

TELEC WIFI 2.4G

MIC WIFI 2.4G Test Data

Applicant: Shenzhen Xinzhi Future Technology Co., Ltd

Address: Room 801, Hivac Technology Building, No.8 South Keji Road, Hi-tech ParkNanshan, Shenzhen, PR.C

Manufacturer: Shenzhen Xinzhi Future Technology Co., Ltd

Address: Room 801, Hivac Technology Building, No.8 South Keji Road, Hi-tech ParkNanshan, Shenzhen, PR.C

Product Name: Whispal Smart Calendar

Trade Mark: N/A

Model Number: WF156A

Date of Receipt: Jul. 29, 2026

Test Date: Jul. 29, 2026 - Aug. 10, 2026

Date of Report: Aug. 10, 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: ARIB STD T-66 Ver.3.7

Standards: Article2 Paragraph 1, item 19
MIC Notice No.88 Appendix No.43

Test Result: Pass

Report Number: DLE-260729006R

1. Frequency Error

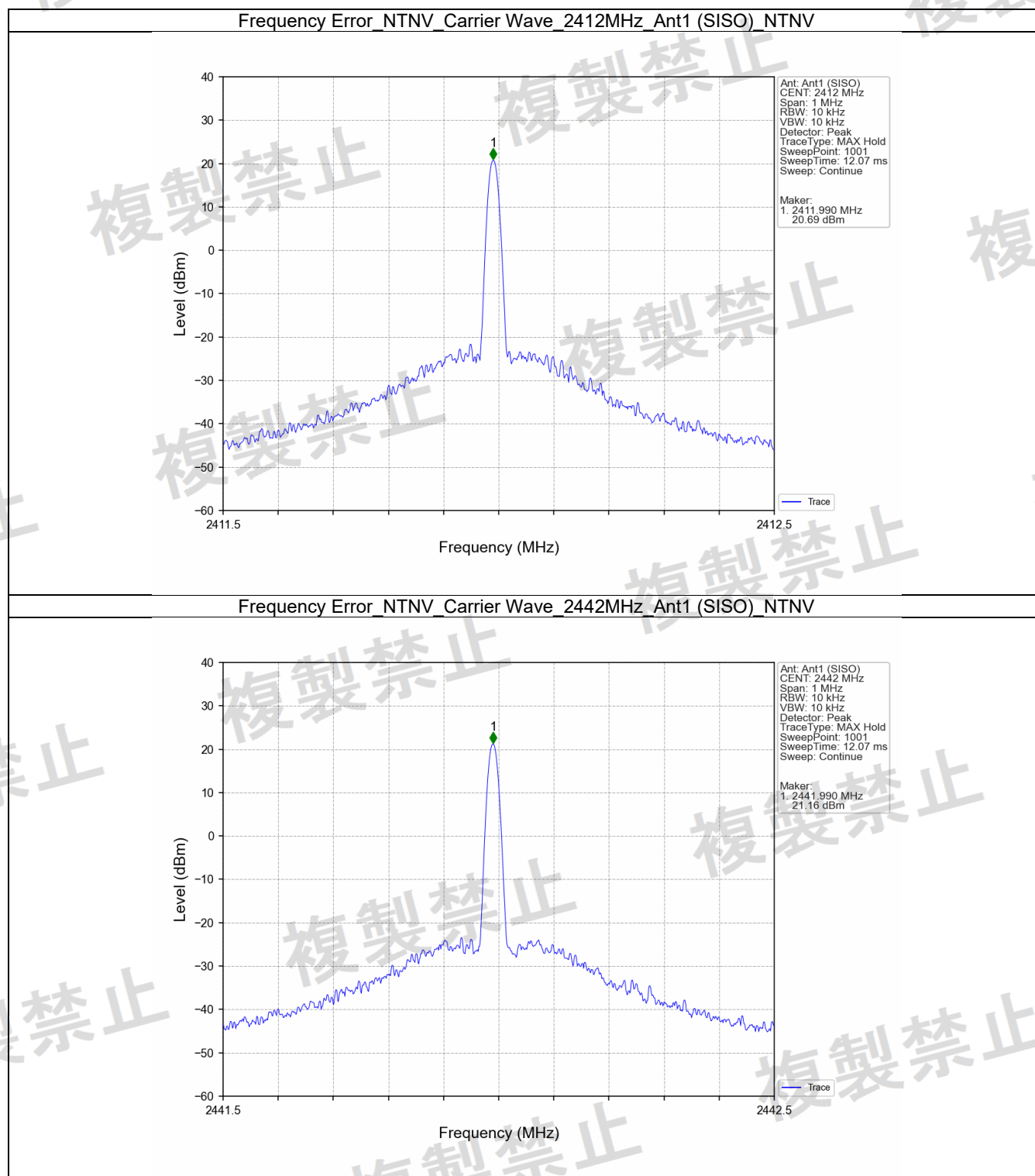
1.1 Test Result

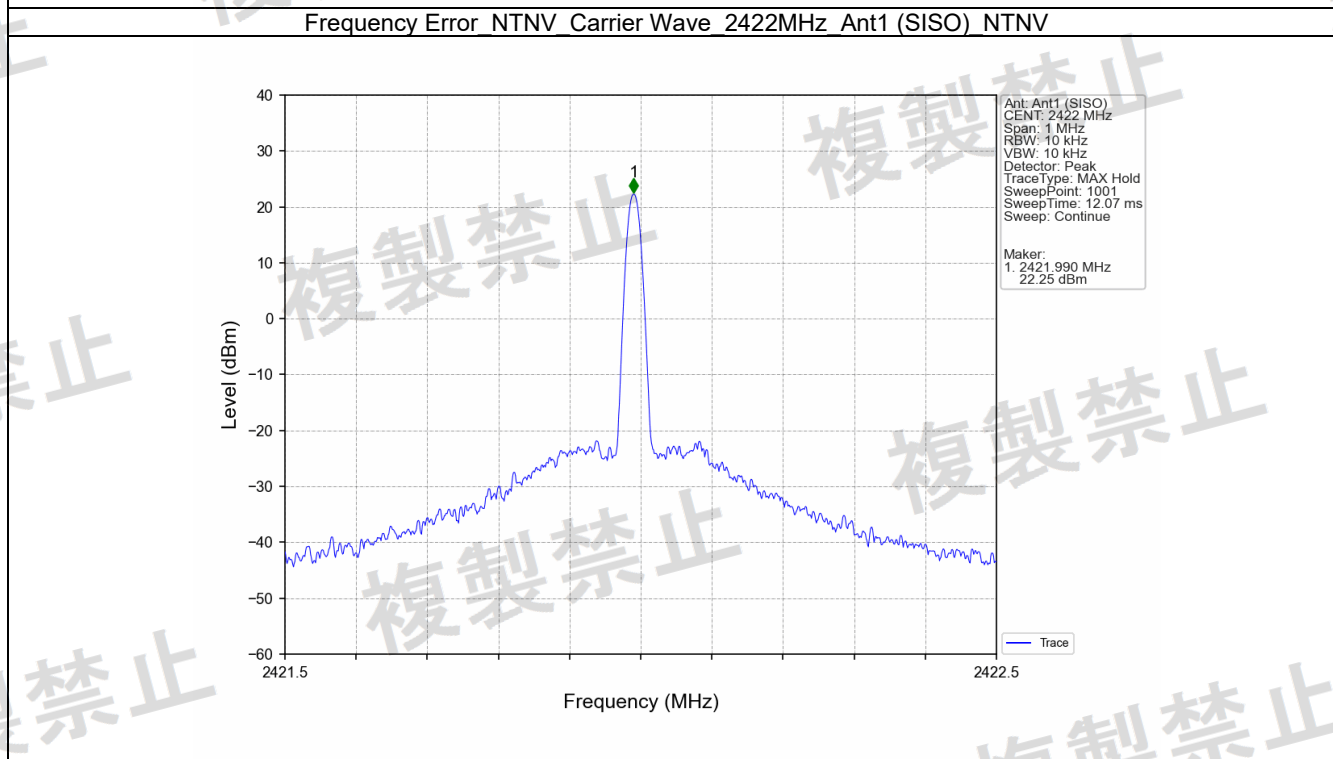
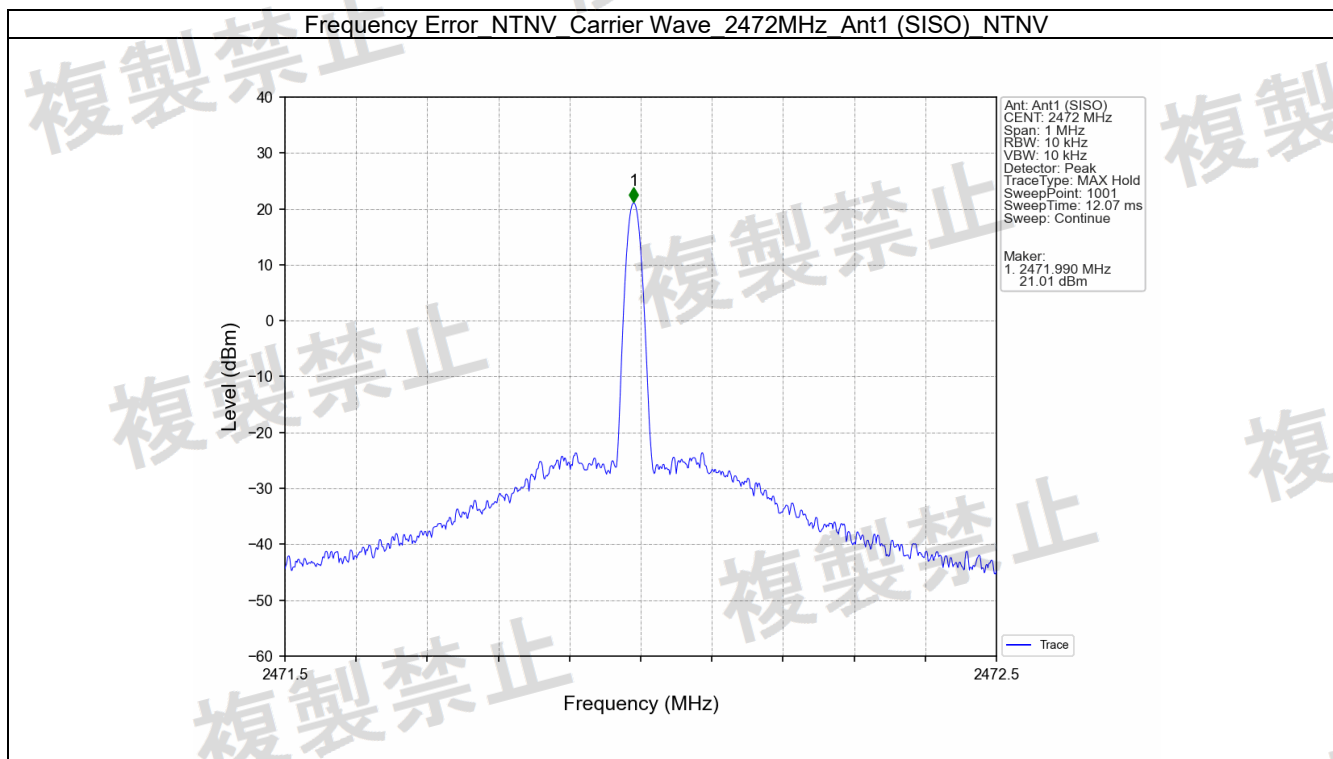
1.1.1 Ant1

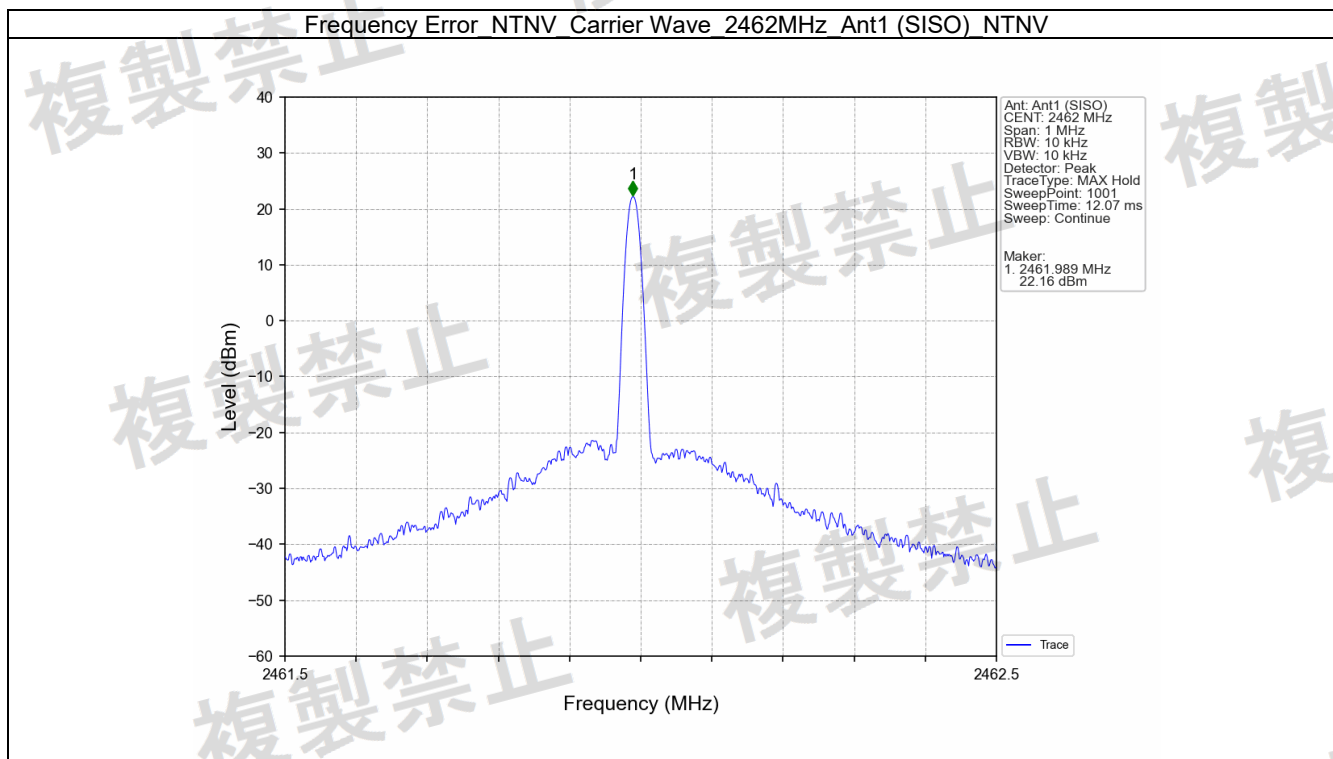
Ant1							
ENV	Mode	TX Type	Frequency (MHz)	Measured Frequency (MHz)	Tolerance (ppm)		Verdict
					Result	Limit	
NTNV	Carrier Wave	SISO	2412	2411.990	-4.15	-50 to 50	Pass
			2442	2441.990	-4.09	-50 to 50	Pass
			2472	2471.990	-4.05	-50 to 50	Pass
			2422	2421.990	-4.13	-50 to 50	Pass
			2462	2461.989	-4.47	-50 to 50	Pass

1.2 Test Graph

1.2.1 Ant1







2. Occupied Bandwidth

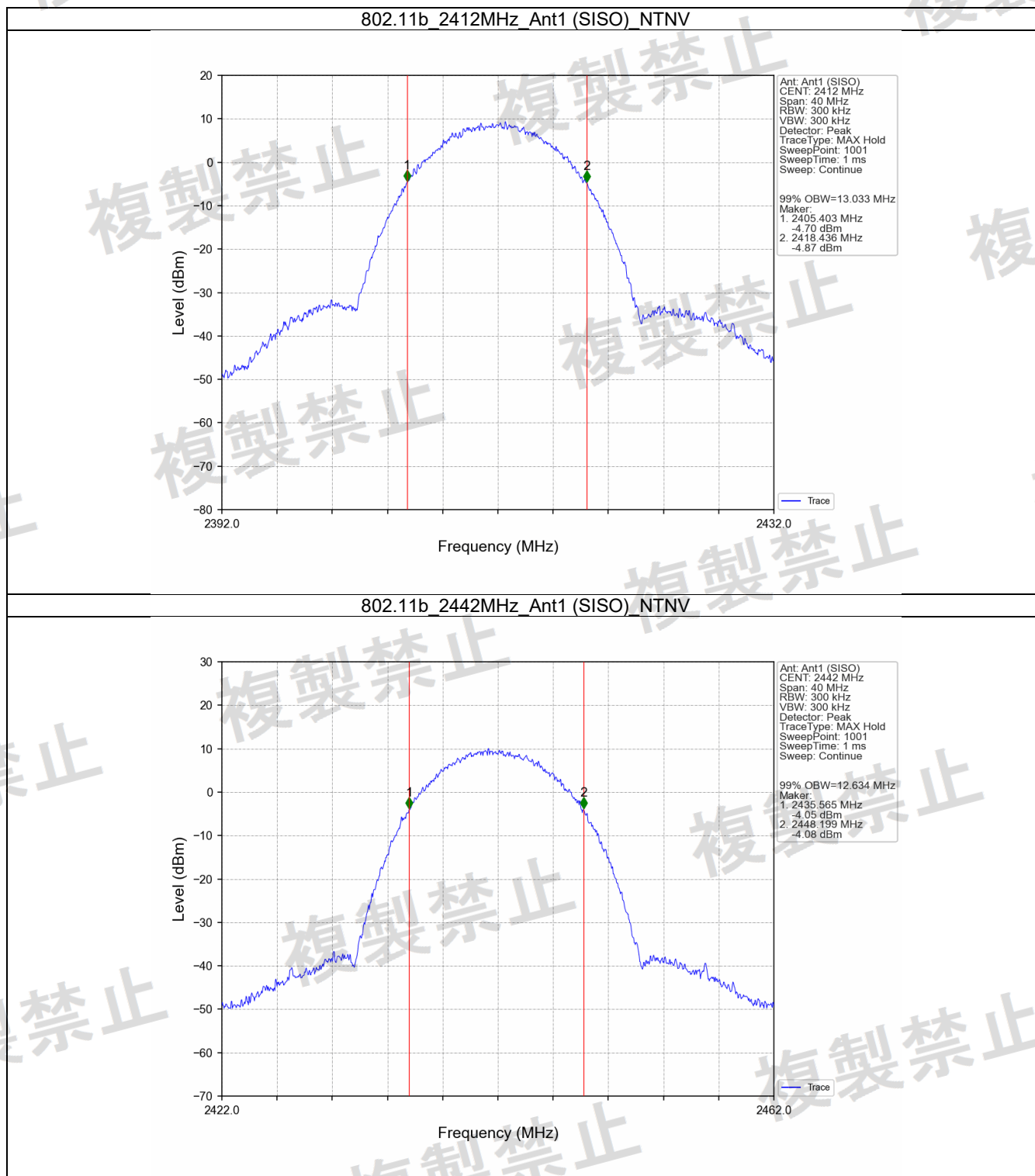
2.1 Test Result

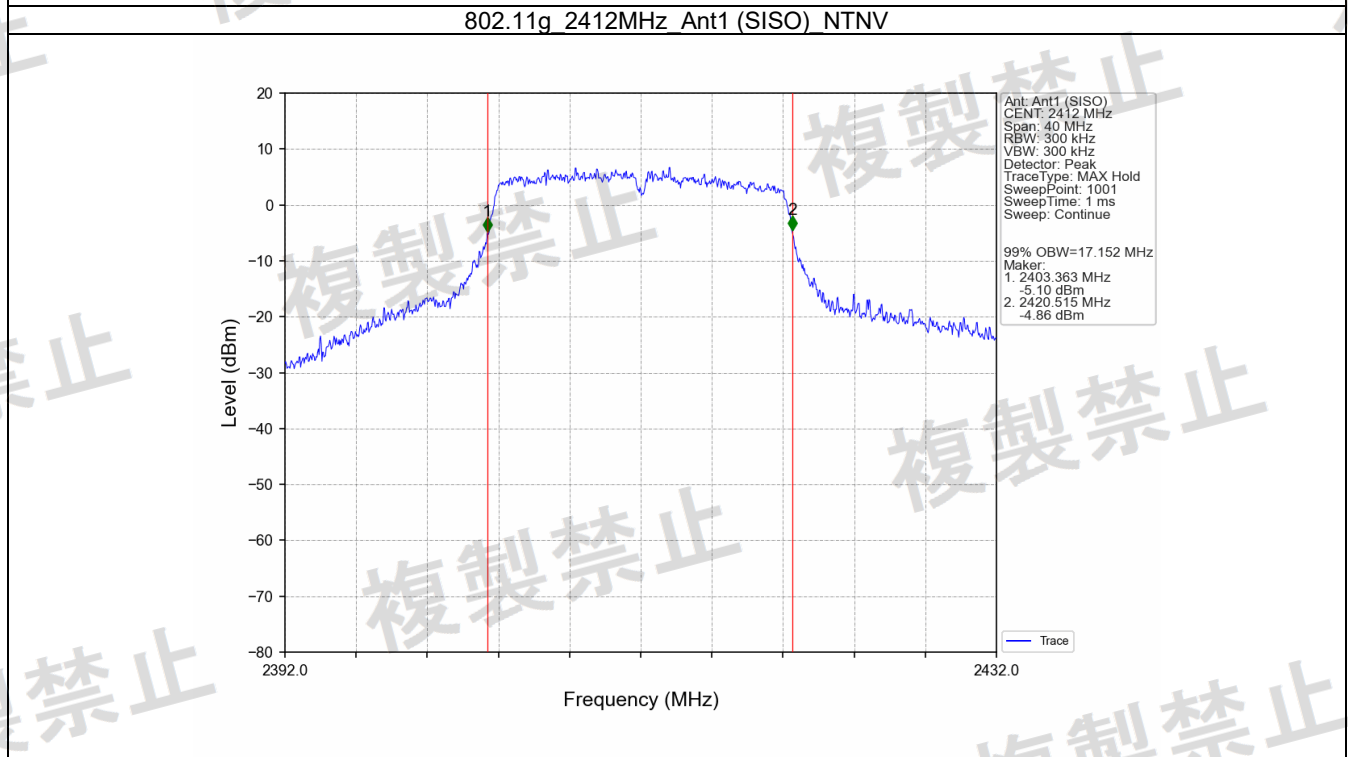
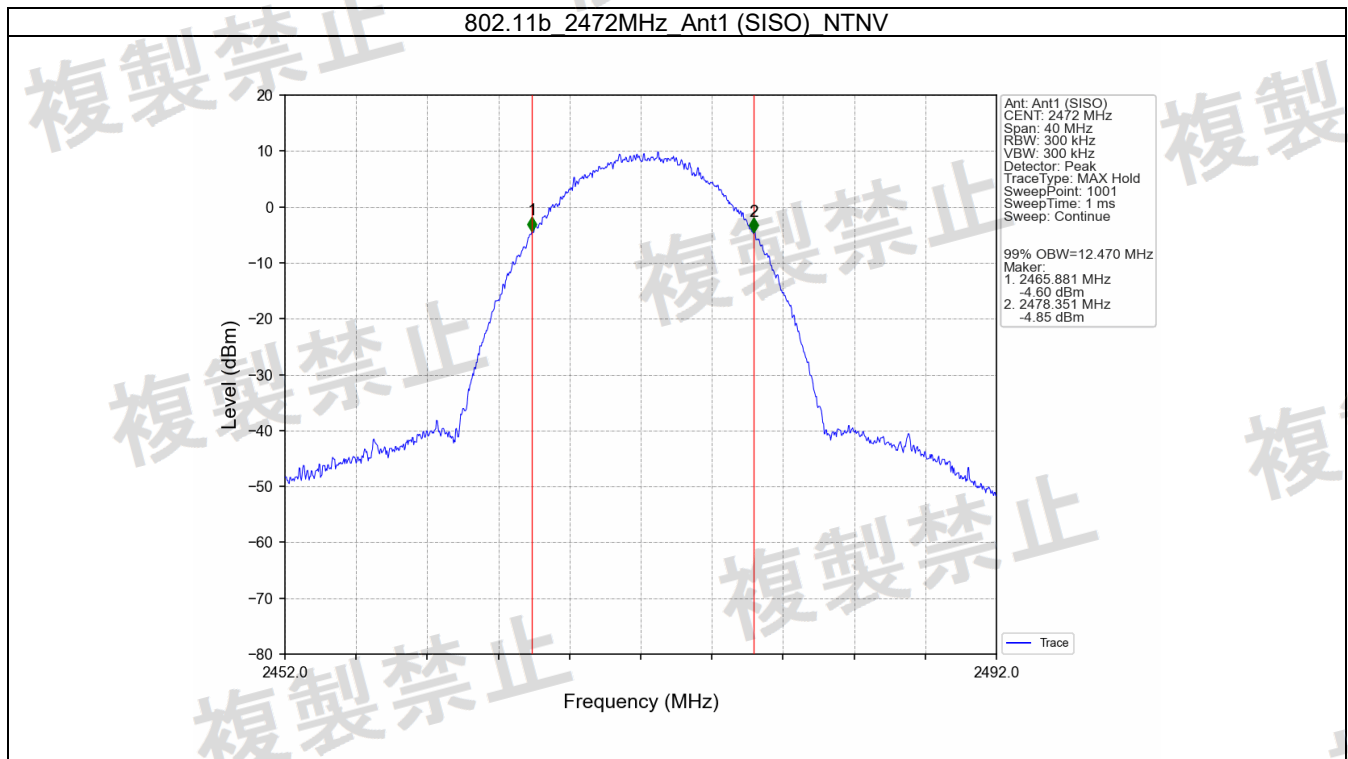
2.1.1 OBW

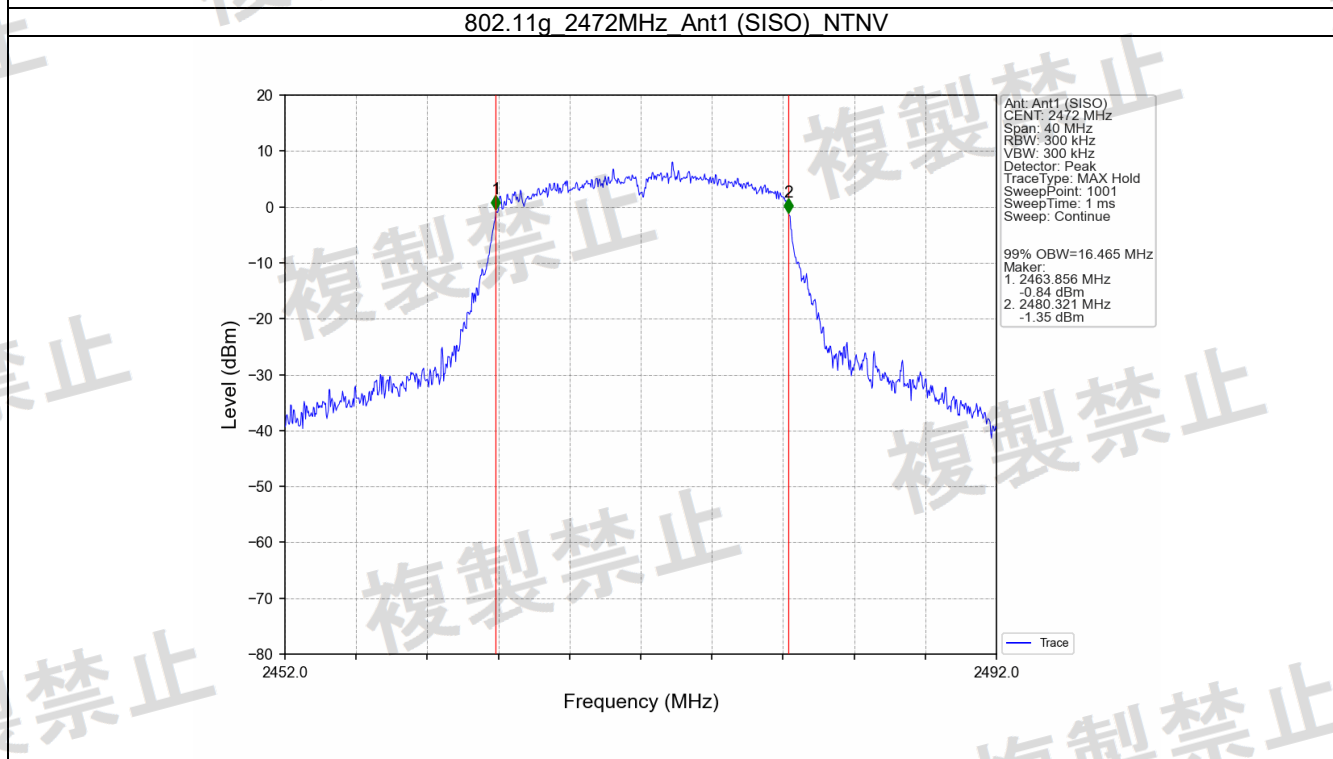
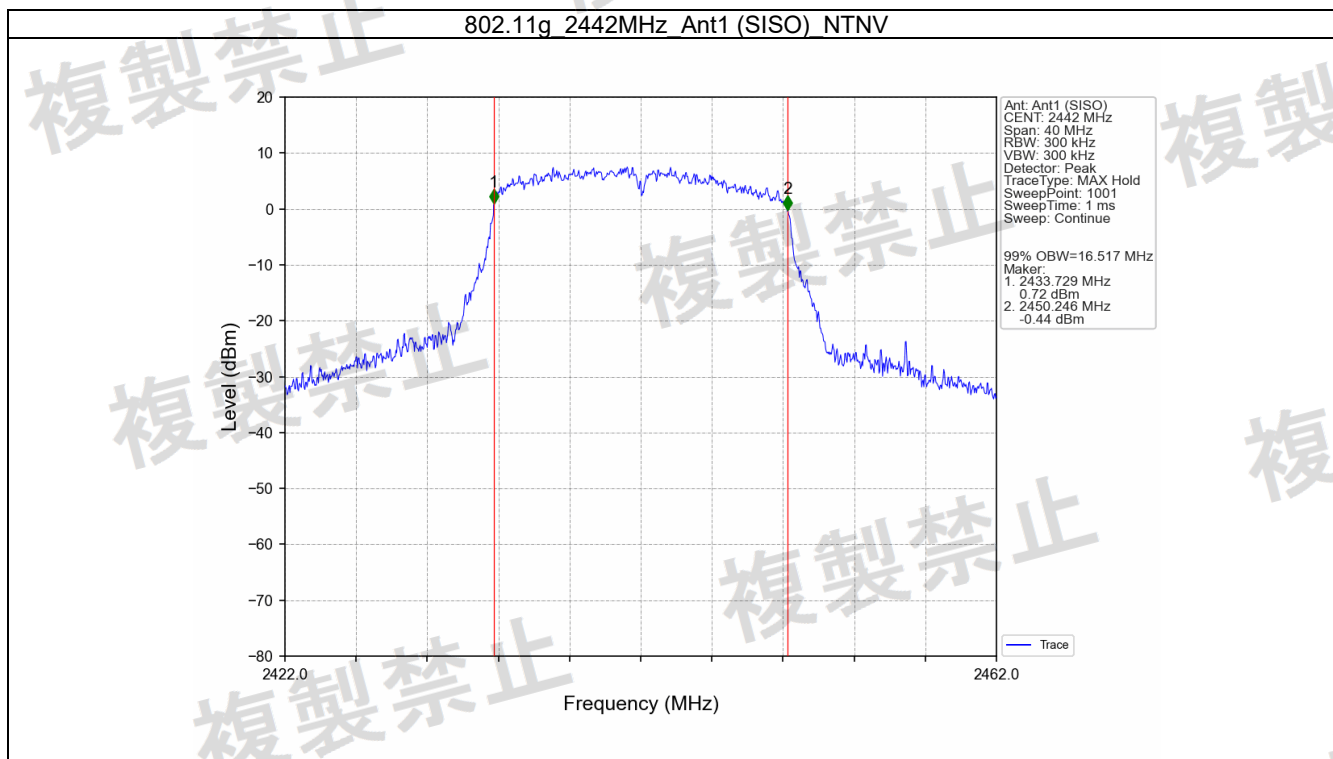
ENV	Mode	TX Type	Frequency (MHz)	99% Occupied Bandwidth (MHz)		Verdict
				ANT1	Limit	
NTNV	802.11b	SISO	2412	13.033	<=26	Pass
			2442	12.634	<=26	Pass
			2472	12.470	<=26	Pass
	802.11g	SISO	2412	17.152	<=40	Pass
			2442	16.517	<=40	Pass
			2472	16.465	<=40	Pass
	802.11n (HT20)	SISO	2412	17.810	<=40	Pass
			2442	17.609	<=40	Pass
			2472	17.579	<=40	Pass
	802.11n (HT40)	SISO	2422	36.252	<=40	Pass
			2442	35.597	<=40	Pass
			2462	36.127	<=40	Pass

