



1. Frequency Error

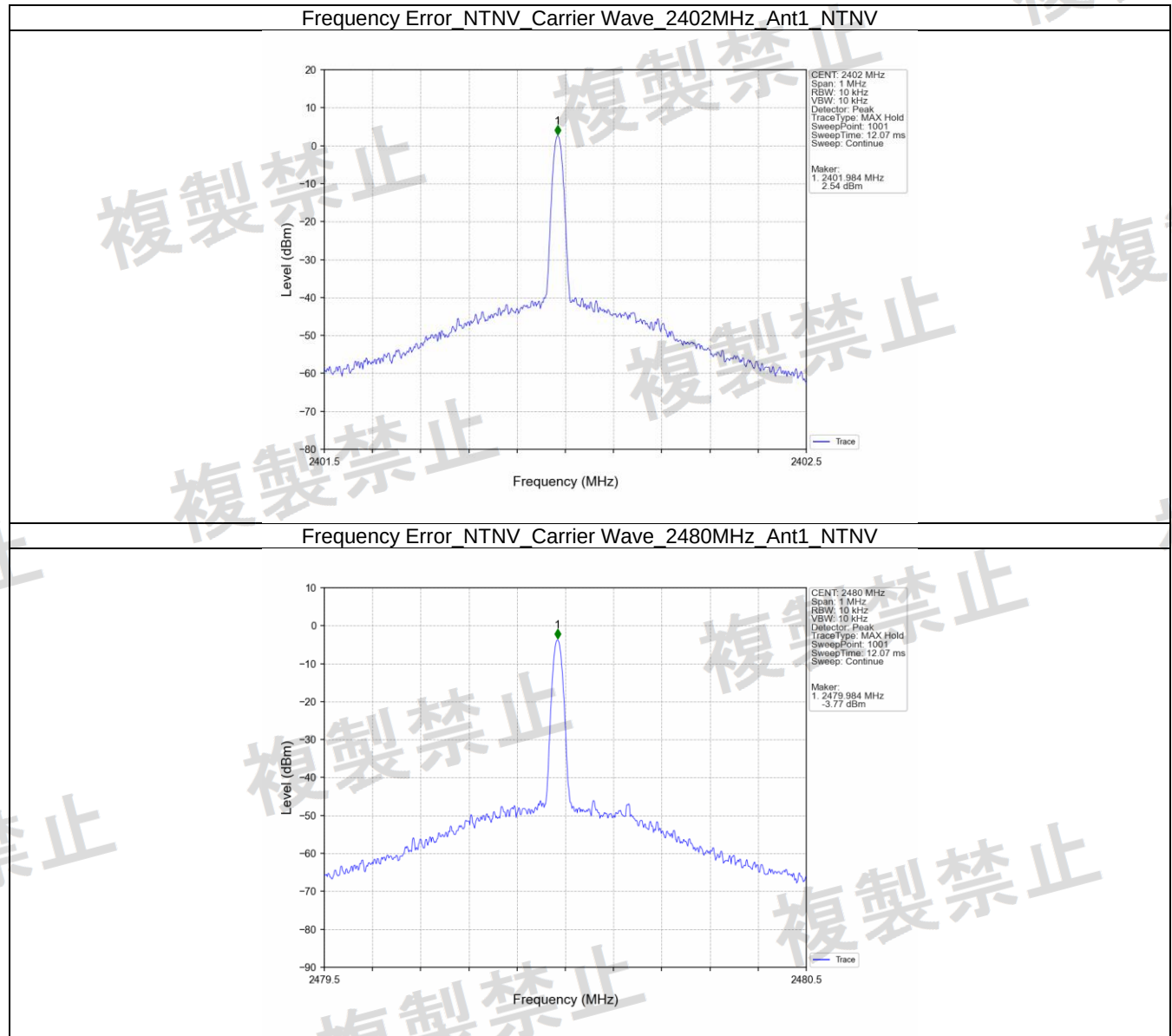
1.1 Test Result

1.1.1 Ant1

Ant1							
ENV	Mode	TX Type	Frequency (MHz)	Measured Frequency (MHz)	Tolerance (ppm)		Verdict
					Result	Limit	
NTNV	Carrier Wave	SISO	2402	2401.984	-6.66	-50 to 50	Pass
			2480	2479.984	-6.45	-50 to 50	Pass

