

ANNEX TEST DATA

FCC ID: 2BMQK-BM009

Applicant: Listan GmbH

Address: Wilhelm-Bergner-Strasse 11c, 21509 Glinde, Germany

Manufacturer: Listan GmbH

Address: Wilhelm-Bergner-Strasse 11c, 21509 Glinde, Germany

Product Name: Wireless gaming mouse dongle

Trade Mark: be quiet!

Model Number: BM009

Date of Receipt: Jul. 17, 2025

Test Date: Jul. 17, 2025 – Jul. 29, 2025

Date of Report: Jul. 29, 2025

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 C63.10:2013

Test Result: Pass

1. Duty Cycle

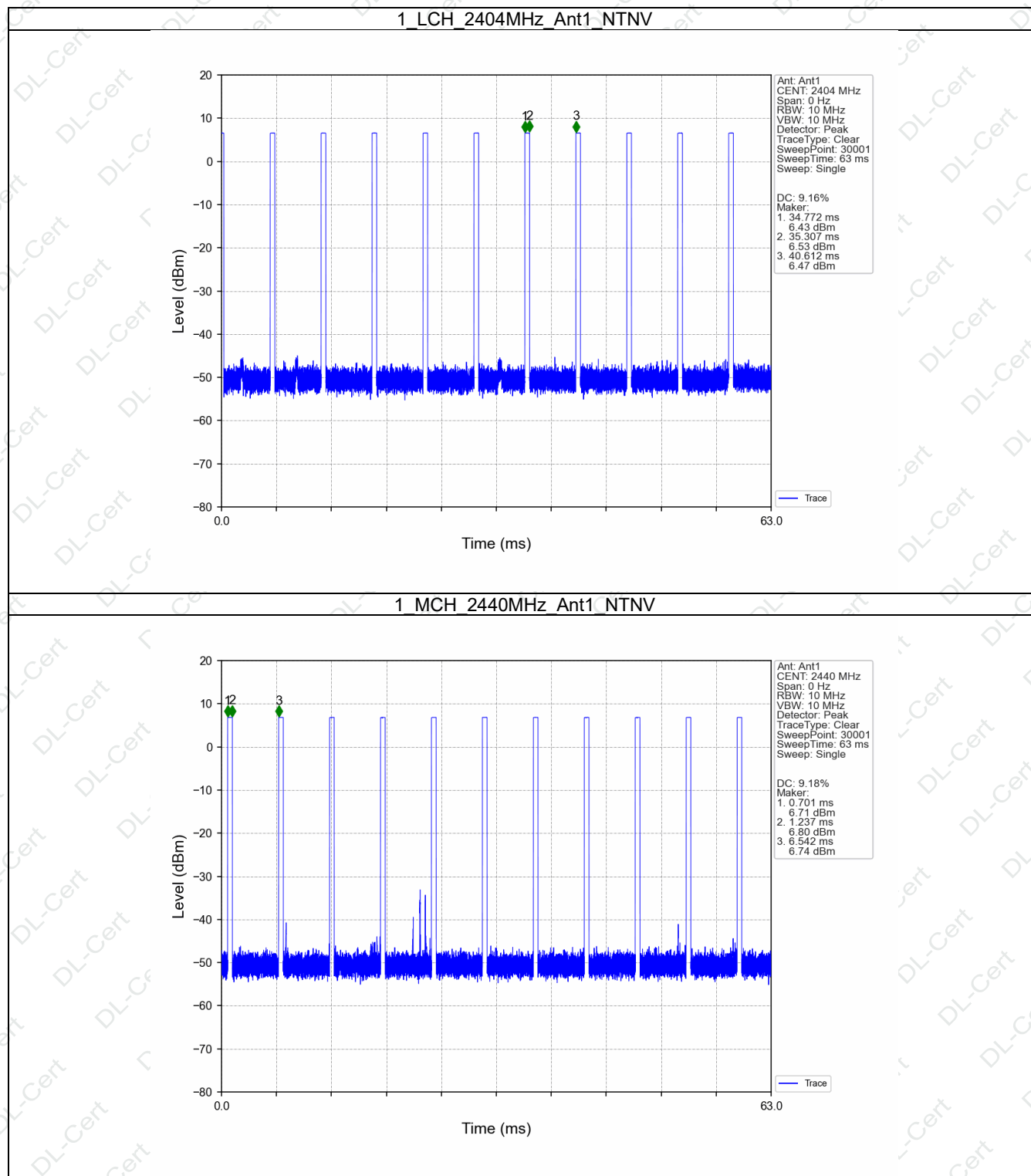
1.1 Test Result

1.1.1 Ant1

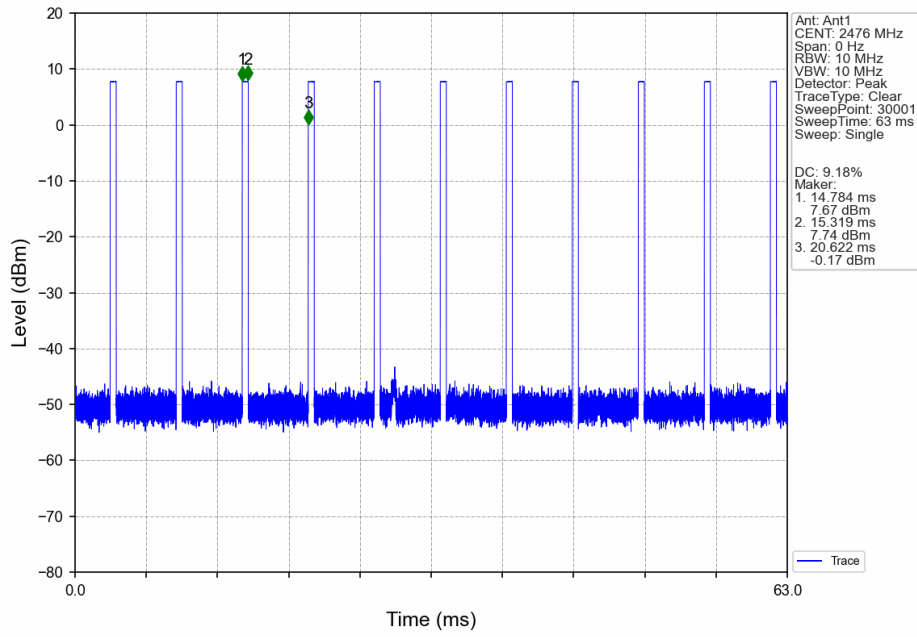
Ant1							
Mode	TX Type	Frequency (MHz)	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
1	SISO	2404	0.535	5.840	9.16	10.38	0.04
		2440	0.536	5.841	9.18	10.37	0.04
		2476	0.536	5.838	9.18	10.37	0.03

