

TELEC BT EDR

MIC BT EDR Test Data

Applicant: Chengdu ROSELSA Technology Co., Ltd.

Address: Room 302, 3rd Floor, Building 4, Yingcaijiayuan, No.569 East Jinfu Road, Zitong Community, Tianfu Block, Wenjiang District, Chengdu, Sichuan, China

Manufacturer: Chengdu ROSELSA Technology Co., Ltd.

Address: Room 302, 3rd Floor, Building 4, Yingcaijiayuan, No.569 East Jinfu Road, Zitong Community, Tianfu Block, Wenjiang District, Chengdu, Sichuan, China

Product Name: wireless headphones

Trade Mark: ROSELSA

Model Number: BHT-0002, BHT-0003, BHT-0004

Date of Receipt: Jun. 25, 2026

Test Date: Jun. 25, 2026 – Jul. 03, 2026

Date of Report: Jul. 03, 2026

Prepared By: Shenzhen DL Testing Technology Co., Ltd.

Address: 101-201, Comprehensive Building, Tongzhou Electronics Longgang Factory Area, No.1 Baolong Fifth Road, Baolong Community, Baolong Street, Longgang District, Shenzhen, China

Applicable: Item 19 of Article 2 Paragraph 1

Standards: ARIB STD T-66 Ver.3.7(2014)
Article 2-1, Item 19-MIC Notice No. 88 Appendix No. 43

Test Result: Pass

Report Number: DLE-260625011R

1. Frequency Error

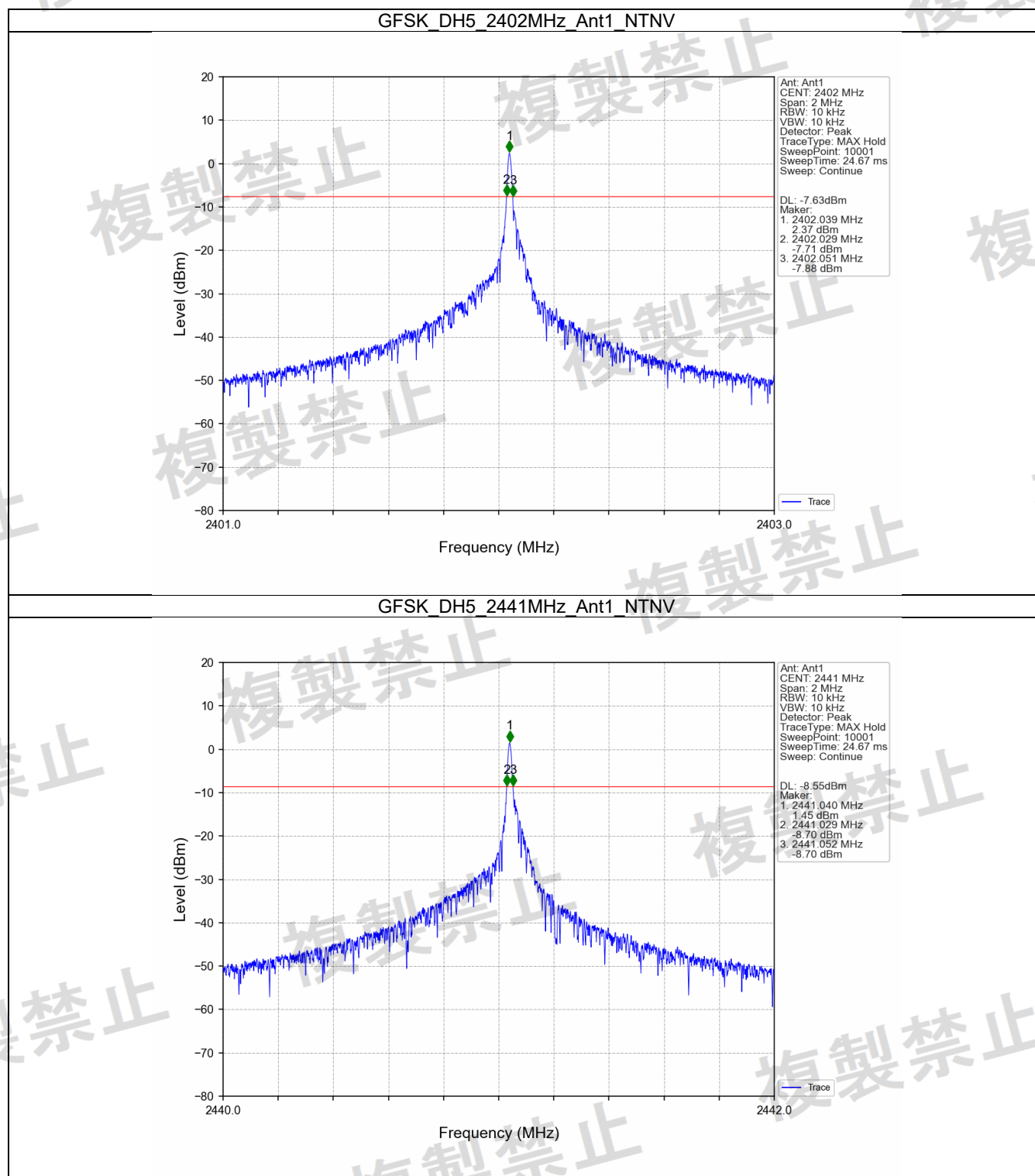
1.1 Test Result

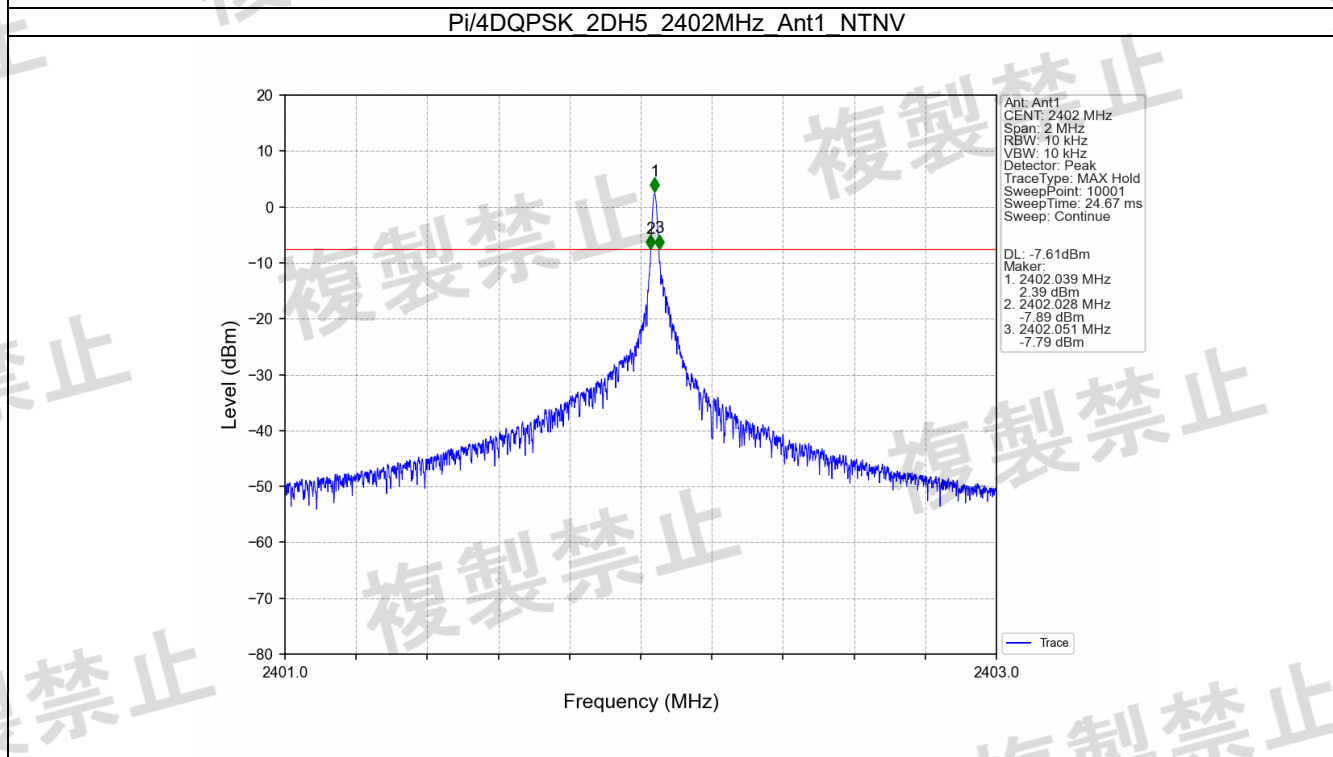
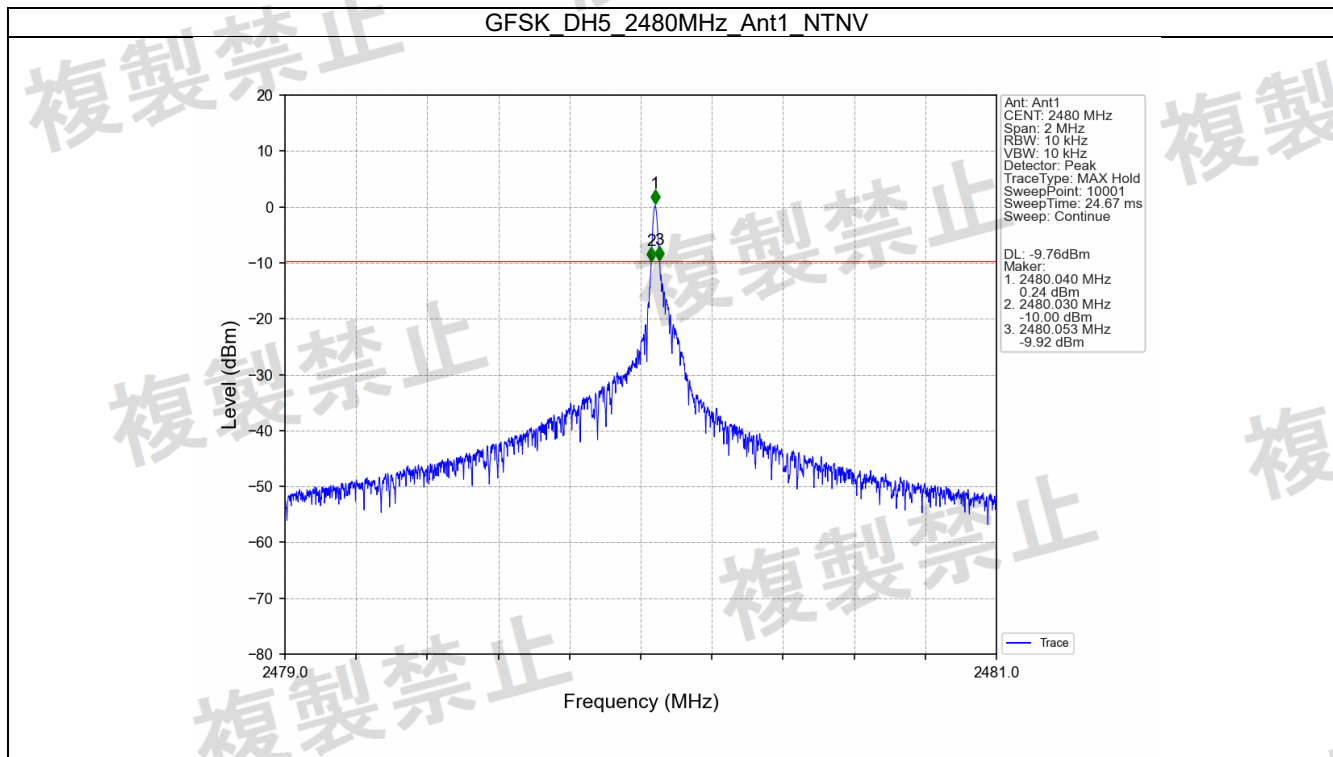
1.1.1 Ant1

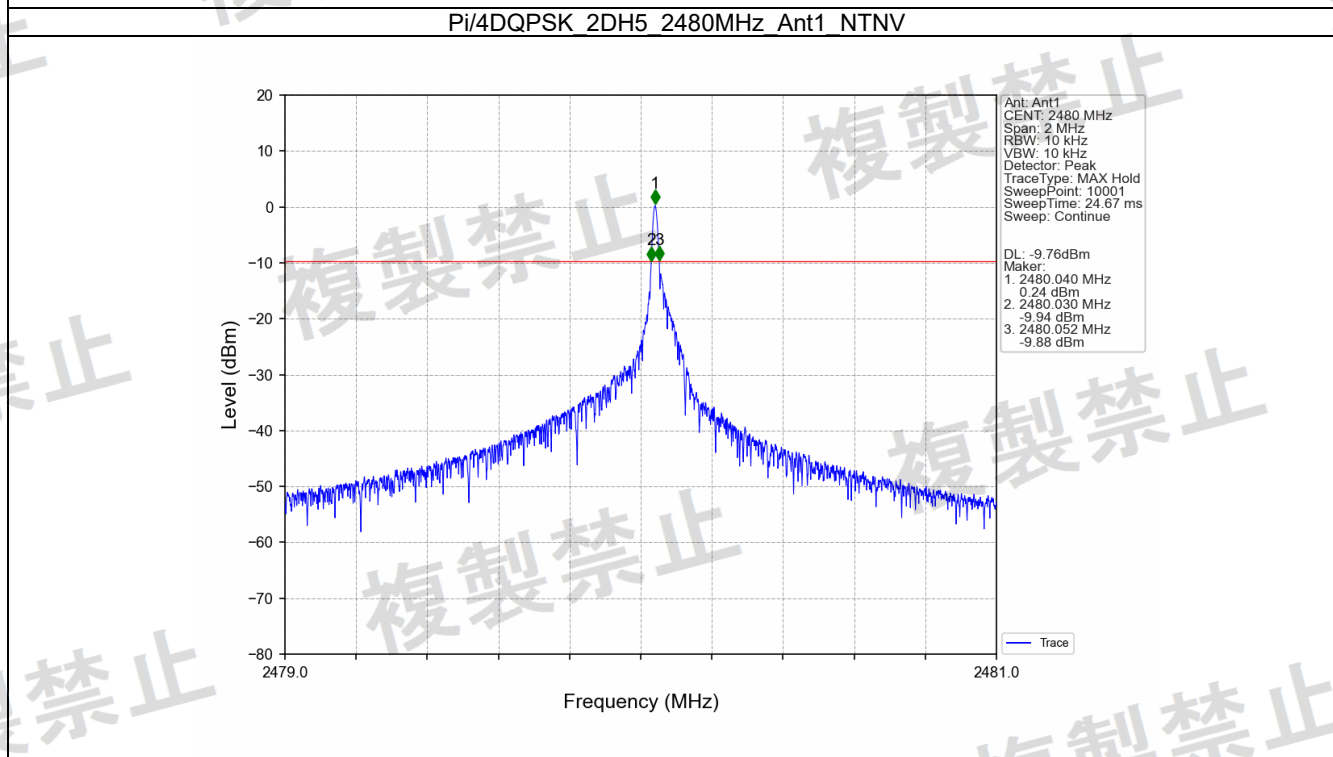
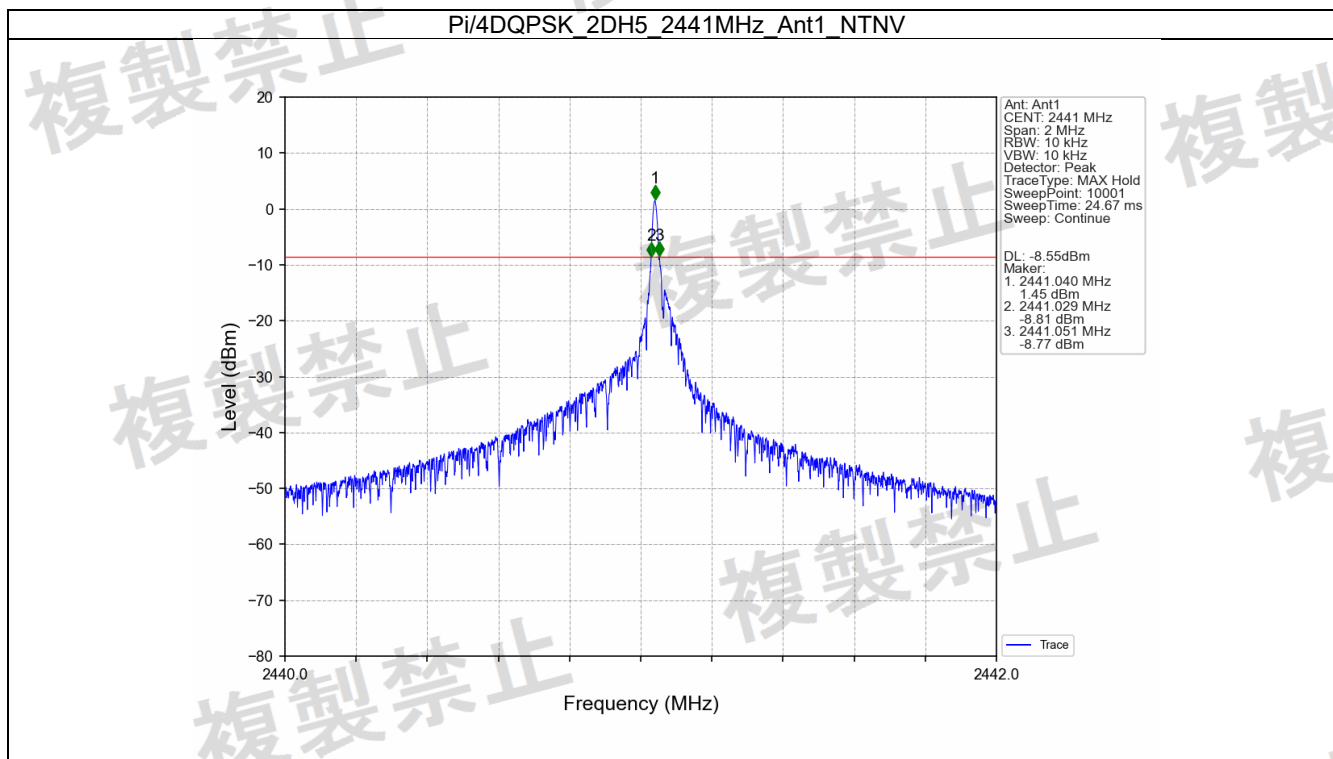
Ant1								
ENV	Mode	TX Type	Frequency (MHz)	Packet Type	Measured Frequency (MHz)	Tolerance (ppm)		Verdict
						Result	Limit	
NTNV	GFSK	SISO	2402	DH5	2402.040	16.65	-50 to 50	Pass
			2441	DH5	2441.041	16.63	-50 to 50	Pass
			2480	DH5	2480.041	16.61	-50 to 50	Pass
	Pi/4DQPSK	SISO	2402	2DH5	2402.040	16.53	-50 to 50	Pass
			2441	2DH5	2441.040	16.43	-50 to 50	Pass
			2480	2DH5	2480.041	16.49	-50 to 50	Pass
	8DPSK	SISO	2402	3DH5	2402.040	16.65	-50 to 50	Pass
			2441	3DH5	2441.041	16.59	-50 to 50	Pass
			2480	3DH5	2480.041	16.41	-50 to 50	Pass

