



Shenzhen CTL Testing Technology Co., Ltd.

Tel: +86-755-89486194 E-mail: ctl@ctl-lab.com

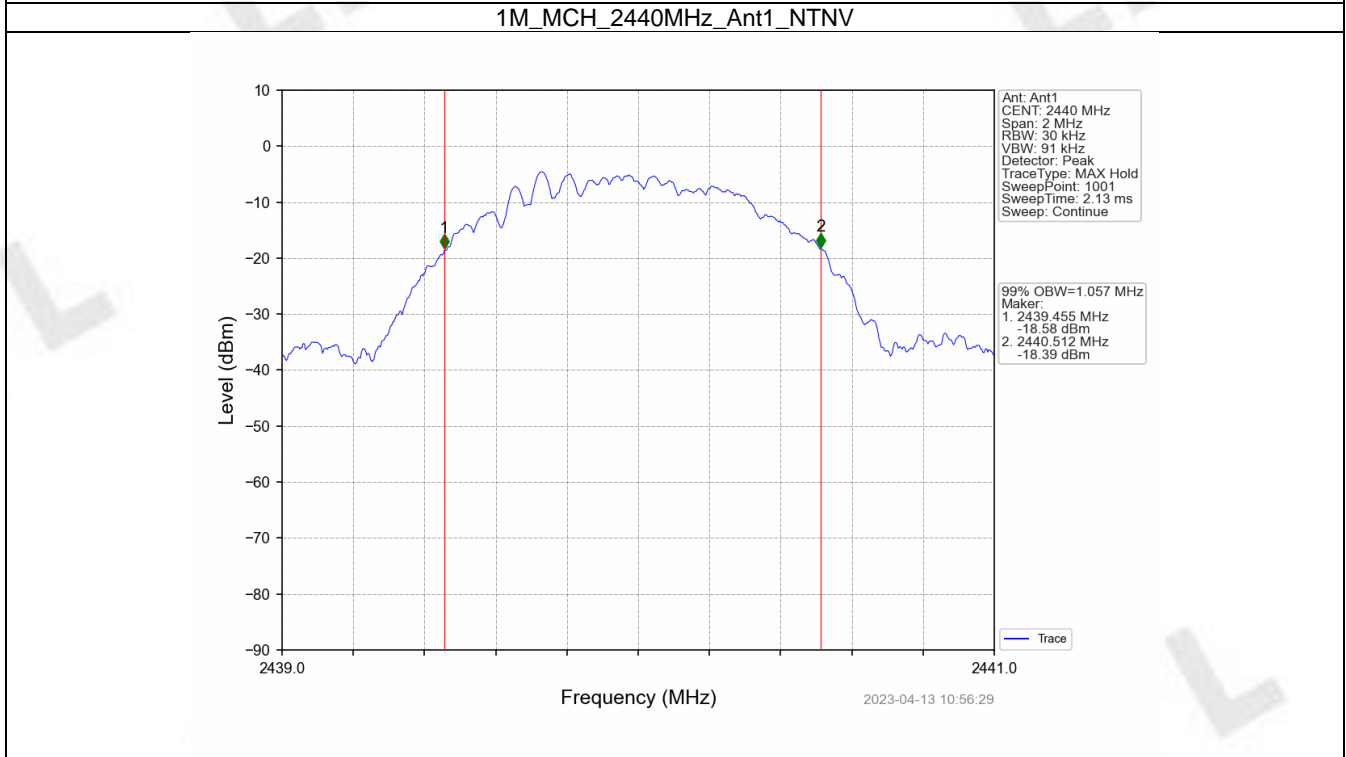
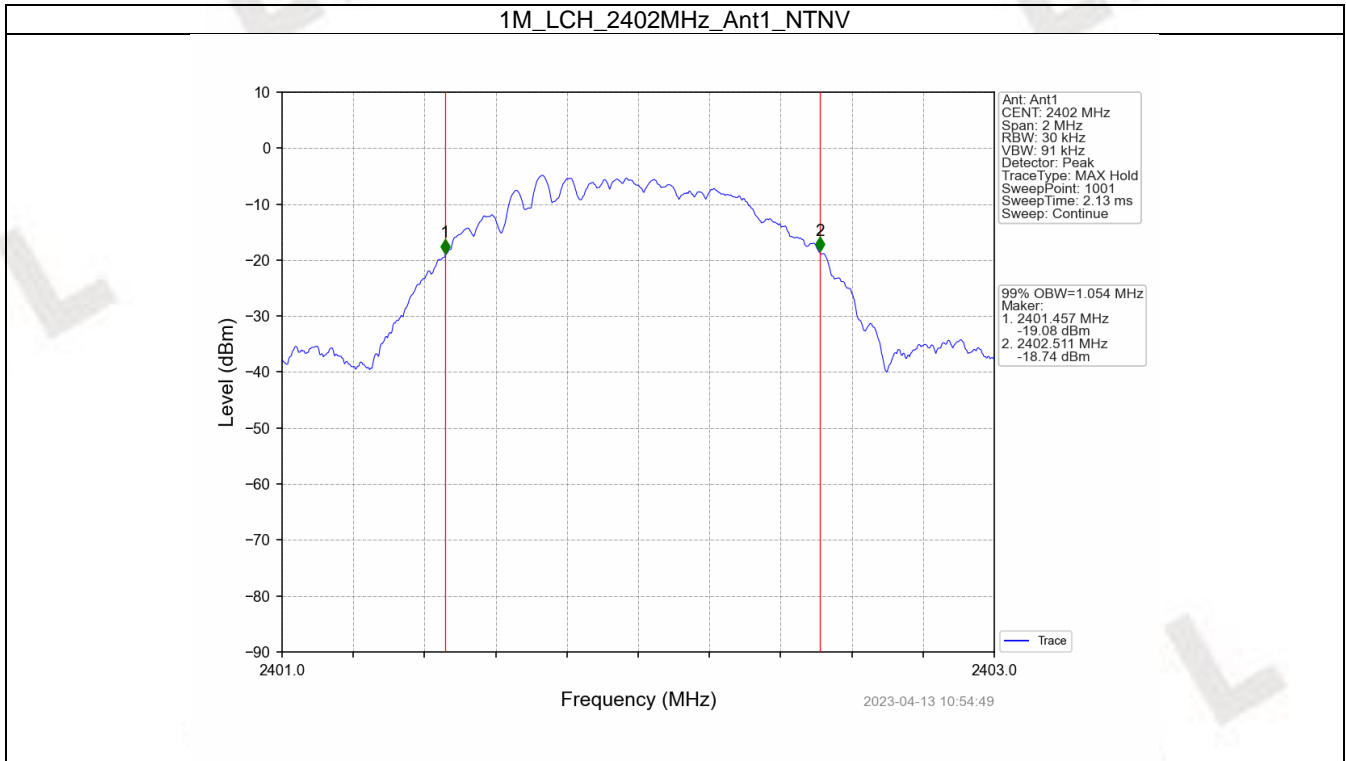
1. Bandwidth

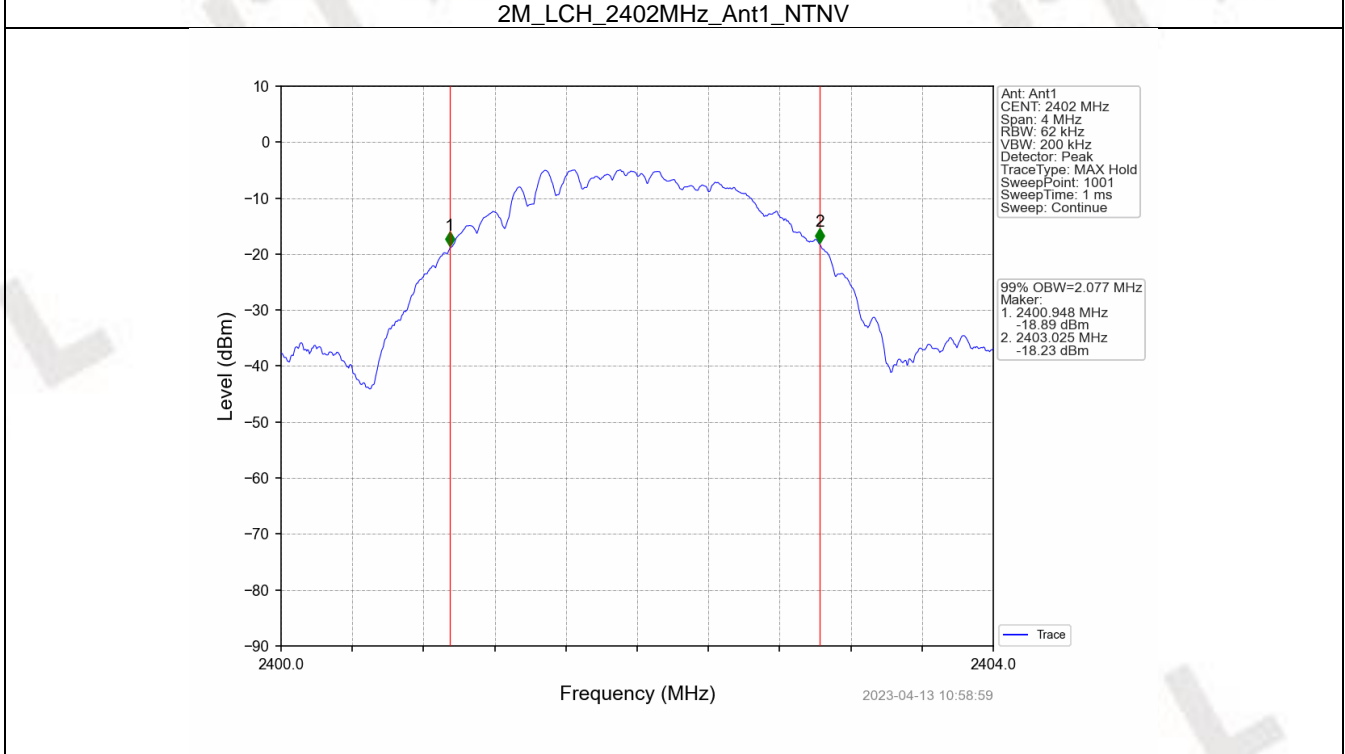
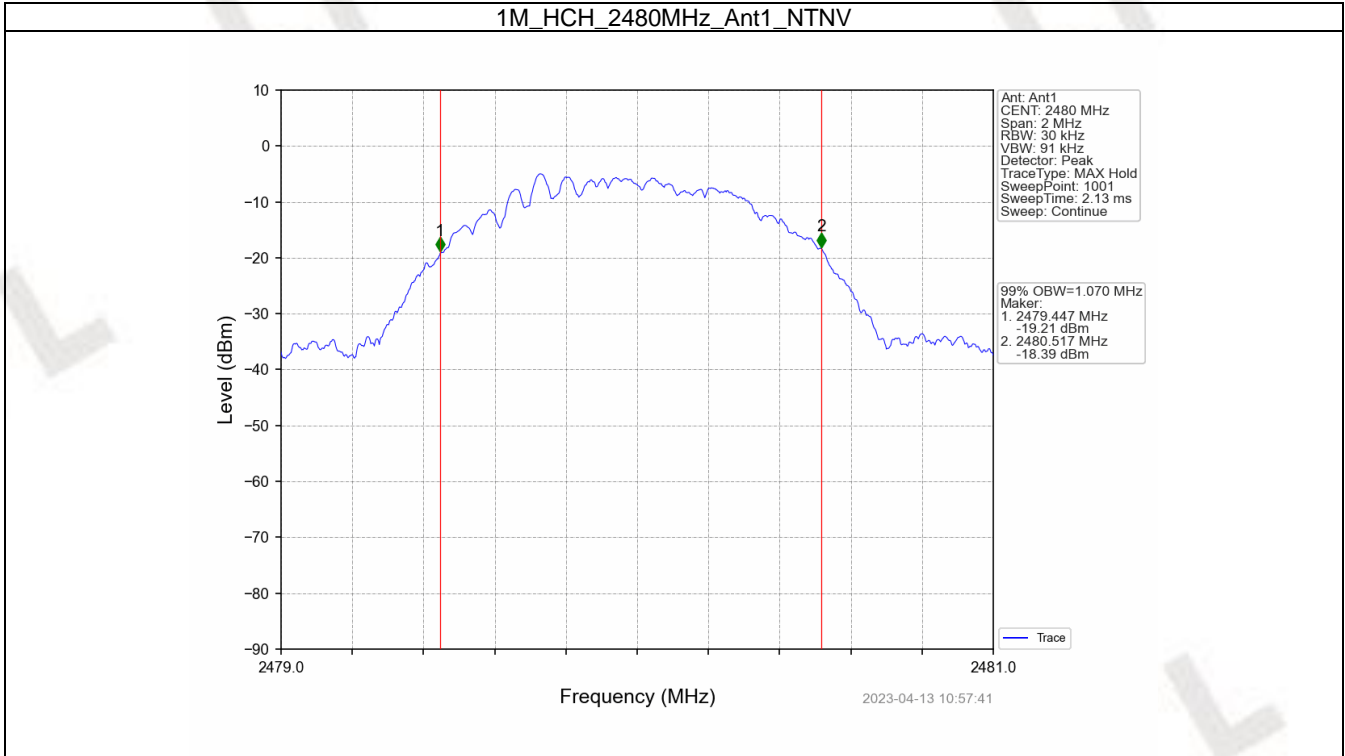
1.1 OBW