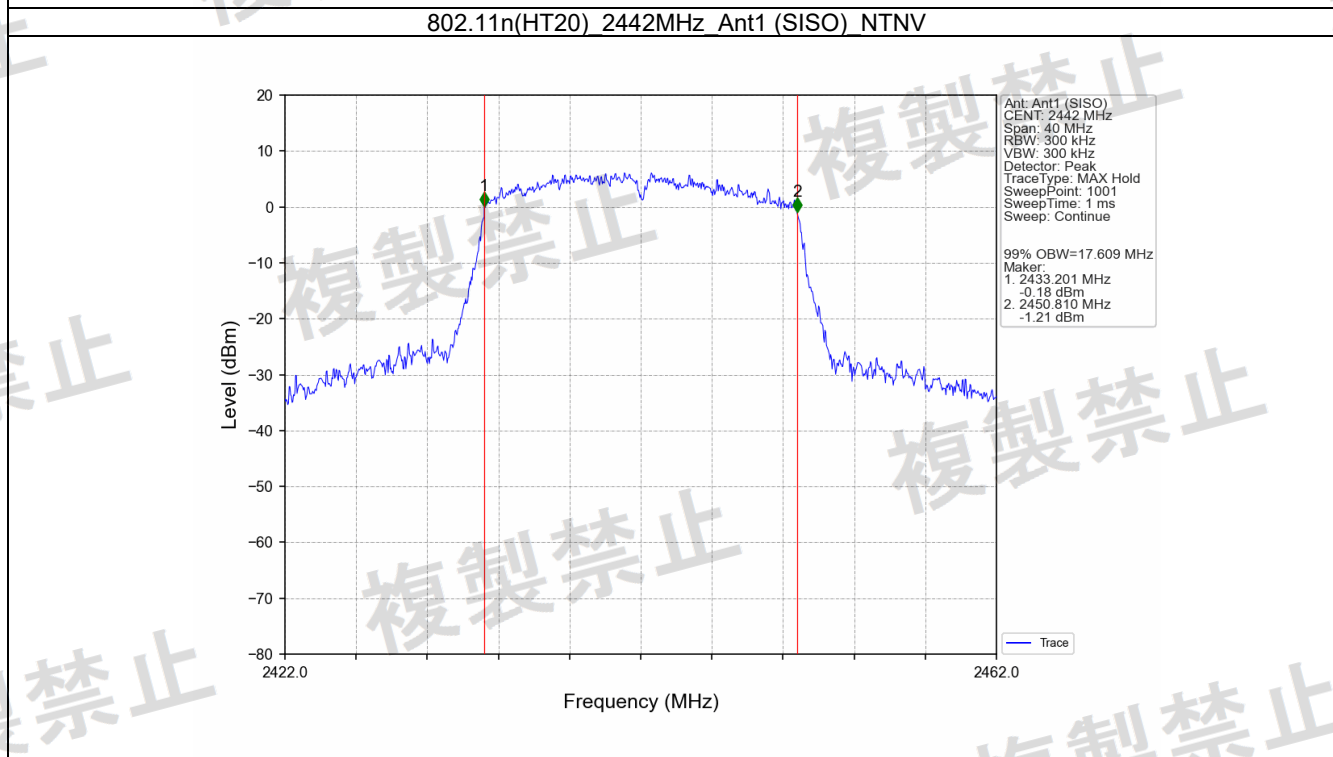
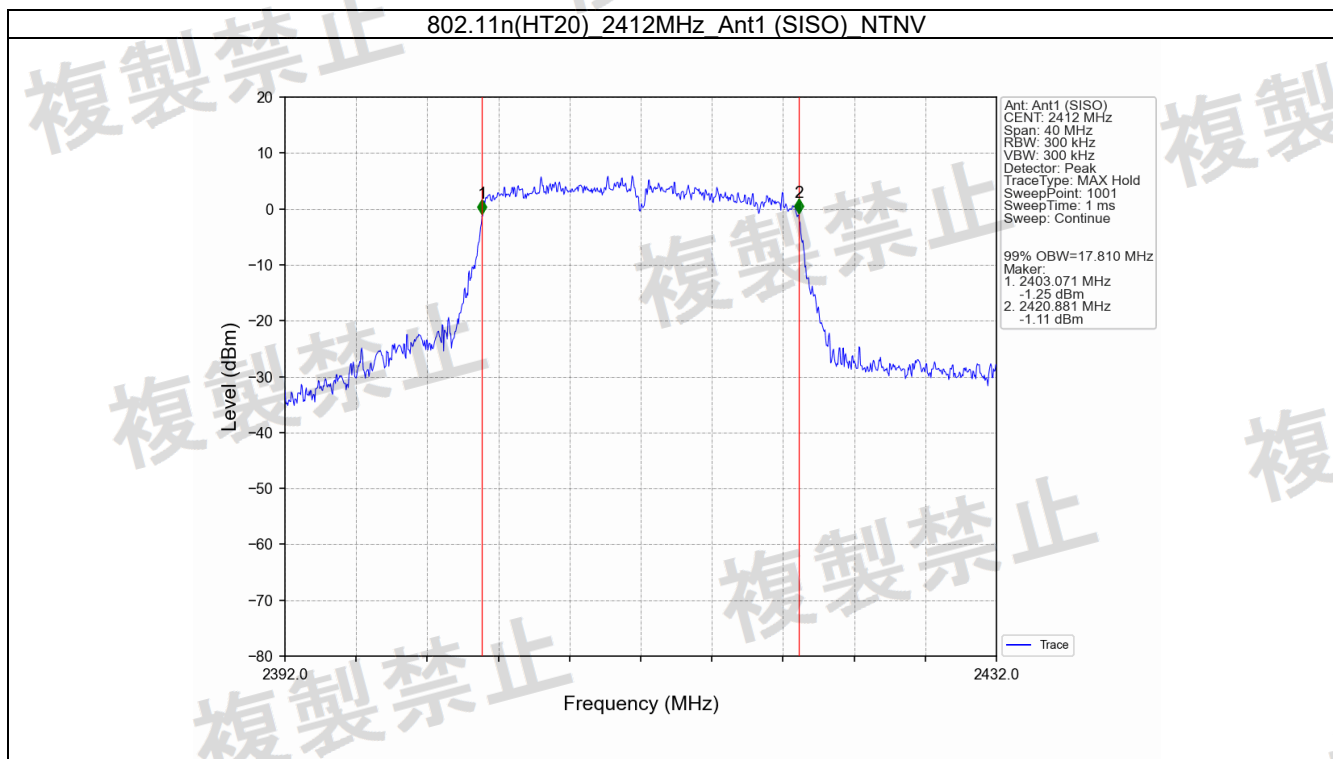
2.2 Test Graph

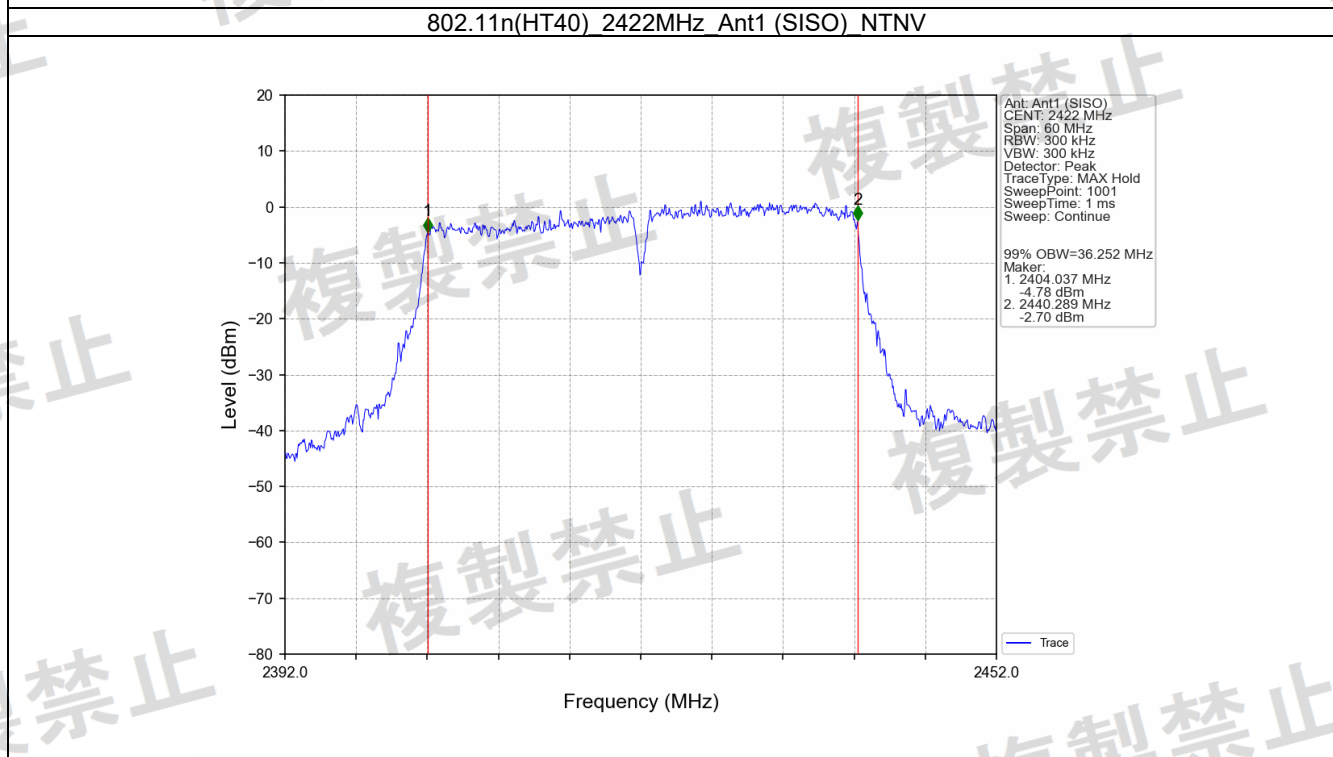
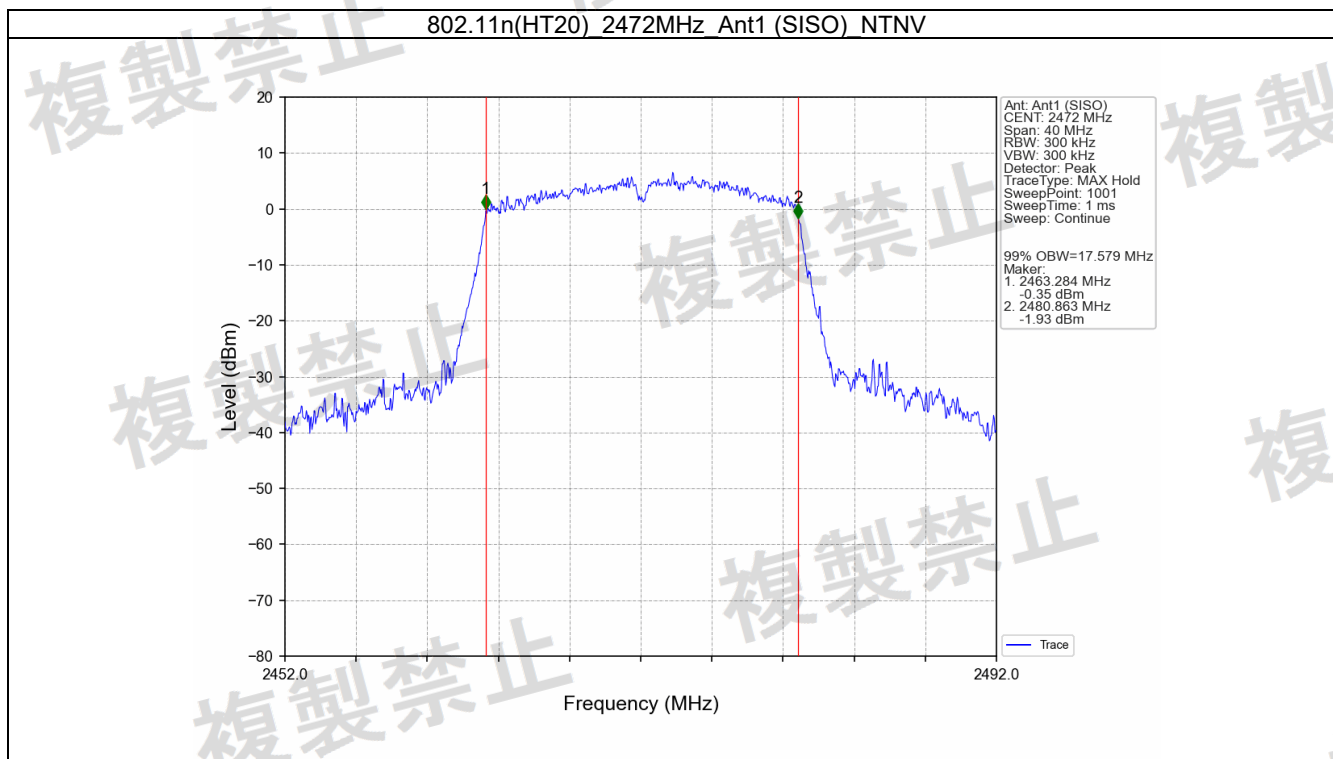
2.2.1 OBW

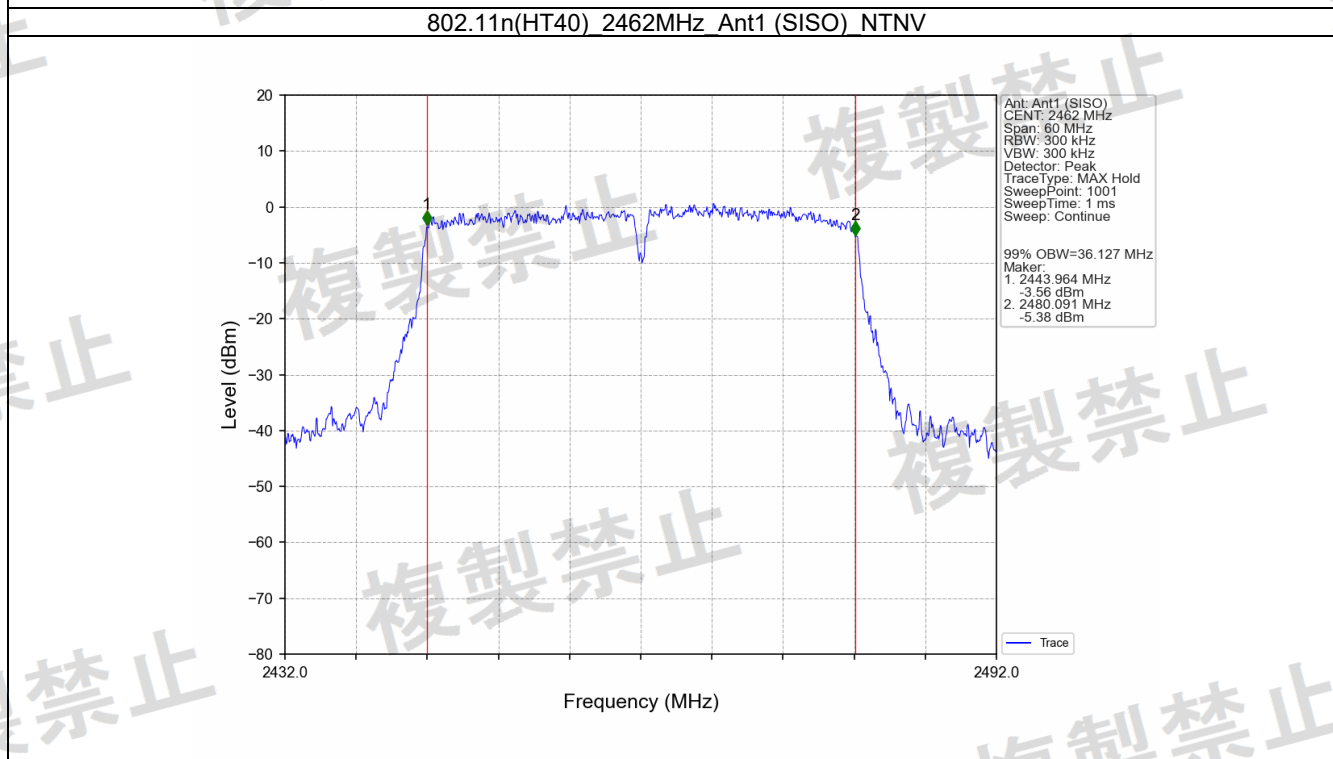
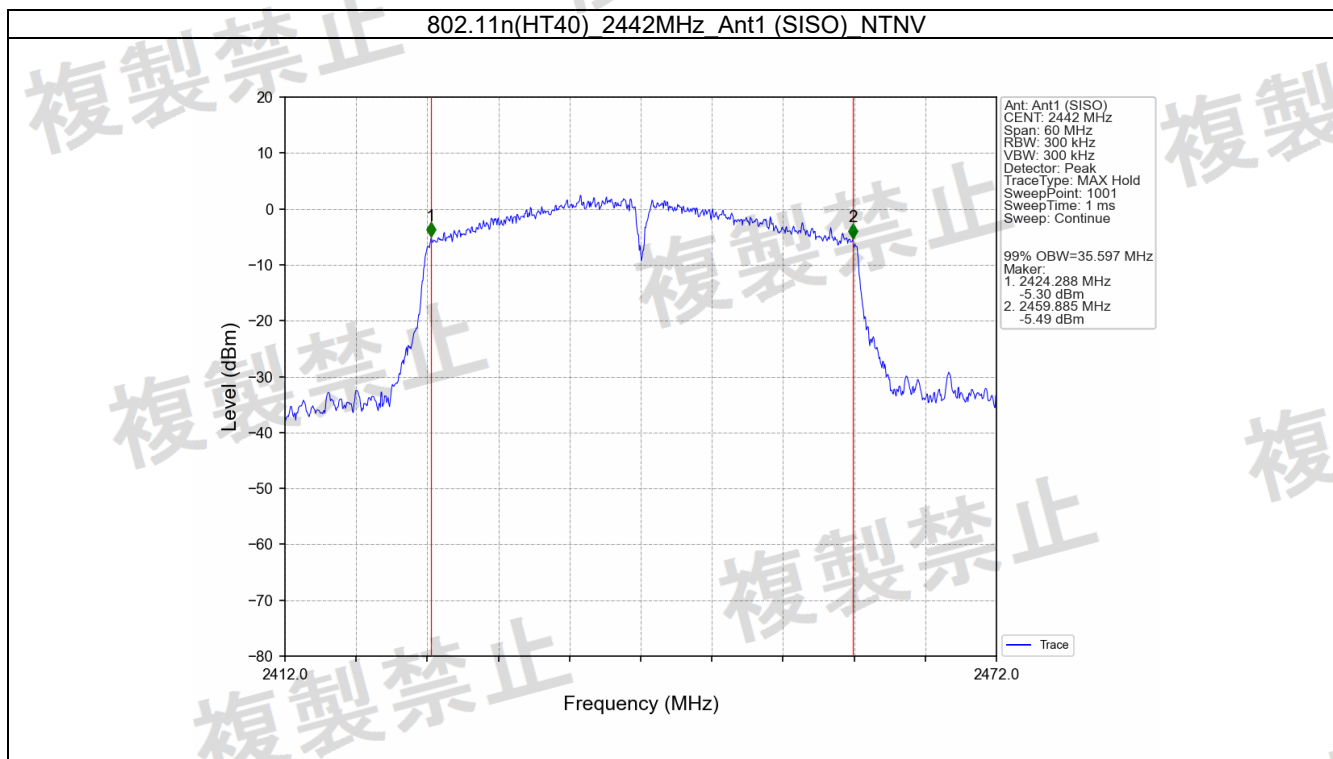












3. Spread Bandwidth

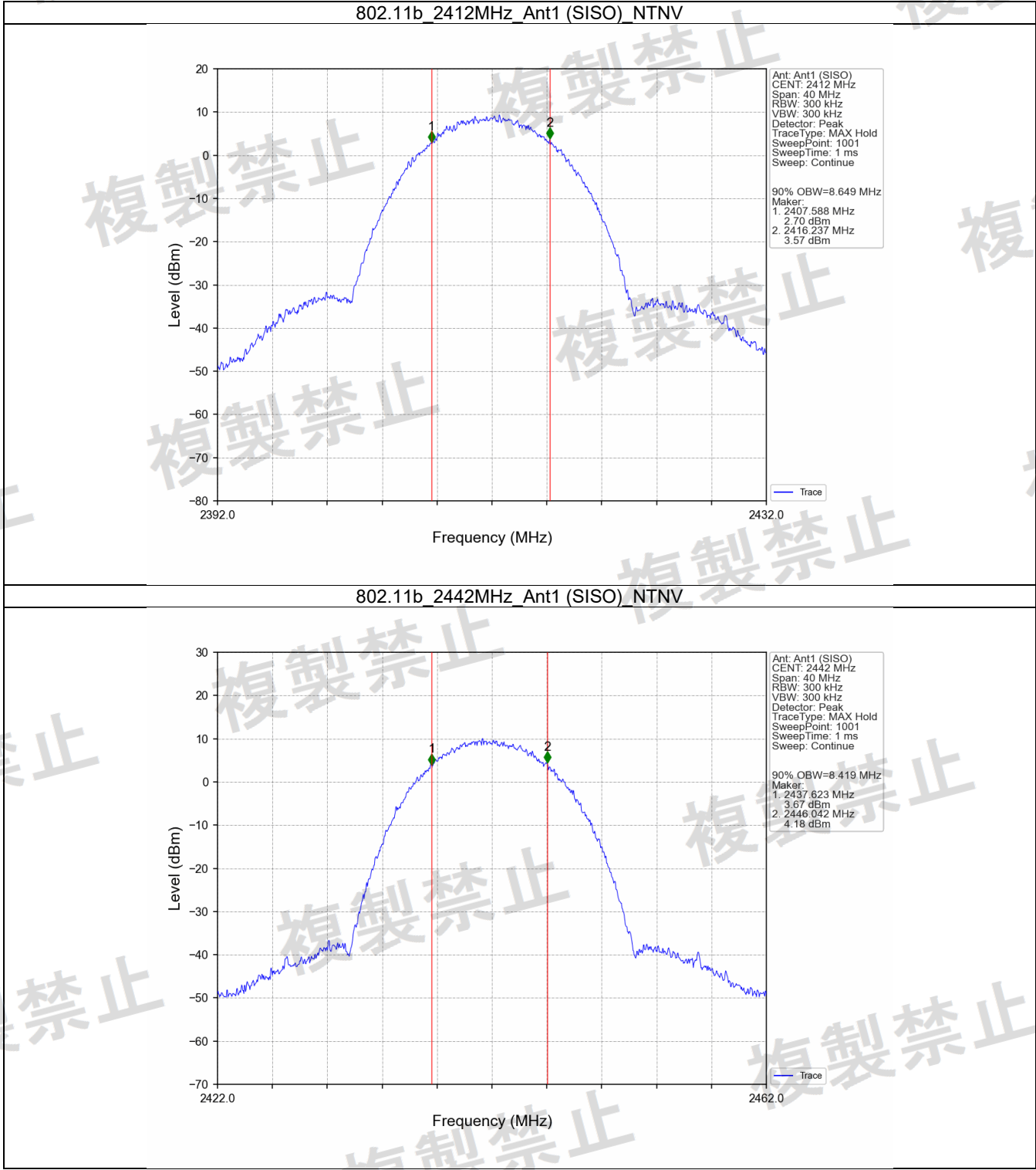
3.1 Test Result

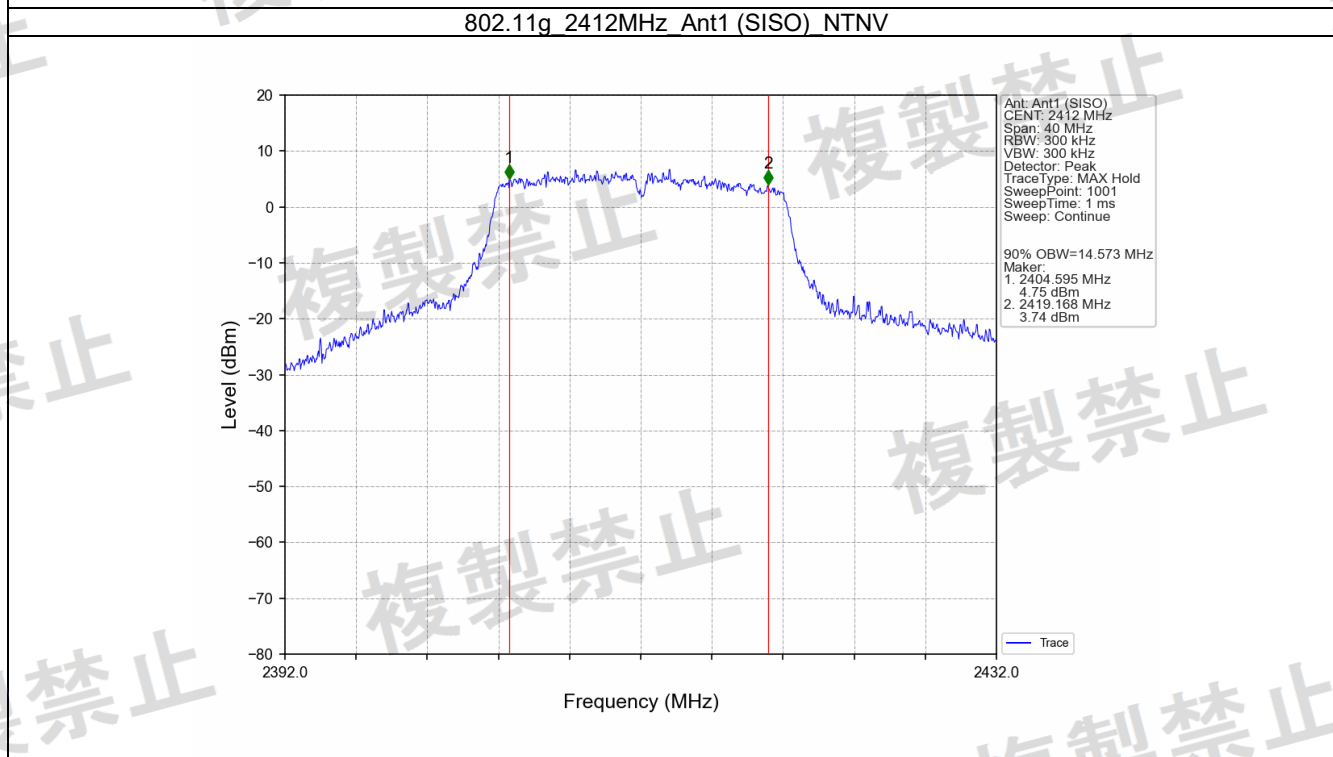
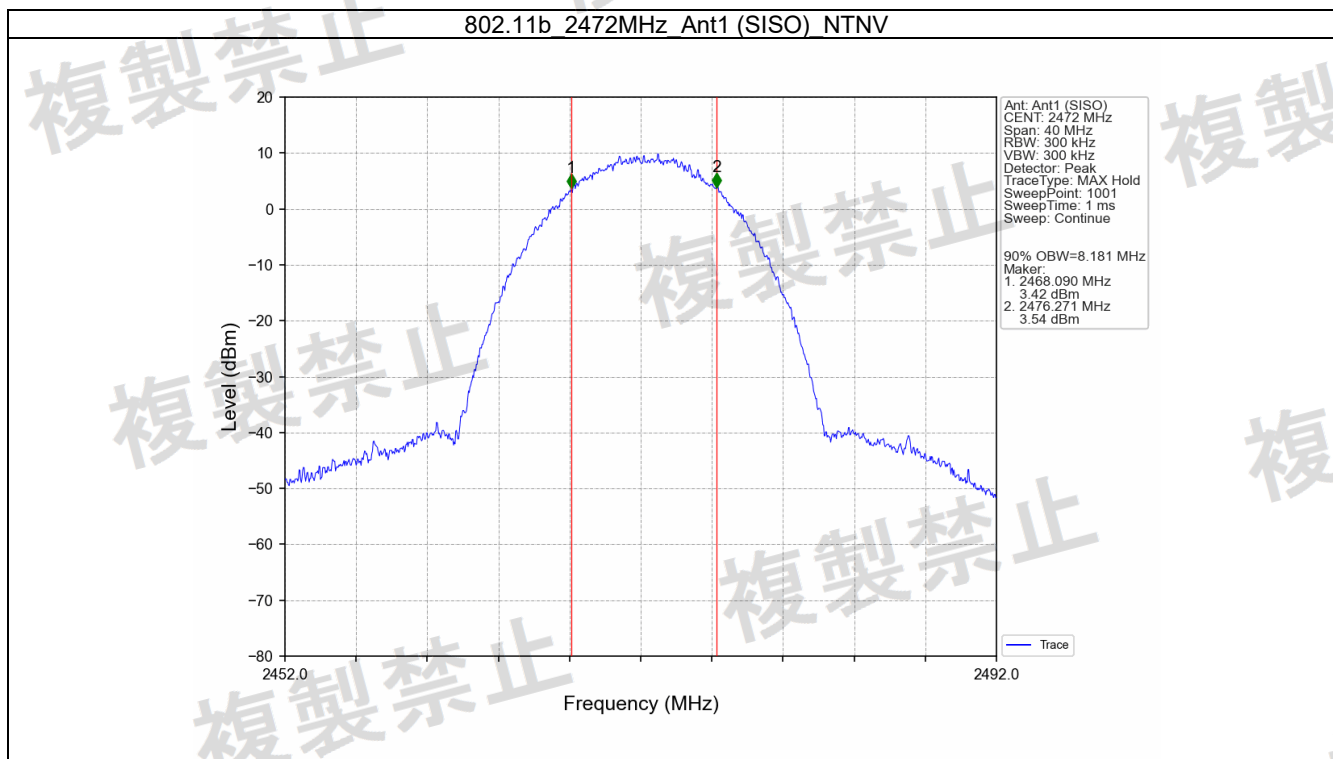
3.1.1 SPBW

