

ANNEX TEST DATA BLE

FCC ID: 2BC3X-F1

Applicant: Dongguan Langchen Technology Co.,Ltd

Address: Room 704, No.7 East Second Street, Xingfa South Road, Wusha, Chang'an Town, Dongguan City, Guangdong Province, China

Manufacturer: Dongguan Langchen Technology Co.,Ltd

Address: Room 704, No.7 East Second Street, Xingfa South Road, Wusha, Chang'an Town, Dongguan City, Guangdong Province, China

Product Name: Electronic Badge

Trade Mark: N/A

Model Number: F1

Date of Receipt: Jun. 17, 2026

Test Date: Jun. 17, 2026 – Jun. 25, 2026

Date of Report: Jun. 25, 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-260616033R

1. Bandwidth

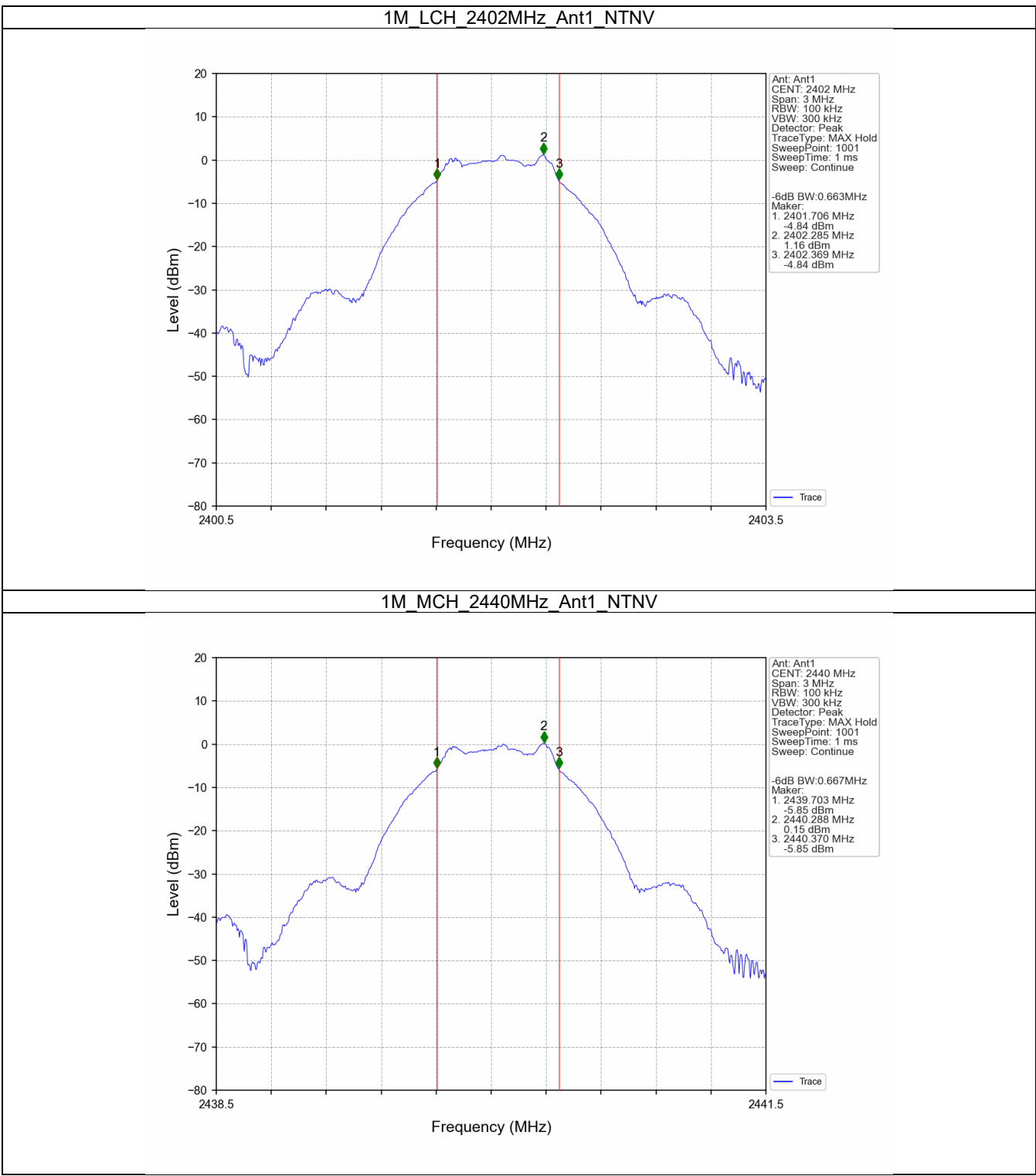
1.1 Test Result

1.1.1 6dB BW

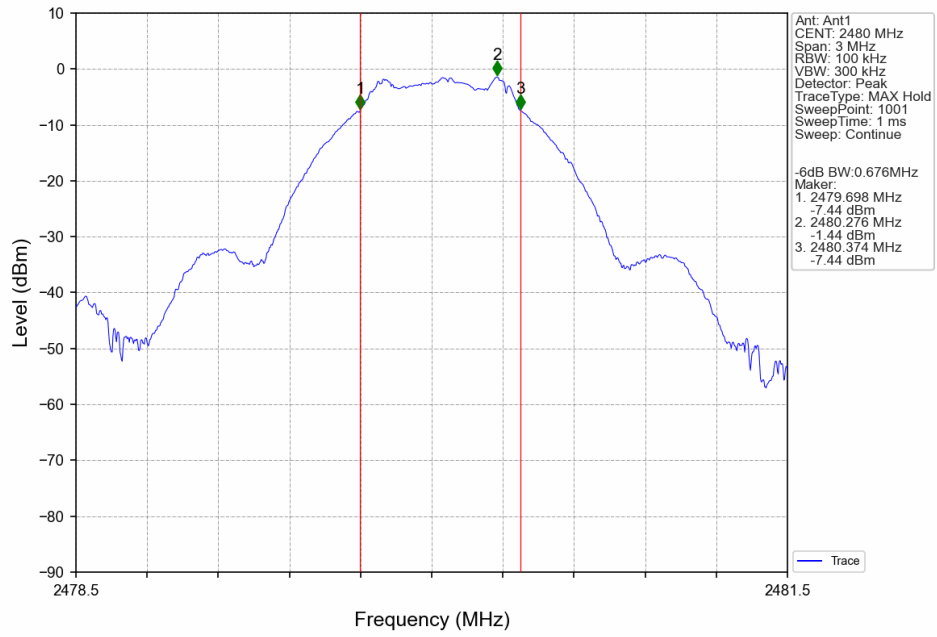
Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
1M	SISO	2402	1	0.663	≥ 0.5	Pass
		2440	1	0.667	≥ 0.5	Pass
		2480	1	0.676	≥ 0.5	Pass