1.2 Test Graph

1.2.1 Ant1





2. Occupied Bandwidth

2.1 Test Result

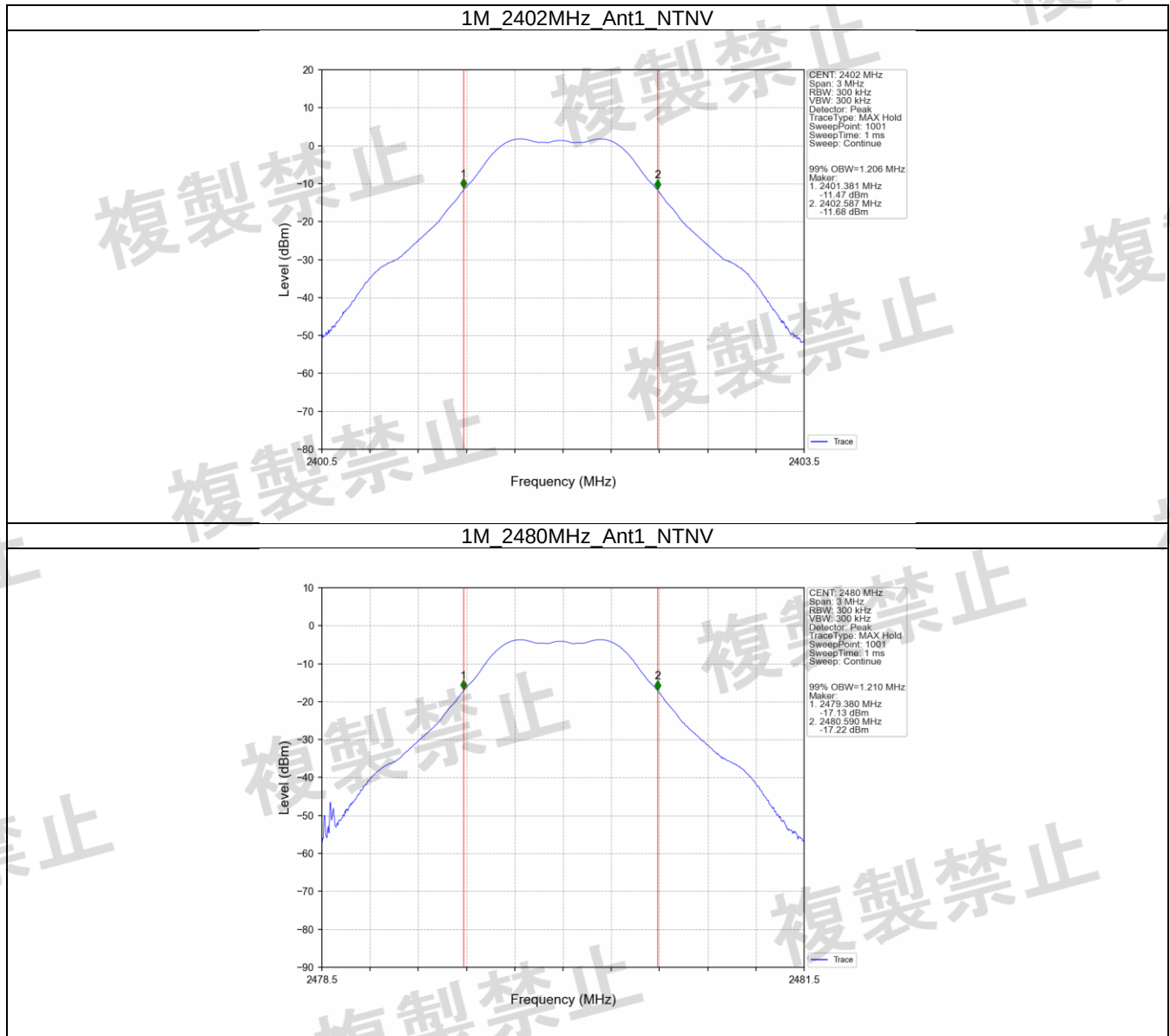
2.1.1 OBW

ENV	Mode	TX Type	Frequency (MHz)	99% Occupied Bandwidth (MHz)		Verdict
				ANT1	Limit	
NTNV	1M	SISO	2402	1.206	≤ 26	Pass
			2480	1.210	≤ 26	Pass
	2M	SISO	2402	2.131	≤ 26	Pass
			2480	2.137	≤ 26	Pass



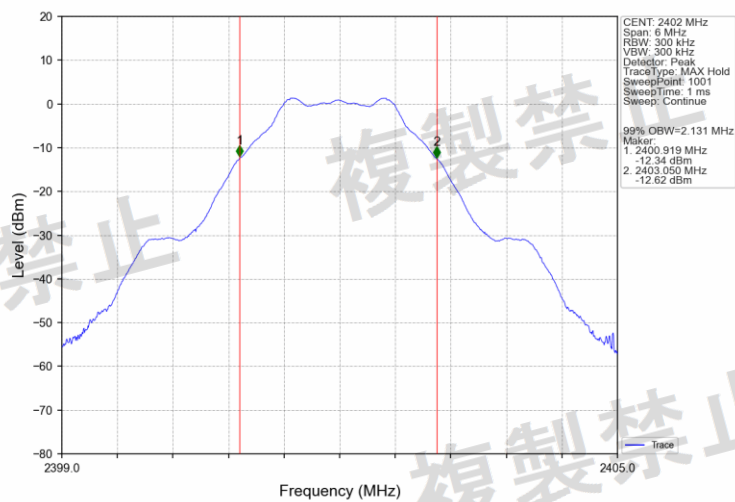
2.2 Test Graph

2.2.1 OBW

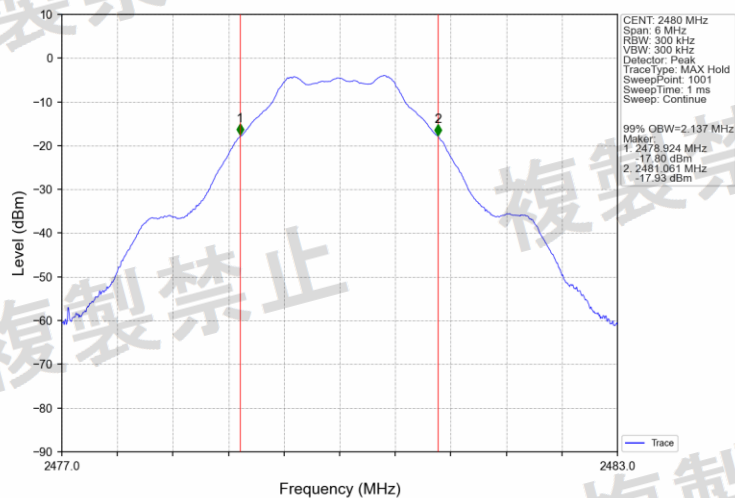




2M_2402MHz_Ant1_NTNV



2M_2480MHz_Ant1_NTNV





3. Antenna Power

3.1 Test Result

3.1.1 Power

ENV	Mode	TX Type	Frequency (MHz)	ANT	Antenna Power (mW)		Nominal Power (mW)	Tolerance (%)		Verdict
					Measured	Limit		Measured	Limit	
NTNV	1M	SISO	2402	1	1.301	≤ 10.00	1.500	-13.27	≤ 20	Pass
			2480	1	0.369	≤ 10.00	1.500	-75.40	≤ 20	Pass
	2M	SISO	2402	1	1.135	≤ 10.00	1.500	-24.33	≤ 20	Pass
			2480	1	0.323	≤ 10.00	1.500	-78.47	≤ 20	Pass