1.2 Test Graph

1.2.1 Ant1



1 HCH 2476MHz Ant1 NTNV



2. Bandwidth

2.1 Test Result

2.1.1 OBW

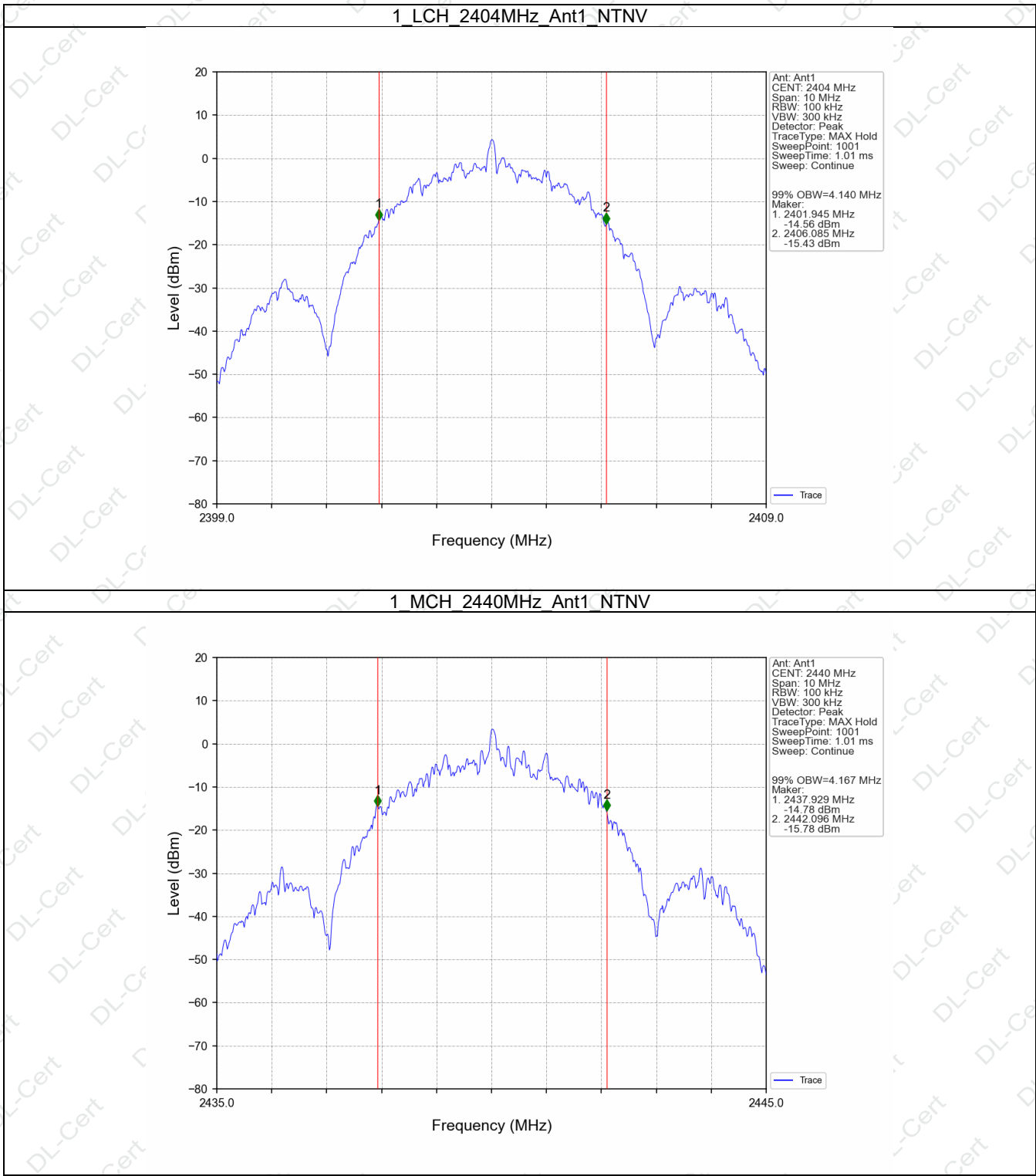
Mode	TX Type	Frequency (MHz)	ANT	99% Occupied Bandwidth (MHz)		Verdict
				Result	Limit	
1	SISO	2404	1	4.140	/	Pass
		2440	1	4.167	/	Pass
		2476	1	4.201	/	Pass

