

FCC ID: 2BYDT-ETS1301

Applicant: Xiaojiake (Shenzhen) Technology Co., Ltd.

Address: 1601, North Bldg, No. 3003 Shennan Middle Rd, Futian St, Futian Dist, Shenzhen, Guangdong, 518000

Manufacturer: Xiaojiake (Shenzhen) Technology Co., Ltd.

Address: 1601, North Bldg, No. 3003 Shennan Middle Rd, Futian St, Futian Dist, Shenzhen, Guangdong, 518000

Product Name: SmartInk I

Trade Mark: N/A

Model Number: ETS 1301

Date of Receipt: Aug. 27, 2026

Test Date: Aug. 27, 2026 - Sep. 10, 2026

Date of Report: Sep. 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 Standards: FCC PART 15 C 15.247
ANSI C63.10-2020 + Cor.1-2023+C63.10a-2024 + Errata to C63.10a-2024

Test Result: Pass

Report Number: DLE-260827030R

1. Bandwidth

1.1 Test Result

1.1.1 OBW

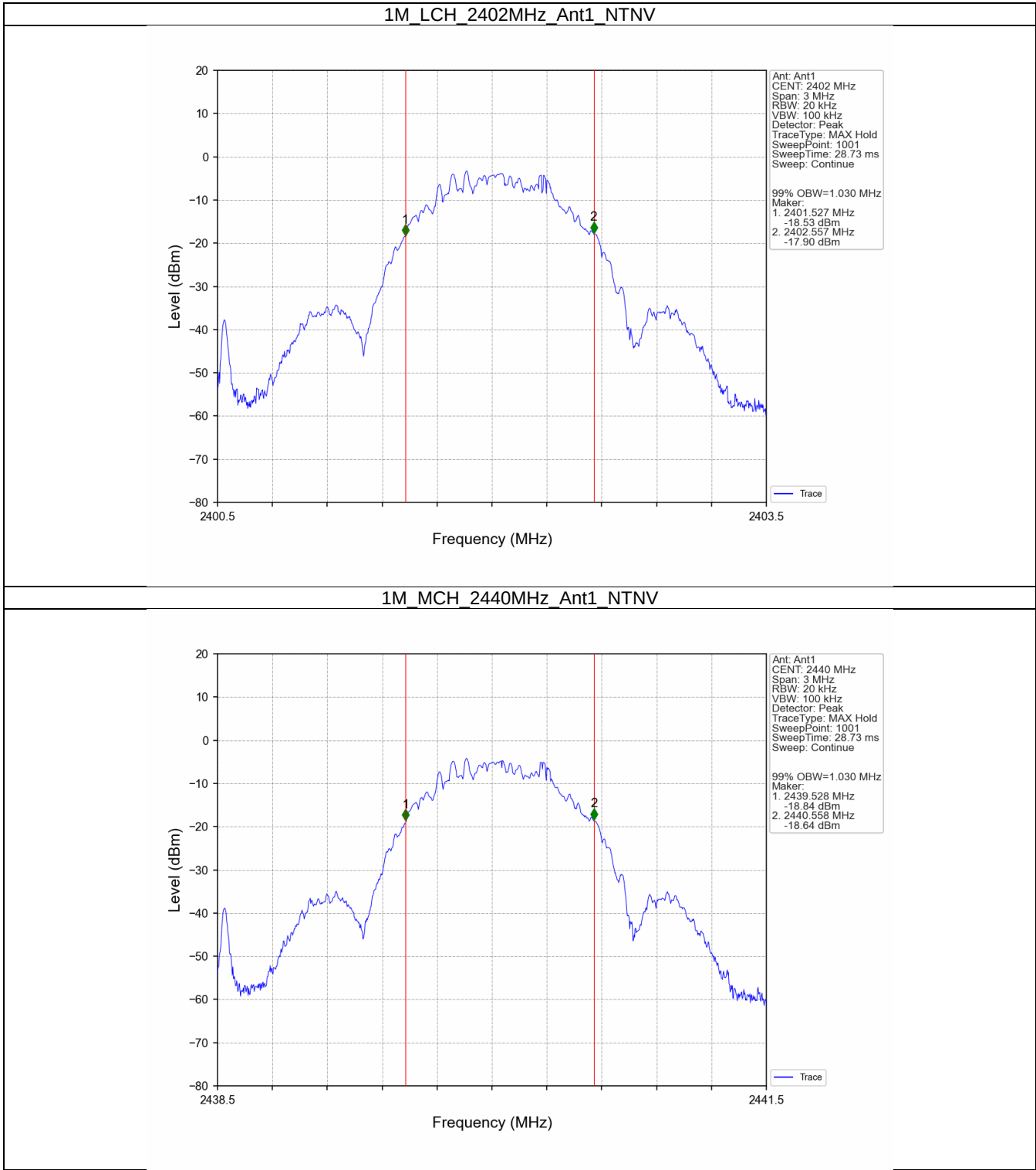
Mode	TX Type	Frequency (MHz)	ANT	99% Occupied Bandwidth (MHz)		Verdict
				Result	Limit	
1M	SISO	2402	1	1.030	/	Pass
		2440	1	1.030	/	Pass
		2480	1	1.029	/	Pass

