

ANNEX 1 TEST DATA

FCC ID: 2BMQK-BM007

Applicant: Listan GmbH

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

Manufacturer: Listan GmbH

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

Product Name: Dark Perk Ergo

Trade Mark: be quiet!

Model Number: BM007

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

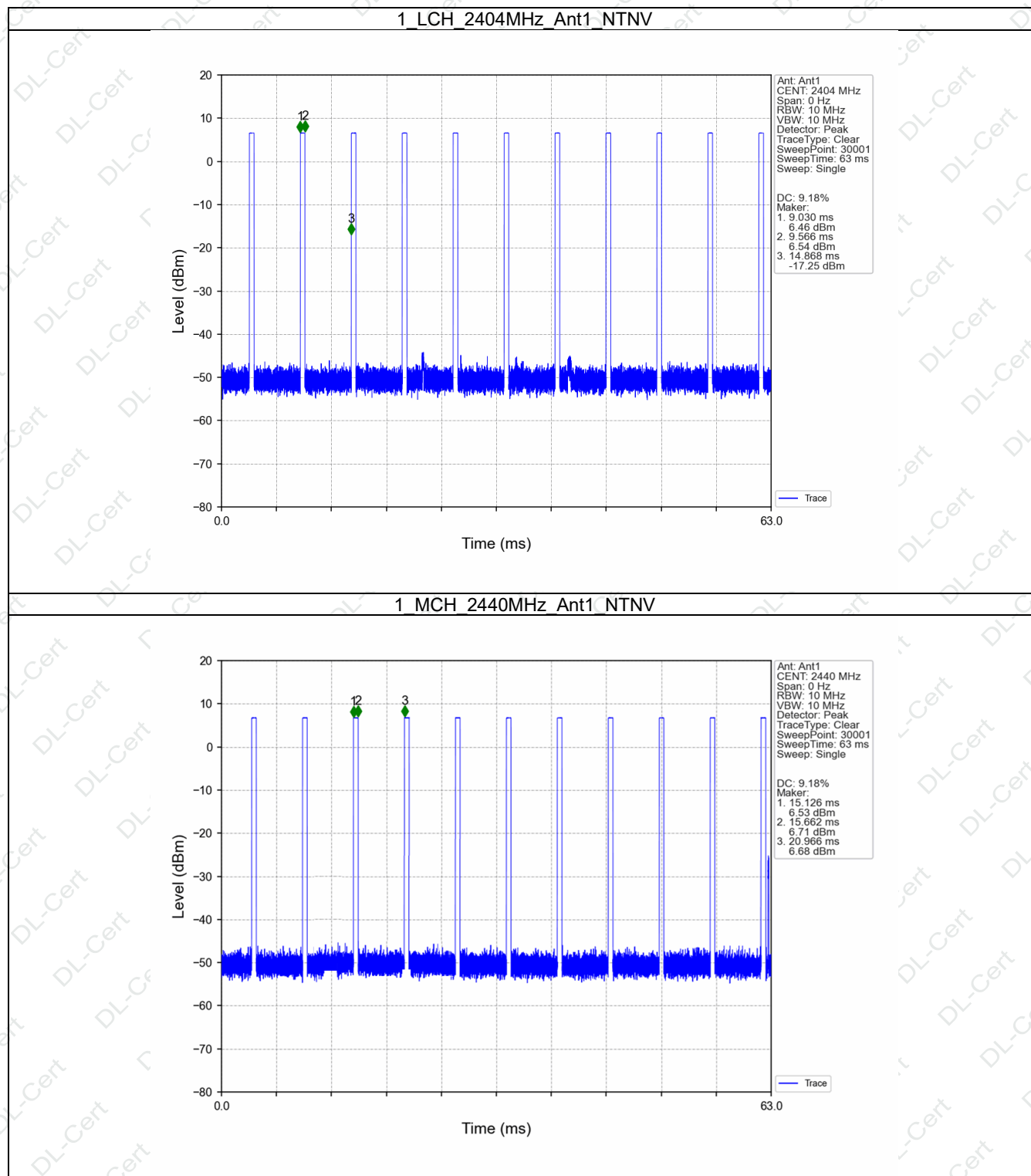
1.1 Test Result

1.1.1 Ant1

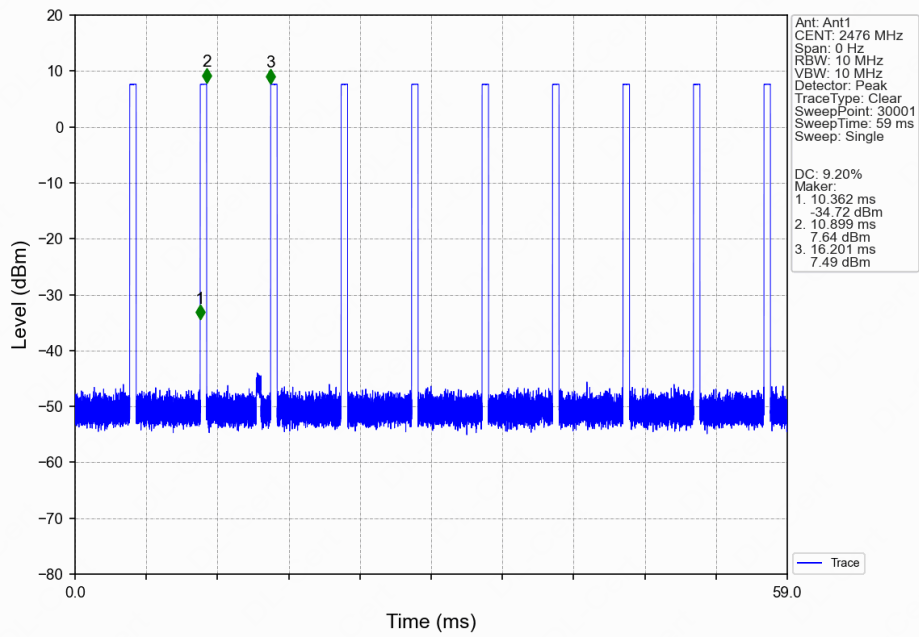
Ant1							
Mode	TX Type	Frequency (MHz)	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
1	SISO	2404	0.536	5.838	9.18	10.37	0.03
		2440	0.536	5.840	9.18	10.37	0.04
		2476	0.537	5.839	9.20	10.36	0.00