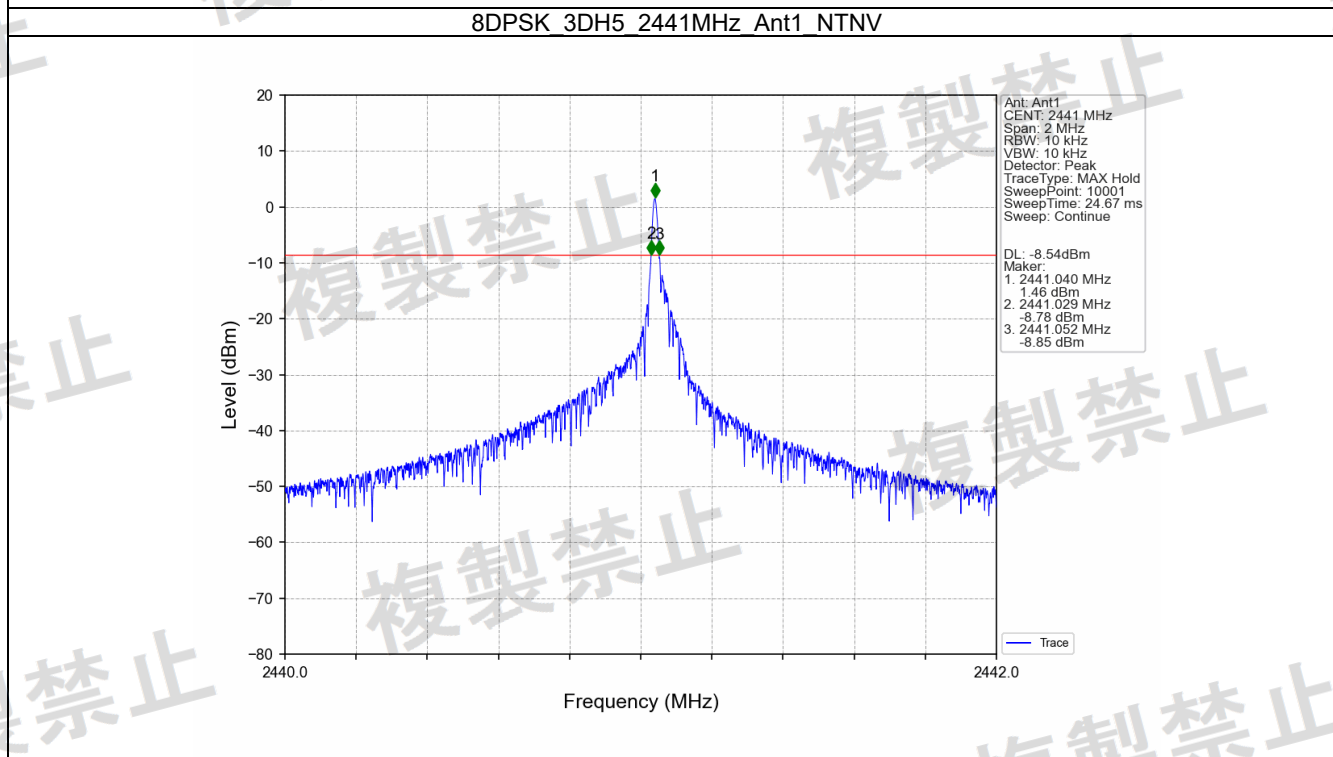
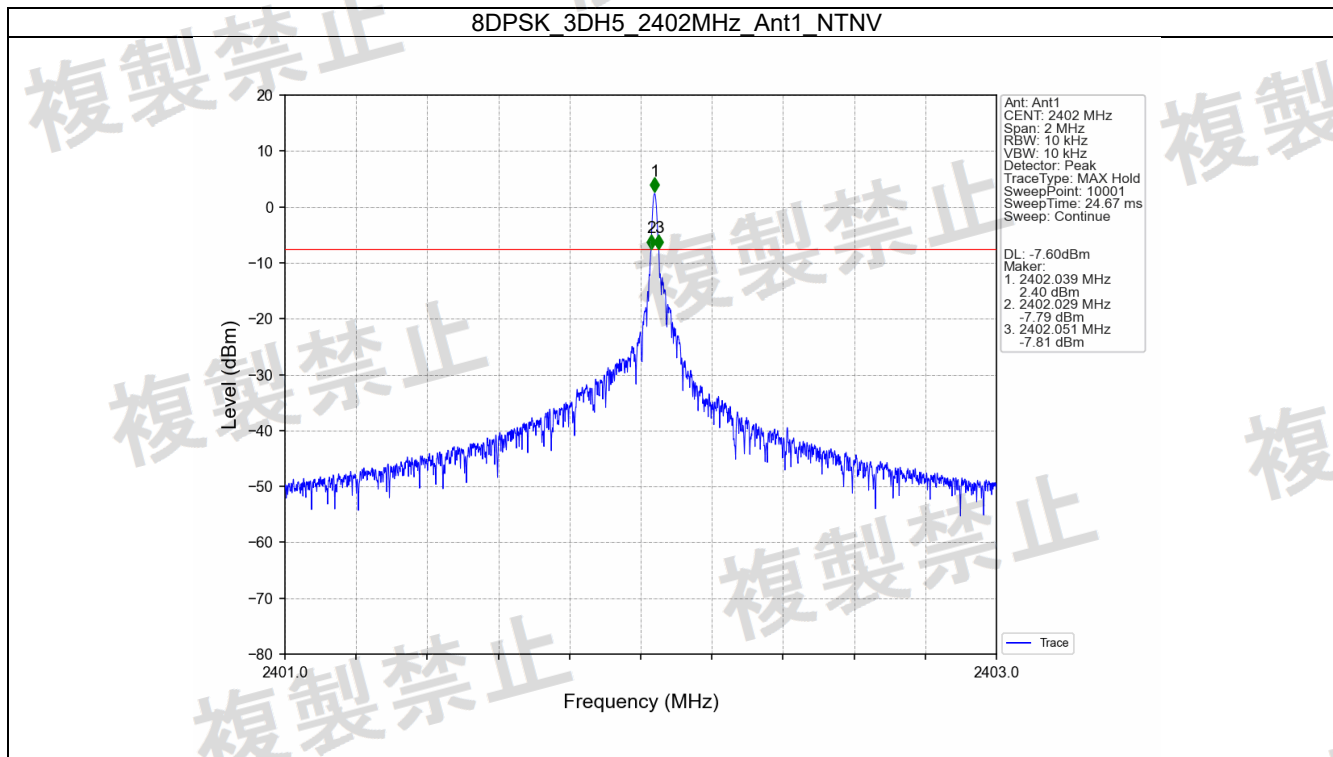
1.2 Test Graph

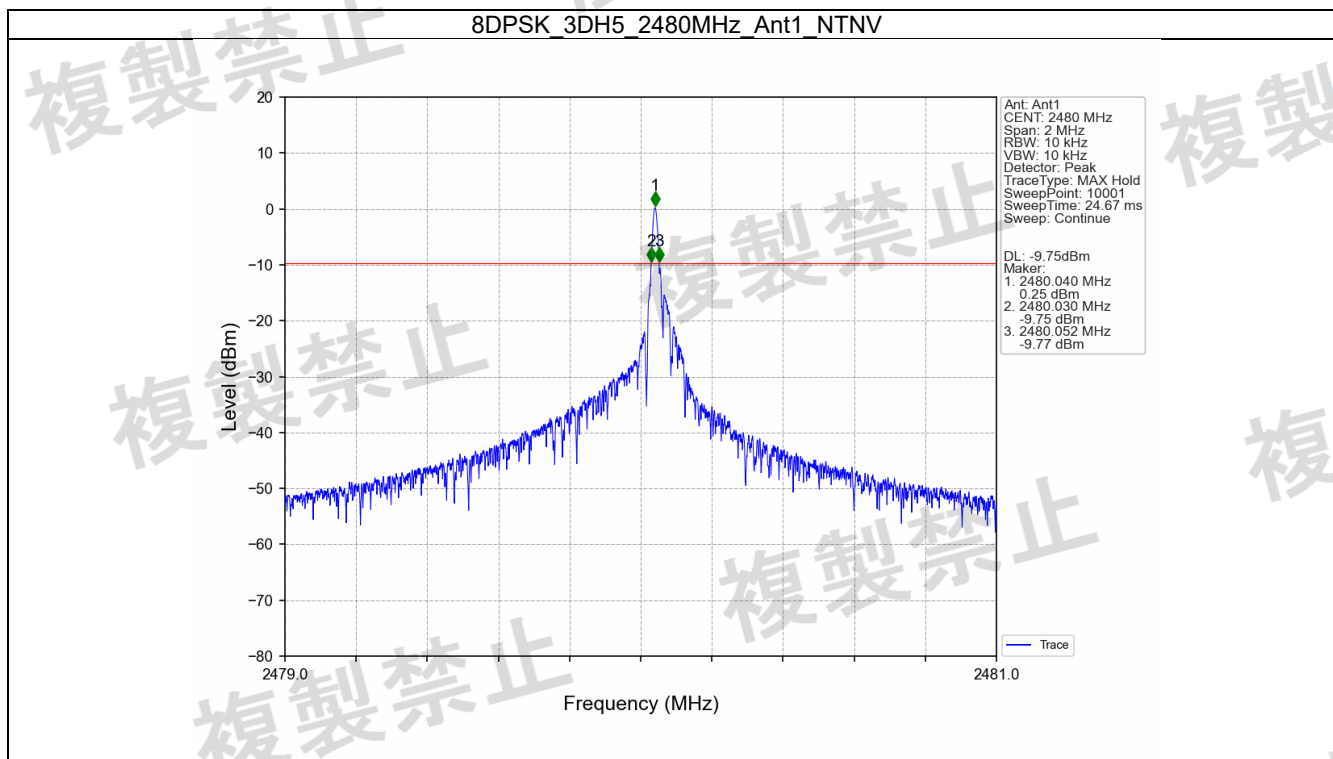
1.2.1 Ant1











2. Occupied Bandwidth

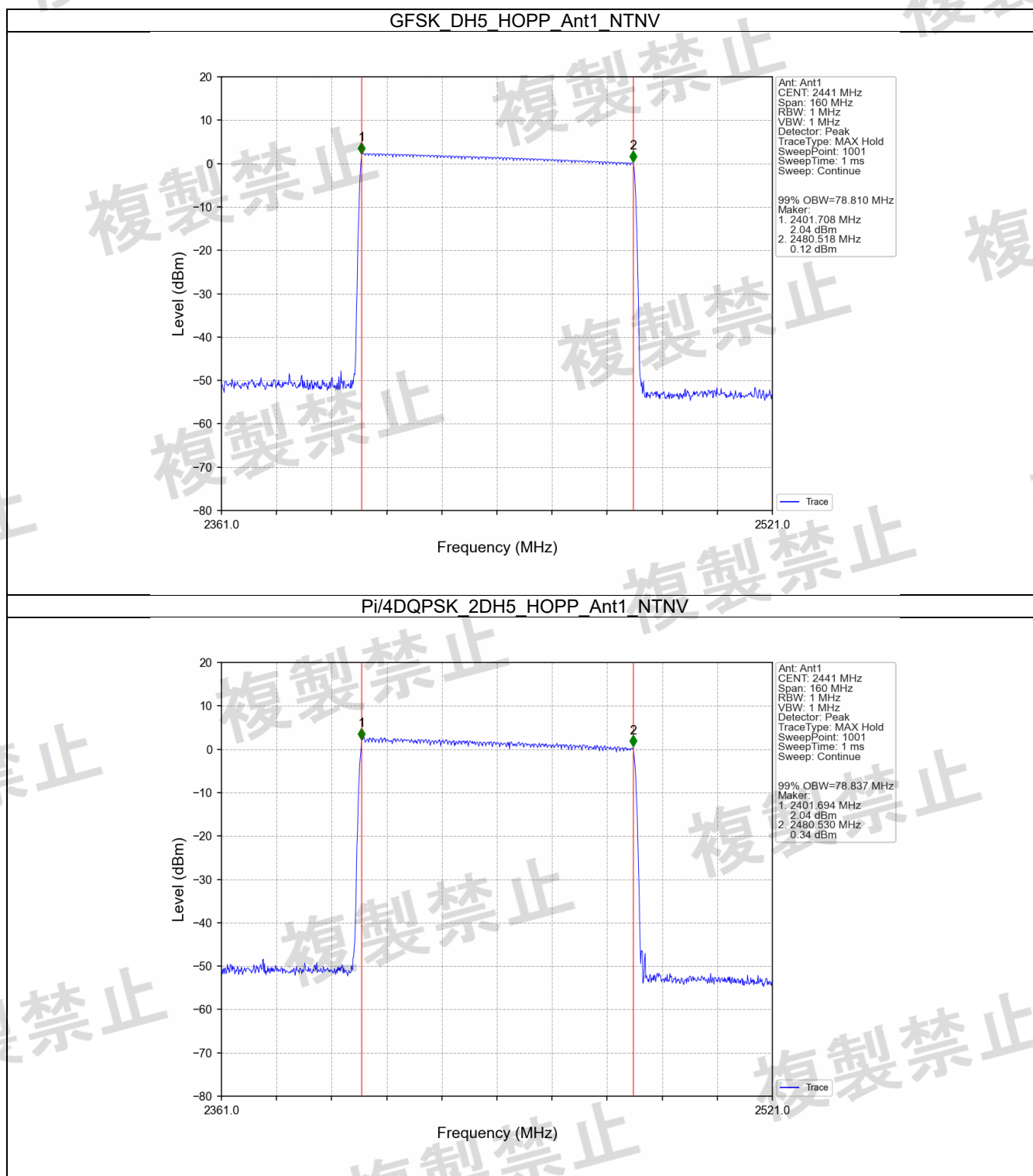
2.1 Test Result

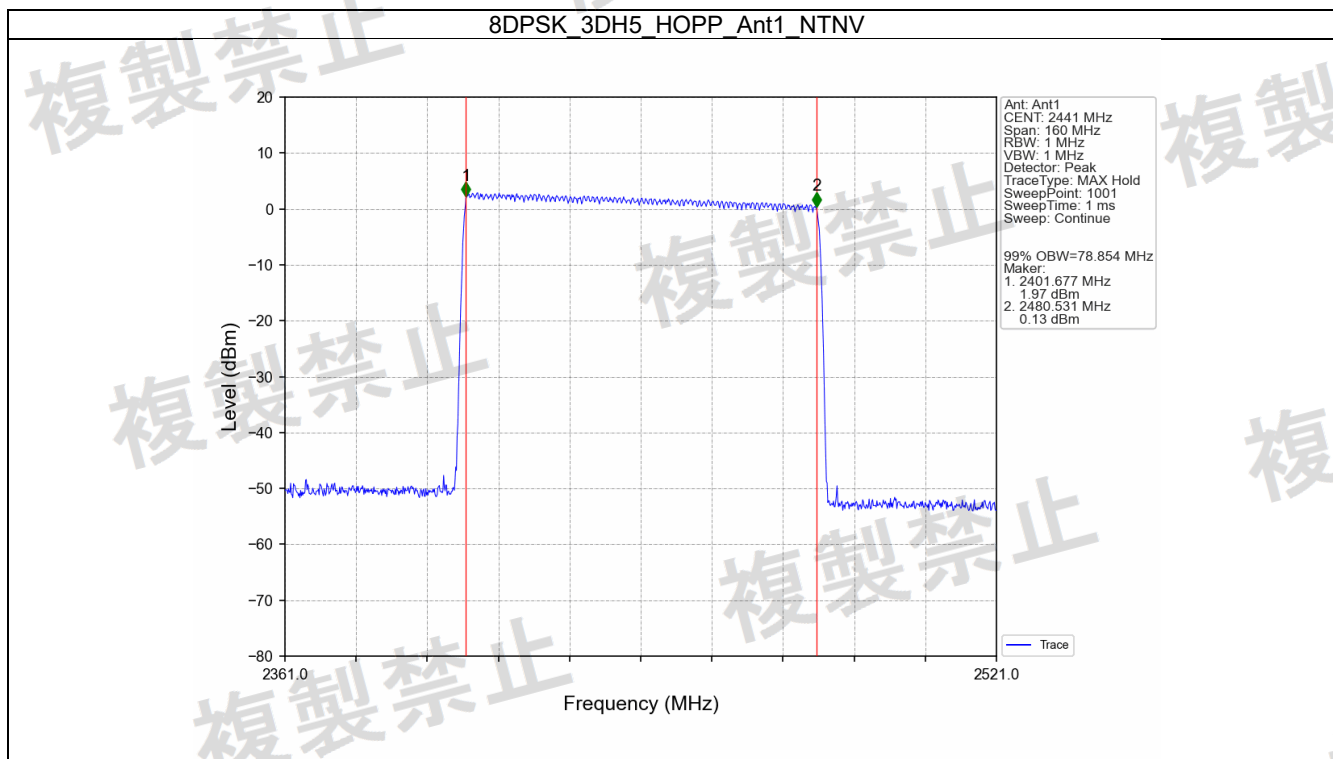
2.1.1 OBW

ENV	Mode	TX Type	Frequency (MHz)	Packet Type	99% Occupied Bandwidth (MHz)		Verdict
					ANT1	Limit	
NTNV	GFSK	SISO	HOPP	DH5	78.810	<=83.5	Pass
	PI/4DQPSK	SISO	HOPP	2DH5	78.837	<=83.5	Pass
	8DPSK	SISO	HOPP	3DH5	78.854	<=83.5	Pass

2.2 Test Graph

2.2.1 OBW





3. Spread Bandwidth

3.1 Test Result

3.1.1 SPBW

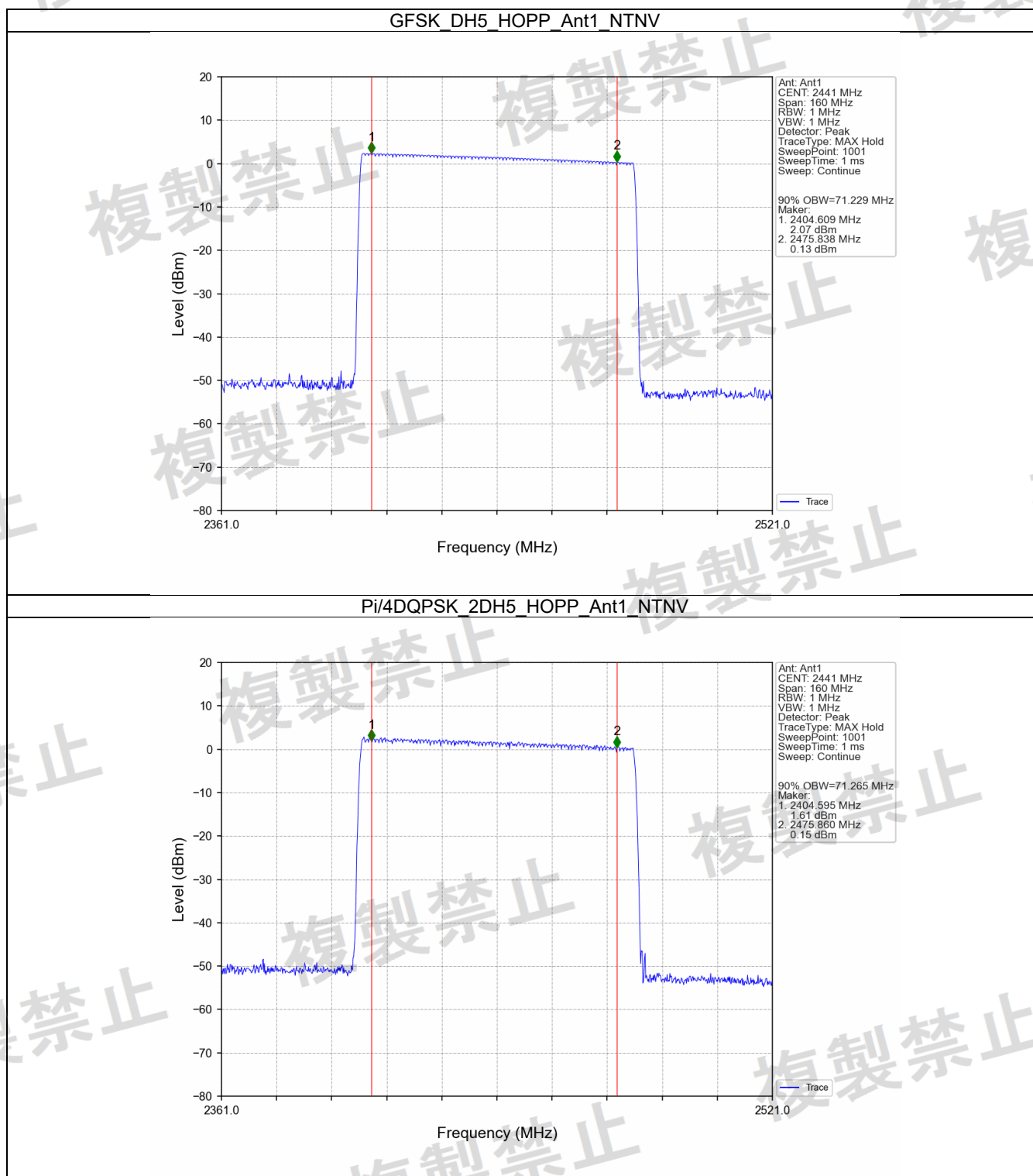
ENV	Mode	TX Type	Frequency (MHz)	Packet Type	Spread Bandwidth (MHz)		Verdict
					ANT1	Limit	
NTNV	GFSK	SISO	HOPP	DH5	71.229	/	Only For Report
	Pi/4DQPSK	SISO	HOPP	2DH5	71.265	/	Only For Report
	8DPSK	SISO	HOPP	3DH5	71.324	/	Only For Report