2.1.2 6dB BW

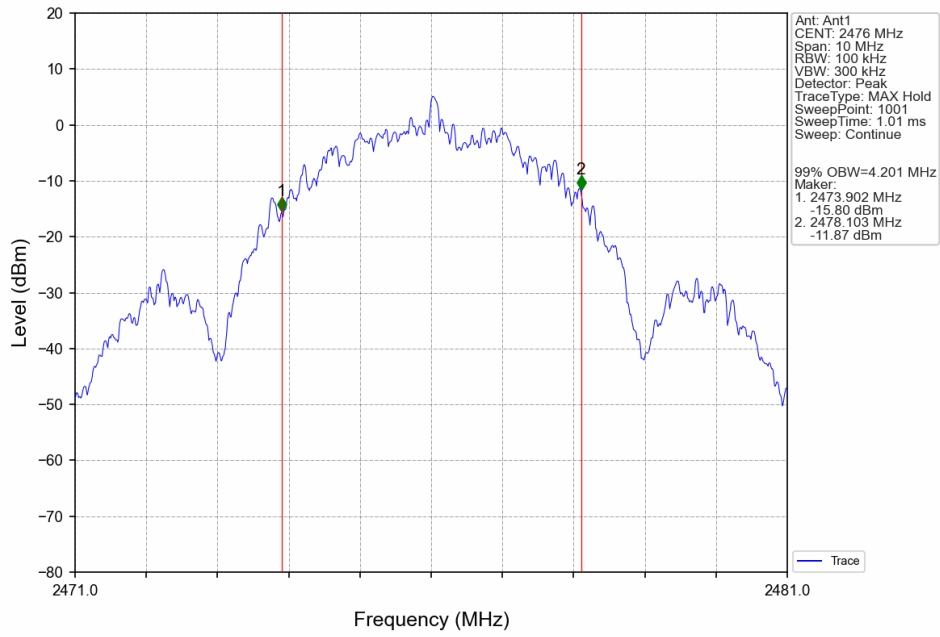
Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
1	SISO	2404	1	1.430	>=0.5	Pass
		2440	1	2.029	>=0.5	Pass
		2476	1	1.266	>=0.5	Pass