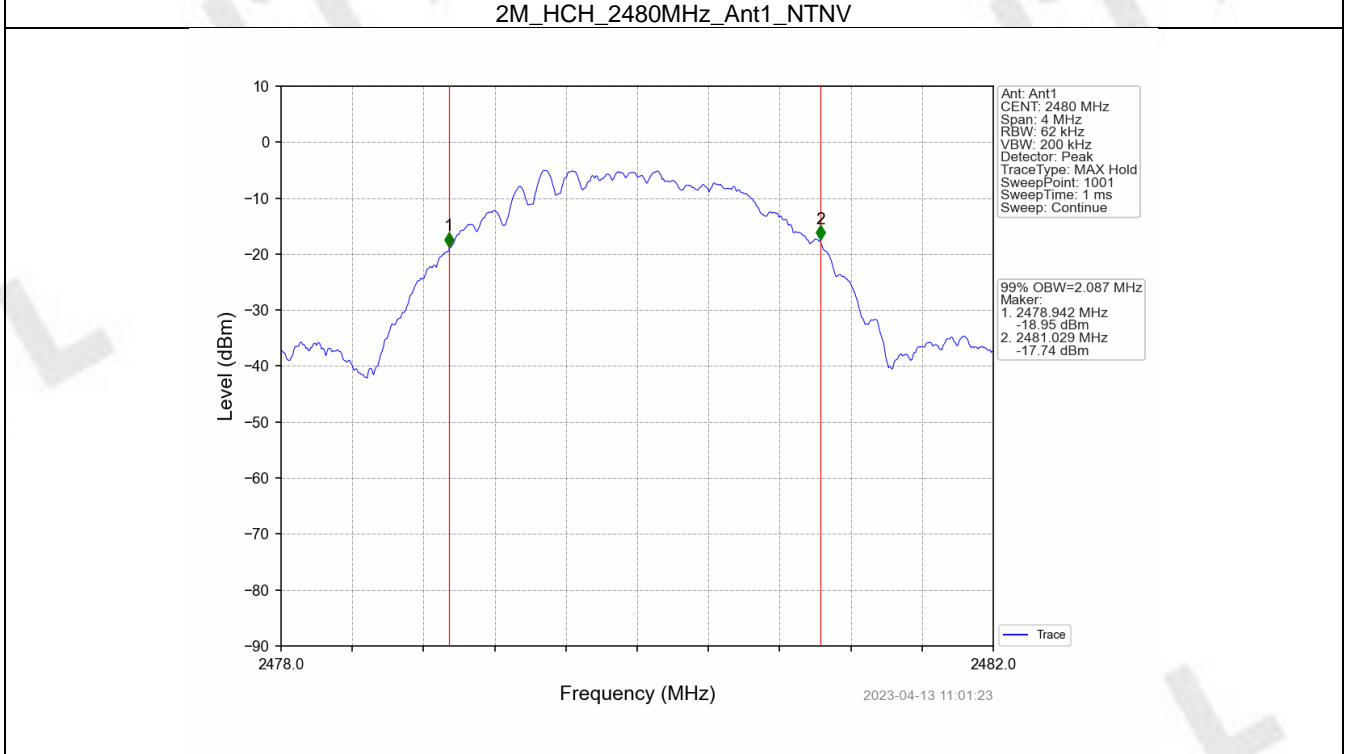
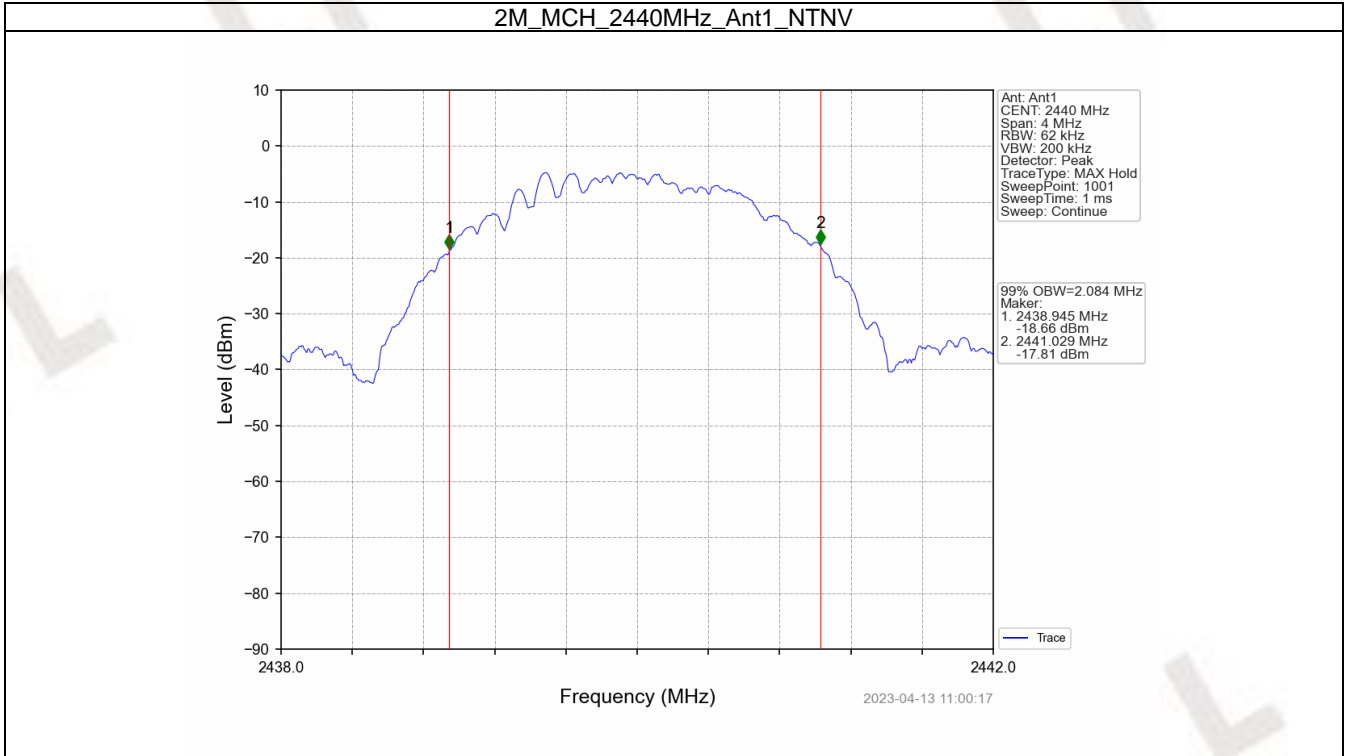
1.1.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	99% Occupied Bandwidth (MHz)	Verdict
				Result	
1M	SISO	2402	1	1.054	Pass
		2440	1	1.057	Pass
		2480	1	1.070	Pass
2M	SISO	2402	1	2.077	Pass
		2440	1	2.084	Pass
		2480	1	2.087	Pass

1.1.2 Test Graph





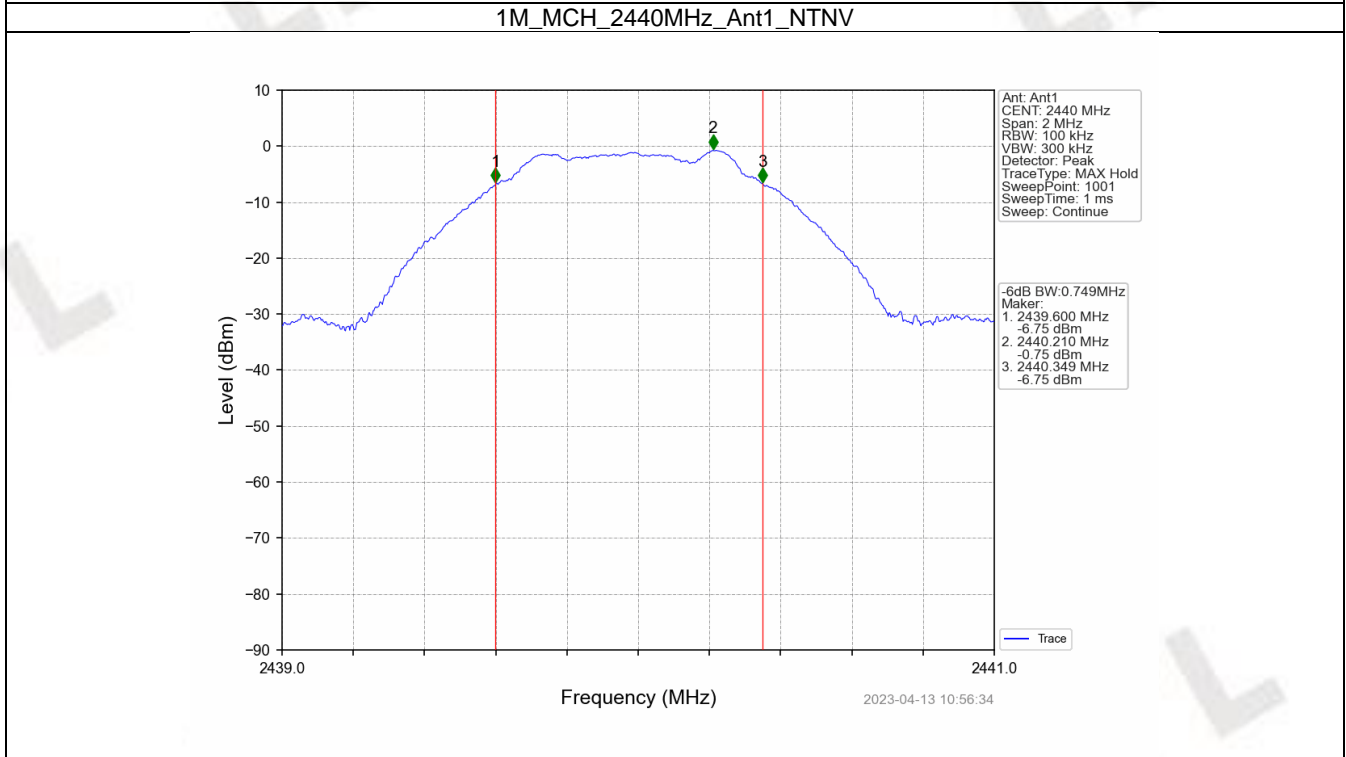
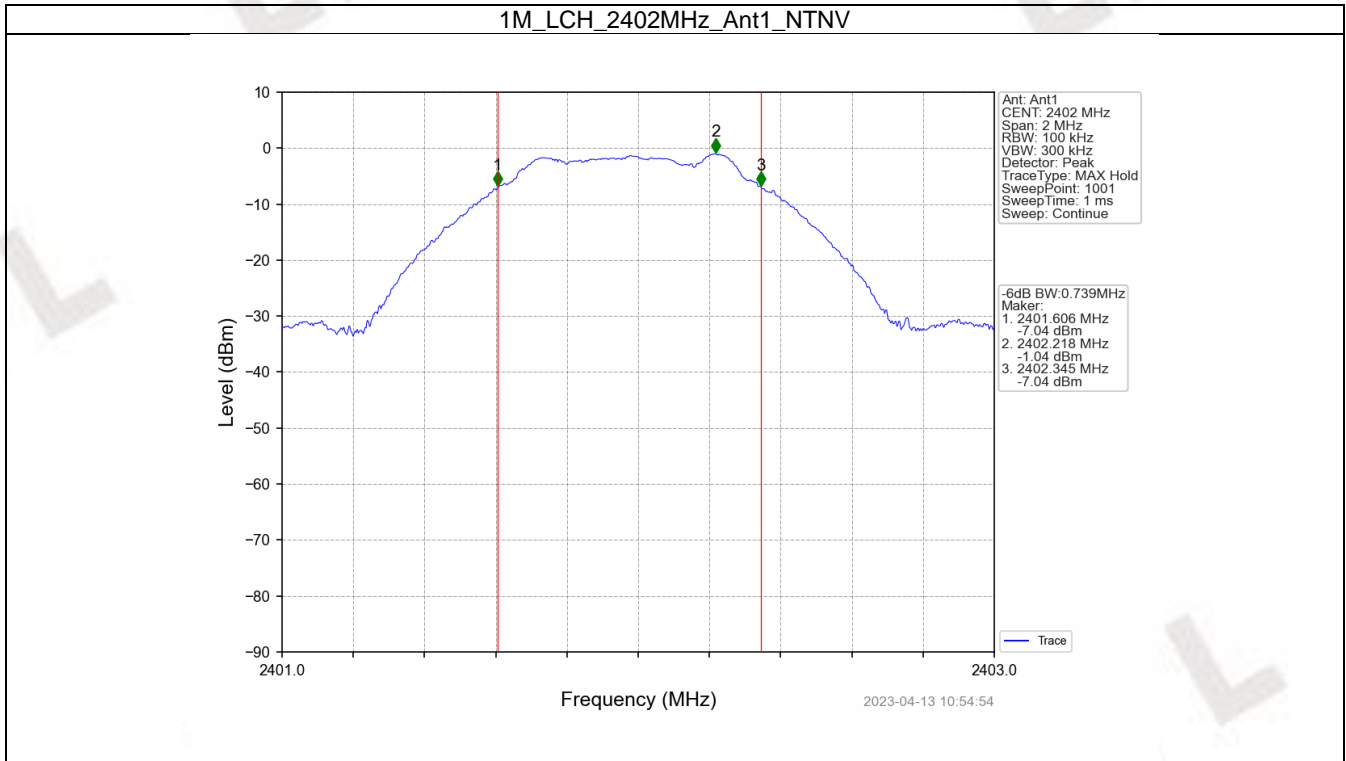