1.2 Test Graph

1.2.1 6dB BW



1M HCH 2480MHz Ant1 NTN



2. Maximum Conducted Output Power

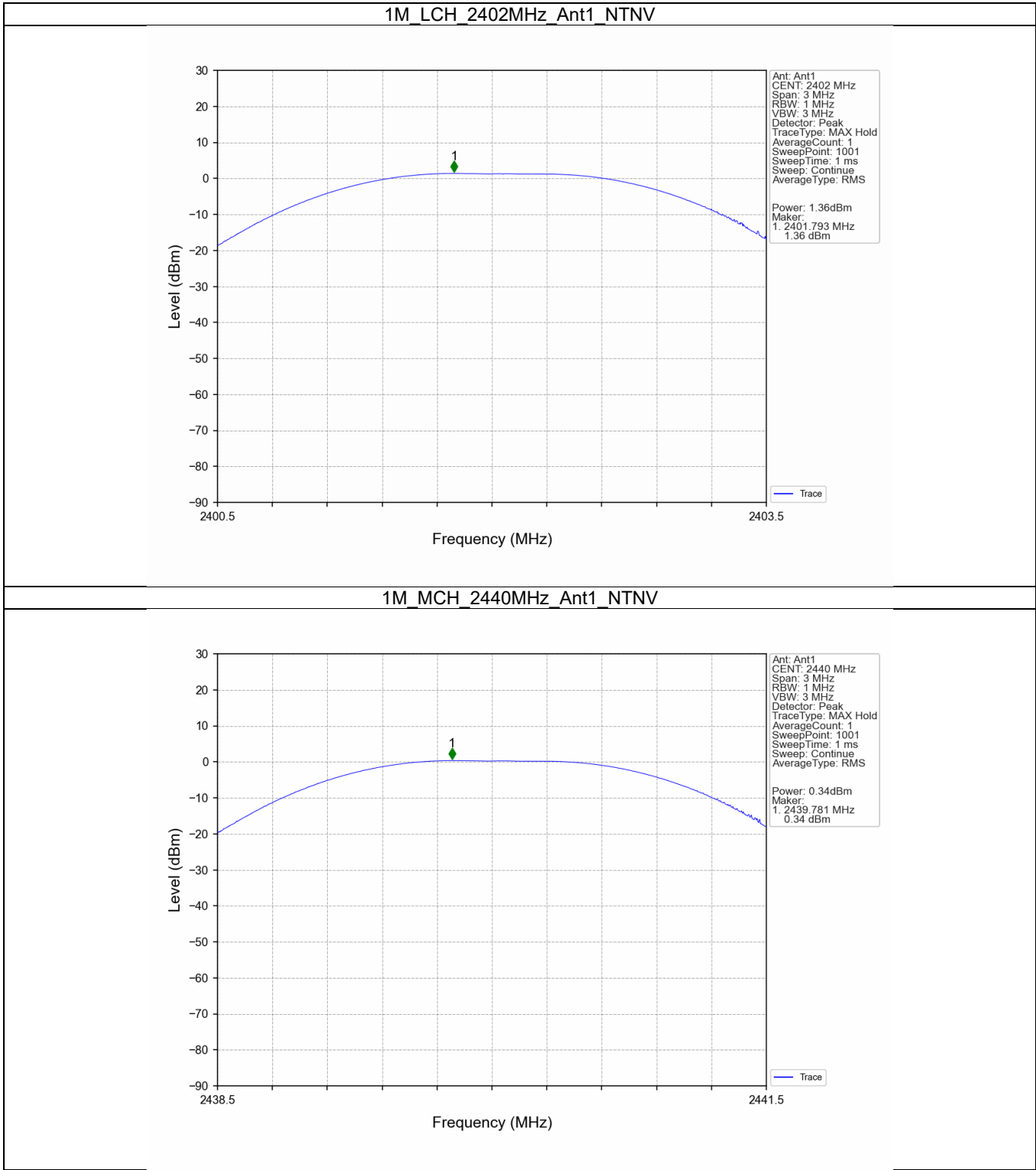
2.1 Test Result

2.1.1 Power

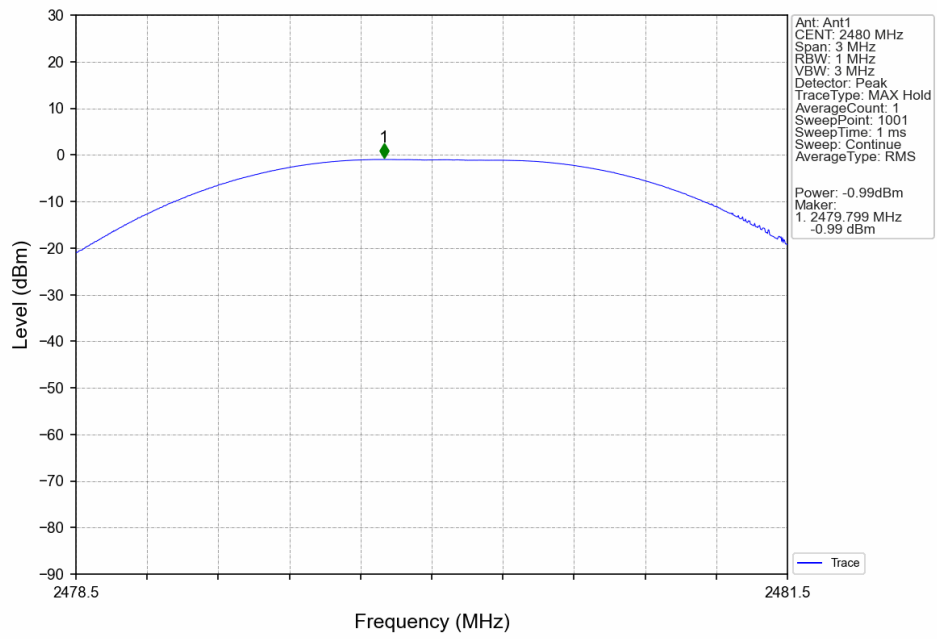
Mode	TX Type	Frequency (MHz)	Maximum Peak Conducted Output Power (dBm)		Verdict
			ANT1	Limit	
1M	SISO	2402	1.36	<=30	Pass
		2440	0.34	<=30	Pass
		2480	-0.99	<=30	Pass

