

1. Frequency Error

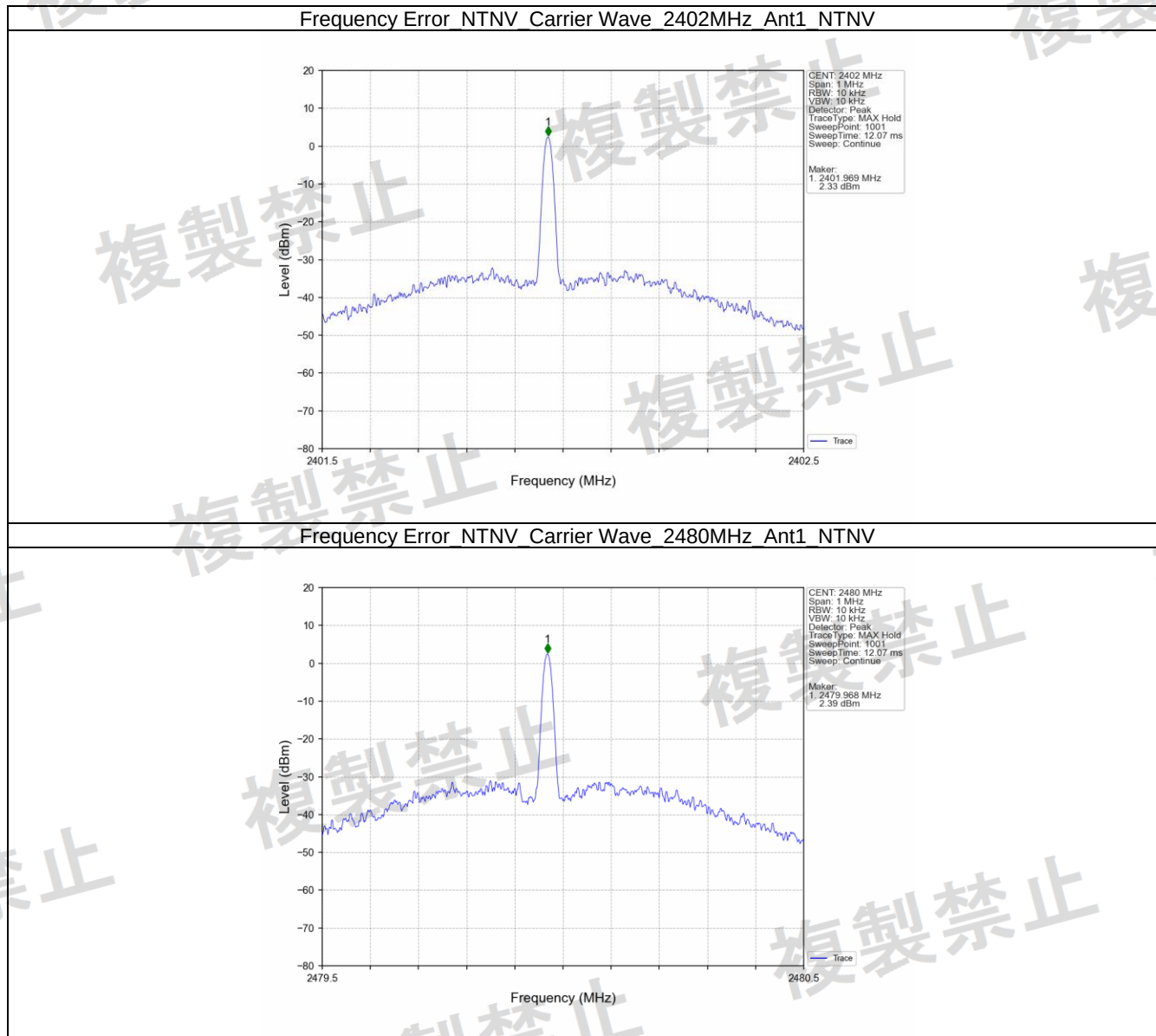
1.1 Test Result

1.1.1 Ant1

Ant1							
ENV	Mode	TX Type	Frequency (MHz)	Measured Frequency (MHz)	Tolerance (ppm)		Verdict
					Result	Limit	
NTNV	Carrier Wave	SISO	2402	2401.969	-12.91	-50 to 50	Pass
			2480	2479.968	-12.90	-50 to 50	Pass