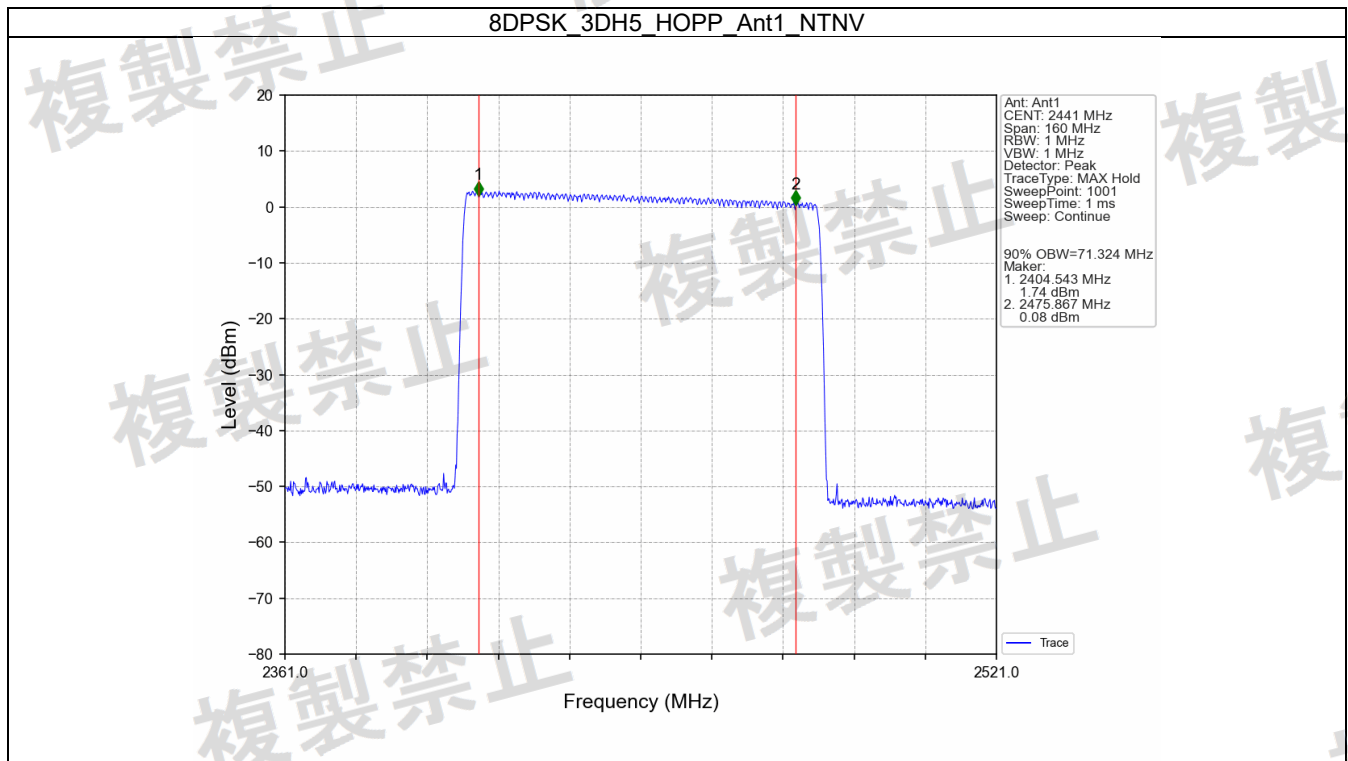
3.1.2 SpreadFactor

ENV	Mode	TX Type	Frequency (MHz)	Packet Type	Spread Factor		Verdict
					ANT1	Limit	
NTNV	GFSK	SISO	HOPP	DH5	71.229	≥ 5	Only For Report
	Pi/4DQPSK	SISO	HOPP	2DH5	71.265	≥ 5	Only For Report
	8DPSK	SISO	HOPP	3DH5	71.324	≥ 5	Only For Report

3.2 Test Graph

3.2.1 SPBW





4. Dwell Time

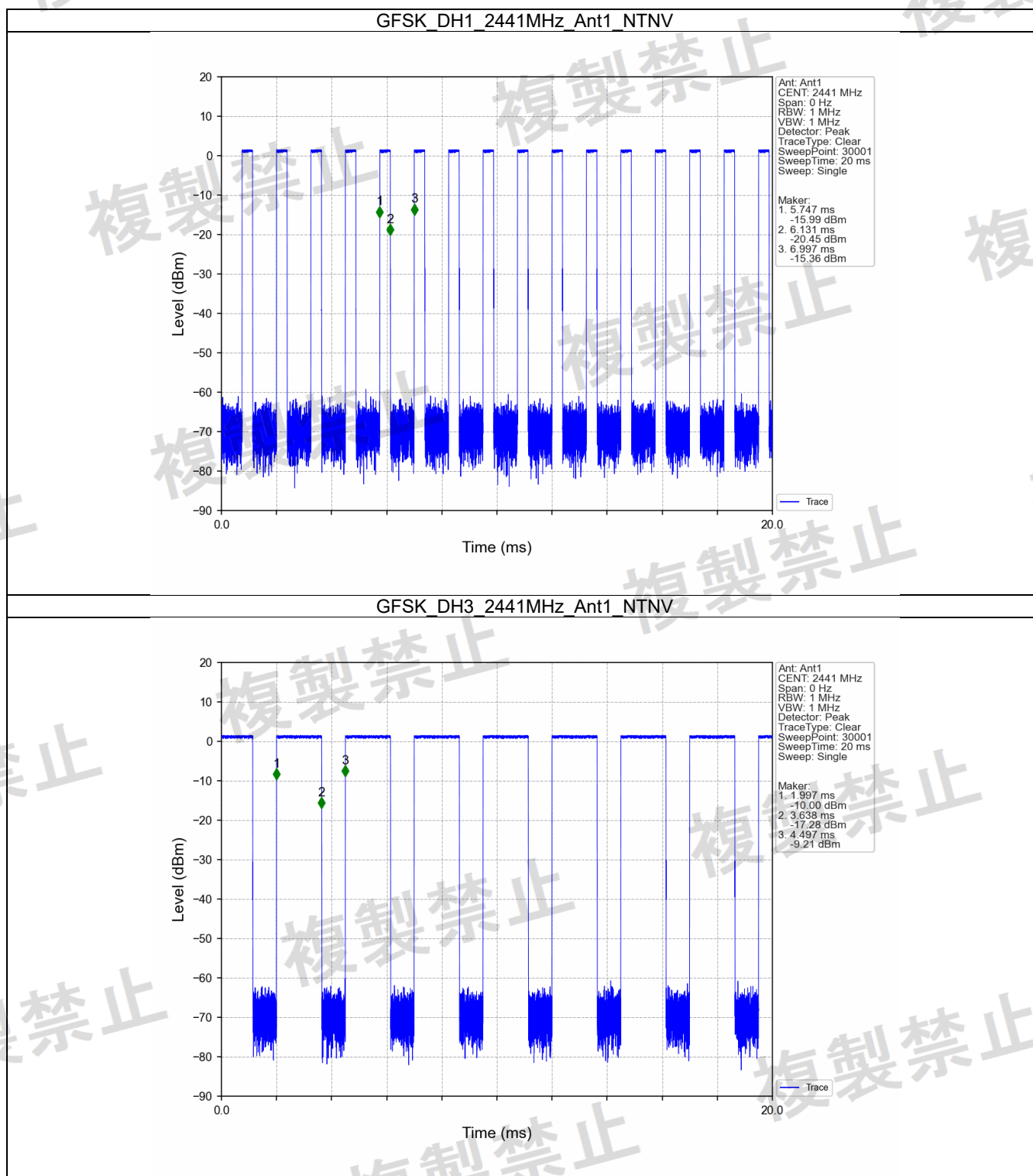
4.1 Test Result

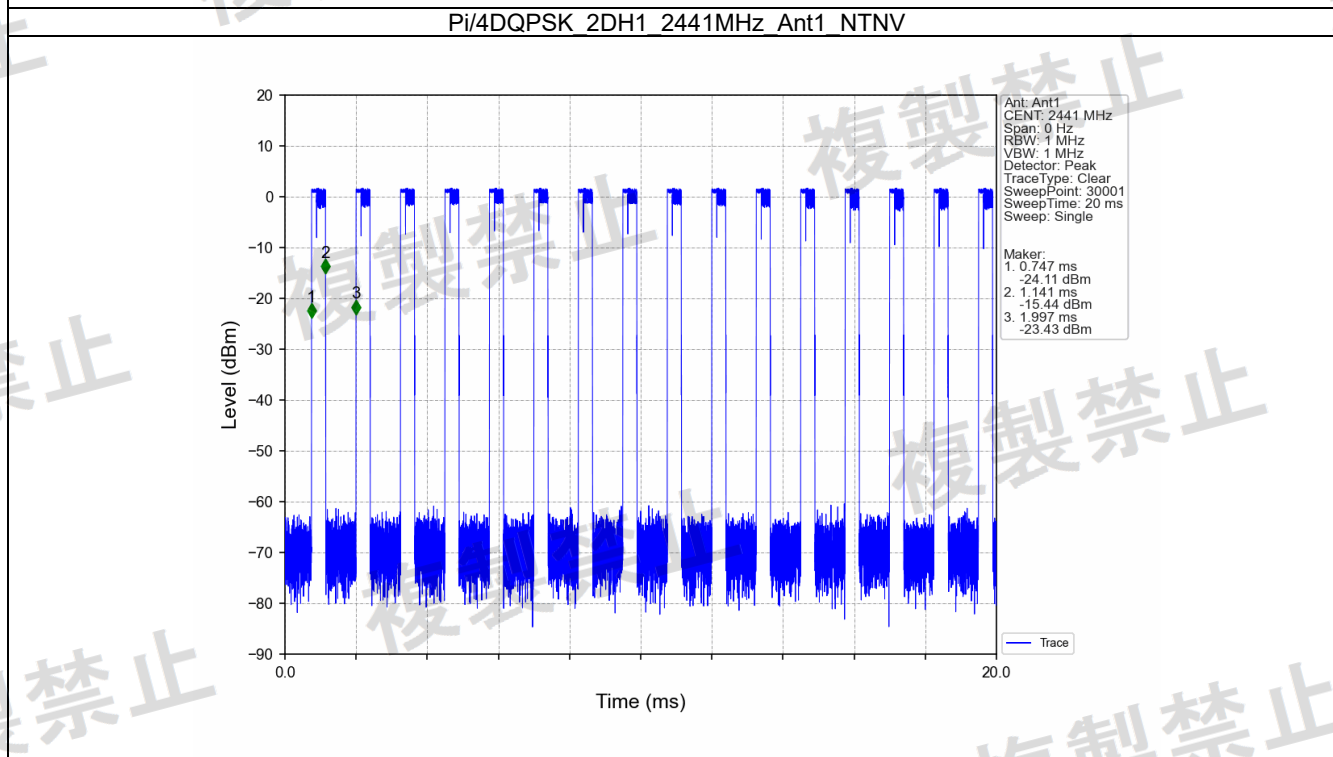
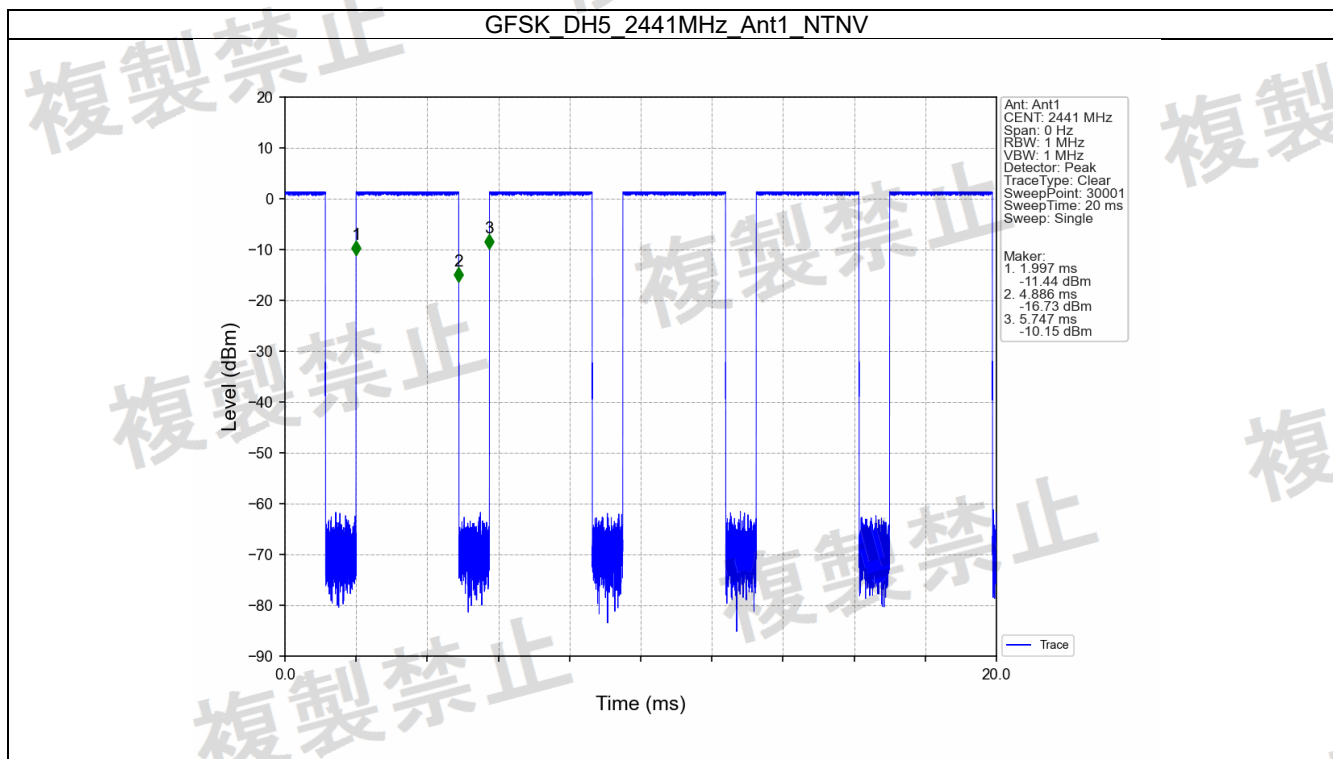
4.1.1 Ant1

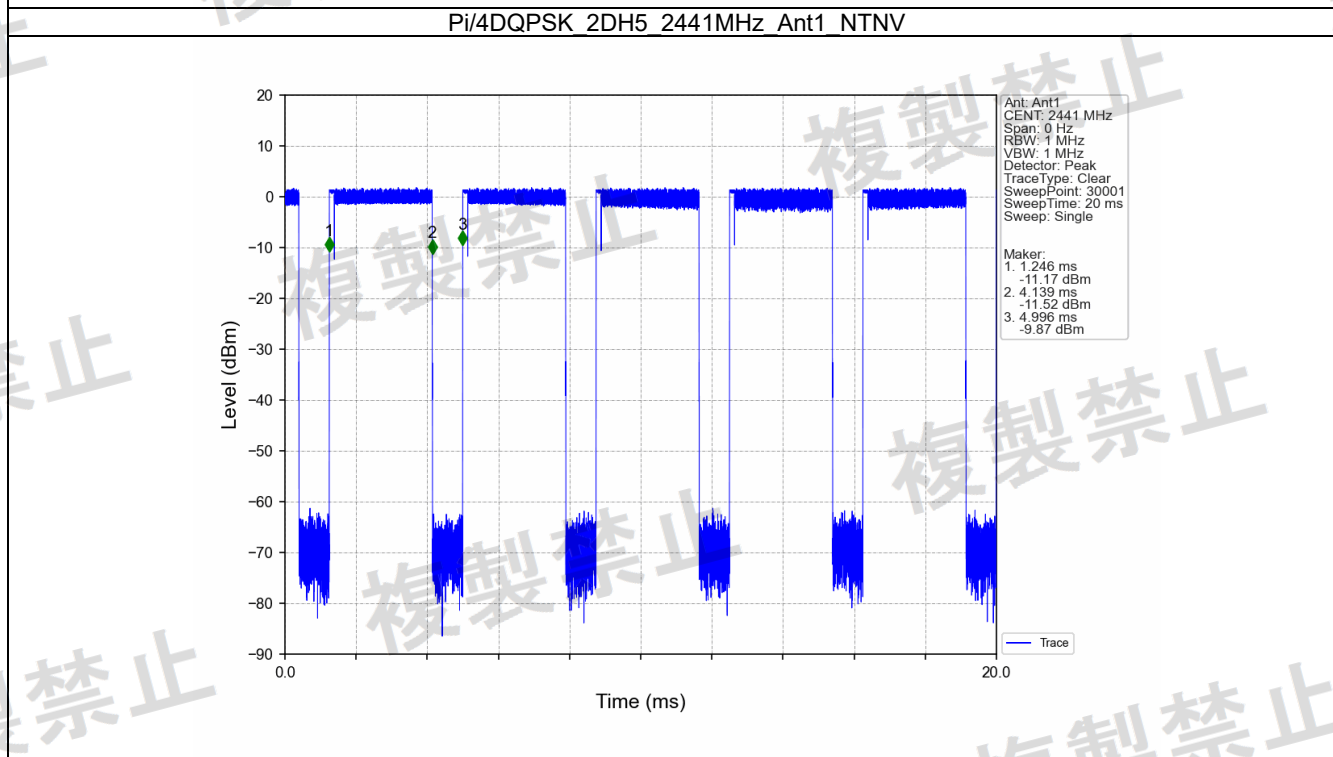
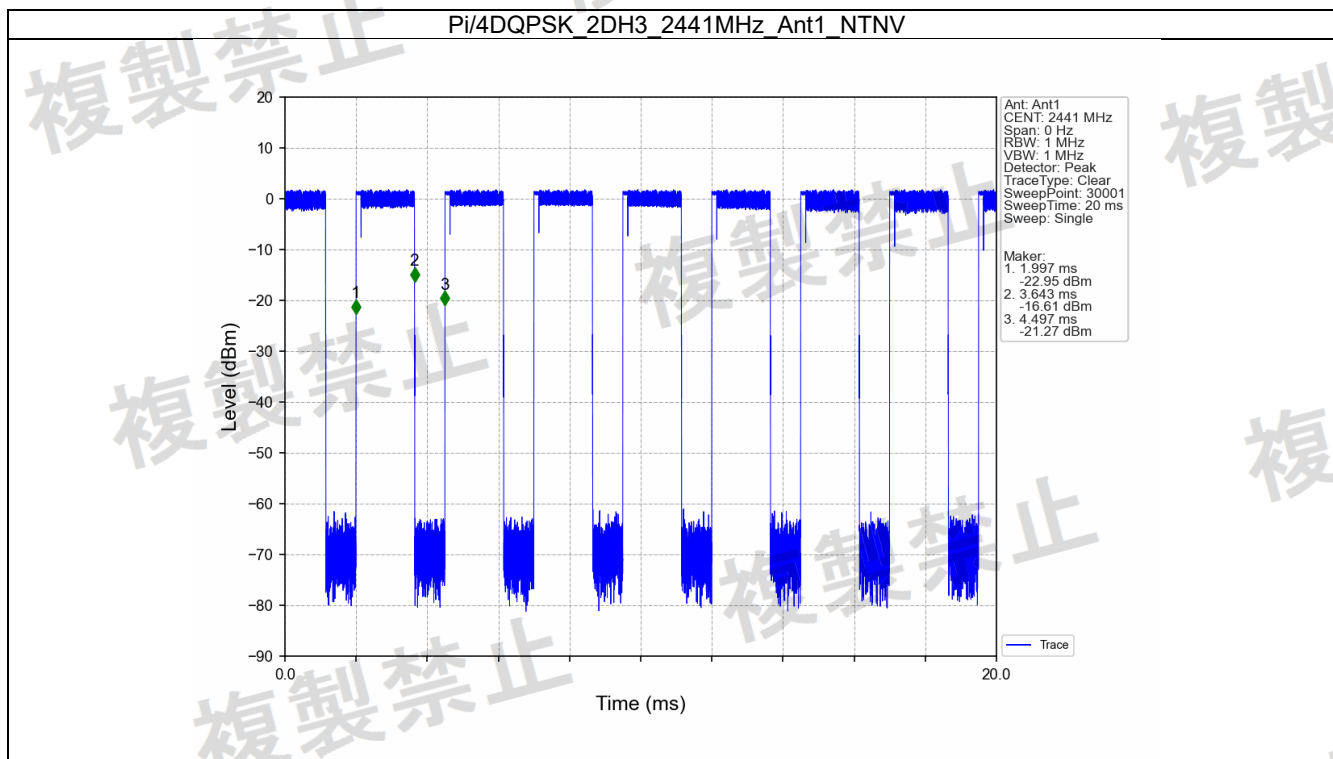
Ant1											
ENV	Mode	TX Type	Frequency (MHz)	Packet Type	Spreading Rate	T _{on} (ms)	Period (ms)	Hopp Number	Dwell Time (ms)		Verdict
									Result	Limit	
NTNV	GFSK	SISO	2441	DH1	71.229	0.384	1.250	79	110.793	<=400	Pass
				DH3	71.229	1.641	2.500	79	236.733	<=400	Pass
				DH5	71.229	2.889	3.750	79	277.847	<=400	Pass
	Pi/4DQPSK	SISO	2441	2DH1	71.265	0.394	1.250	79	113.735	<=400	Pass
				2DH3	71.265	1.646	2.500	79	237.574	<=400	Pass
				2DH5	71.265	2.893	3.750	79	278.373	<=400	Pass
	8DPSK	SISO	2441	3DH1	71.324	0.394	1.250	79	113.829	<=400	Pass
				3DH3	71.324	1.645	2.500	79	237.626	<=400	Pass
				3DH5	71.324	2.896	3.750	79	278.892	<=400	Pass

