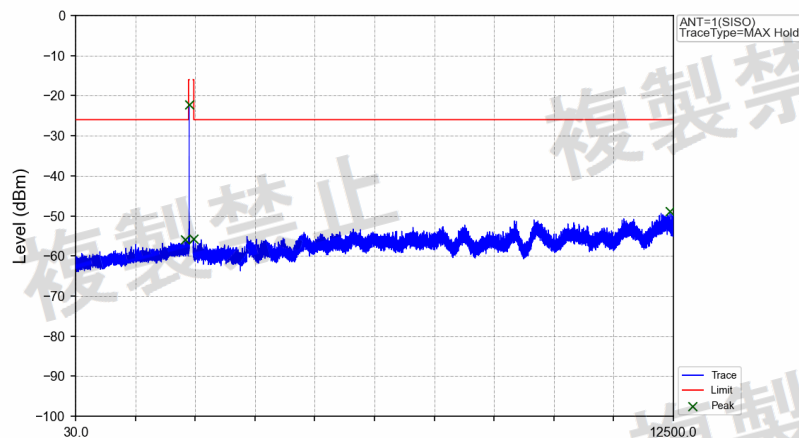
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1M_2480MHz_Ant1_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Limit (dBm)	Result
30	2387	1	1	2373.500	-55.43	/	-26	Pass
2387	2400	1	1	2393.123	-56.23	/	-16	Pass
2483.5	2496.5	1	1	2483.669	-55.35	/	-16	Pass
2496.5	12500	1	1	12407.500	-49.67	/	-26	Pass

2M_2402MHz_Ant1_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Limit (dBm)	Result
30	2387	1	1	2308.500	-55.93	/	-26	Pass
2387	2400	1	1	2400.000	-22.20	/	-16	Pass
2483.5	2496.5	1	1	2489.064	-55.76	/	-16	Pass
2496.5	12500	1	1	12431.000	-48.79	/	-26	Pass

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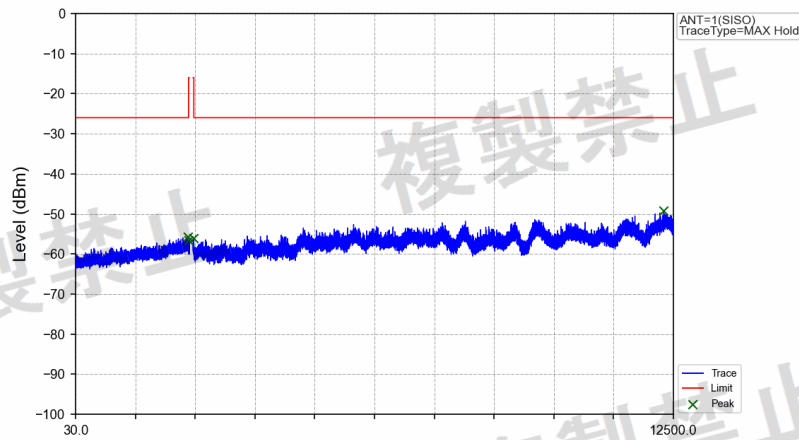
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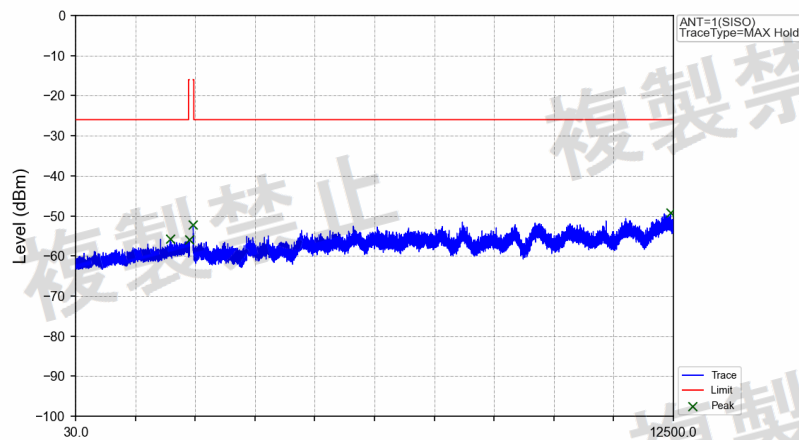
Compliance Certification Services (Kunshan) Inc.
EMC Laboratory

2M_2440MHz_Ant1_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Limit (dBm)	Result
30	2387	1	1	2369.000	-55.67	/	-26	Pass
2387	2400	1	1	2390.978	-56.62	/	-16	Pass
2483.5	2496.5	1	1	2490.091	-56.03	/	-16	Pass
2496.5	12500	1	1	12299.000	-49.16	/	-26	Pass

2M_2480MHz_Ant1_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Limit (dBm)	Result
30	2387	1	1	2003.500	-55.77	/	-26	Pass
2387	2400	1	1	2397.673	-55.95	/	-16	Pass
2483.5	2496.5	1	1	2483.591	-52.15	/	-16	Pass
2496.5	12500	1	1	12440.500	-49.28	/	-26	Pass