2.2 Test Graph

2.2.1 Power



1M HCH 2480MHz Ant1 NTN



3. Maximum Power Spectral Density

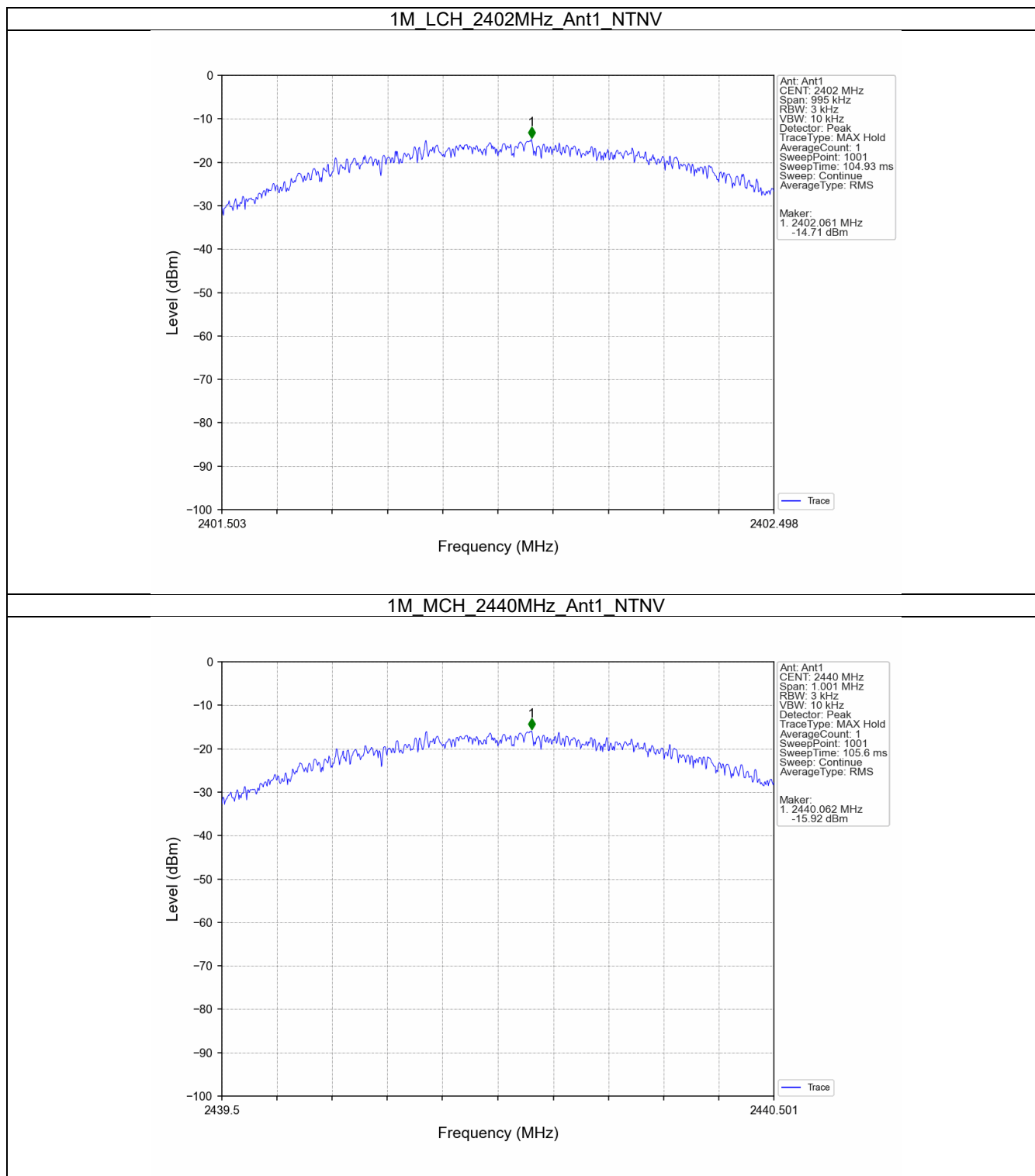
3.1 Test Result

3.1.1 PSD

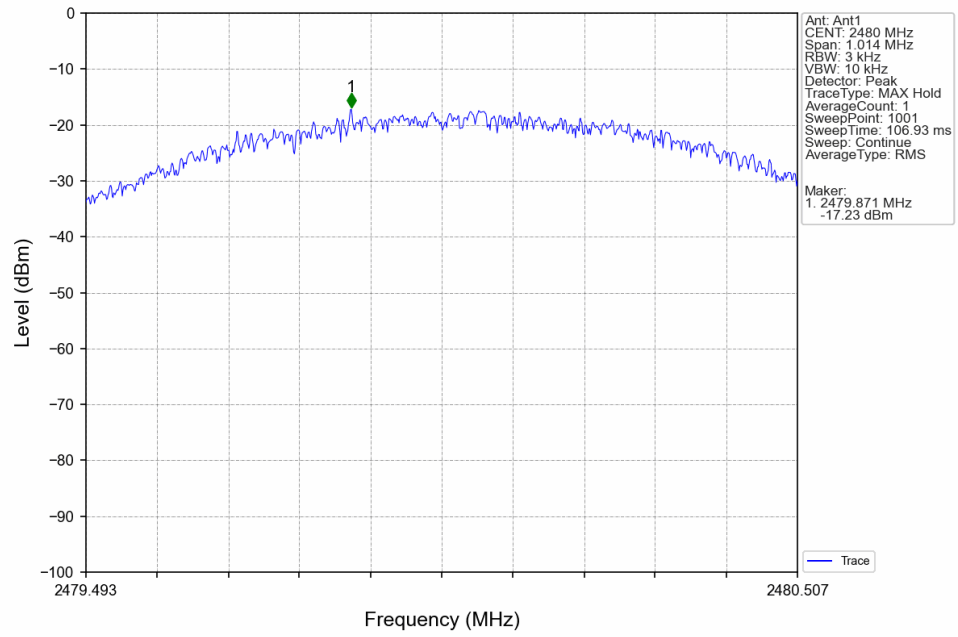
Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm)		Verdict
			ANT1	Limit	
1M	SISO	2402	-14.71	<=8	Pass
		2440	-15.92	<=8	Pass
		2480	-17.23	<=8	Pass

