

1. Duty Cycle

1.1 Ant1

1.1.1 Test Result

Ant1							
Mode	TX Type	Frequency (MHz)	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
1M	SISO	2402	0.413	0.625	66.08	1.80	0.00
		2440	0.414	0.625	66.24	1.79	0.04
		2480	0.414	0.626	66.13	1.80	0.05
2M	SISO	2402	1.101	1.874	58.75	2.31	0.03
		2440	1.102	1.875	58.77	2.31	0.03
		2480	1.102	1.875	58.77	2.31	0.03

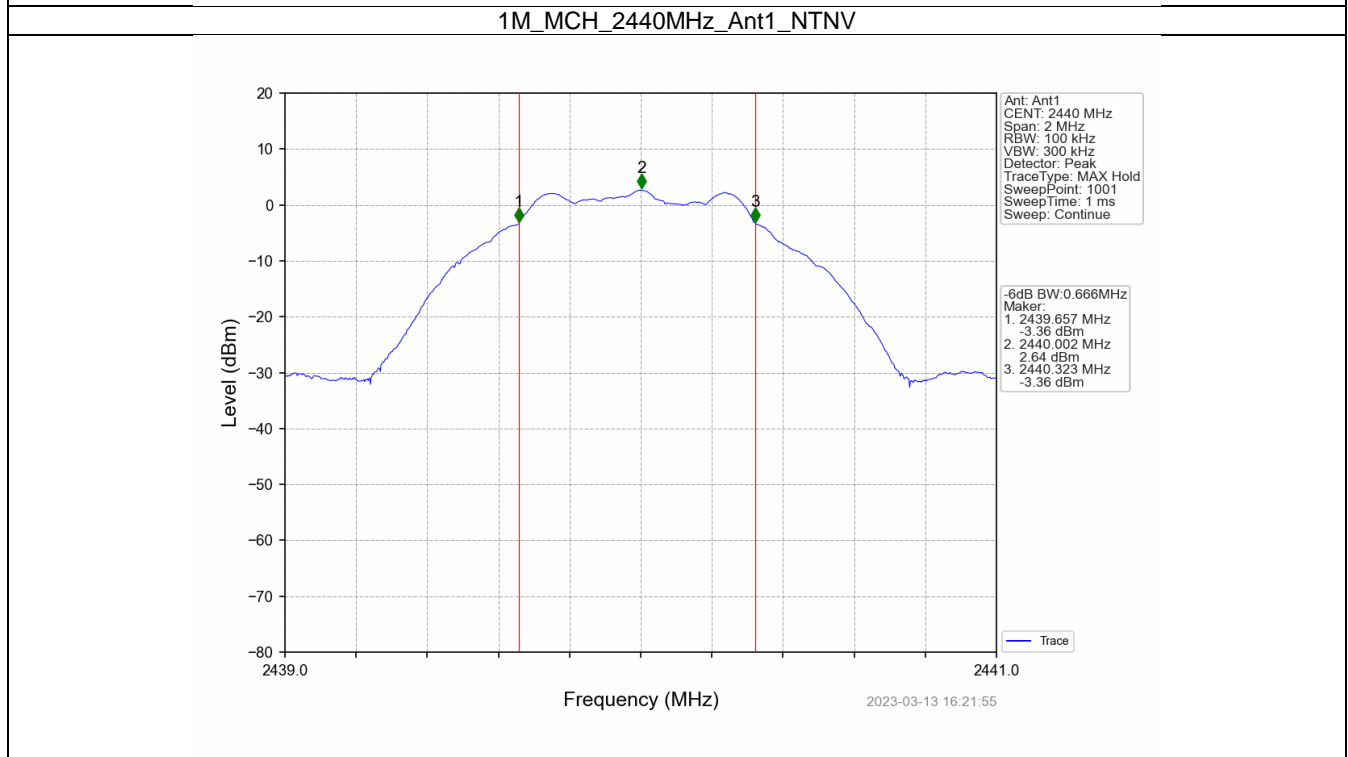
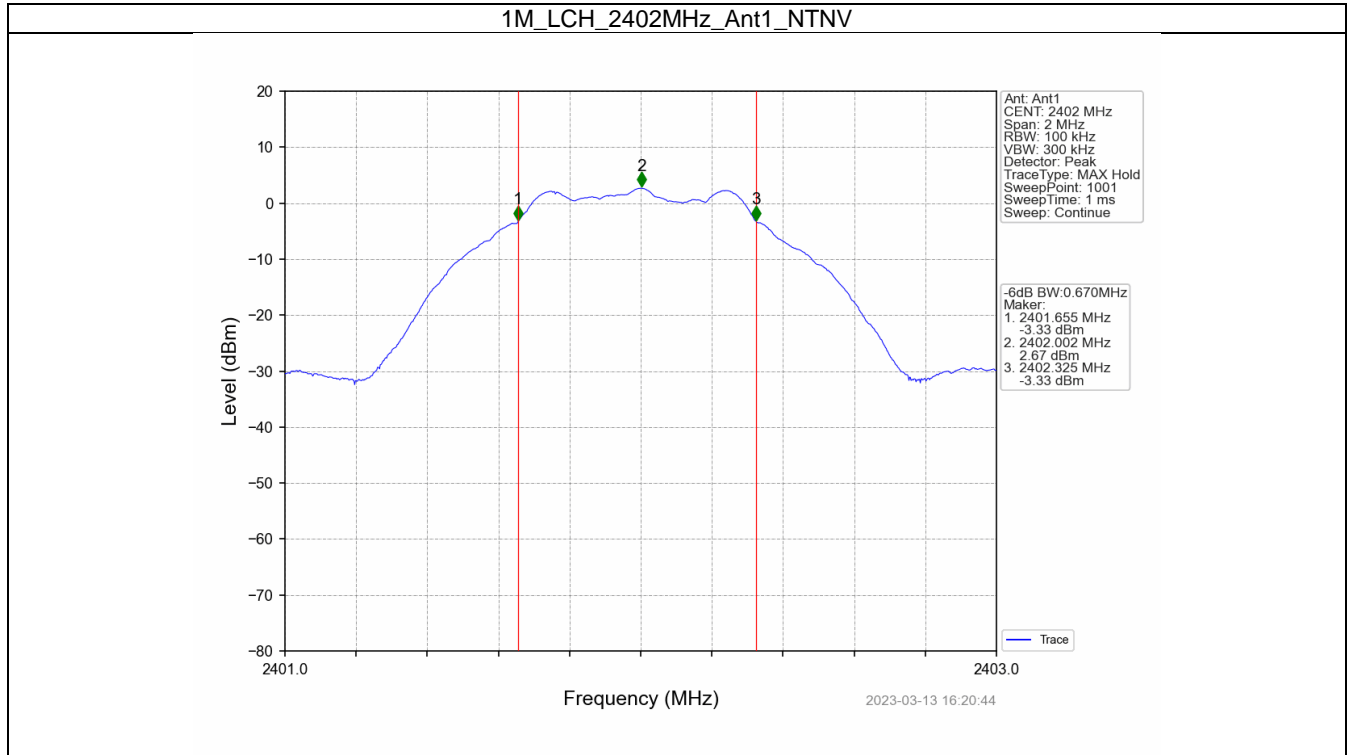
2. Bandwidth