1.2 Test Graph

1.2.1 Ant1



1 HCH 2476MHz Ant1 NTNV



2. Bandwidth

2.1 Test Result

2.1.1 OBW

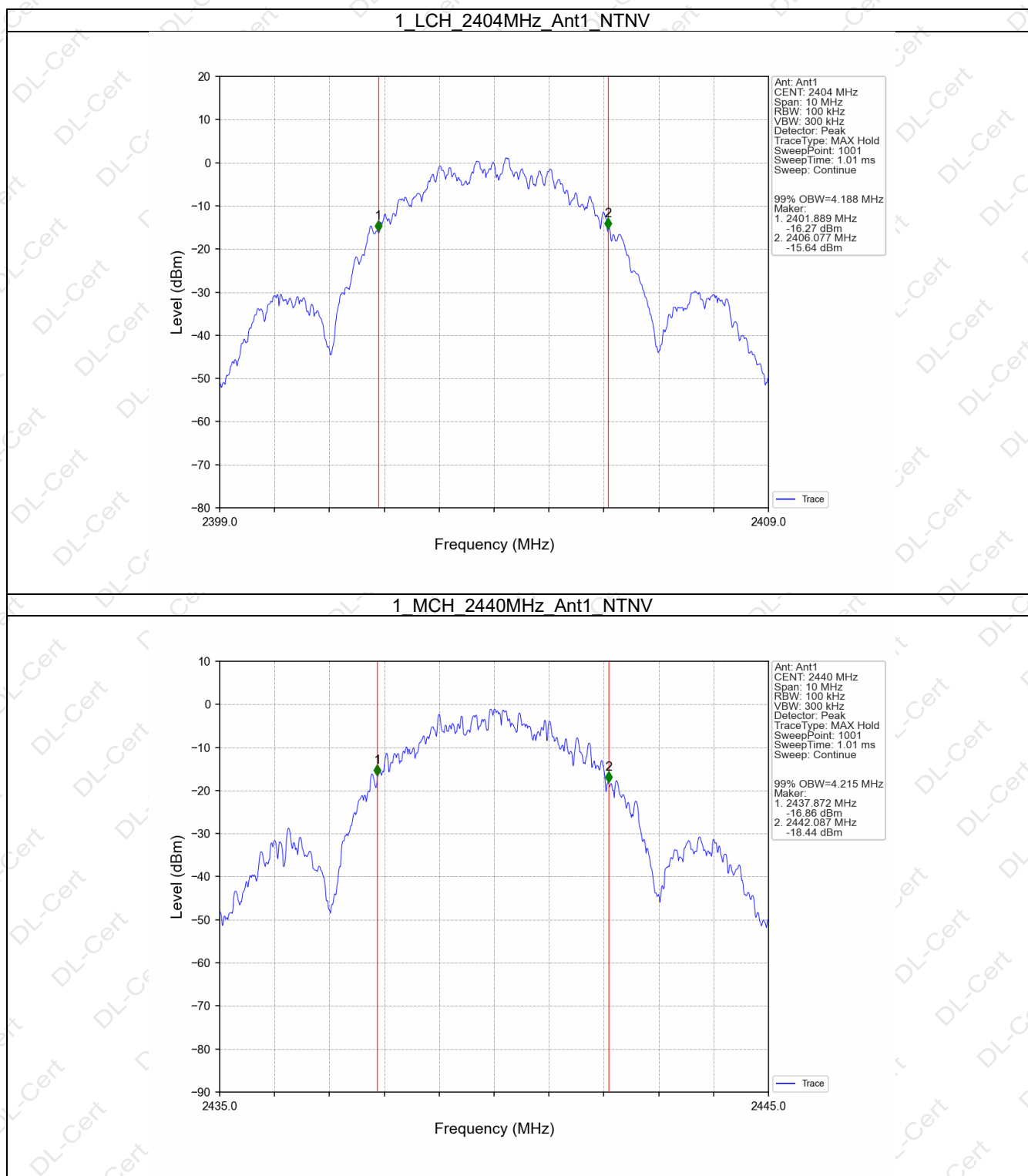
Mode	TX Type	Frequency (MHz)	ANT	99% Occupied Bandwidth (MHz)		Verdict
				Result	Limit	
1	SISO	2404	1	4.188	/	Pass
		2440	1	4.215	/	Pass
		2476	1	4.193	/	Pass

2.1.2 6dB BW

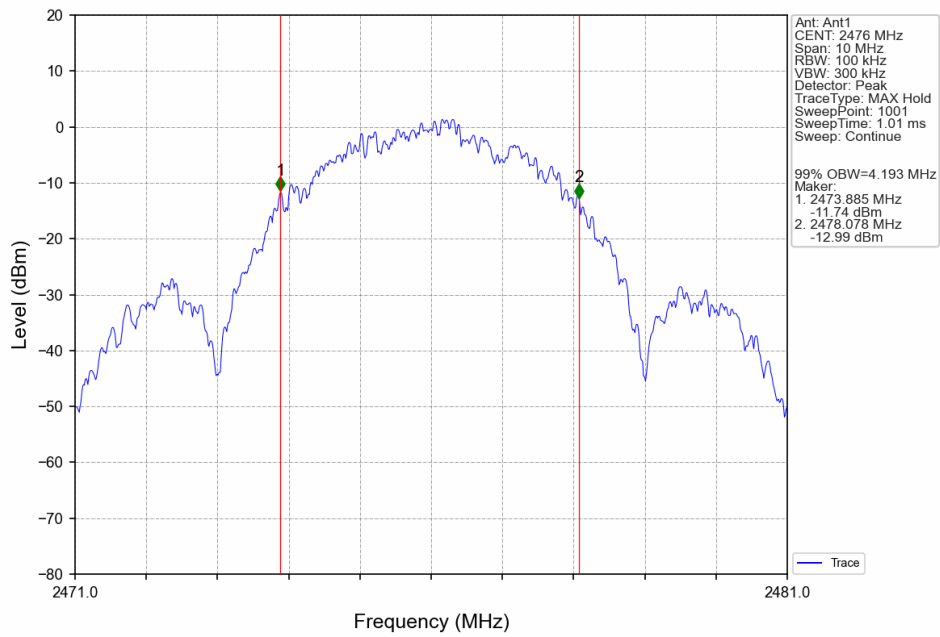
Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
1	SISO	2404	1	1.370	>=0.5	Pass
		2440	1	1.678	>=0.5	Pass
		2476	1	1.651	>=0.5	Pass