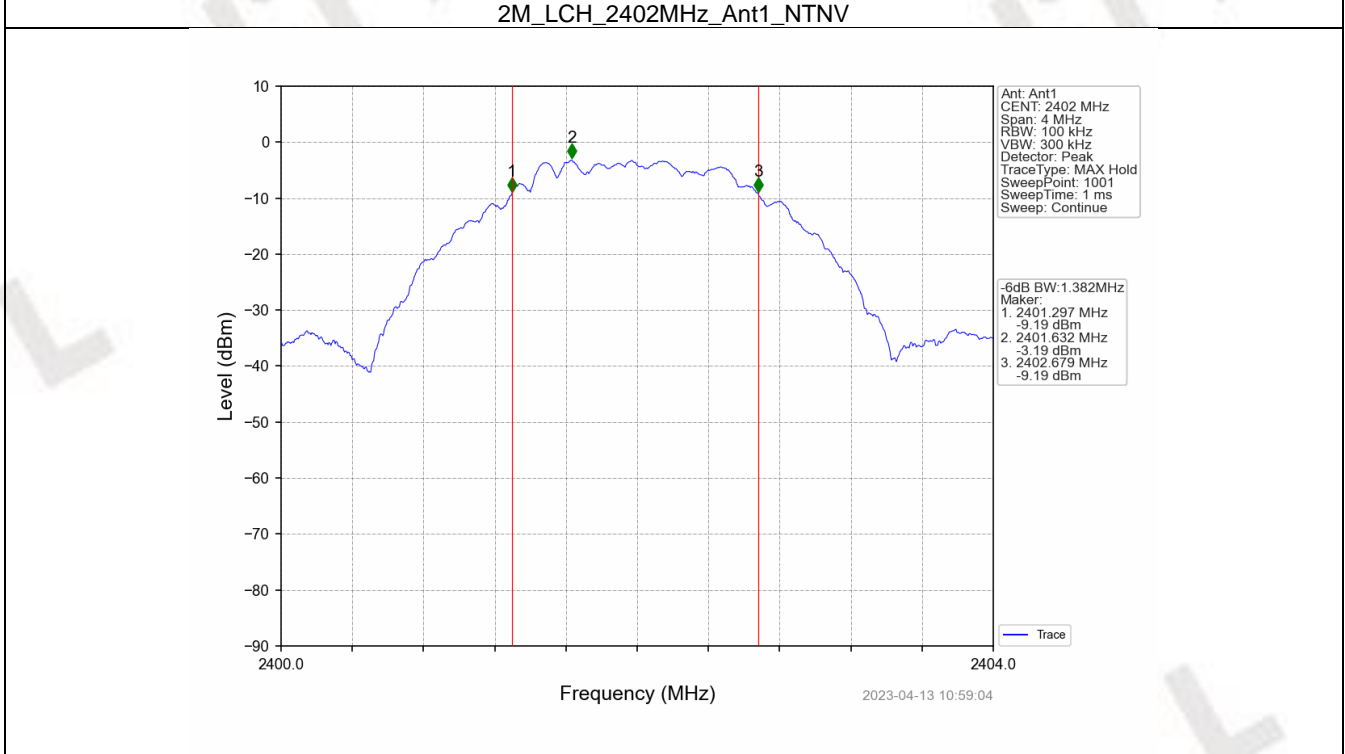
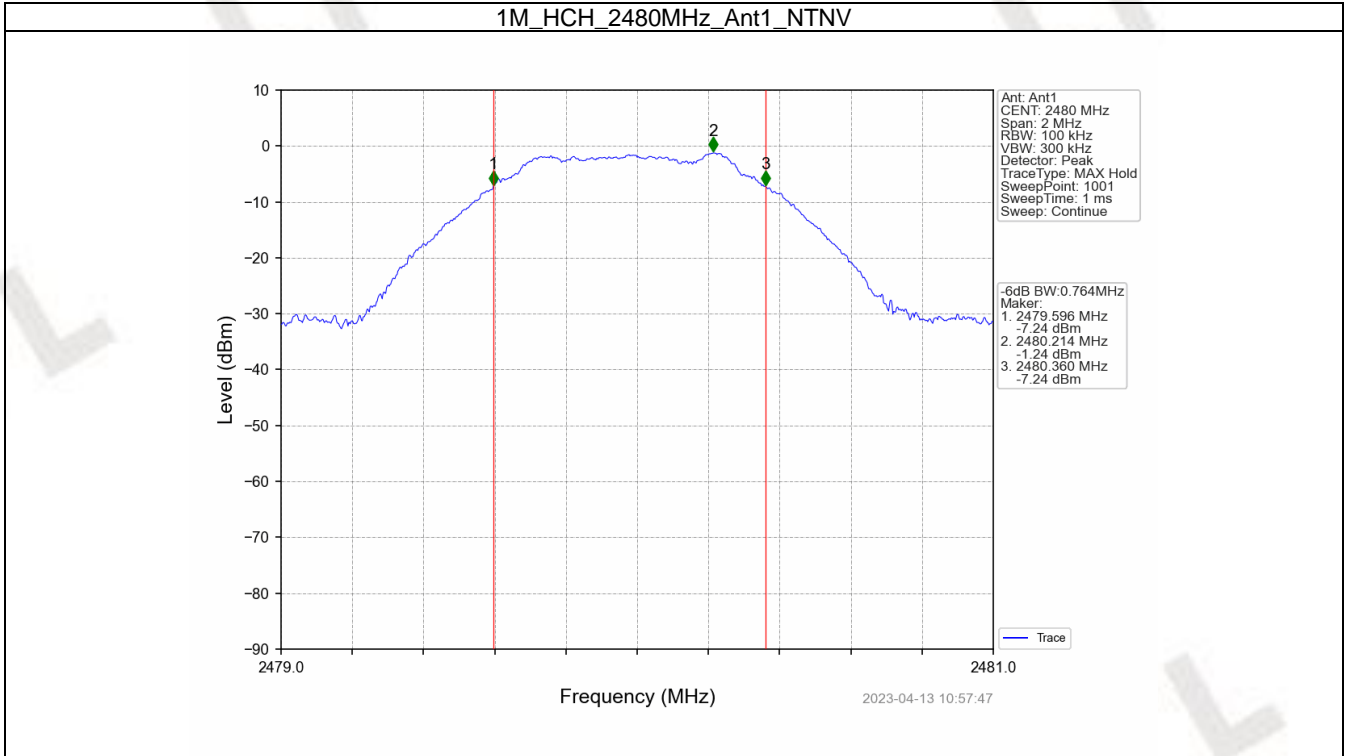
1.2 6dB BW

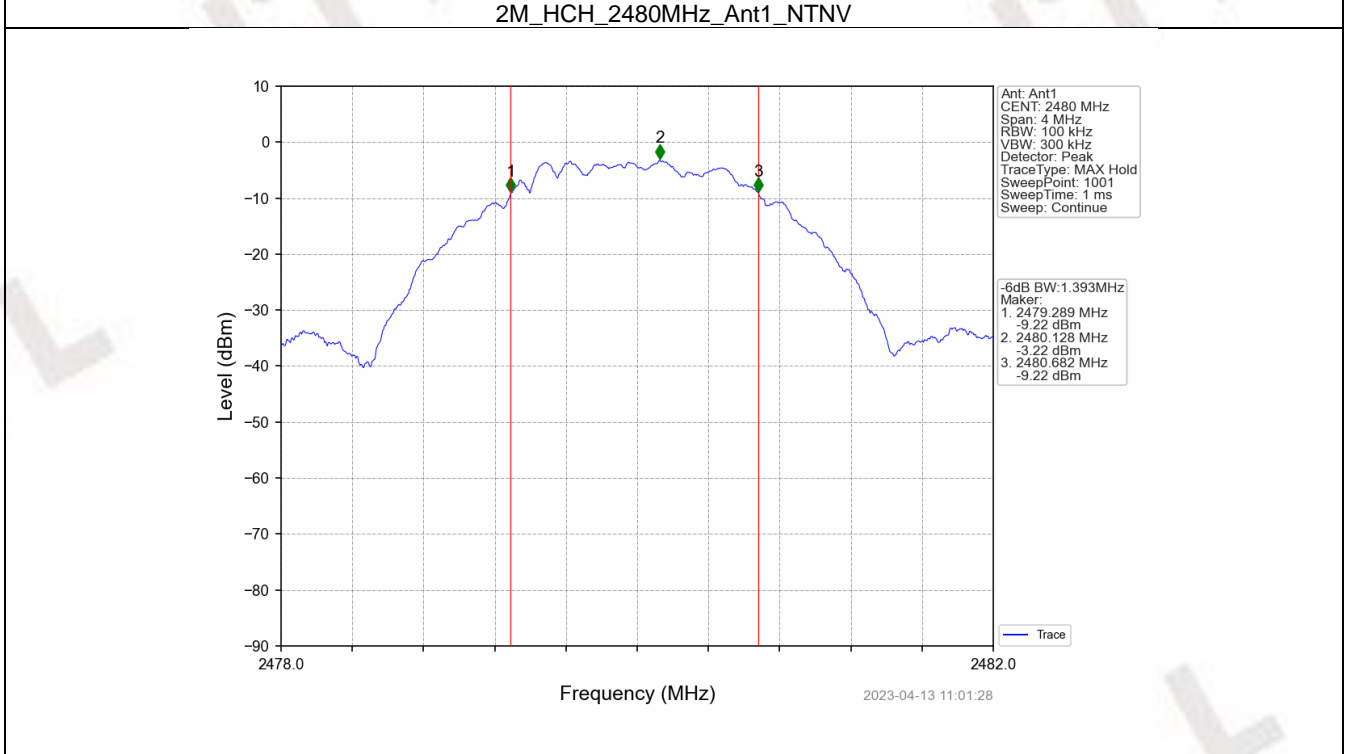
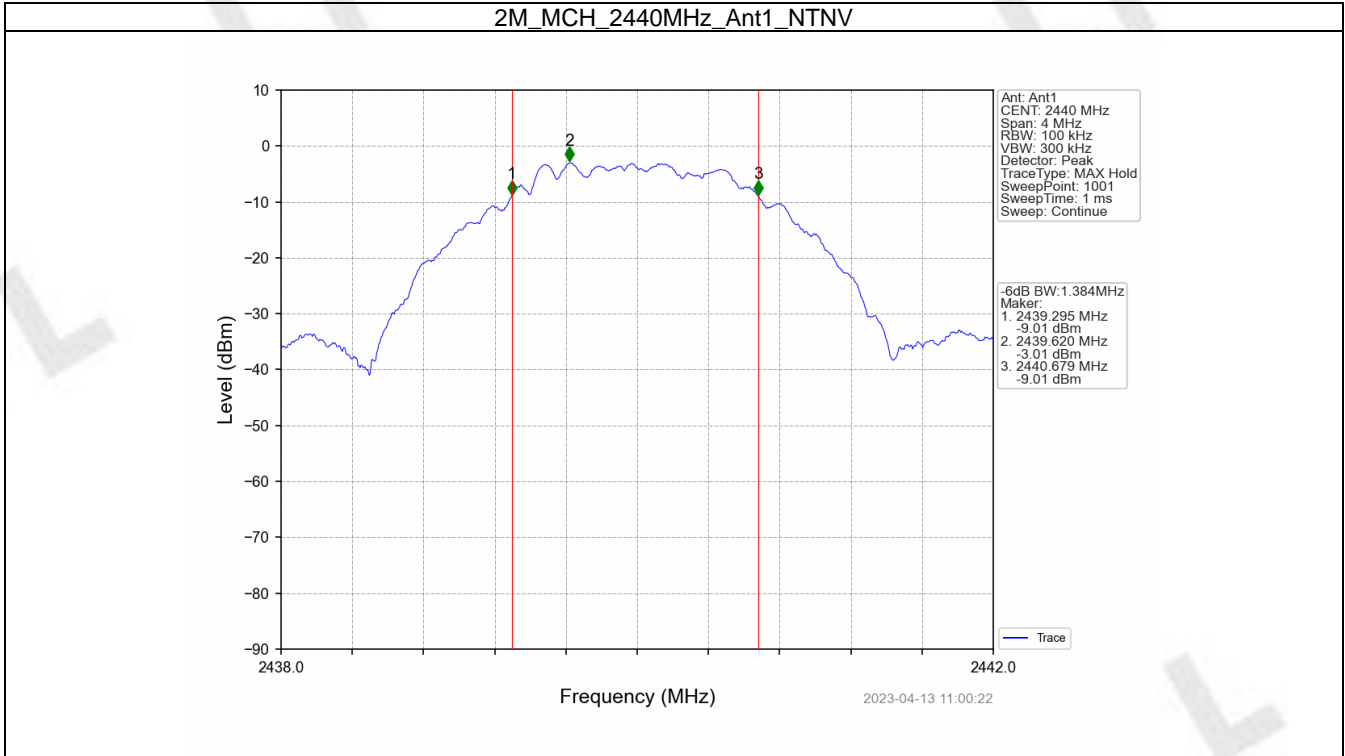
1.2.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
1M	SISO	2402	1	0.739	≥ 0.5	Pass
		2440	1	0.749	≥ 0.5	Pass
		2480	1	0.764	≥ 0.5	Pass
2M	SISO	2402	1	1.382	≥ 0.5	Pass
		2440	1	1.384	≥ 0.5	Pass
		2480	1	1.393	≥ 0.5	Pass