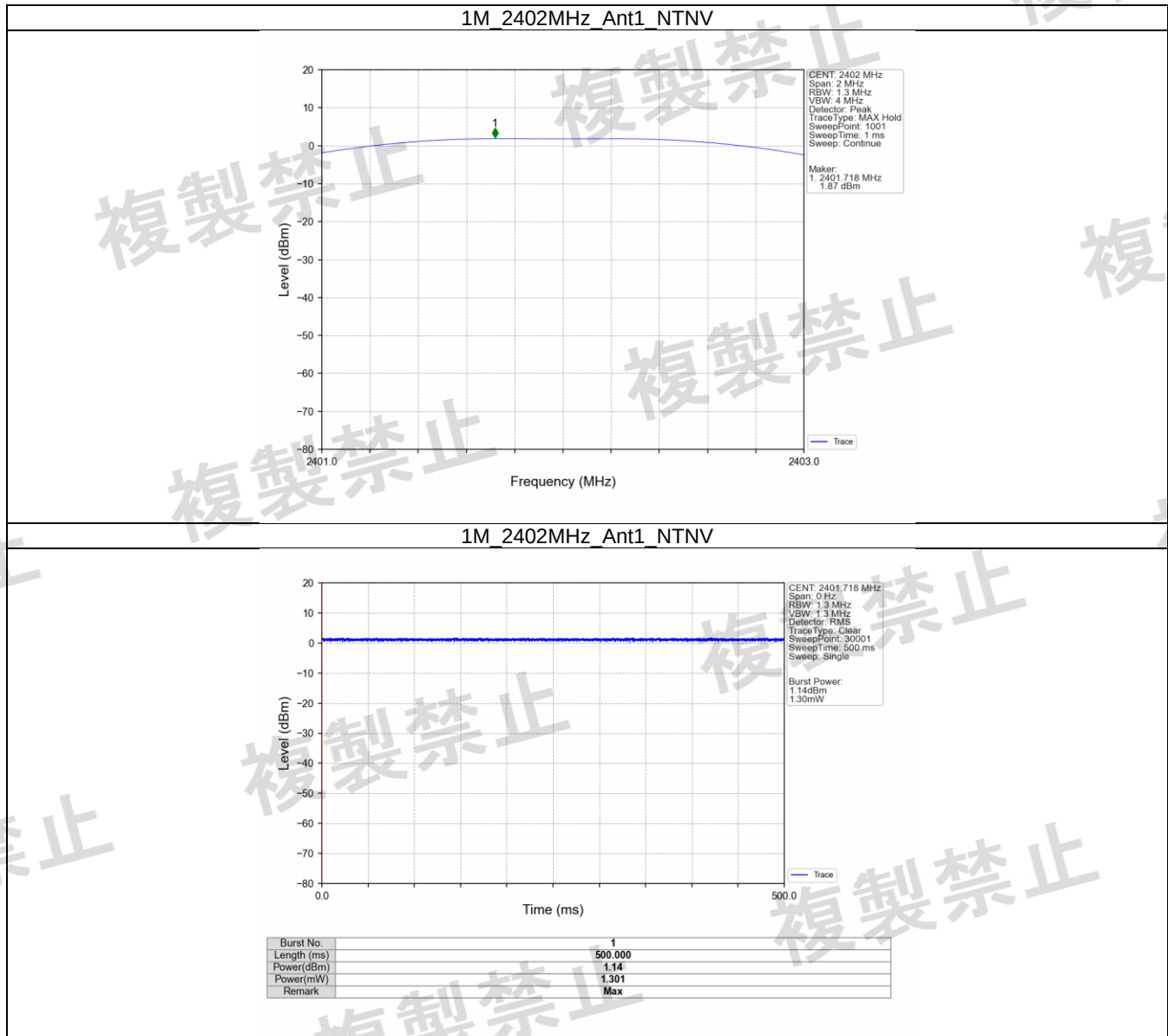
3.1.2 EIRP

ENV	Mode	TX Type	Frequency (MHz)	ANT	Gain (dBi)	EIRP (dBm)		Verdict
						Result	Limit	
NTNV	1M	SISO	2402	1	2.00	3.14	≤ 12.14	Pass
			2480	1	2.00	-2.33	≤ 12.14	Pass
	2M	SISO	2402	1	2.00	2.55	≤ 12.14	Pass
			2480	1	2.00	-2.91	≤ 12.14	Pass



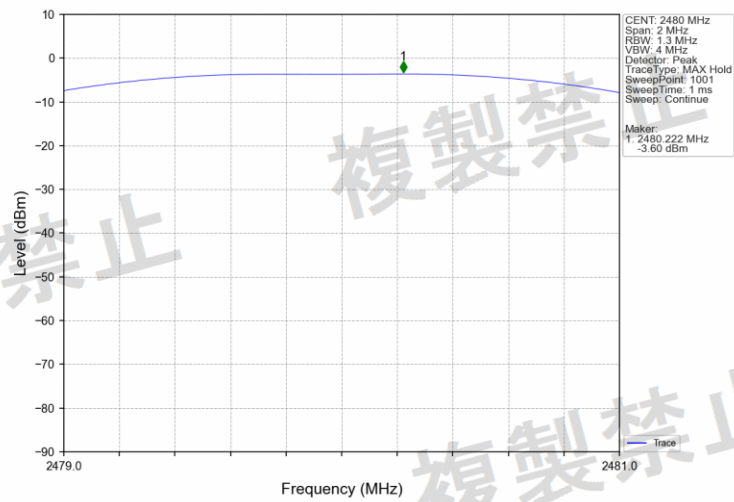
3.2 Test Graph

3.2.1 Power

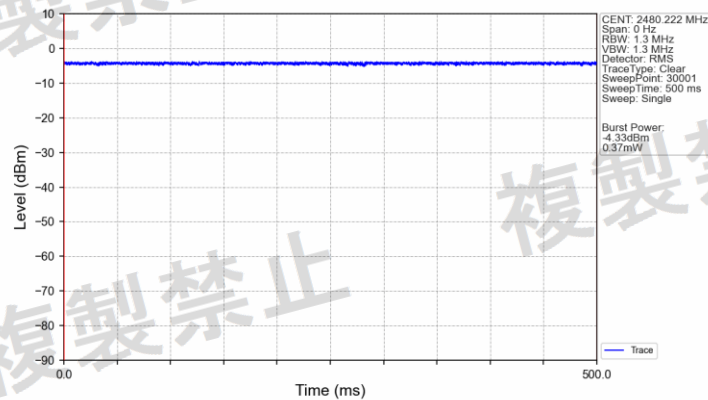




1M_2480MHz_Ant1_NTNV



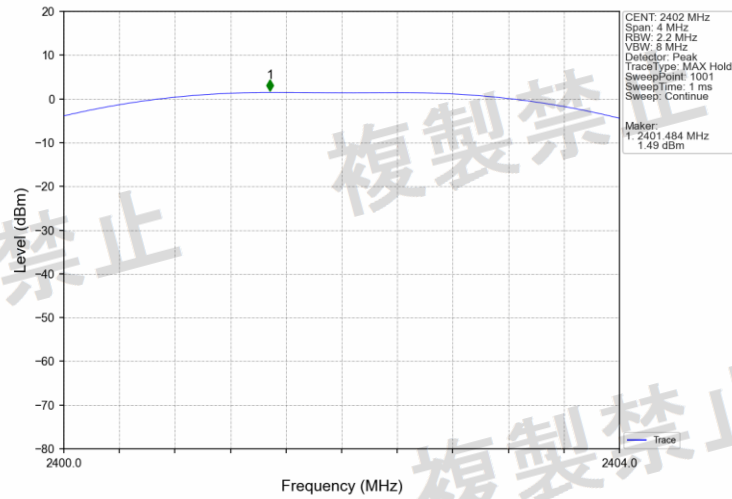
1M_2480MHz_Ant1_NTNV



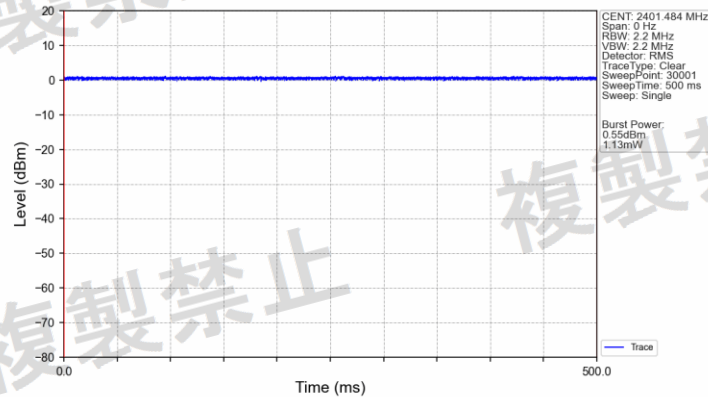
Burst No	1
Length (ms)	500.000
Power(dBm)	-4.33
Power(mW)	0.369
Remark	Max