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5. Secondary Radiated Emission

5.1 RXSE

5.1.1 Test Result

ENV	Mode	TX Type	Frequency (MHz)	ANT	Test Result	Limit	Verdict
NTNV	1M	SISO	2402	1	Refer To Test Graph		Pass
			2440	1	Refer To Test Graph		Pass
			2480	1	Refer To Test Graph		Pass
	2M	SISO	2402	1	Refer To Test Graph		Pass
			2440	1	Refer To Test Graph		Pass
			2480	1	Refer To Test Graph		Pass

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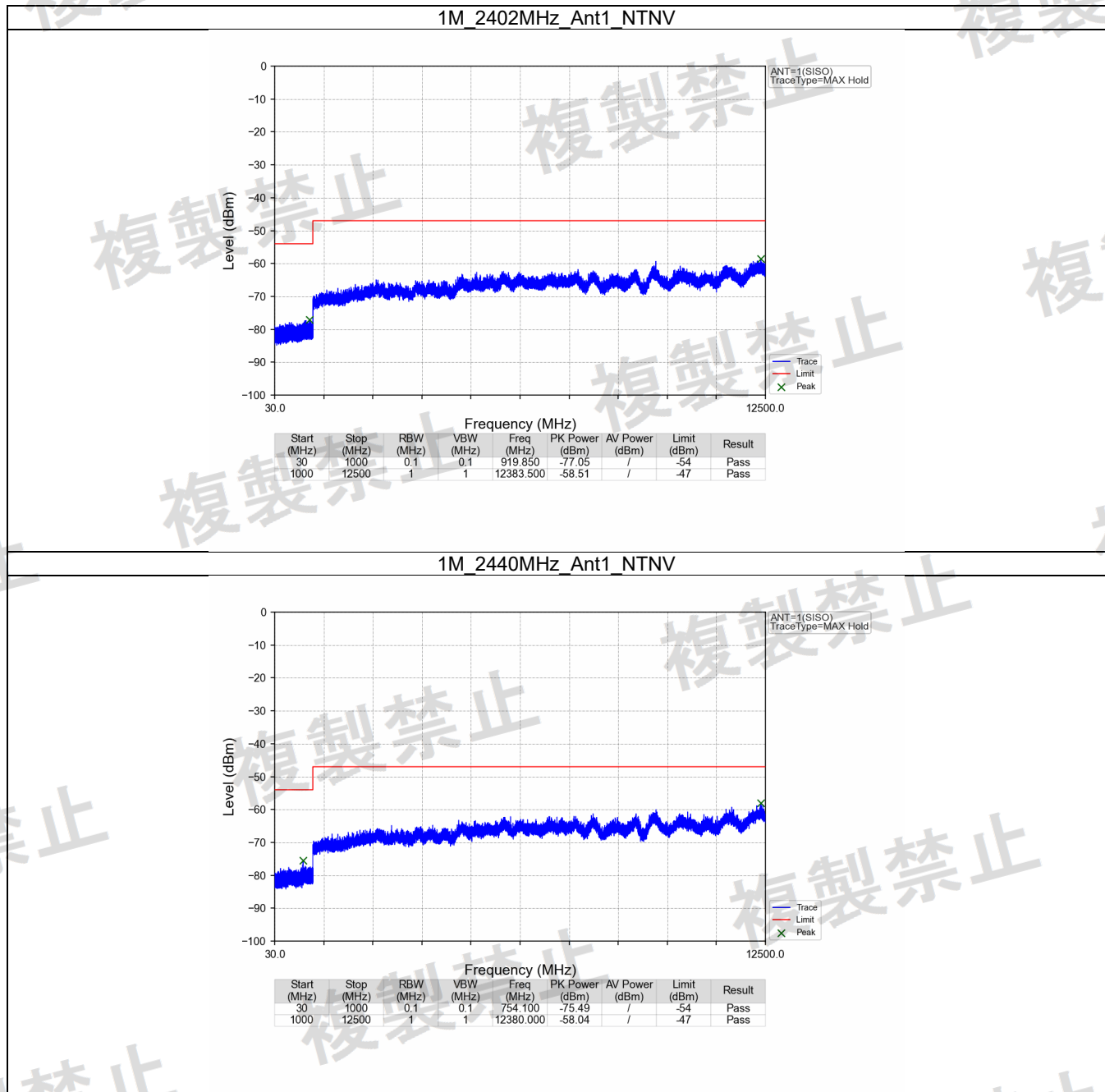
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5.1.2 Test Graph