3.2 Test Graph

3.2.1 PSD



1M HCH 2480MHz Ant1 NTN



4. Unwanted Emissions In Non-restricted Frequency Bands

4.1 Test Result

4.1.1 Ref

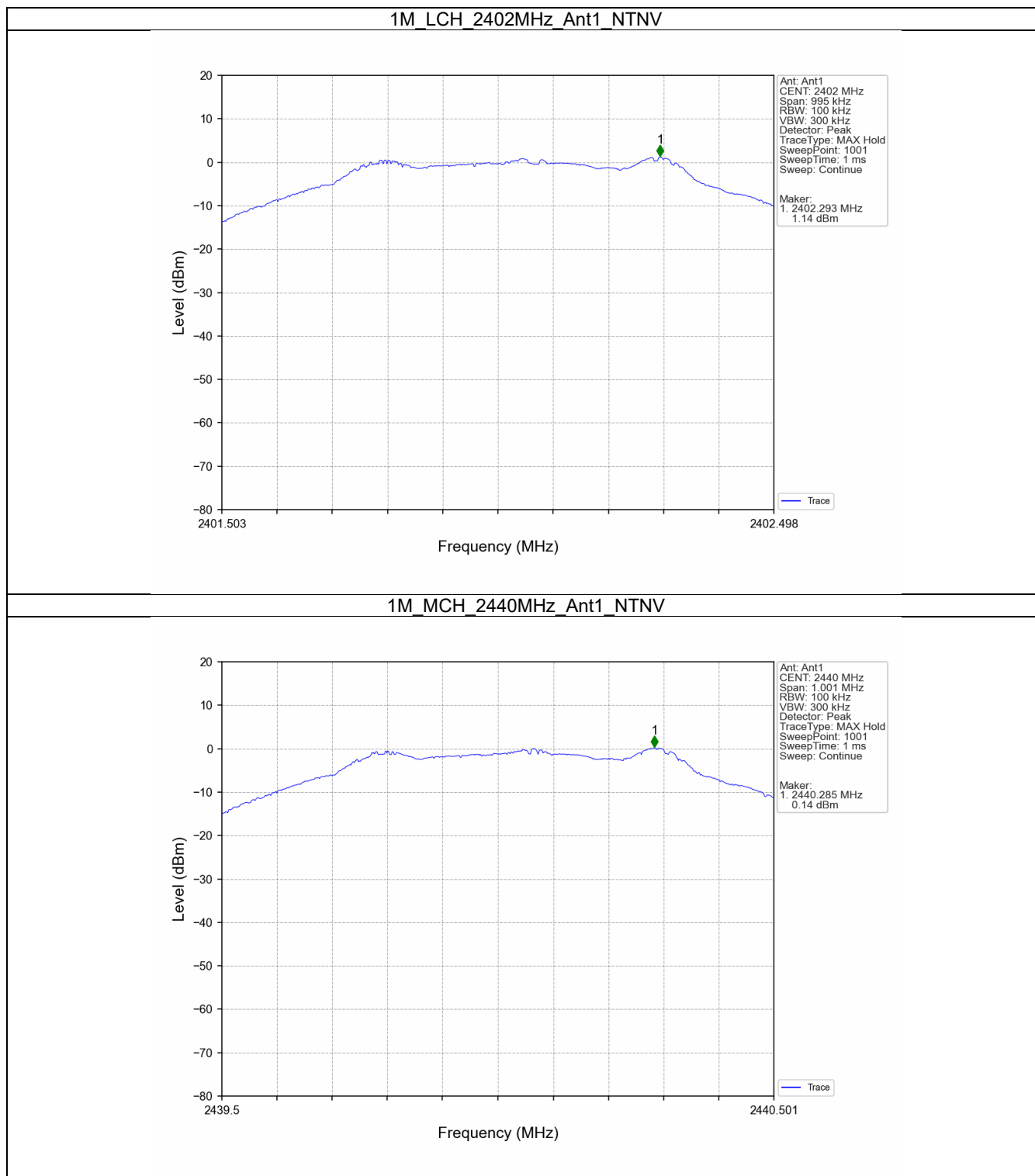
Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)