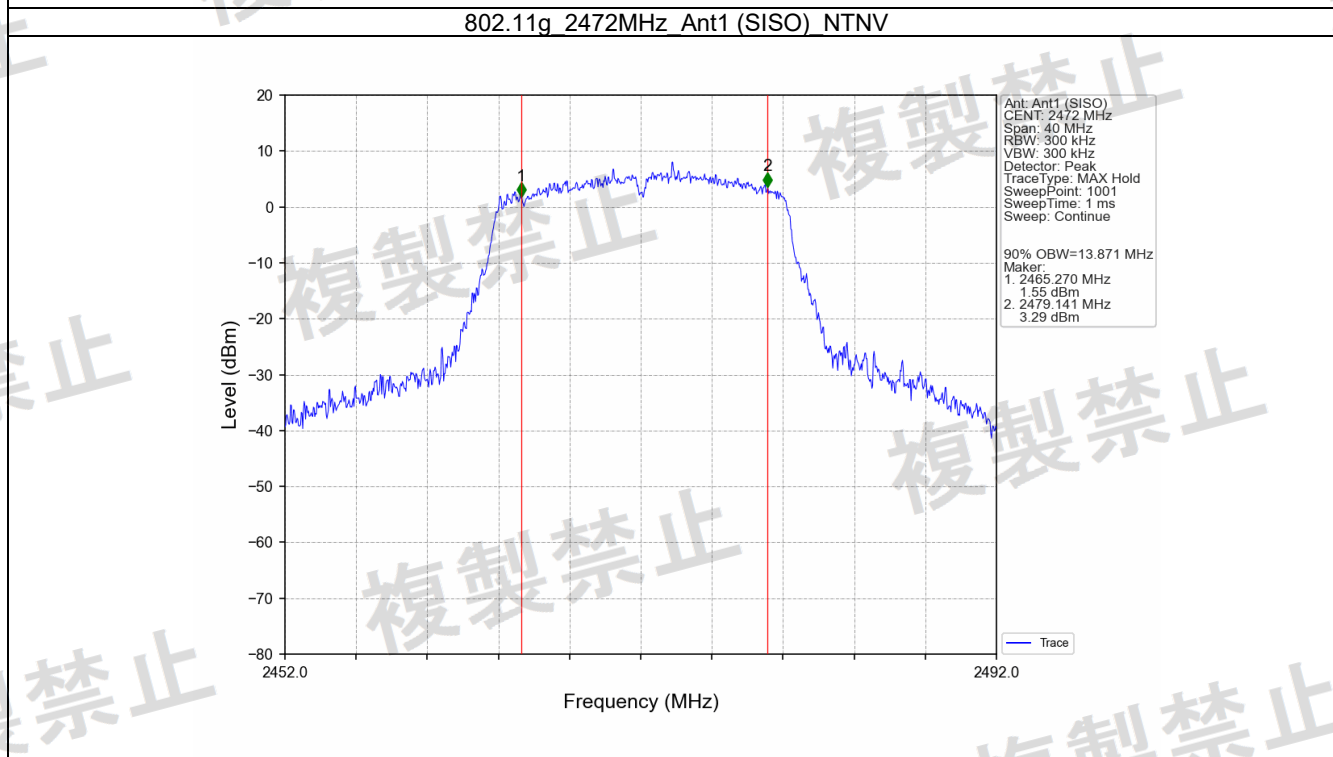
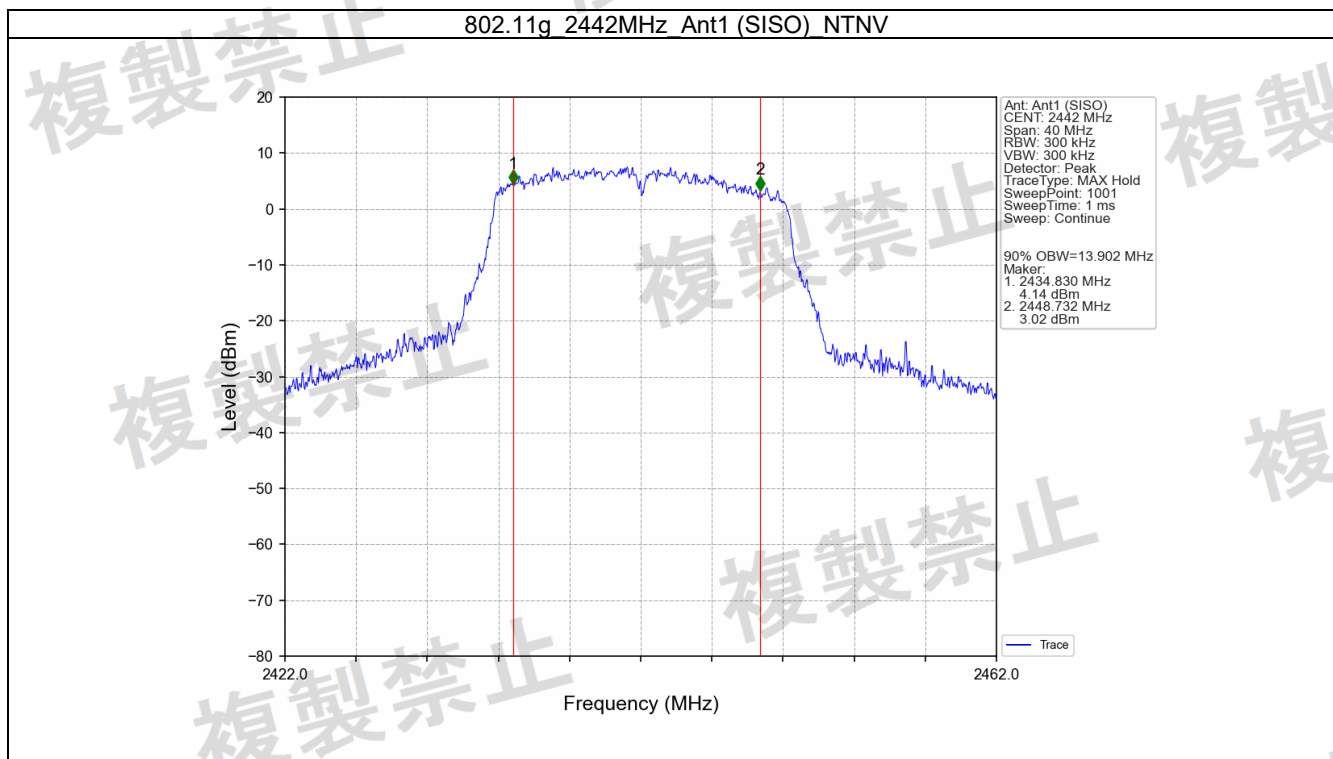
ENV	Mode	TX Type	Frequency (MHz)	Spread Bandwidth (MHz)		Verdict
				ANT1	Limit	
NTNV	802.11b	SISO	2412	8.649	≥ 0.5	Pass
			2442	8.419	≥ 0.5	Pass
			2472	8.181	≥ 0.5	Pass
	802.11g	SISO	2412	14.573	≥ 0.5	Pass
			2442	13.902	≥ 0.5	Pass
			2472	13.871	≥ 0.5	Pass
	802.11n (HT20)	SISO	2412	15.425	≥ 0.5	Pass
			2442	14.702	≥ 0.5	Pass
			2472	14.727	≥ 0.5	Pass
	802.11n (HT40)	SISO	2422	32.140	≥ 0.5	Pass
			2442	28.274	≥ 0.5	Pass
			2462	31.682	≥ 0.5	Pass

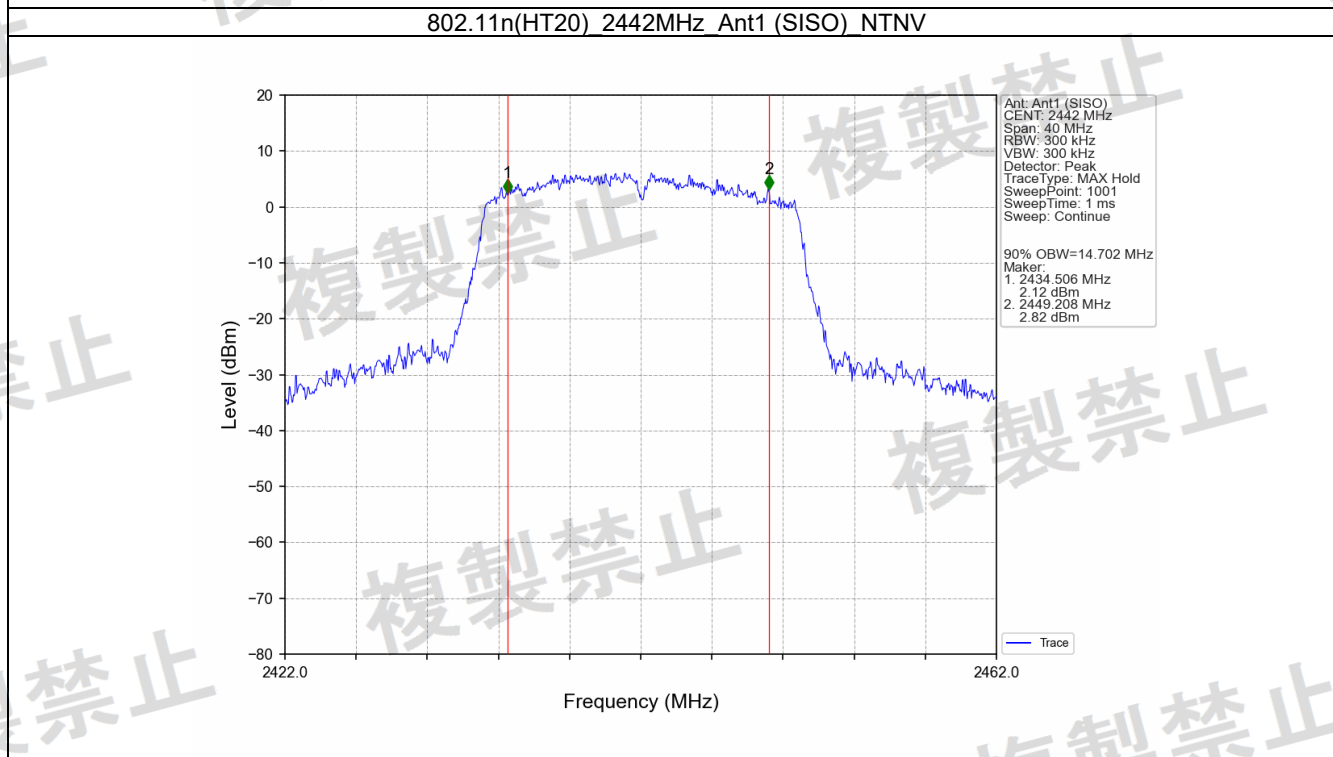
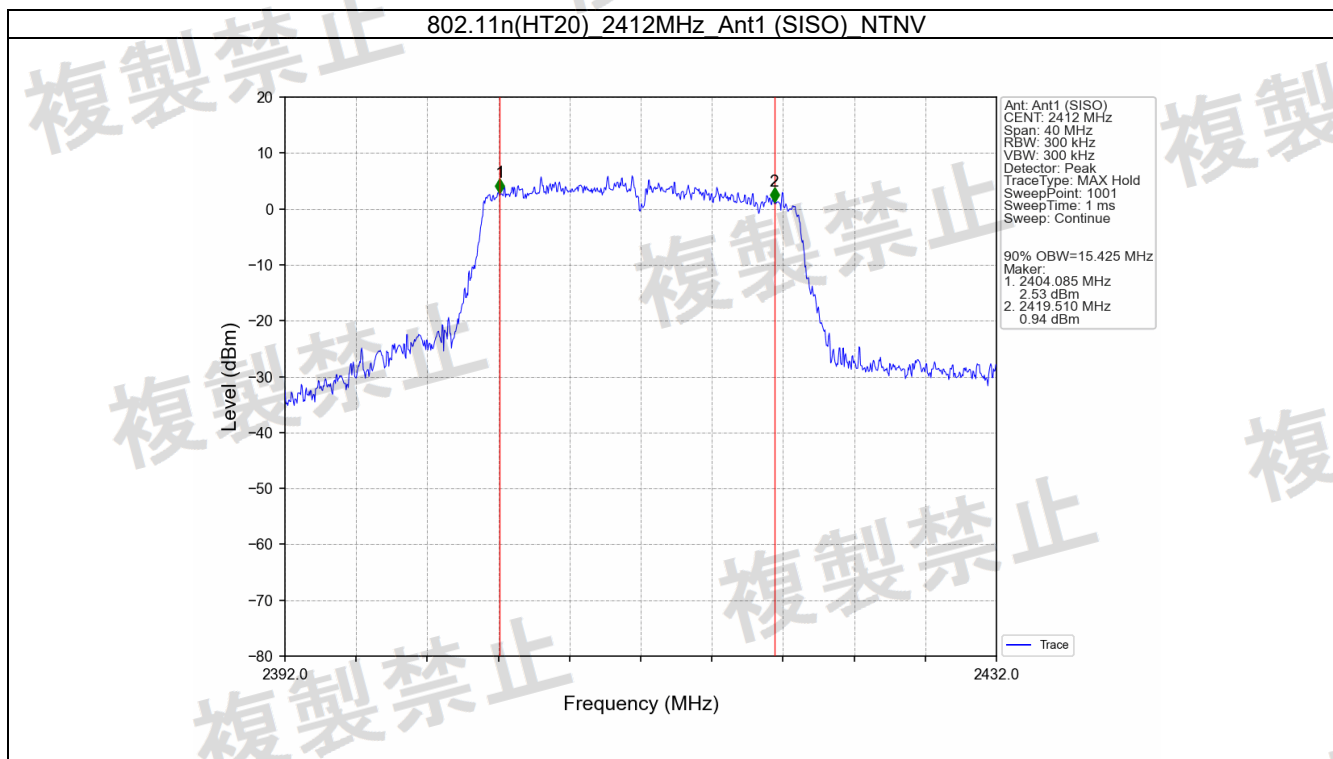
3.2 Test Graph

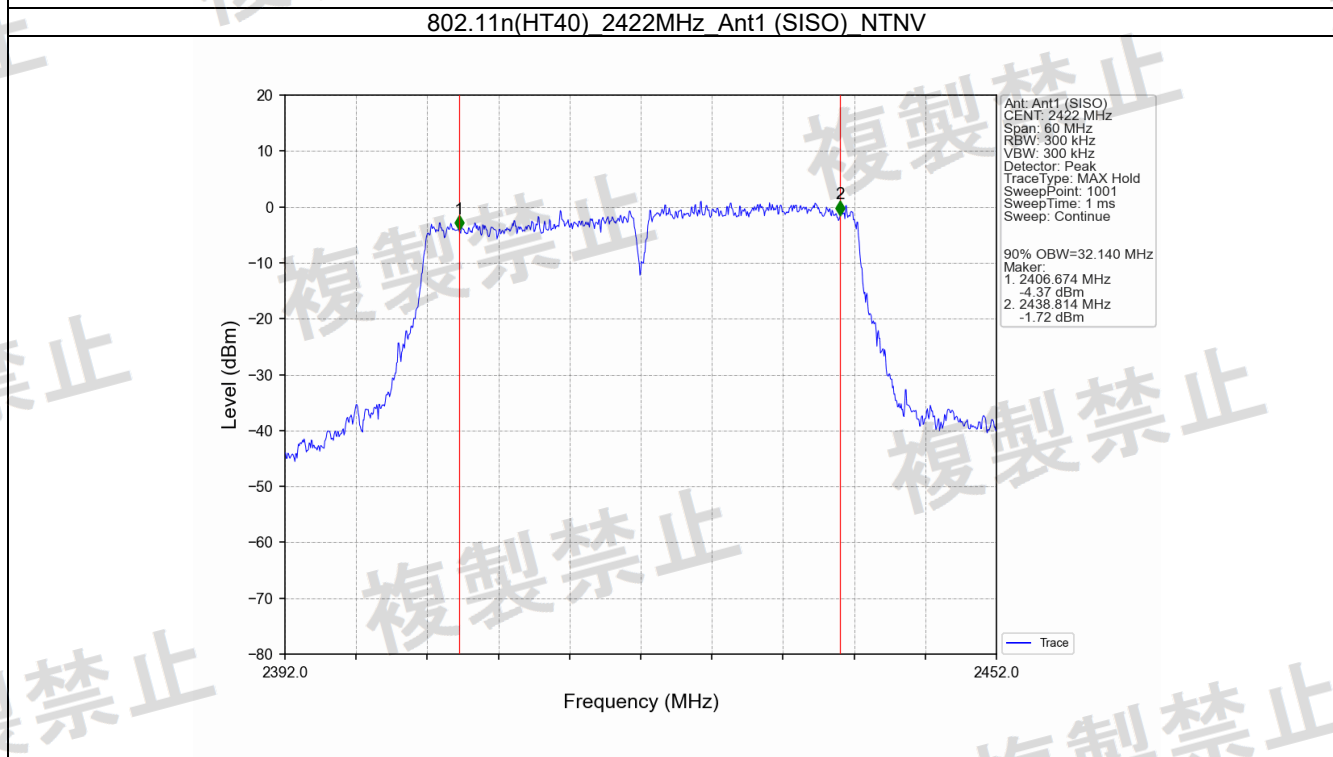
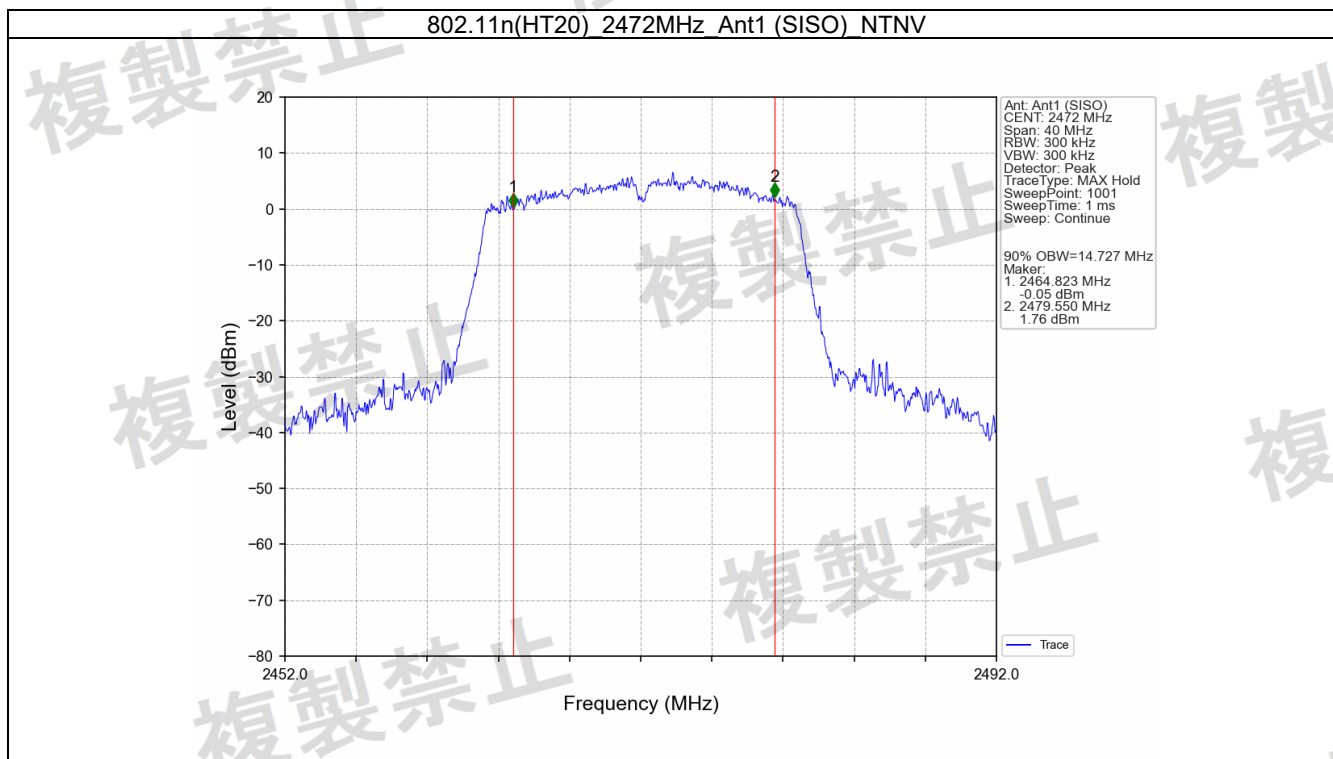
3.2.1 SPBW

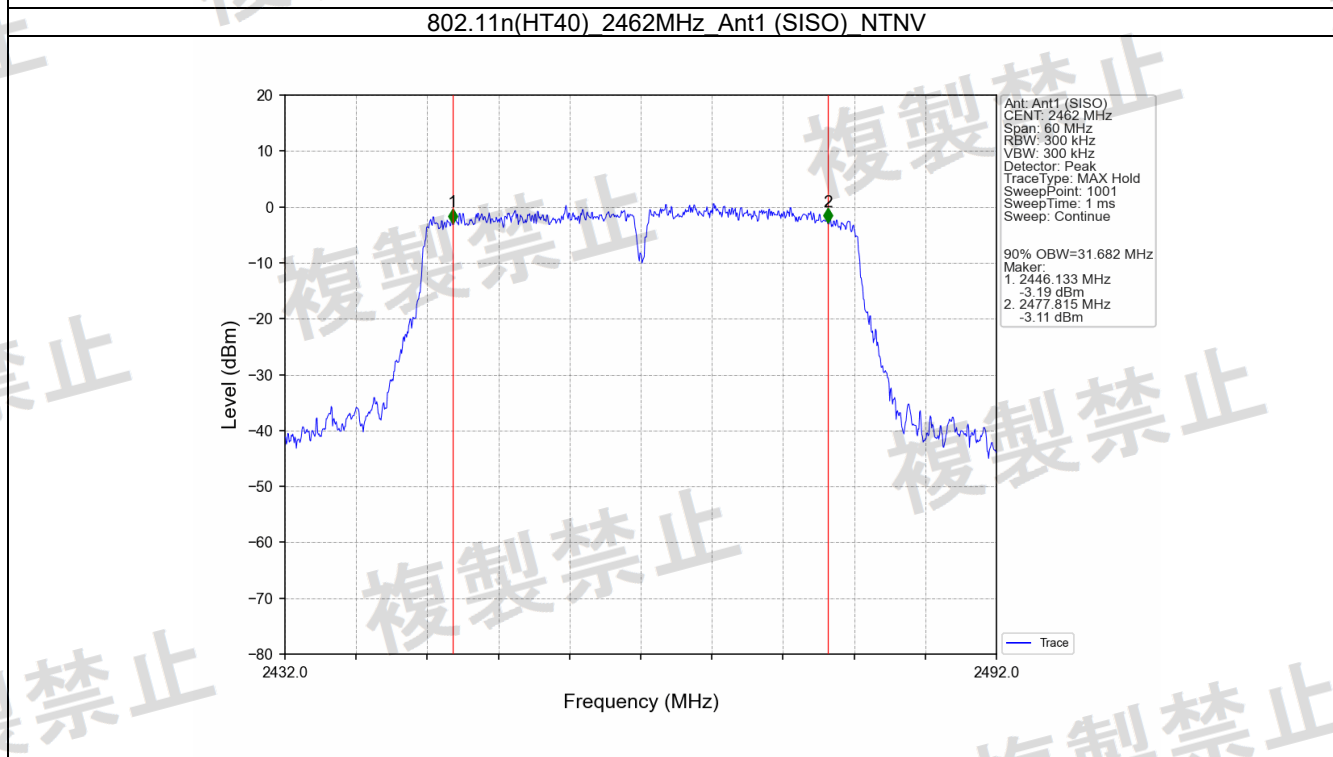
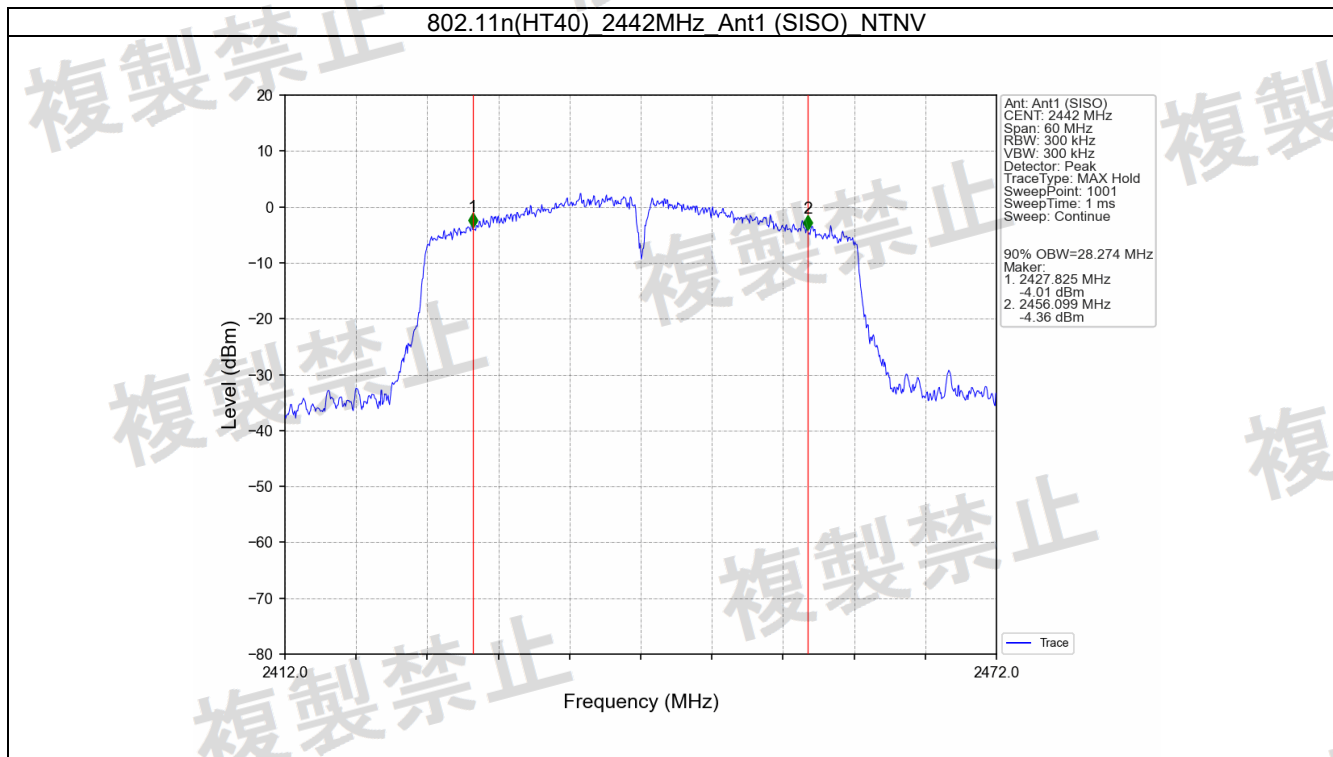












4. Antenna Power

4.1 Test Result

4.1.1 Power

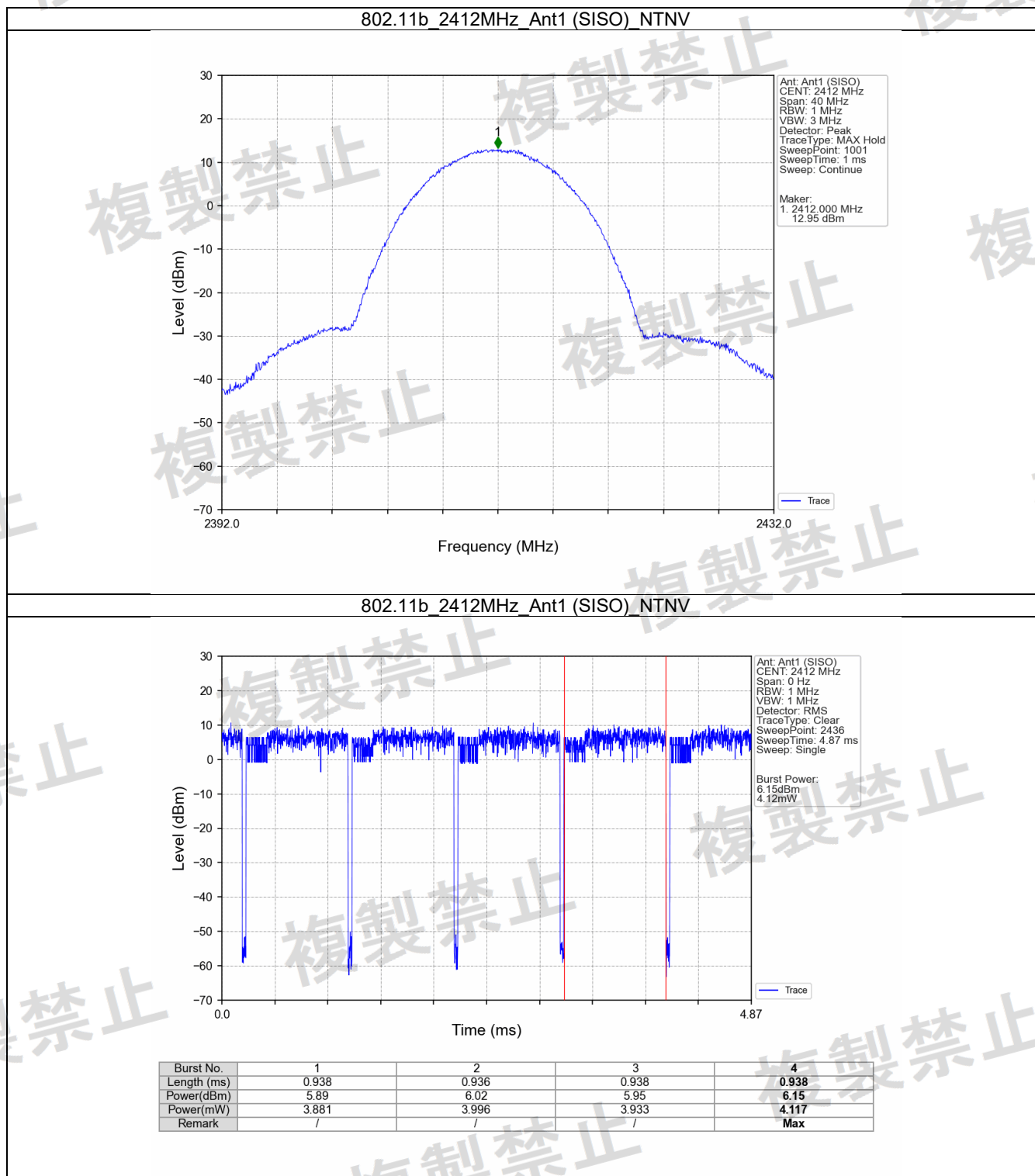
ENV	Mode	TX Type	Frequency (MHz)	ANT	Antenna Power (mW/MHz)		Nominal Power (mW/MHz)	Tolerance (%)		Verdict
					Measured	Limit		Measured	Limit	
NTNV	802.11b	SISO	2412	1	4.117	<=10.00	5.400	-23.76	-80 to 20	Pass
			2442	1	5.145	<=10.00	5.400	-4.72	-80 to 20	Pass
			2472	1	4.855	<=10.00	5.400	-10.09	-80 to 20	Pass
	802.11g	SISO	2412	1	2.170	<=10.00	4.000	-45.75	-80 to 20	Pass
			2442	1	3.023	<=10.00	4.000	-24.42	-80 to 20	Pass
			2472	1	2.184	<=10.00	4.000	-45.40	-80 to 20	Pass
	802.11n (HT20)	SISO	2412	1	1.517	<=10.00	3.000	-49.43	-80 to 20	Pass
			2442	1	2.268	<=10.00	3.000	-24.40	-80 to 20	Pass
			2472	1	1.862	<=10.00	3.000	-37.93	-80 to 20	Pass
	802.11n (HT40)	SISO	2422	1	0.626	<=5.00	1.200	-47.83	-80 to 20	Pass
			2442	1	0.823	<=5.00	1.200	-31.42	-80 to 20	Pass
			2462	1	0.438	<=5.00	1.200	-63.50	-80 to 20	Pass