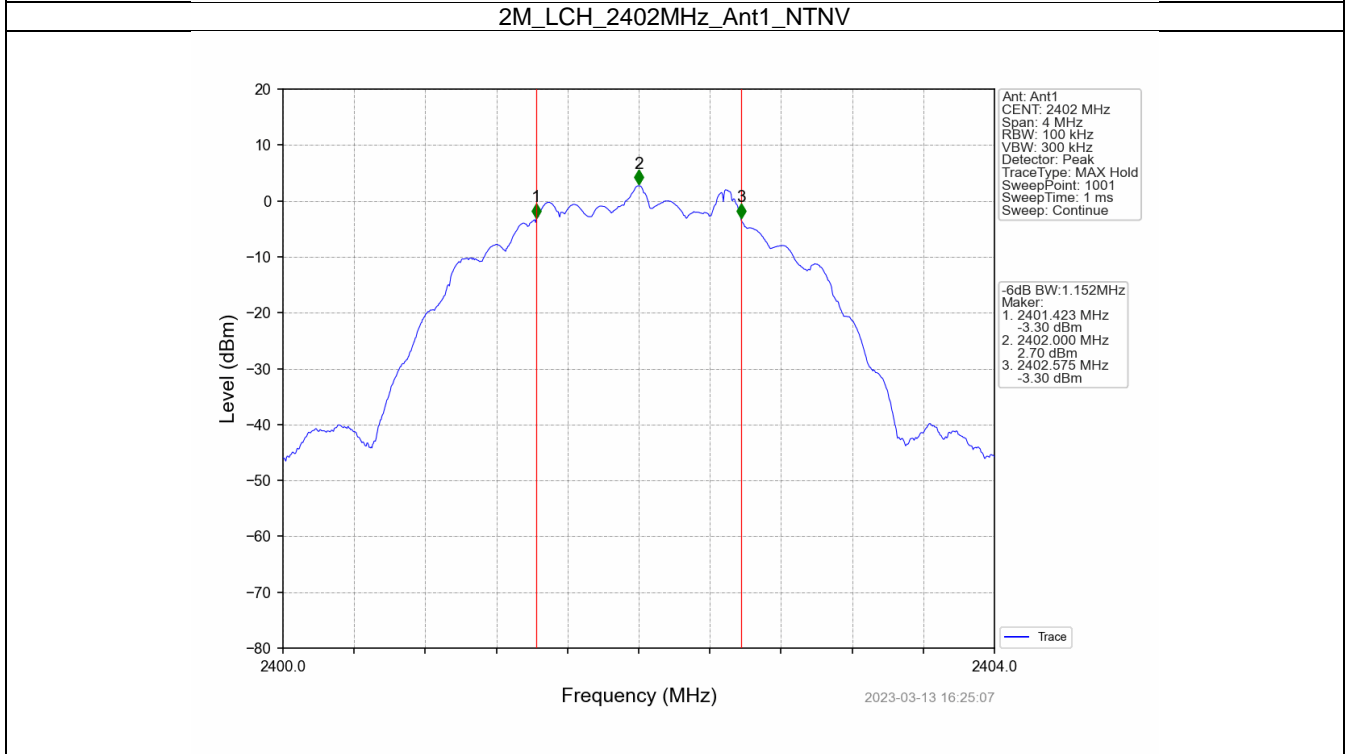
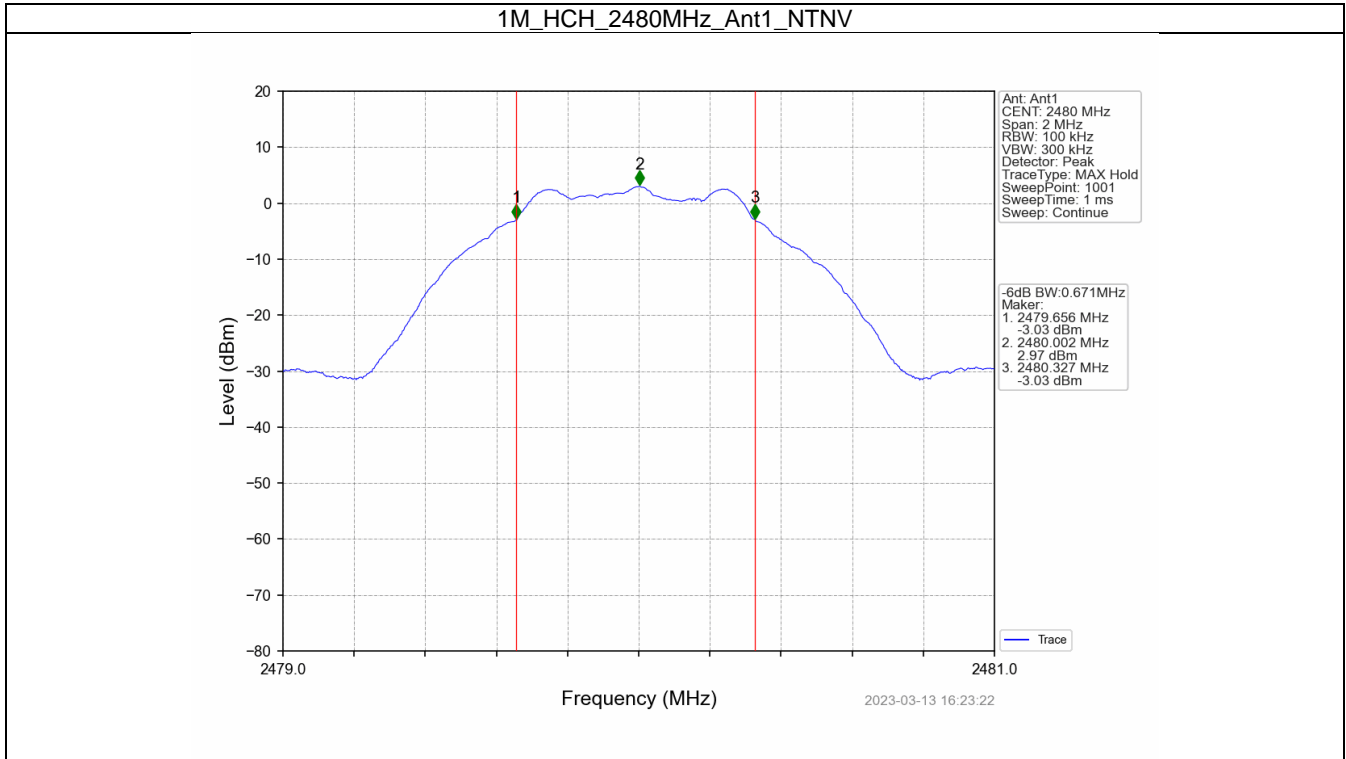
2.1 6dB BW