1.2 Test Graph

1.2.1 Ant1



2. Occupied Bandwidth

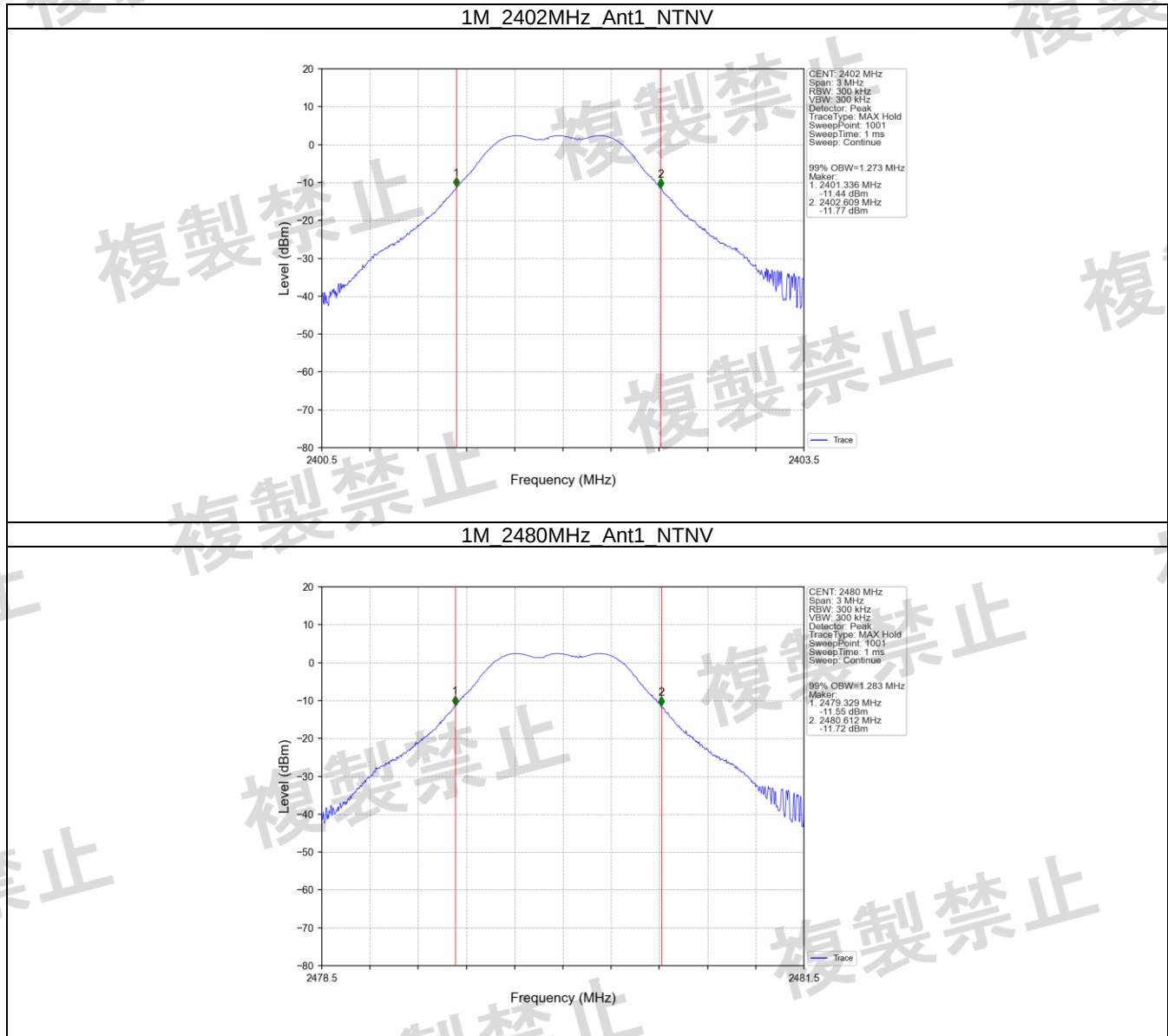
2.1 Test Result

2.1.1 OBW

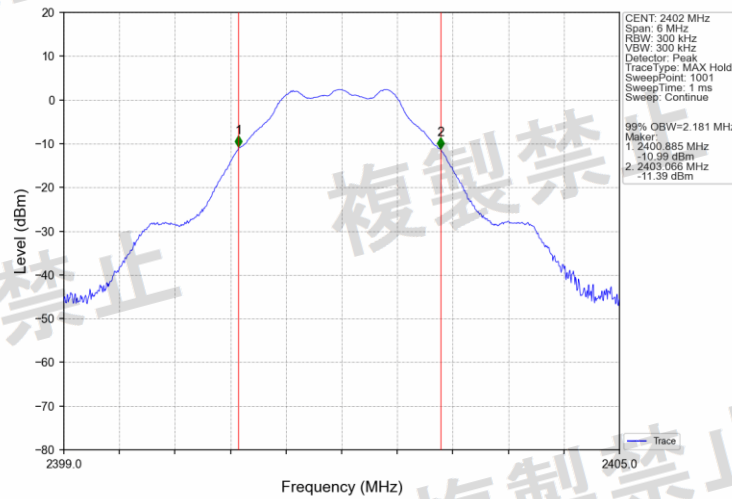
ENV	Mode	TX Type	Frequency (MHz)	99% Occupied Bandwidth (MHz)		Verdict
				ANT1	Limit	
NTNV	1M	SISO	2402	1.273	≤ 26	Pass
			2480	1.283	≤ 26	Pass
	2M	SISO	2402	2.181	≤ 26	Pass
			2480	2.193	≤ 26	Pass