1.2.2 Test Graph







2. Maximum Conducted Output Power

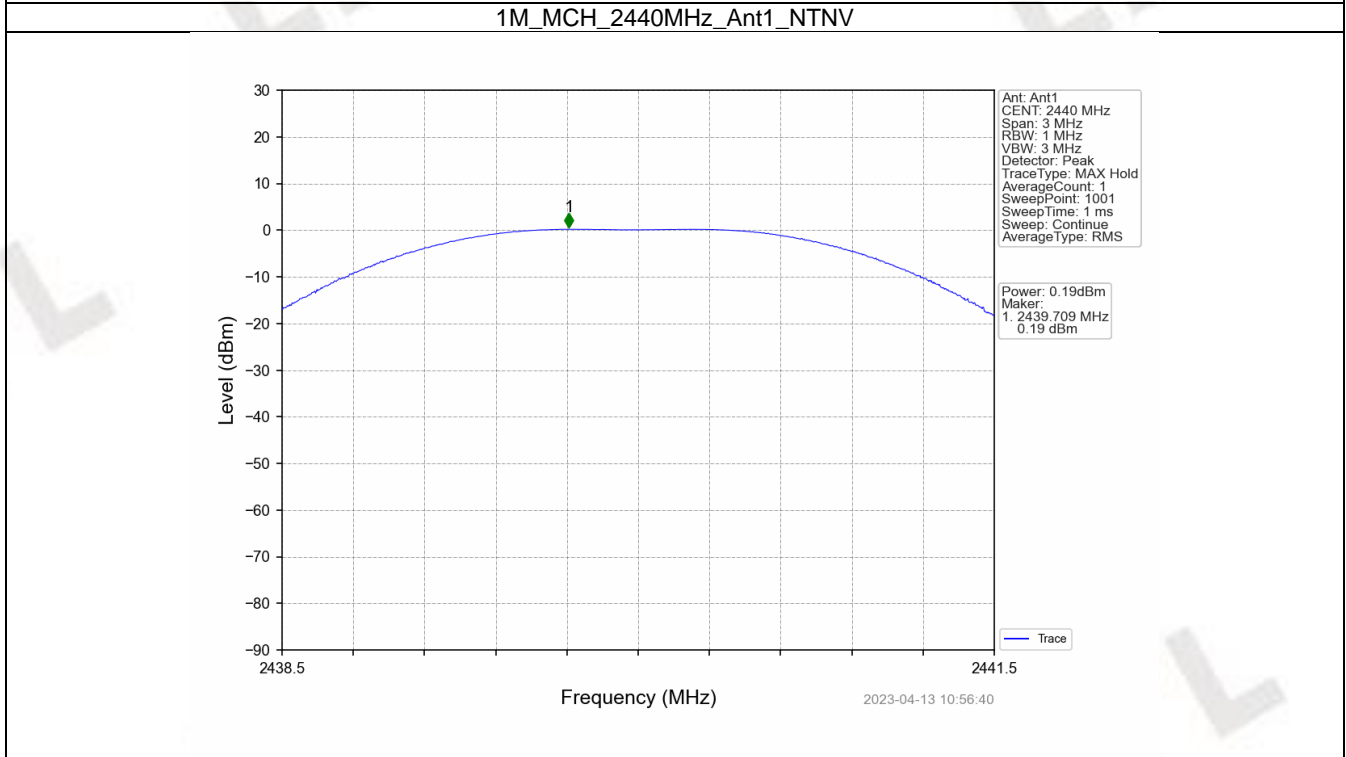
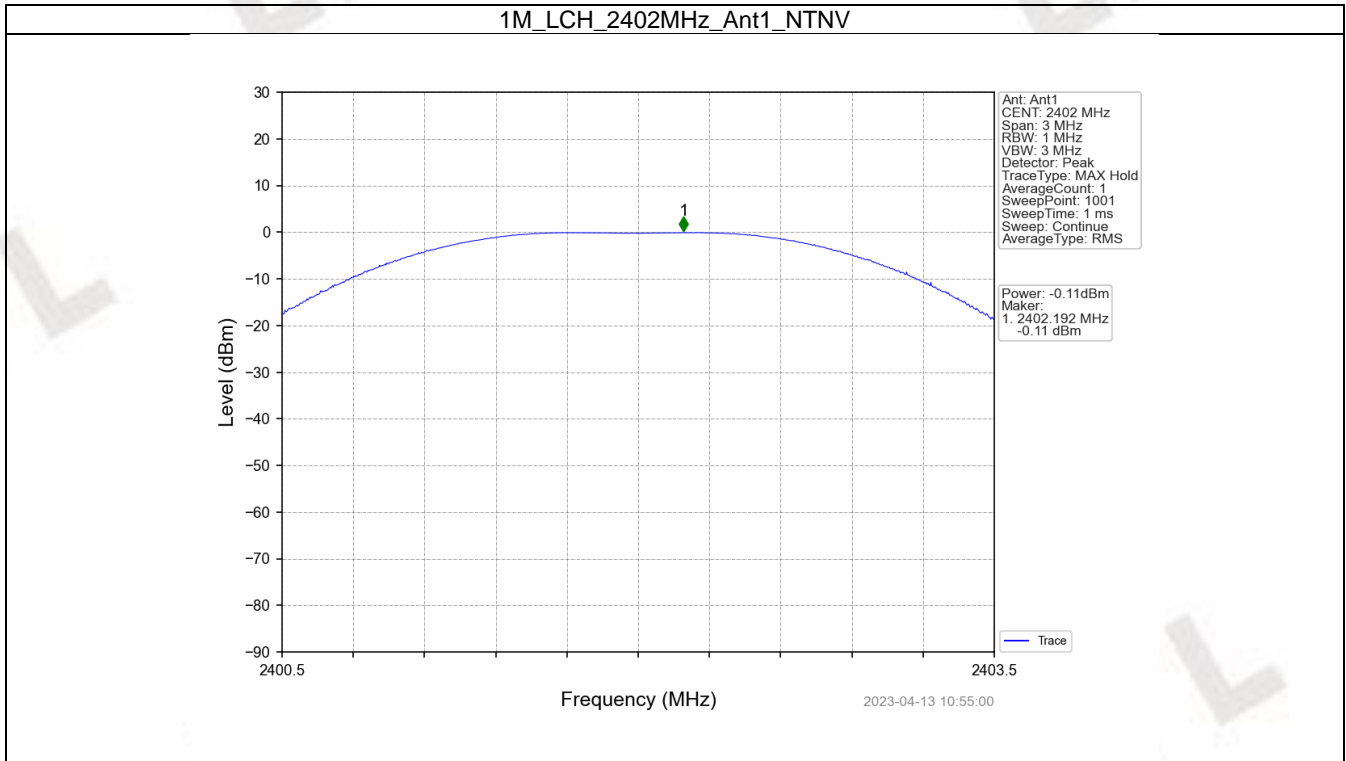
2.1 Power

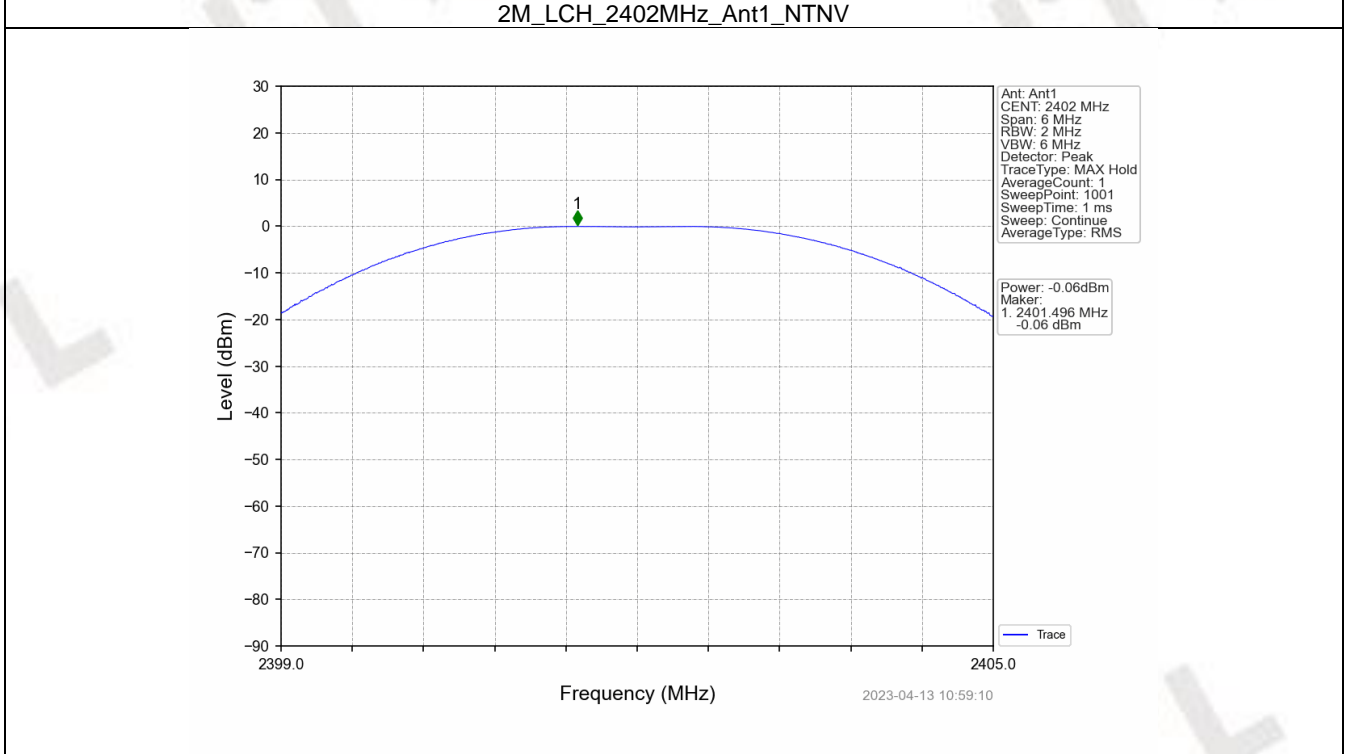
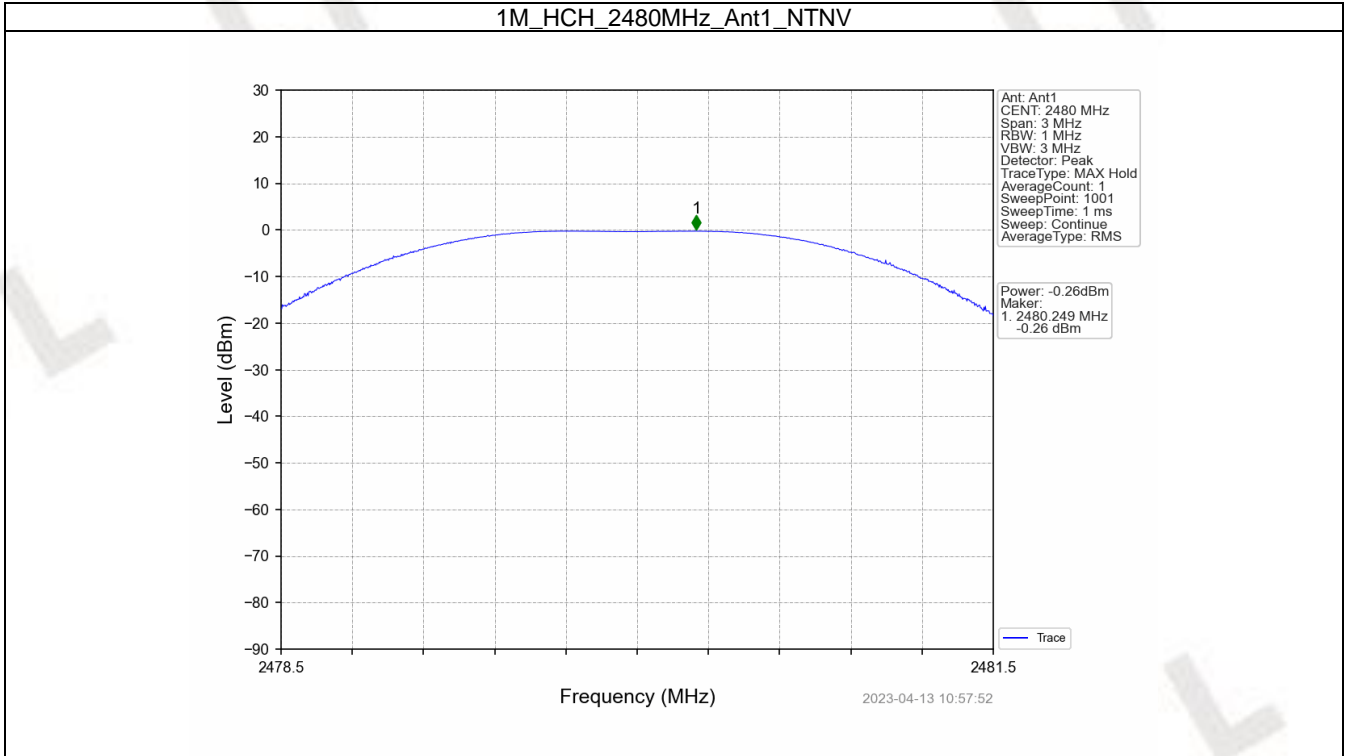
2.1.1 Test Result