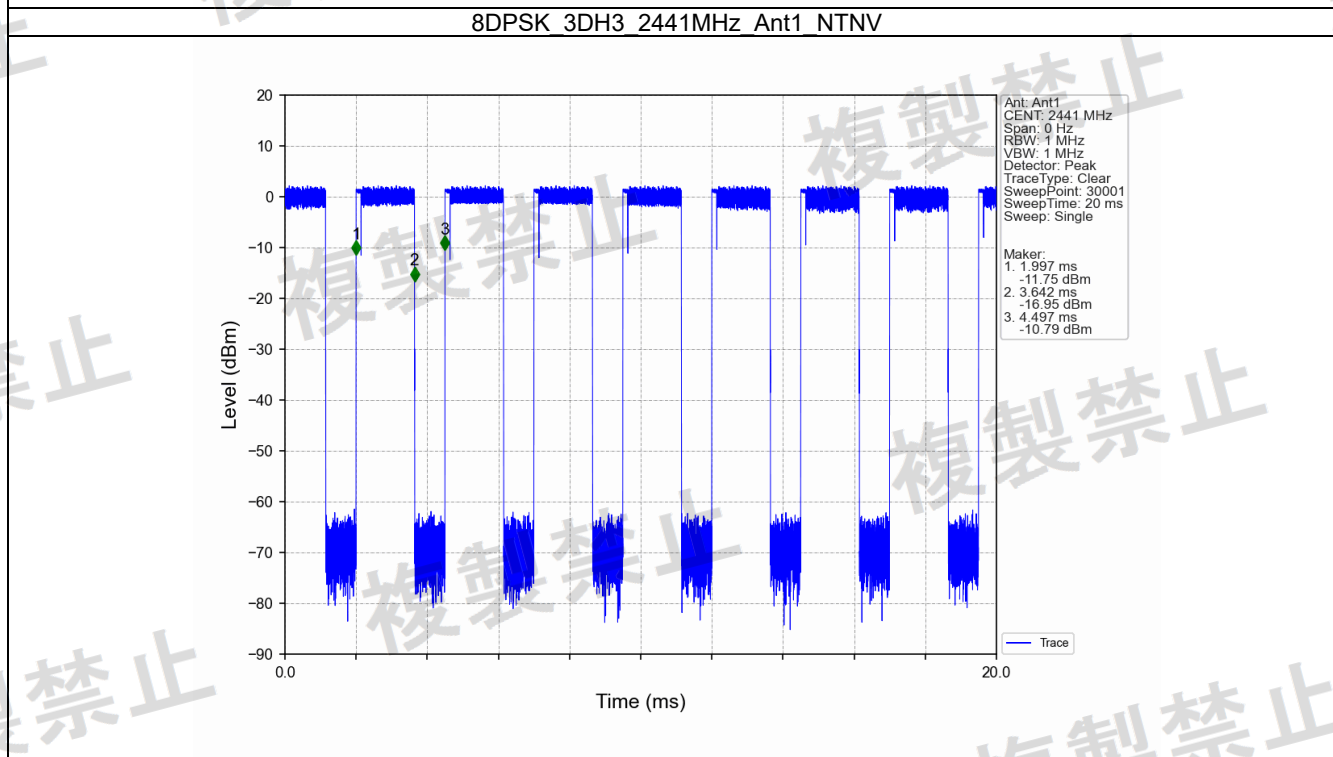
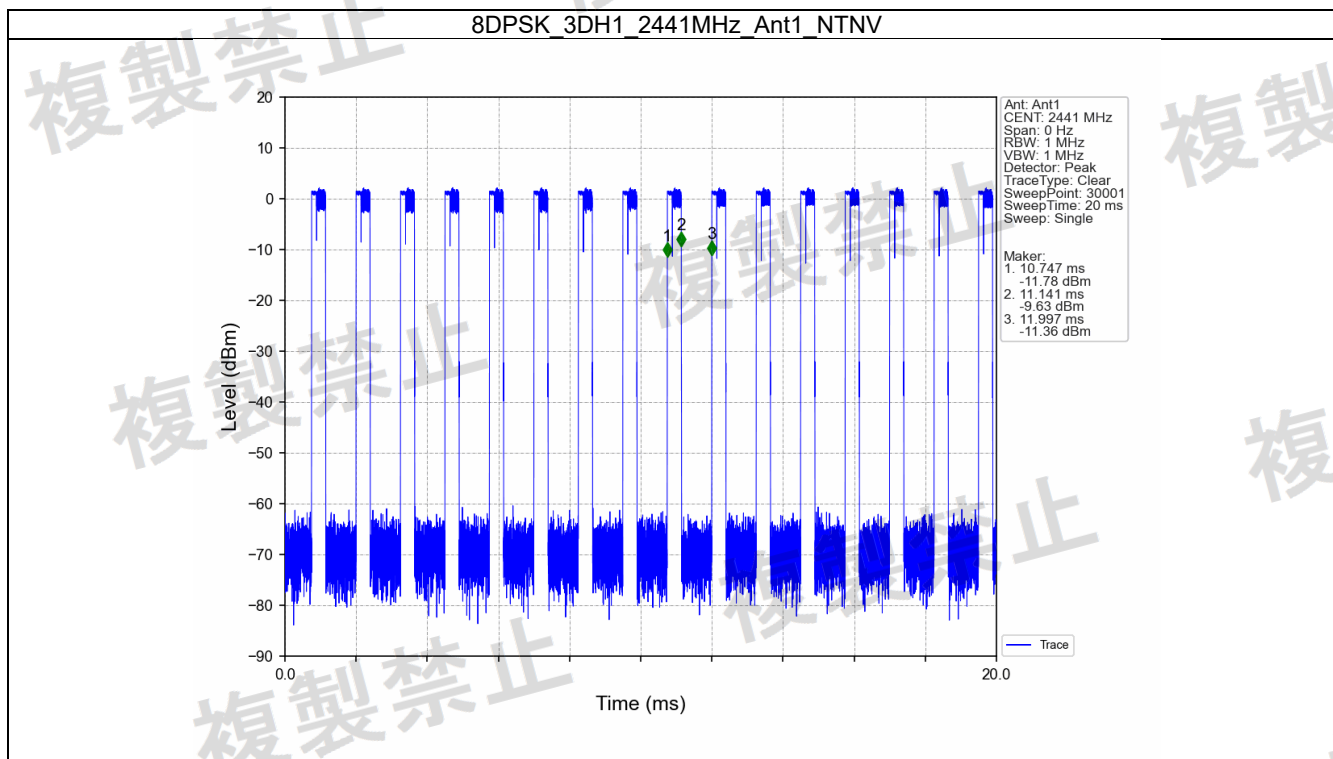
4.2 Test Graph

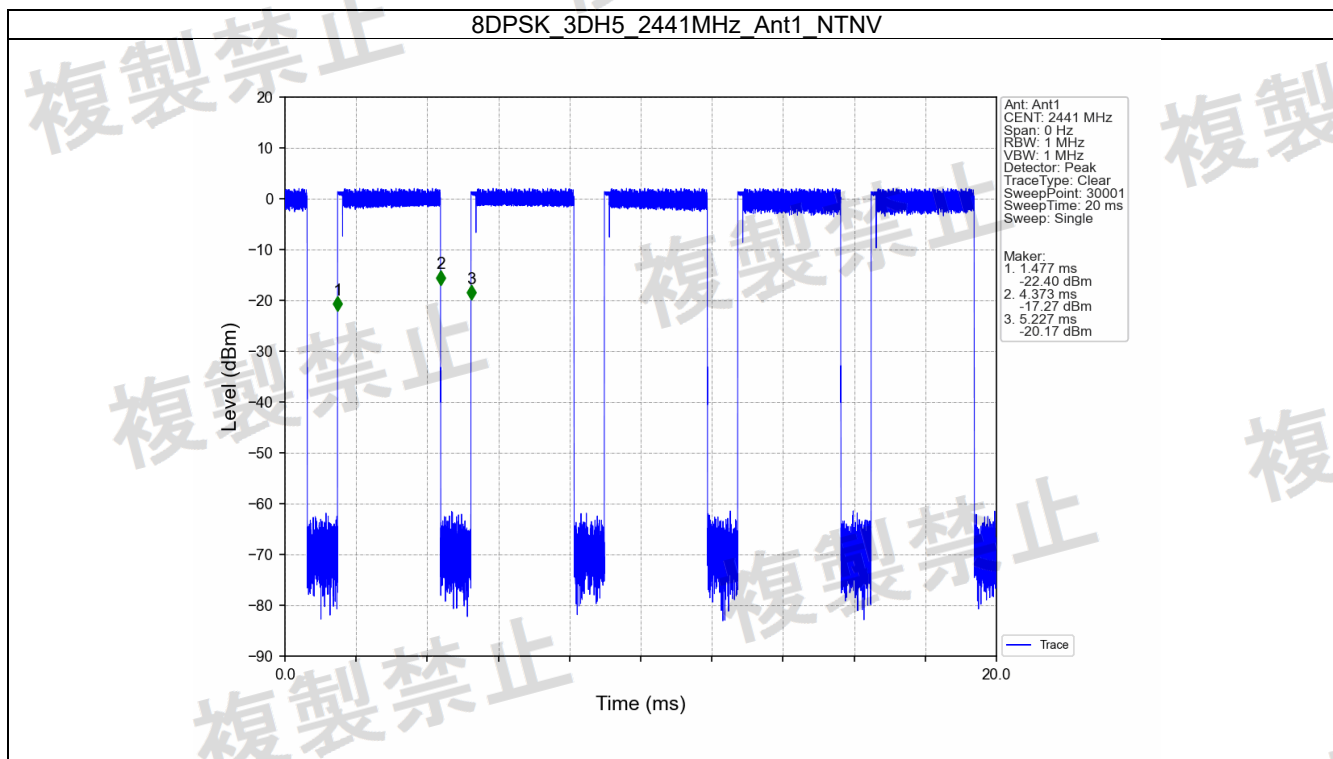
4.2.1 Ant1











5. Spurious Emission Intensity

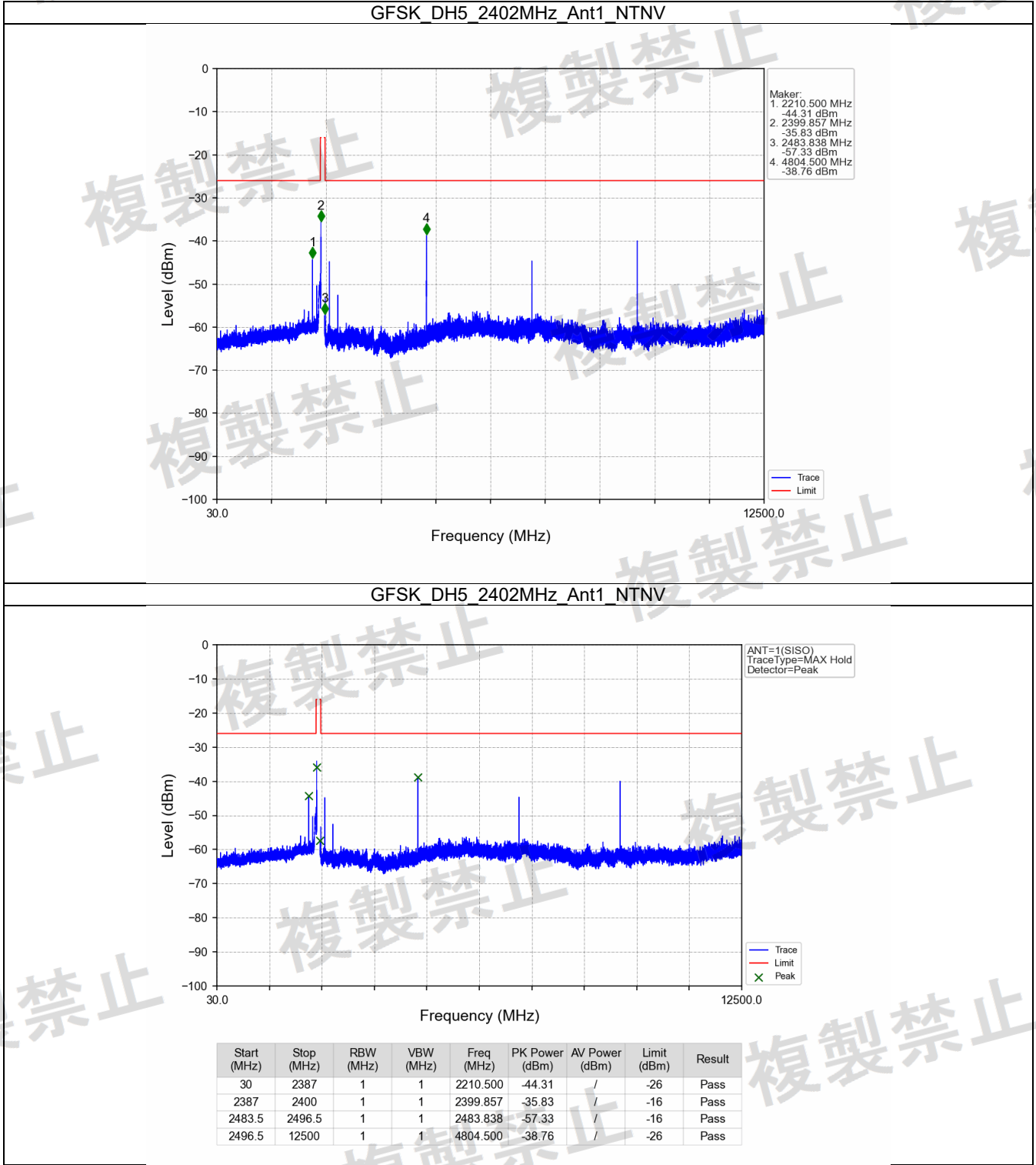
5.1 Test Result

5.1.1 TxSe_NTNV

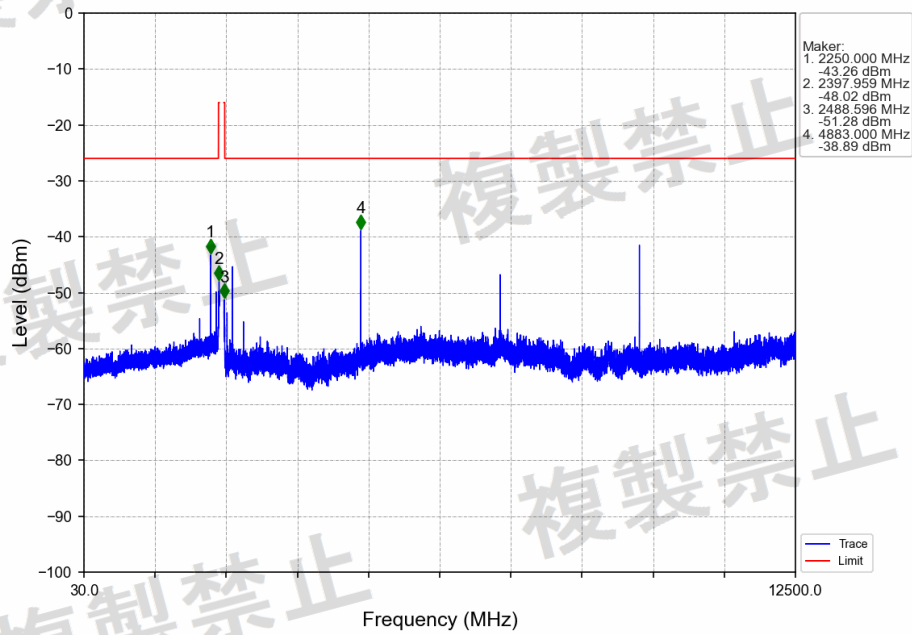
NTNV												
Mode	TX Type	Freq. (MHz)	ANT	Freq. Range		Marker					Limit (uW /MHz)	Verdict
				Start (MHz)	Stop (MHz)	Freq. (MHz)	PK Power (dBm /MHz)	PK Power (uW /MHz)	AV Power (dBm /MHz)	AV Power (uW /MHz)		
GFSK	SISO	2402	1	30	2387	2210.5	-44.31	0.037	/	/	2.5	Pass
				2387	2400	2399.857	-35.83	0.261	/	/	25	Pass
				2483.5	2496.5	2483.838	-57.33	0.002	/	/	25	Pass
				2496.5	12500	4804.5	-38.76	0.133	/	/	2.5	Pass
		2441	1	30	2387	2250	-43.26	0.047	/	/	2.5	Pass
				2387	2400	2397.959	-48.02	0.016	/	/	25	Pass
				2483.5	2496.5	2488.596	-51.28	0.007	/	/	25	Pass
				2496.5	12500	4883	-38.89	0.129	/	/	2.5	Pass
		2480	1	30	2387	2289	-41.27	0.075	/	/	2.5	Pass
				2387	2400	2388.963	-60.24	0.001	/	/	25	Pass
				2483.5	2496.5	2483.604	-45.69	0.027	/	/	25	Pass
				2496.5	12500	9921	-40.11	0.097	/	/	2.5	Pass
Pi/4DQPSK	SISO	2402	1	30	2387	2211	-45.31	0.029	/	/	2.5	Pass
				2387	2400	2399.987	-29.74	1.062	/	/	25	Pass
				2483.5	2496.5	2486.607	-58.31	0.001	/	/	25	Pass
				2496.5	12500	4804.5	-38.78	0.132	/	/	2.5	Pass
		2441	1	30	2387	2249.5	-43.22	0.048	/	/	2.5	Pass
				2387	2400	2398.466	-49.29	0.012	/	/	25	Pass
				2483.5	2496.5	2483.63	-50.80	0.008	/	/	25	Pass
				2496.5	12500	4883	-38.77	0.133	/	/	2.5	Pass
		2480	1	30	2387	2288.5	-41.73	0.067	/	/	2.5	Pass
				2387	2400	2399.415	-58.11	0.002	/	/	25	Pass
				2483.5	2496.5	2483.565	-45.42	0.029	/	/	25	Pass
				2496.5	12500	9921	-39.75	0.106	/	/	2.5	Pass
8DPSK	SISO	2402	1	30	2387	2211	-45.03	0.031	/	/	2.5	Pass
				2387	2400	2399.987	-29.30	1.175	/	/	25	Pass
				2483.5	2496.5	2489.207	-58.19	0.002	/	/	25	Pass
				2496.5	12500	4804.5	-38.57	0.139	/	/	2.5	Pass
		2441	1	30	2387	2250	-43.39	0.046	/	/	2.5	Pass
				2387	2400	2399.012	-48.58	0.014	/	/	25	Pass
				2483.5	2496.5	2484.085	-51.29	0.007	/	/	25	Pass
				2496.5	12500	4883	-39.18	0.121	/	/	2.5	Pass
		2480	1	30	2387	2289	-41.20	0.076	/	/	2.5	Pass
				2387	2400	2387.221	-57.92	0.002	/	/	25	Pass
				2483.5	2496.5	2483.526	-43.53	0.044	/	/	25	Pass
				2496.5	12500	9921	-39.67	0.108	/	/	2.5	Pass