2M_2402MHz_Ant1_NTNV



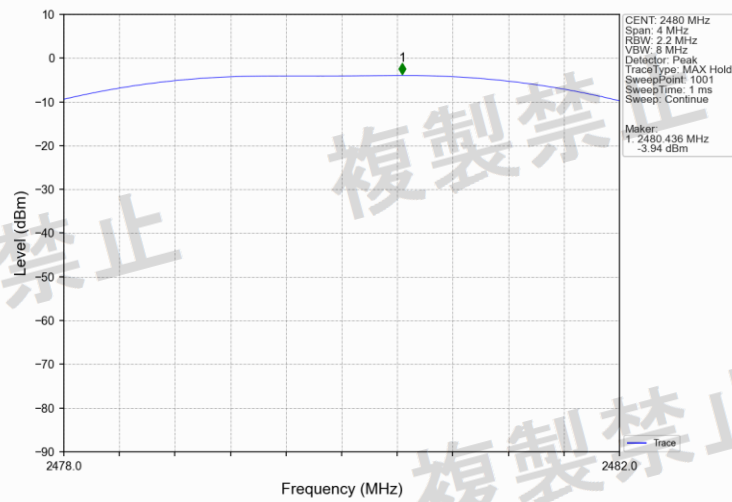
2M_2402MHz_Ant1_NTNV



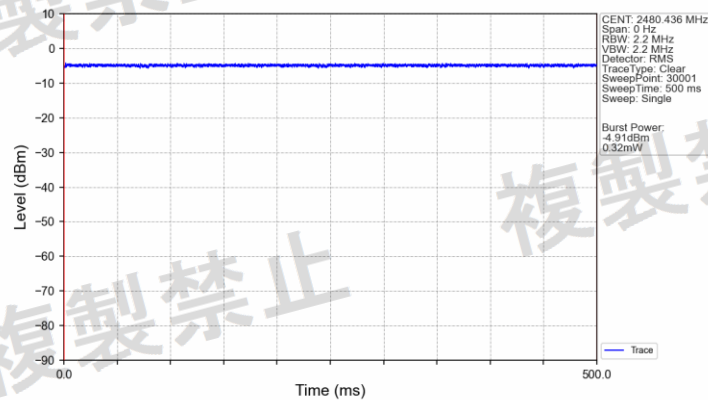
Burst No.	1
Length (ms)	500.000
Power (dBm)	0.55
Power (mW)	1.135
Remark	Max



2M_2480MHz_Ant1_NTNV



2M_2480MHz_Ant1_NTNV



Burst No.	1
Length (ms)	500.000
Power (dBm)	-4.91
Power (mW)	0.323
Remark	Max

4. Spurious Emission Intensity

4.1 Test Result

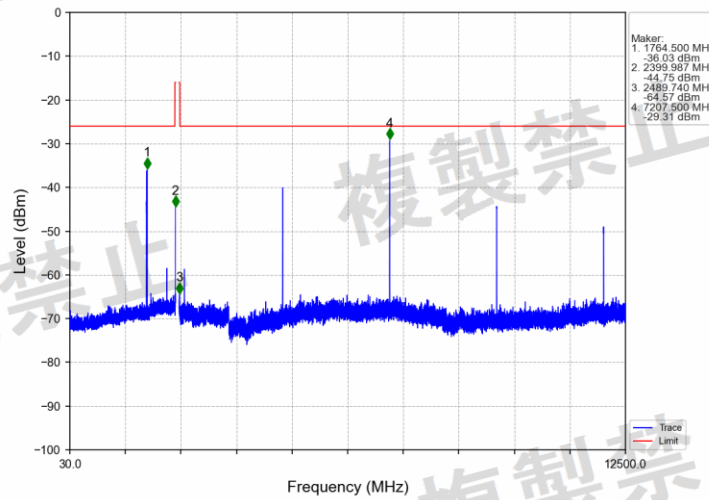
4.1.1 TxSe_NTNV

NTNV												
Mode	TX Type	Freq. (MHz)	ANT	Freq. Range		Marker					Limit (uW /MHz)	Verdict
				Start (MHz)	Stop (MHz)	Freq. (MHz)	PK Power (dBm /MHz)	PK Power (uW /MHz)	AV Power (dBm /MHz)	AV Power (uW /MHz)		
1M	SISO	2402	1	30	2387	1764.5	-36.03	0.249	/	/	2.5	Pass
				2387	2400	2399.987	-44.75	0.033	/	/	25	Pass
				2483.5	2496.5	2489.74	-64.57	0.000	/	/	25	Pass
				2496.5	12500	7207.5	-29.31	1.172	/	/	2.5	Pass
		2480	1	30	2387	1756.5	-29.06	1.242	/	/	2.5	Pass
				2387	2400	2391.277	-65.16	0.000	/	/	25	Pass
				2483.5	2496.5	2485.151	-64.57	0.000	/	/	25	Pass
				2496.5	12500	7440	-34.21	0.379	/	/	2.5	Pass
2M	SISO	2402	1	30	2387	1747	-30.11	0.975	/	/	2.5	Pass
				2387	2400	2399.987	-21.35	7.328	/	/	25	Pass
				2483.5	2496.5	2488.453	-58.70	0.001	/	/	25	Pass
				2496.5	12500	4803.5	-27.41	1.816	-31.73	0.671	2.5	Pass
						7205	-21.79	6.622	-26.80	2.089	2.5	Pass
		2480	1	30	2387	2286.5	-56.56	0.002	/	/	2.5	Pass
				2387	2400	2392.902	-64.37	0.000	/	/	25	Pass
				2483.5	2496.5	2483.526	-56.60	0.002	/	/	25	Pass
				2496.5	12500	4961.5	-22.89	5.140	-31.62	0.689	2.5	Pass
						7439	-26.15	2.427	-31.60	0.692	2.5	Pass