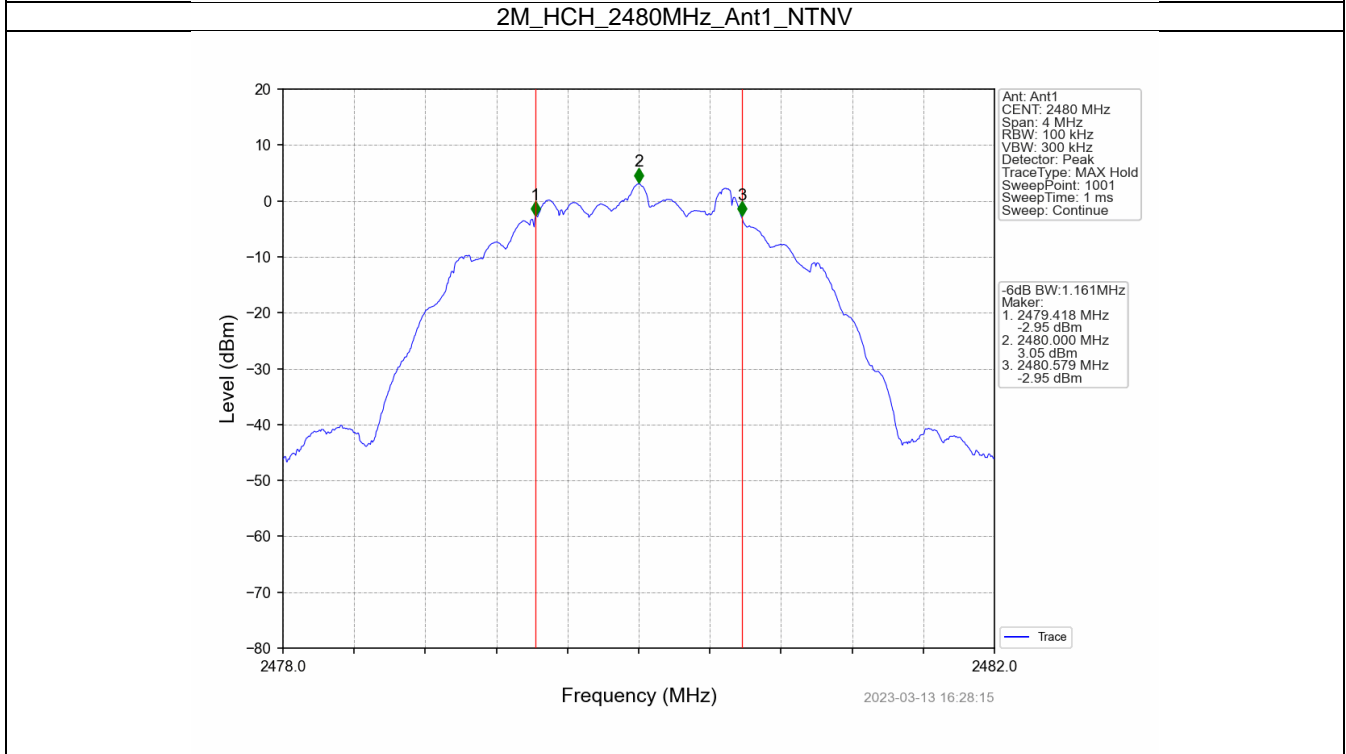
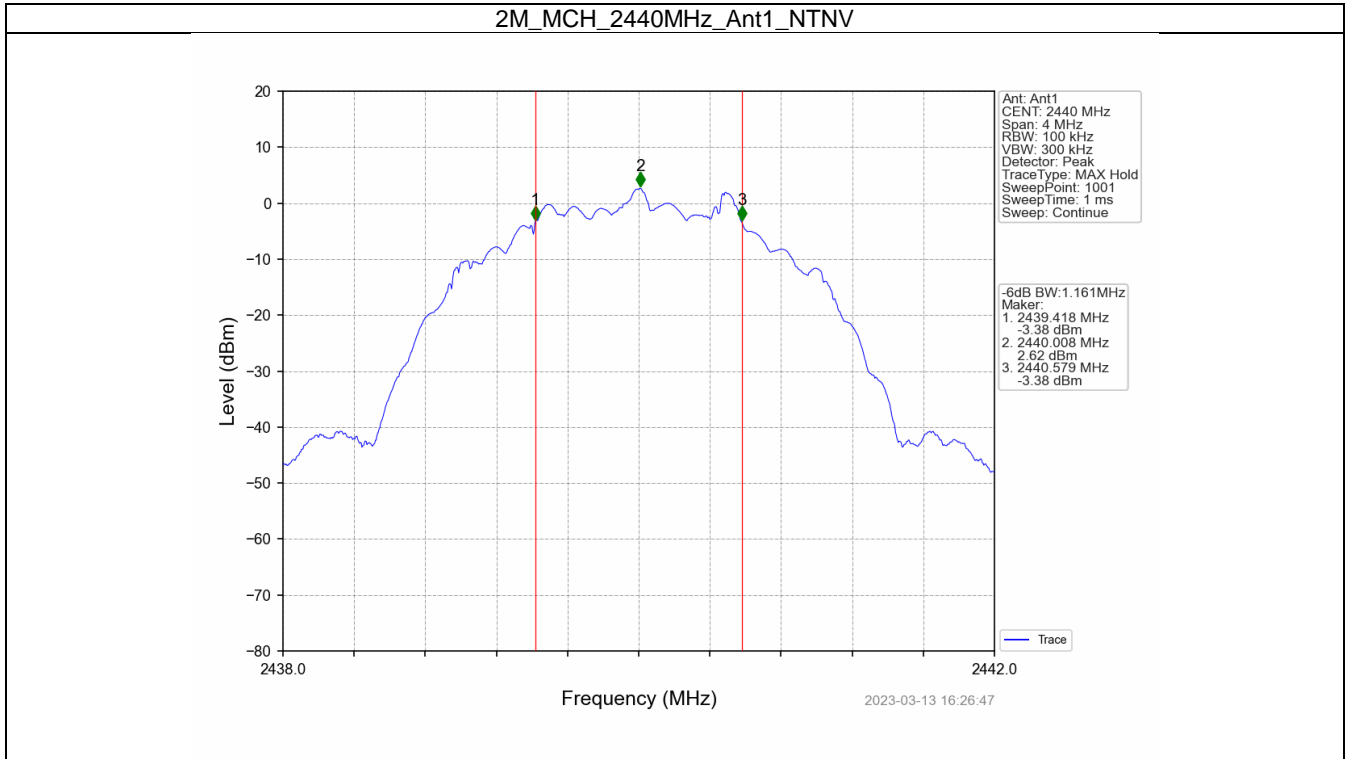
2.1.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
1M	SISO	2402	1	0.670	≥ 0.5	Pass
		2440	1	0.666	≥ 0.5	Pass
		2480	1	0.671	≥ 0.5	Pass
2M	SISO	2402	1	1.152	≥ 0.5	Pass
		2440	1	1.161	≥ 0.5	Pass
		2480	1	1.161	≥ 0.5	Pass

2.1.2 Test Graph







3. Maximum Conducted Output Power

3.1 Power

3.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum Peak Conducted Output Power (dBm)		Verdict
			ANT1	Limit	
1M	SISO	2402	5.48	<=30	Pass
		2440	5.47	<=30	Pass
		2480	5.84	<=30	Pass
2M	SISO	2402	5.62	<=30	Pass
		2440	5.58	<=30	Pass
		2480	5.94	<=30	Pass