5.2 Test Graph

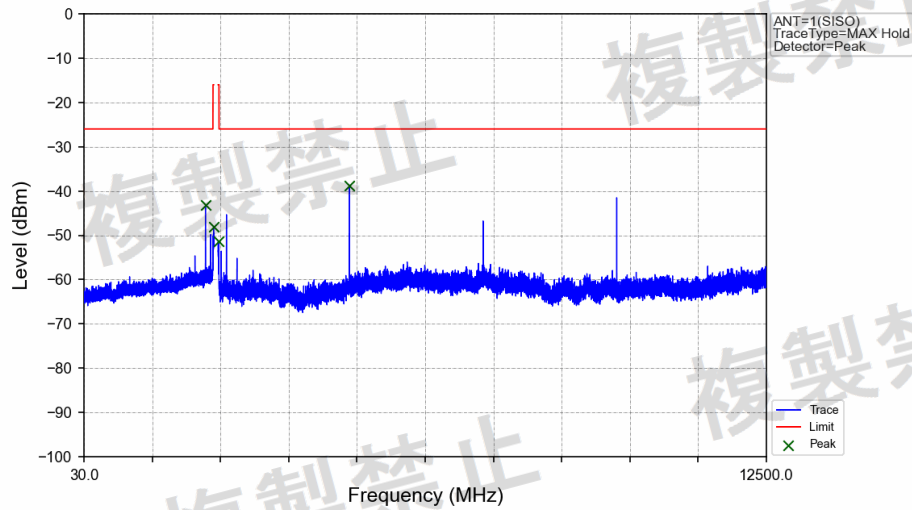
5.2.1 TxSe_NTNV



GFSK DH5_2441MHz_Ant1_NTNV

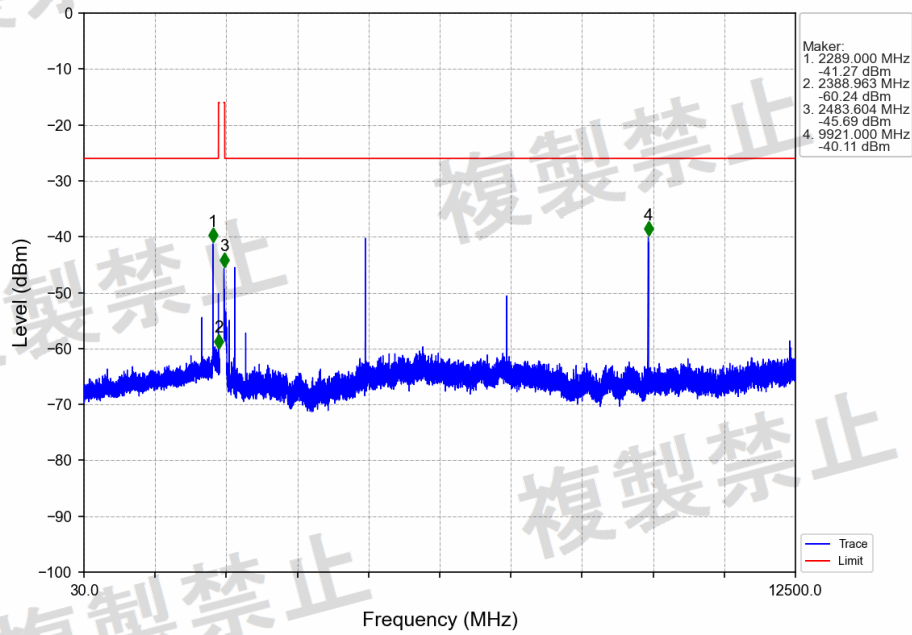


GFSK DH5_2441MHz_Ant1_NTNV

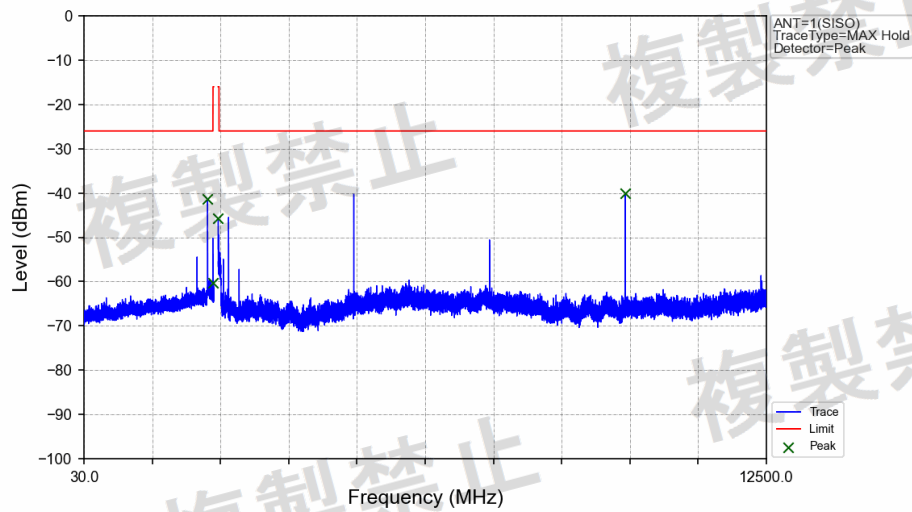


Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Limit (dBm)	Result
30	2387	1	1	2250.000	-43.26	/	-26	Pass
2387	2400	1	1	2397.959	-48.02	/	-16	Pass
2483.5	2496.5	1	1	2488.596	-51.28	/	-16	Pass
2496.5	12500	1	1	4883.000	-38.89	/	-26	Pass

GFSK DH5_2480MHz_Ant1_NTNV

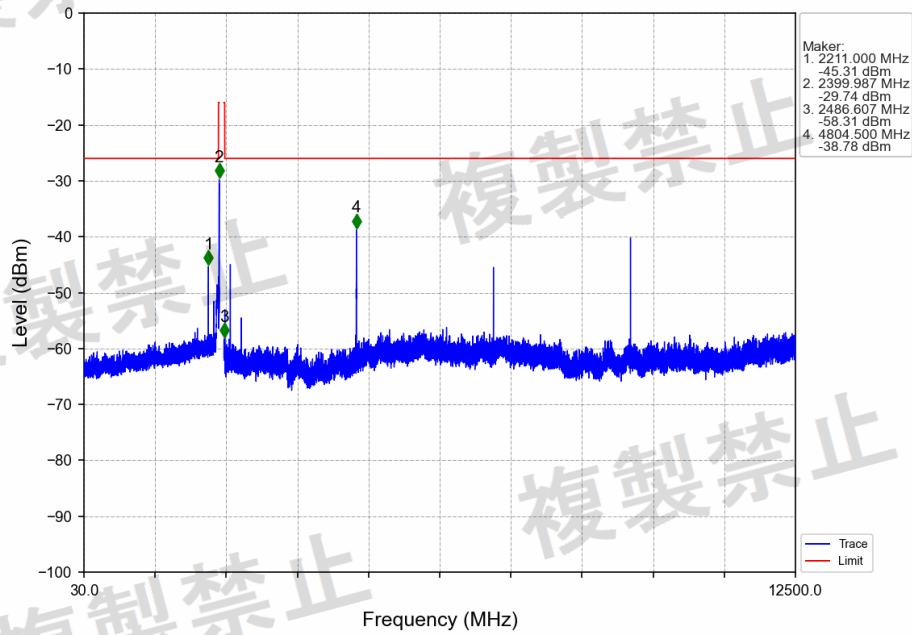


GFSK DH5_2480MHz_Ant1_NTNV

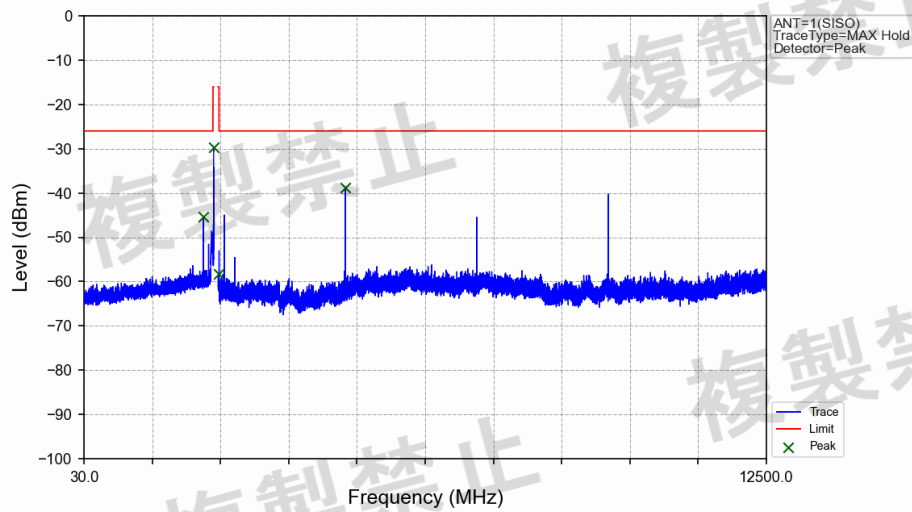


Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Limit (dBm)	Result
30	2387	1	1	2289.000	-41.27	/	-26	Pass
2387	2400	1	1	2388.963	-60.24	/	-16	Pass
2483.5	2496.5	1	1	2483.604	-45.69	/	-16	Pass
2496.5	12500	1	1	9921.000	-40.11	/	-26	Pass

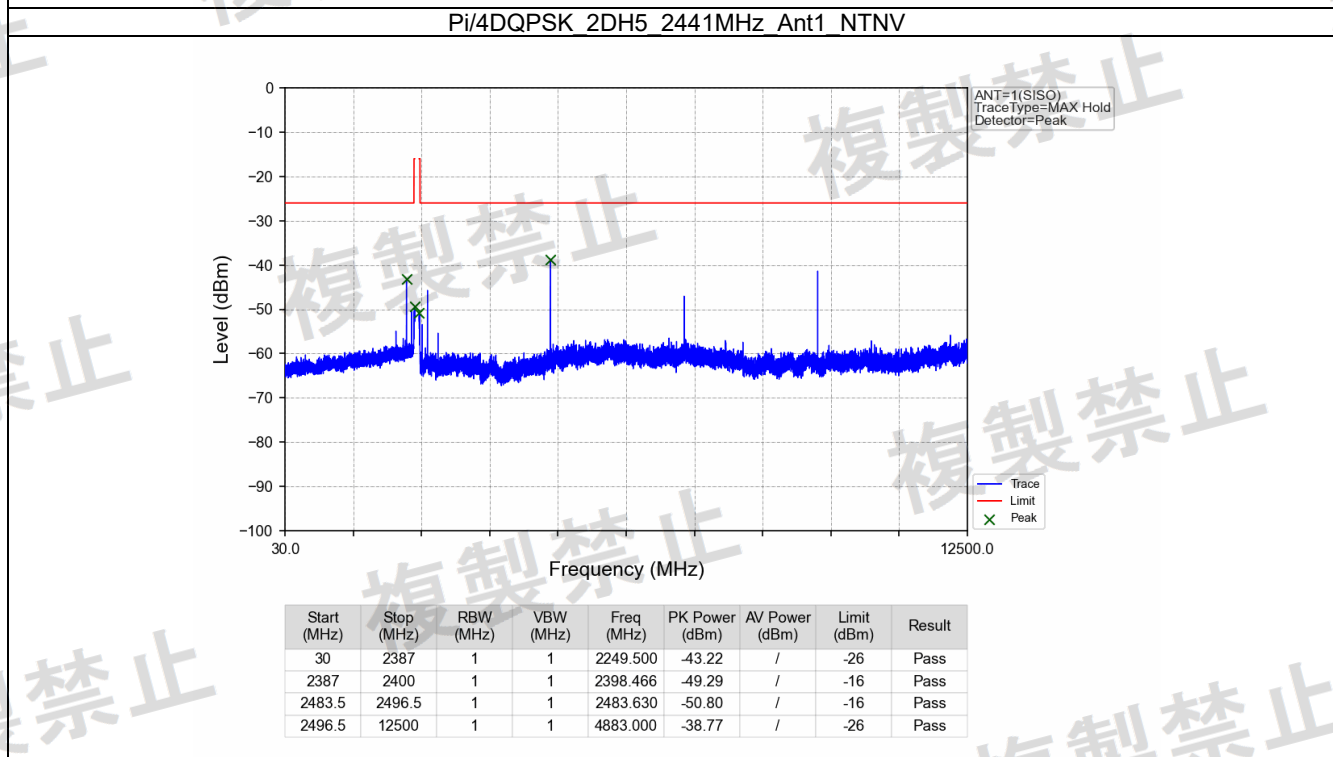
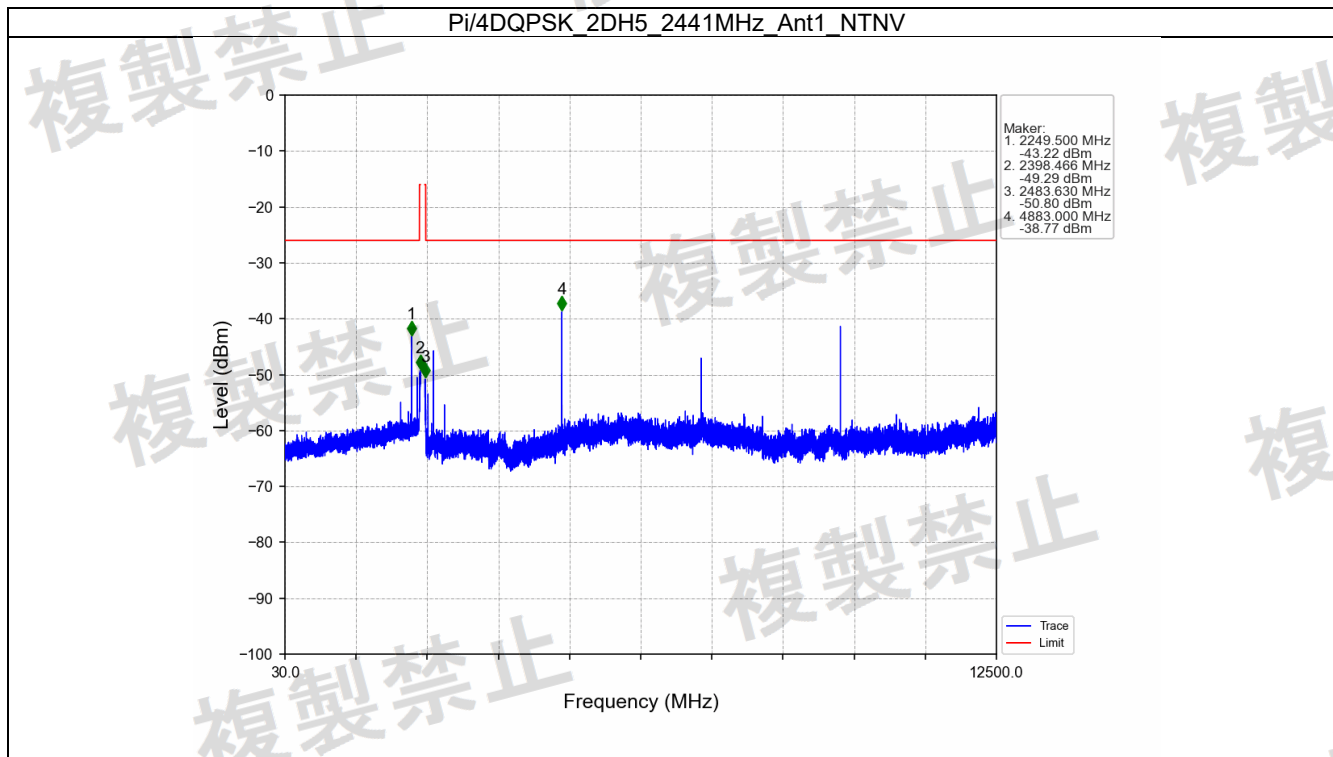
Pi/4DQPSK_2DH5_2402MHz_Ant1_NTNV

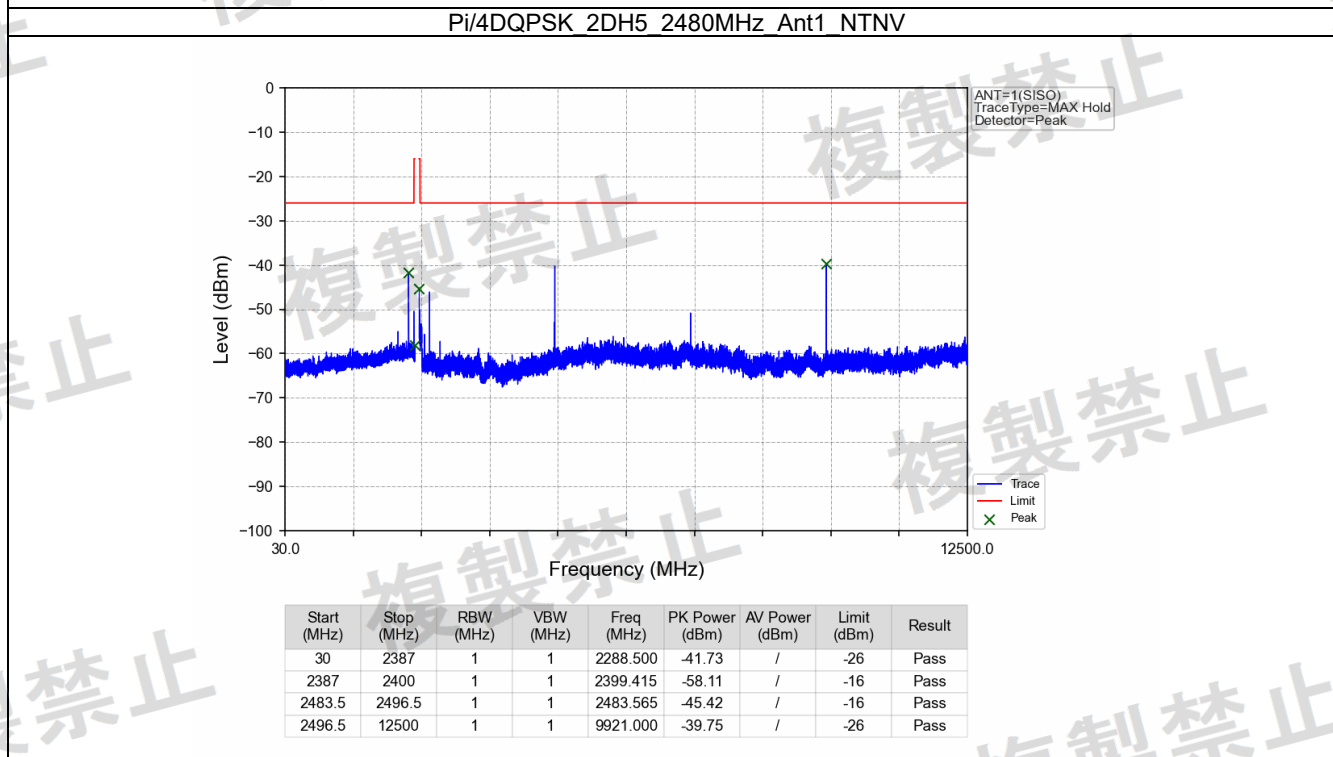
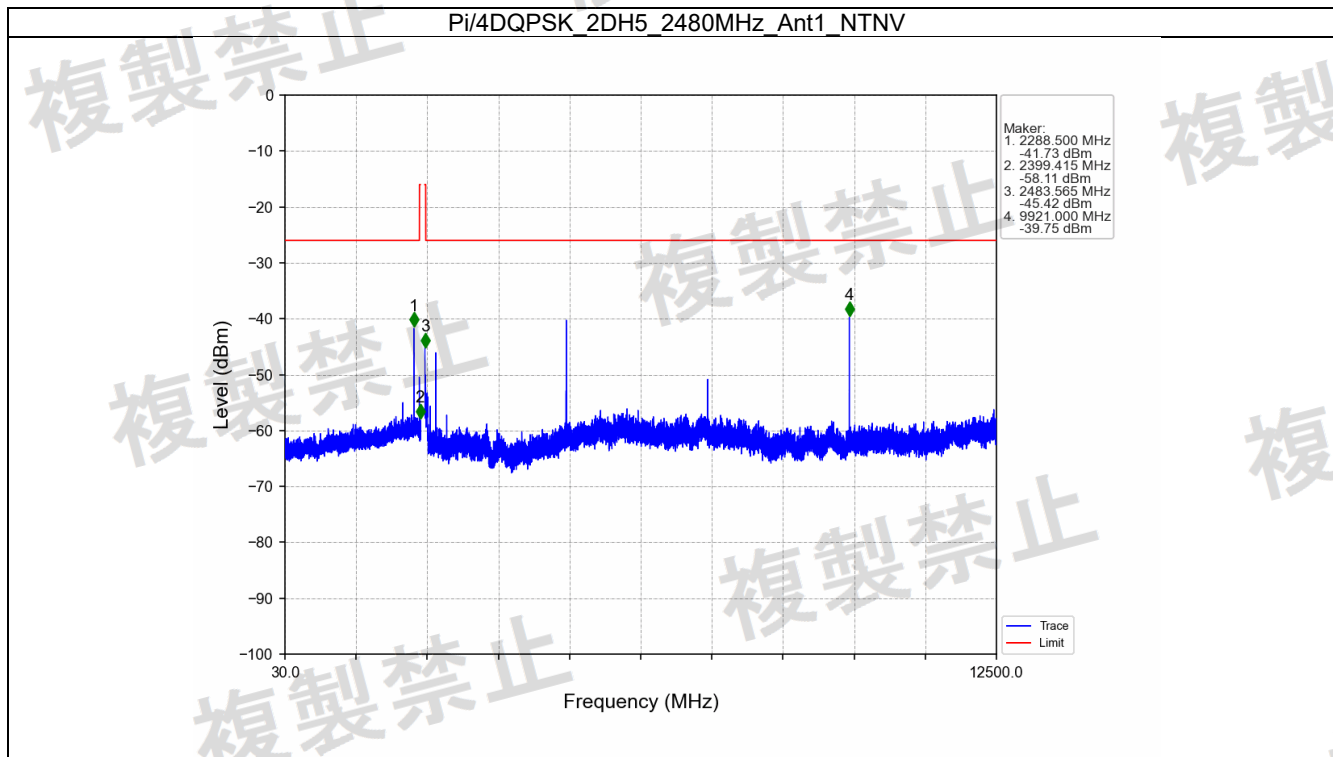