4.1.2 EIRP

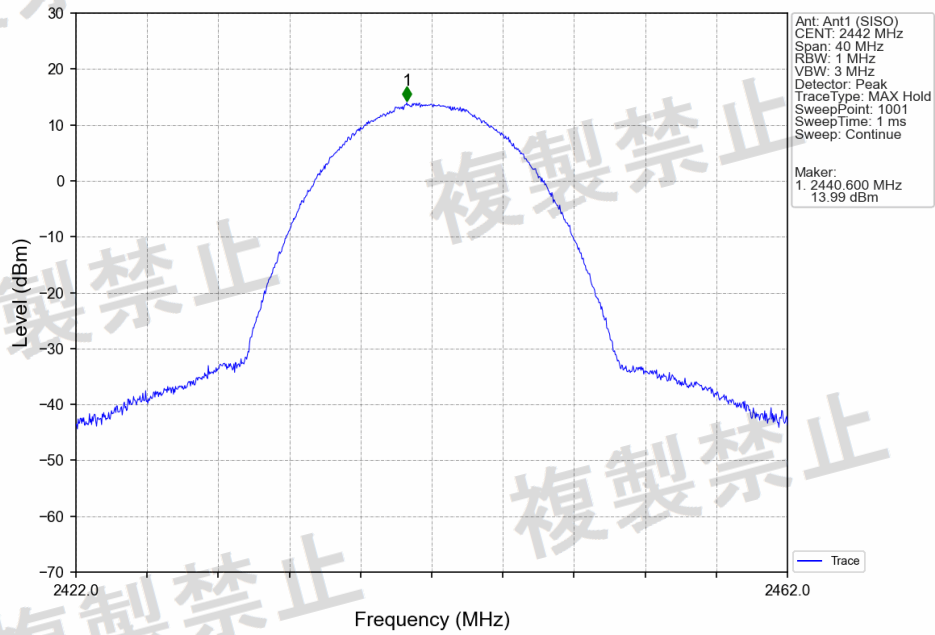
ENV	Mode	TX Type	Frequency (MHz)	Antenna Power (mW/MHz)	Antenna Power (dBm/MHz)	Gain (dBi)	EIRP Power (dBm/MHz)		Verdict
							Result	Limit	
NTNV	802.11b	SISO	2412	4.117	6.146	4.29	6.946	12.14	Pass
			2442	5.145	7.114	4.29	7.914	12.14	Pass
			2472	4.855	6.862	4.29	7.662	12.14	Pass
	802.11g	SISO	2412	2.170	3.365	4.29	4.165	12.14	Pass
			2442	3.023	4.804	4.29	5.604	12.14	Pass
			2472	2.184	3.393	4.29	4.193	12.14	Pass
	802.11n (HT20)	SISO	2412	1.517	1.810	4.29	2.61	12.14	Pass
			2442	2.268	3.556	4.29	4.356	12.14	Pass
			2472	1.862	2.700	4.29	3.5	12.14	Pass
	802.11n (HT40)	SISO	2422	0.626	-2.034	4.29	-1.234	12.14	Pass
			2442	0.823	-0.846	4.29	-0.046	12.14	Pass
			2462	0.438	-3.585	4.29	-2.785	12.14	Pass

4.2 Test Graph

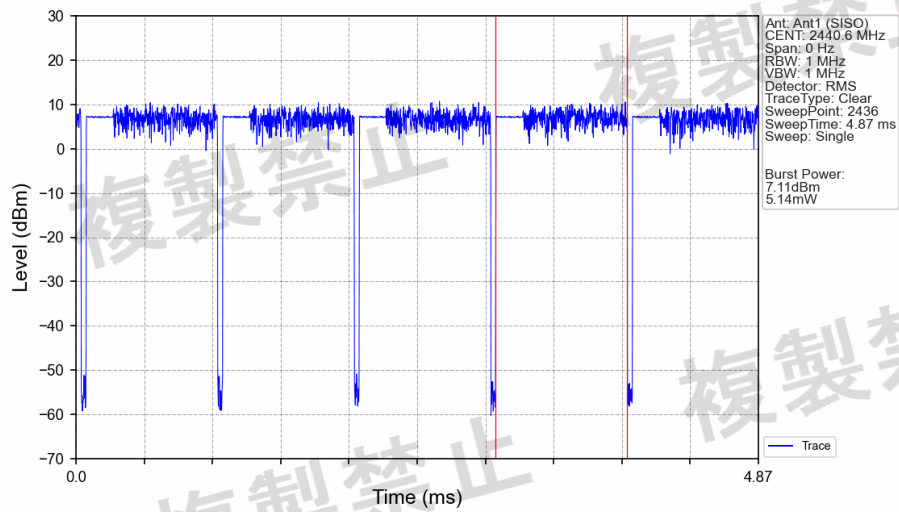
4.2.1 Power



802.11b 2442MHz Ant1 (SISO) NTN

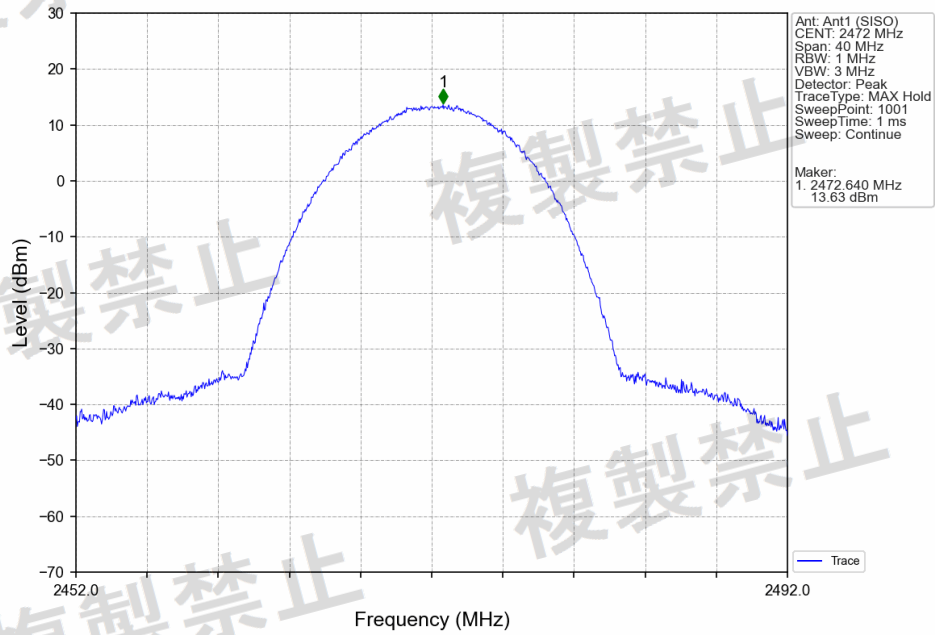


802.11b 2442MHz Ant1 (SISO) NTN

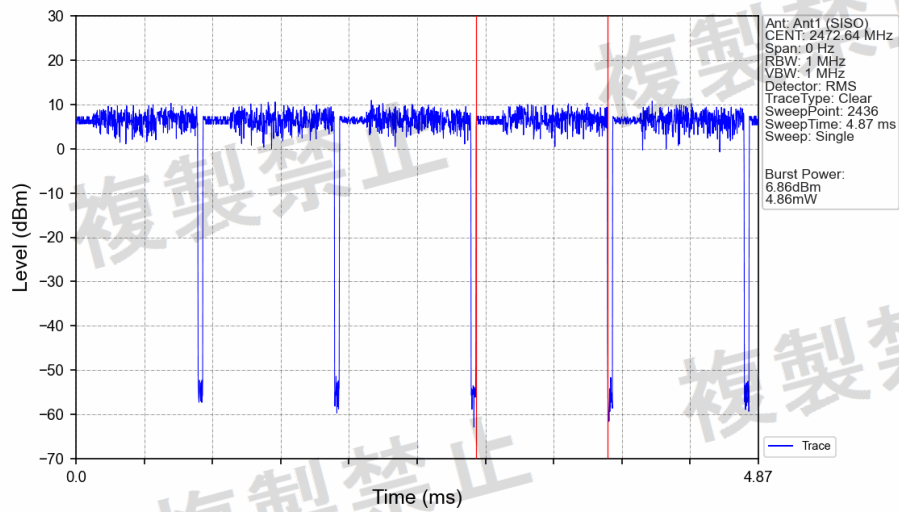


Burst No.	1	2	3	4
Length (ms)	0.936	0.938	0.938	0.938
Power(dBm)	7.01	6.94	6.94	7.11
Power(mW)	5.025	4.948	4.948	5.145
Remark	/	/	/	Max

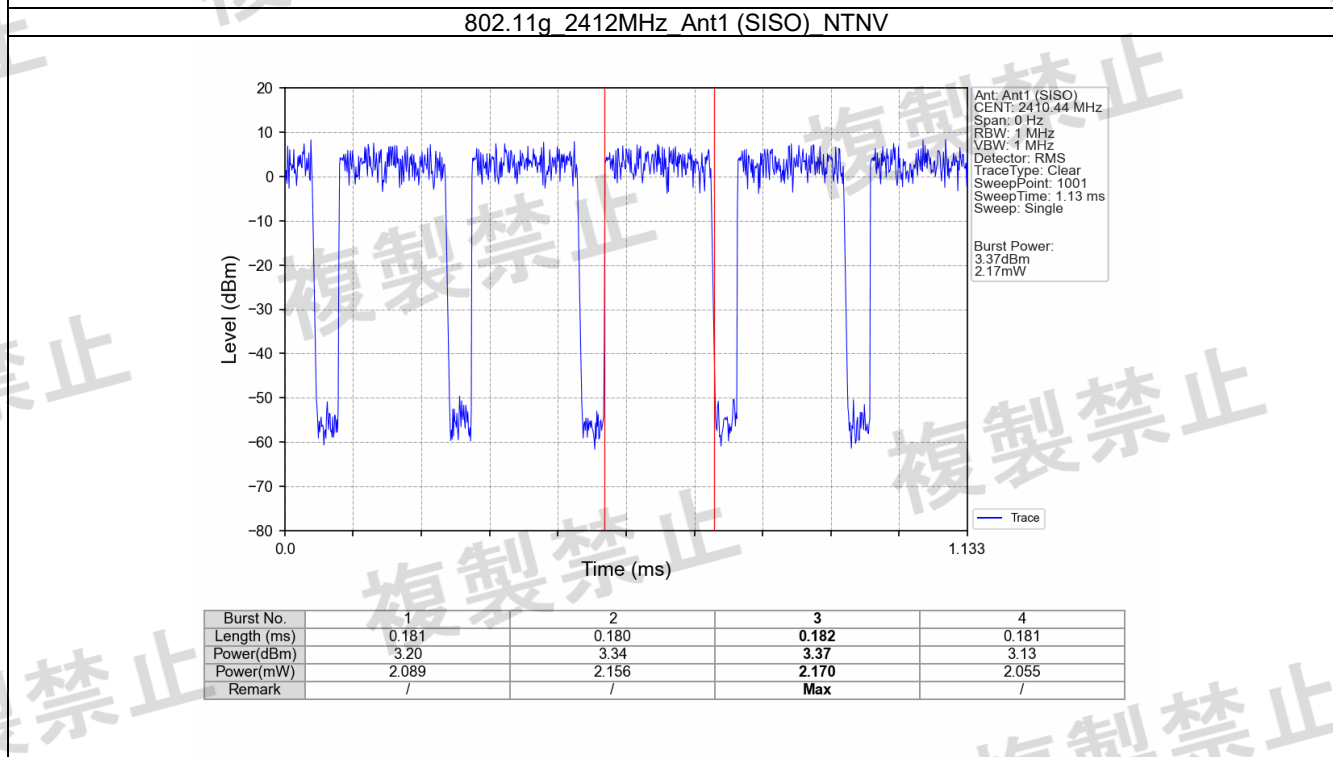
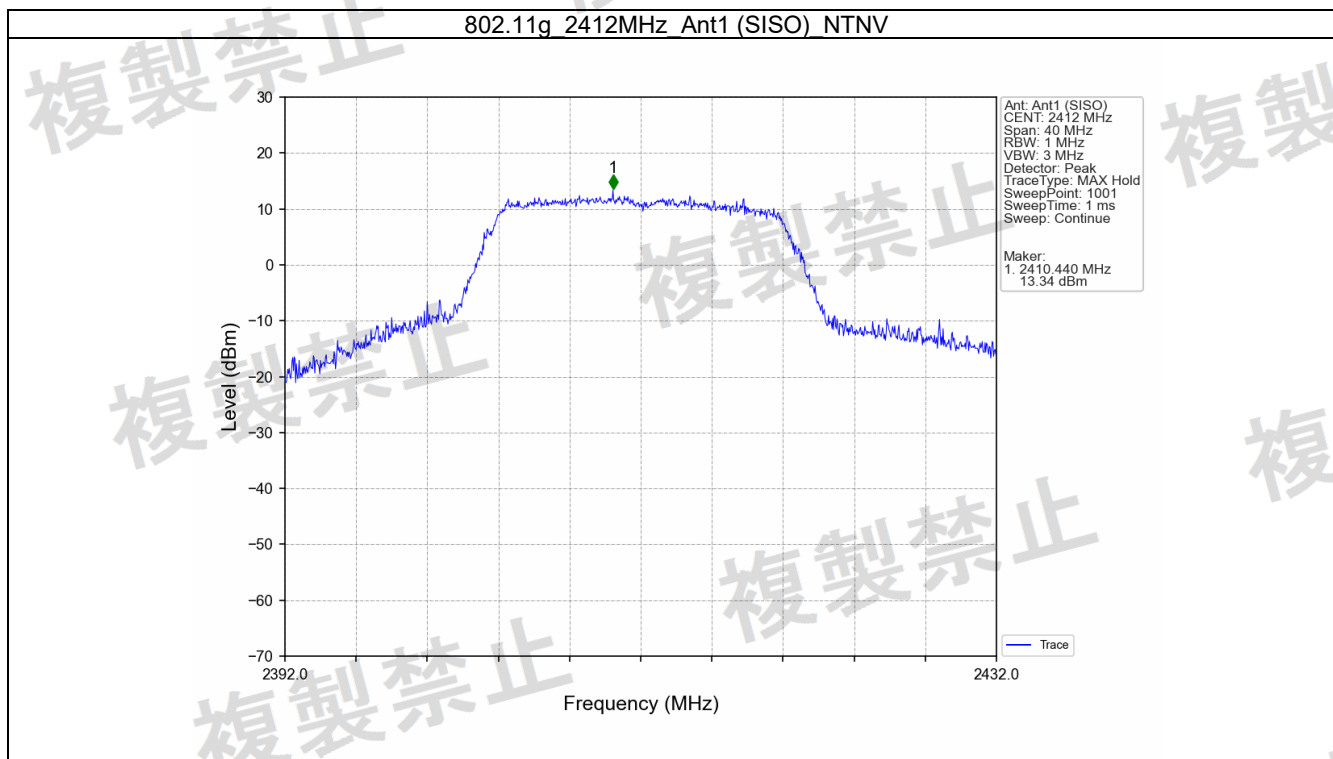
802.11b 2472MHz Ant1 (SISO) NTN



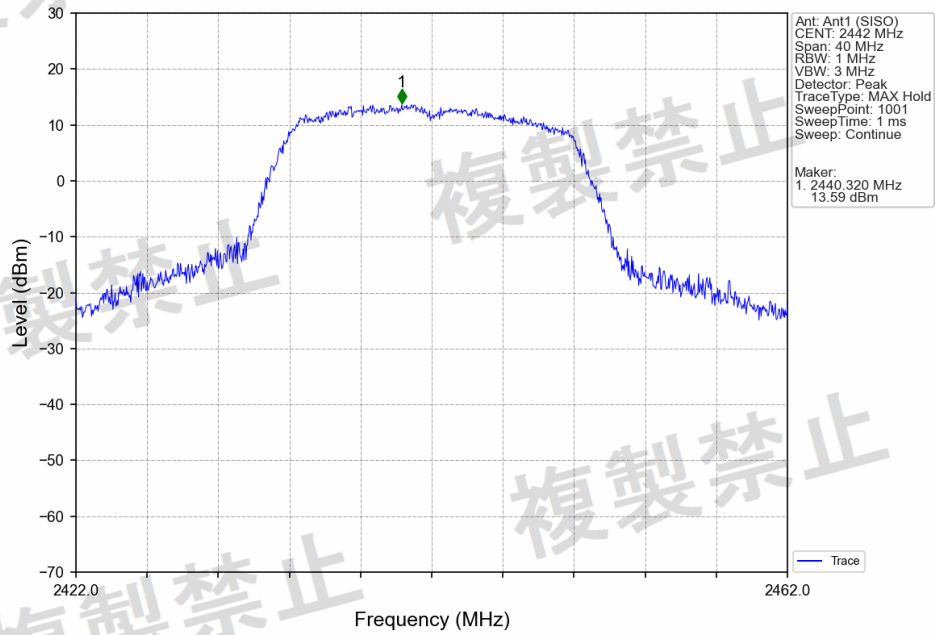
802.11b 2472MHz Ant1 (SISO) NTN



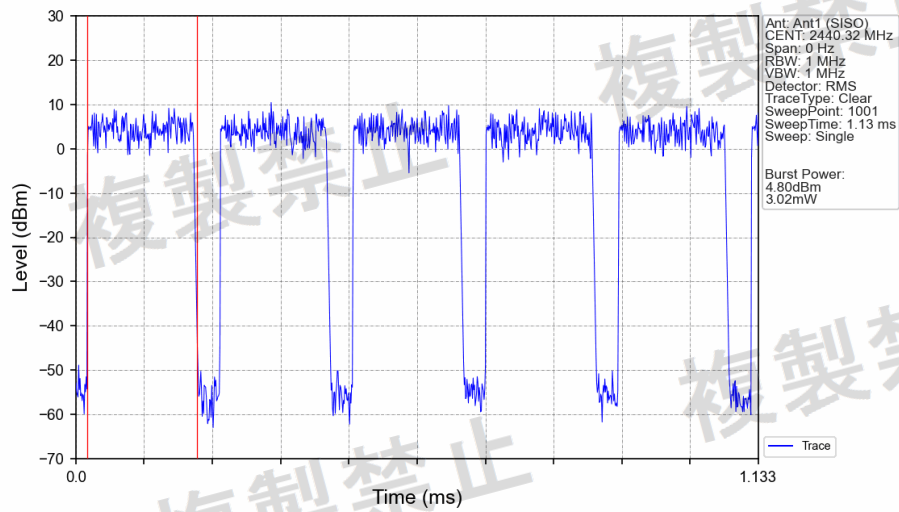
Burst No.	1	2	3	4
Length (ms)	0.938	0.938	0.936	0.938
Power(dBm)	6.72	6.85	6.86	6.77
Power(mW)	4.700	4.840	4.855	4.748
Remark	/	/	Max	/



802.11g 2442MHz Ant1 (SISO) NTN

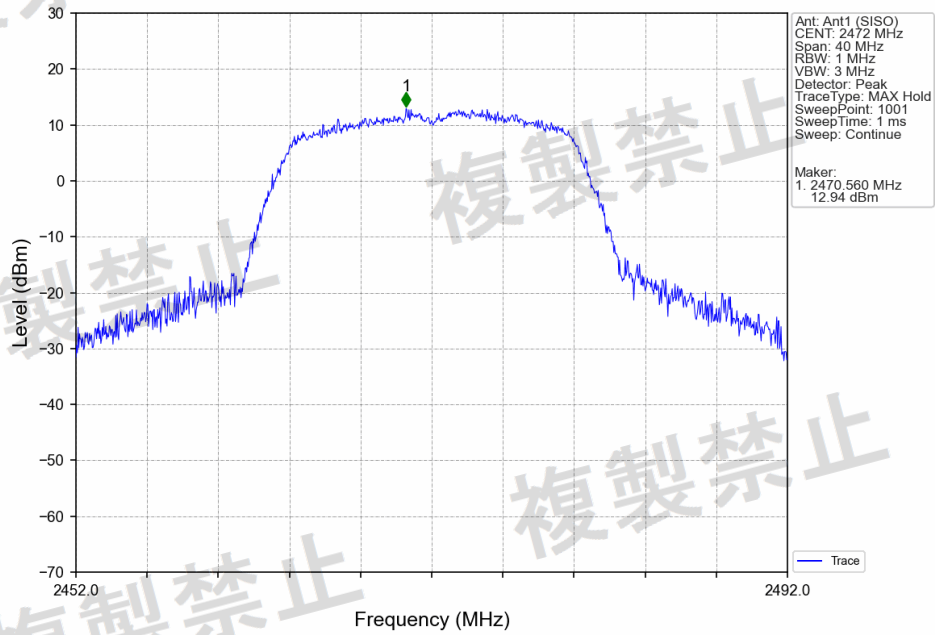


802.11g 2442MHz Ant1 (SISO) NTN

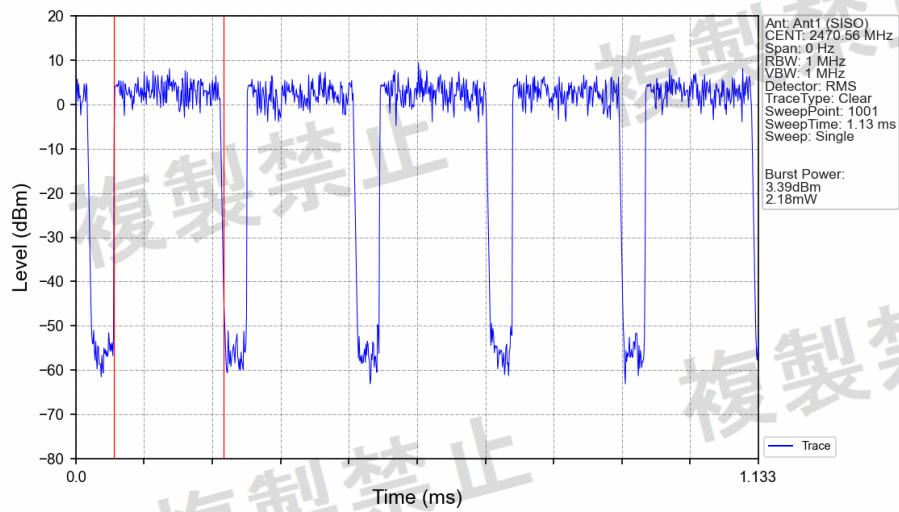


Burst No.	1	2	3	4	5
Length (ms)	0.181	0.181	0.182	0.181	0.181
Power(dBm)	4.80	4.39	4.74	4.56	4.31
Power(mW)	3.023	2.750	2.978	2.857	2.699
Remark	Max	/	/	/	/

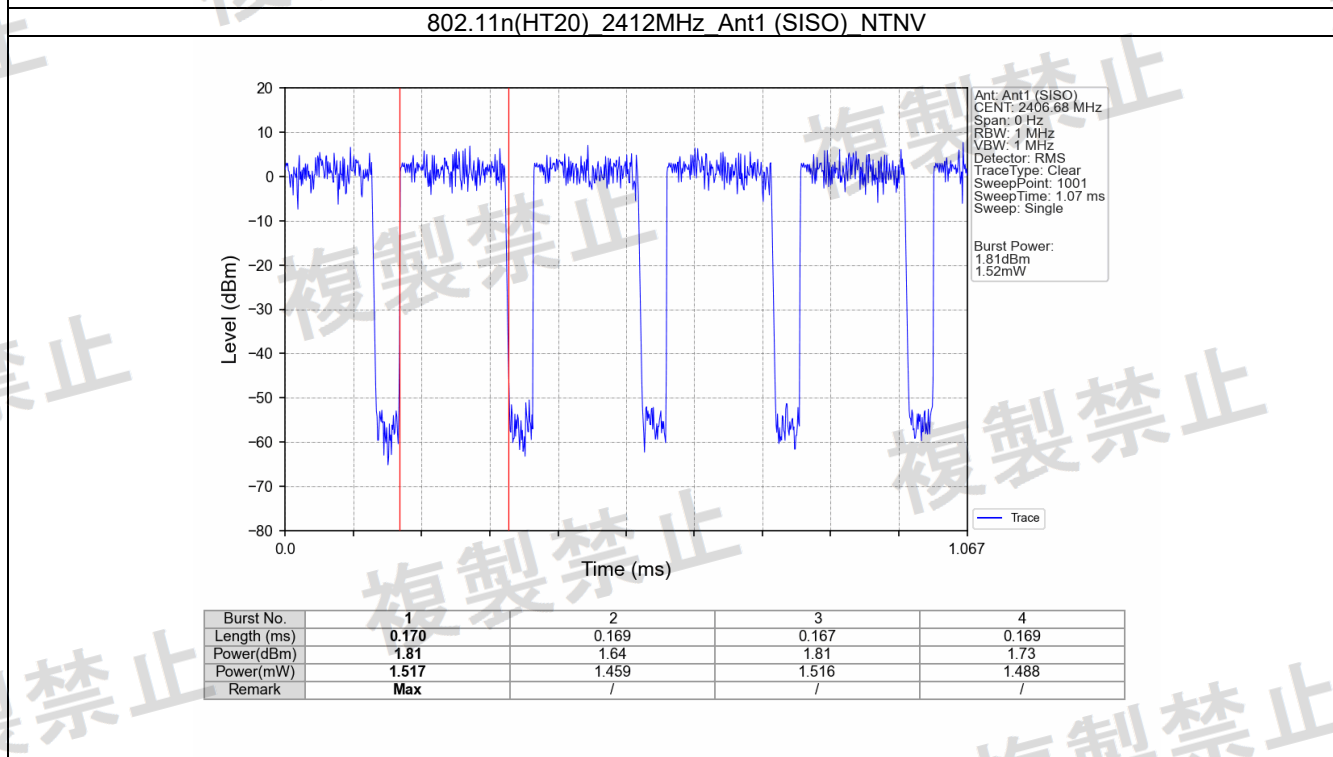
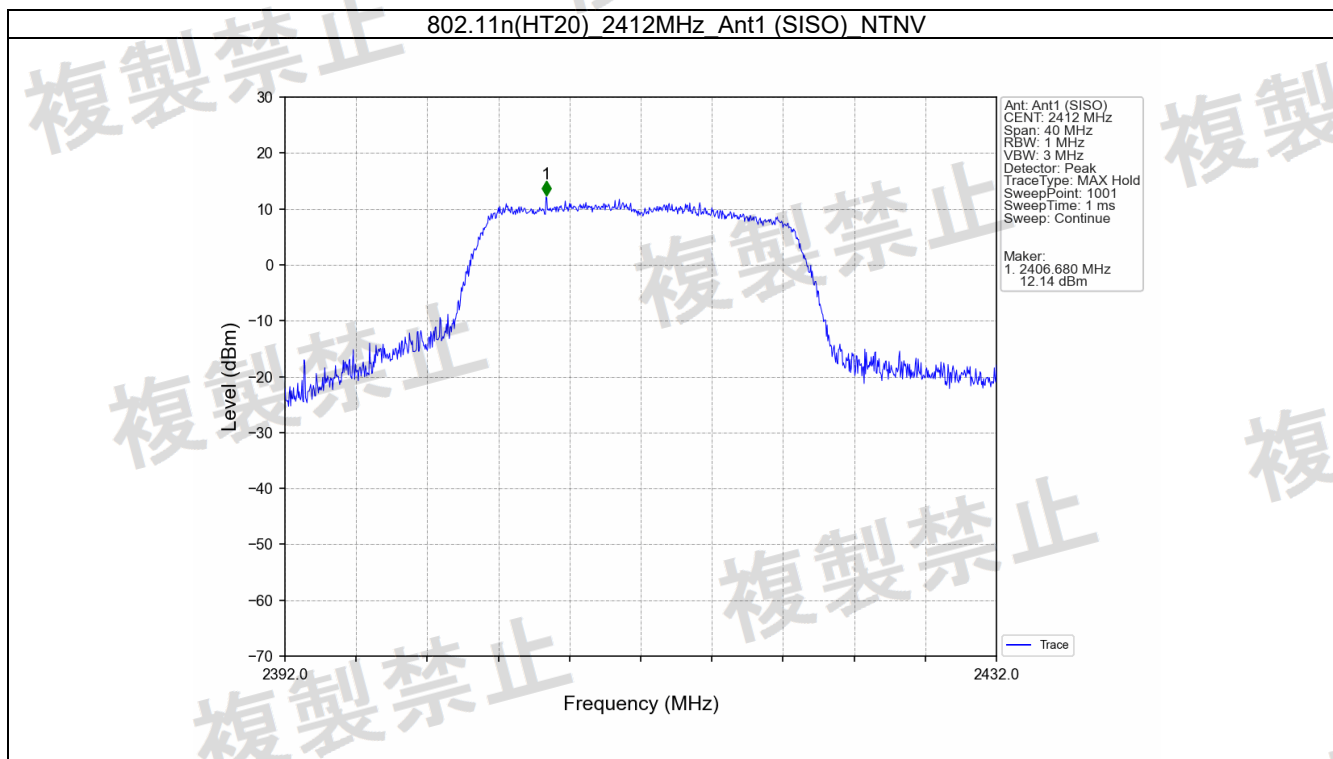
802.11g 2472MHz Ant1 (SISO) NTN

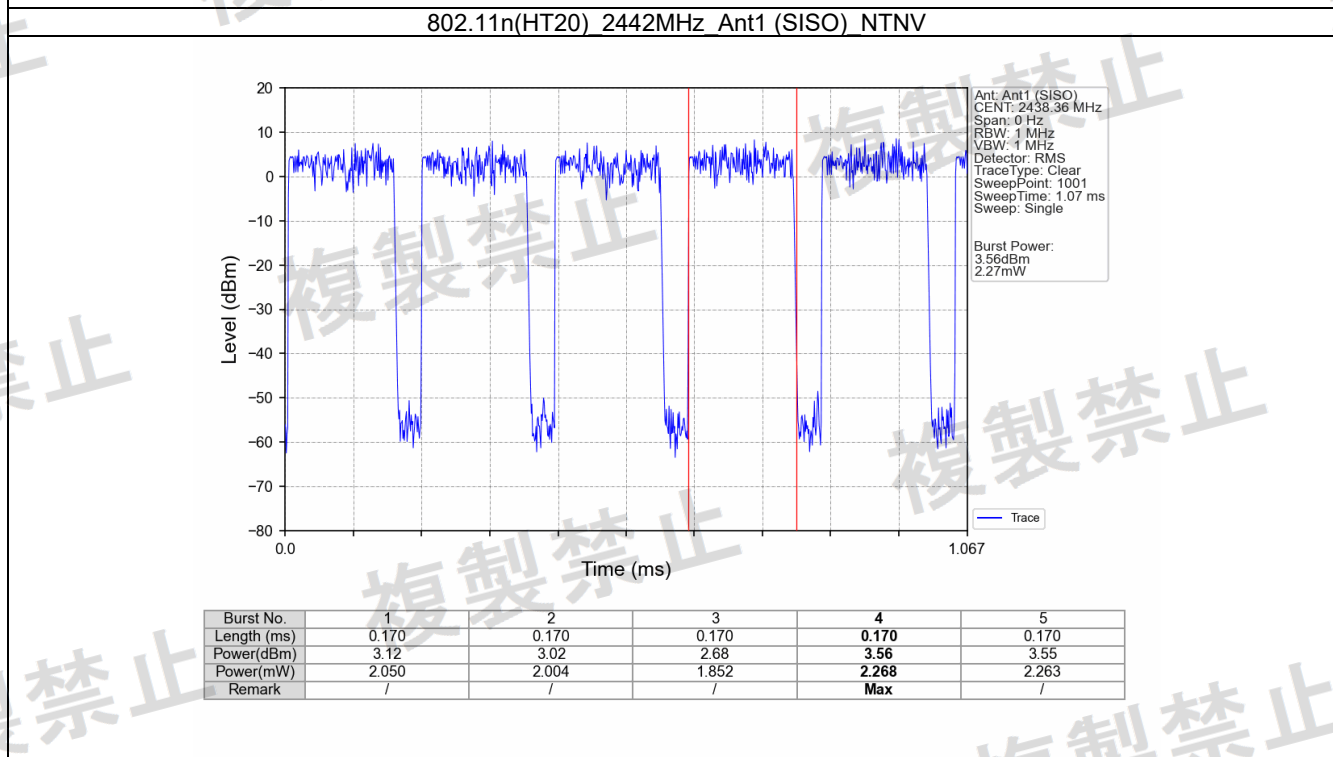
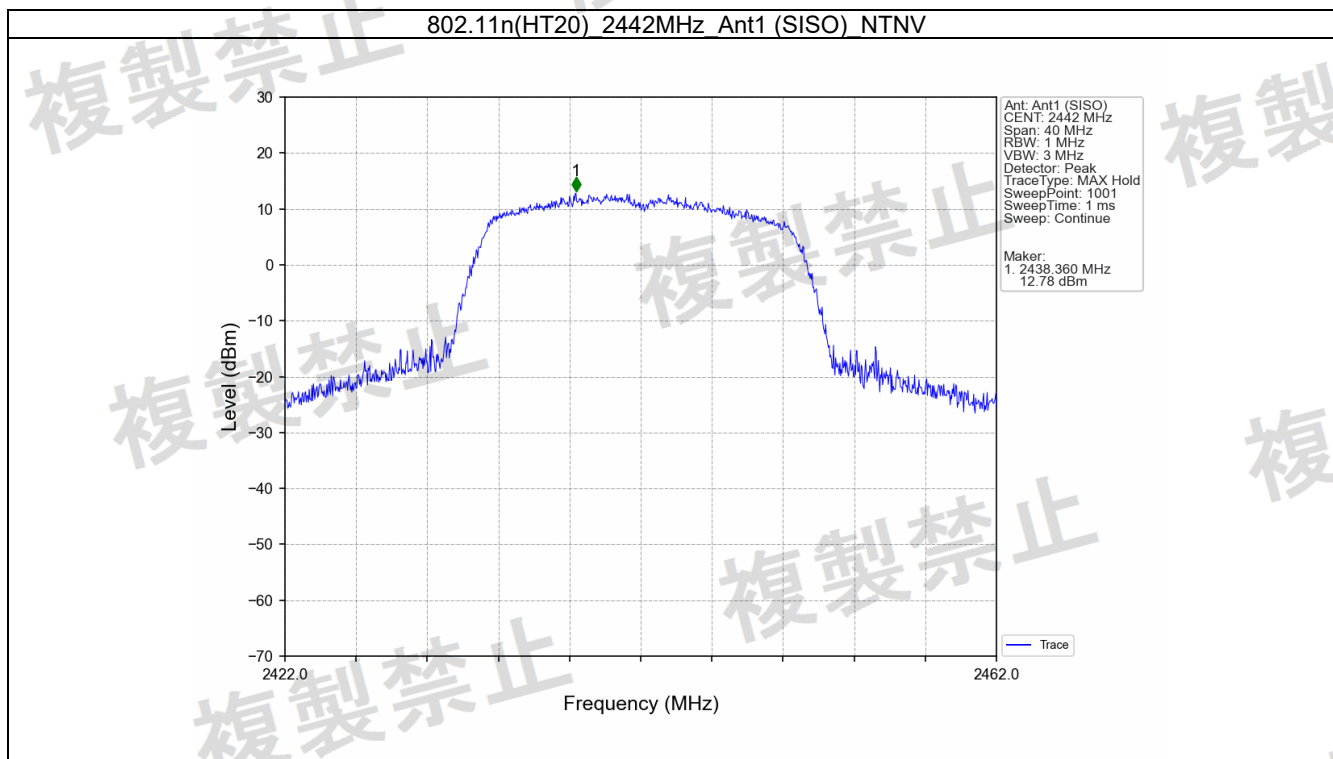