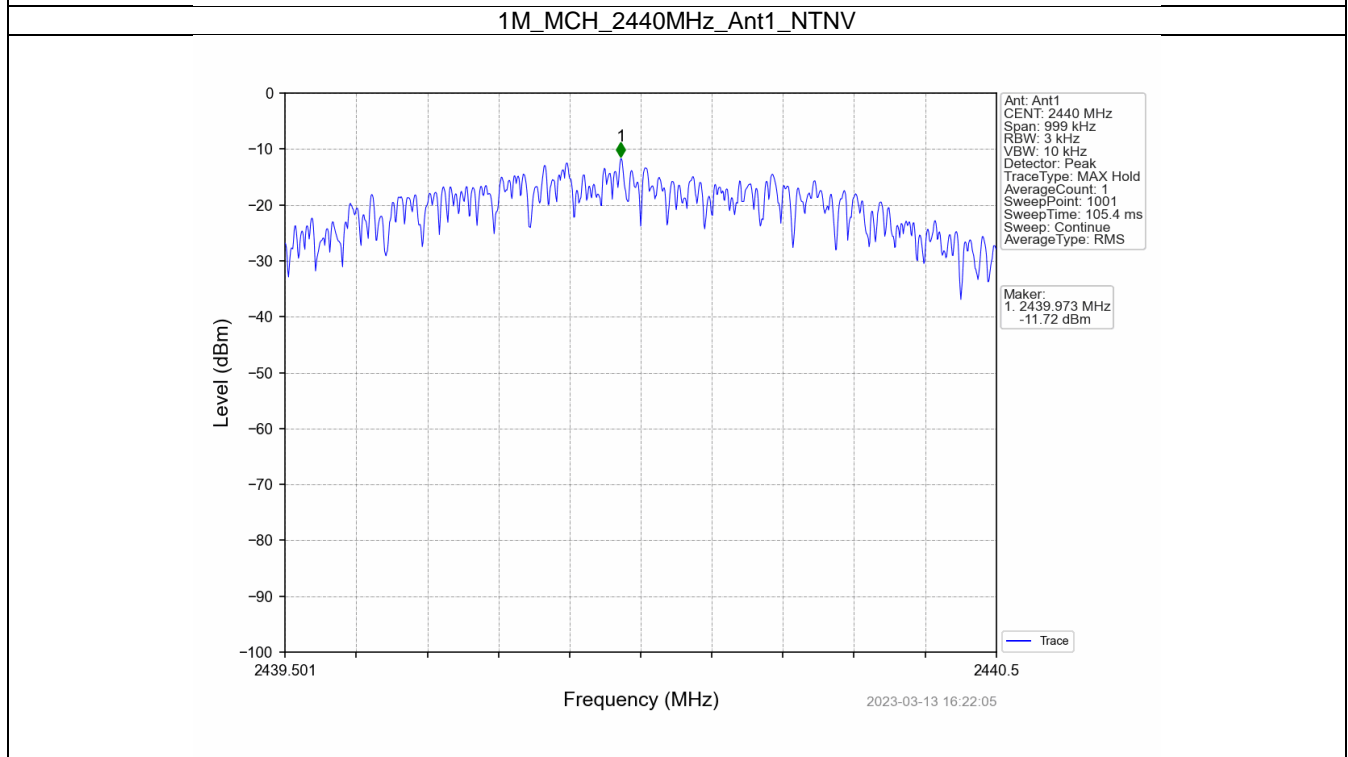
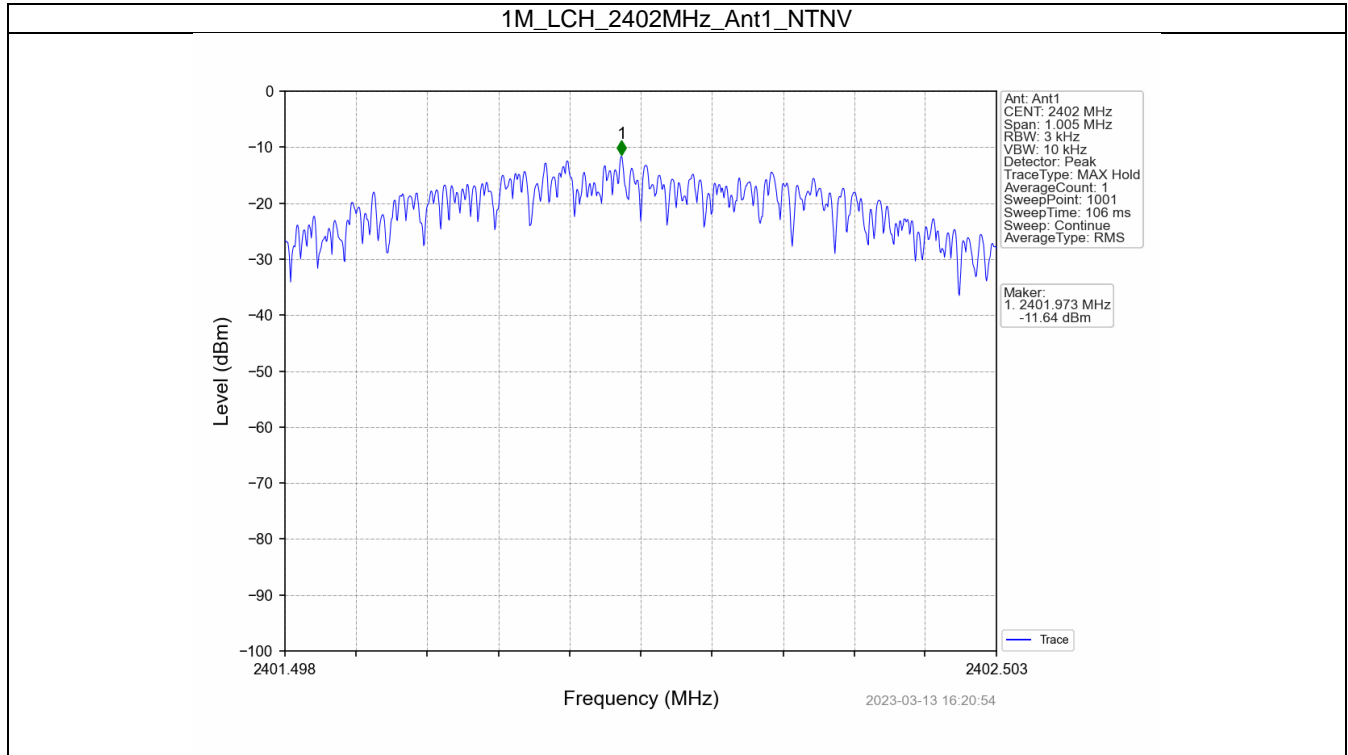
4. Maximum Power Spectral Density