Pi/4DQPSK_2DH5_2402MHz_Ant1_NTNV

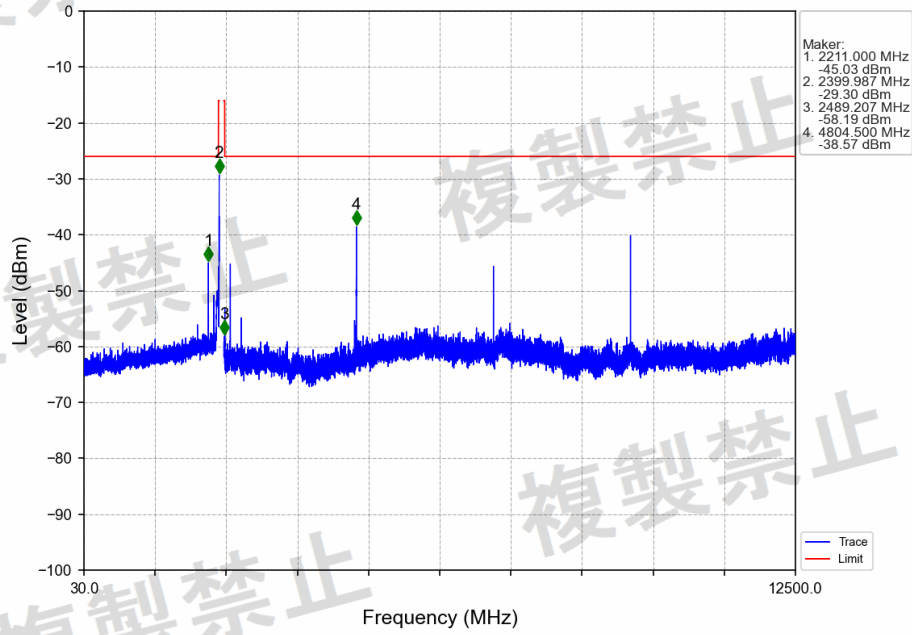


Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Limit (dBm)	Result
30	2387	1	1	2211.000	-45.31	/	-26	Pass
2387	2400	1	1	2399.987	-29.74	/	-16	Pass
2483.5	2496.5	1	1	2486.607	-58.31	/	-16	Pass
2496.5	12500	1	1	4804.500	-38.78	/	-26	Pass

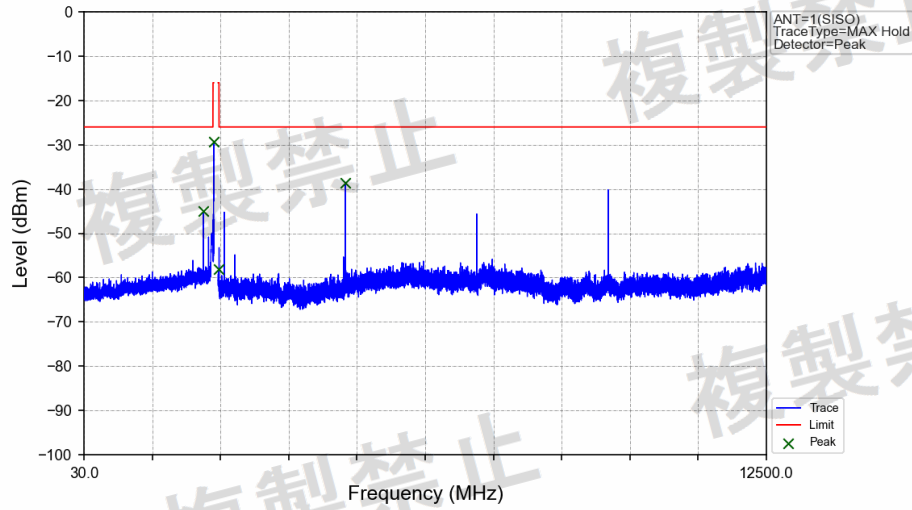




8DPSK 3DH5 2402MHz Ant1 NTN

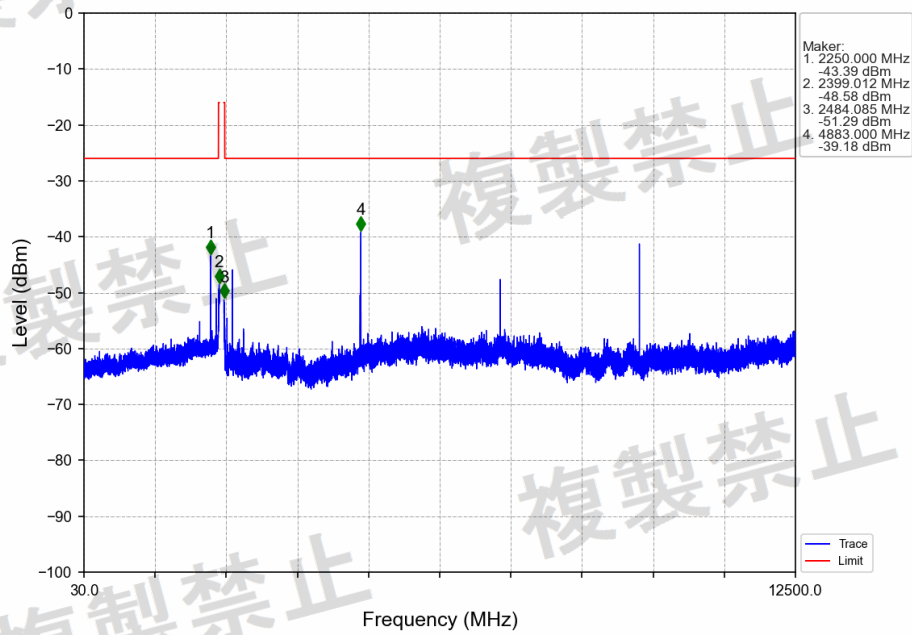


8DPSK 3DH5 2402MHz Ant1 NTN

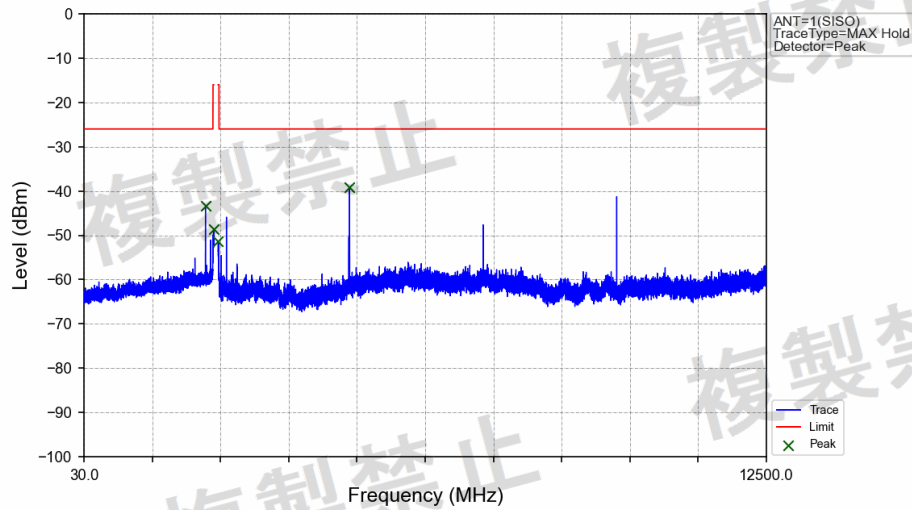


Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Limit (dBm)	Result
30	2387	1	1	2211.000	-45.03	/	-26	Pass
2387	2400	1	1	2399.987	-29.30	/	-16	Pass
2483.5	2496.5	1	1	2489.207	-58.19	/	-16	Pass
2496.5	12500	1	1	4804.500	-38.57	/	-26	Pass

8DPSK 3DH5 2441MHz Ant1_NTNV

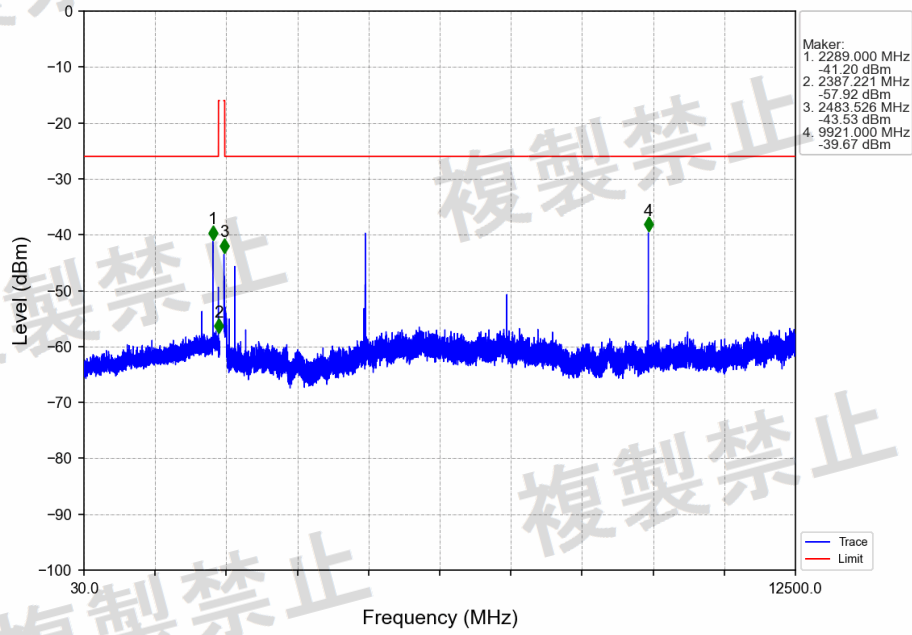


8DPSK 3DH5 2441MHz Ant1_NTNV

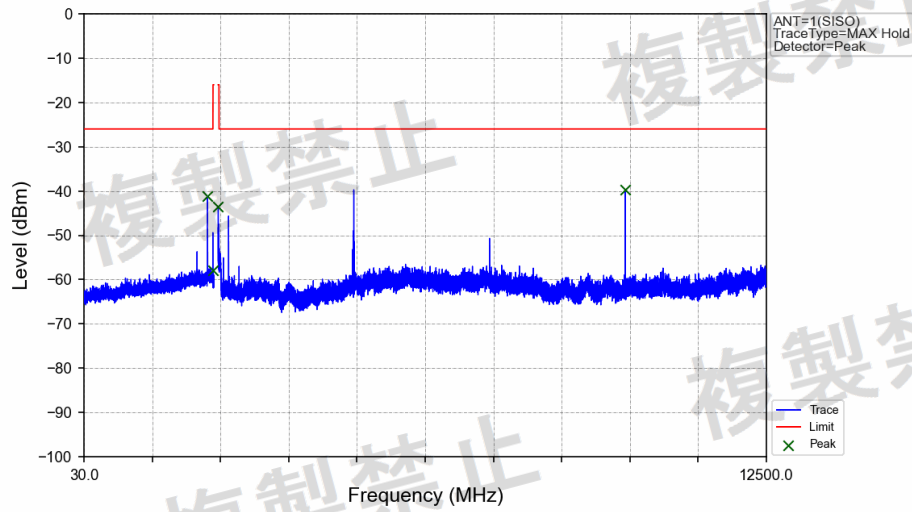


Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Limit (dBm)	Result
30	2387	1	1	2250.000	-43.39	/	-26	Pass
2387	2400	1	1	2399.012	-48.58	/	-16	Pass
2483.5	2496.5	1	1	2484.085	-51.29	/	-16	Pass
2496.5	12500	1	1	4883.000	-39.18	/	-26	Pass

8DPSK 3DH5 2480MHz Ant1 NTN



8DPSK 3DH5 2480MHz Ant1 NTN



Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Limit (dBm)	Result
30	2387	1	1	2289.000	-41.20	/	-26	Pass
2387	2400	1	1	2387.221	-57.92	/	-16	Pass
2483.5	2496.5	1	1	2483.526	-43.53	/	-16	Pass
2496.5	12500	1	1	9921.000	-39.67	/	-26	Pass