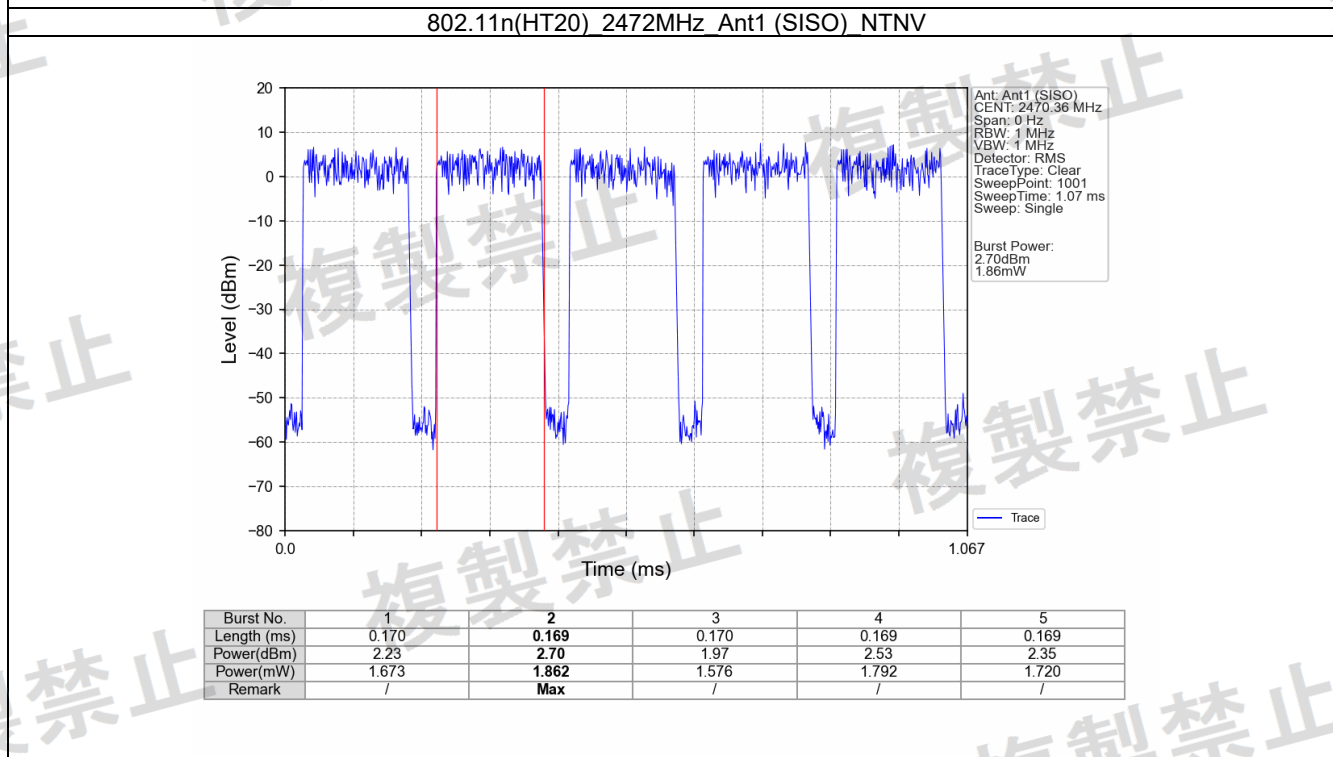
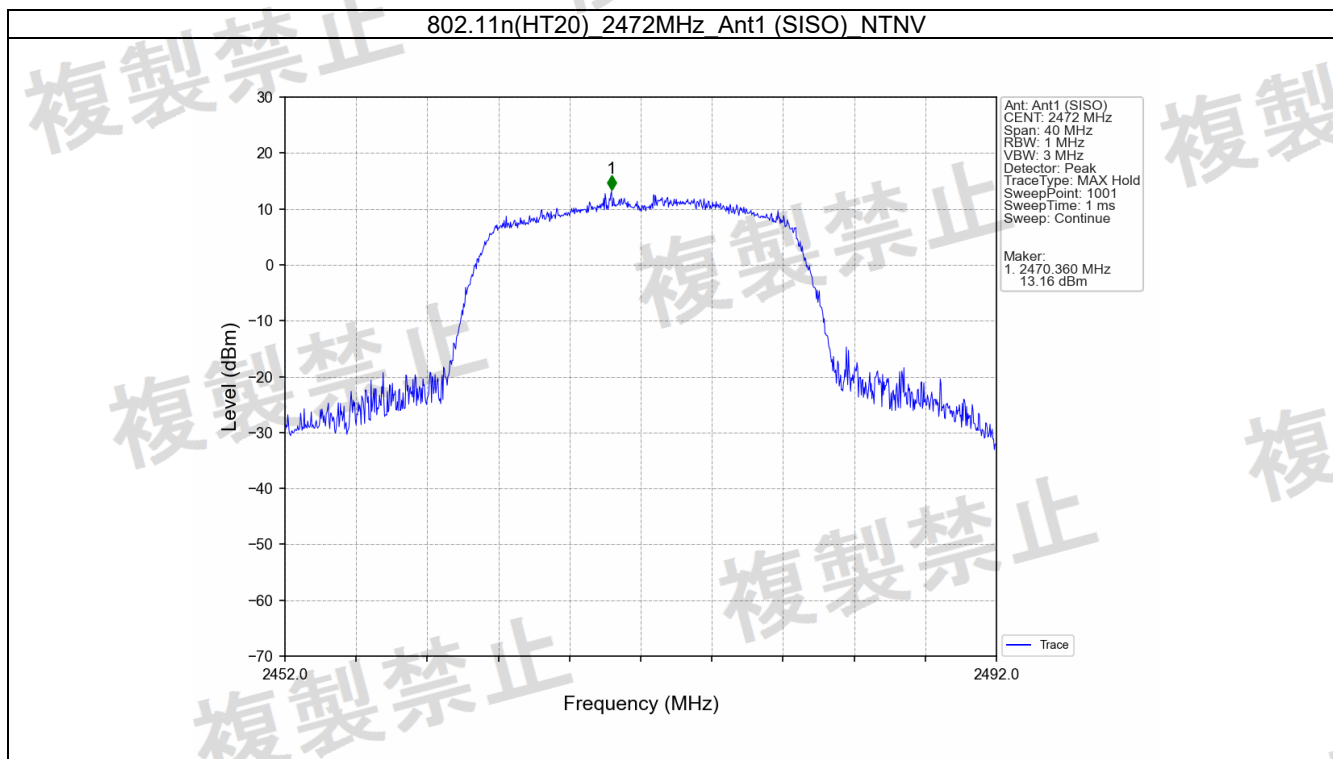
802.11g 2472MHz Ant1 (SISO) NTN

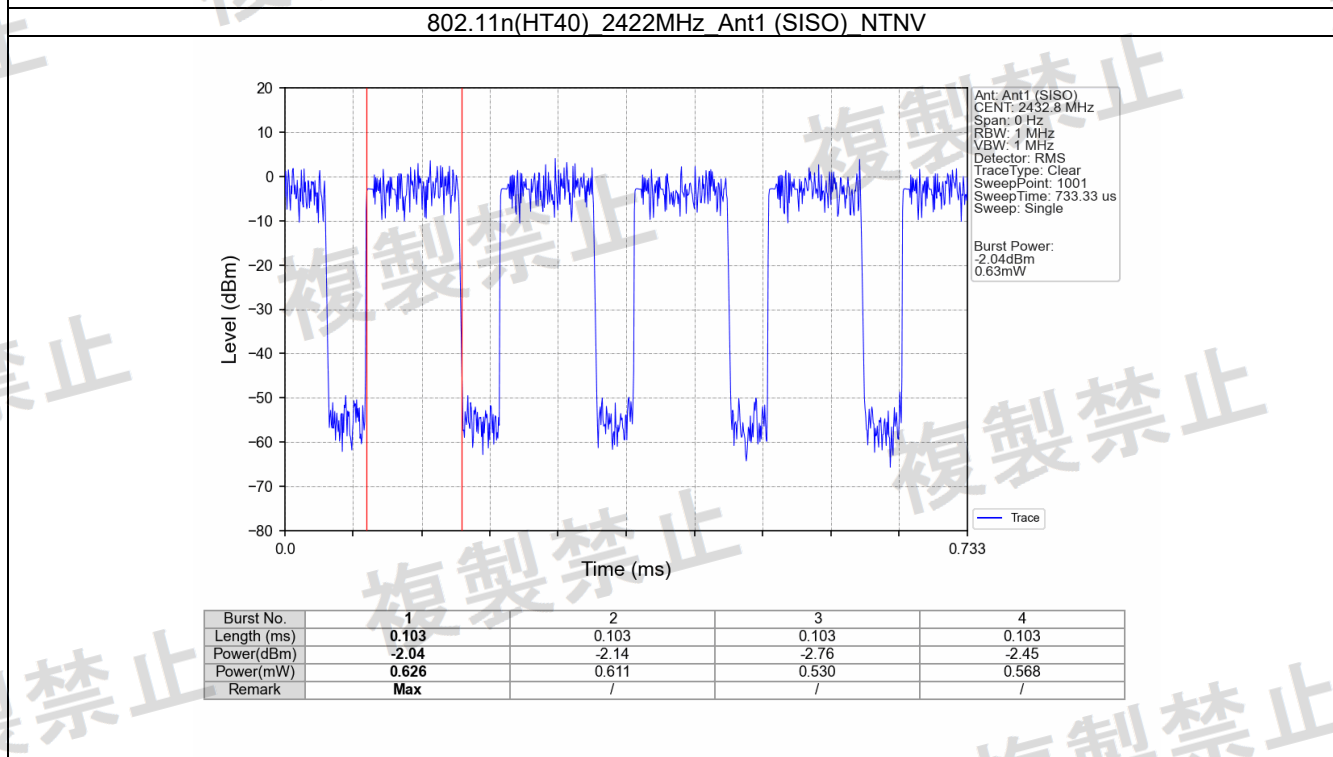
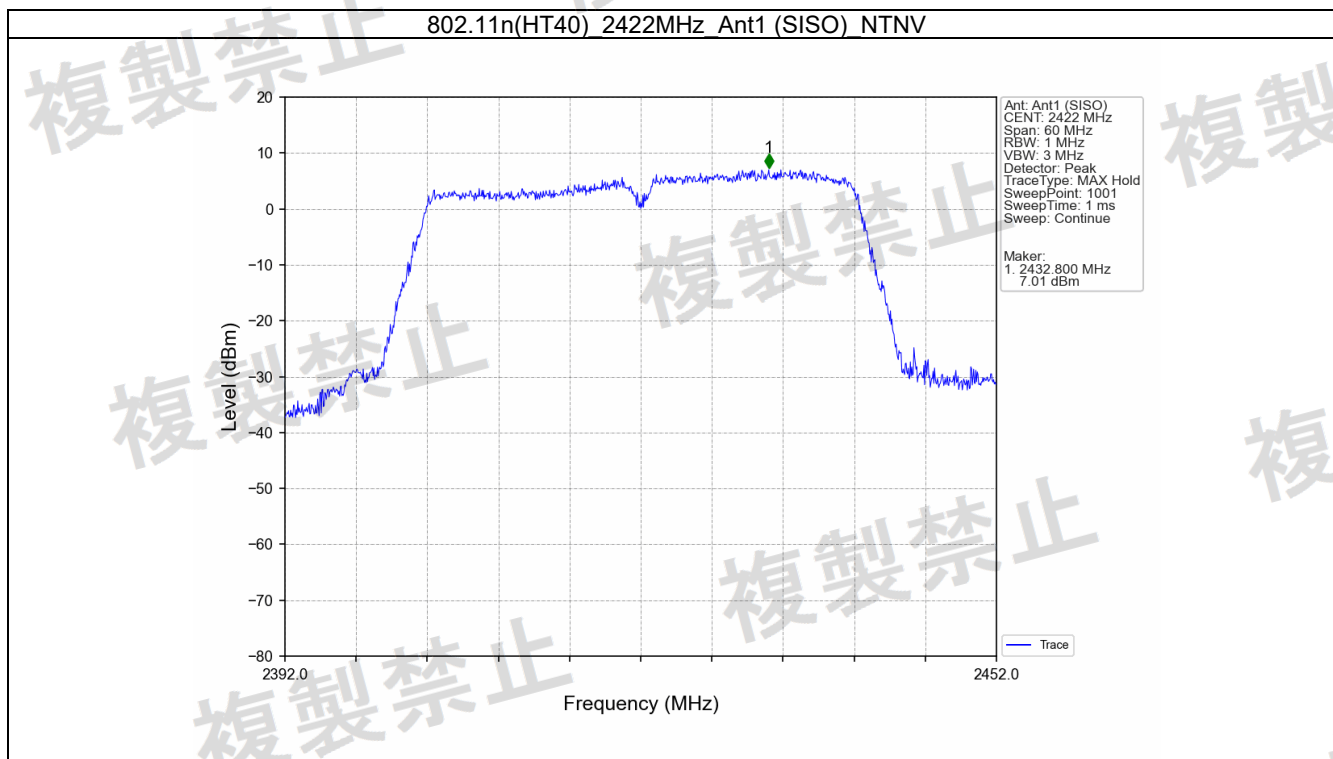


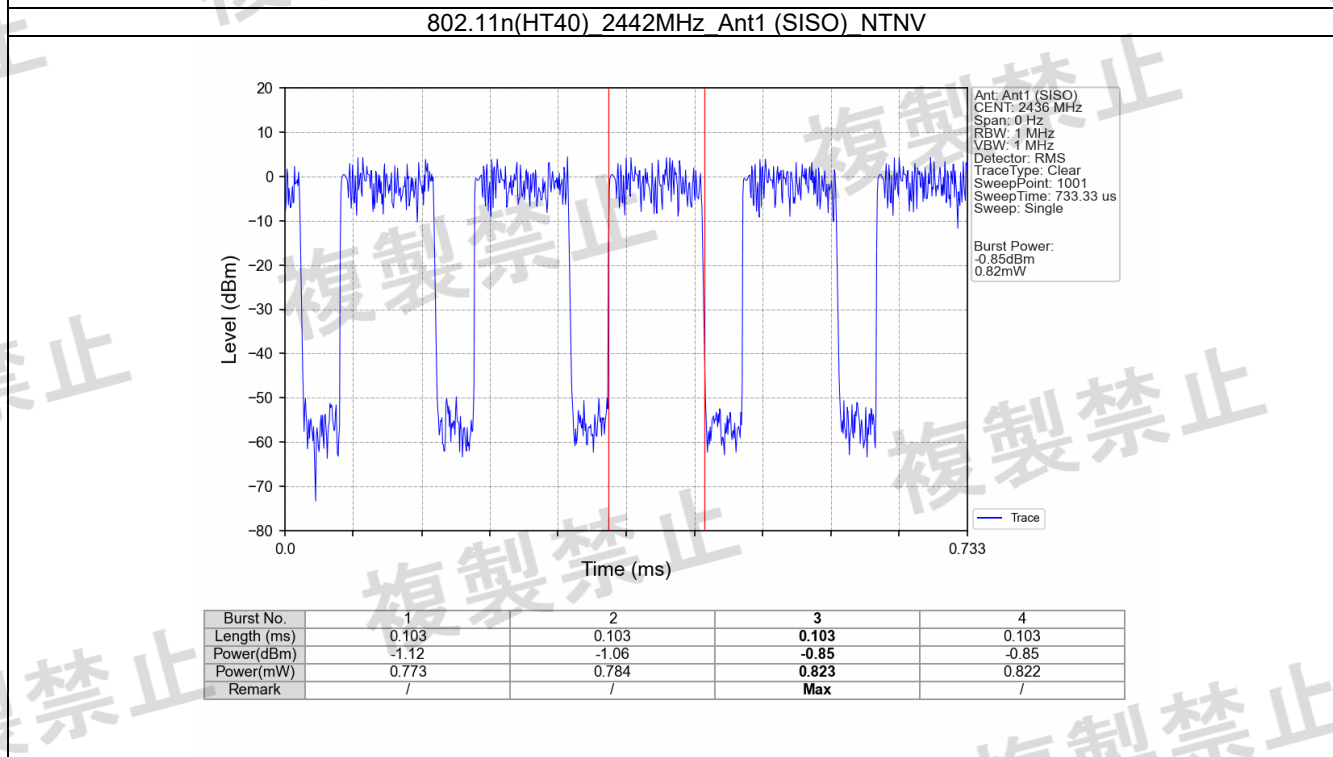
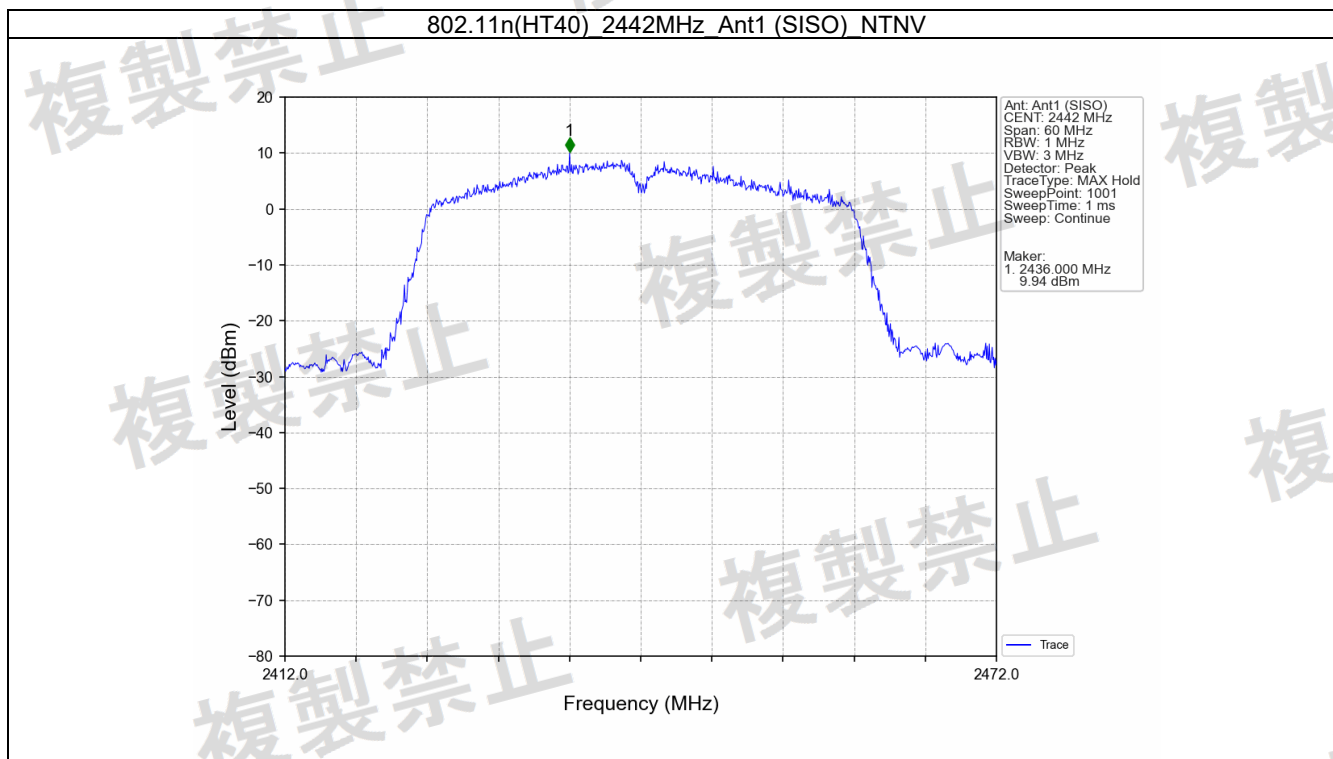
Burst No.	1	2	3	4
Length (ms)	0.182	0.184	0.184	0.184
Power(dBm)	3.39	2.61	3.17	2.91
Power(mW)	2.184	1.825	2.077	1.954
Remark	Max	/	/	/

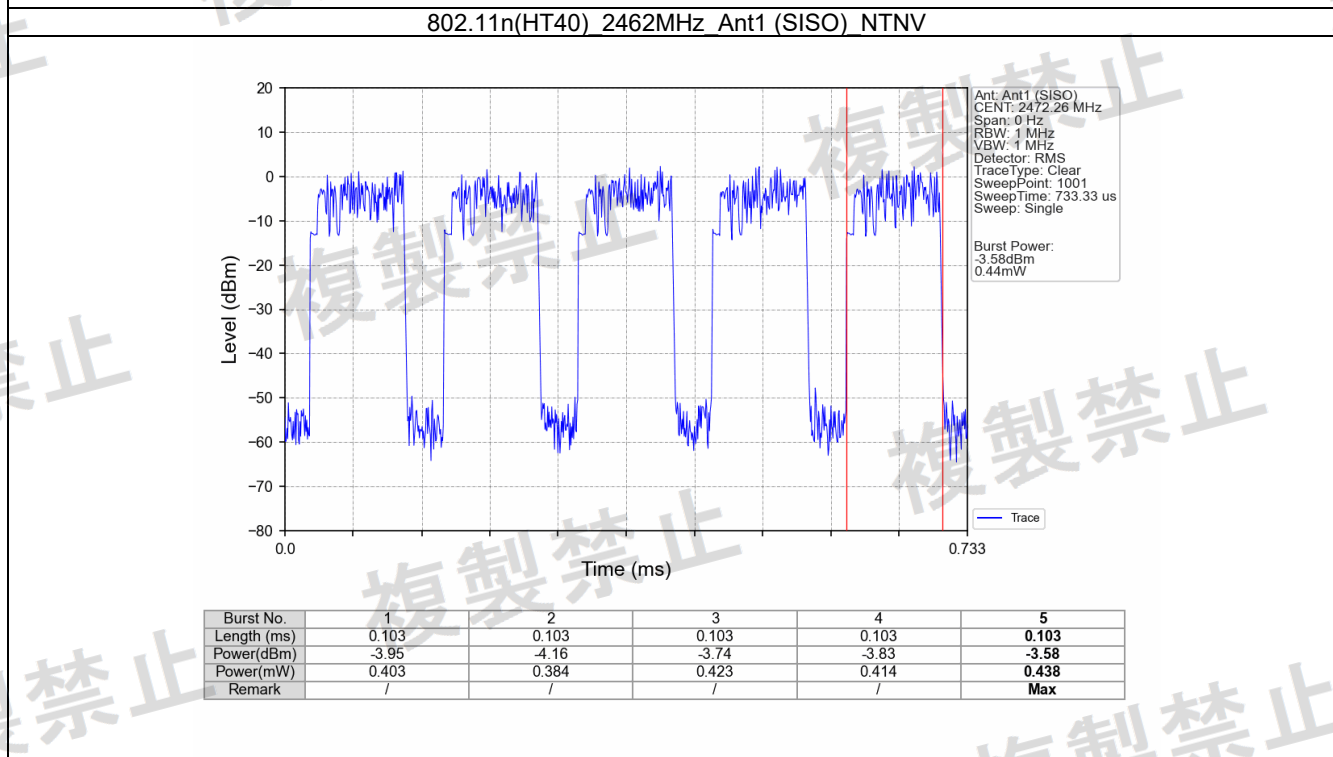
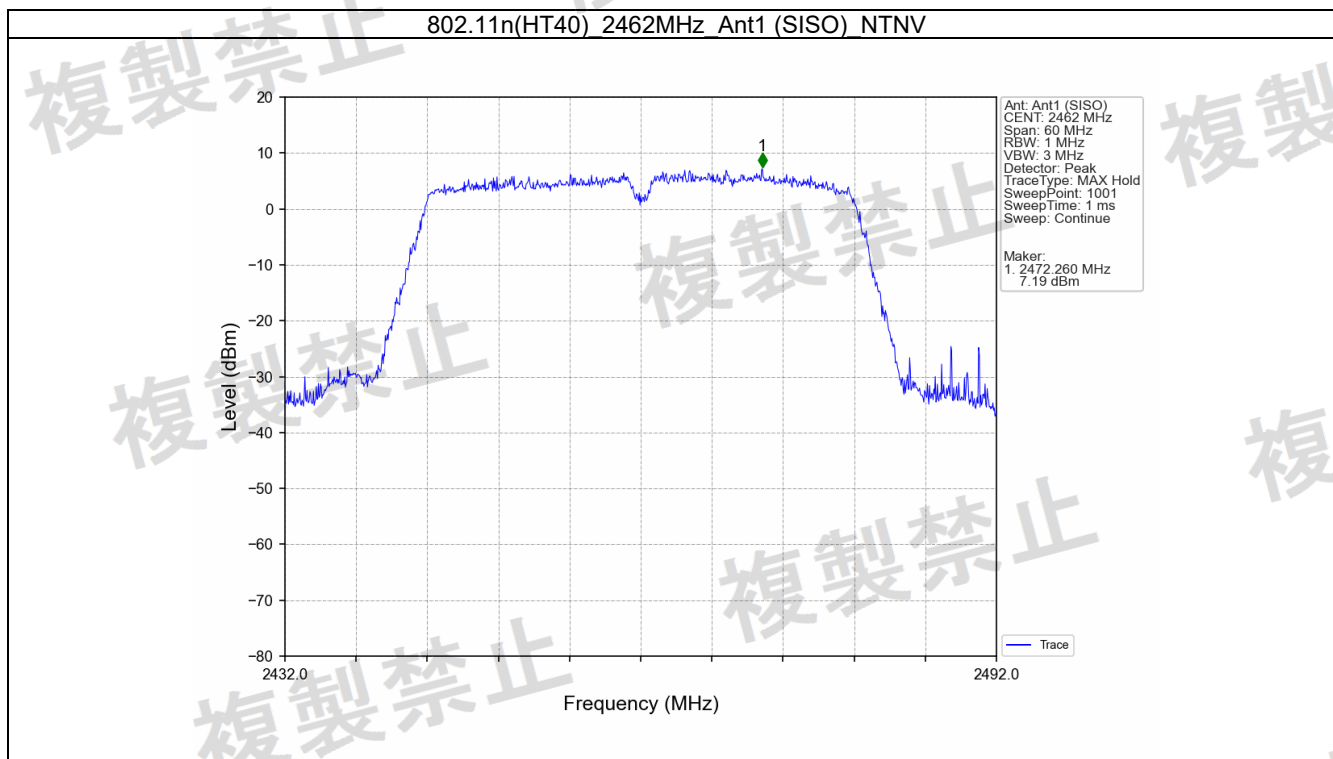