1.1.2 6dB BW

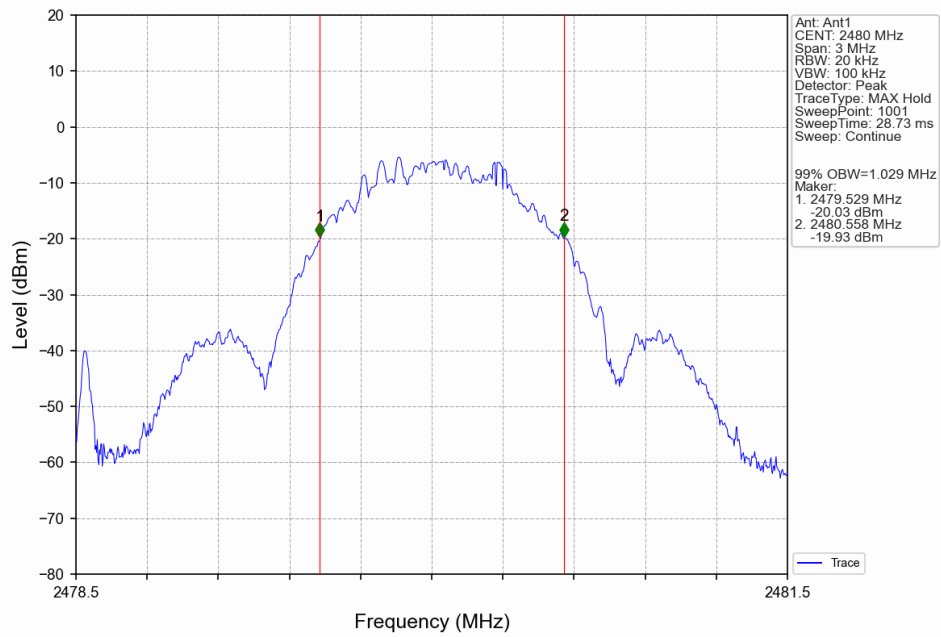
Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
1M	SISO	2402	1	0.669	≥ 0.5	Pass
		2440	1	0.671	≥ 0.5	Pass
		2480	1	0.665	≥ 0.5	Pass