2.2 Test Graph

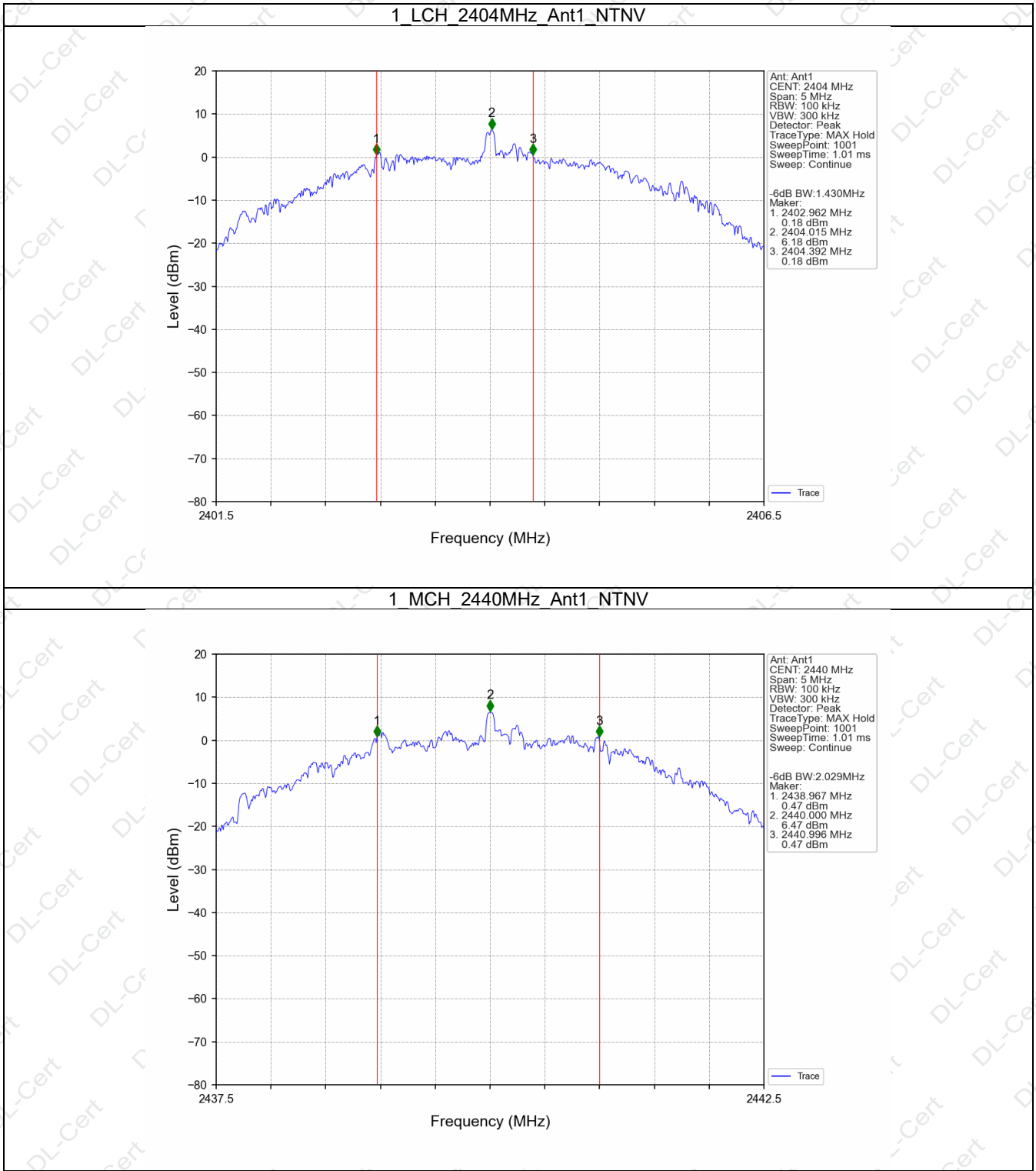
2.2.1 OBW



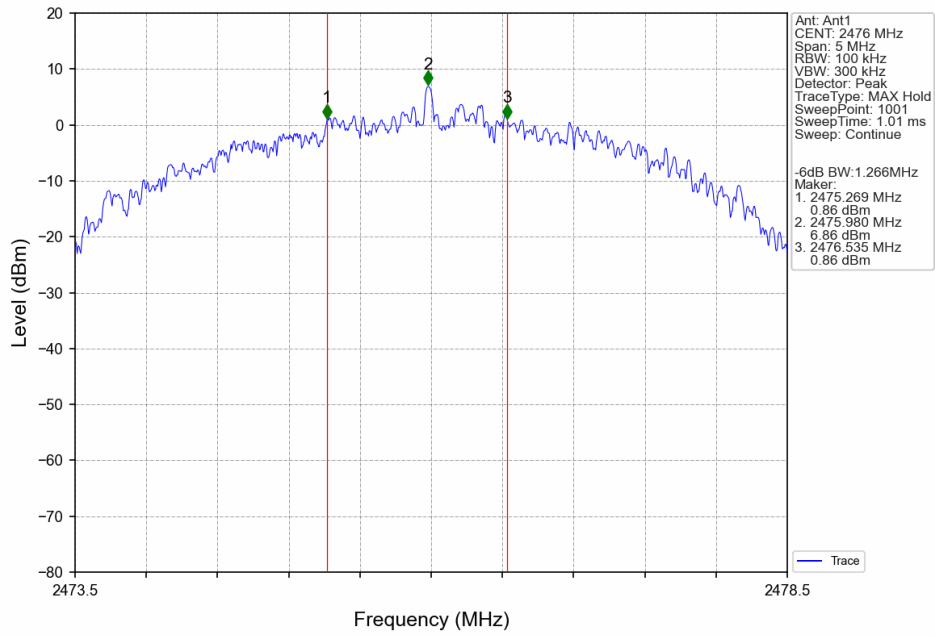
1 HCH 2476MHz Ant1 NTNV



2.2.2 6dB BW



1 HCH 2476MHz Ant1 NTNV



3. Maximum Conducted Output Power

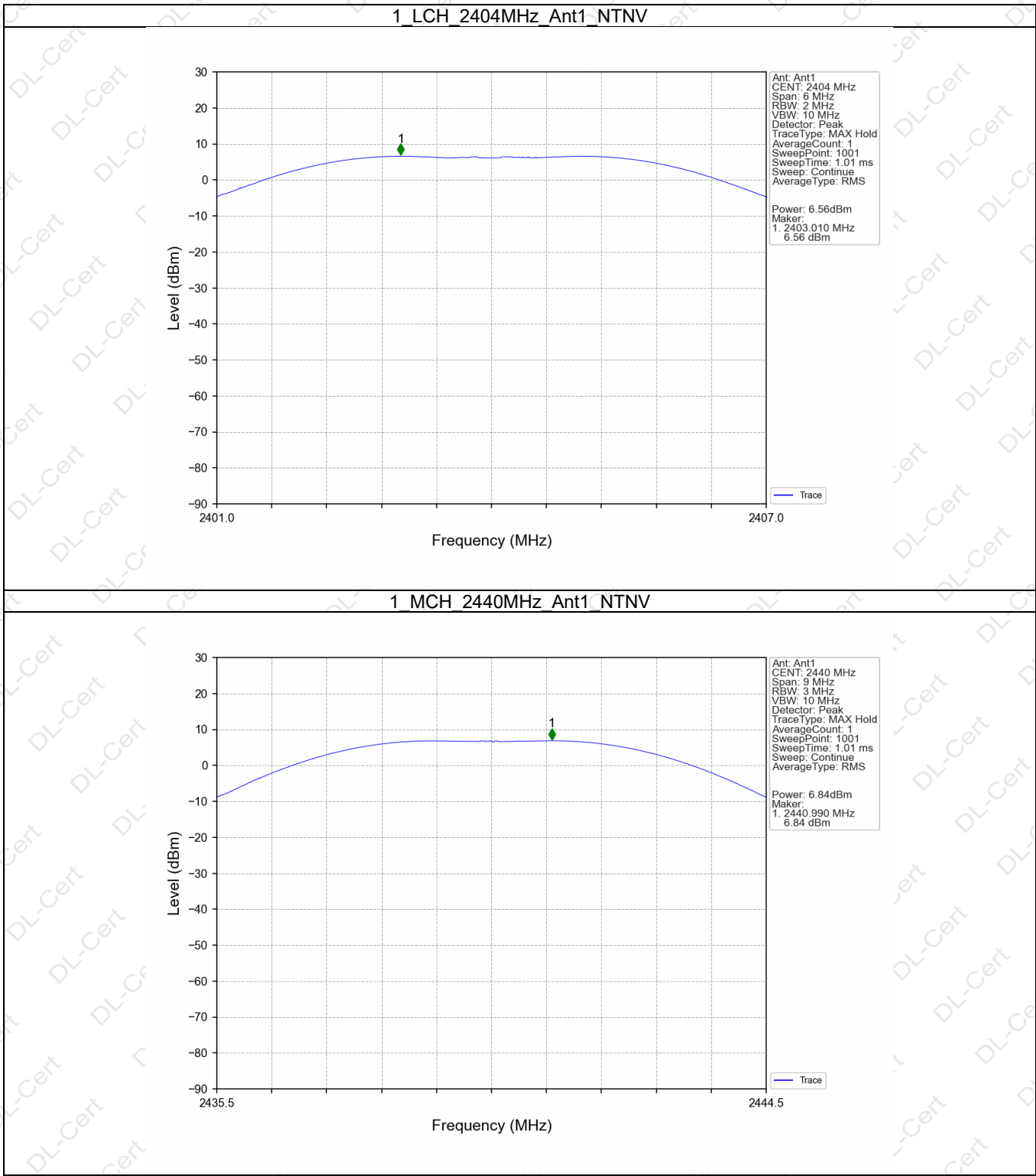