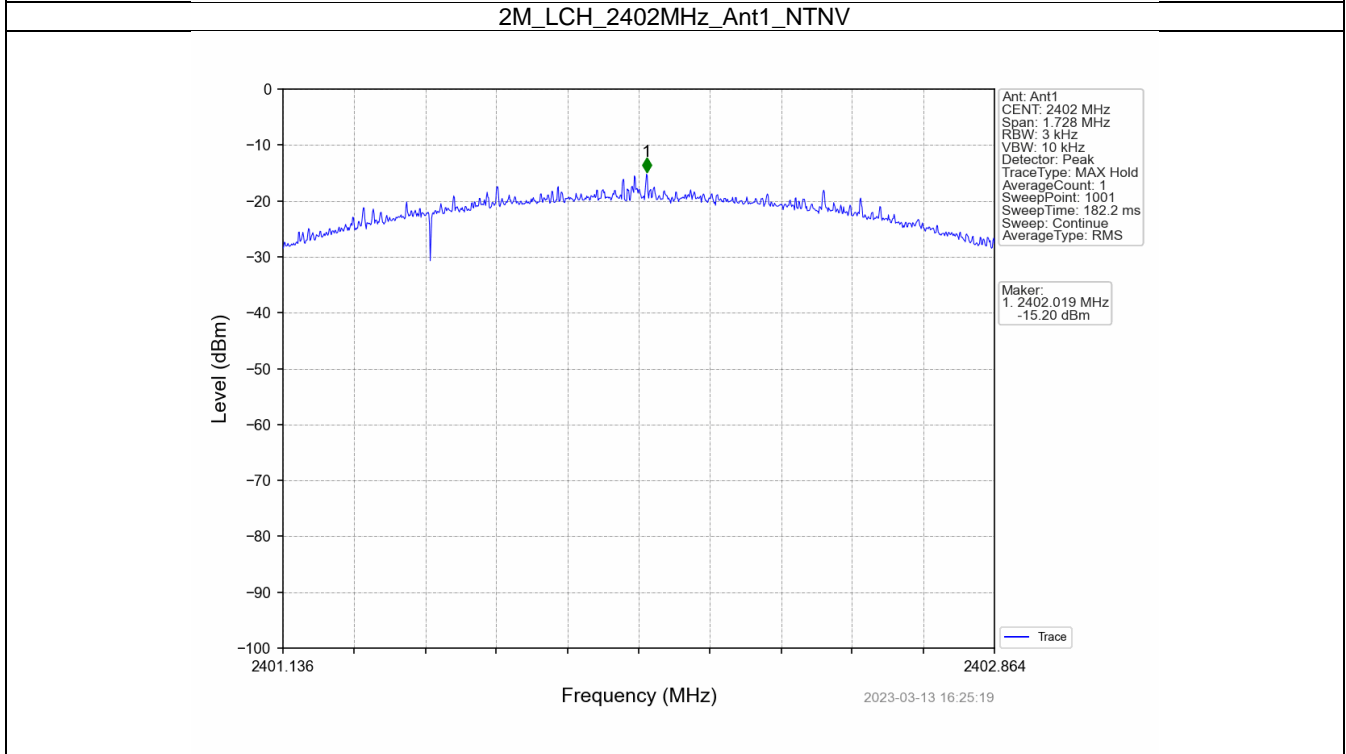
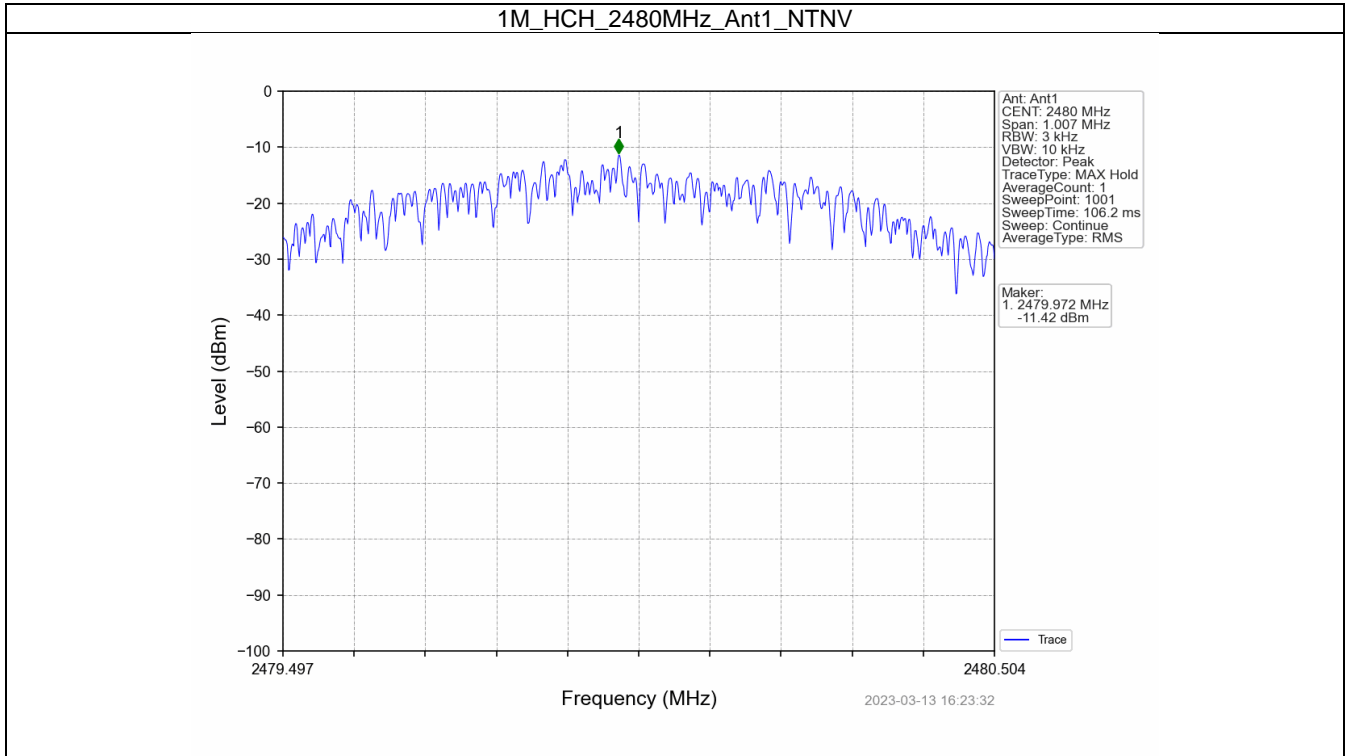
4.1 PSD