2.2 Test Graph

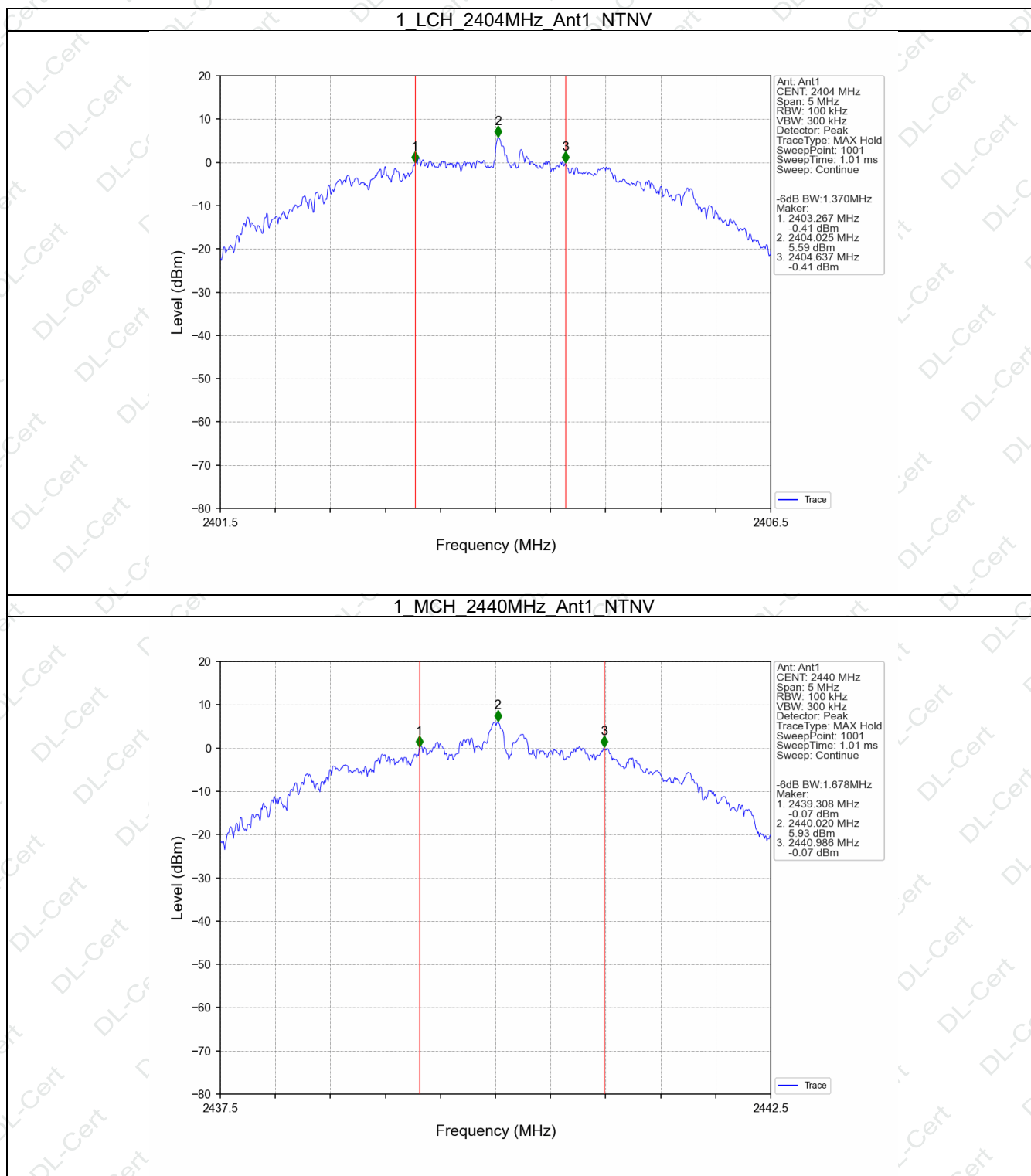
2.2.1 OBW



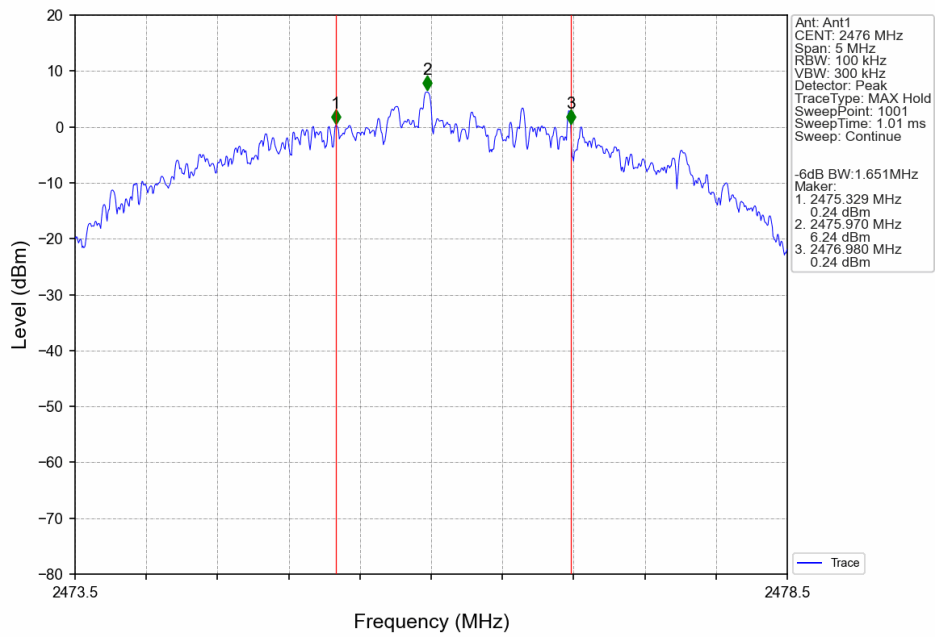
1 HCH 2476MHz Ant1 NTV



2.2.2 6dB BW



1 HCH 2476MHz Ant1 NTV



3. Maximum Conducted Output Power

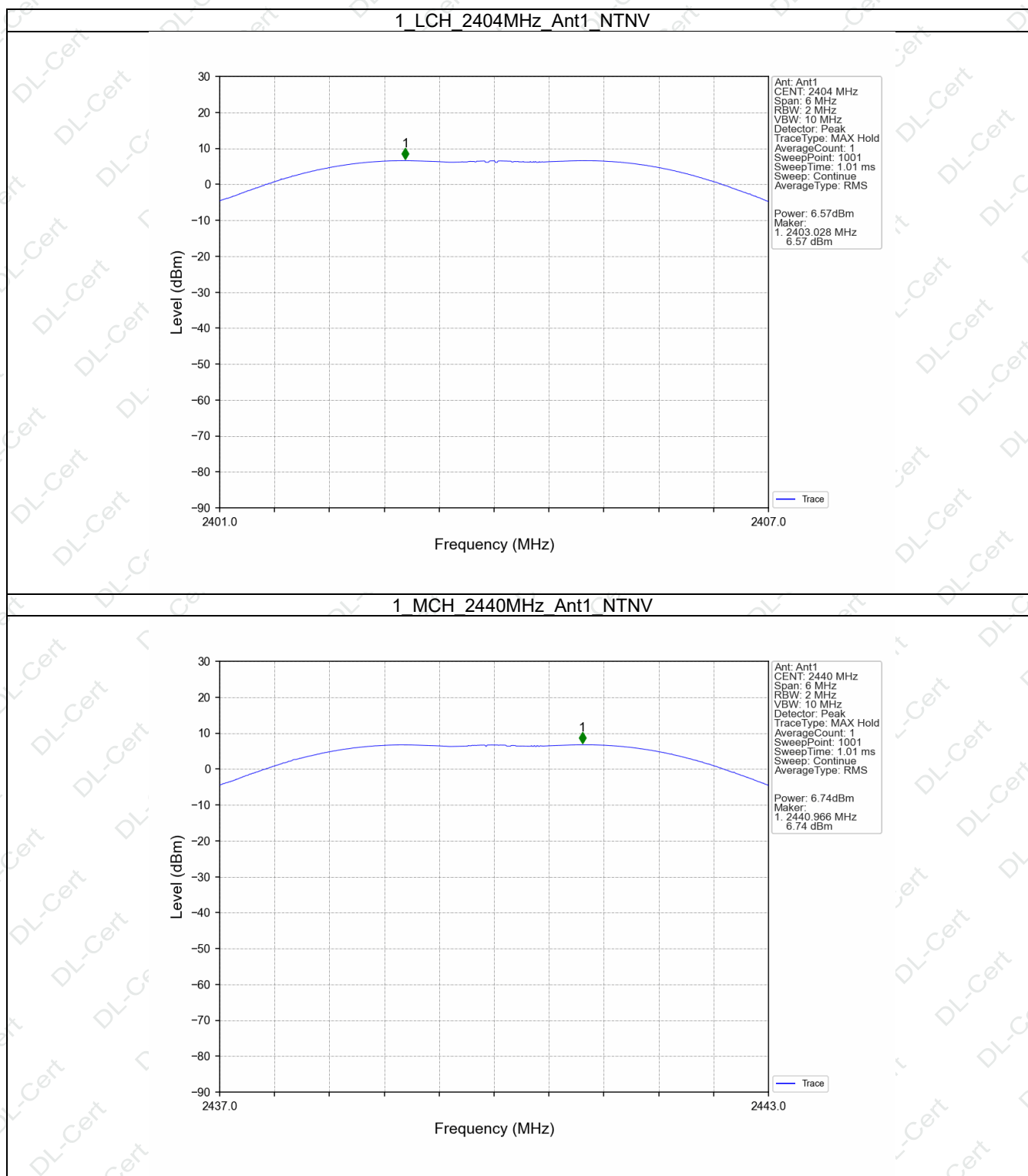