2.2 Test Graph

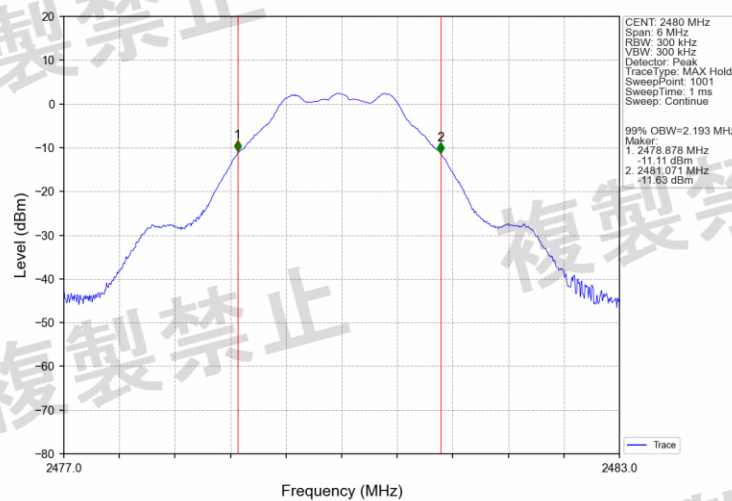
2.2.1 OBW



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	Burst power (dBm)	Antenna Power (mW)		Nominal Power (mW)	Tolerance (%)		Verdict
						Measured	Limit		Measured	Limit	
NTNV	1M	SISO	2402	1	1.64	1.460	<=10.00	1.500	-2.67	<=20	Pass
			2480	1	1.57	1.434	<=10.00	1.500	-4.40	<=20	Pass
	2M	SISO	2402	1	1.45	1.395	<=10.00	1.500	-7.00	<=20	Pass
			2480	1	1.54	1.425	<=10.00	1.500	-5.00	<=20	Pass

3.1.2 EIRP

ENV	Mode	TX Type	Frequency (MHz)	ANT	Burst power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
							Result	Limit	
NTNV	1M	SISO	2402	1	1.64	2.77	4.41	<=12.14	Pass
			2480	1	1.57	2.77	4.34	<=12.14	Pass
	2M	SISO	2402	1	1.45	2.77	4.22	<=12.14	Pass
			2480	1	1.54	2.77	4.31	<=12.14	Pass