1.2 Test Graph

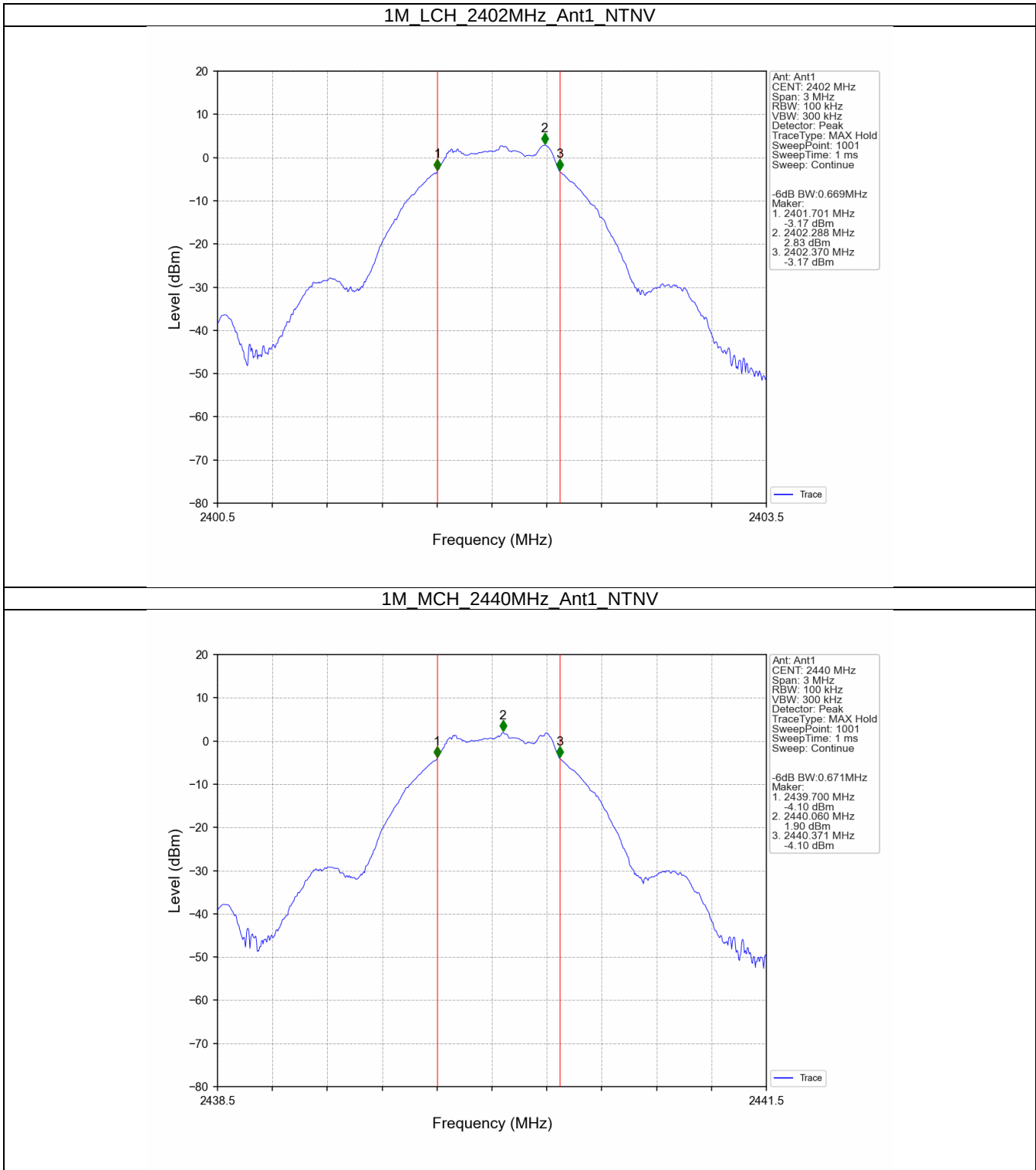
1.2.1 OBW



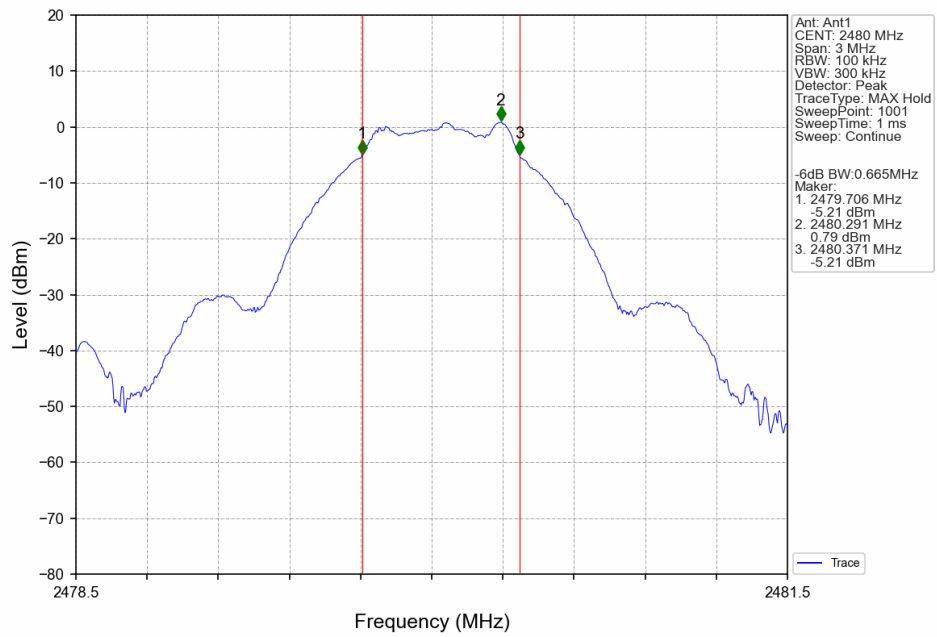
1M_HCH_2480MHz_Ant1_NTNV



1.2.2 6dB BW



1M_HCH_2480MHz_Ant1_NTNV



2. Maximum Conducted Output Power

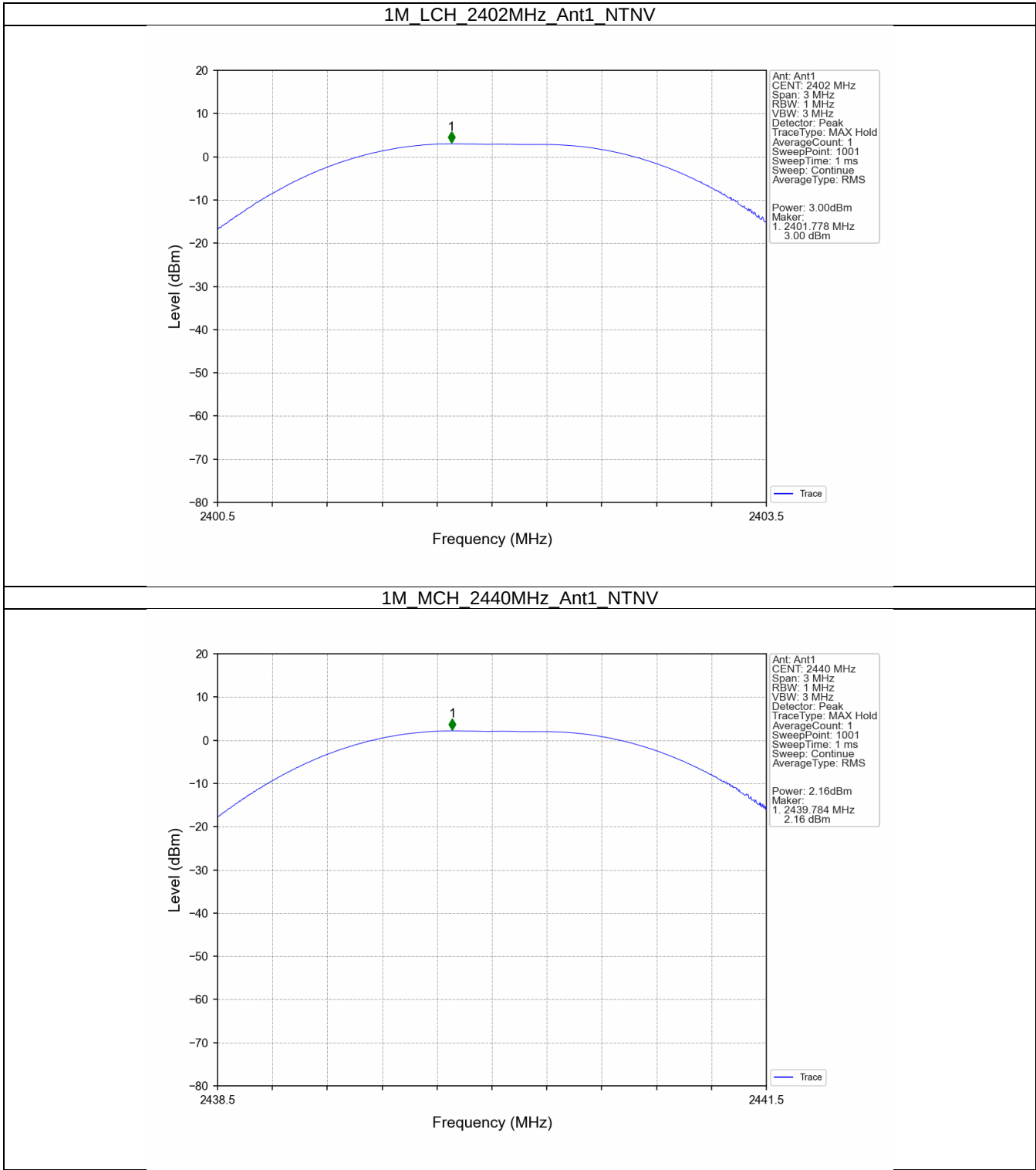