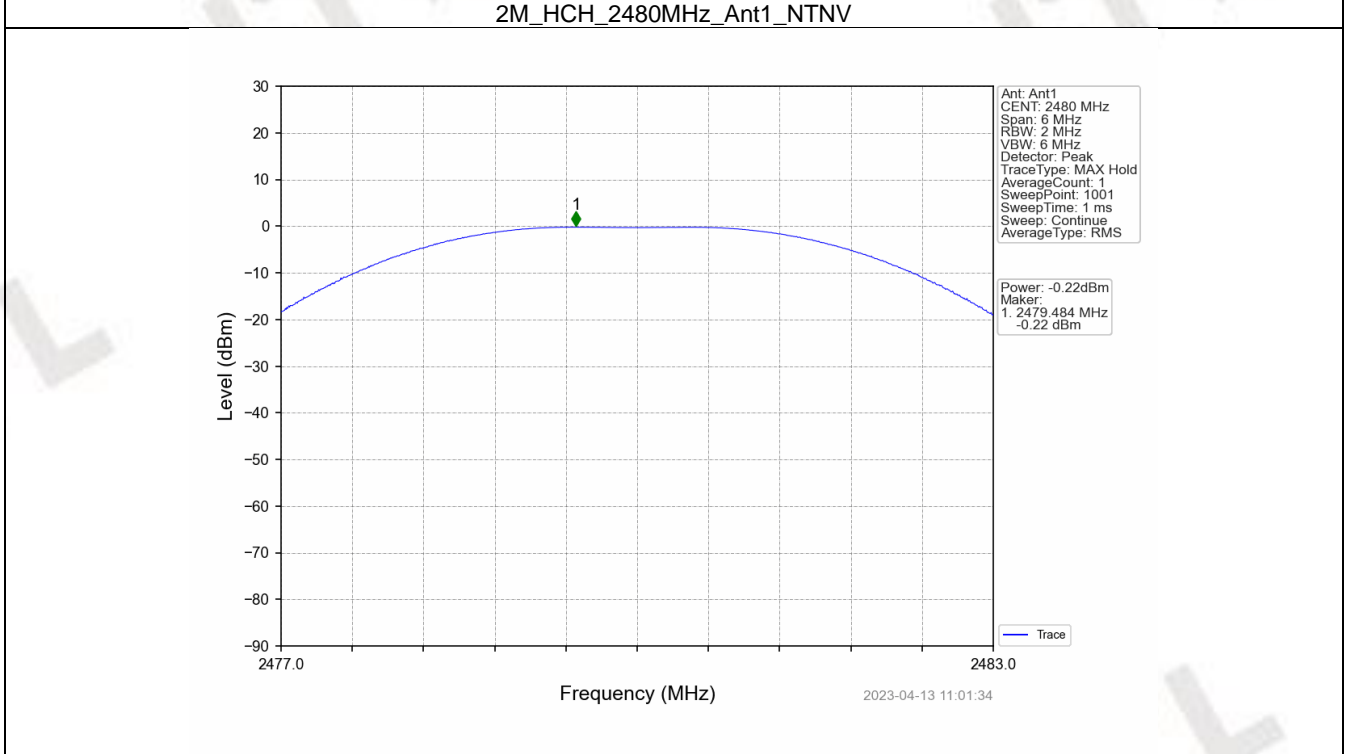
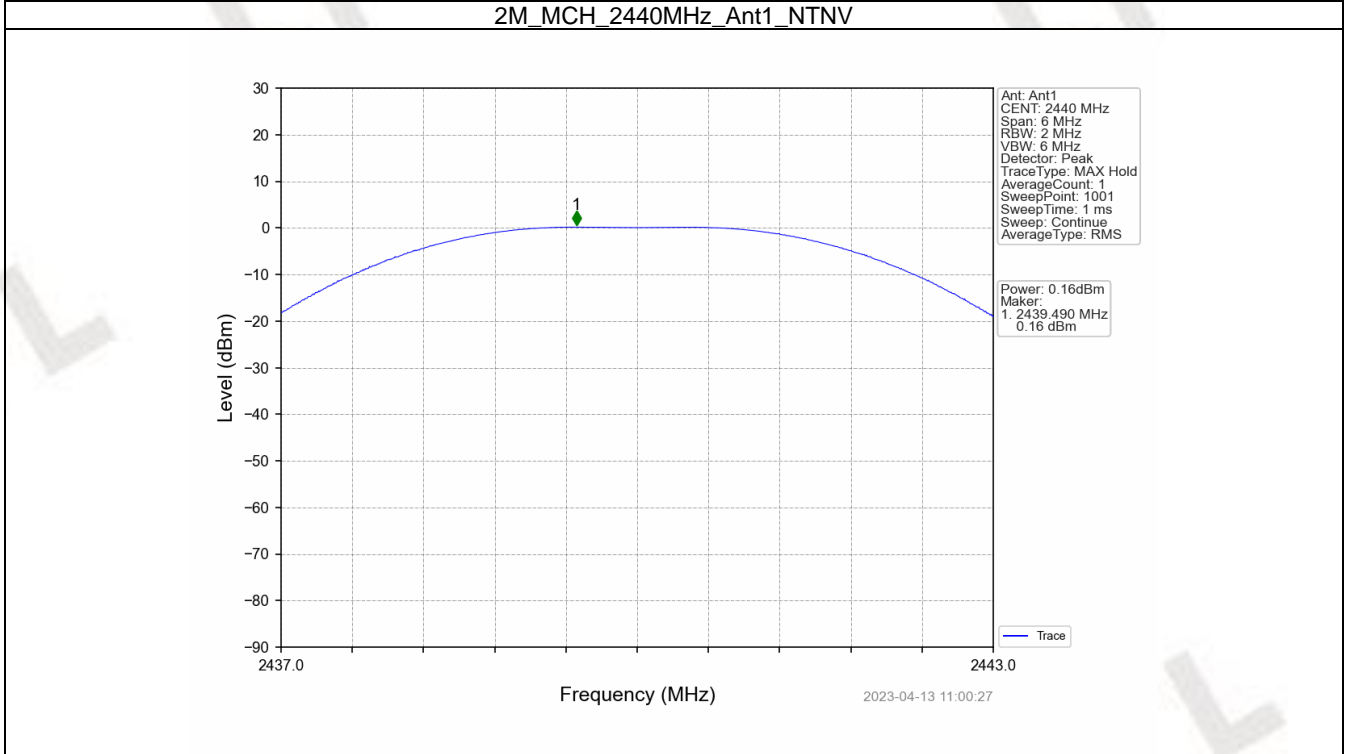
Mode	TX Type	Frequency (MHz)	Maximum Peak Conducted Output Power (dBm)		Verdict
			ANT1	Limit	
1M	SISO	2402	-0.11	<=30	Pass
		2440	0.19	<=30	Pass
		2480	-0.26	<=30	Pass
2M	SISO	2402	-0.06	<=30	Pass
		2440	0.16	<=30	Pass
		2480	-0.22	<=30	Pass

Note1: Antenna Gain: Ant1: 2.00dBi;