1M	SISO	2402	1	1.14
		2440	1	0.14
		2480	1	-1.19

4.1.2 CSE

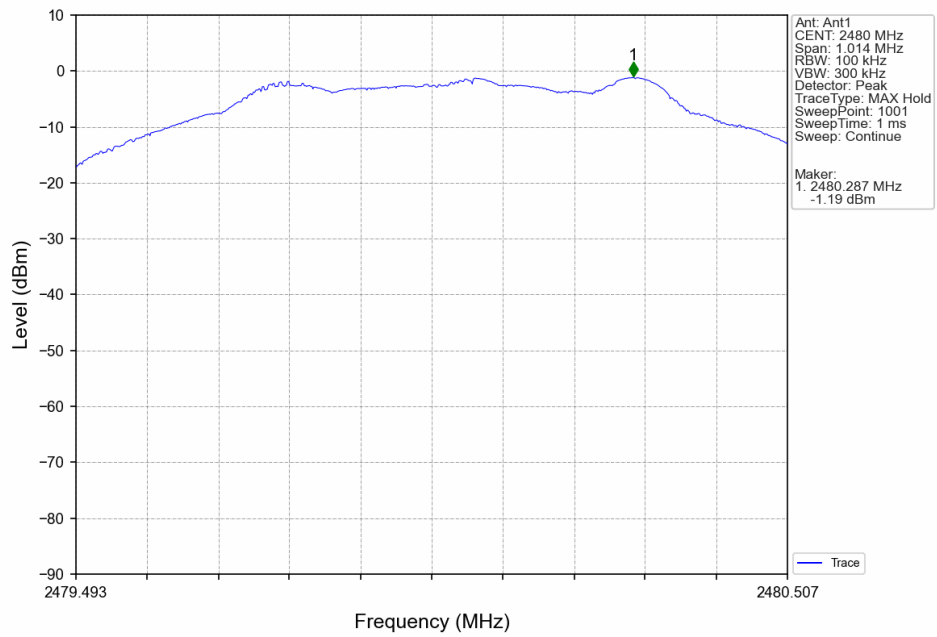
Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
1M	SISO	2402	1	1.14	-18.86	Pass
		2440	1	0.14	-19.86	Pass
		2480	1	-1.19	-21.19	Pass