2.1 Test Result

2.1.1 Power

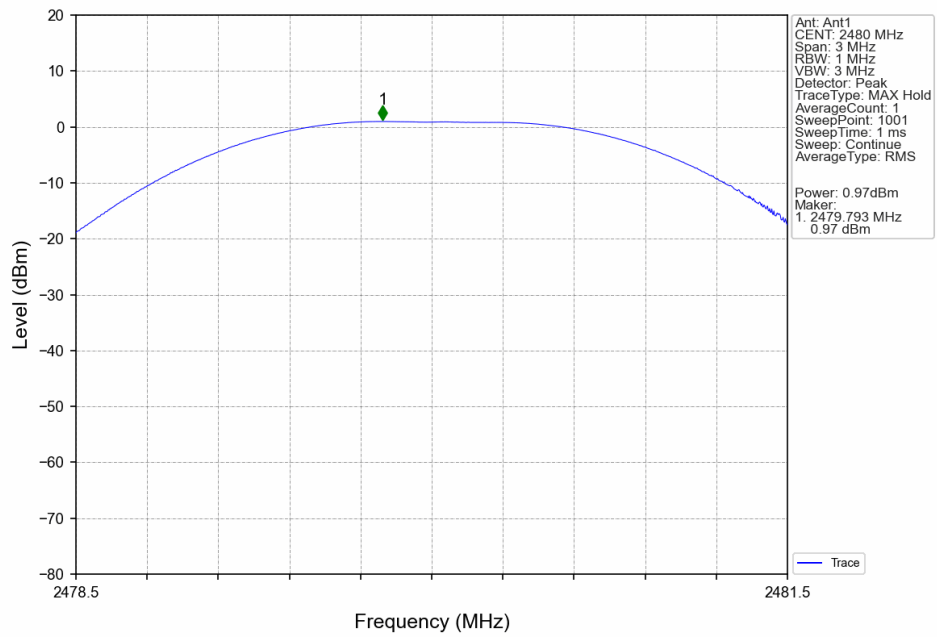
Mode	TX Type	Frequency (MHz)	Maximum Peak Conducted Output Power (dBm)		Verdict
			ANT1	Limit	
1M	SISO	2402	3.00	<=30	Pass
		2440	2.16	<=30	Pass
		2480	0.97	<=30	Pass