2.1.2 Test Graph







3. Maximum Power Spectral Density

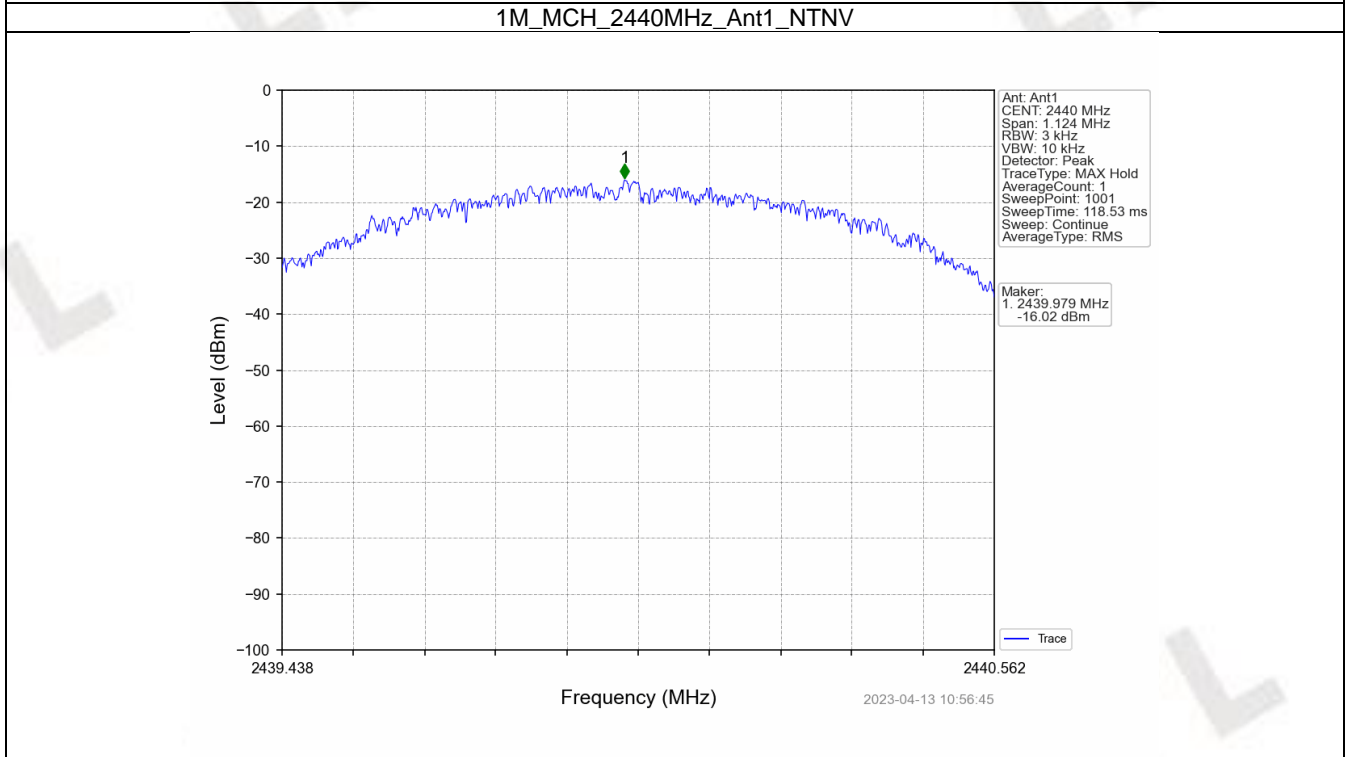
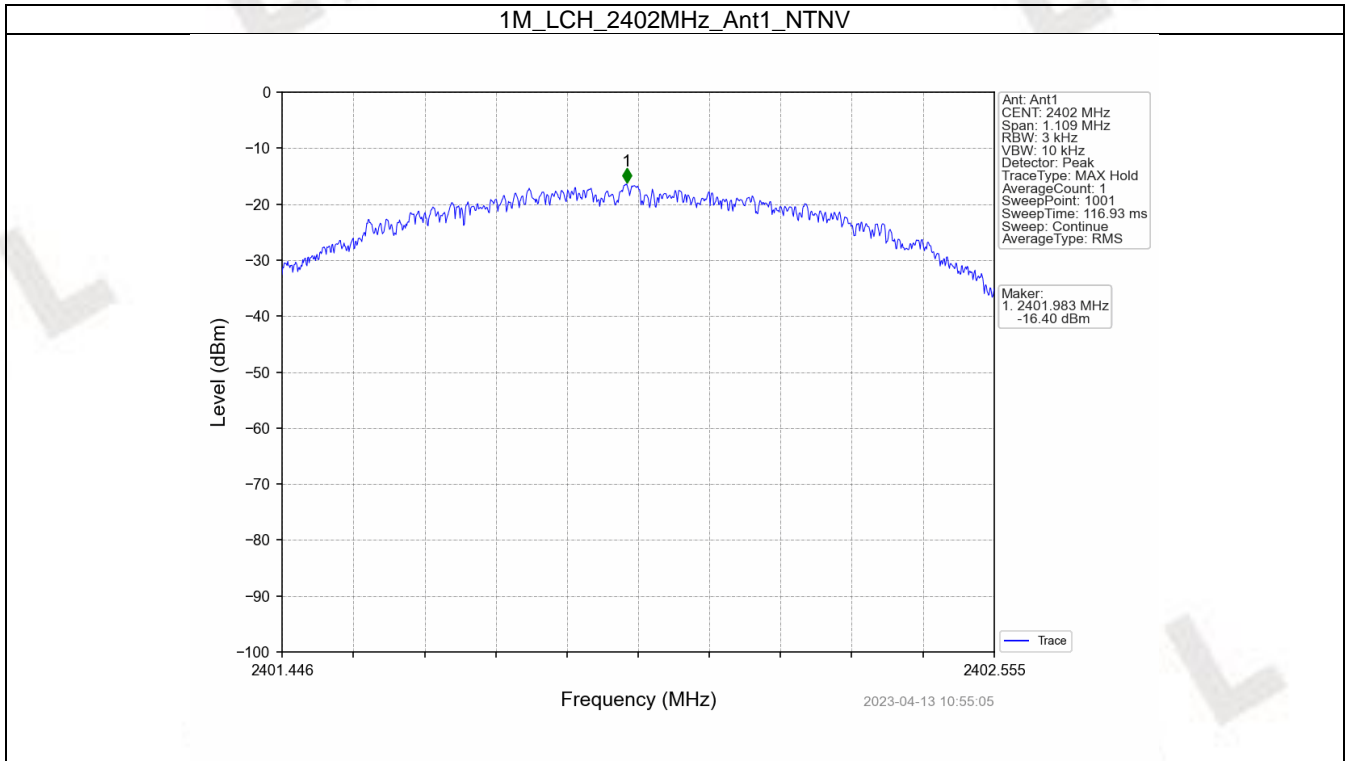
3.1 PSD

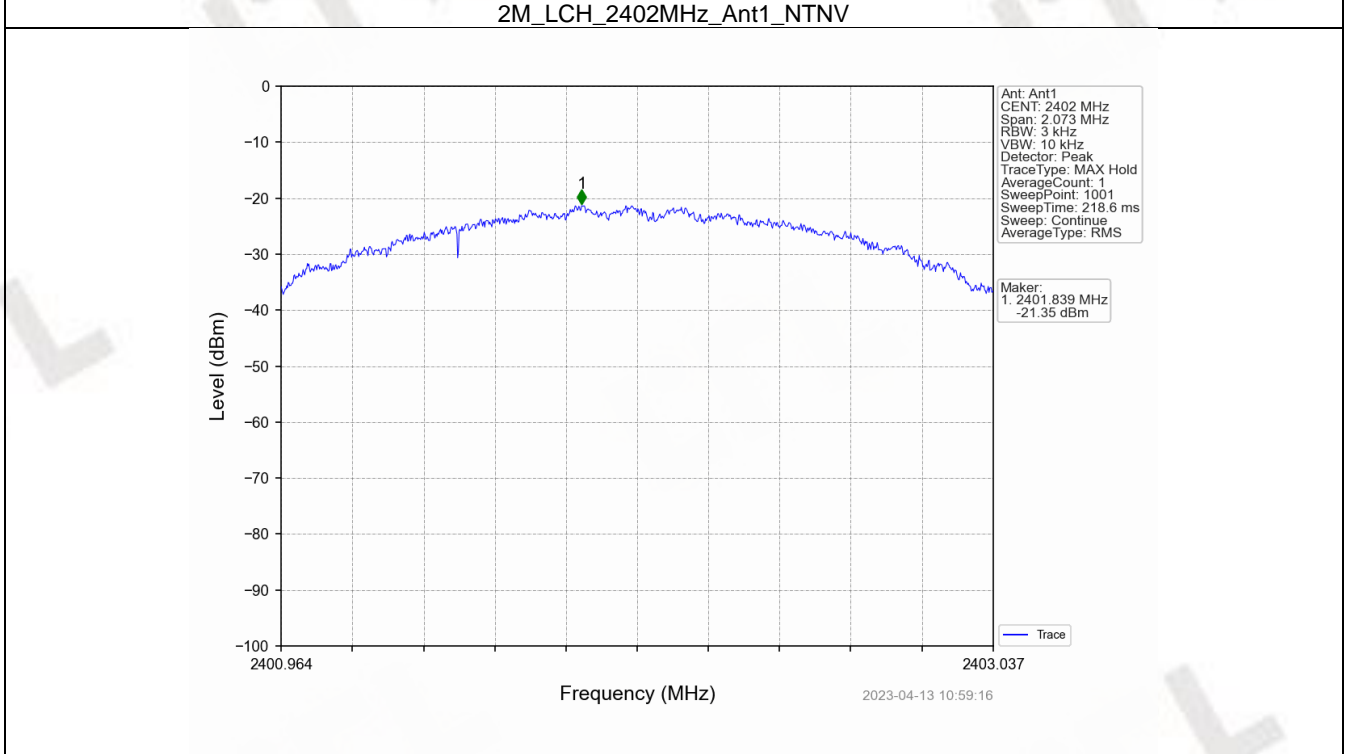
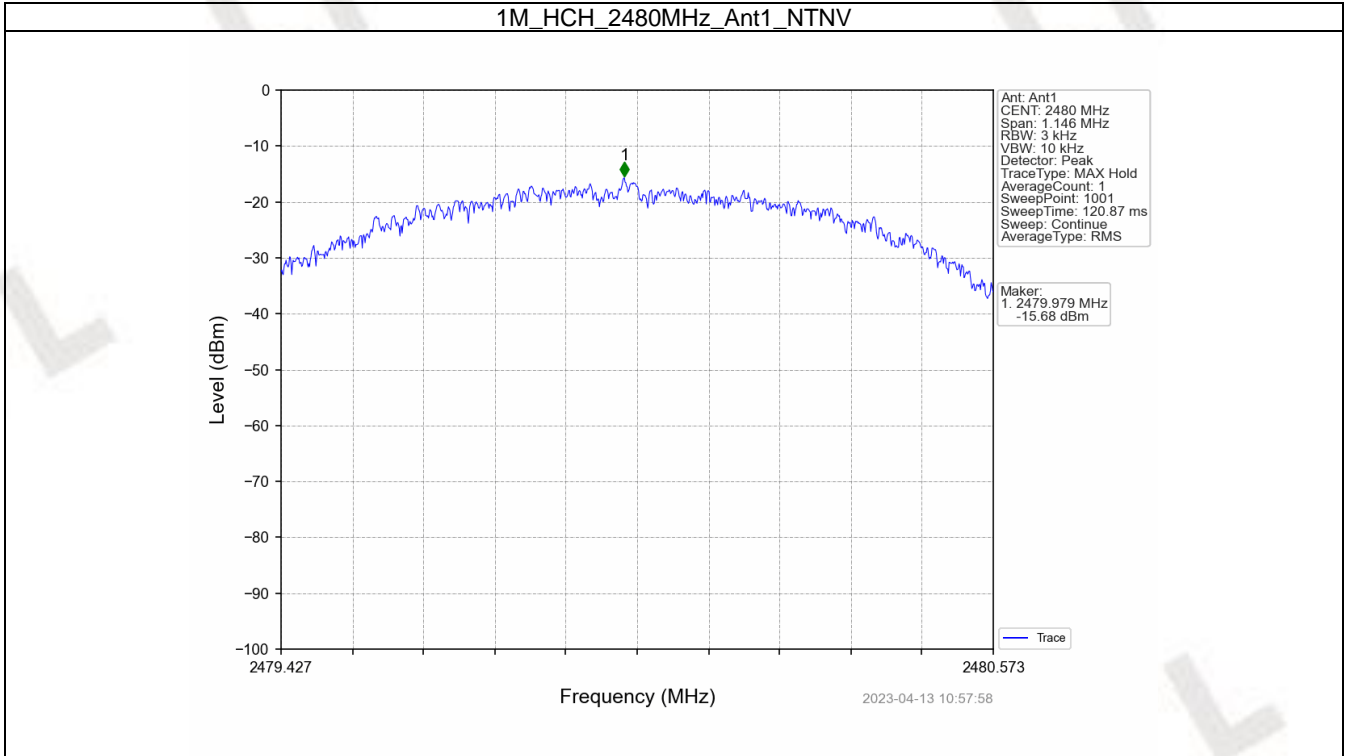
3.1.1 Test Result