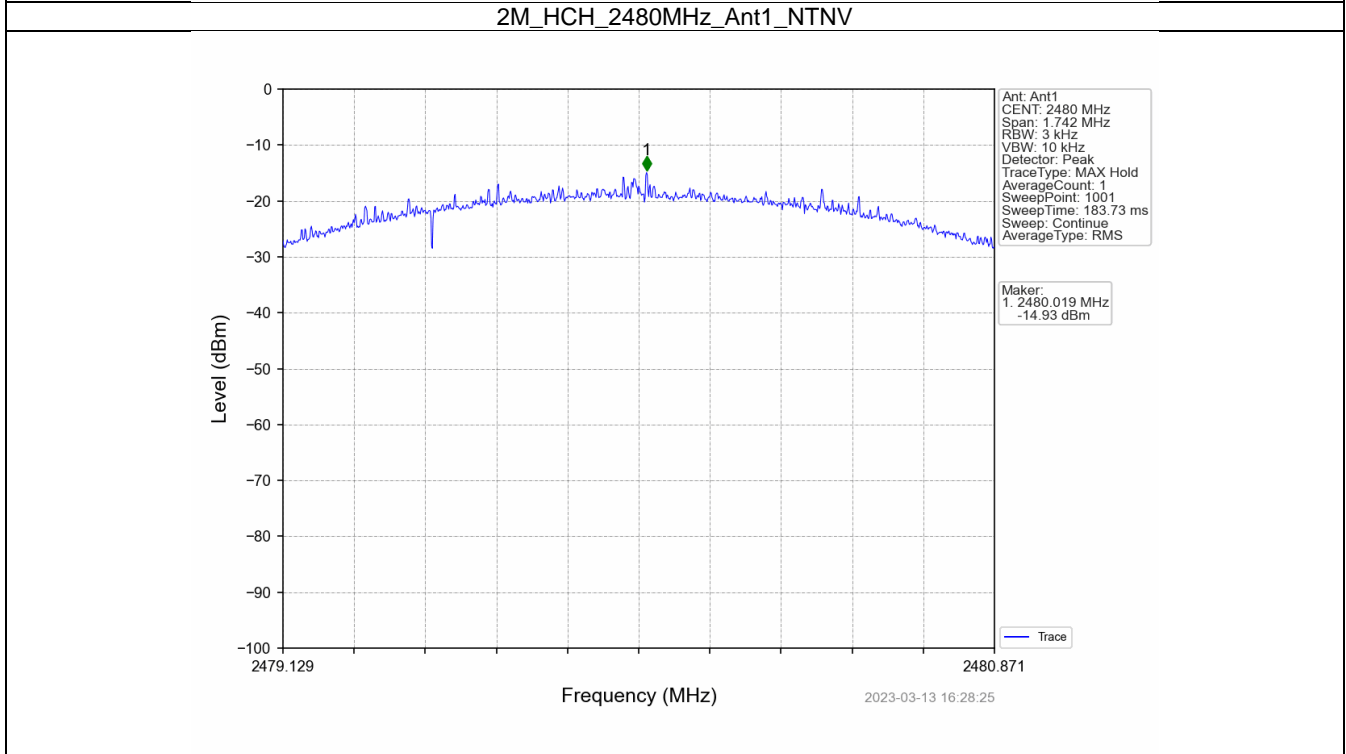
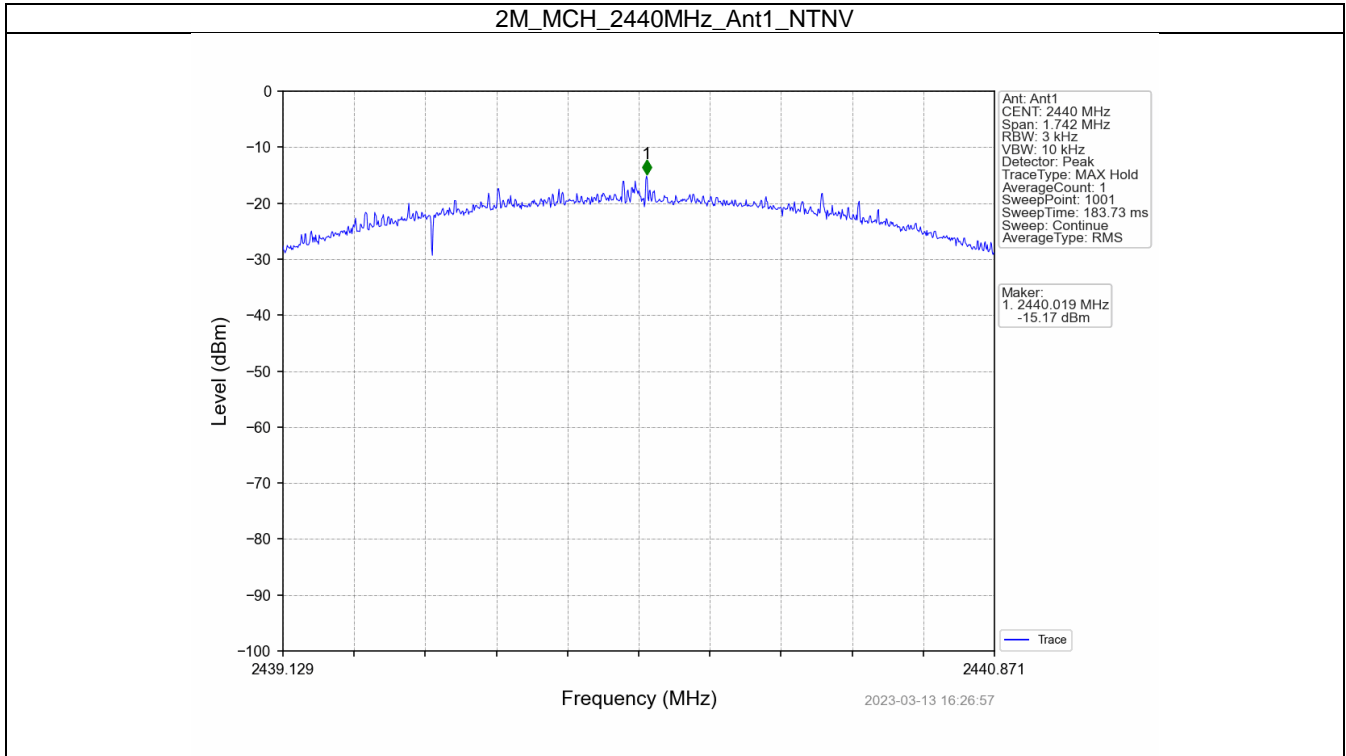
4.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/3kHz)		Verdict
			ANT1	Limit	
1M	SISO	2402	-11.64	<=8	Pass
		2440	-11.72	<=8	Pass
		2480	-11.42	<=8	Pass
2M	SISO	2402	-15.20	<=8	Pass
		2440	-15.17	<=8	Pass
		2480	-14.93	<=8	Pass