2.2 Test Graph

2.2.1 Power



1M_HCH_2480MHz_Ant1_NTNV



3. Maximum Power Spectral Density

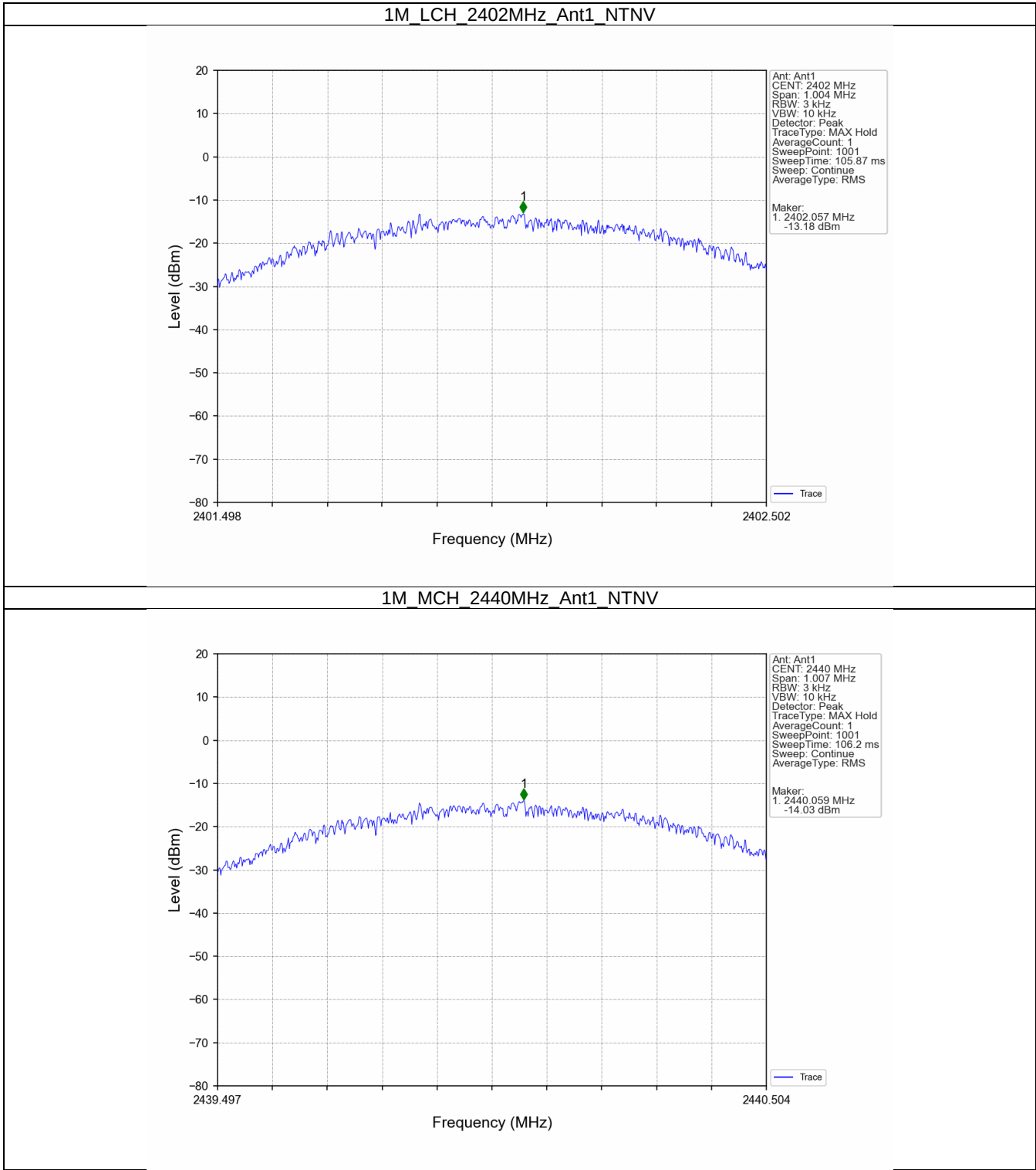
3.1 Test Result

3.1.1 PSD

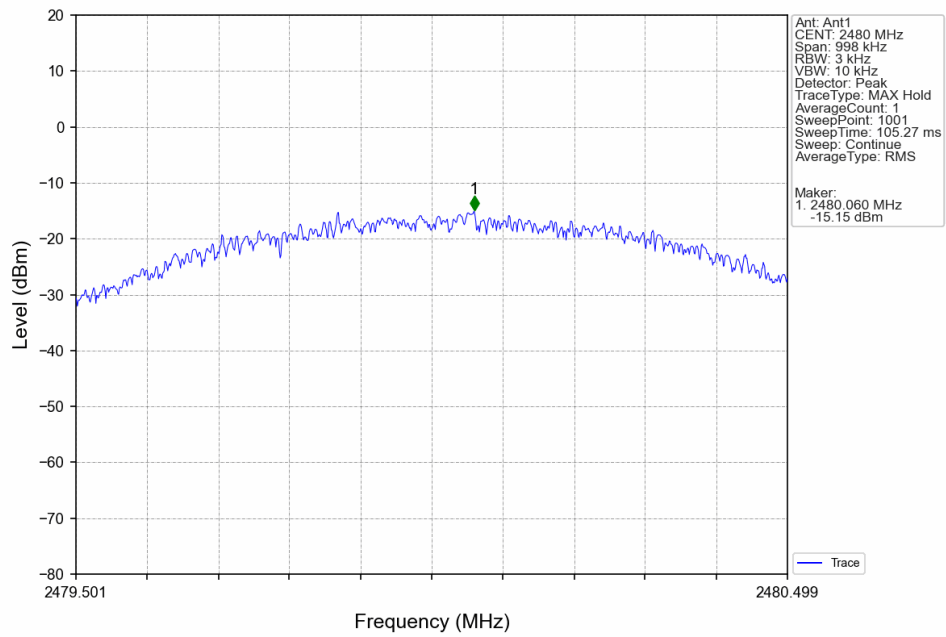
Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm)		Verdict
			ANT1	Limit(dBm/3kHz)	
1M	SISO	2402	-13.18dBm/3kHz	<=8	Pass
		2440	-14.03dBm/3kHz	<=8	Pass
		2480	-15.15dBm/3kHz	<=8	Pass