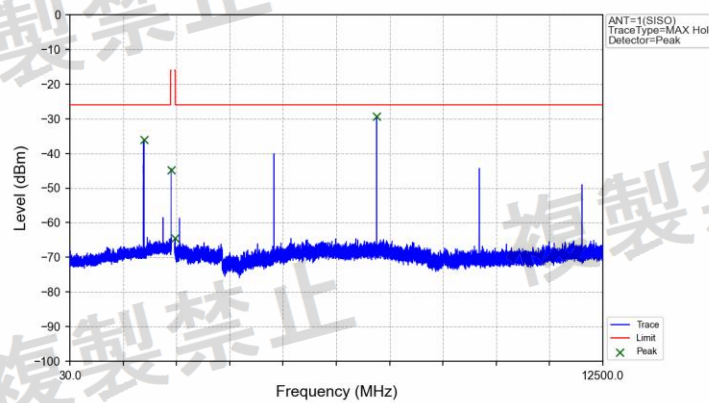
4.2 Test Graph

4.2.1 TxSe_NTNV

1M_2402MHz_Ant1_NTNV

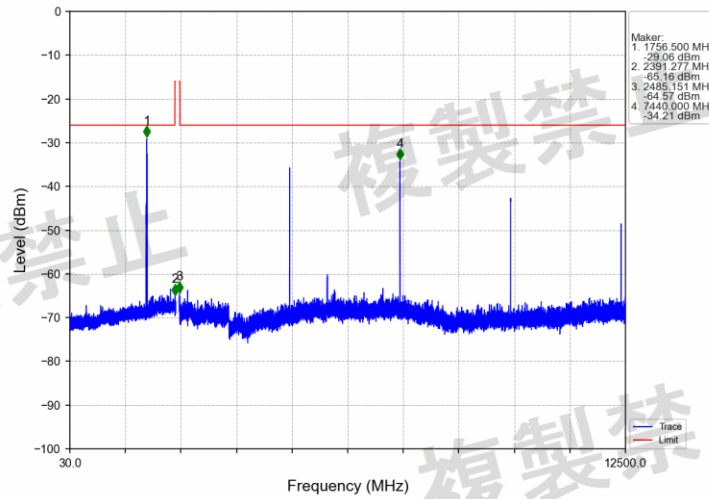


1M_2402MHz_Ant1_NTNV

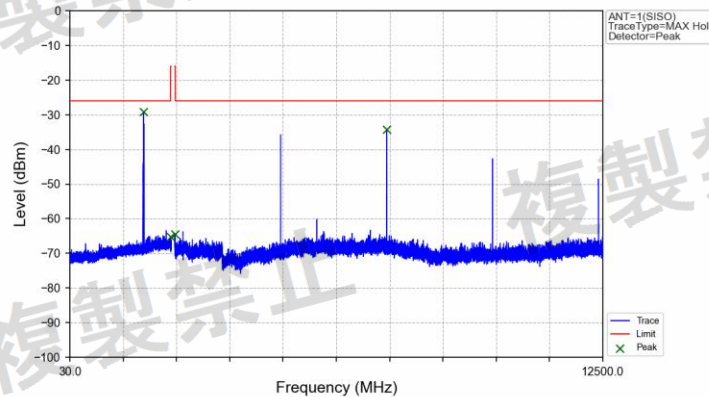


Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Limit (dBm)	Result
30	2387	1	1	1764.500	-36.03	/	-26	Pass
2387	2400	1	1	2399.987	-44.75	/	-16	Pass
2483.5	2496.5	1	1	2489.740	-64.57	/	-16	Pass
2496.5	12500	1	1	7207.500	-29.31	/	-26	Pass

1M_2480MHz_Ant1_NTNV



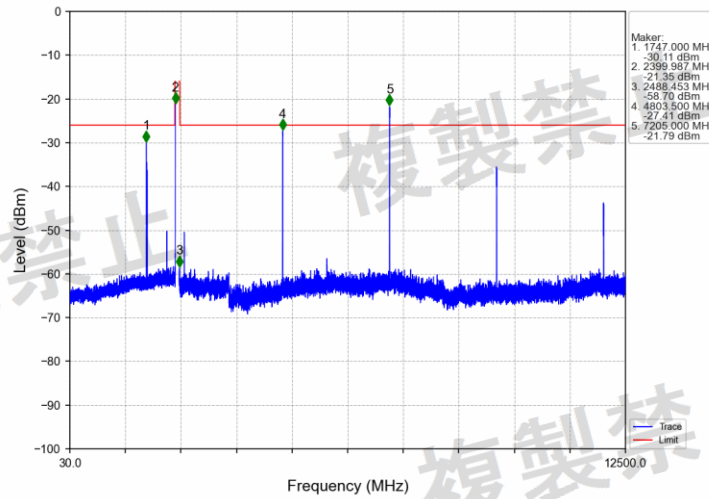
1M_2480MHz_Ant1_NTNV



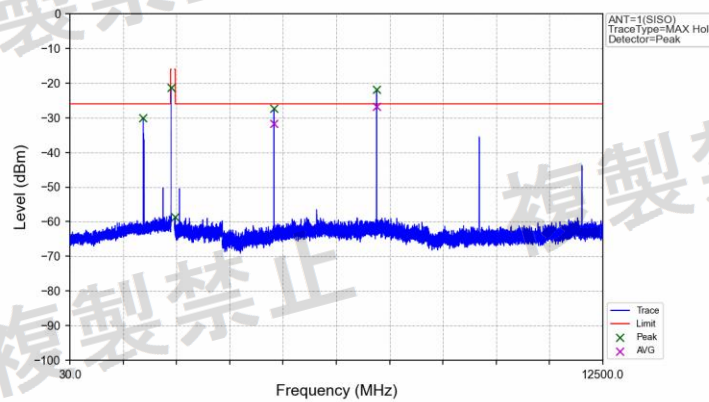
Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Limit (dBm)	Result
30	2387	1	1	1756.500	-29.06	/	-26	Pass
2387	2400	1	1	2391.277	-65.16	/	-16	Pass
2483.5	2496.5	1	1	2485.151	-64.57	/	-16	Pass
2496.5	12500	1	1	7440.000	-34.21	/	-26	Pass