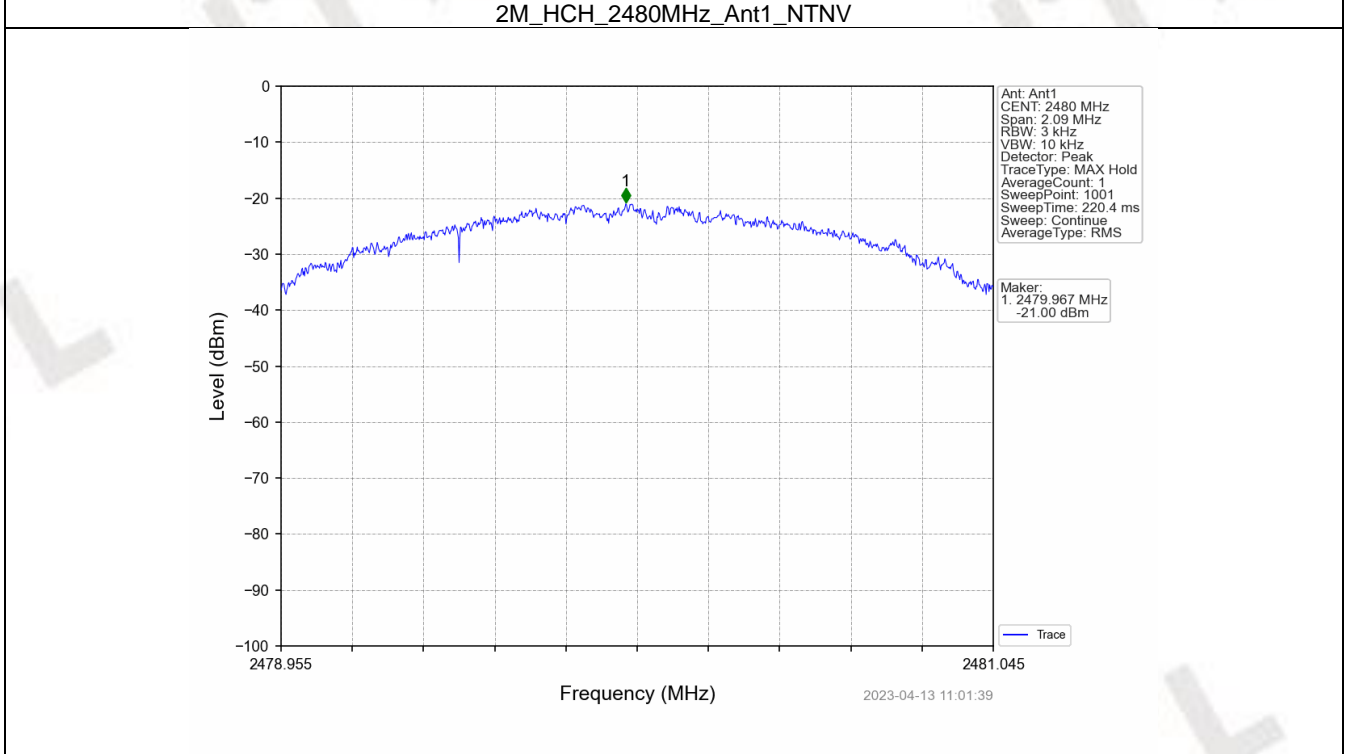
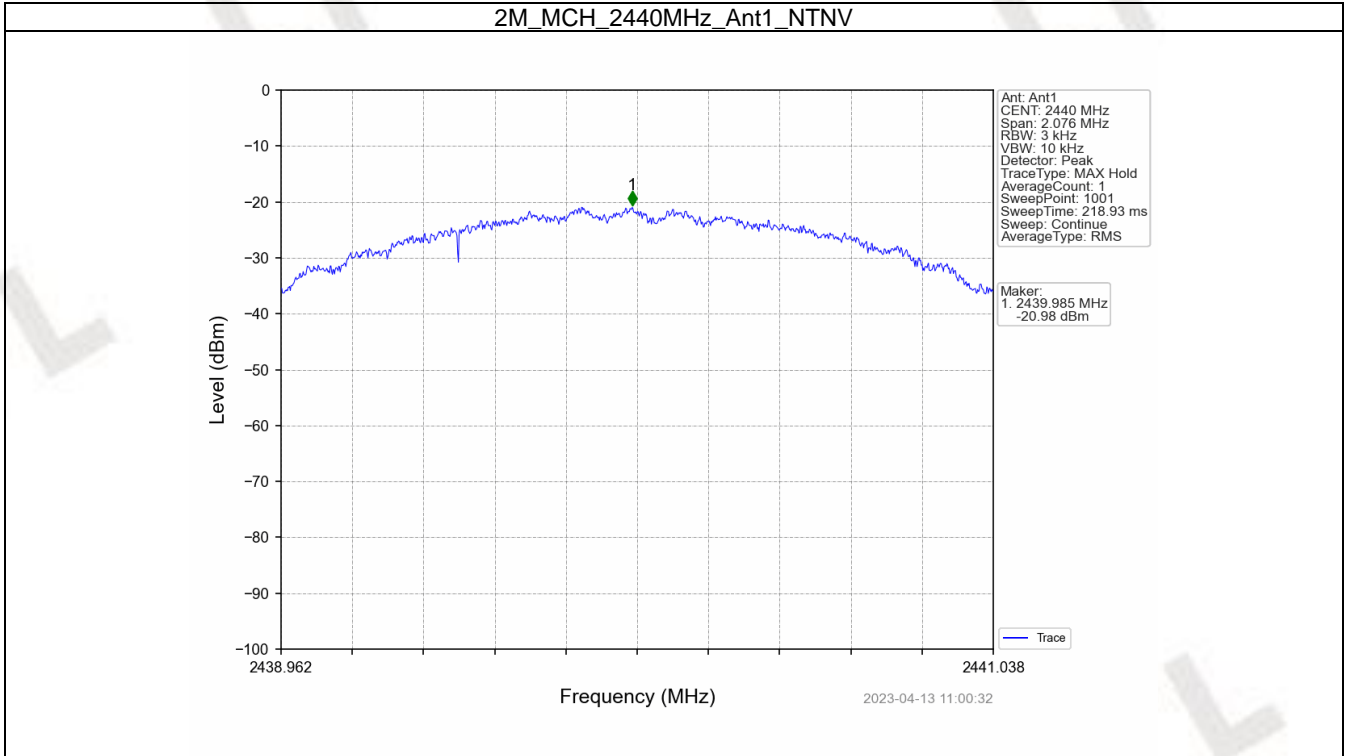
Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/3kHz)		Verdict
			ANT1	Limit	
1M	SISO	2402	-16.40	<=8	Pass
		2440	-16.02	<=8	Pass
		2480	-15.68	<=8	Pass
2M	SISO	2402	-21.35	<=8	Pass
		2440	-20.98	<=8	Pass
		2480	-21.00	<=8	Pass

Note1: Antenna Gain: Ant1: 2.00dBi;

3.1.2 Test Graph







4. Unwanted Emissions In Non-restricted Frequency Bands

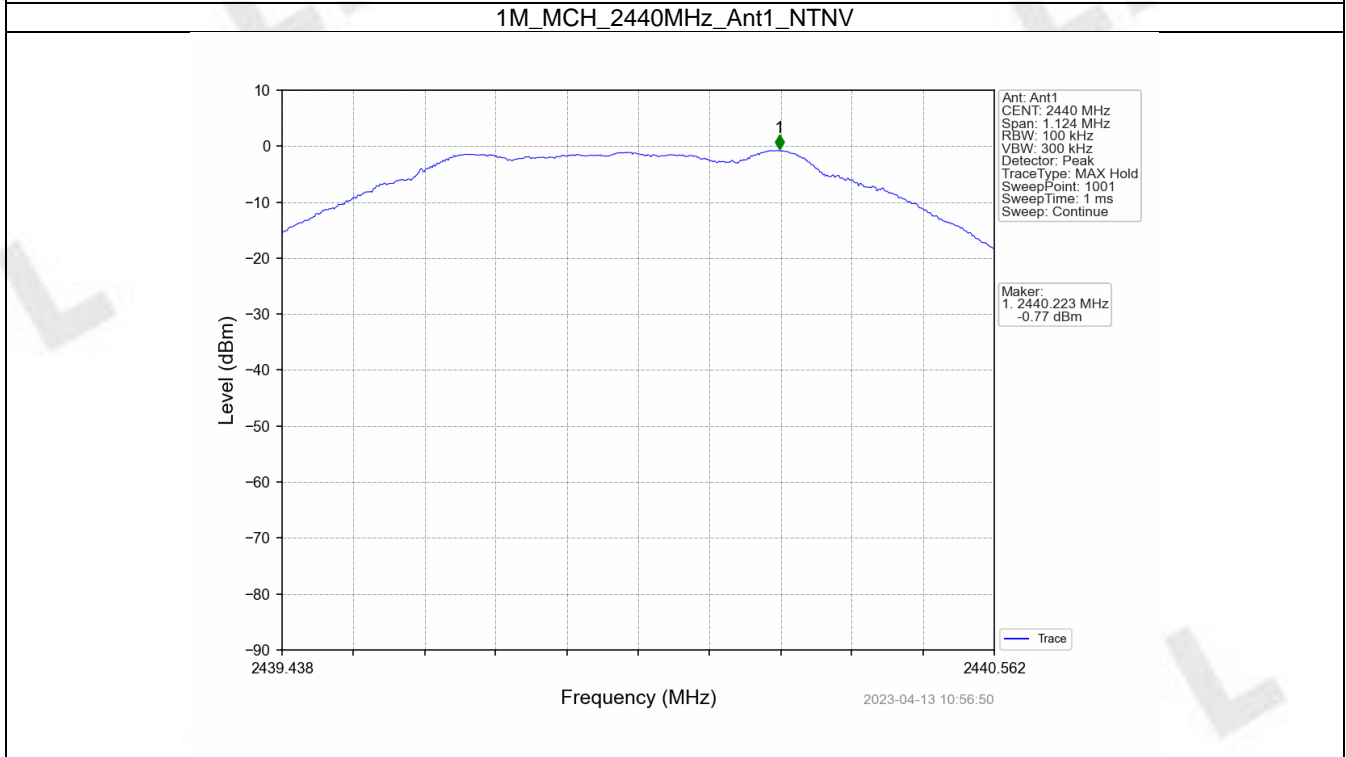
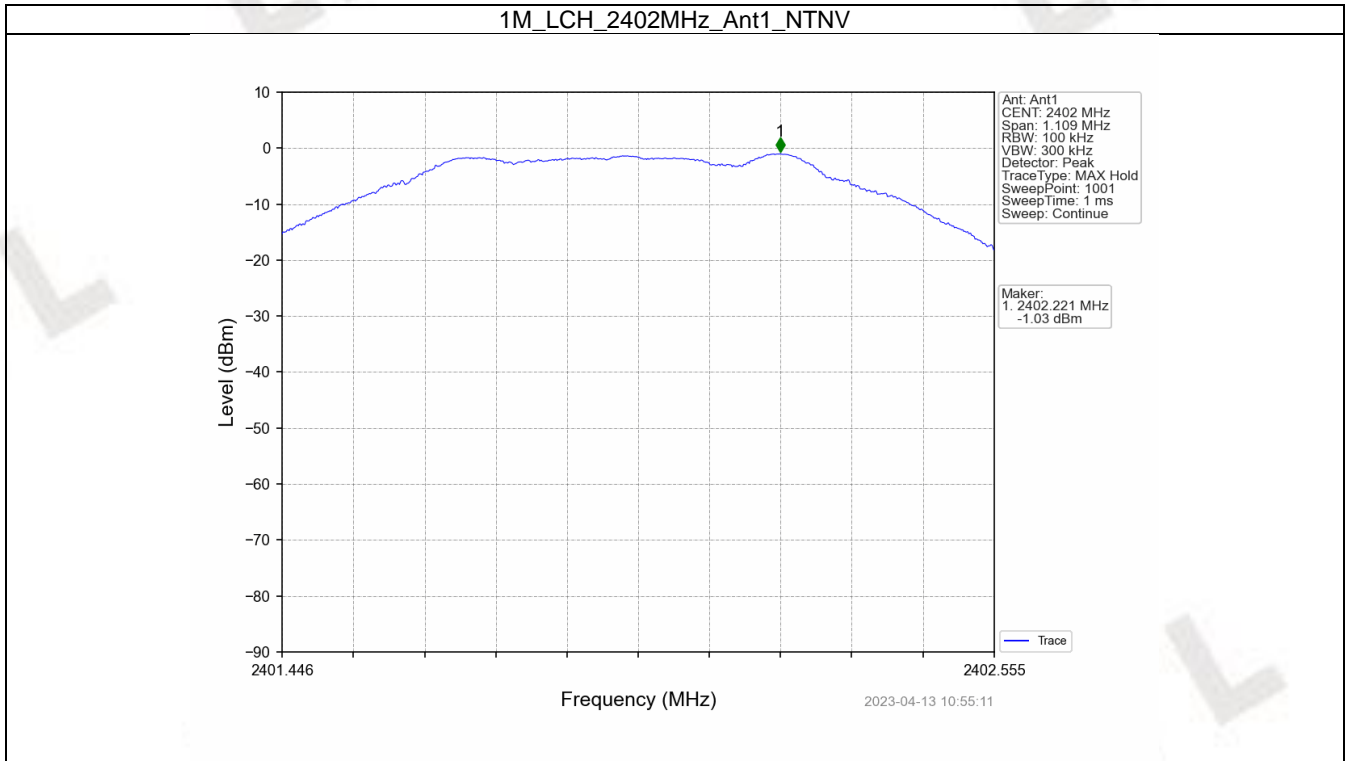
4.1 Ref