4. Spurious Emission Intensity

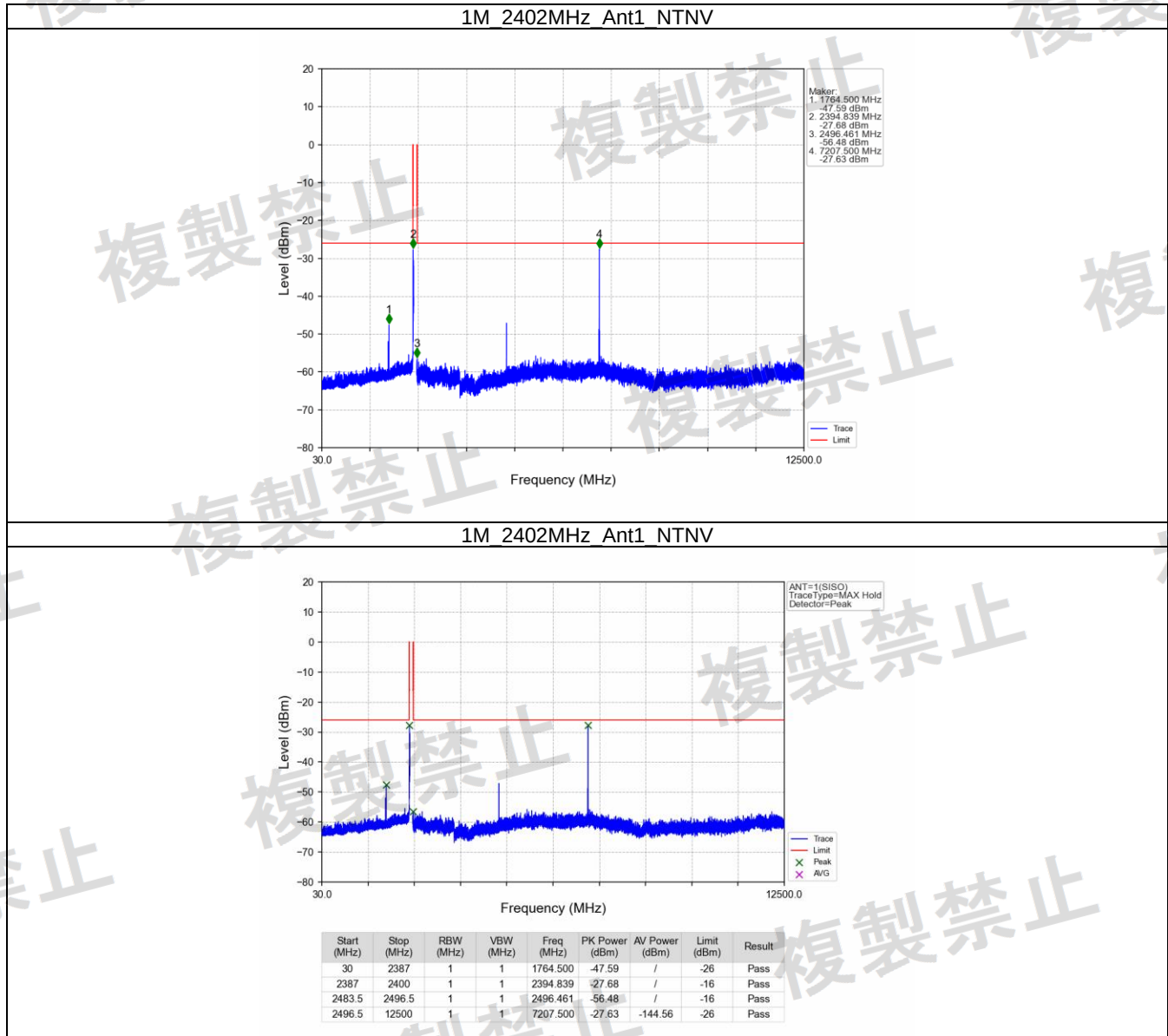
4.1 Test Result

4.1.1 TxSe_NTNV

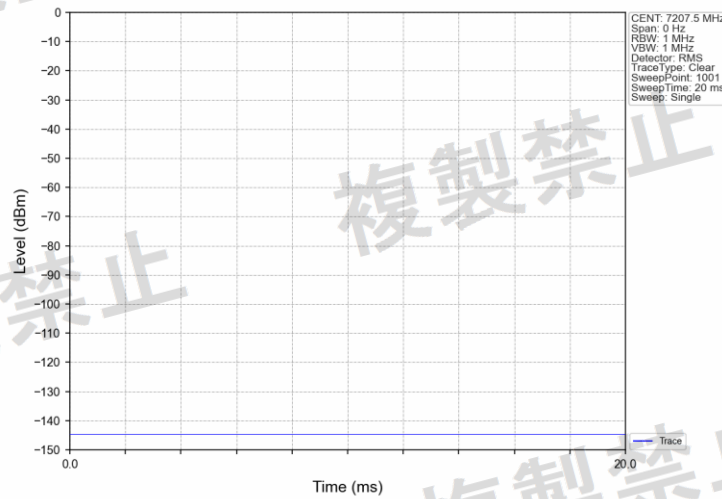
NTNV												
Mode	TX Type	Freq. (MHz)	ANT	Freq. Range		Marker					Limit (uW /MHz)	Verdict
				Start (MHz)	Stop (MHz)	Freq. (MHz)	PK Power (dBm /MHz)	PK Power (uW /MHz)	AV Power (dBm /MHz)	AV Power (uW /MHz)		
1M	SISO	2402	1	30	2387	1764.5	-47.59	0.017	/	/	2.5	Pass
				2387	2400	2394.839	-27.68	1.706	/	/	25	Pass
				2483.5	2496.5	2496.461	-56.48	0.002	/	/	25	Pass
				2496.5	12500	7207.5	-27.63	1.726	-144.56	0.000	2.5	Pass
		2480	1	30	2387	1753.5	-38.02	0.158	/	/	2.5	Pass
				2387	2400	2390.263	-57.41	0.002	/	/	25	Pass
				2483.5	2496.5	2486.62	-27.38	1.828	/	/	25	Pass
				2496.5	12500	7440	-31.10	0.776	/	/	2.5	Pass
2M	SISO	2402	1	30	2387	1764.5	-35.84	0.261	/	/	2.5	Pass
				2387	2400	2399.987	-19.13	12.218	/	/	25	Pass
				2483.5	2496.5	2487.179	-56.01	0.003	/	/	25	Pass
				2496.5	12500	7208	-27.65	1.718	-144.56	0.000	2.5	Pass
		2480	1	30	2387	2352.5	-55.09	0.003	/	/	2.5	Pass
				2387	2400	2399.844	-57.25	0.002	/	/	25	Pass
				2483.5	2496.5	2487.075	-27.47	1.791	/	/	25	Pass
				2496.5	12500	7442	-31.31	0.740	/	/	2.5	Pass