6. Secondary Radiated Emission

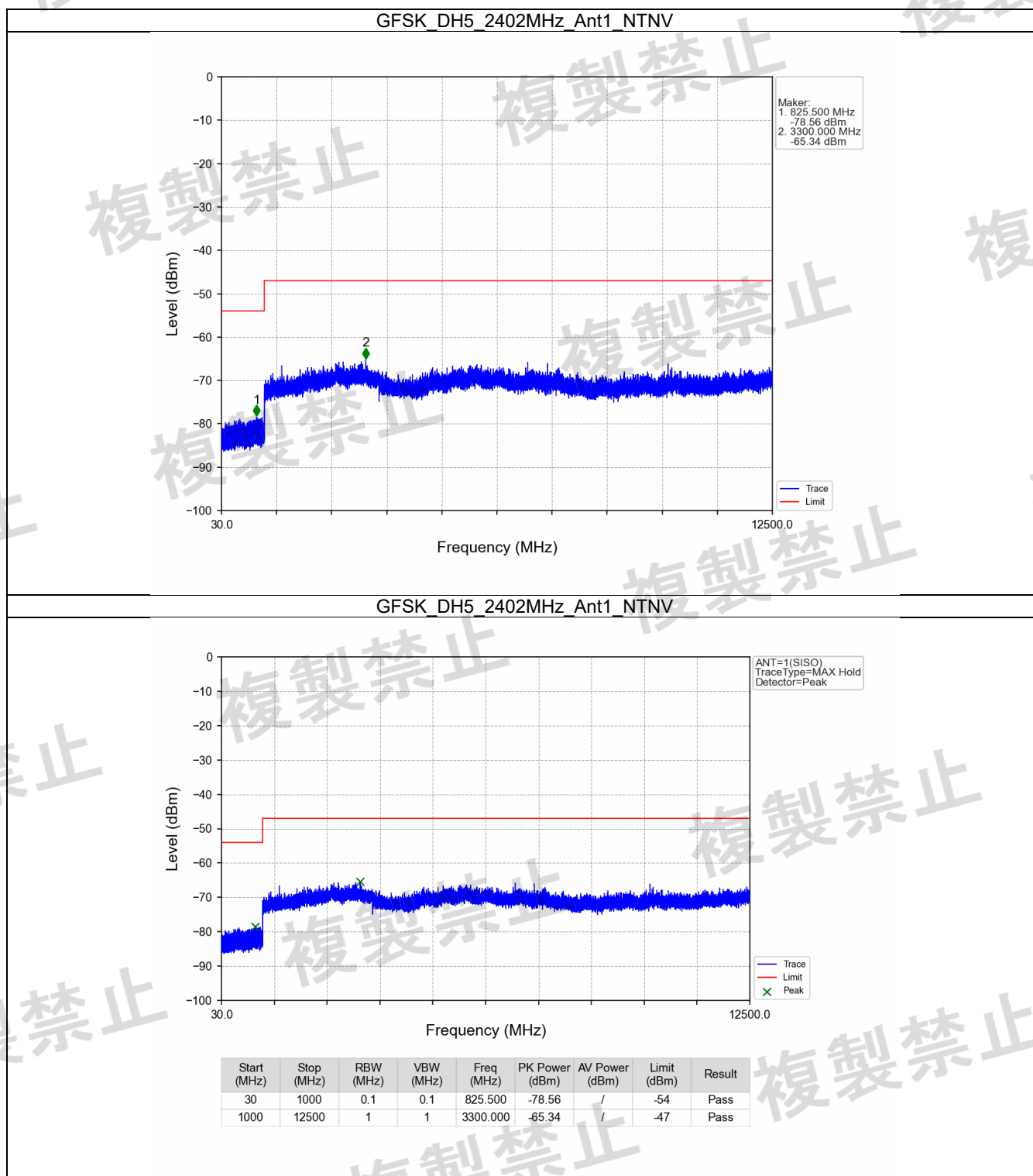
6.1 Test Result

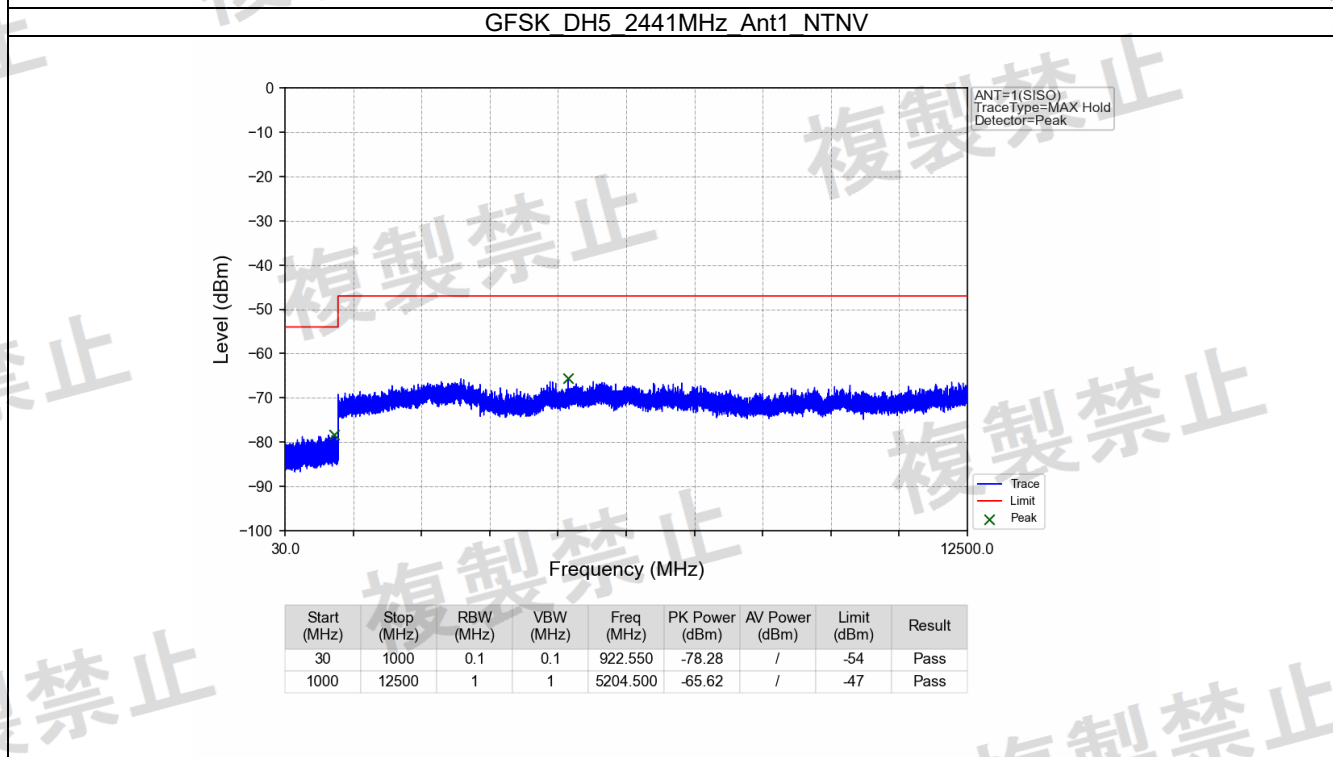
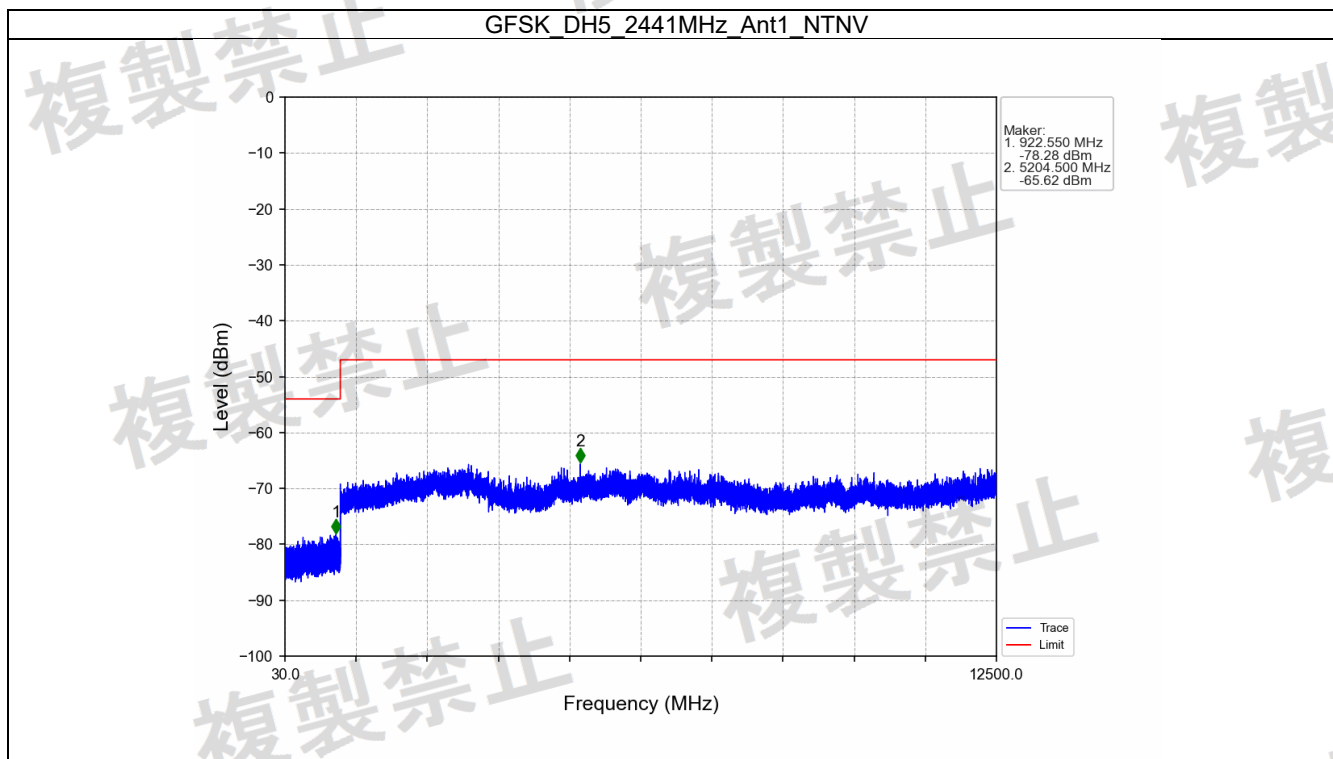
6.1.1 RxSe_NTNV

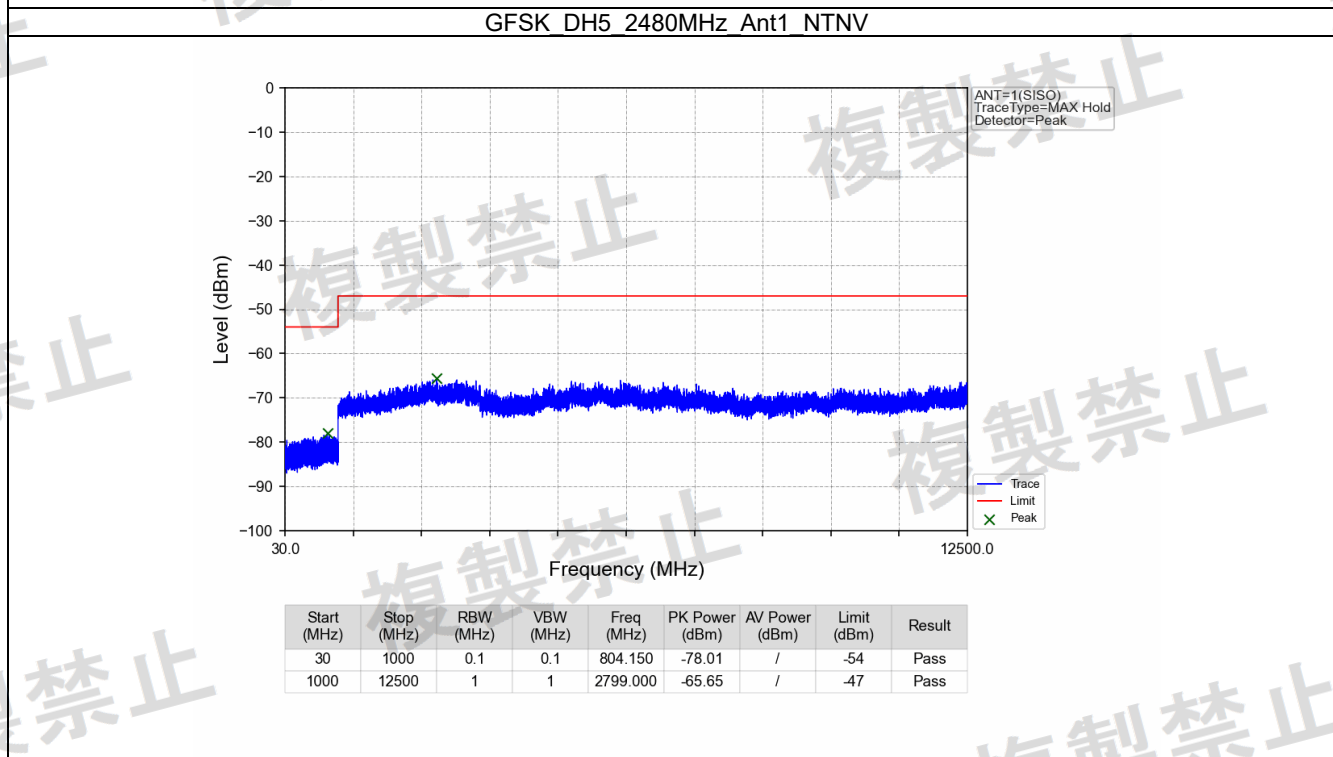
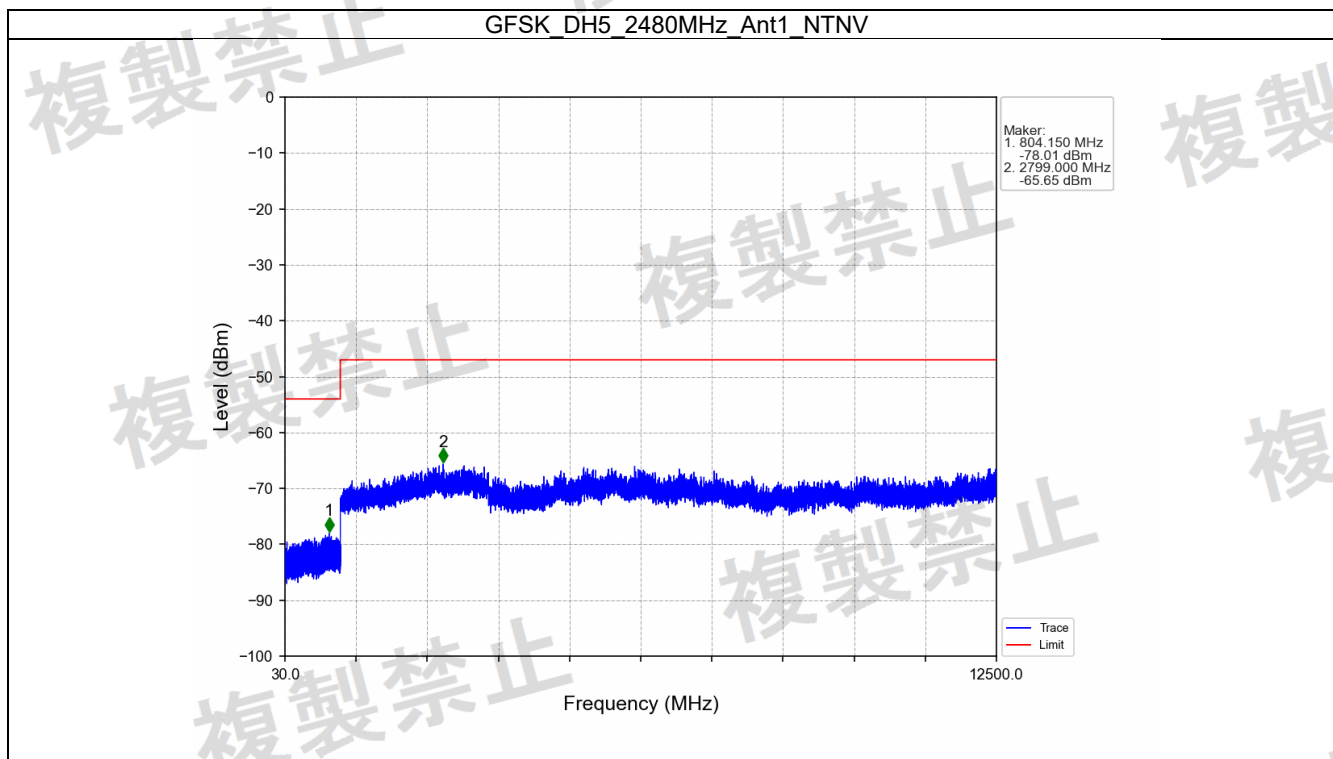
NTNV												
Mode	TX Type	Freq. (MHz)	ANT	Freq. Range		Marker					Limit (nW)	Verdict
				Start (MHz)	Stop (MHz)	Freq. (MHz)	PK Power (dBm)	PK Power (nW)	AV Power (dBm)	AV Power (nW)		
GFSK	SISO	2402	1	30	1000	825.5	-78.56	0.014	/	/	4	Pass
				1000	12500	3300	-65.34	0.292	/	/	20	Pass
		2441	1	30	1000	922.55	-78.28	0.015	/	/	4	Pass
				1000	12500	5204.5	-65.62	0.274	/	/	20	Pass
		2480	1	30	1000	804.15	-78.01	0.016	/	/	4	Pass
				1000	12500	2799	-65.65	0.272	/	/	20	Pass
Pi/4DQPSK	SISO	2402	1	30	1000	623.55	-78.48	0.014	/	/	4	Pass
				1000	12500	3173	-65.19	0.303	/	/	20	Pass
		2441	1	30	1000	360	-78.49	0.014	/	/	4	Pass
				1000	12500	2622	-65.04	0.313	/	/	20	Pass
		2480	1	30	1000	684.55	-78.46	0.014	/	/	4	Pass
				1000	12500	2663	-64.71	0.338	/	/	20	Pass
8DPSK	SISO	2402	1	30	1000	806.1	-77.96	0.016	/	/	4	Pass
				1000	12500	3119	-65.38	0.290	/	/	20	Pass
		2441	1	30	1000	813.8	-77.88	0.016	/	/	4	Pass
				1000	12500	3401.5	-65.34	0.292	/	/	20	Pass
		2480	1	30	1000	721.8	-77.64	0.017	/	/	4	Pass
				1000	12500	3131	-65.29	0.296	/	/	20	Pass

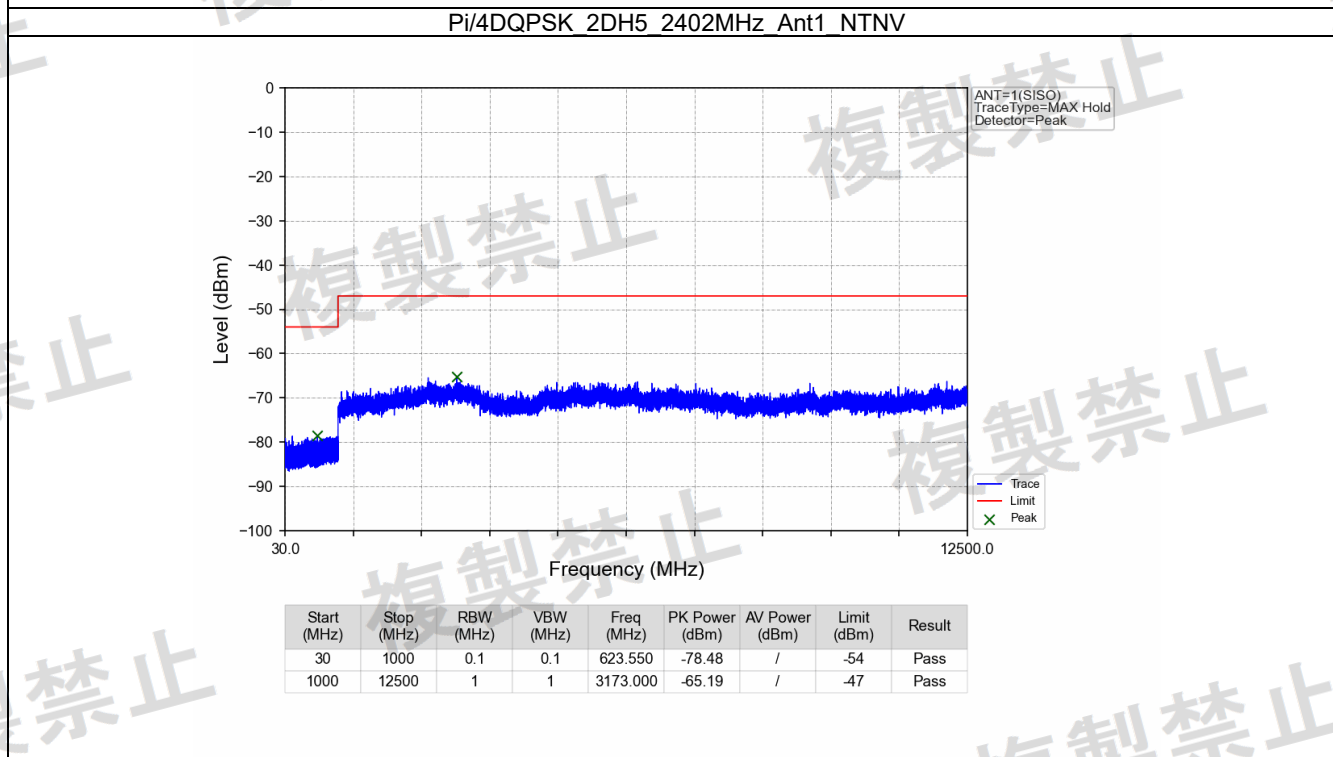
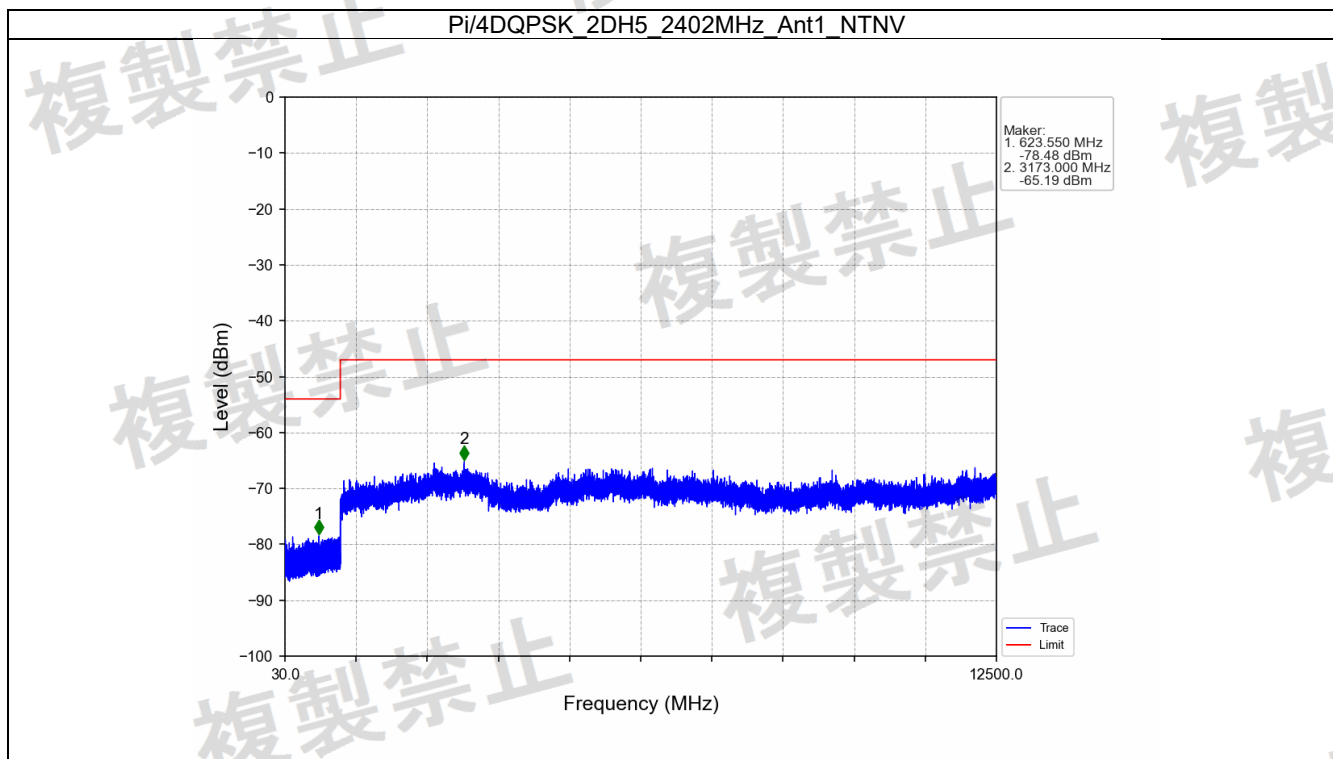
6.2 Test Graph