3.2 Test Graph

3.2.1 PSD



1M_HCH_2480MHz_Ant1_NTNV



4. Unwanted Emissions In Non-restricted Frequency Bands

4.1 Test Result

4.1.1 Ref

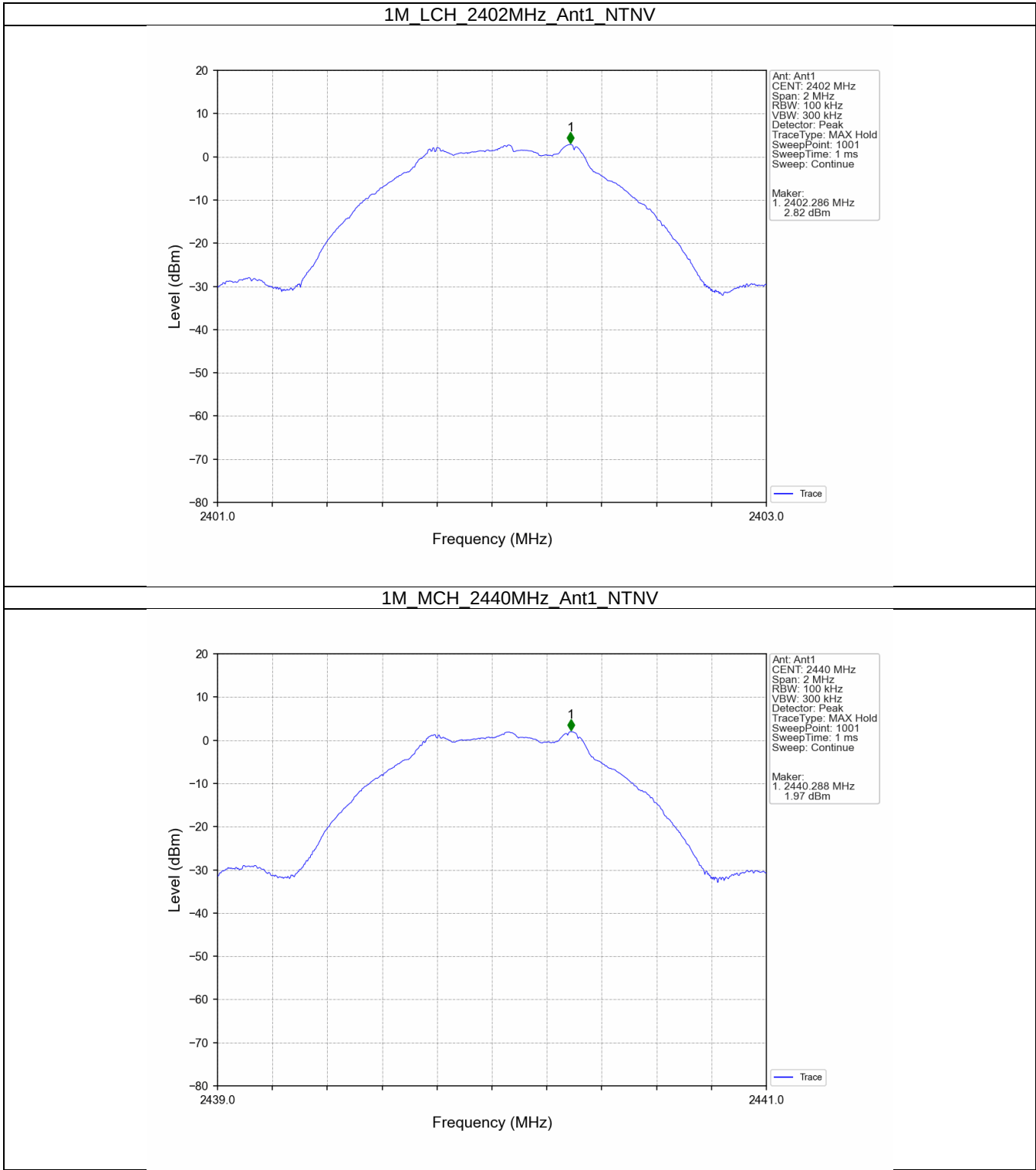
Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)
1M	SISO	2402	1	2.82
		2440	1	1.97
		2480	1	0.78