4.2 Test Graph

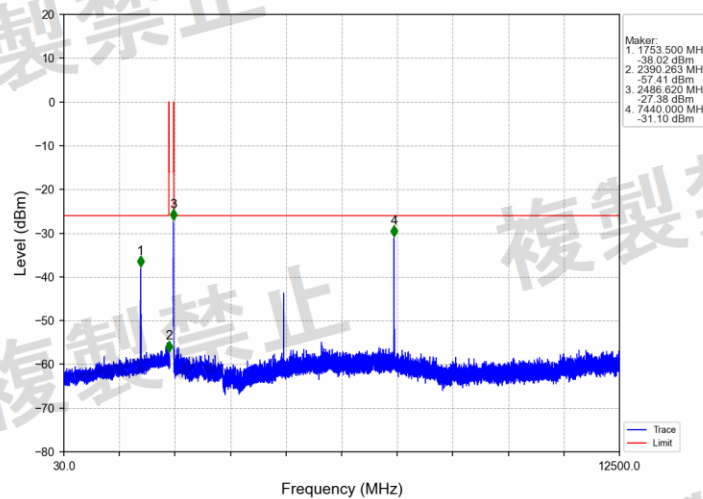
4.2.1 TxSe_NTNV



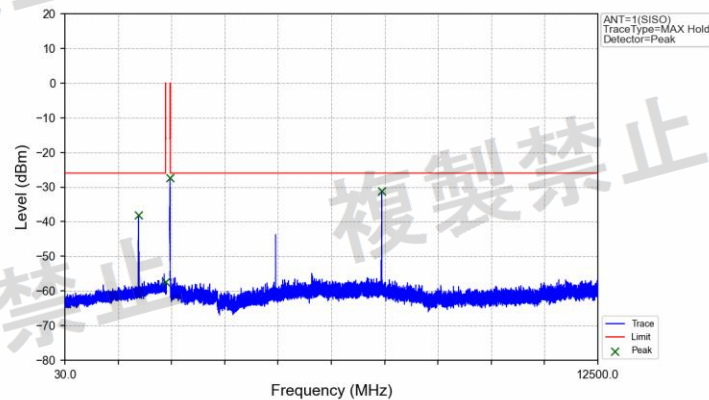
1M_2402MHz_Ant1_NTNV



1M_2480MHz_Ant1_NTNV

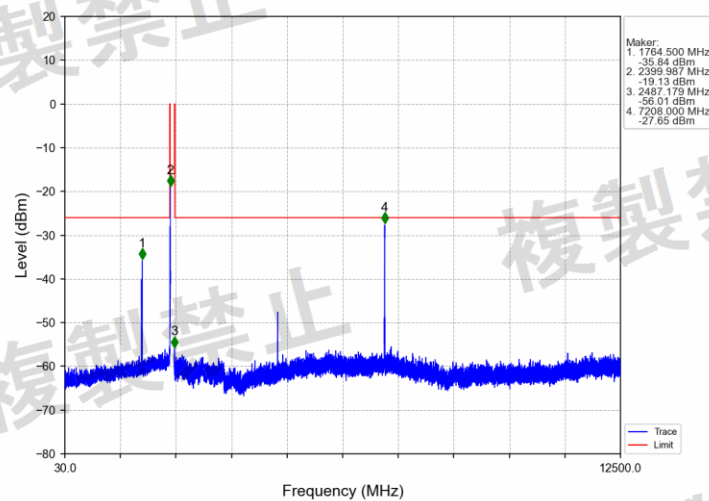


1M_2480MHz_Ant1_NTNV

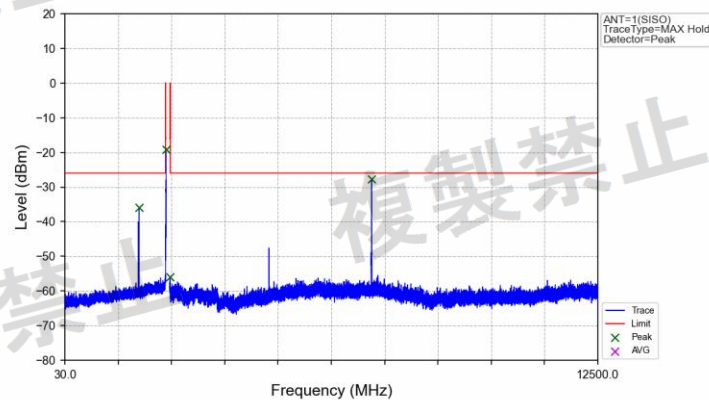


Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Limit (dBm)	Result
30	2387	1	1	1753.500	-38.02	/	-26	Pass
2387	2400	1	1	2390.263	-57.41	/	-16	Pass
2483.5	2496.5	1	1	2486.620	-27.38	/	-16	Pass
2496.5	12500	1	1	7440.000	-31.10	/	-26	Pass

2M_2402MHz_Ant1_NTNV

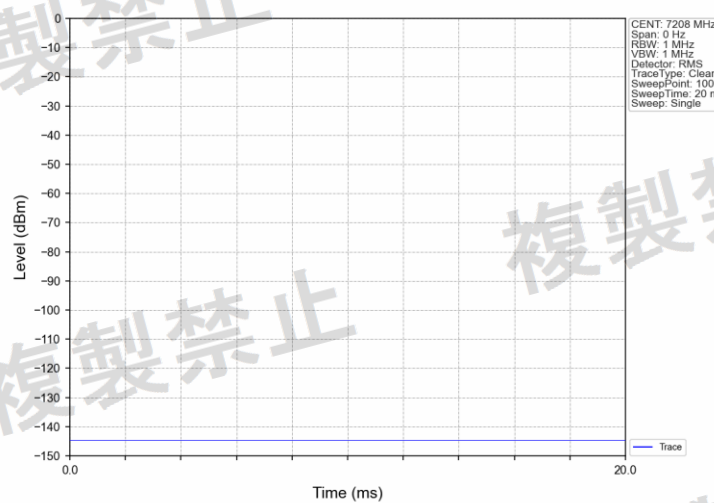


2M_2402MHz_Ant1_NTNV

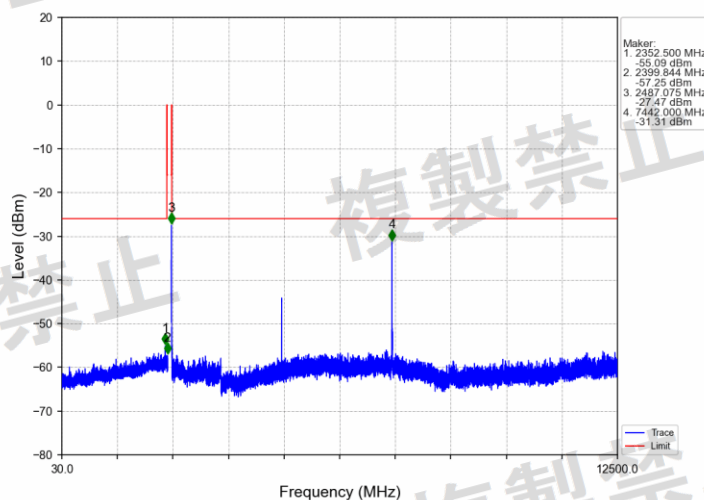


Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Limit (dBm)	Result
30	2387	1	1	1764.500	-35.84	/	-26	Pass
2387	2400	1	1	2399.987	-19.13	/	-16	Pass
2483.5	2496.5	1	1	2487.179	-56.01	/	-16	Pass
2496.5	12500	1	1	7208.000	-27.65	-144.56	-26	Pass