4.1.2 Test Graph







5. Unwanted Emissions In Non-restricted Frequency Bands

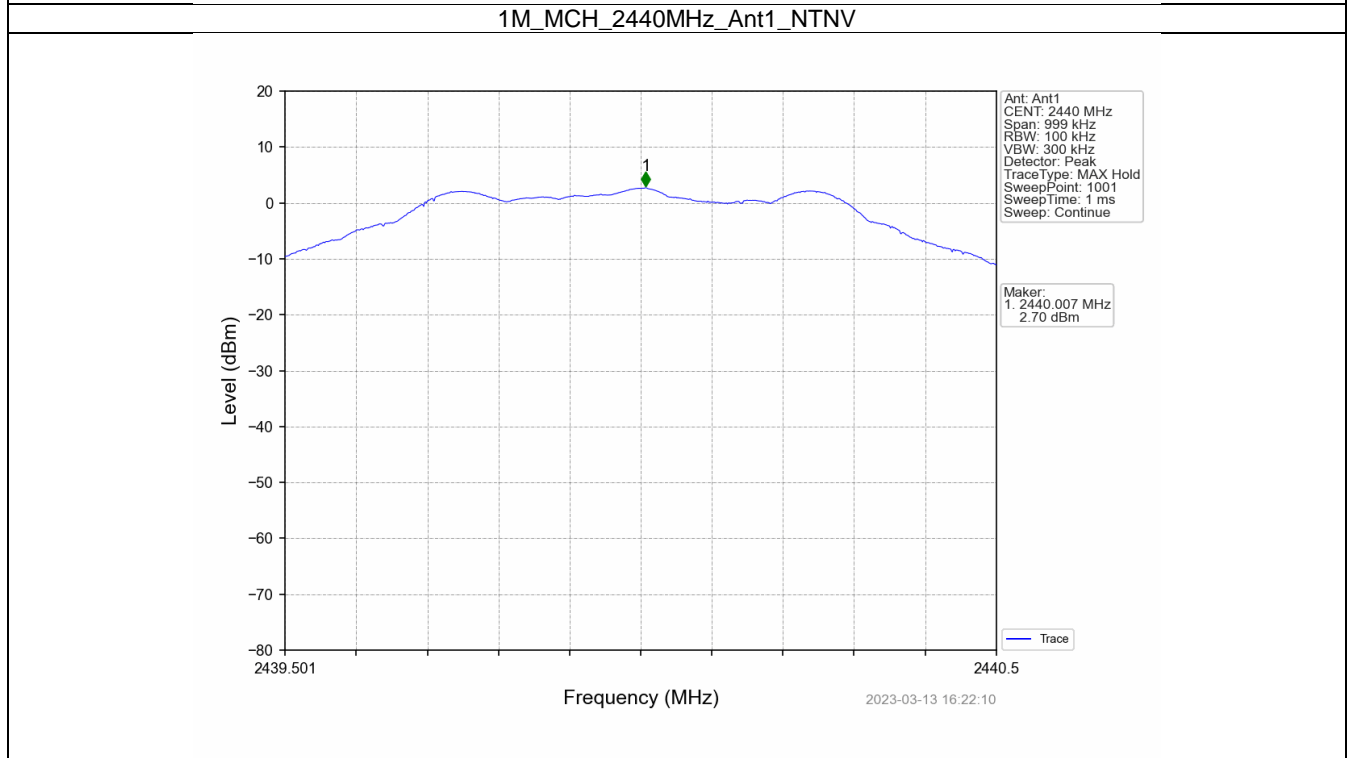
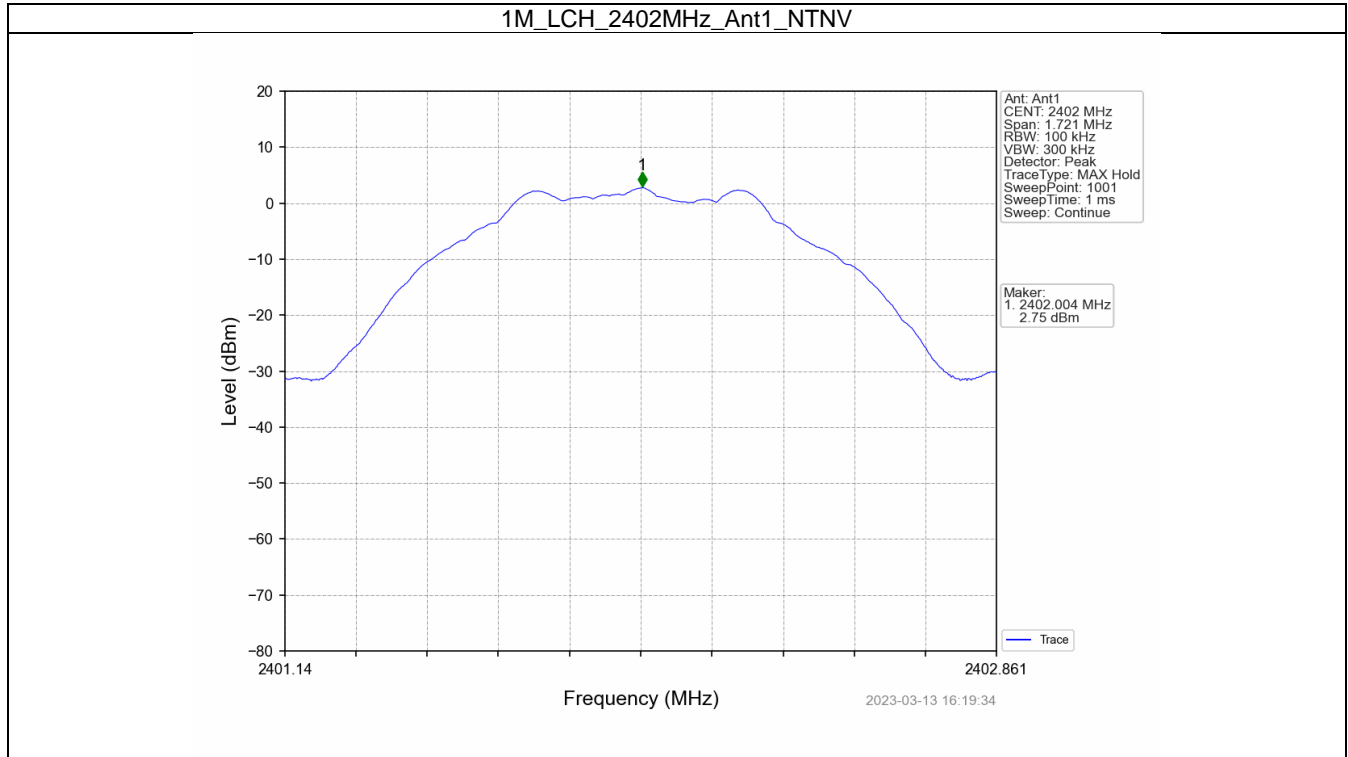
5.1 Ref