4.1.2 CSE

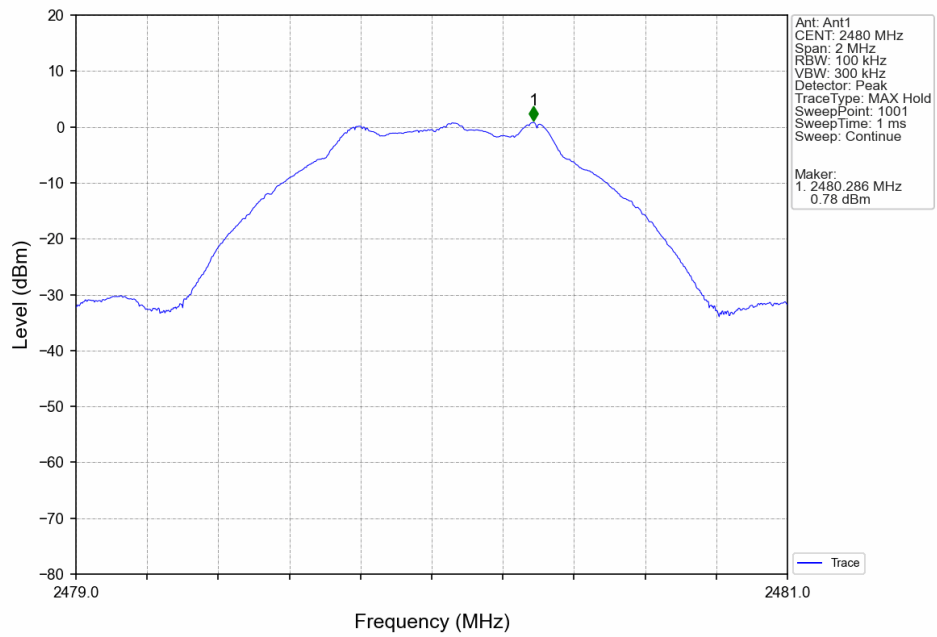
Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
1M	SISO	2402	1	2.82	-17.18	Pass
		2440	1	1.97	-18.03	Pass
		2480	1	0.78	-19.22	Pass