3.1 Test Result

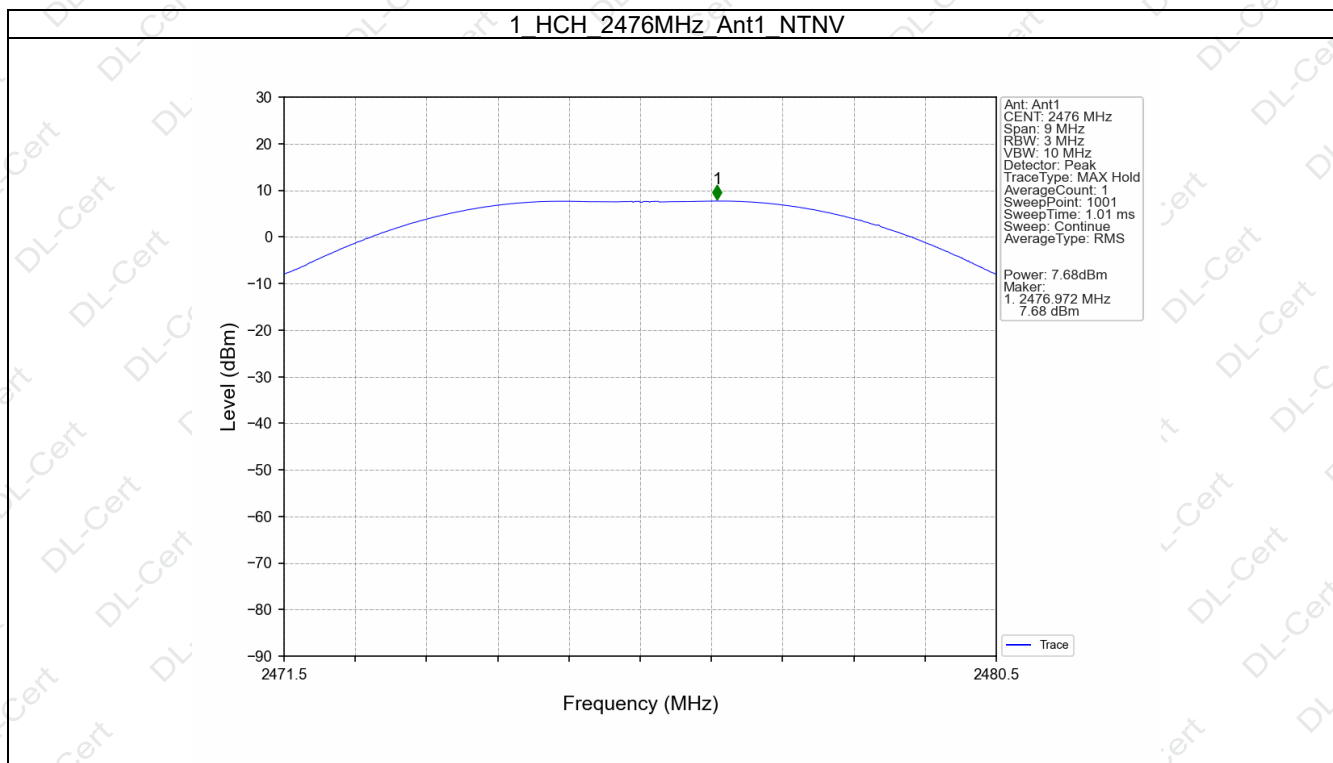
3.1.1 Power

Mode	TX Type	Frequency (MHz)	Maximum Peak Conducted Output Power (dBm)		Verdict
			ANT1	Limit	
1	SISO	2404	6.57	<=30	Pass
		2440	6.74	<=30	Pass
		2476	7.68	<=30	Pass
⋮					