5. Spurious Emission Intensity

5.1 Test Result

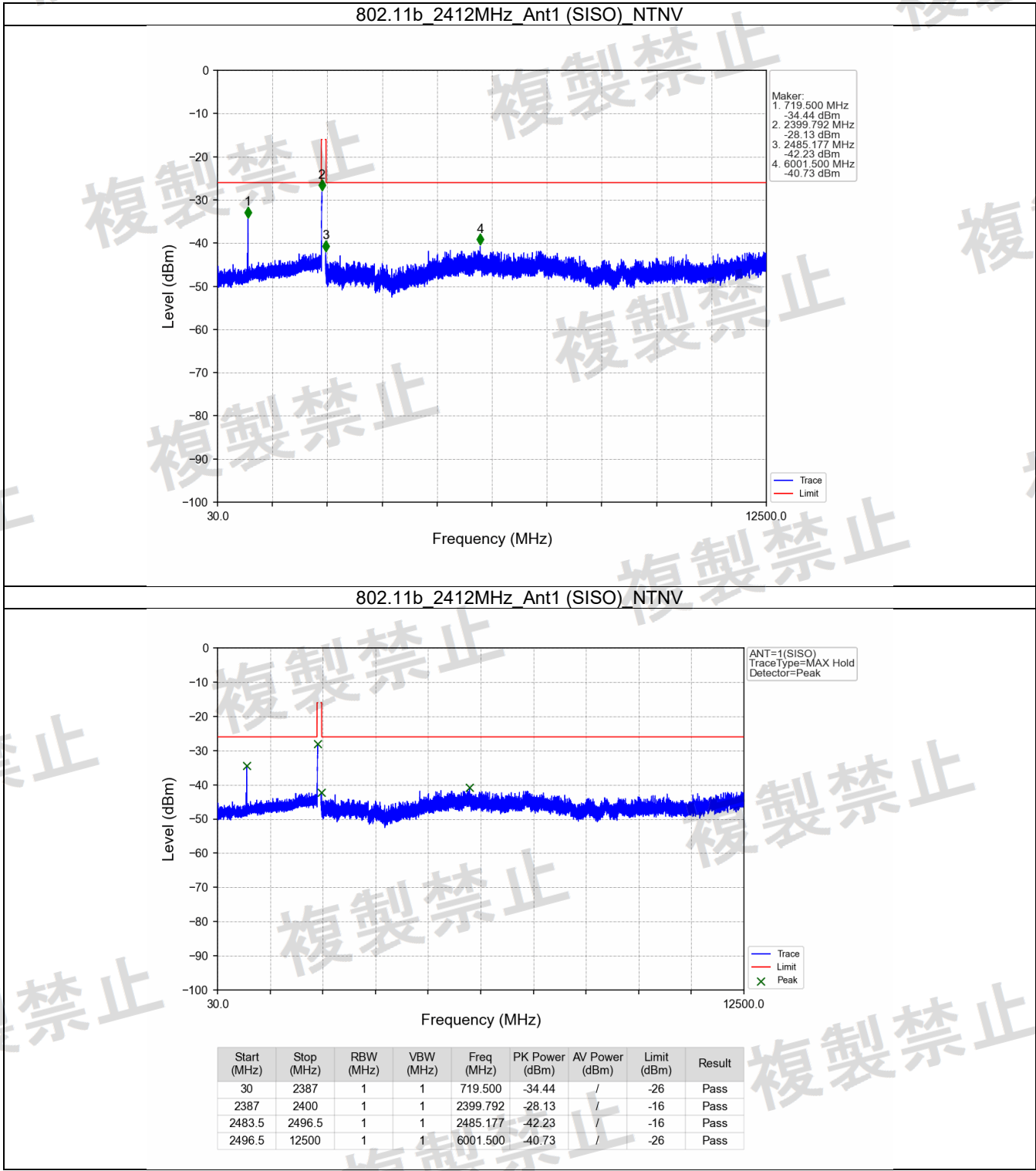
5.1.1 TxSe_NTNV

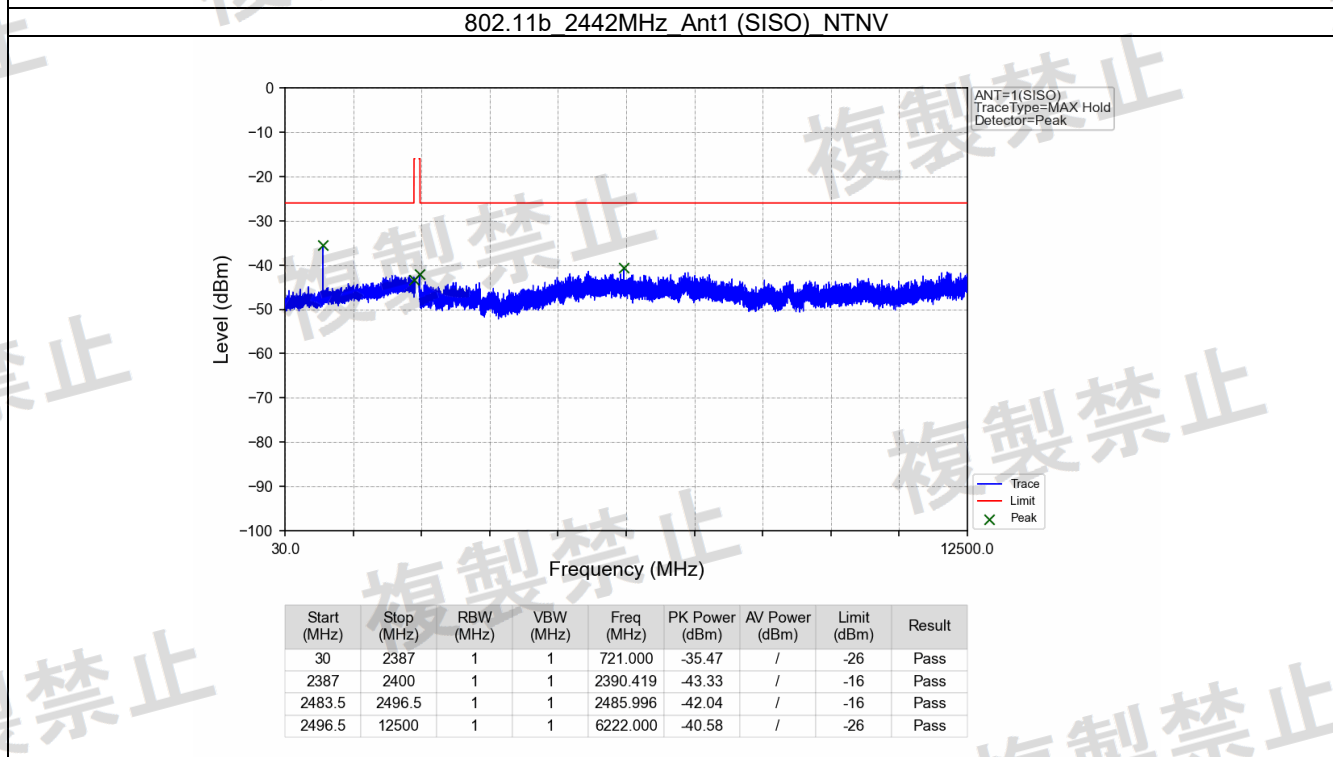
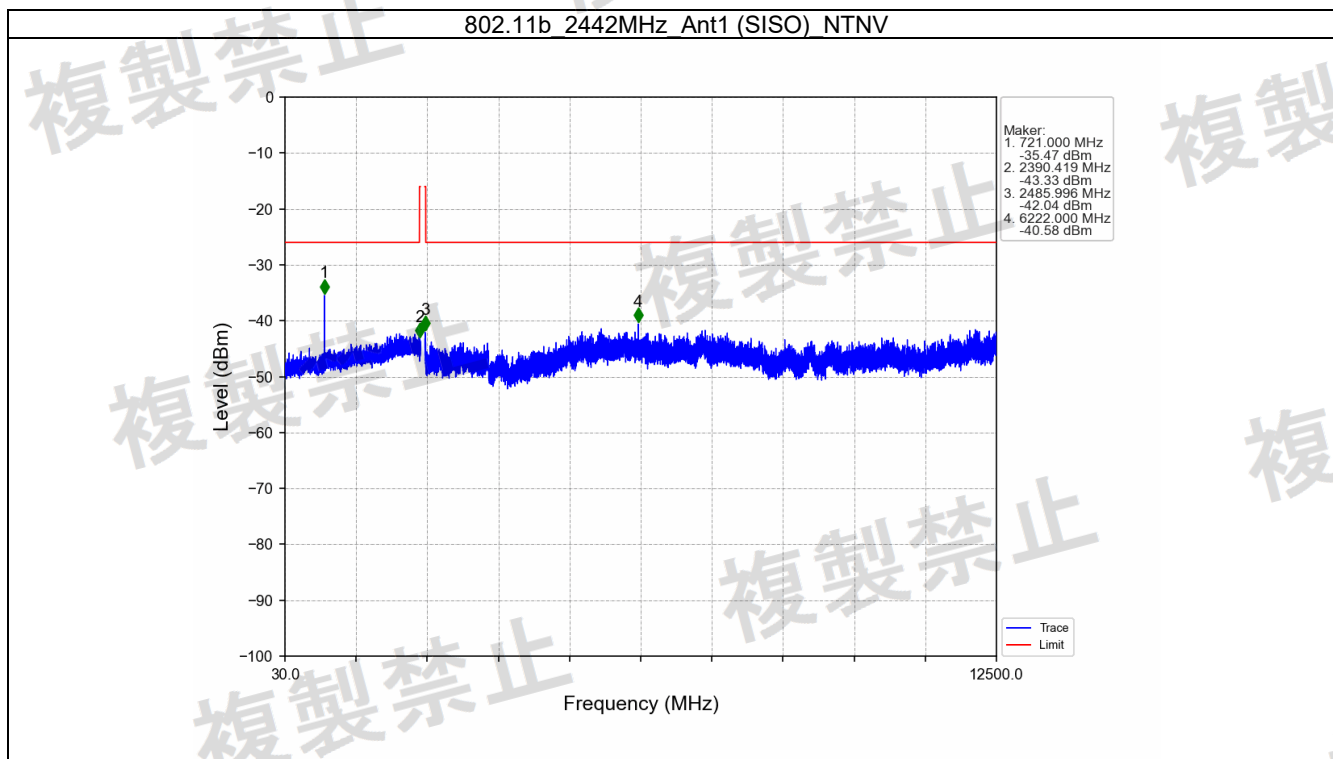
NTNV												
Mode	TX Type	Freq. (MHz)	ANT	Freq. Range		Marker					Limit (uW /MHz)	Verdict
				Start (MHz)	Stop (MHz)	Freq. (MHz)	PK Power (dBm /MHz)	PK Power (uW /MHz)	AV Power (dBm /MHz)	AV Power (uW /MHz)		
802.11b	SISO	2412	1	30	2387	719.5	-34.44	0.360	/	/	2.5	Pass
				2387	2400	2399.792	-28.13	1.538	/	/	25	Pass
				2483.5	2496.5	2485.177	-42.23	0.060	/	/	25	Pass
				2496.5	12500	6001.5	-40.73	0.085	/	/	2.5	Pass
		2442	1	30	2387	721	-35.47	0.284	/	/	2.5	Pass
				2387	2400	2390.419	-43.33	0.046	/	/	25	Pass
				2483.5	2496.5	2485.996	-42.04	0.063	/	/	25	Pass
				2496.5	12500	6222	-40.58	0.087	/	/	2.5	Pass
		2472	1	30	2387	720.5	-31.95	0.638	/	/	2.5	Pass
				2387	2400	2398.271	-42.95	0.051	/	/	25	Pass
				2483.5	2496.5	2483.63	-34.63	0.344	/	/	25	Pass
				2496.5	12500	5860.5	-40.40	0.091	/	/	2.5	Pass
802.11g	SISO	2412	1	30	2387	723	-36.34	0.232	/	/	2.5	Pass
				2387	2400	2399.779	-8.65	136.458	-20.07	9.840	25	Pass
				2483.5	2496.5	2483.734	-40.38	0.092	/	/	25	Pass
				2496.5	12500	12479	-41.56	0.070	/	/	2.5	Pass
		2442	1	30	2387	723	-37.78	0.167	/	/	2.5	Pass
				2387	2400	2399.961	-36.68	0.215	/	/	25	Pass
				2483.5	2496.5	2484.475	-38.71	0.135	/	/	25	Pass
				2496.5	12500	7350.5	-40.84	0.082	/	/	2.5	Pass
		2472	1	30	2387	723	-25.14	3.062	-41.14	0.077	2.5	Pass
				2387	2400	2398.609	-42.84	0.052	/	/	25	Pass
				2483.5	2496.5	2483.786	-14.33	36.898	-33.84	0.413	25	Pass
				2496.5	12500	5935	-41.58	0.070	/	/	2.5	Pass
802.11n (HT20)	SISO	2412	1	30	2387	706.5	-35.84	0.261	/	/	2.5	Pass
				2387	2400	2398.336	-12.12	61.376	-29.64	1.086	25	Pass
				2483.5	2496.5	2490	-42.71	0.054	/	/	25	Pass
				2496.5	12500	7320.5	-40.86	0.082	/	/	2.5	Pass
		2442	1	30	2387	716	-36.62	0.218	/	/	2.5	Pass
				2387	2400	2399.363	-37.02	0.199	/	/	25	Pass
				2483.5	2496.5	2485.099	-38.19	0.152	/	/	25	Pass
				2496.5	12500	6188.5	-41.09	0.078	/	/	2.5	Pass
		2472	1	30	2387	723	-37.52	0.177	/	/	2.5	Pass
				2387	2400	2399.74	-42.53	0.056	/	/	25	Pass
				2483.5	2496.5	2483.838	-16.38	23.014	-34.24	0.377	25	Pass
				2496.5	12500	5990.5	-41.44	0.072	/	/	2.5	Pass
802.11n (HT40)	SISO	2422	1	30	2387	705.5	-41.98	0.063	/	/	2.5	Pass
				2387	2400	2399.974	-27.47	1.791	/	/	25	Pass
				2483.5	2496.5	2484.683	-38.58	0.139	/	/	25	Pass
				2496.5	12500	12408	-41.18	0.076	/	/	2.5	Pass
		2442	1	30	2387	716.5	-32.37	0.579	/	/	2.5	Pass
				2387	2400	2399.974	-29.97	1.007	/	/	25	Pass
				2483.5	2496.5	2483.76	-31.25	0.750	/	/	25	Pass
				2496.5	12500	12478	-41.55	0.070	/	/	2.5	Pass

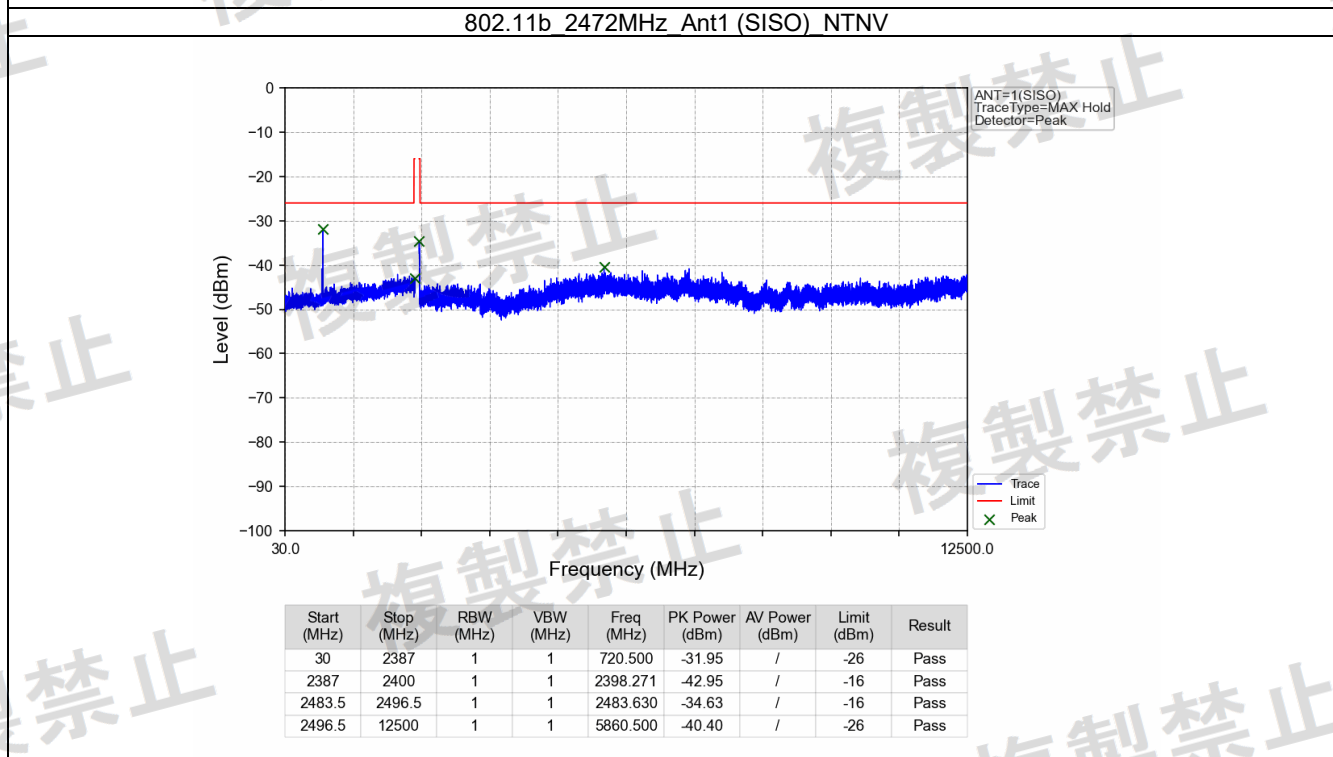
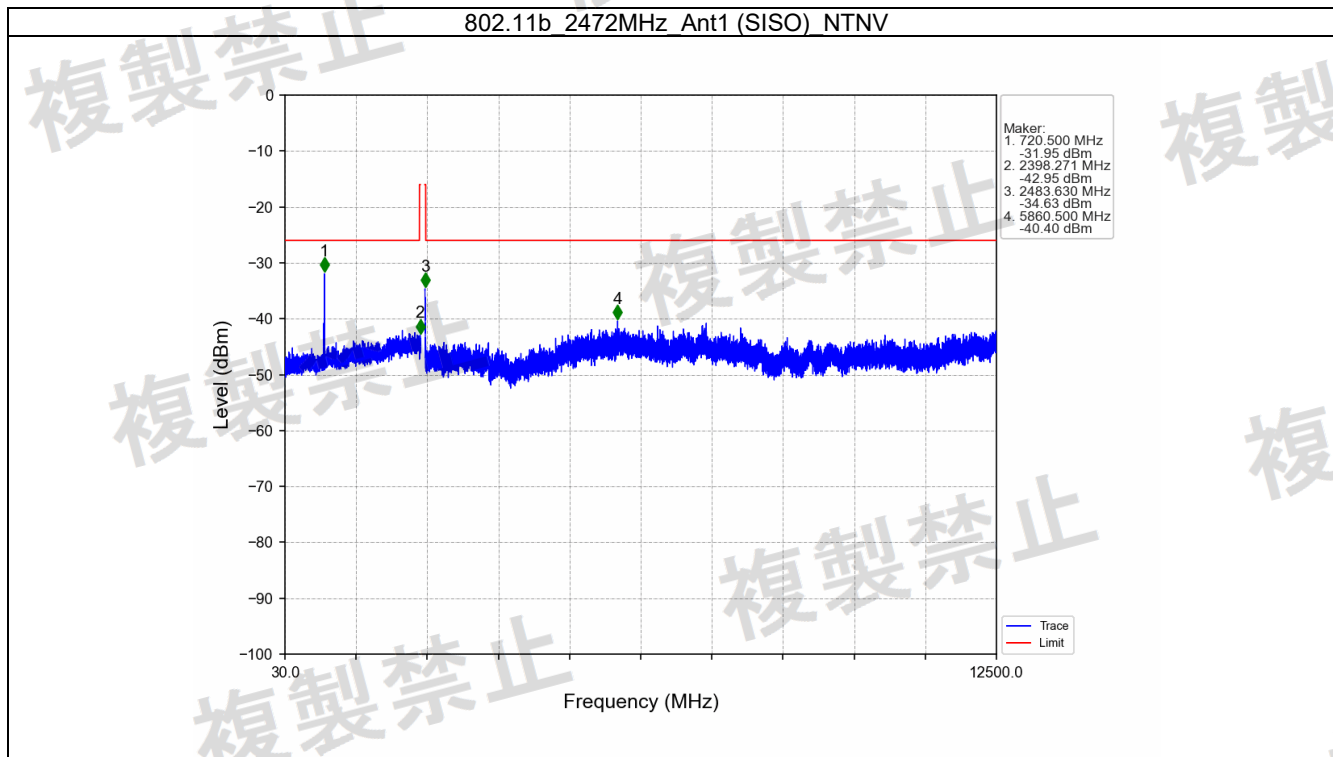
	2462	1	30	2387	2312.5	-42.11	0.062	/	/	2.5	Pass
			2387	2400	2399.792	-39.96	0.101	/	/	25	Pass
			2483.5	2496.5	2483.539	-26.16	2.421	/	/	25	Pass
			2496.5	12500	6034	-41.26	0.075	/	/	2.5	Pass

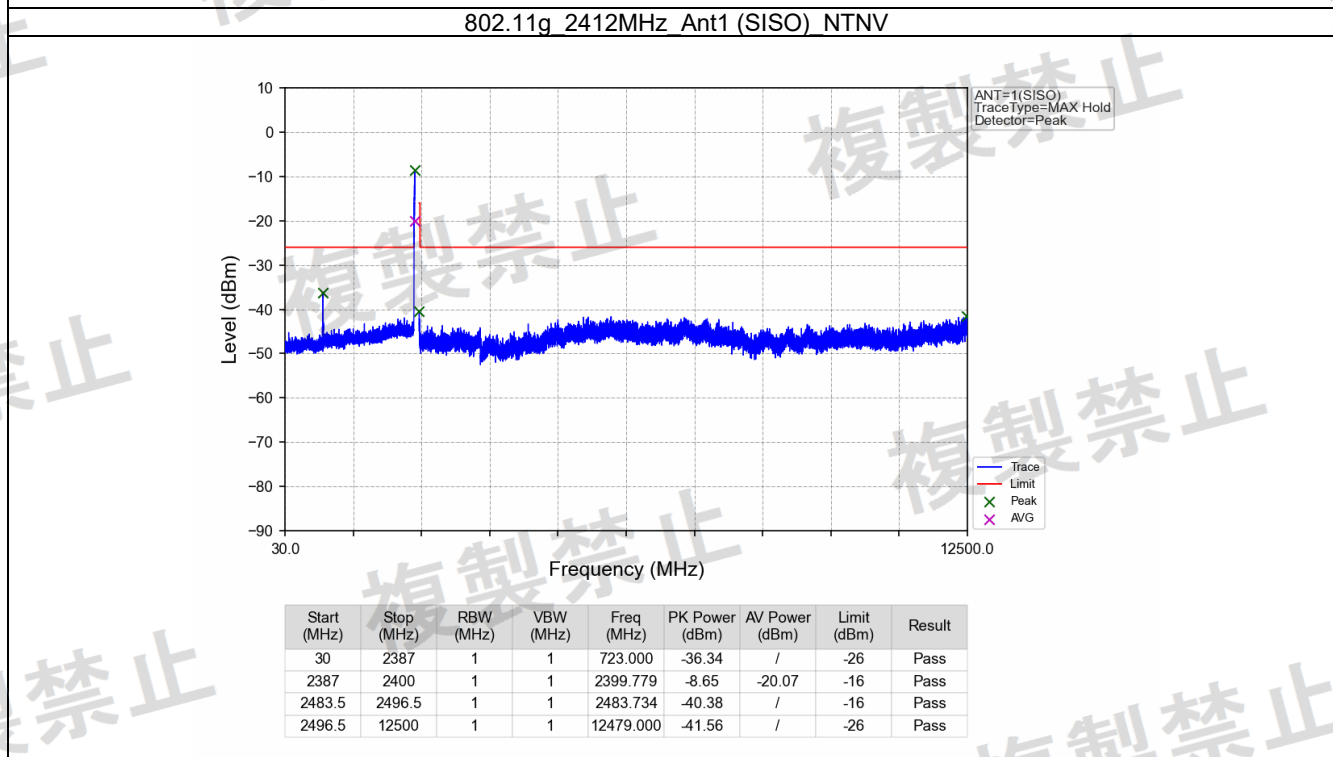
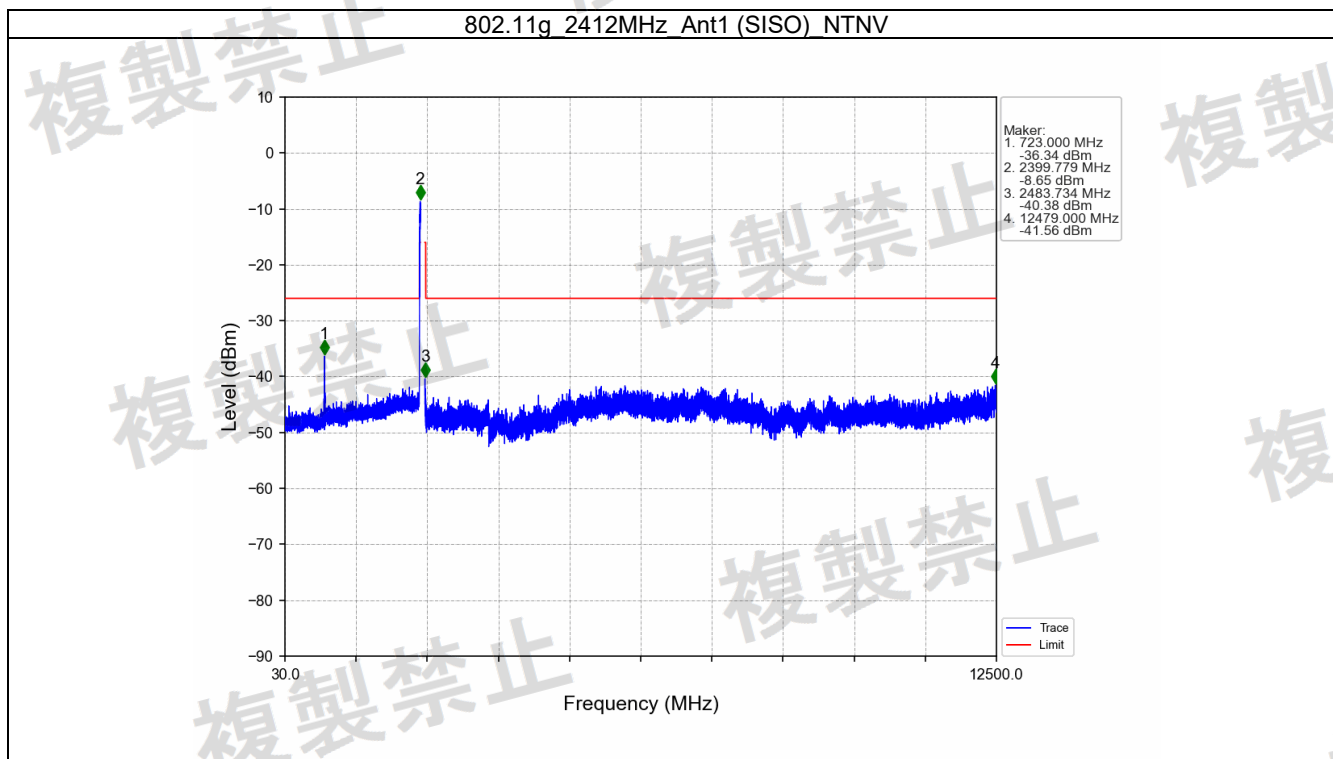
5.2 Test Graph

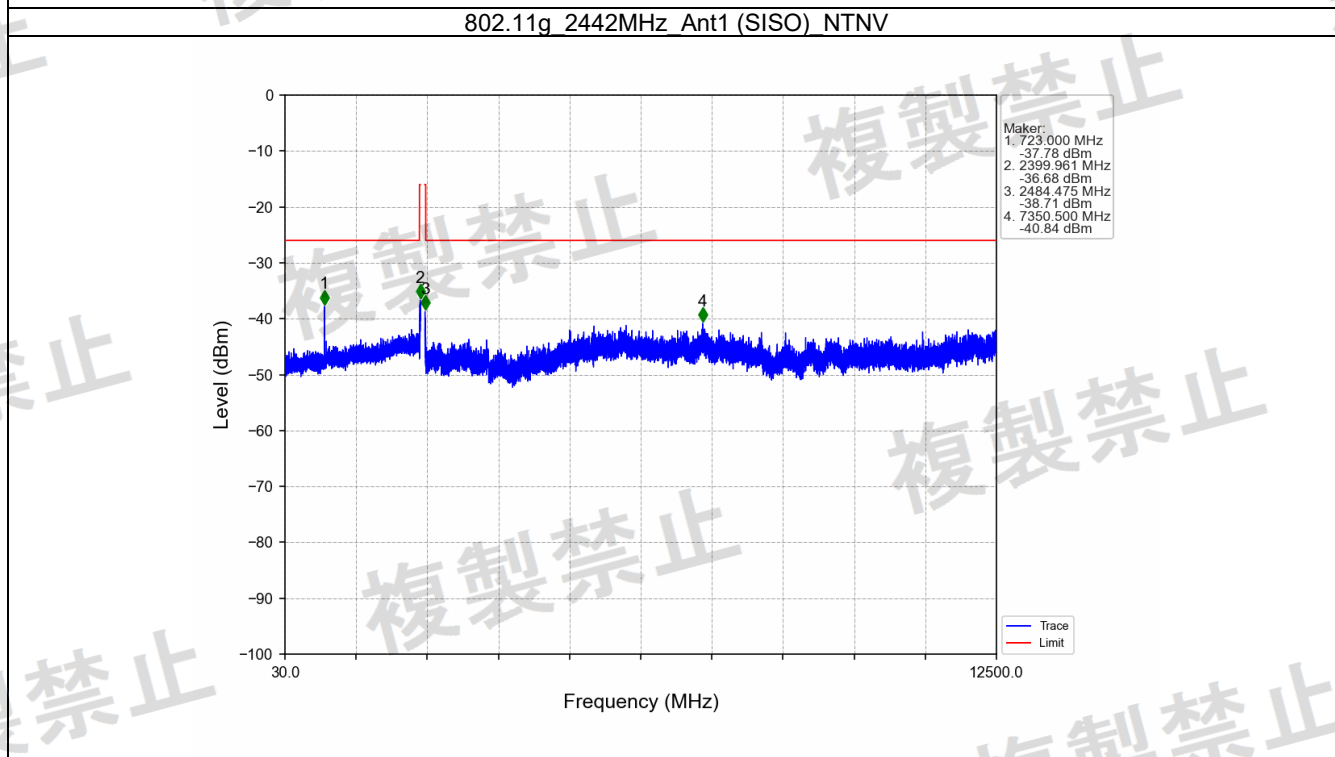
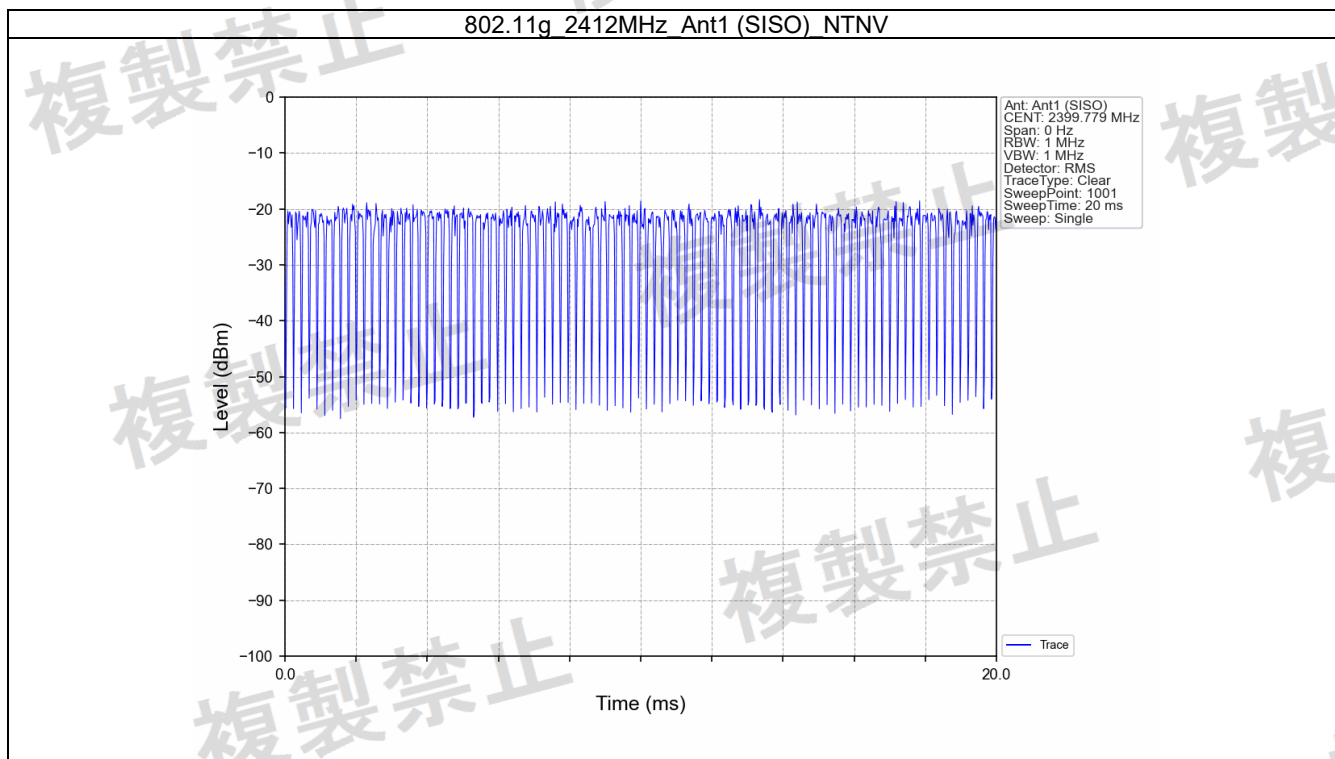
5.2.1 TxSe_NTNV