4.2 Test Graph

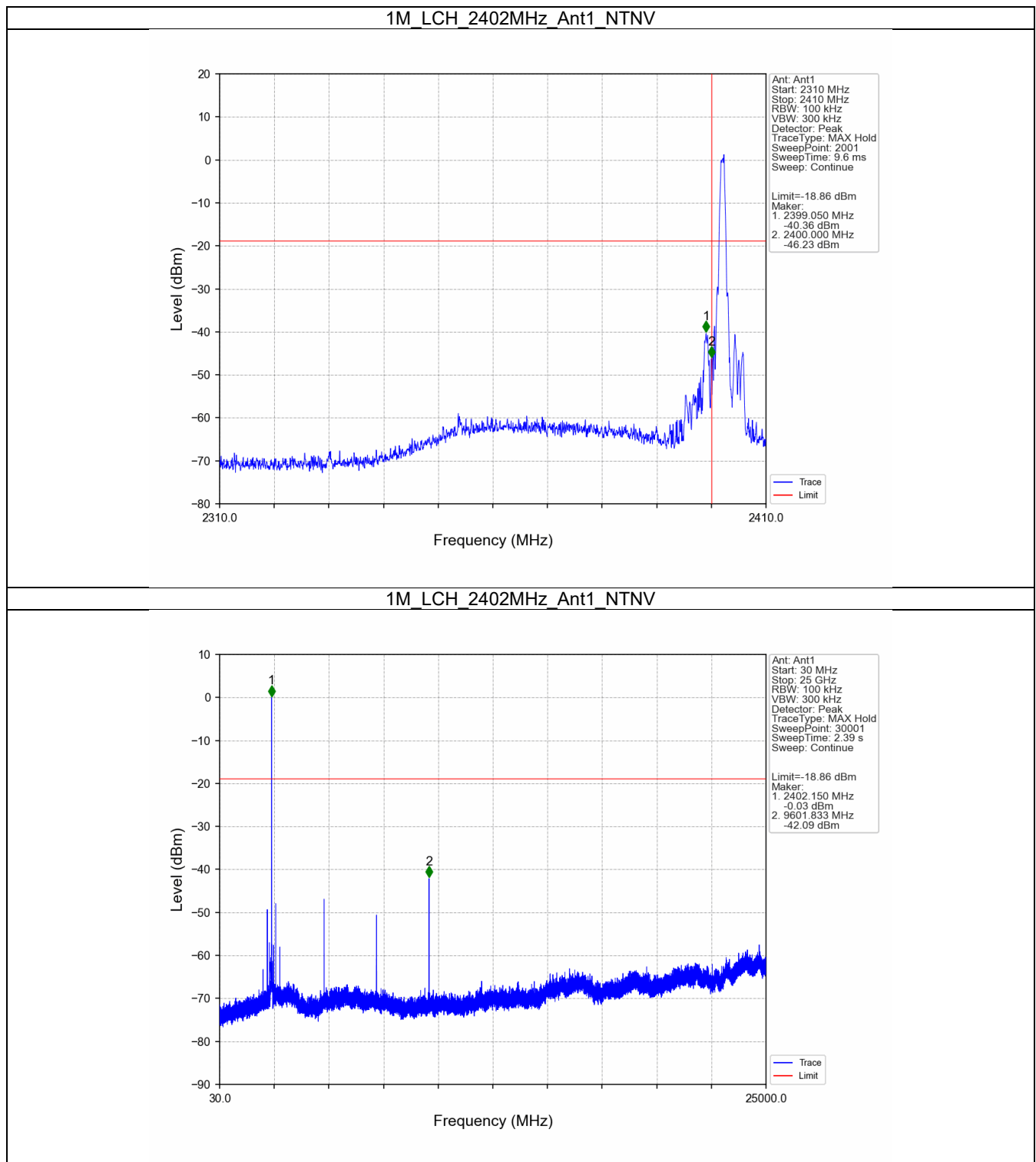
4.2.1 Ref



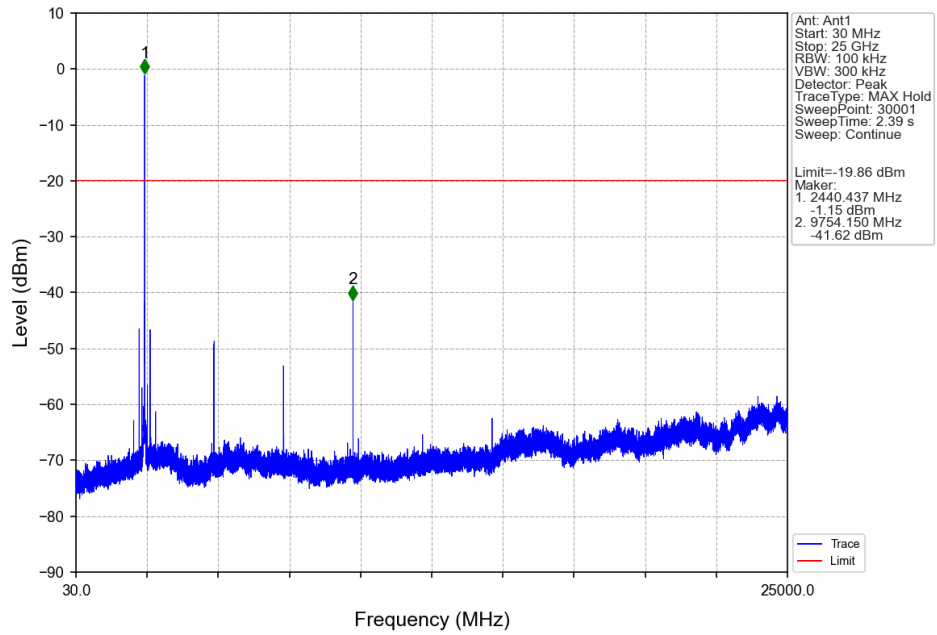
1M HCH 2480MHz Ant1 NTN