3.2 Test Graph

3.2.1 Power





4. Maximum Power Spectral Density

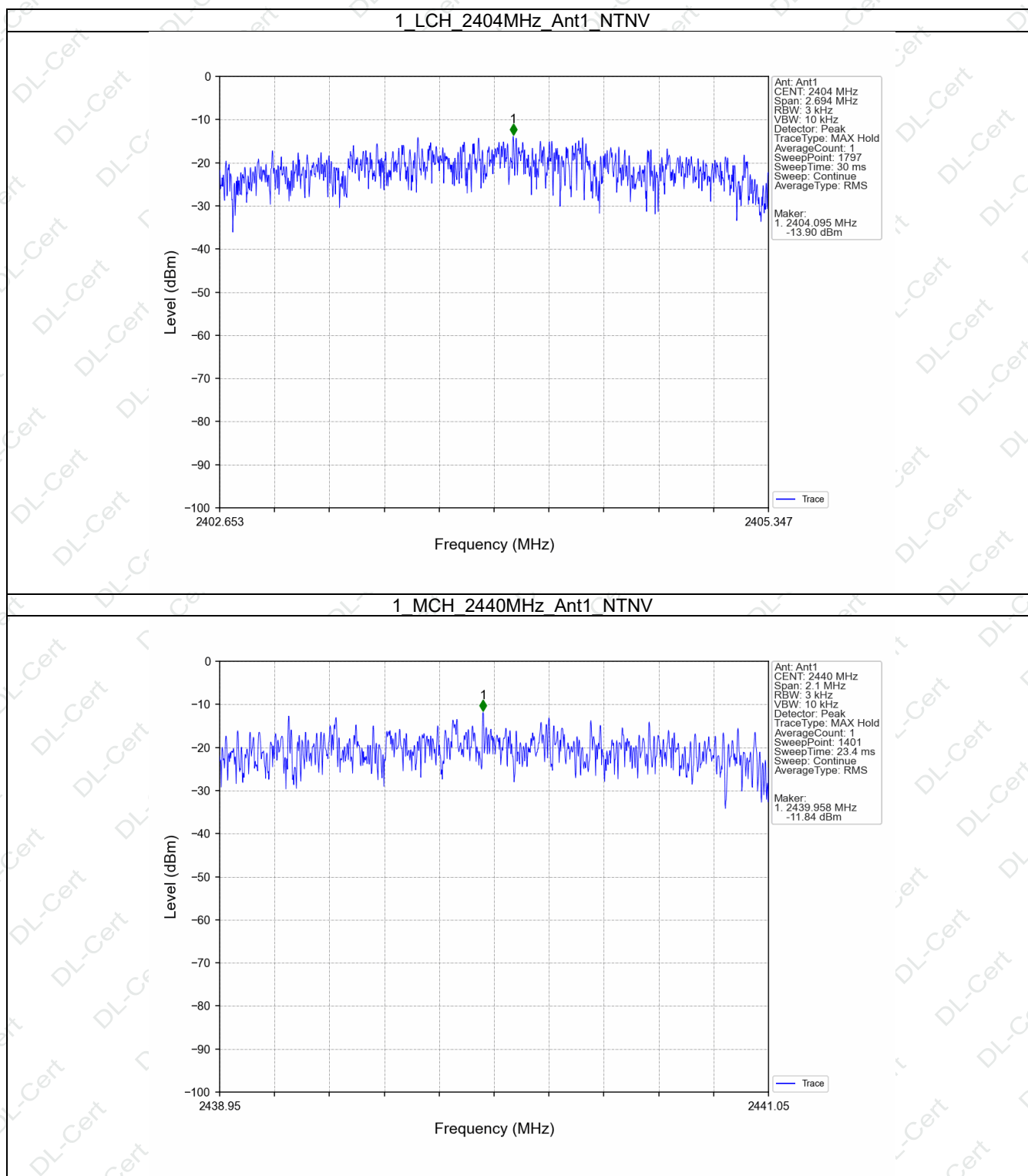
4.1 Test Result

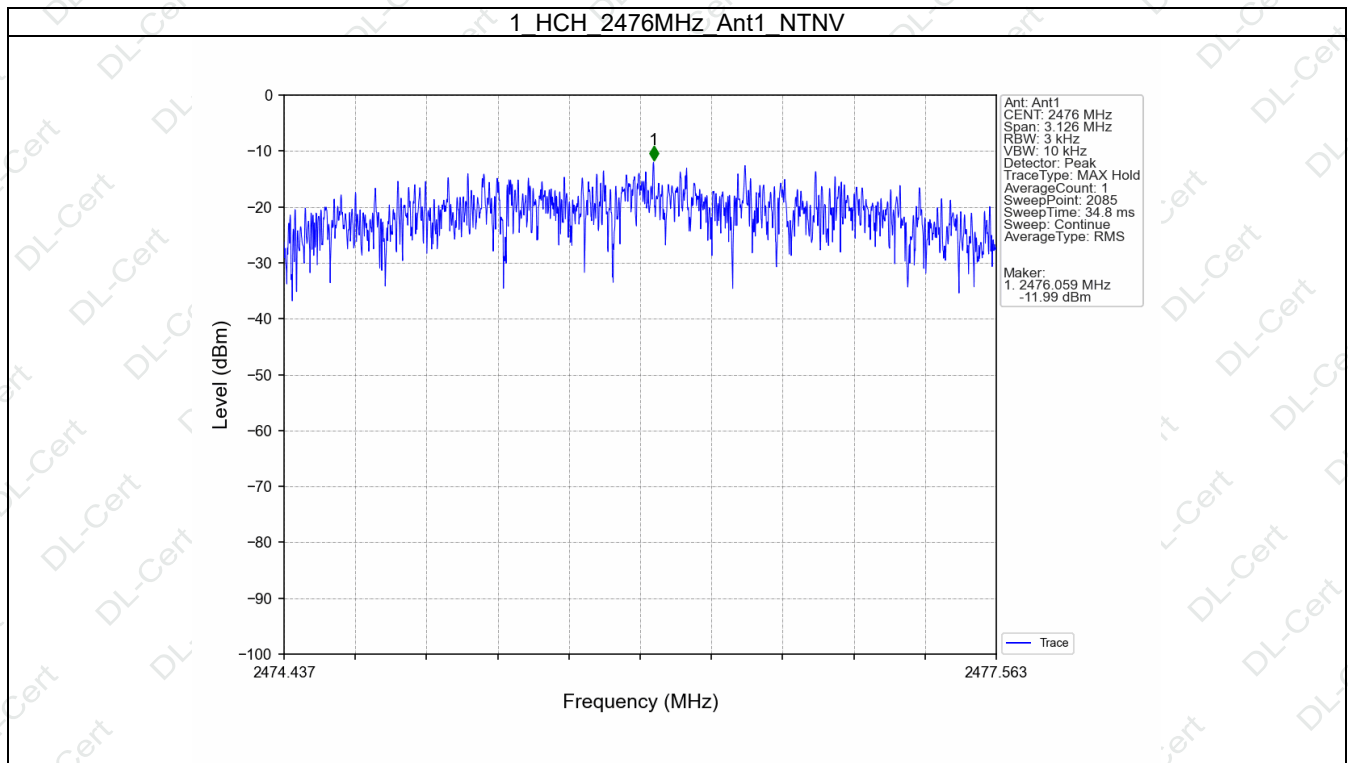
4.1.1 PSD

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/3kHz)		Verdict
			ANT1	Limit	
1	SISO	2404	-13.90	<=8	Pass
		2440	-11.84	<=8	Pass
		2476	-11.99	<=8	Pass

4.2 Test Graph

4.2.1 PSD