2M_2402MHz_Ant1_NTNV



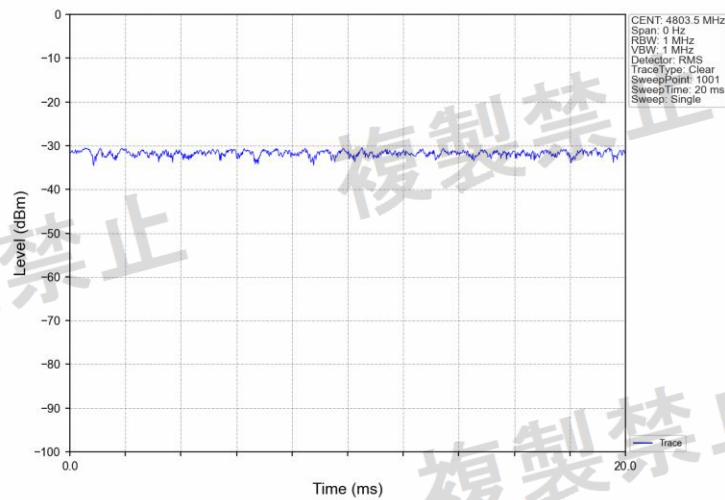
2M_2402MHz_Ant1_NTNV



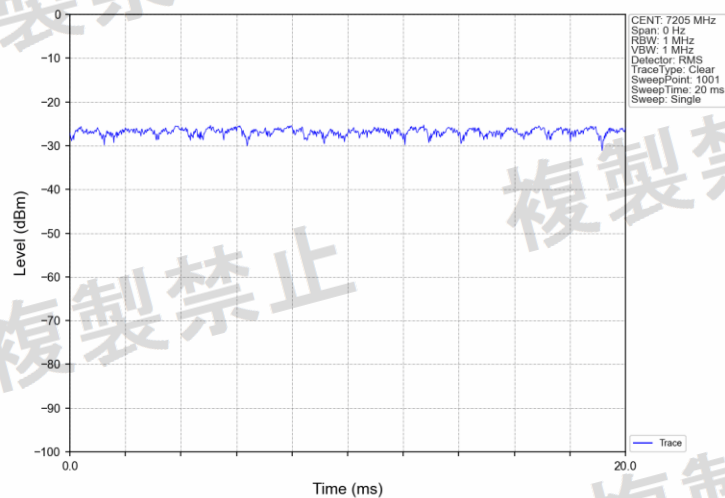
Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Limit (dBm)	Result
30	2387	1	1	1747.000	-30.11	/	-26	Pass
2387	2400	1	1	2399.987	-21.35	/	-16	Pass
2483.5	2496.5	1	1	2488.453	-58.70	/	-16	Pass
2496.5	12500	1	1	4803.500	-27.41	-31.73	-26	Pass
2496.5	12500	1	1	7205.000	-21.79	-26.80	-26	Pass



2M_2402MHz_Ant1_NTNV

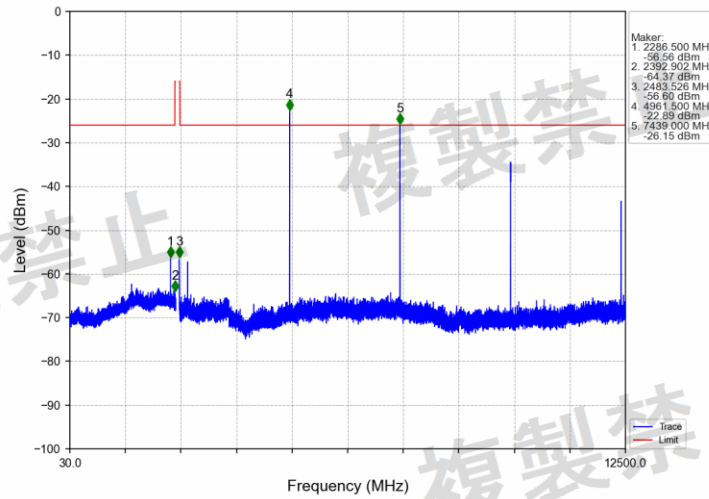


2M_2402MHz_Ant1_NTNV

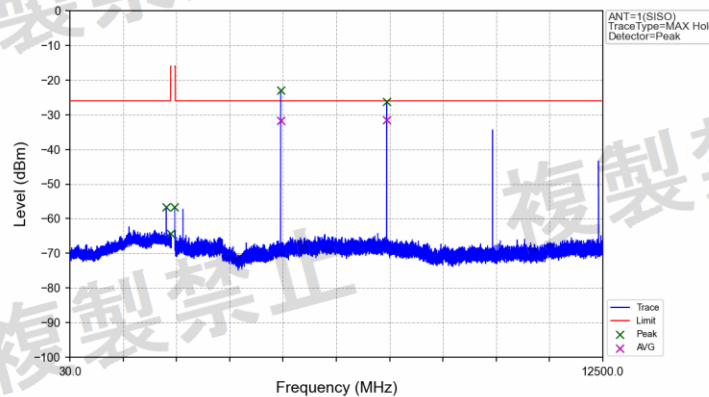




2M_2480MHz_Ant1_NTNV



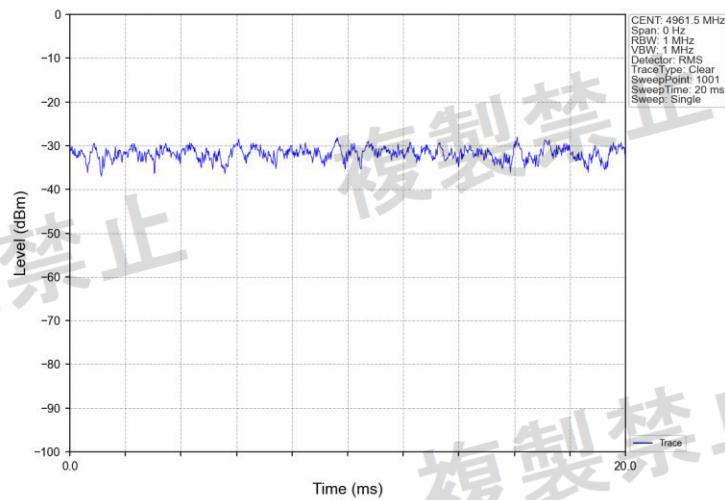
2M_2480MHz_Ant1_NTNV



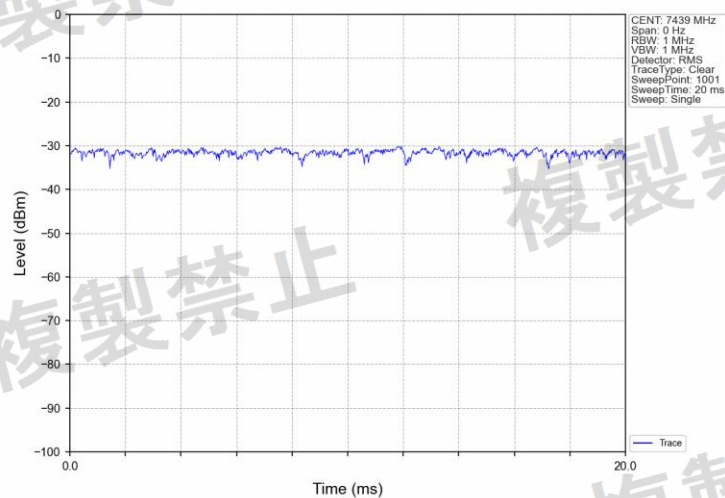
Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Limit (dBm)	Result
30	2387	1	1	2286.500	-56.56	/	-26	Pass
2387	2400	1	1	2392.902	-64.37	/	-16	Pass
2483.5	2496.5	1	1	2483.526	-56.60	/	-16	Pass
2496.5	12500	1	1	4961.500	-22.89	-31.62	-26	Pass
2496.5	12500	1	1	7439.000	-26.15	-31.60	-26	Pass