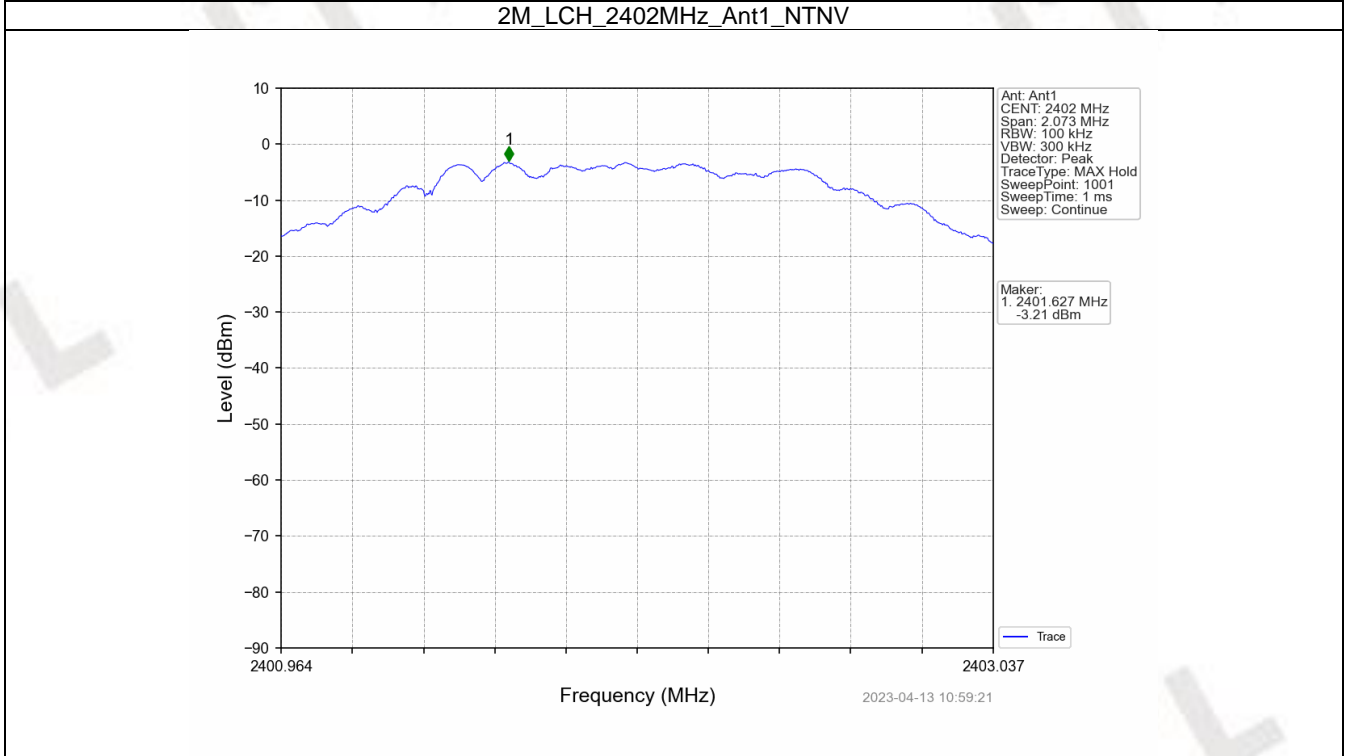
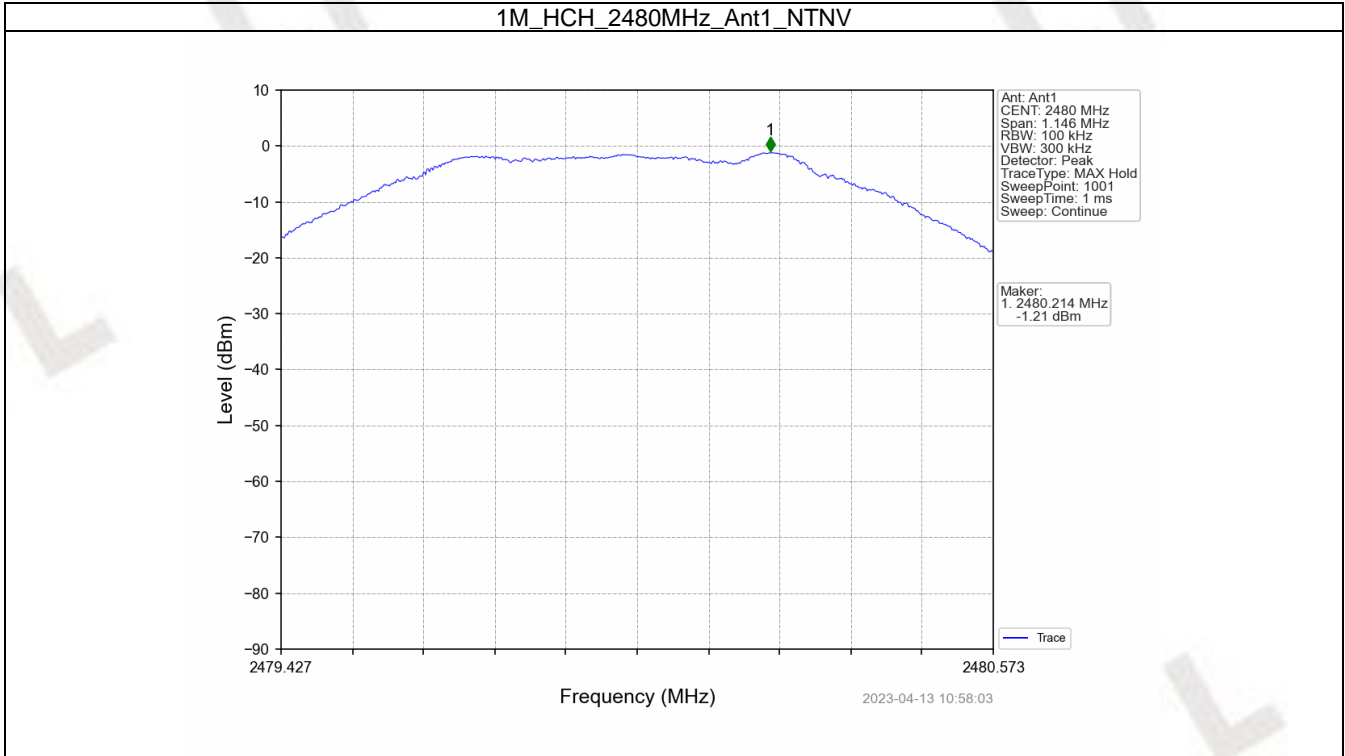
4.1.1 Test Result

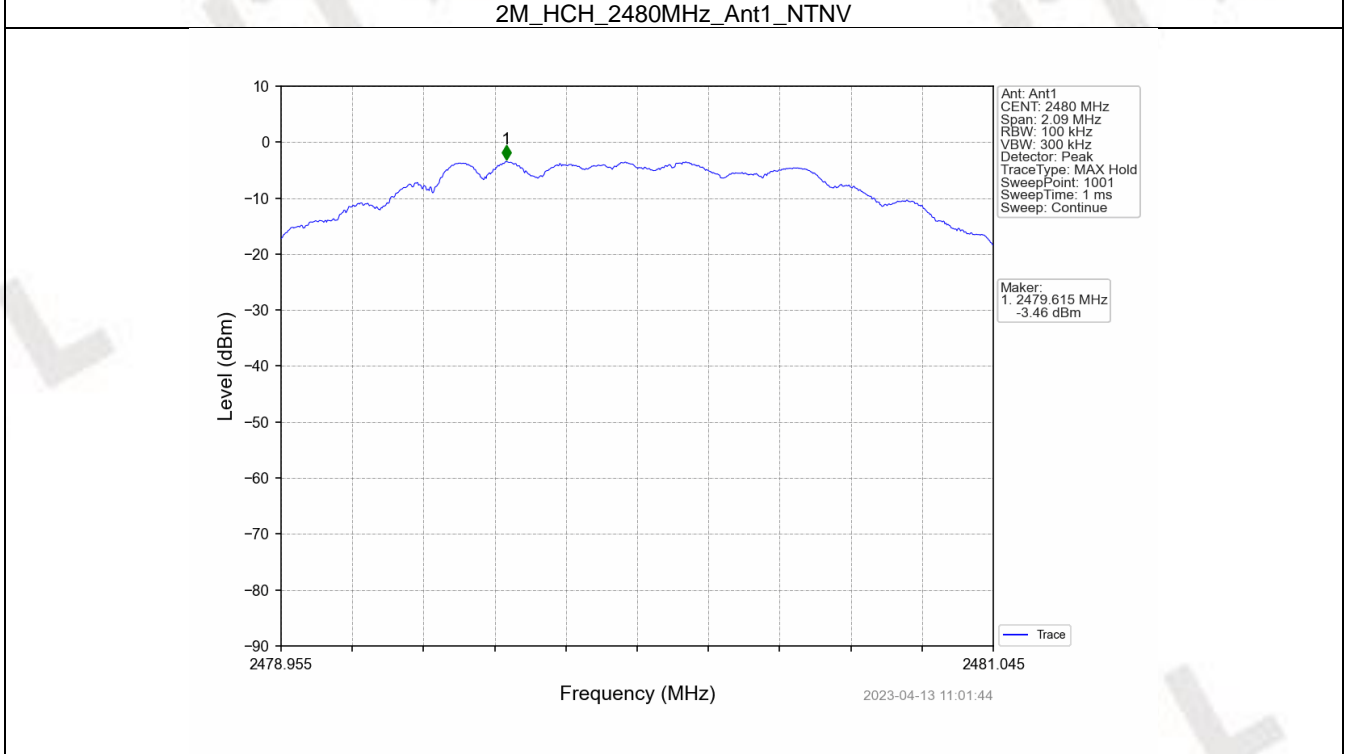
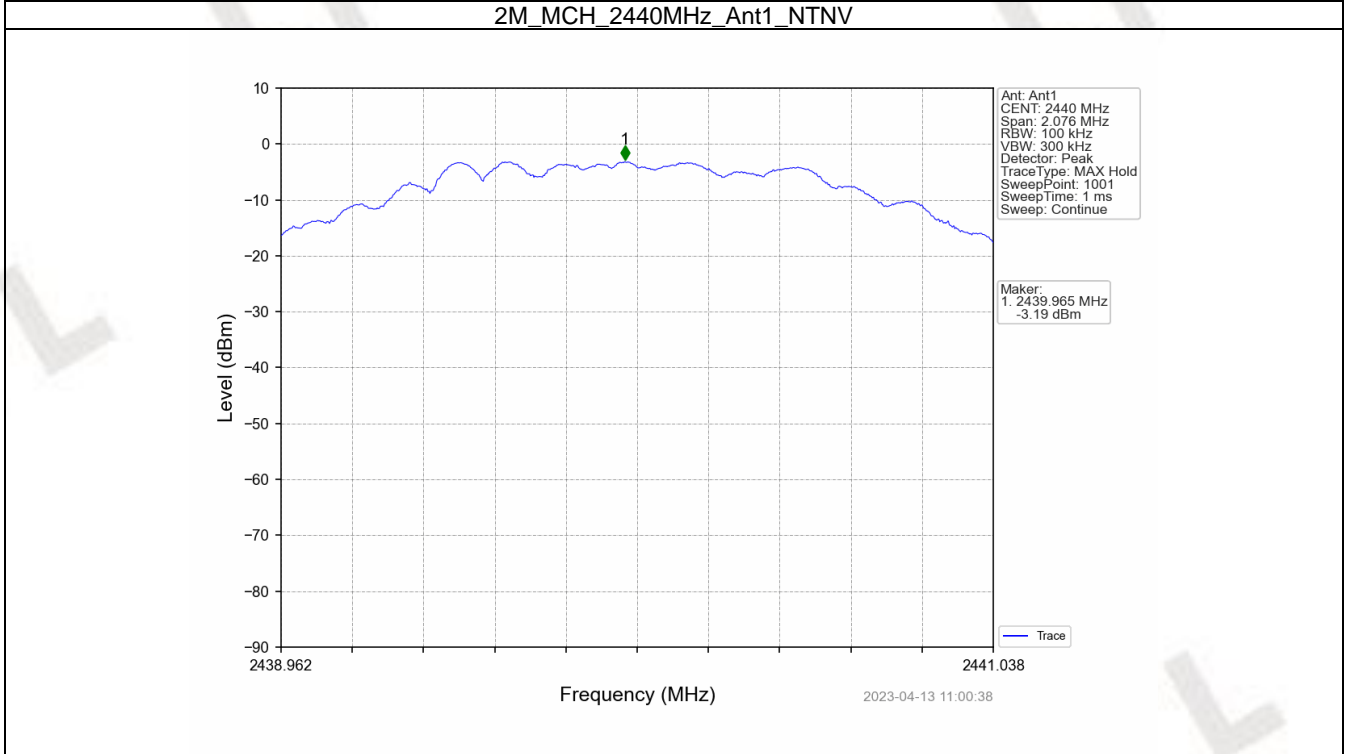
Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)
1M	SISO	2402	1	-1.03
		2440	1	-0.77
		2480	1	-1.21
2M	SISO	2402	1	-3.21
		2440	1	-3.19
		2480	1	-3.46

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.

4.1.2 Test Graph







4.2 CSE

4.2.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
1M	SISO	2402	1	-0.77	-20.77	Pass
		2440	1	-0.77	-20.77	Pass
		2480	1	-0.77	-20.77	Pass
2M	SISO	2402	1	-3.19	-23.19	Pass
		2440	1	-3.19	-23.19	Pass
		2480	1	-3.19	-23.19	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.

4.2.2 Test Graph