3.1 Test Result

3.1.1 Power

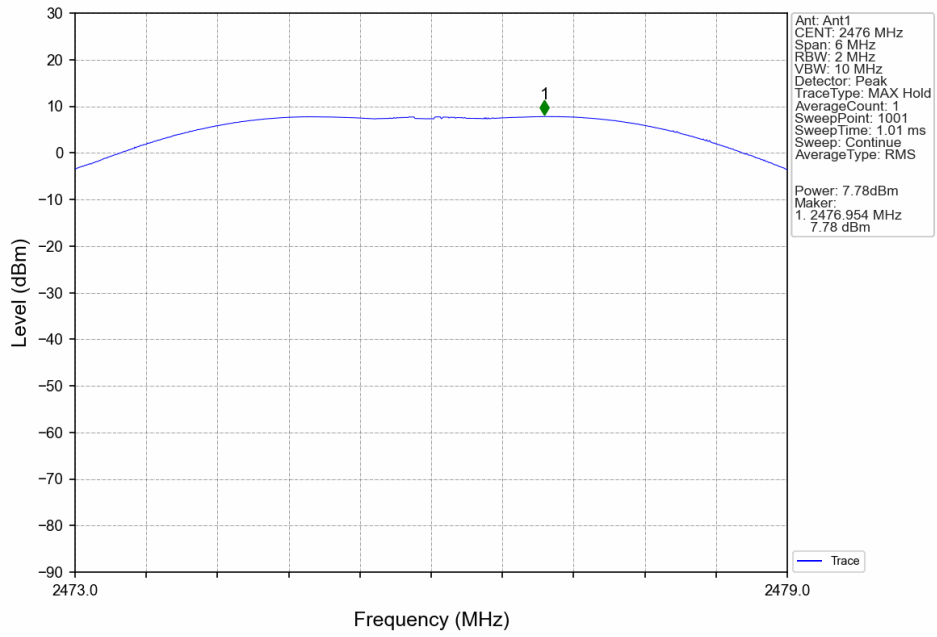
Mode	TX Type	Frequency (MHz)	Maximum Peak Conducted Output Power (dBm)		Verdict
			ANT1	Limit	
1	SISO	2404	6.56	<=30	Pass
		2440	6.84	<=30	Pass
		2476	7.78	<=30	Pass