5. Unwanted Emissions In Non-restricted Frequency Bands

5.1 Test Result

5.1.1 Ref

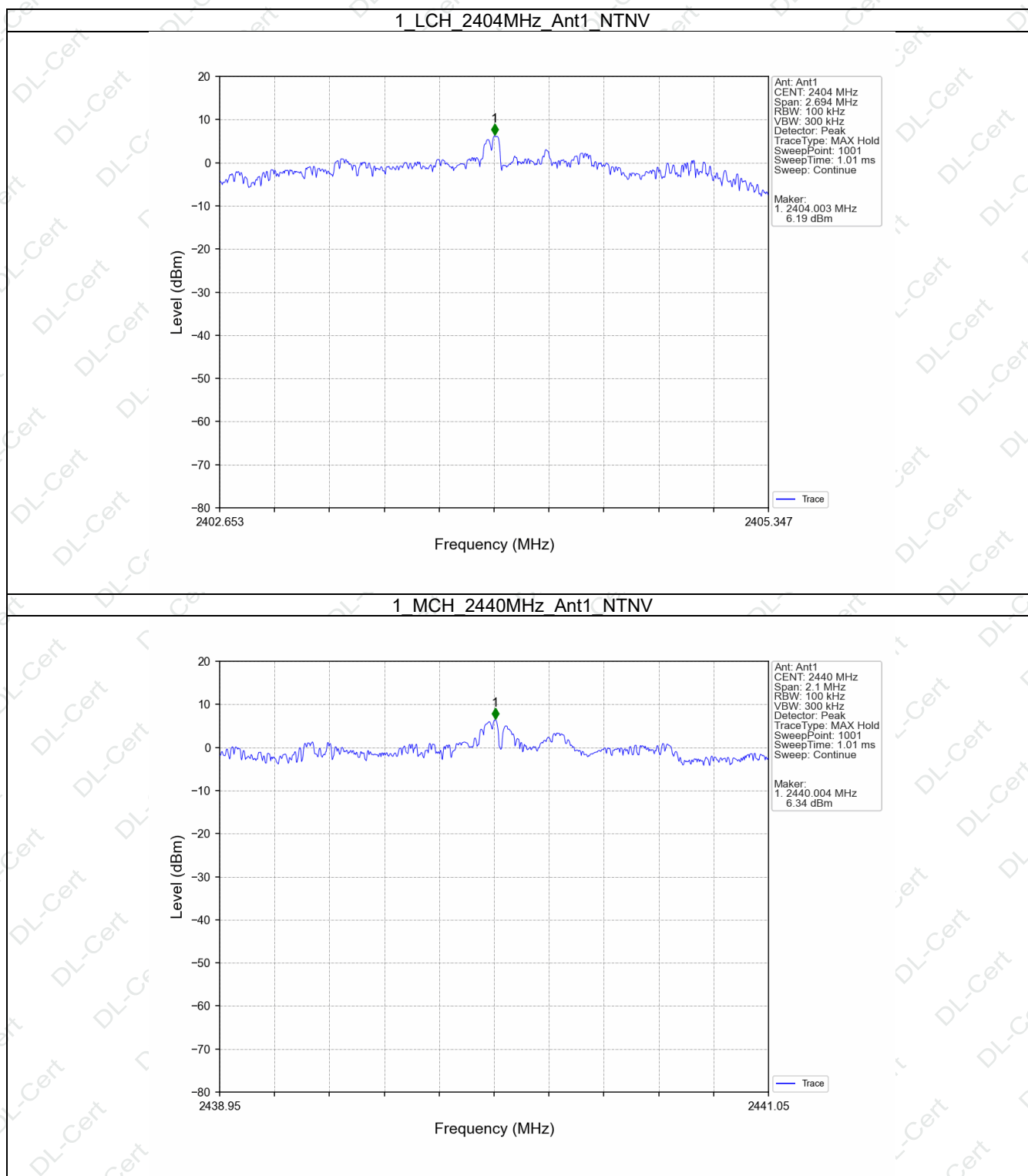
Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)
1	SISO	2404	1	6.19
		2440	1	6.34
		2476	1	6.74
Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2013, the channel contains the maximum PSD level was used to establish the reference level.				