2M_2480MHz_Ant1_NTNV



2M_2480MHz_Ant1_NTNV



5. Secondary Radiated Emission

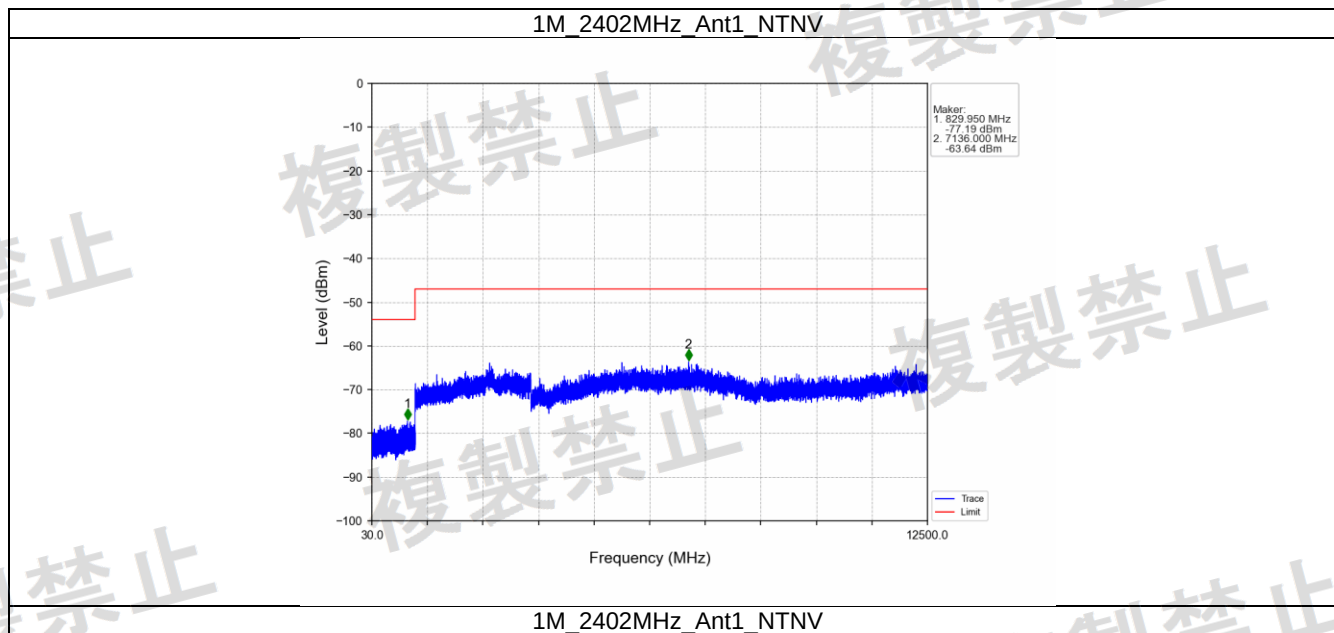
5.1 Test Result

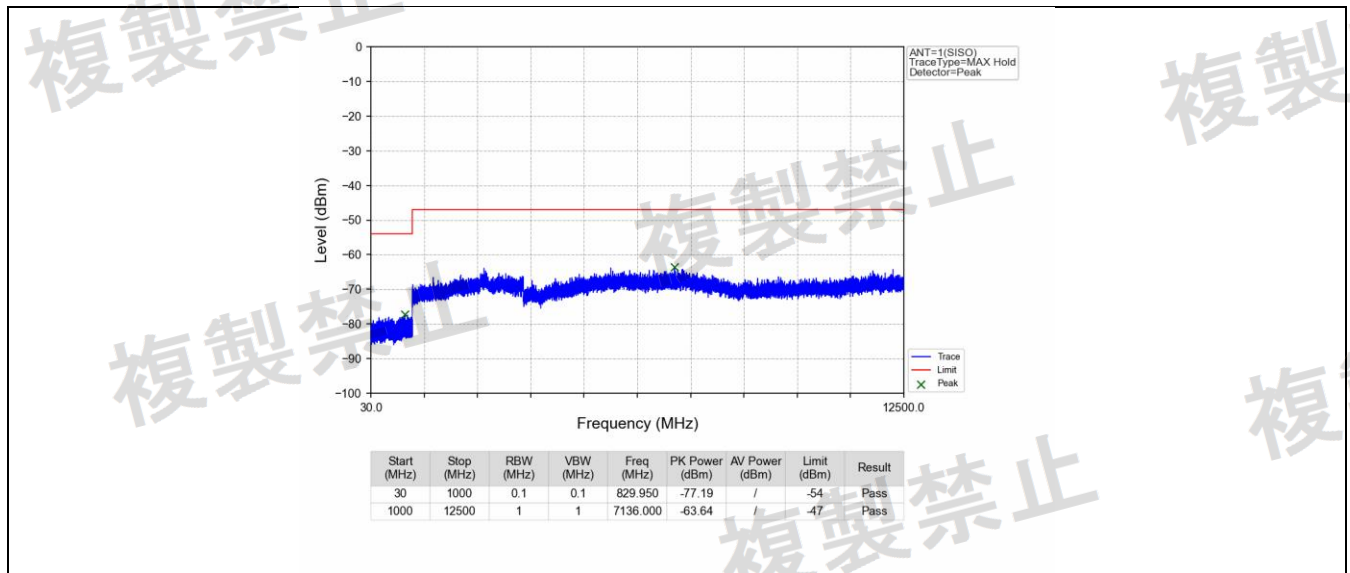
5.1.1 RxSe_NTNV

NTNV												
Mode	TX Type	Freq. (MHz)	ANT	Freq. Range		Marker					Limit (nW)	Verdict
				Start (MHz)	Stop (MHz)	Freq. (MHz)	PK Power (dBm)	PK Power (nW)	AV Power (dBm)	AV Power (nW)		
1M	SISO	2402	1	30	1000	829.95	-77.19	0.019	/	/	4	Pass
				1000	12500	7136	-63.64	0.433	/	/	20	Pass
		2480	1	30	1000	920.4	-77.20	0.019	/	/	4	Pass
				1000	12500	6165	-63.43	0.454	/	/	20	Pass
2M	SISO	2402	1	30	1000	777.2	-76.27	0.024	/	/	4	Pass
				1000	12500	2519	-63.50	0.447	/	/	20	Pass
		2480	1	30	1000	864.45	-77.47	0.018	/	/	4	Pass
				1000	12500	3109.5	-63.86	0.411	/	/	20	Pass