3.2 Test Graph

3.2.1 Power



1 HCH 2476MHz Ant1 NTV



4. Maximum Power Spectral Density

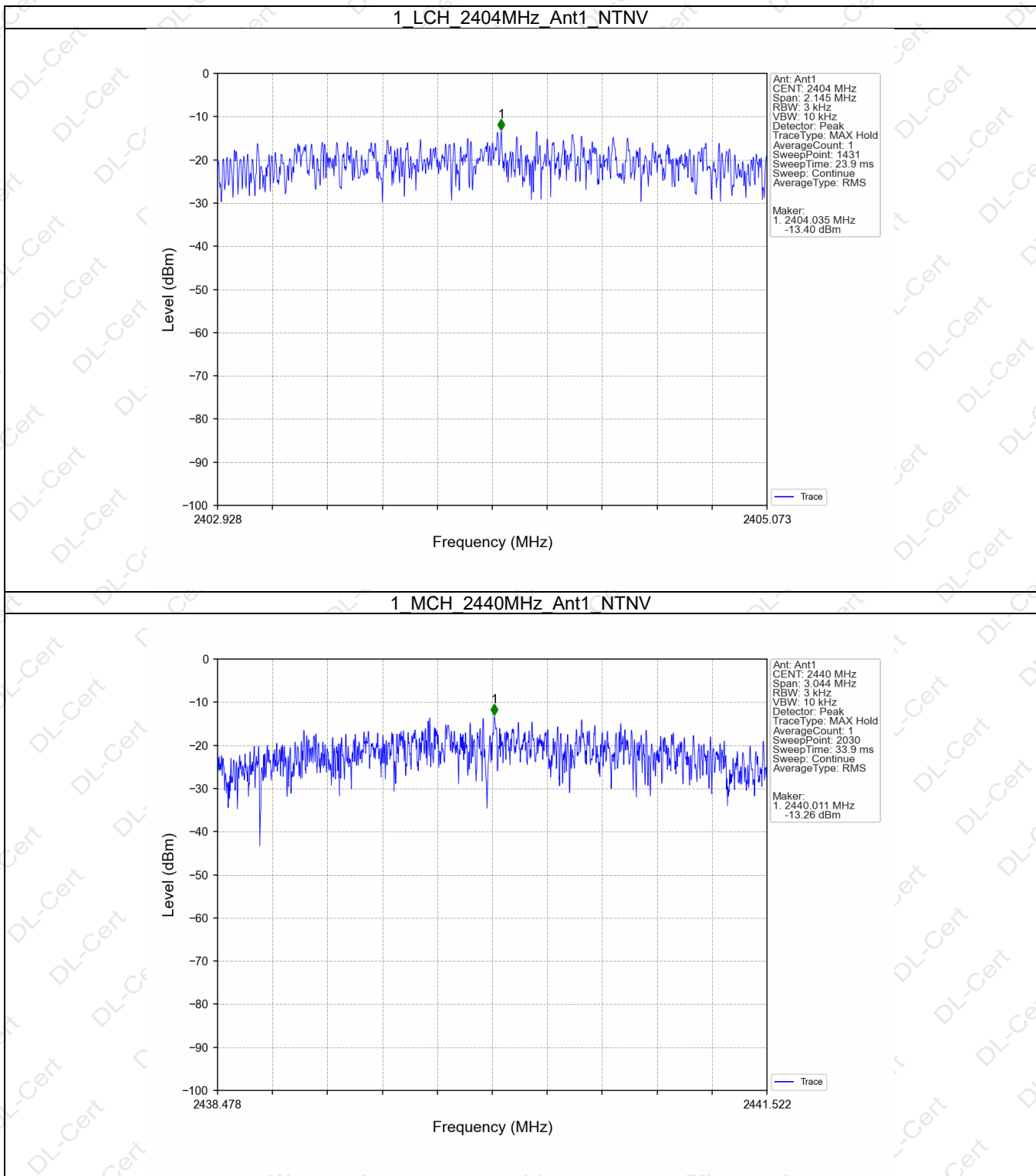
4.1 Test Result

4.1.1 PSD

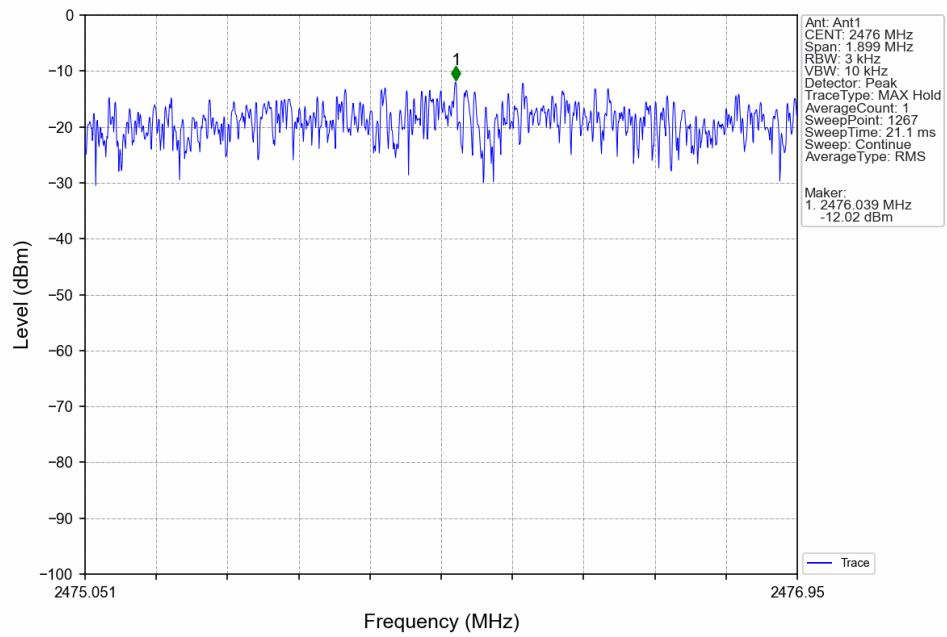
Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/3kHz)		Verdict
			ANT1	Limit	
1	SISO	2404	-13.40	<=8	Pass
		2440	-13.26	<=8	Pass
		2476	-12.02	<=8	Pass

4.2 Test Graph

4.2.1 PSD



1 HCH 2476MHz Ant1 NTV



5.1 Test Result

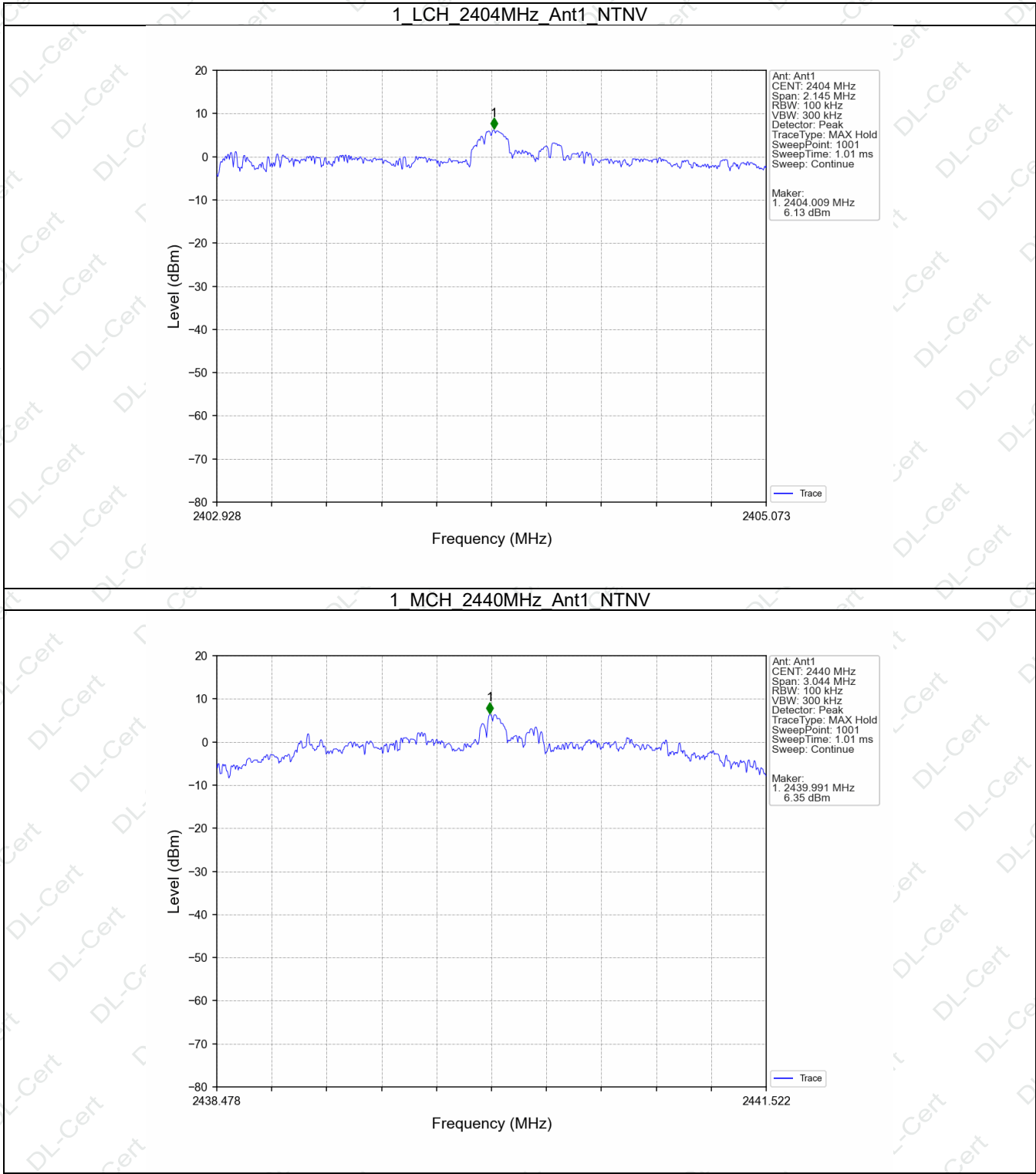
Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)
1	SISO	2404	1	6.13
		2440	1	6.35
		2476	1	7.37

Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2013, the channel contains the maximum PSD level was used to establish the reference level.

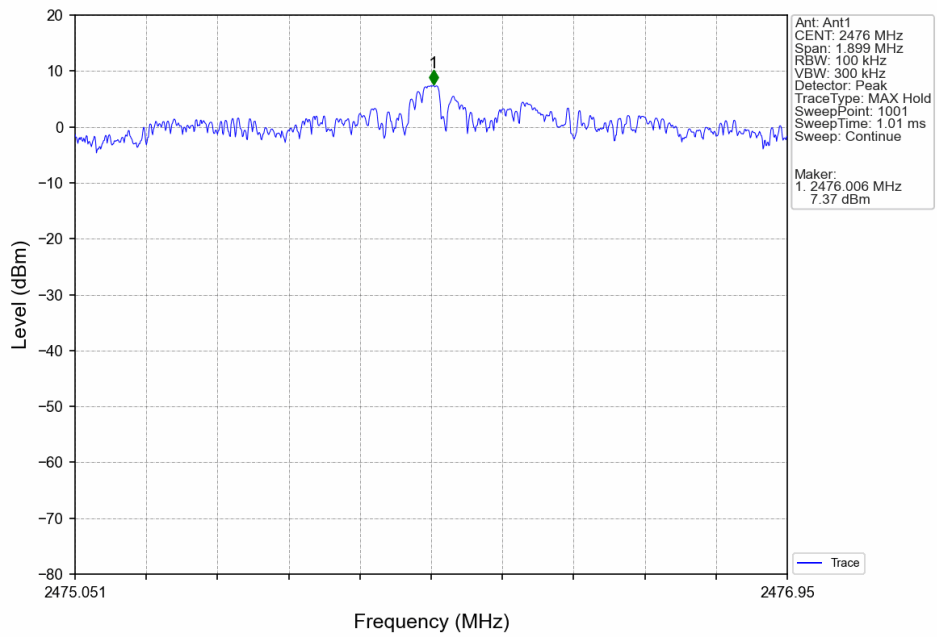
Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
1	SISO	2404	1	6.13	-13.87	Pass
		2440	1	6.35	-13.65	Pass
		2476	1	7.37	-12.63	Pass
Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2013, the channel contains the maximum PSD level was used to establish the reference level.						