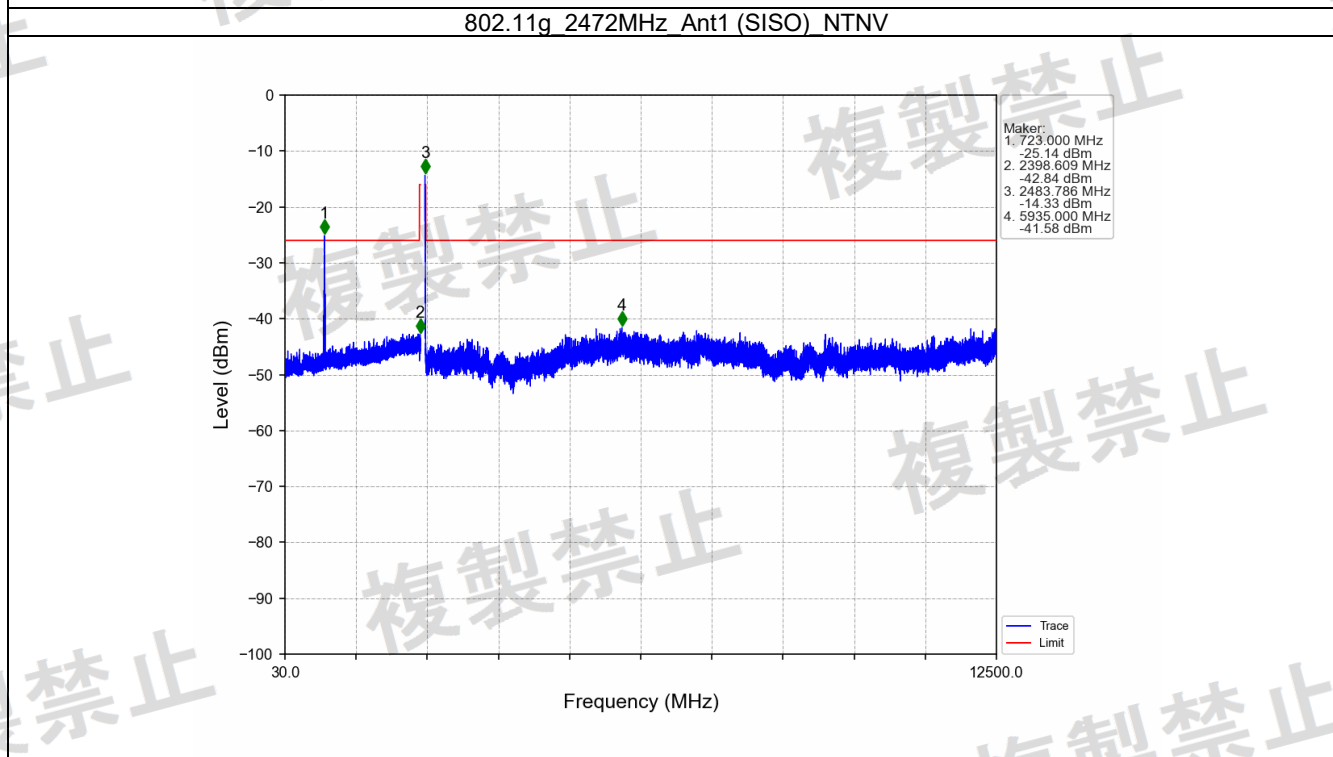
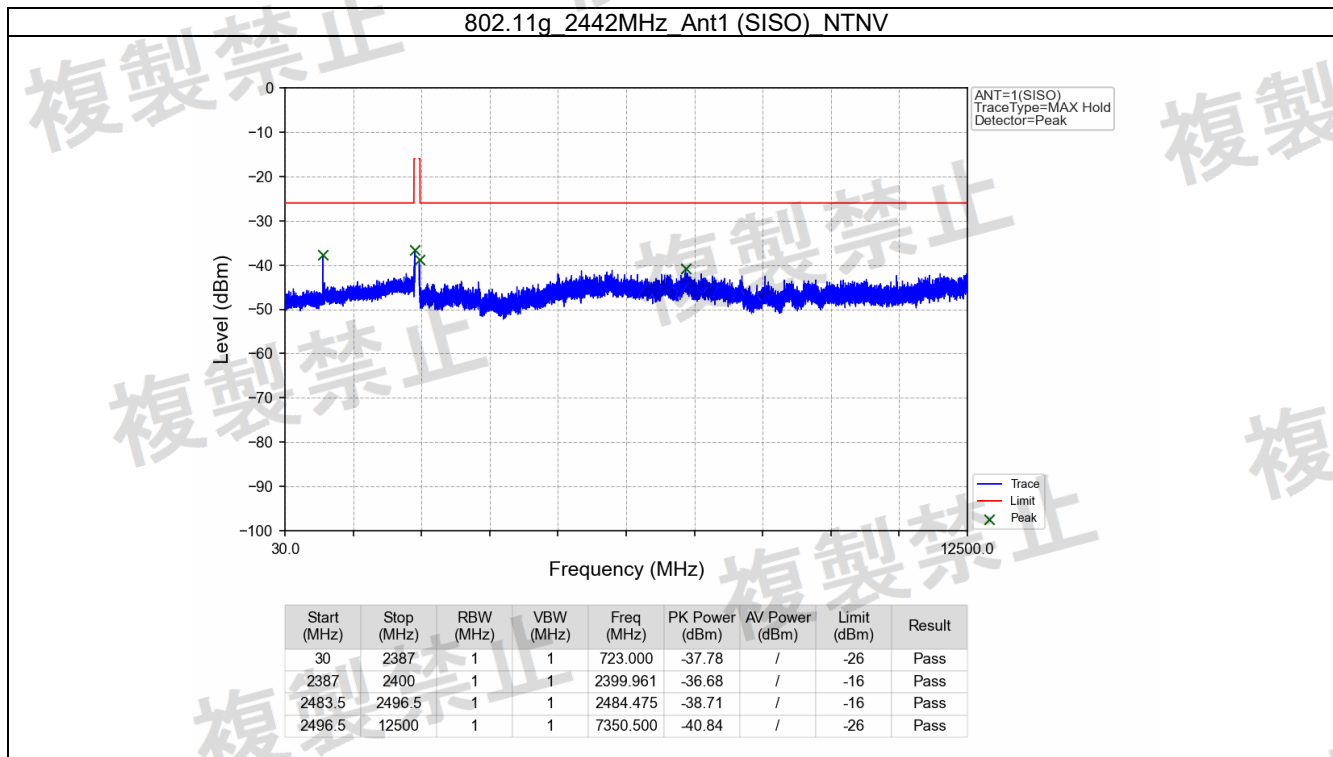


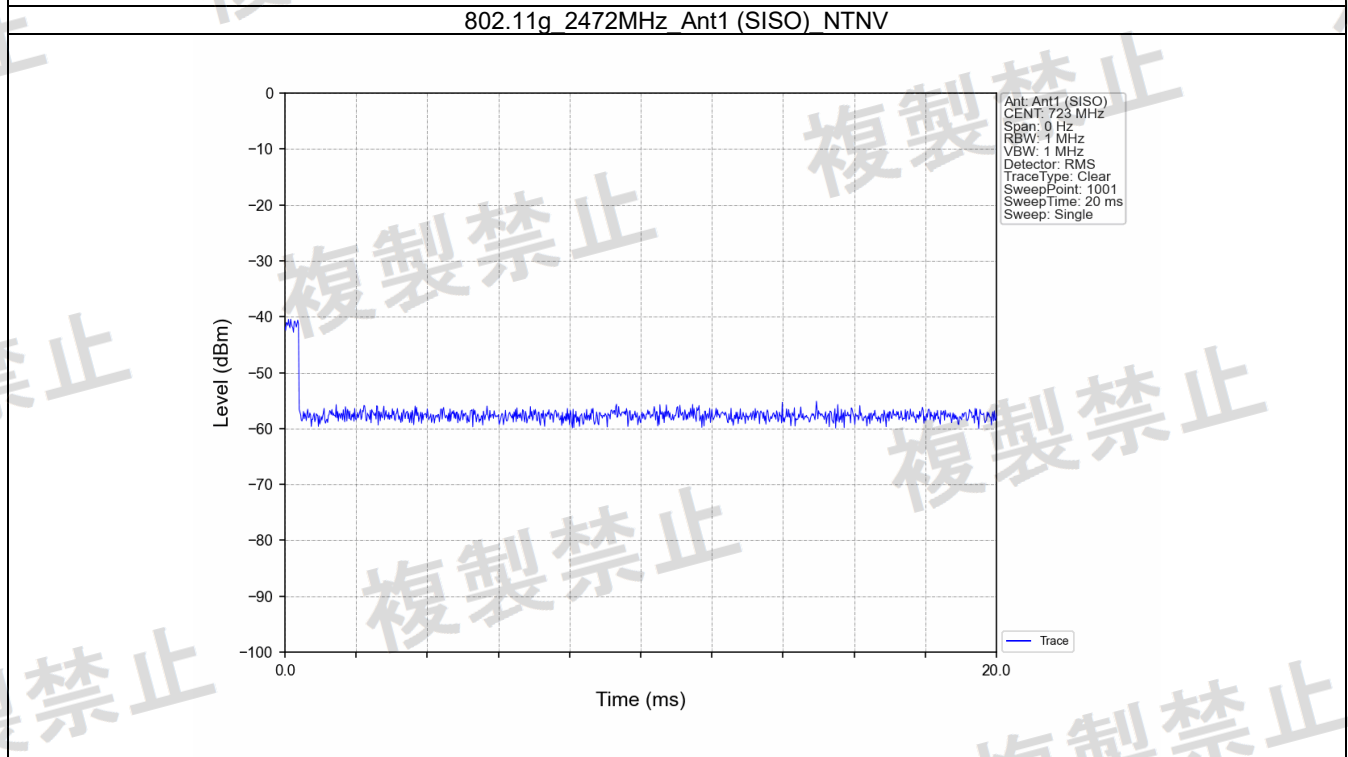
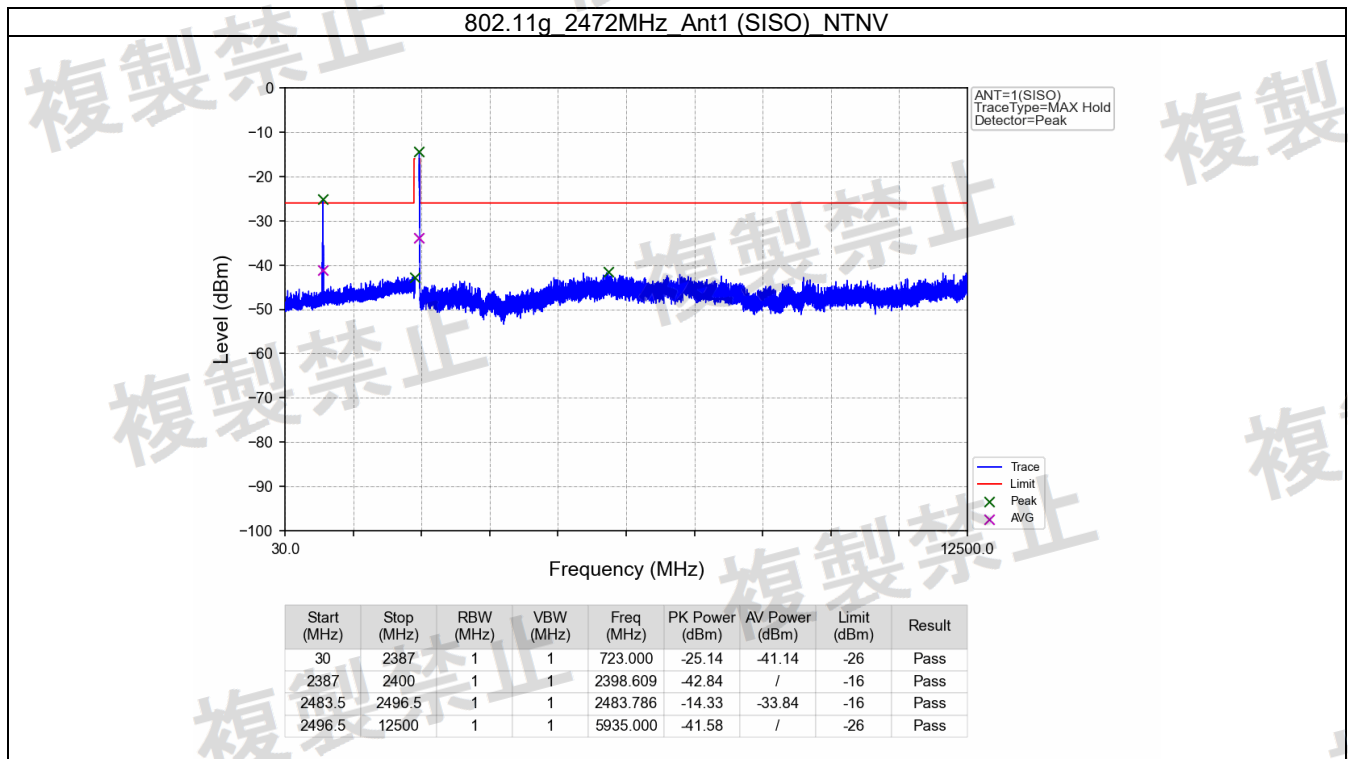


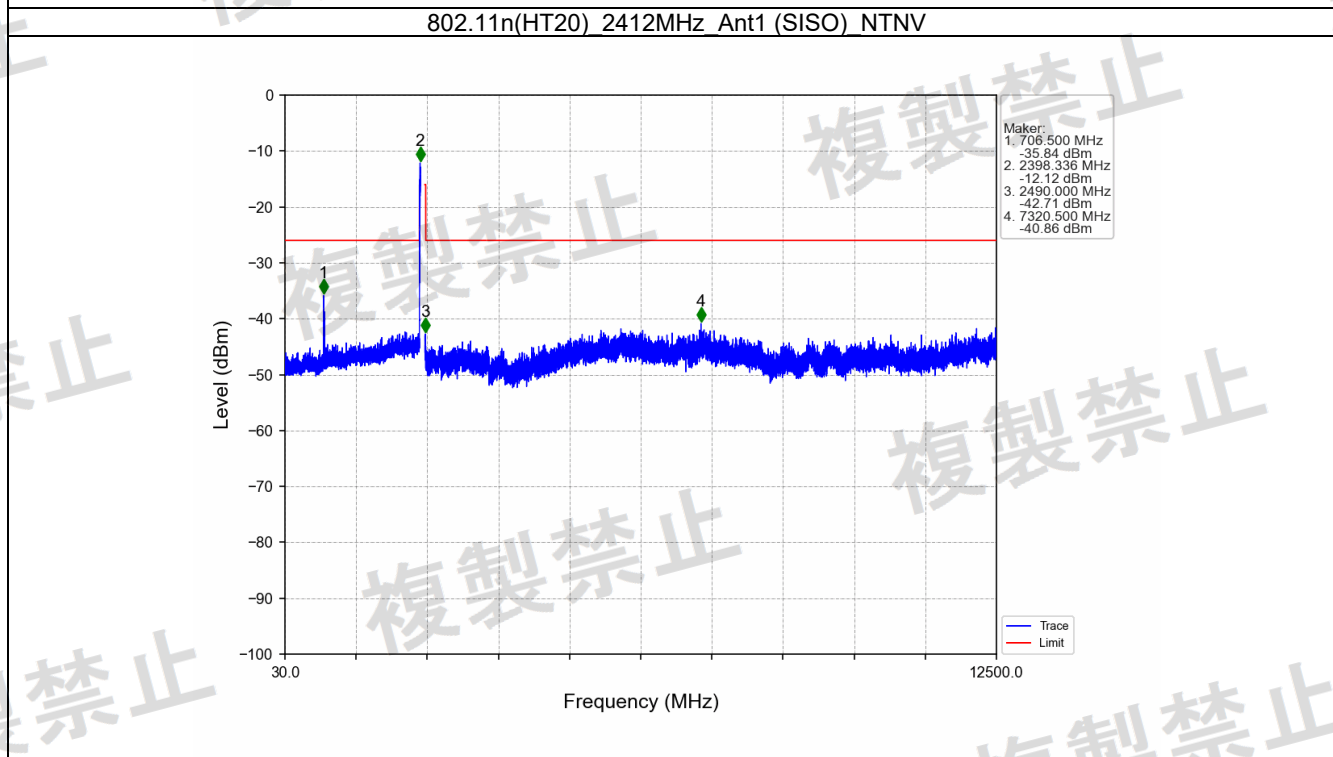
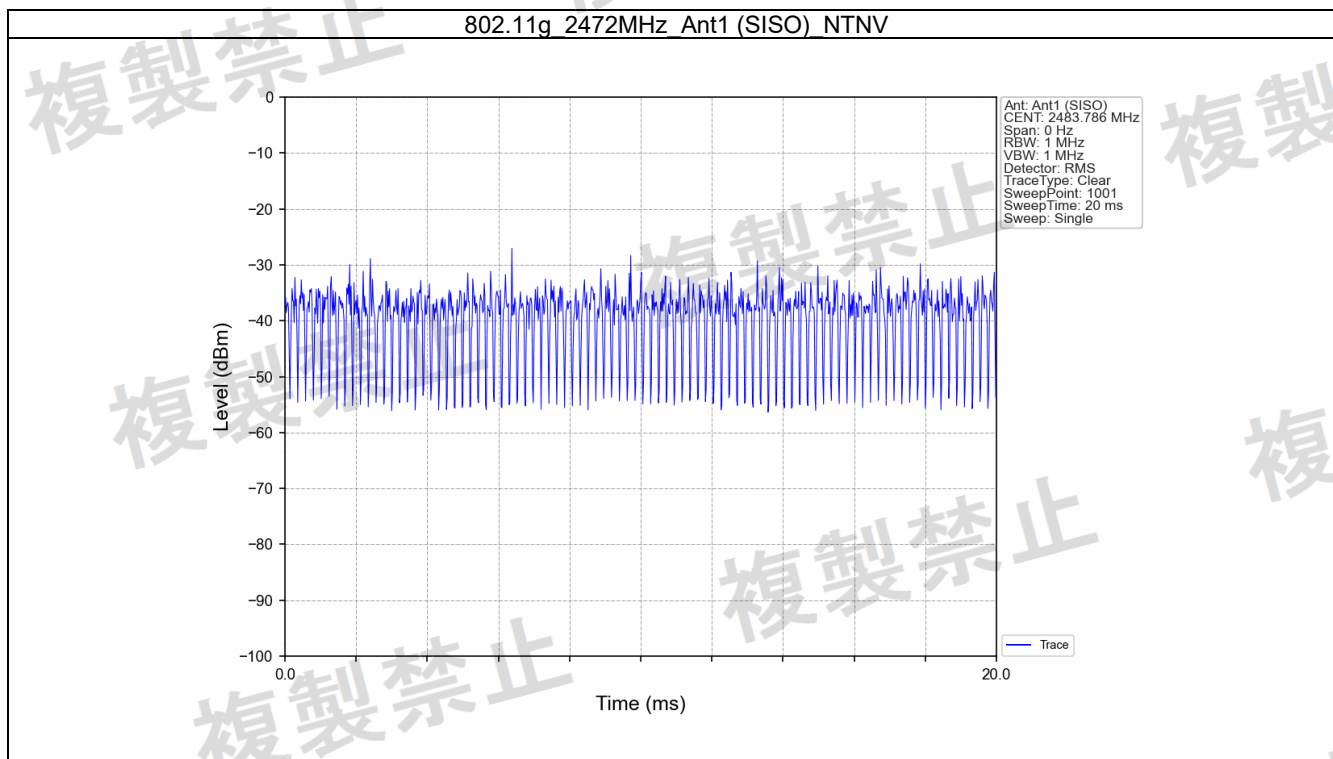


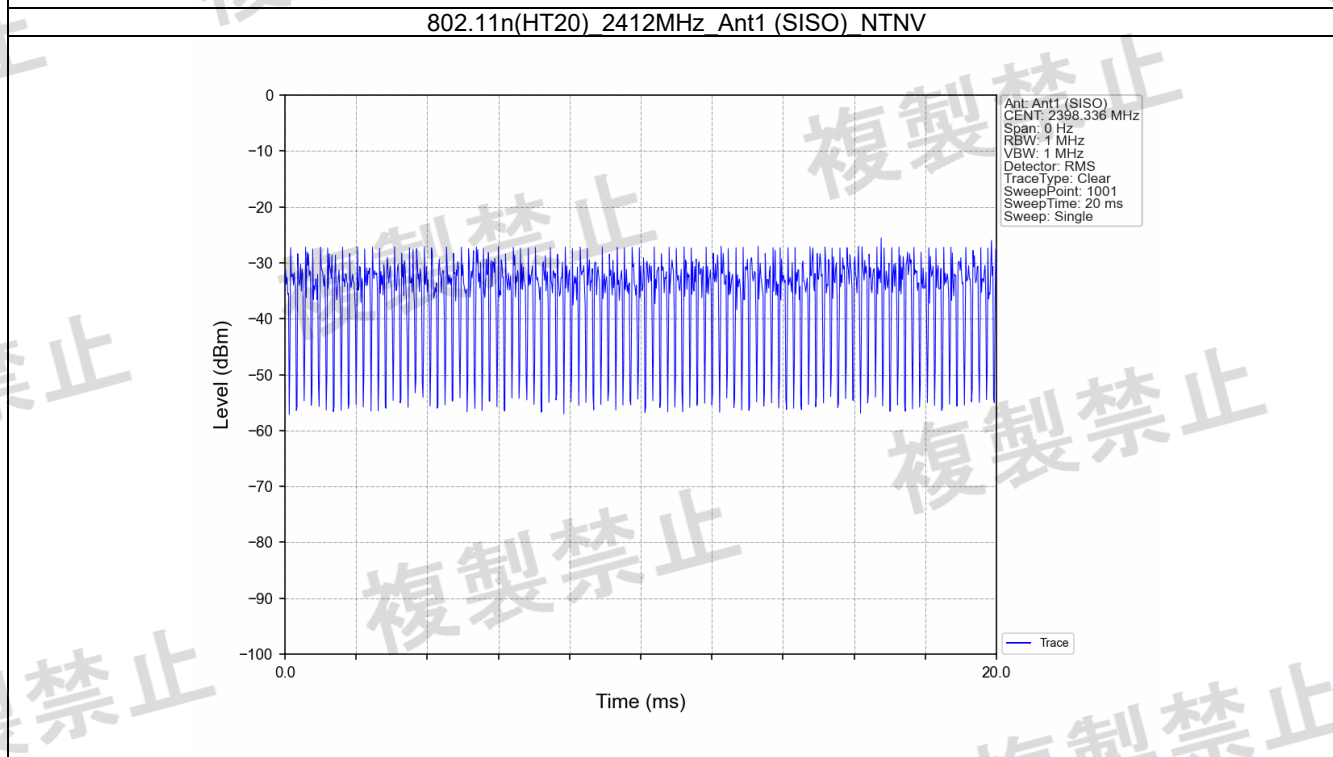
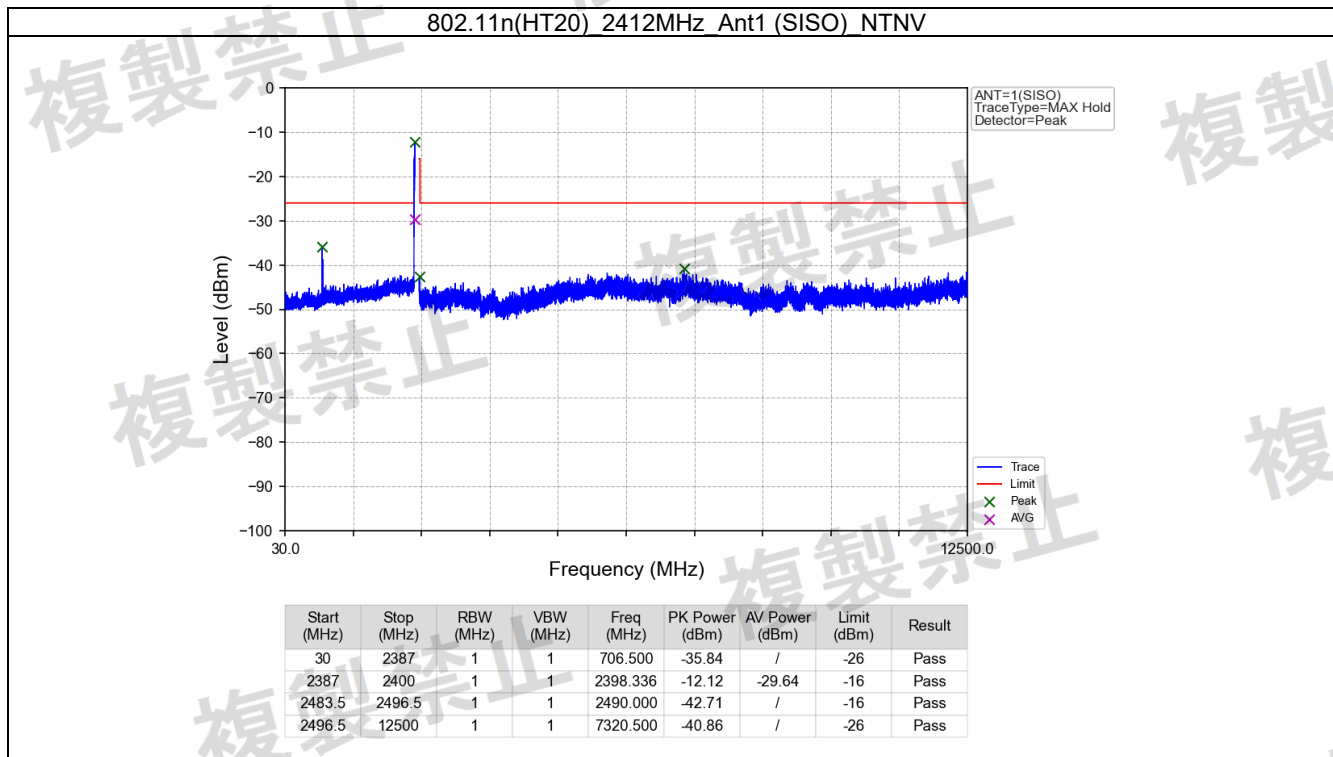


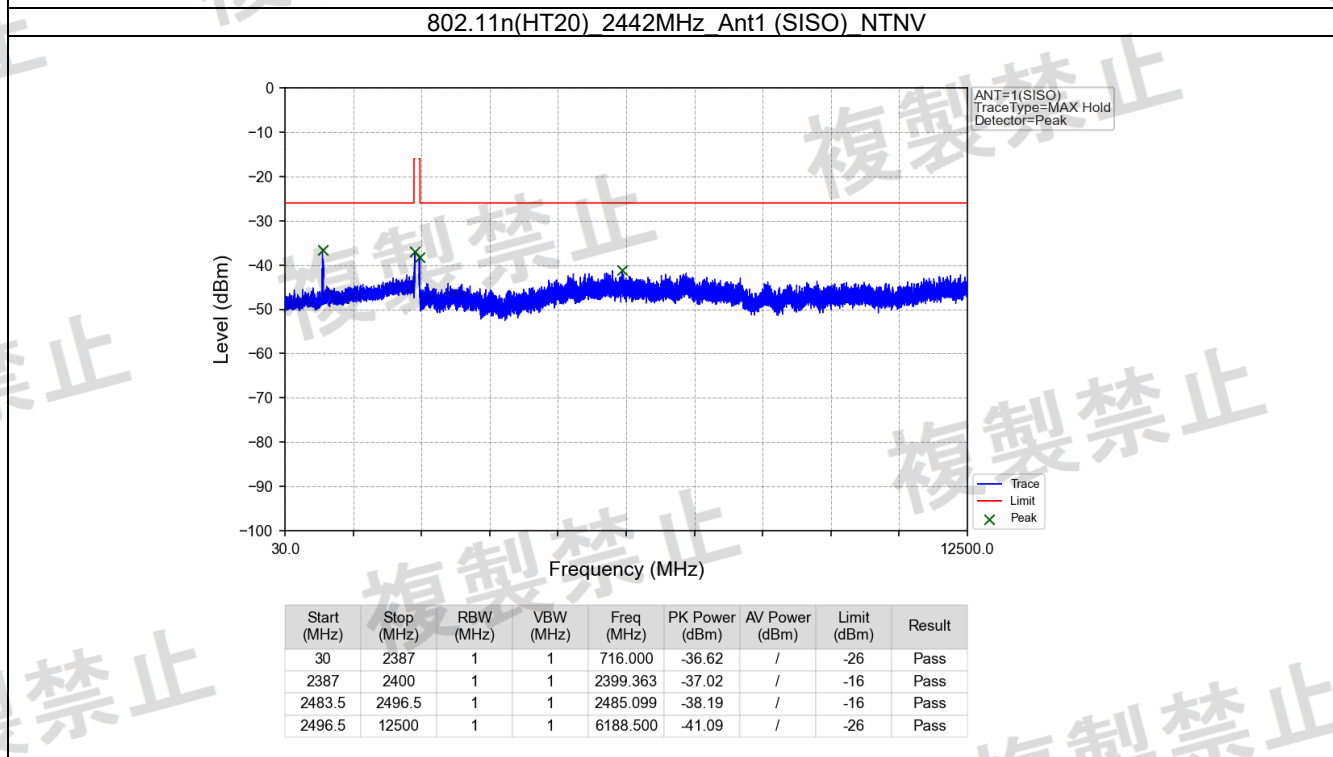
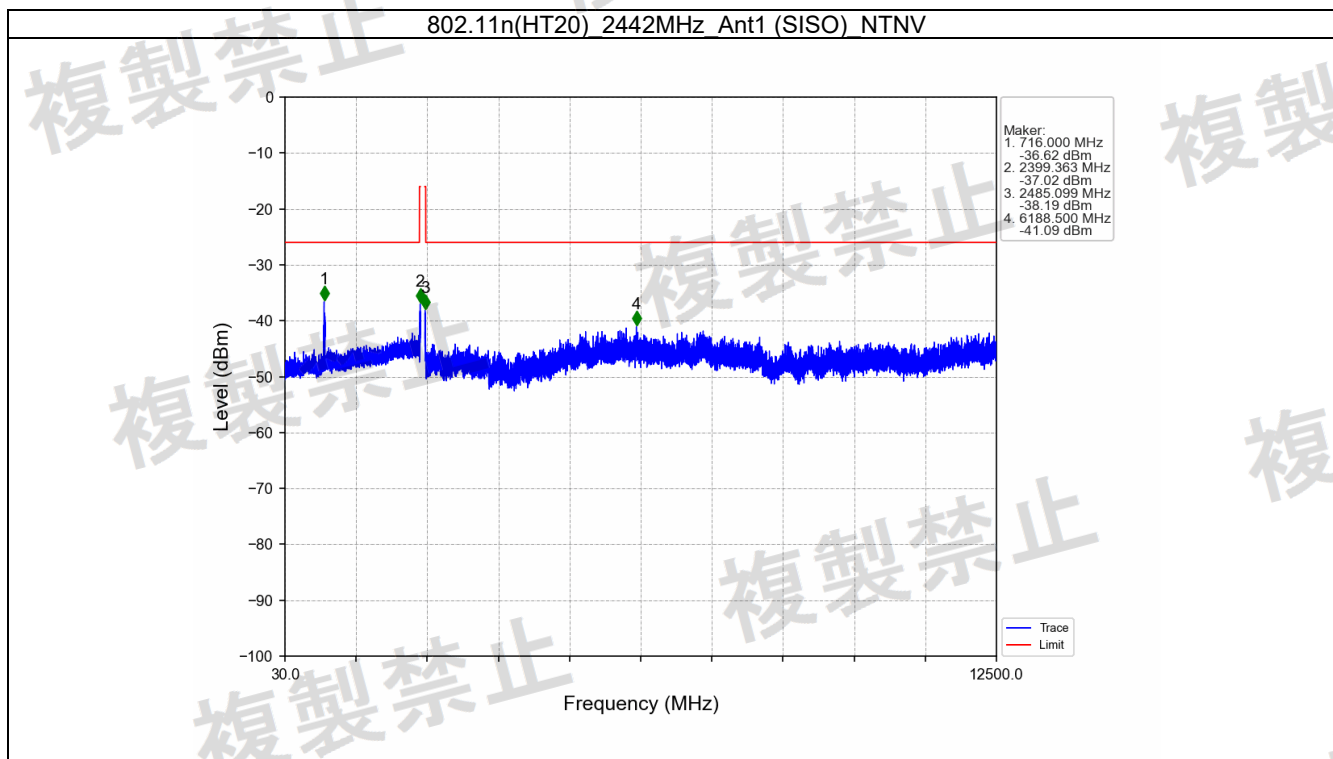