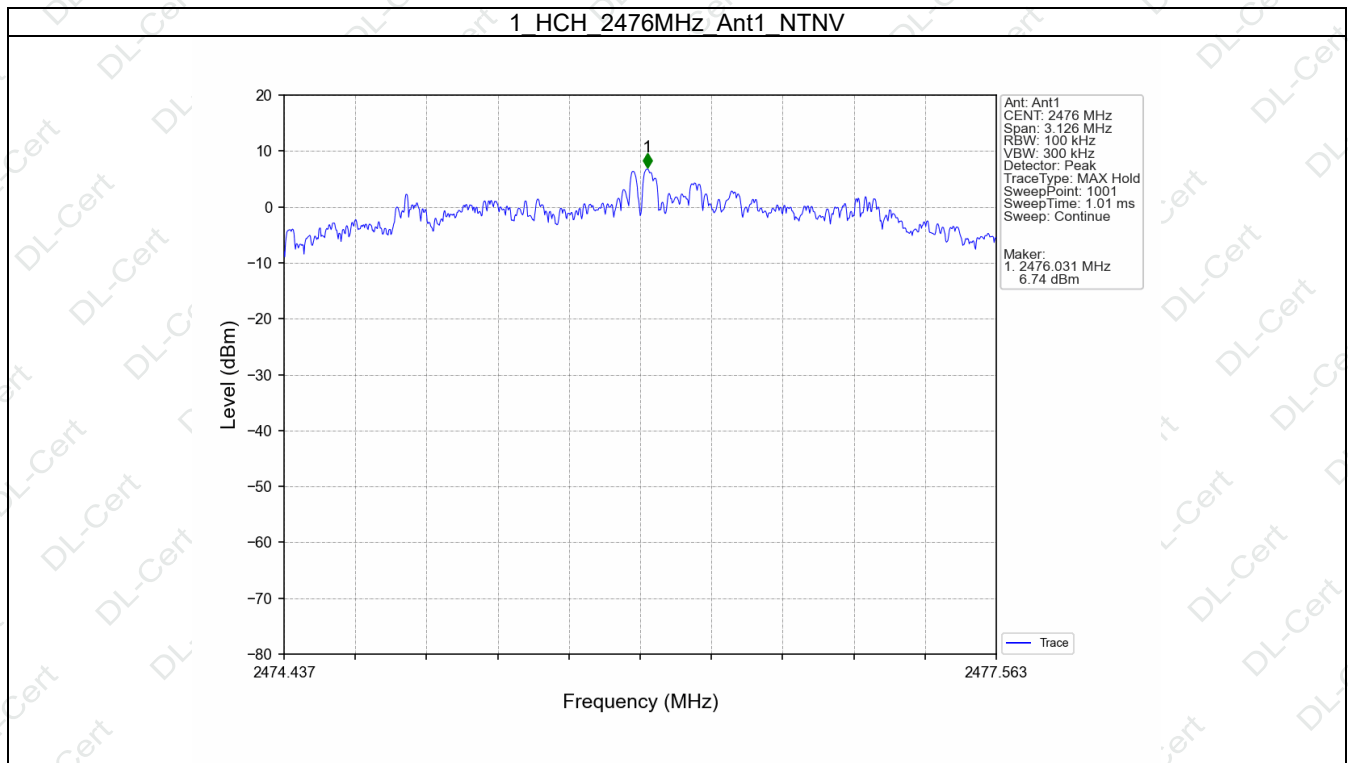
5.1.2 CSE

Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
1	SISO	2404	1	6.19	-13.81	Pass
		2440	1	6.34	-13.66	Pass
		2476	1	6.74	-13.26	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.						