4.2 Test Graph

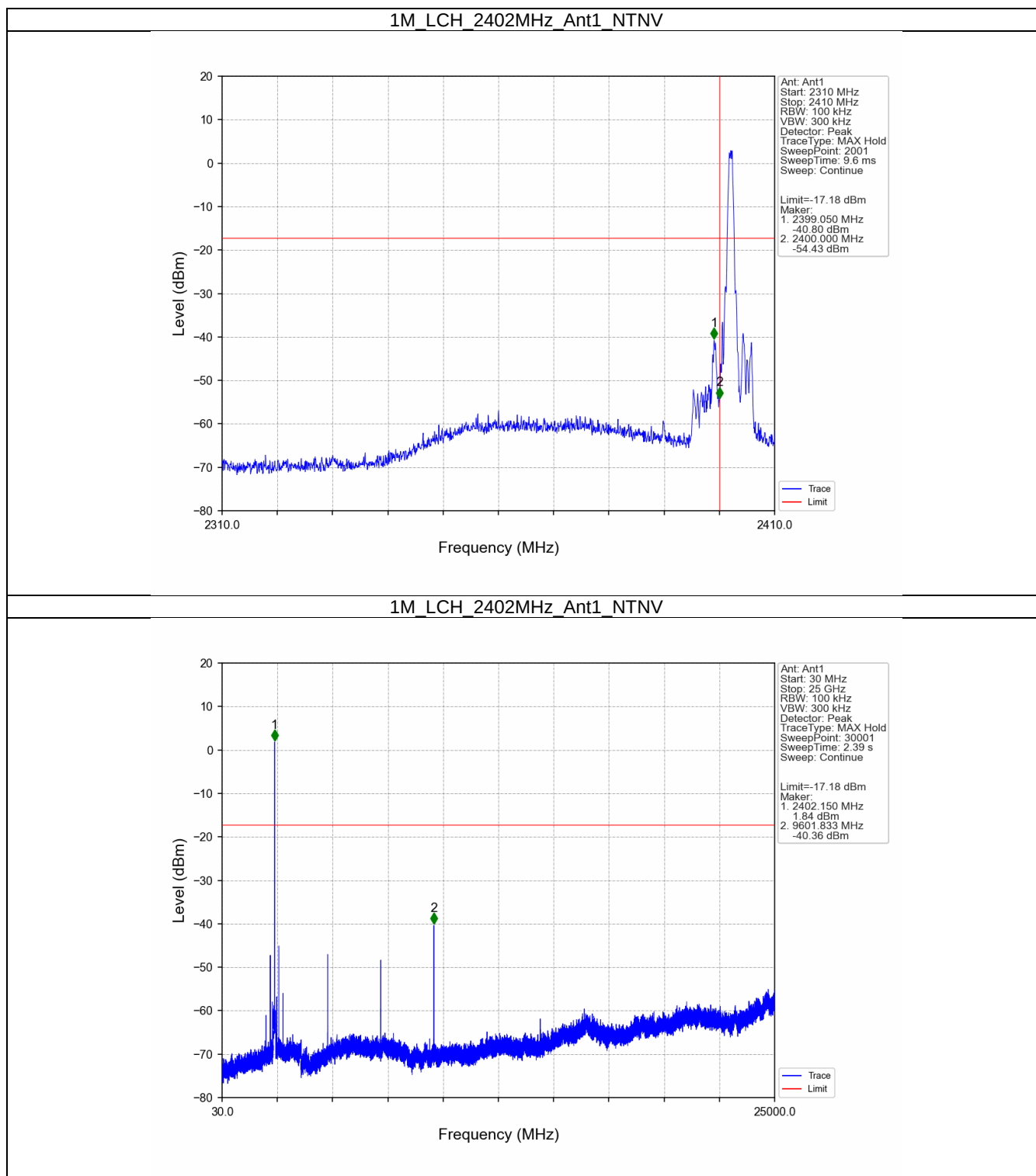
4.2.1 Ref



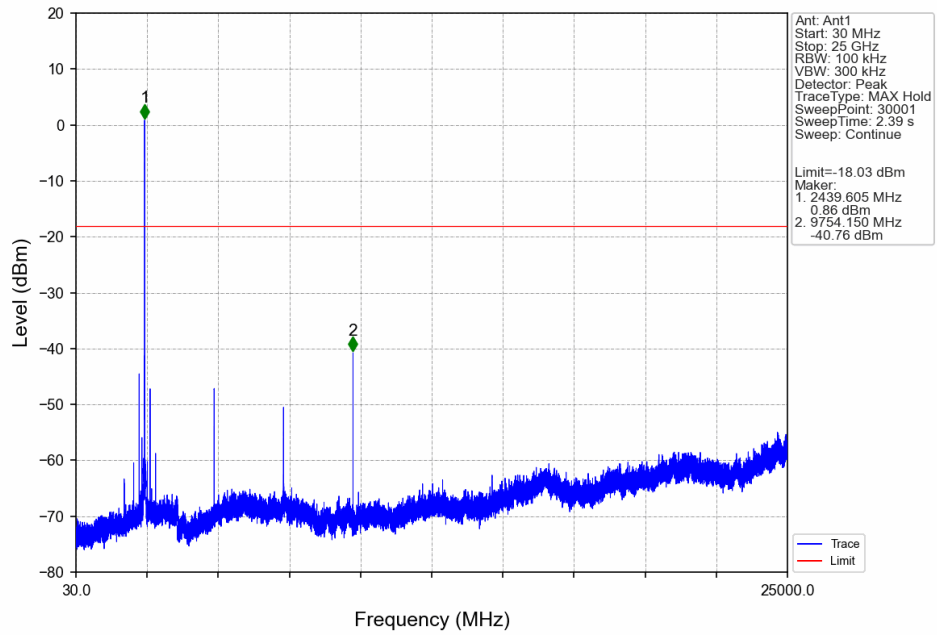
1M_HCH_2480MHz_Ant1_NTNV



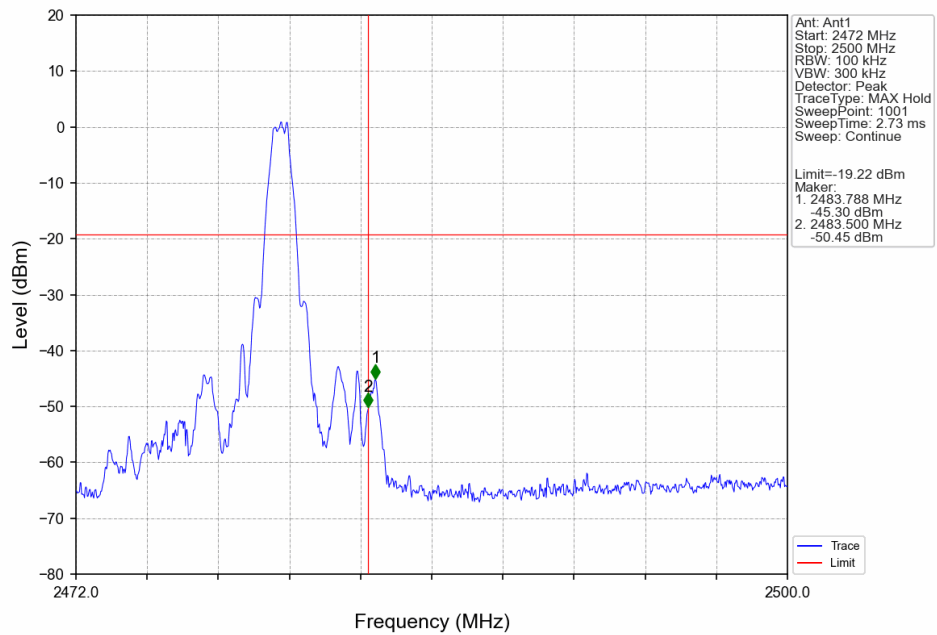
4.2.2 CSE



1M_MCH_2440MHz_Ant1_NTNV



1M_HCH_2480MHz_Ant1_NTNV



1M_HCH_2480MHz_Ant1_NTNV