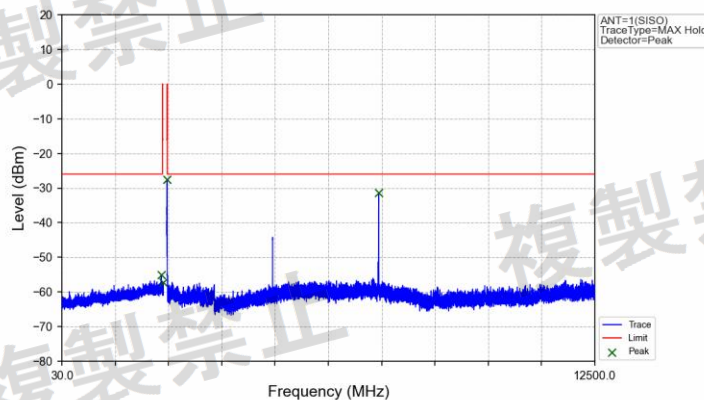
2M_2402MHz_Ant1_NTNV



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	2352.500	-55.09	/	-26	Pass
2387	2400	1	1	2399.844	-57.25	/	-16	Pass
2483.5	2496.5	1	1	2487.075	-27.47	/	-16	Pass
2496.5	12500	1	1	7442.000	-31.31	/	-26	Pass