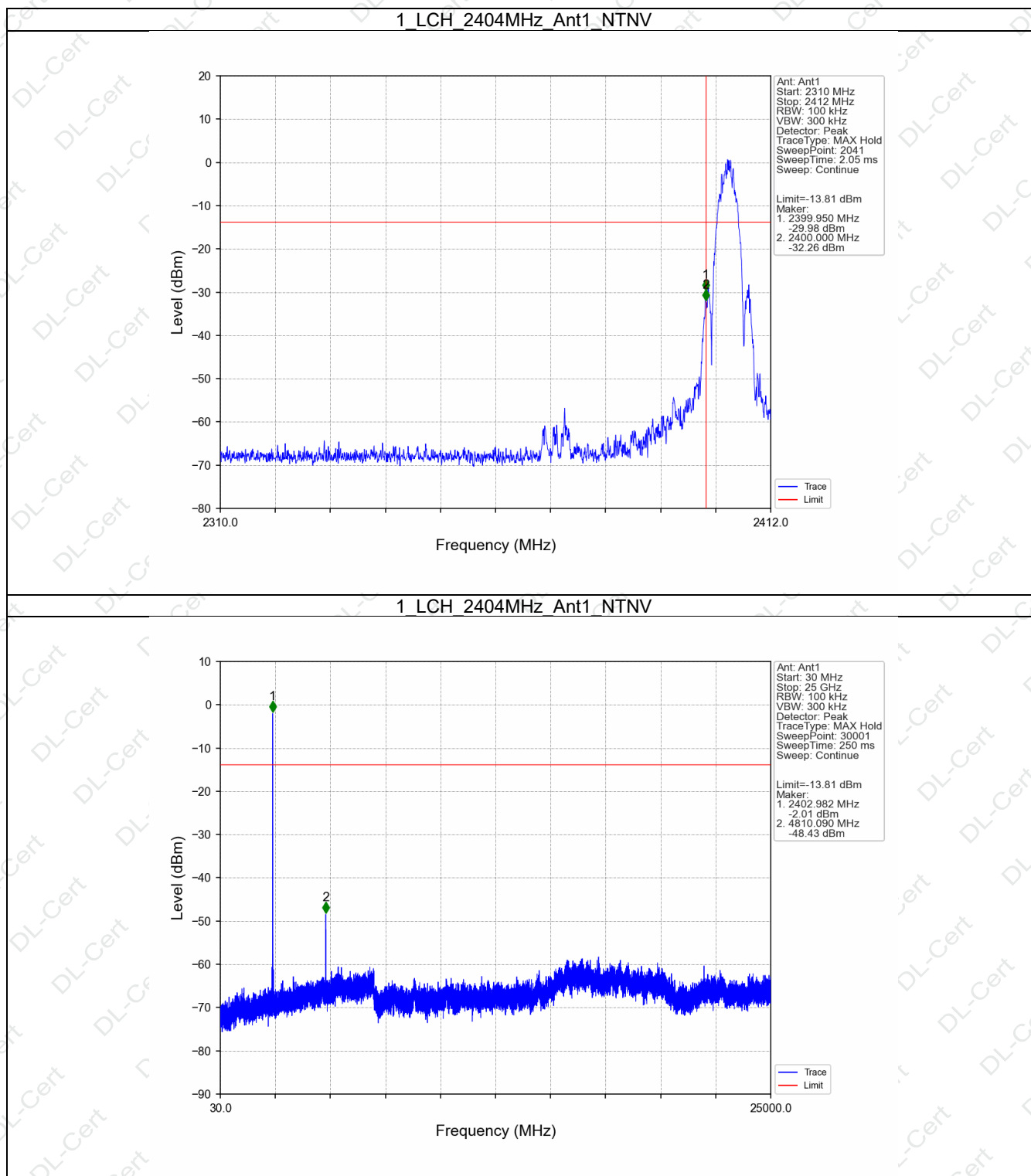
5.2 Test Graph

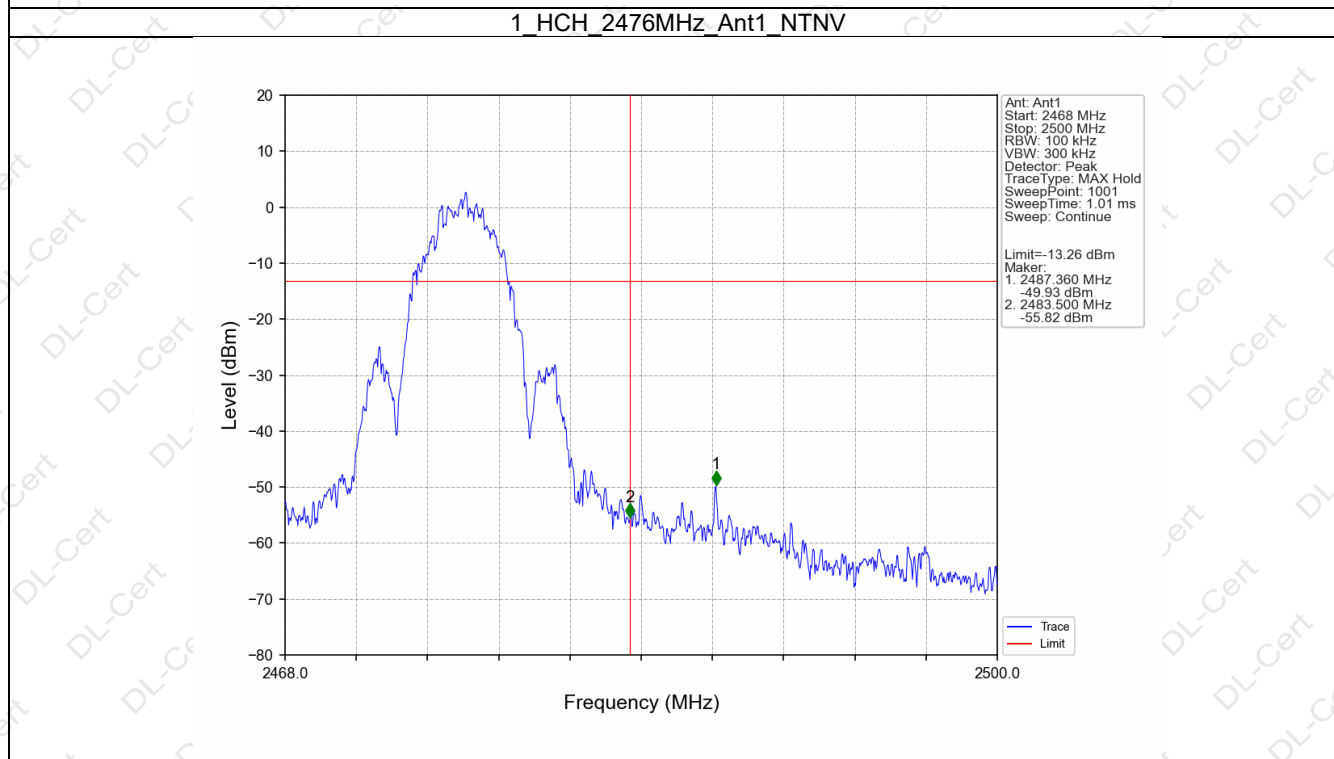
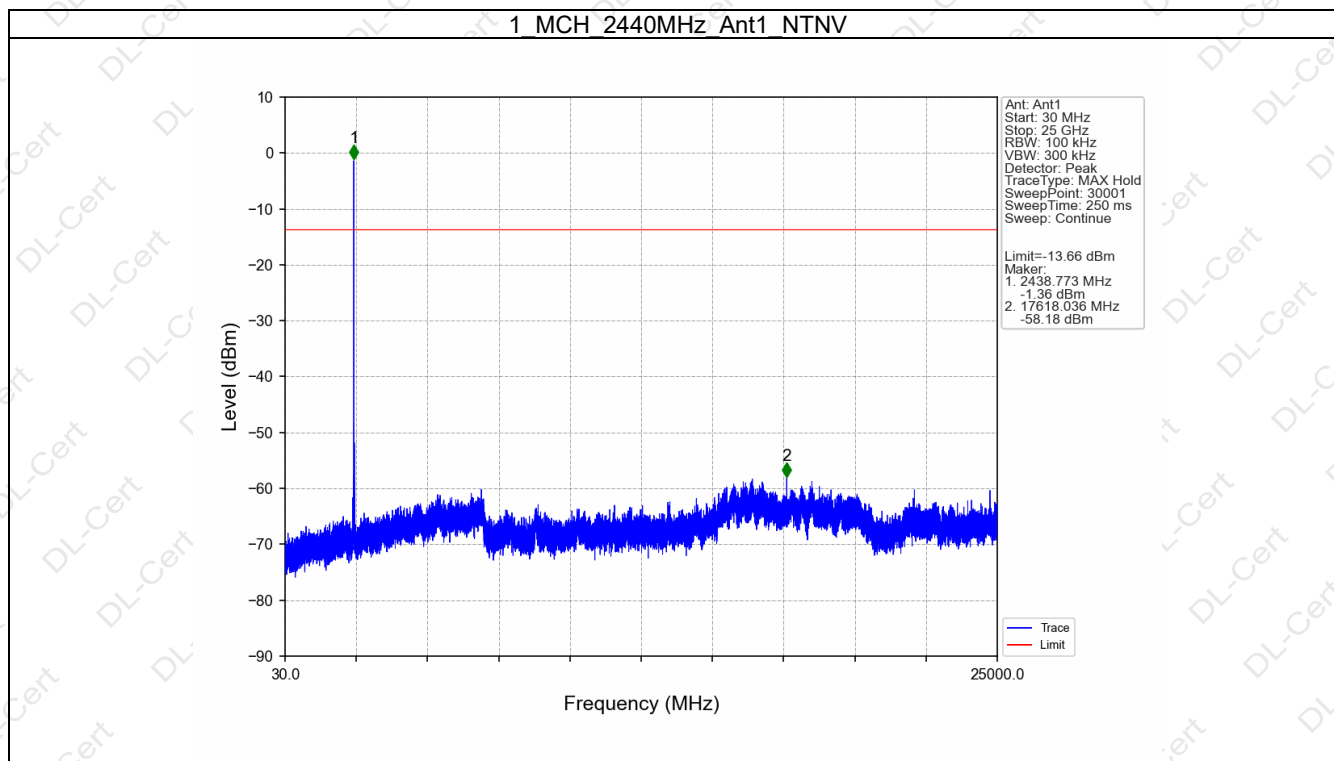
5.2.1 Ref





5.2.2 CSE





1 HCH 2476MHz Ant1 NTV