5.2 Test Graph

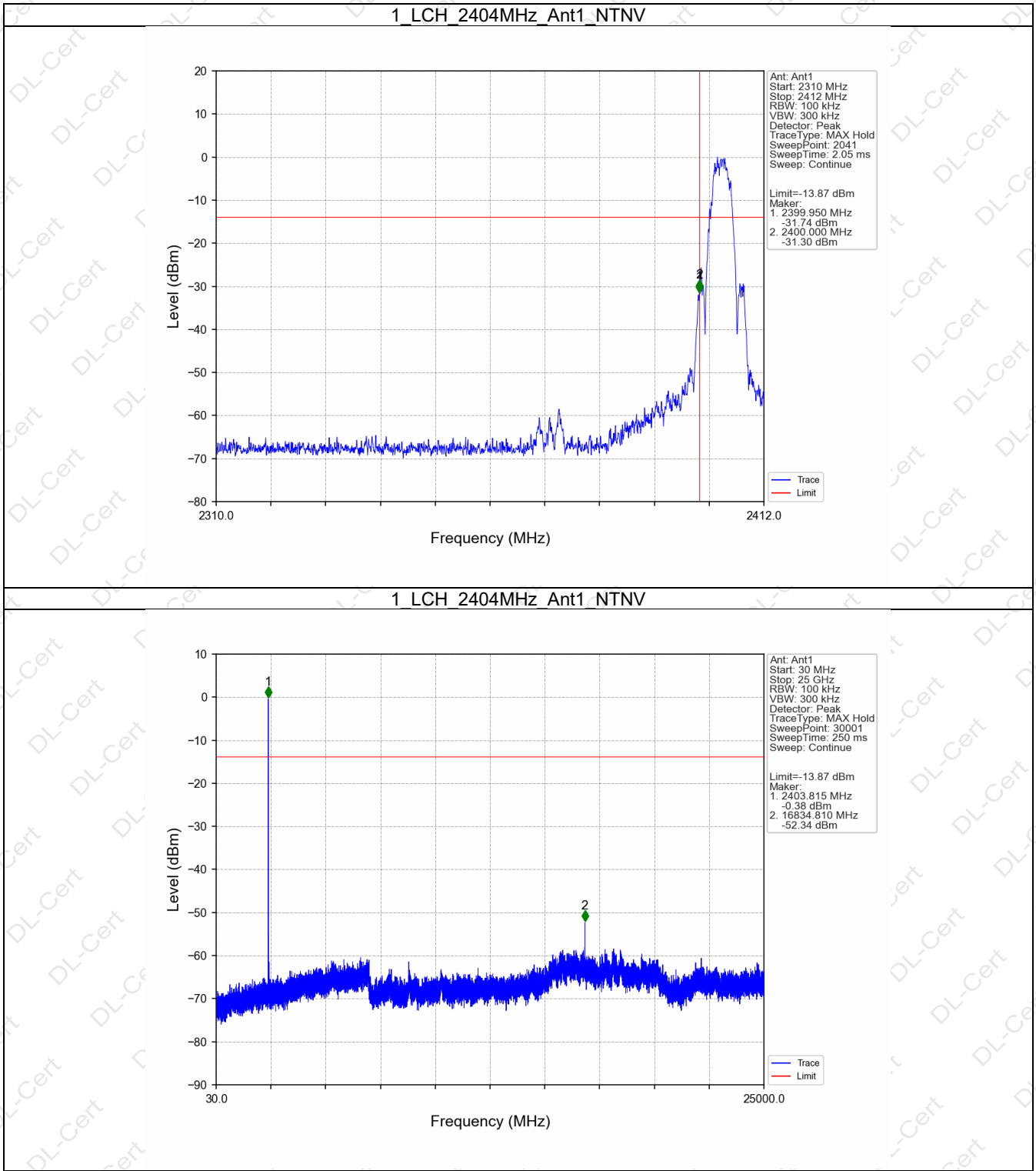
5.2.1 Ref



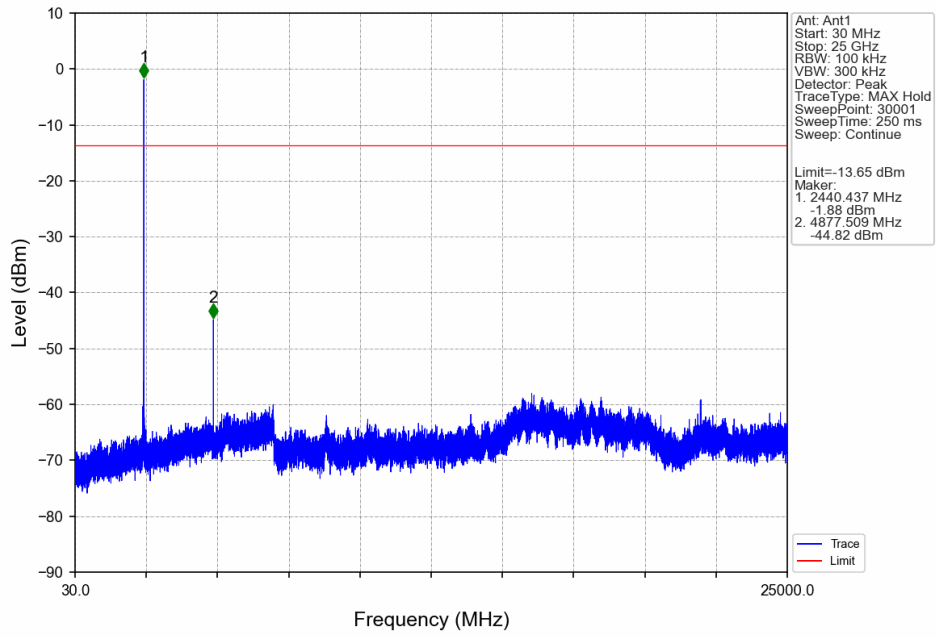
1 HCH 2476MHz Ant1 NTV



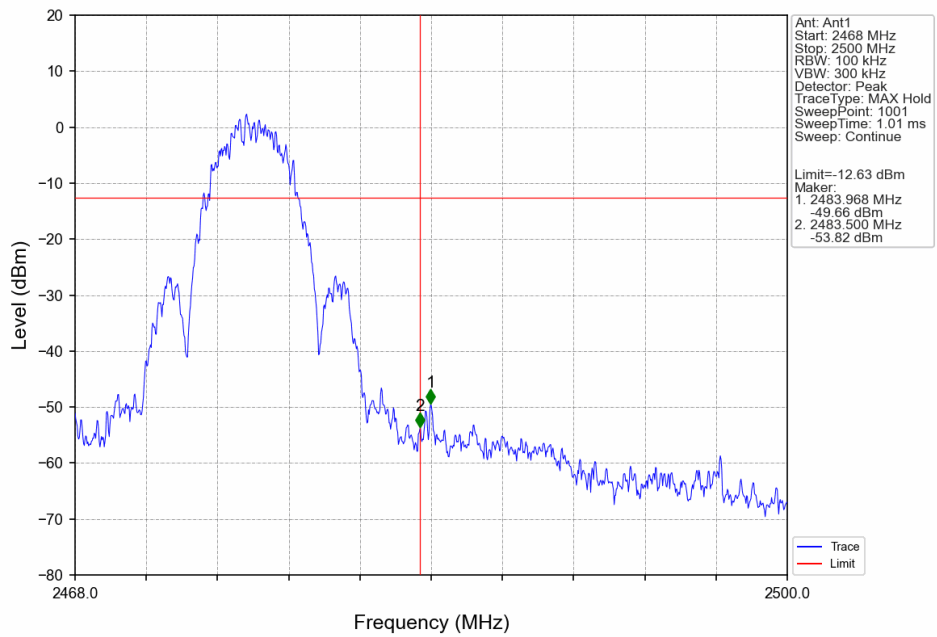
5.2.2 CSE



1 MCH_2440MHz_Ant1_NTNV



1 HCH_2476MHz_Ant1_NTNV



1 HCH 2476MHz Ant1 NTNV