6.2.1 RxSe_NTNV

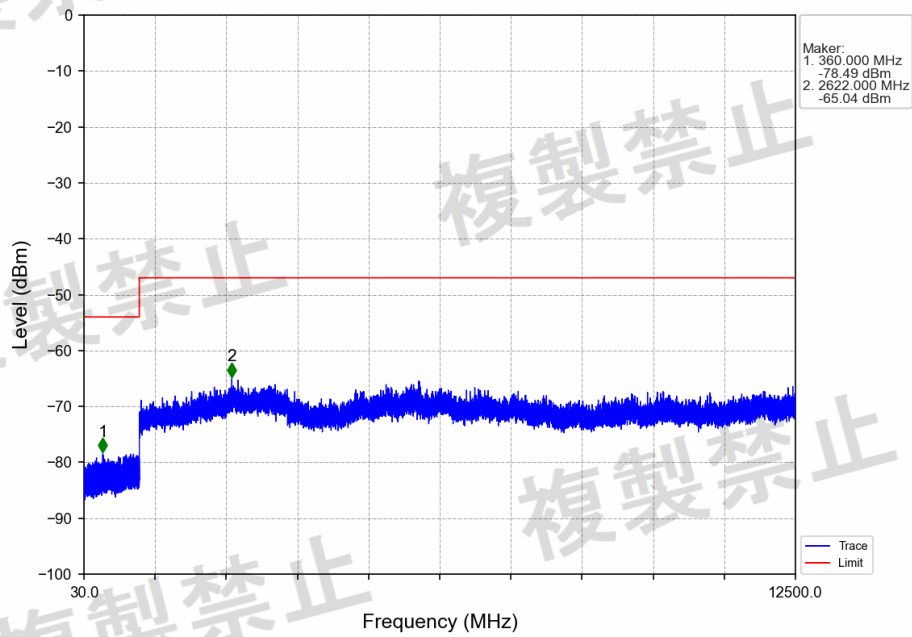




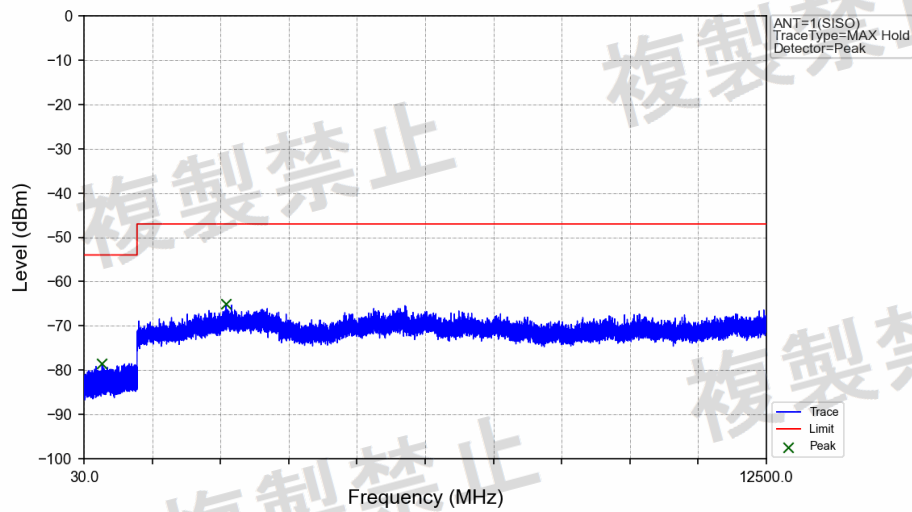




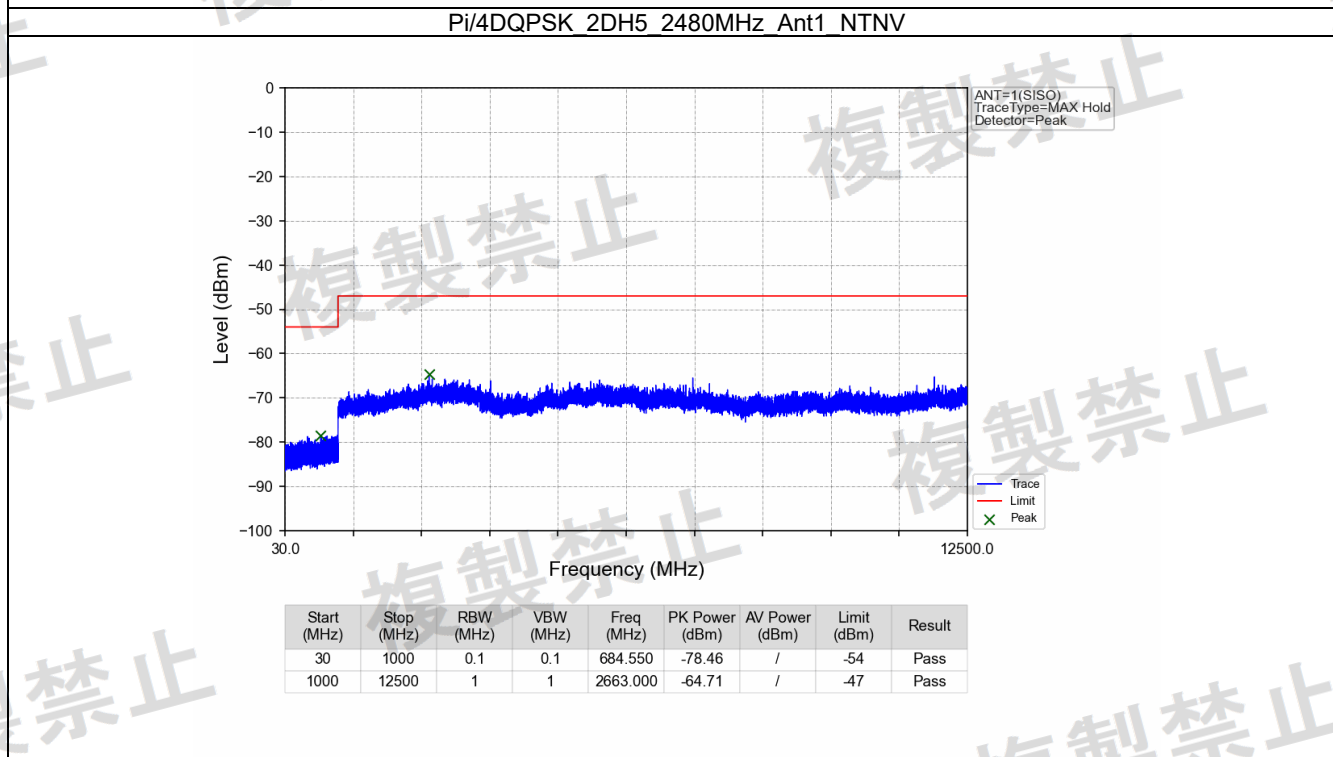
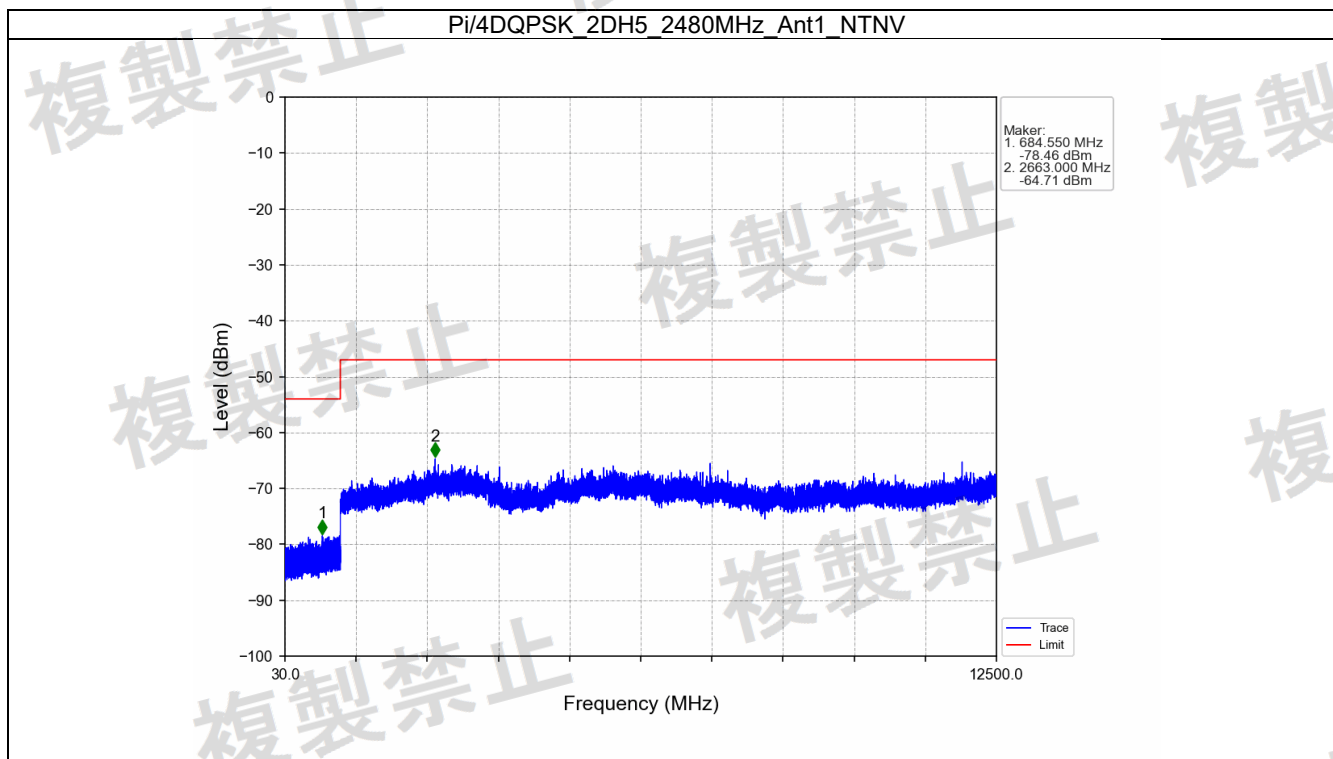
Pi/4DQPSK_2DH5_2441MHz_Ant1_NTNV



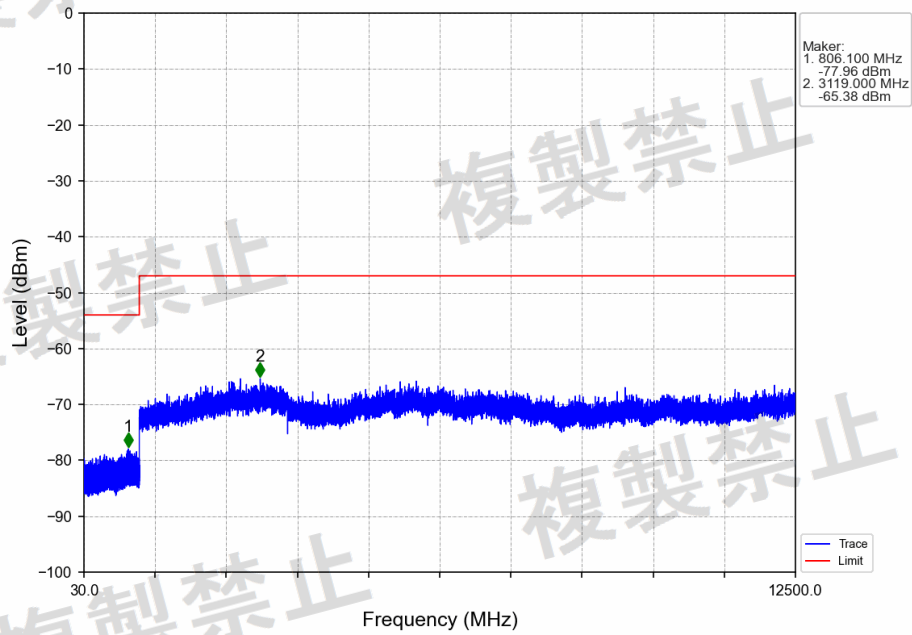
Pi/4DQPSK_2DH5_2441MHz_Ant1_NTNV



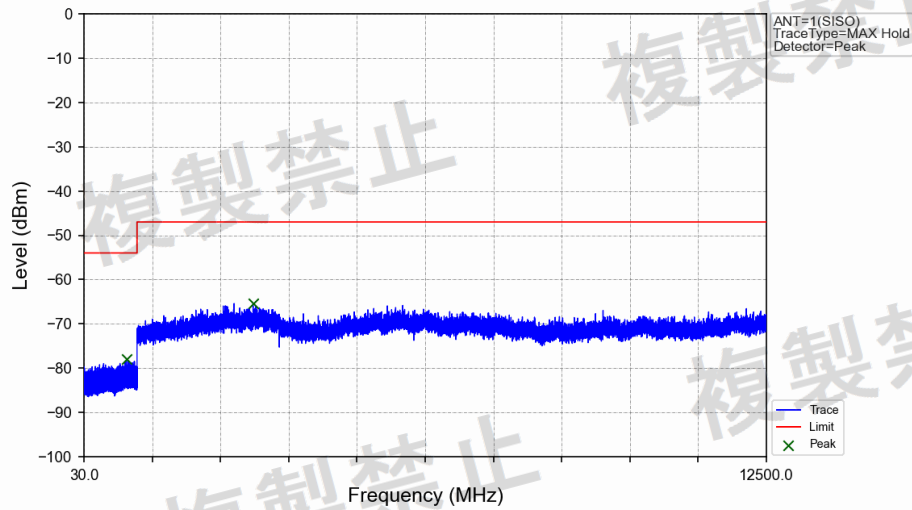
Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Limit (dBm)	Result
30	1000	0.1	0.1	360.000	-78.49	/	-54	Pass
1000	12500	1	1	2622.000	-65.04	/	-47	Pass



8DPSK 3DH5_2402MHz_Ant1_NTNV

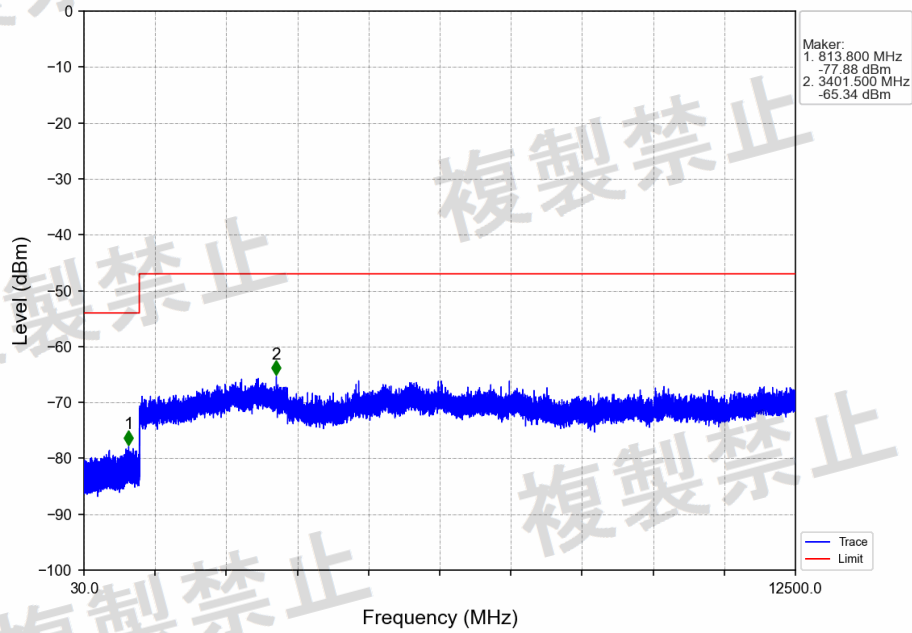


8DPSK 3DH5_2402MHz_Ant1_NTNV

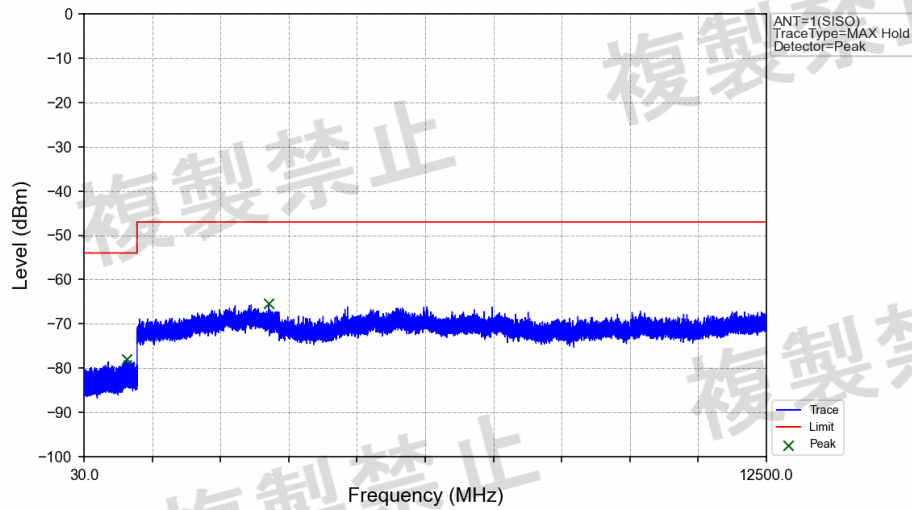


Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Limit (dBm)	Result
30	1000	0.1	0.1	806.100	-77.96	/	-54	Pass
1000	12500	1	1	3119.000	-65.38	/	-47	Pass

8DPSK 3DH5 2441MHz Ant1_NTNV

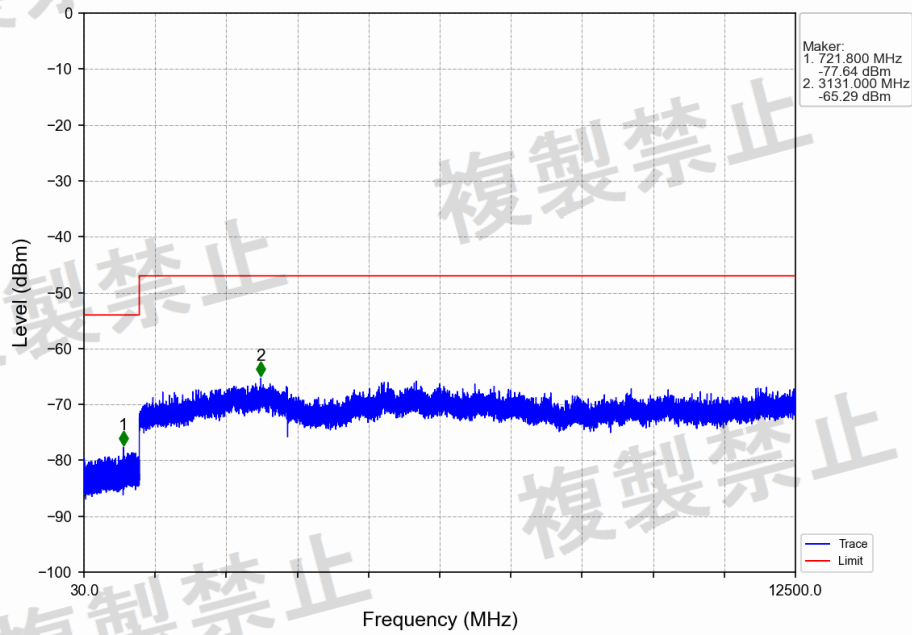


8DPSK 3DH5 2441MHz Ant1_NTNV

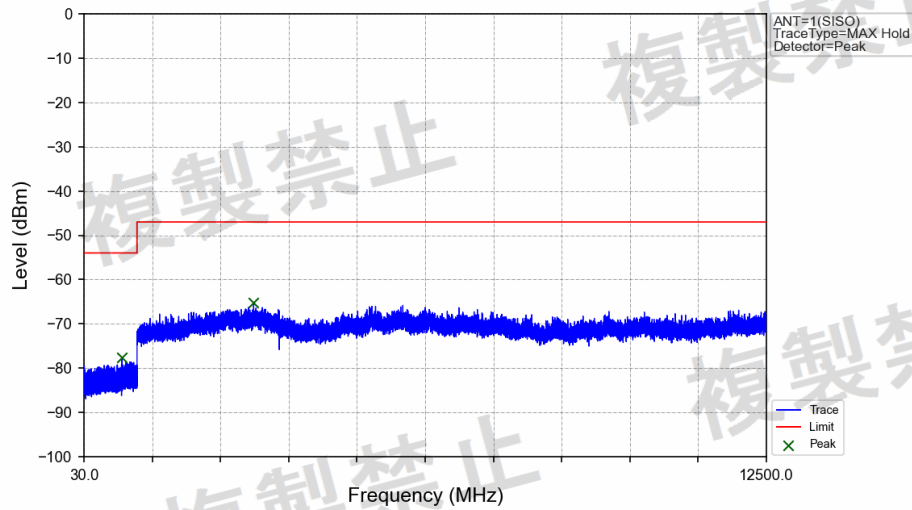


Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Limit (dBm)	Result
30	1000	0.1	0.1	813.800	-77.88	/	-54	Pass
1000	12500	1	1	3401.500	-65.34	/	-47	Pass

8DPSK 3DH5 2480MHz Ant1_NTNV



8DPSK 3DH5 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	721.800	-77.64	/	-54	Pass
1000	12500	1	1	3131.000	-65.29	/	-47	Pass