5. Secondary Radiated Emission

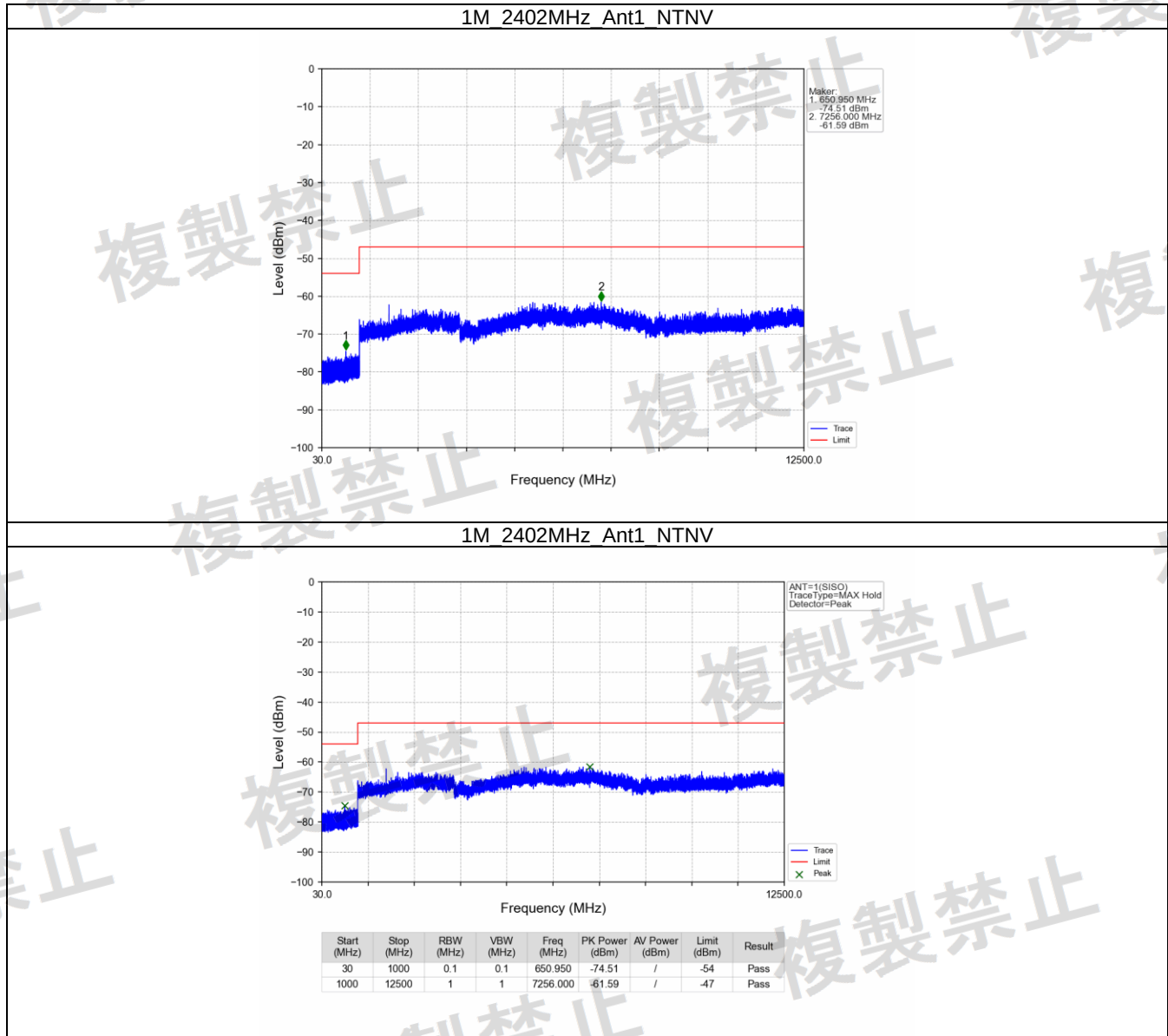
5.1 Test Result

5.1.1 RxSe_NTNV

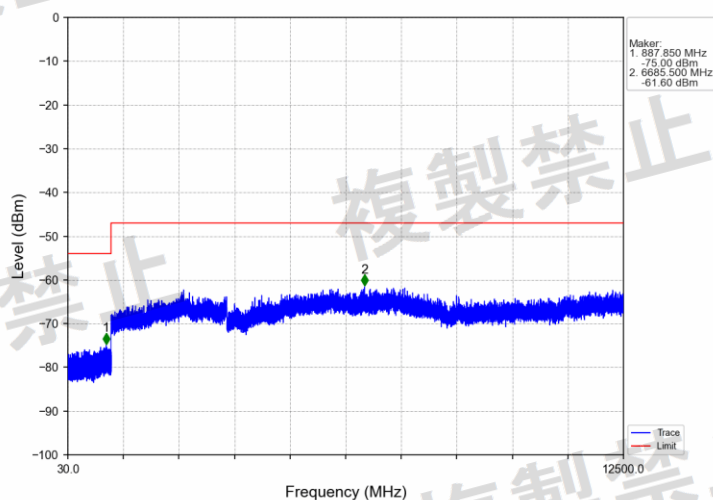
NTNV												
Mode	TX Type	Freq. (MHz)	ANT	Freq. Range		Marker					Limit (nW)	Verdict
				Start (MHz)	Stop (MHz)	Freq. (MHz)	PK Power (dBm)	PK Power (nW)	AV Power (dBm)	AV Power (nW)		
1M	SISO	2402	1	30	1000	650.95	-74.51	0.035	/	/	4	Pass
				1000	12500	7256	-61.59	0.693	/	/	20	Pass
		2480	1	30	1000	887.85	-75.00	0.032	/	/	4	Pass
				1000	12500	6685.5	-61.60	0.692	/	/	20	Pass
2M	SISO	2402	1	30	1000	913.4	-65.11	0.308	/	/	4	Pass
				1000	12500	7390.5	-61.74	0.670	/	/	20	Pass
		2480	1	30	1000	828.3	-75.40	0.029	/	/	4	Pass
				1000	12500	1753.5	-38.77	132.739	-76.60	0.022	20	Pass

5.2 Test Graph

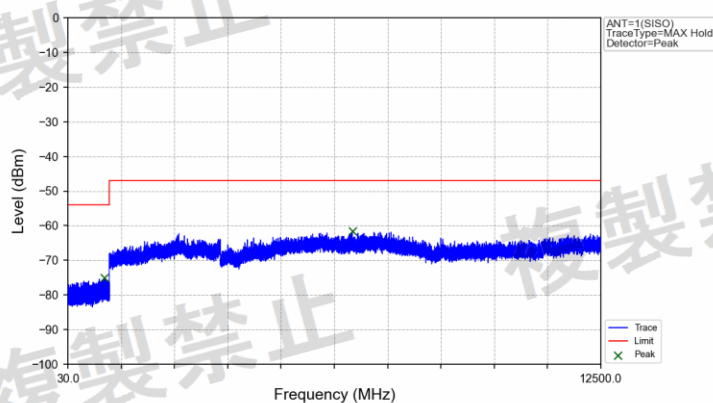
5.2.1 RxSe_NTNV



1M_2480MHz_Ant1_NTNV

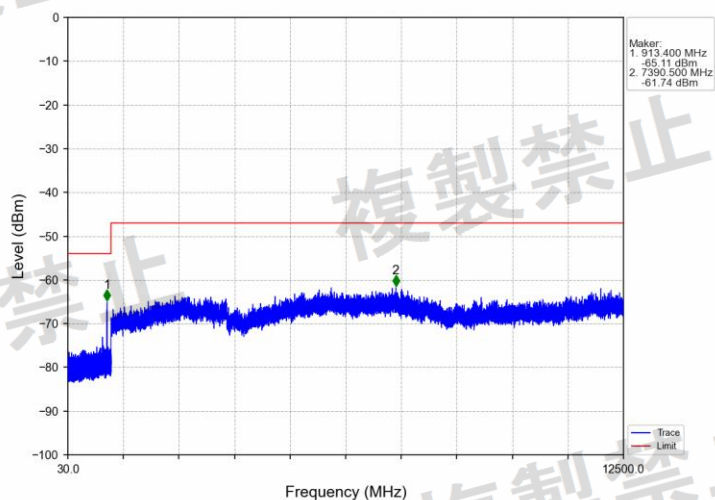


1M_2480MHz_Ant1_NTNV

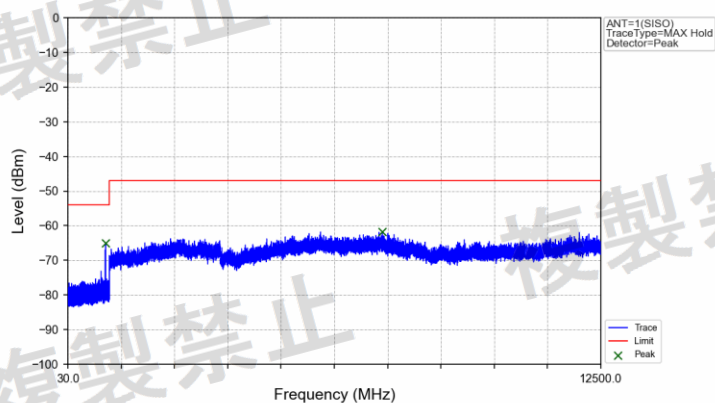


Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Limit (dBm)	Result
30	1000	0.1	0.1	887.850	-75.00	/	-54	Pass
1000	12500	1	1	6685.500	-61.50	/	-47	Pass