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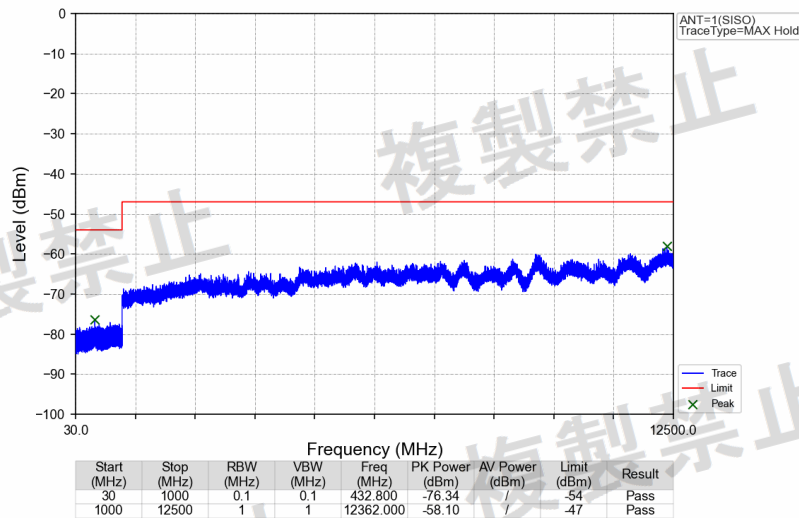
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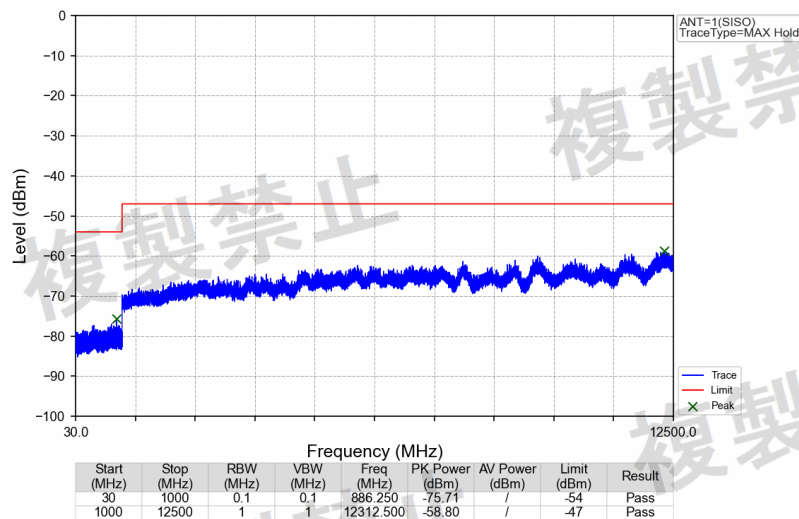
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2M_2402MHz_Ant1_NTNV



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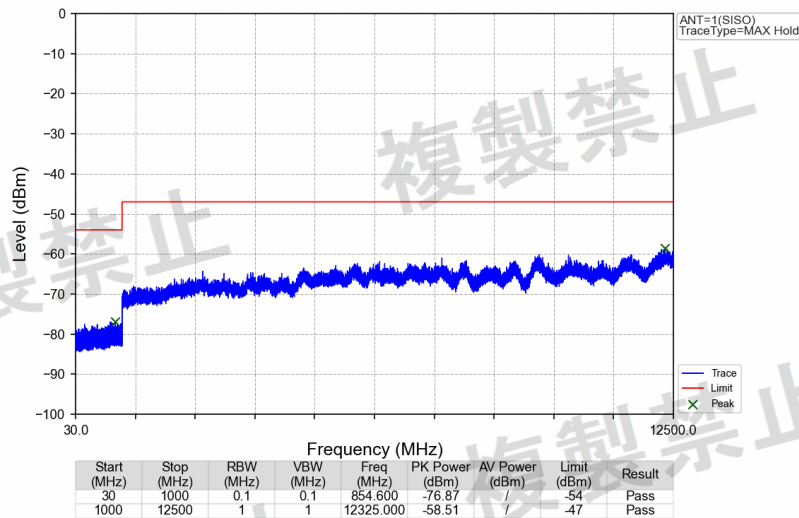
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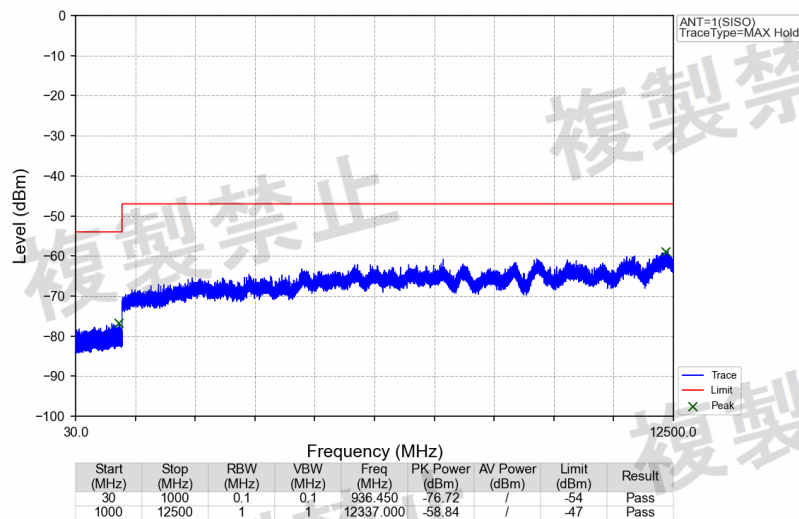
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