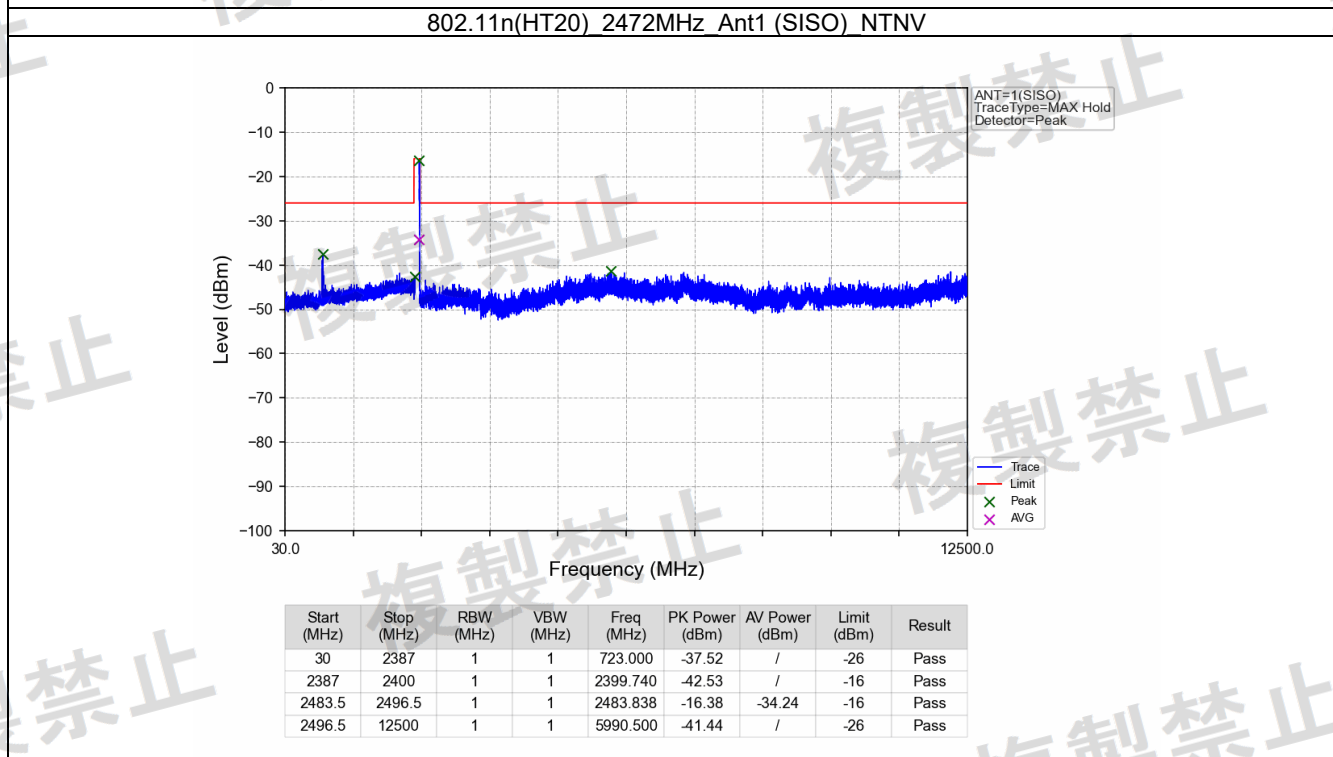
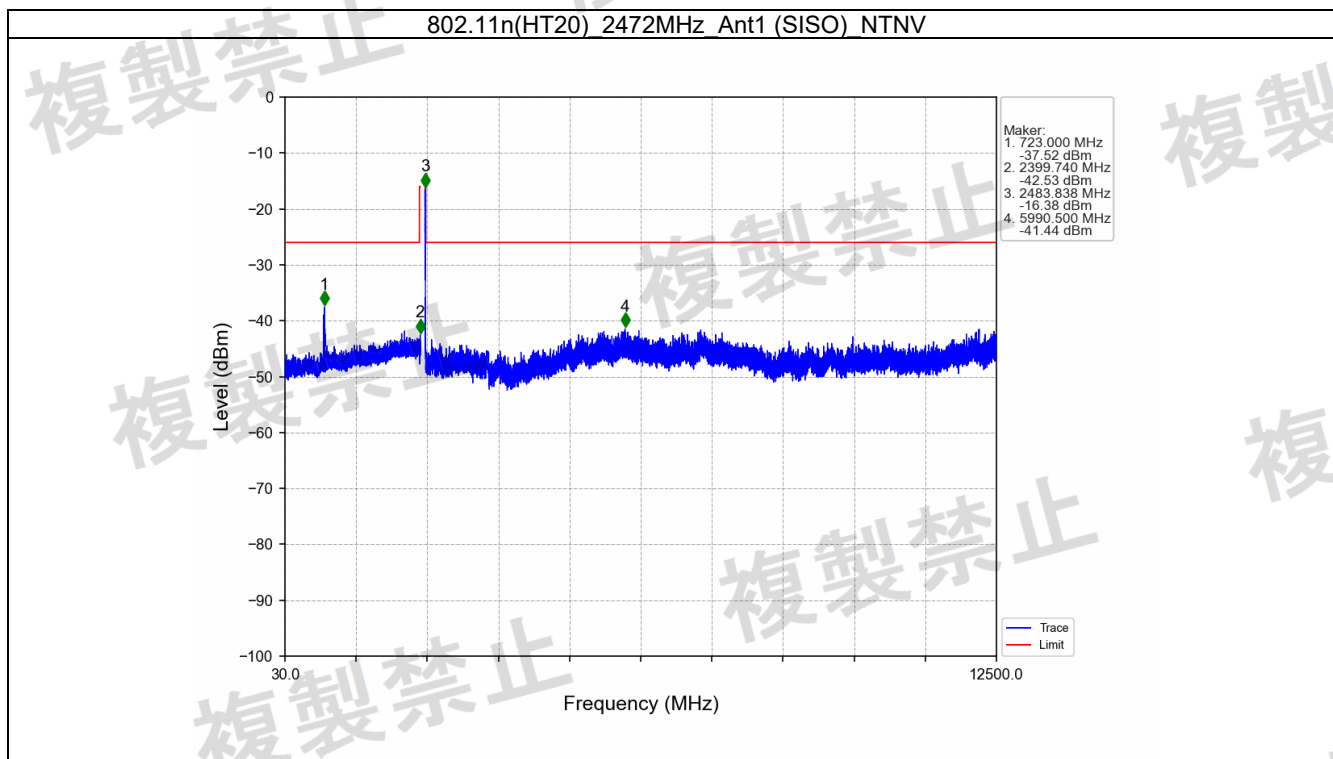


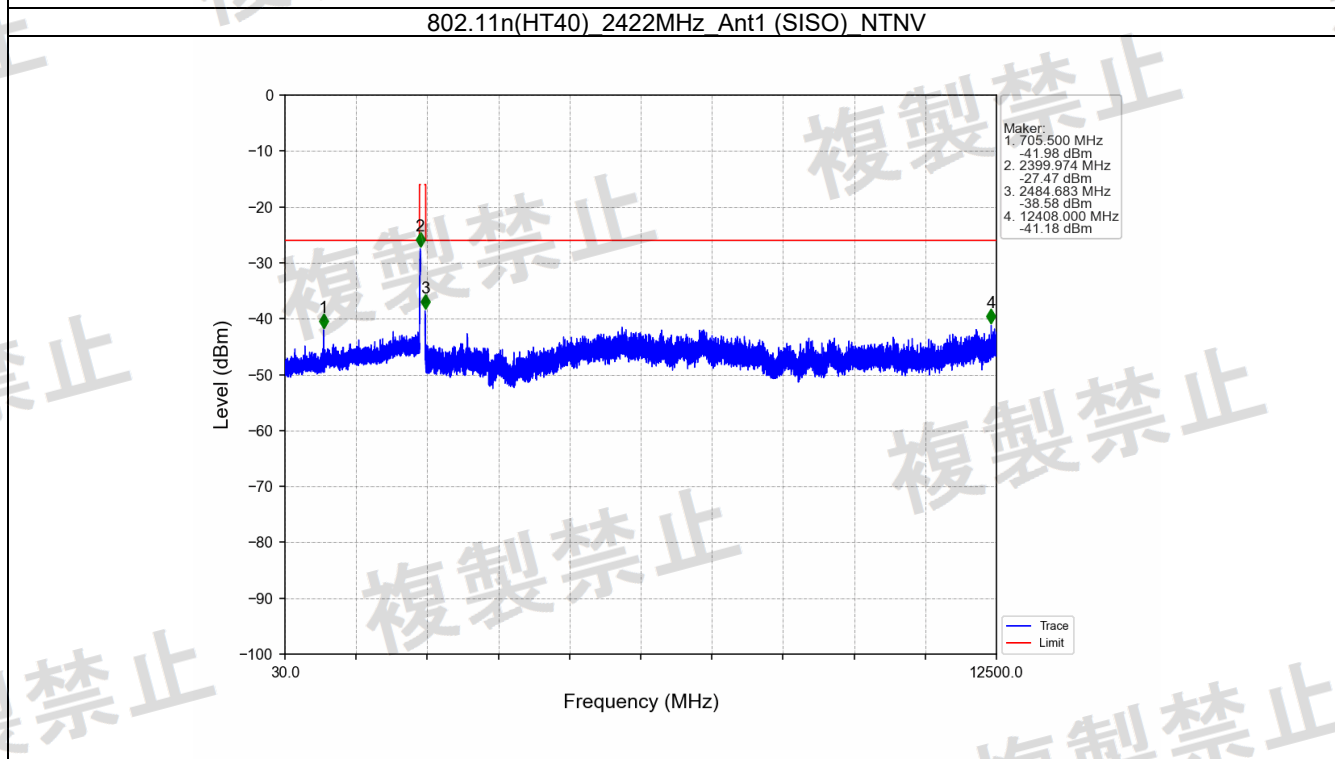
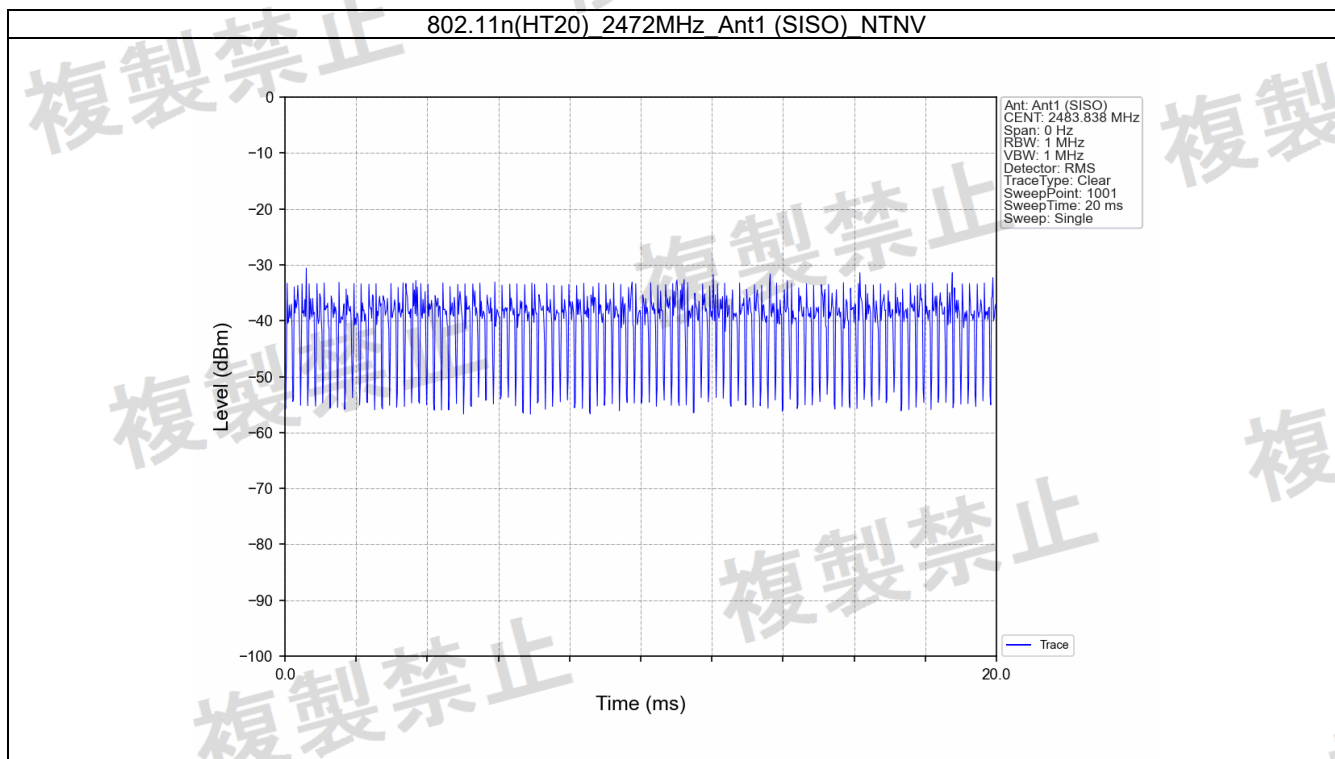


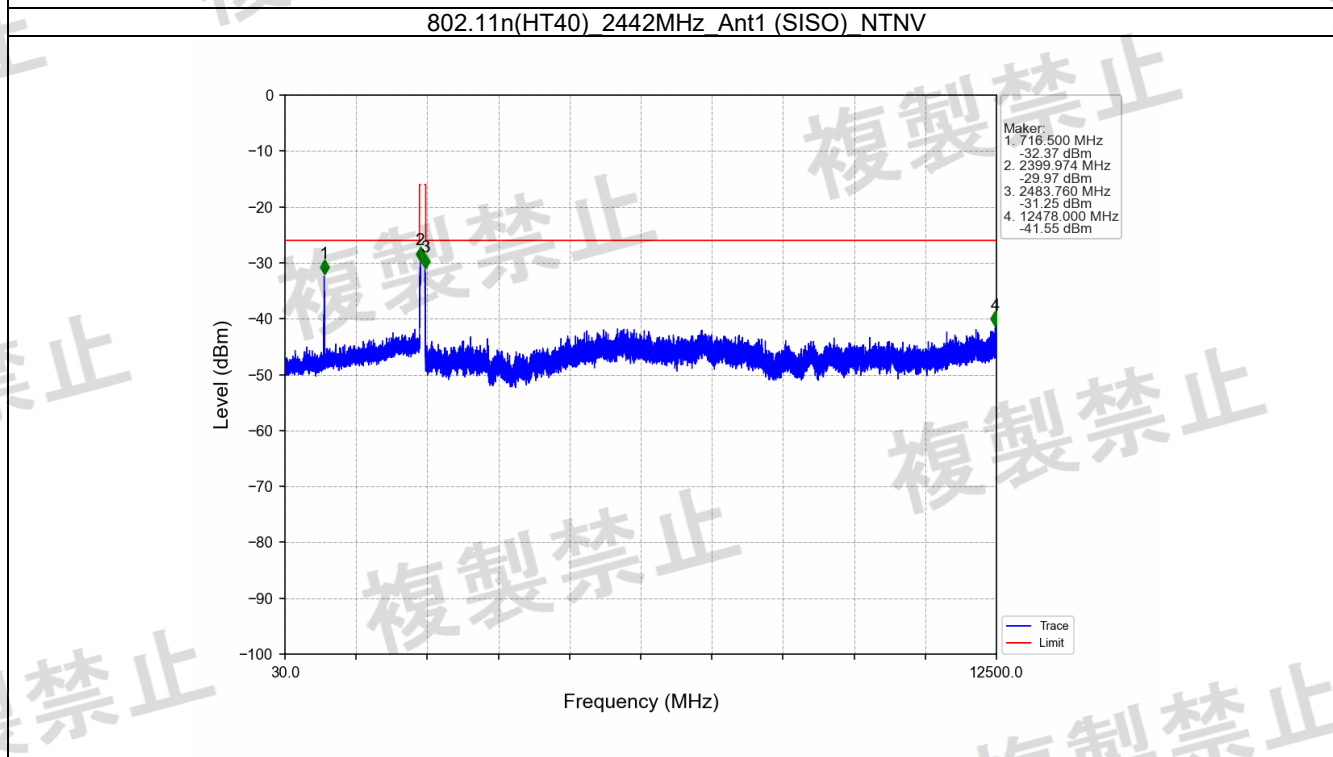
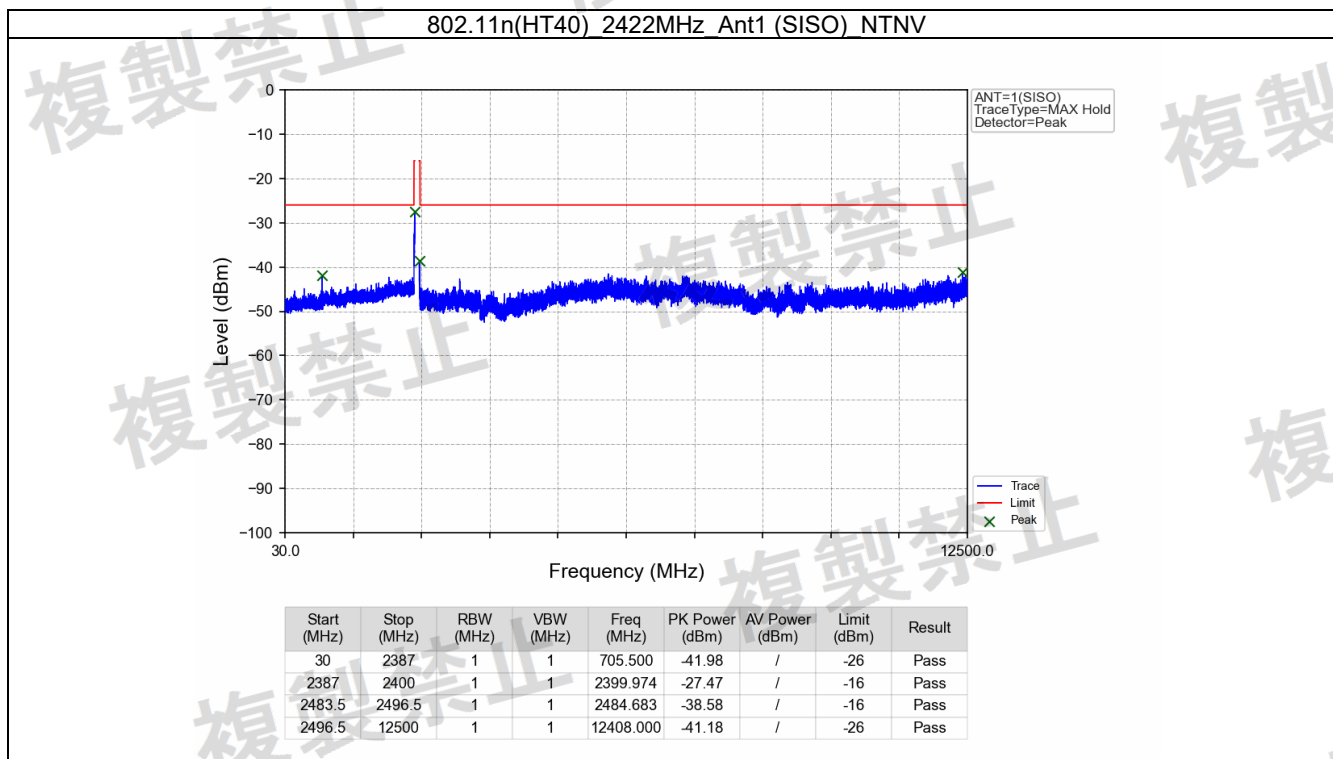


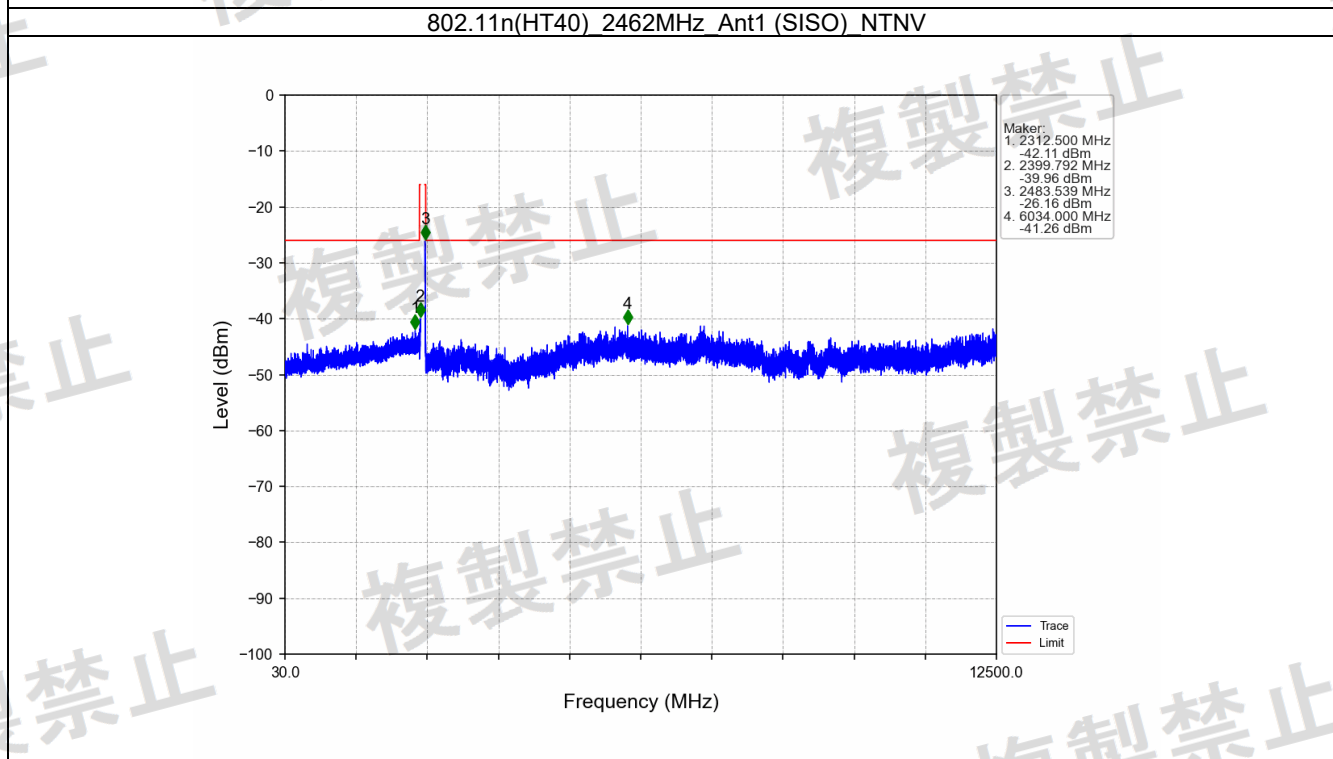
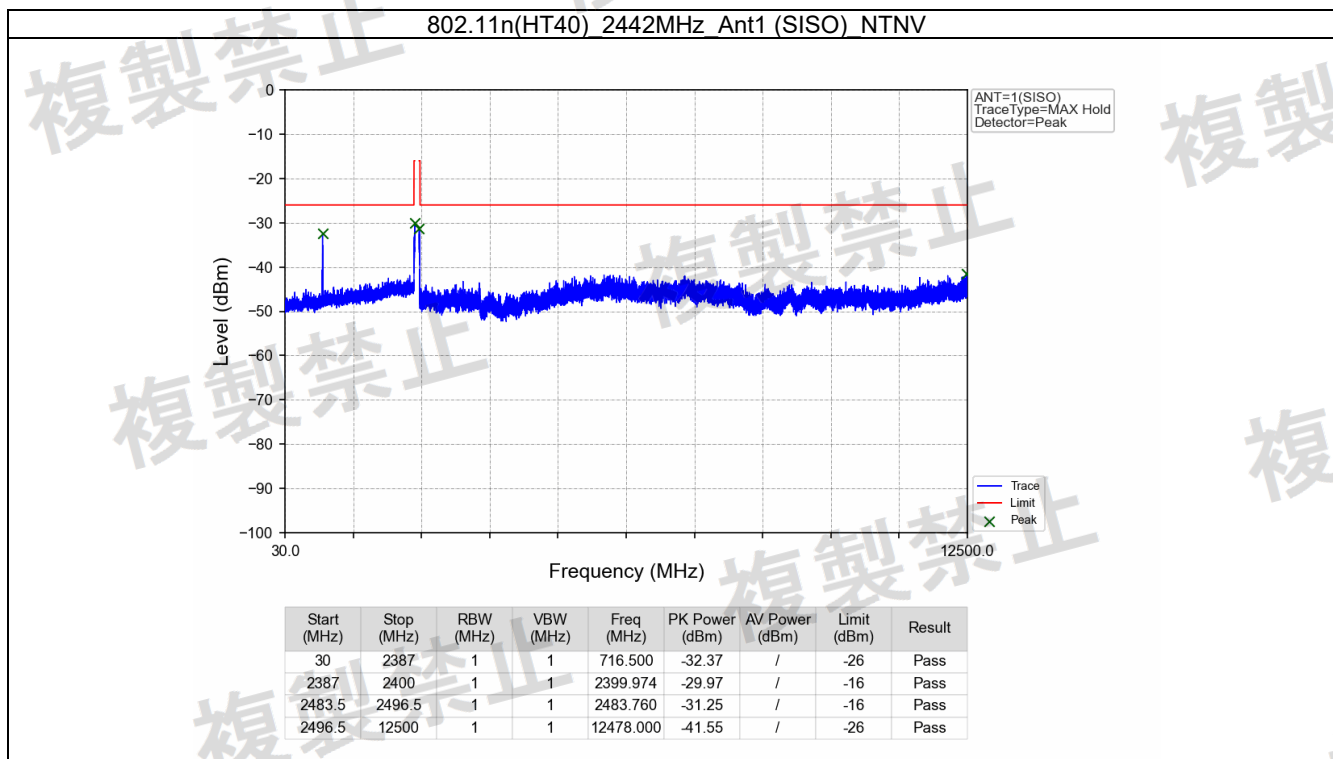


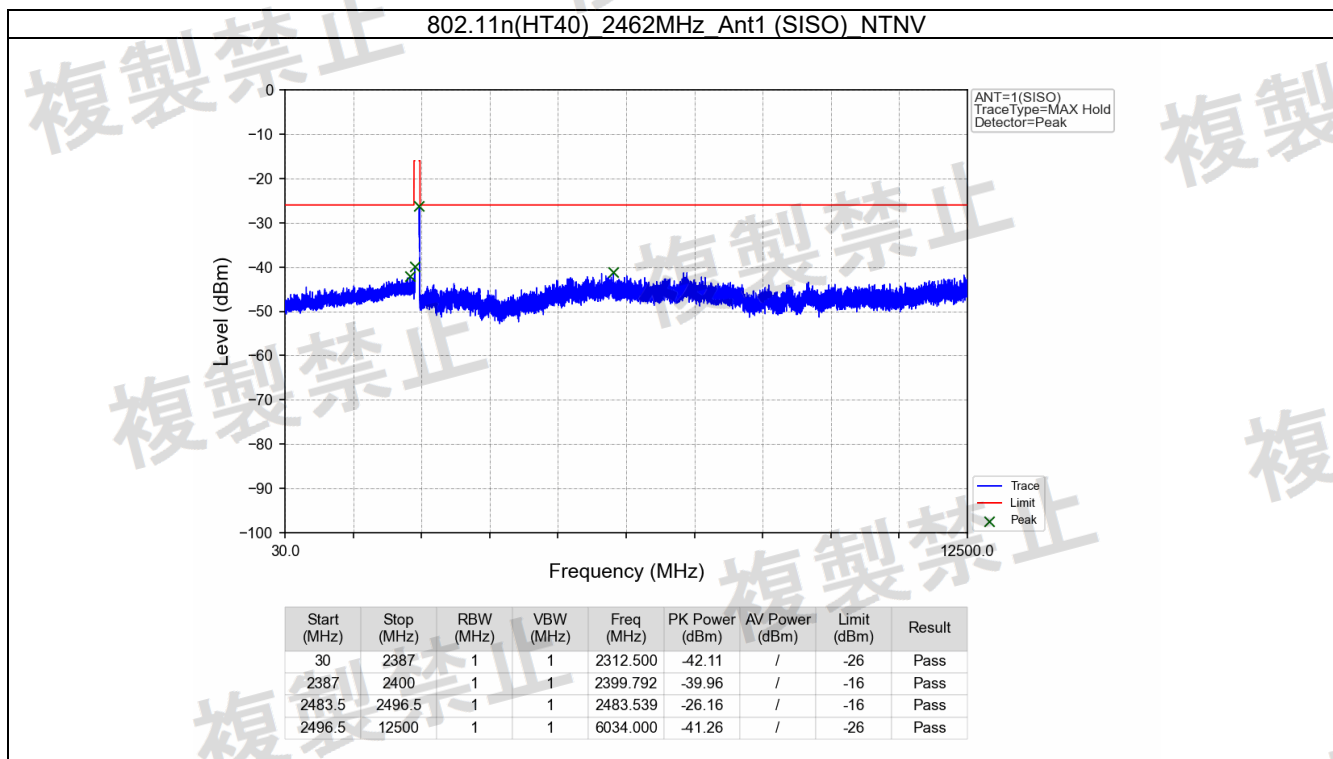












6. Secondary Radiated Emission

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)		
802.11b	SISO	2412	1	30	1000	705.45	-75.68	0.027	/	/	4	Pass
				1000	12500	5614.5	-66.32	0.233	/	/	20	Pass
		2442	1	30	1000	705.55	-78.67	0.014	/	/	4	Pass
				1000	12500	12197	-66.90	0.204	/	/	20	Pass
		2472	1	30	1000	705.2	-74.24	0.038	/	/	4	Pass
				1000	12500	7332.5	-67.25	0.188	/	/	20	Pass
802.11g	SISO	2412	1	30	1000	705.5	-72.77	0.053	/	/	4	Pass
				1000	12500	5686	-66.41	0.229	/	/	20	Pass
		2442	1	30	1000	530.7	-80.43	0.009	/	/	4	Pass
				1000	12500	5820	-66.39	0.230	/	/	20	Pass
		2472	1	30	1000	705.05	-72.97	0.050	/	/	4	Pass
				1000	12500	5966.5	-67.19	0.191	/	/	20	Pass
802.11n (HT20)	SISO	2412	1	30	1000	760.35	-79.93	0.010	/	/	4	Pass
				1000	12500	6289	-67.03	0.198	/	/	20	Pass
		2442	1	30	1000	705.45	-72.62	0.055	/	/	4	Pass
				1000	12500	6220	-66.98	0.200	/	/	20	Pass
		2472	1	30	1000	705.4	-77.87	0.016	/	/	4	Pass
				1000	12500	12383.5	-67.33	0.185	/	/	20	Pass
802.11n (HT40)	SISO	2422	1	30	1000	892.7	-80.44	0.009	/	/	4	Pass
				1000	12500	7411	-66.76	0.211	/	/	20	Pass
		2442	1	30	1000	879.75	-80.08	0.010	/	/	4	Pass
				1000	12500	5920	-67.03	0.198	/	/	20	Pass
		2462	1	30	1000	705.15	-77.27	0.019	/	/	4	Pass
				1000	12500	7345	-67.12	0.194	/	/	20	Pass

6.2 Test Graph

6.2.1 RxSe_NTNV