5.2 Test Graph

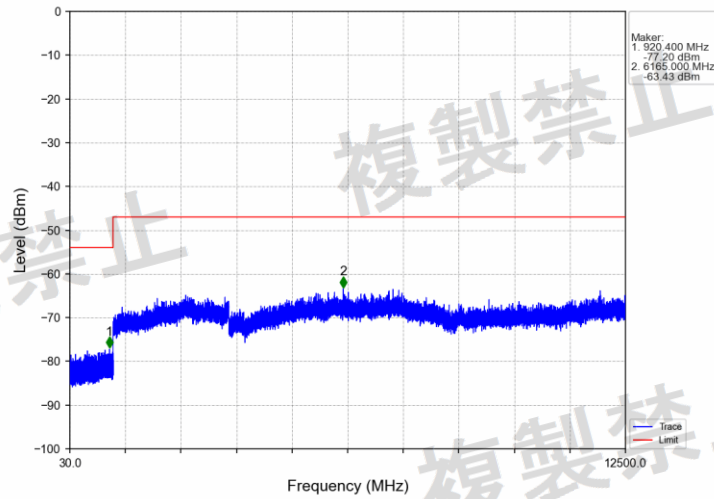
5.2.1 RxSe_NTNV



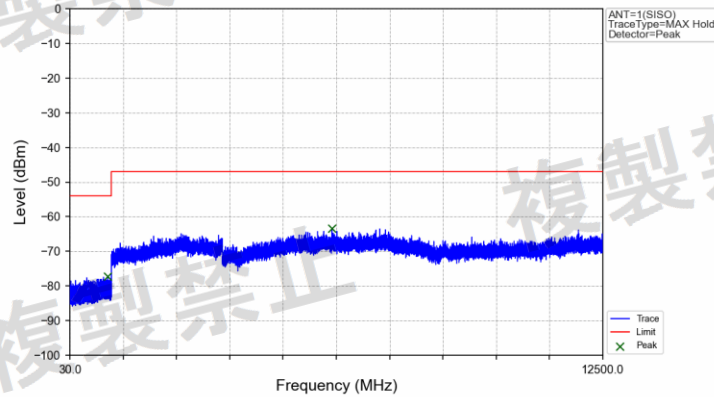




1M_2480MHz_Ant1_NTNV



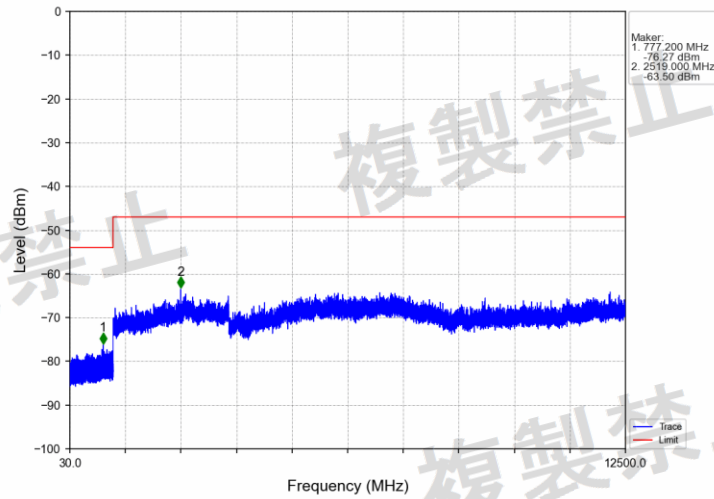
1M_2480MHz_Ant1_NTNV



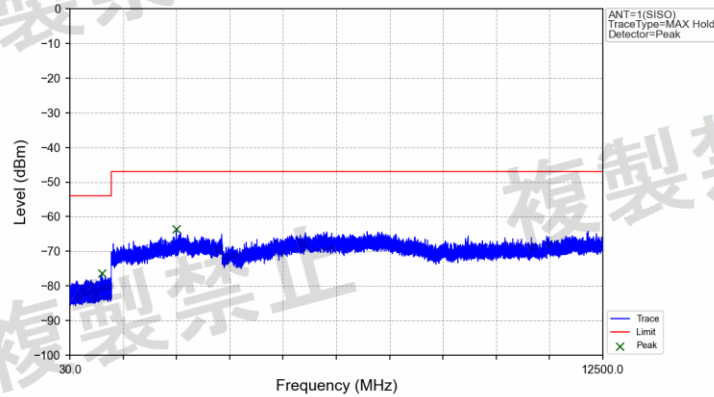
Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Limit (dBm)	Result
30	1000	0.1	0.1	920.400	-77.20	/	-54	Pass
1000	12500	1	1	6165.000	-63.43	/	-47	Pass



2M_2402MHz_Ant1_NTNV



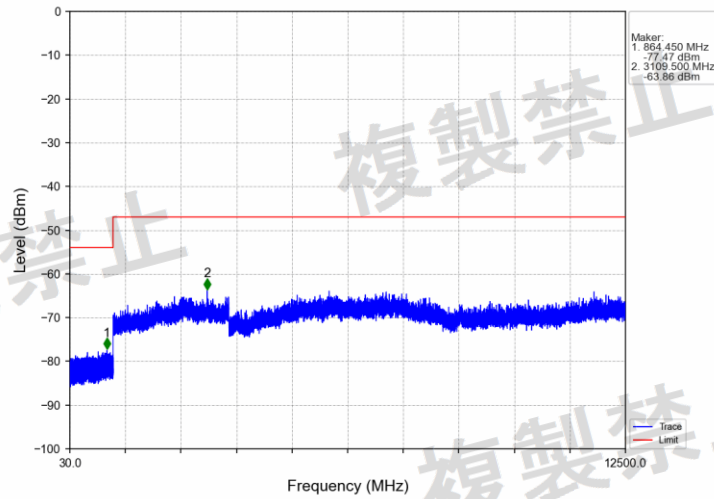
2M_2402MHz_Ant1_NTNV



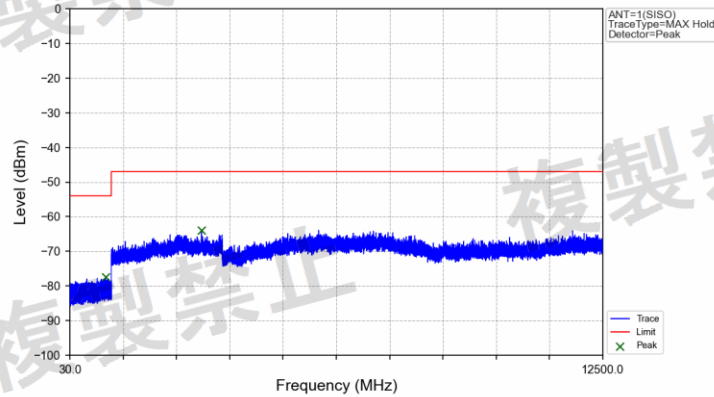
Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Limit (dBm)	Result
30	1000	0.1	0.1	777.200	-76.27	/	-54	Pass
1000	12500	1	1	2518.000	-63.50	/	-47	Pass



2M_2480MHz_Ant1_NTNV



2M_2480MHz_Ant1_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Limit (dBm)	Result
30	1000	0.1	0.1	864.450	-77.47	/	-54	Pass
1000	12500	1	1	3109.500	-63.86	/	-47	Pass