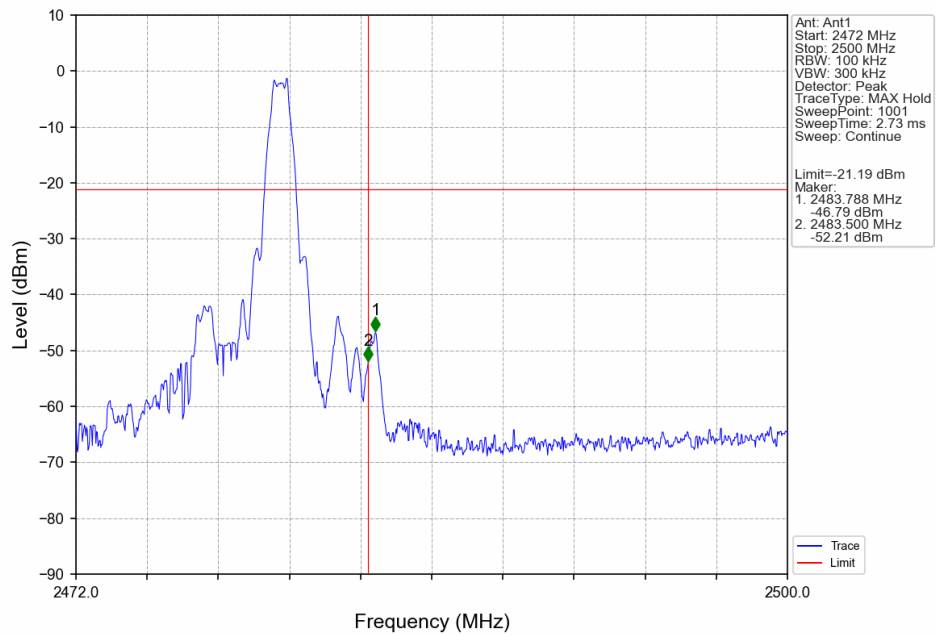
4.2.2 CSE



1M MCH 2440MHz Ant1 NTN



1M HCH 2480MHz Ant1 NTN



1M HCH 2480MHz Ant1 NTN