2M_2402MHz_Ant1_NTNV

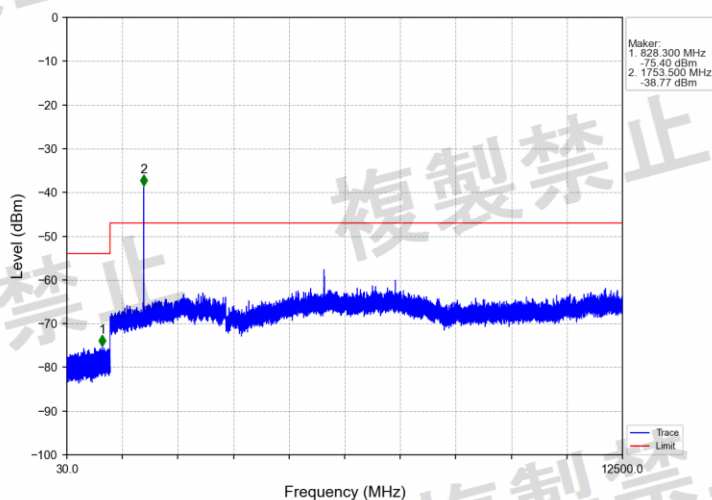


2M_2402MHz_Ant1_NTNV

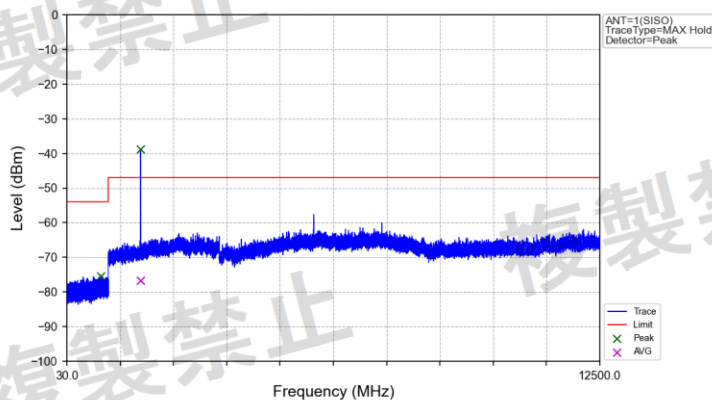


Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Limit (dBm)	Result
30	1000	0.1	0.1	913.400	-65.11	/	-54	Pass
1000	12500	1	1	7390.500	-61.74	/	-47	Pass

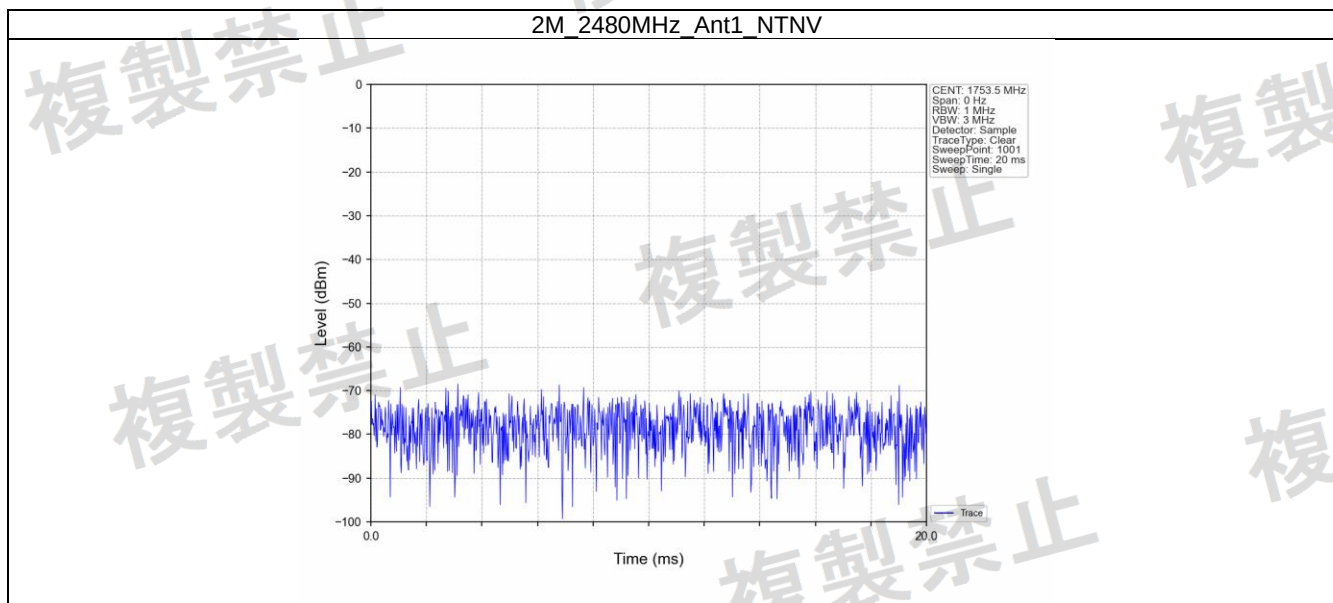
2M_2480MHz_Ant1_NTNV



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	828.300	-75.40	/	-54	Pass
1000	12500	1	1	1753.500	-38.77	-76.60	-47	Pass



***** End of Report *****