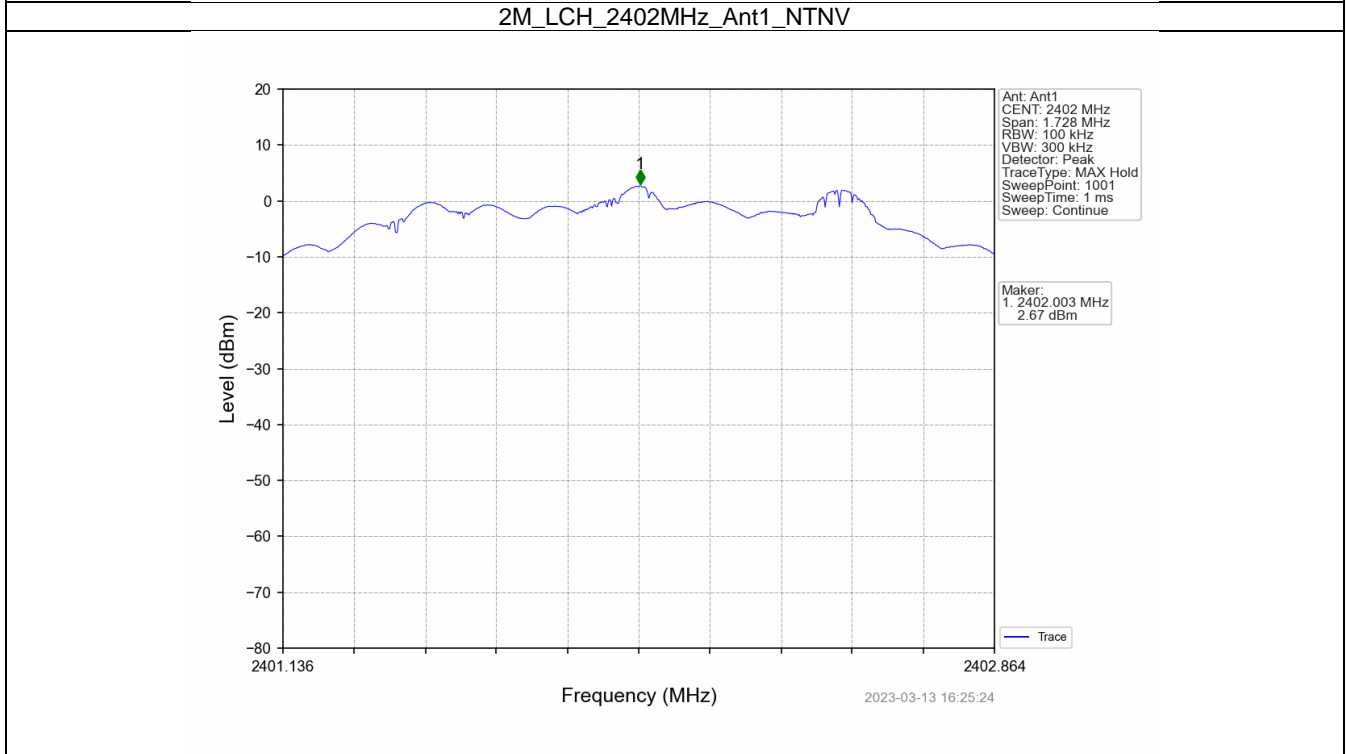
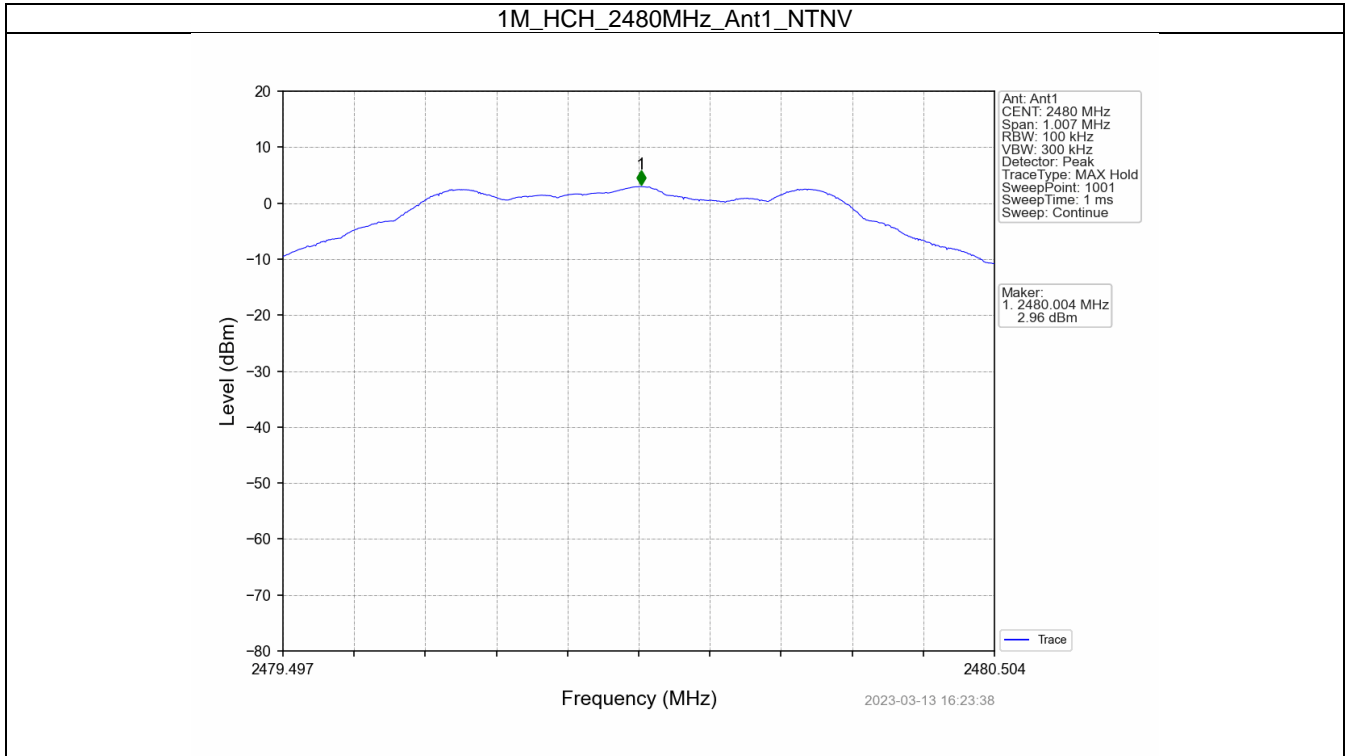
5.1.1 Test Result

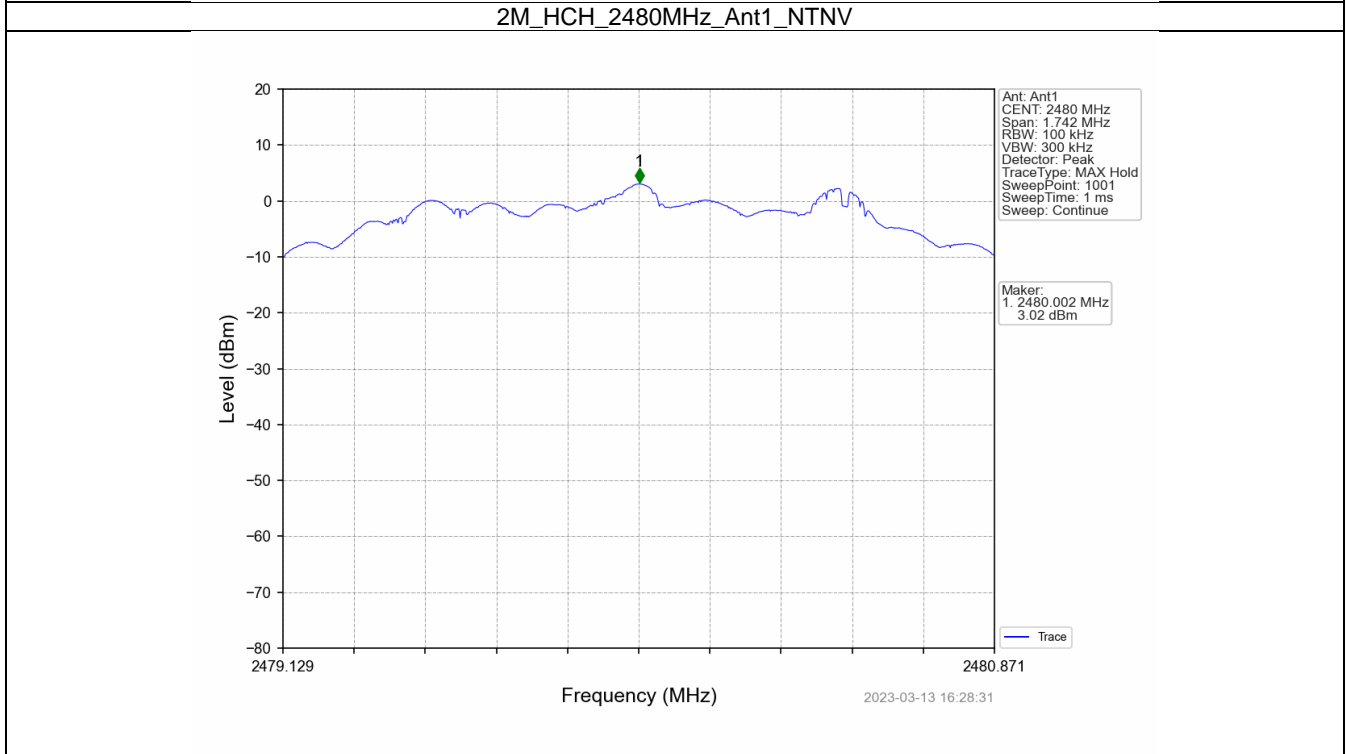
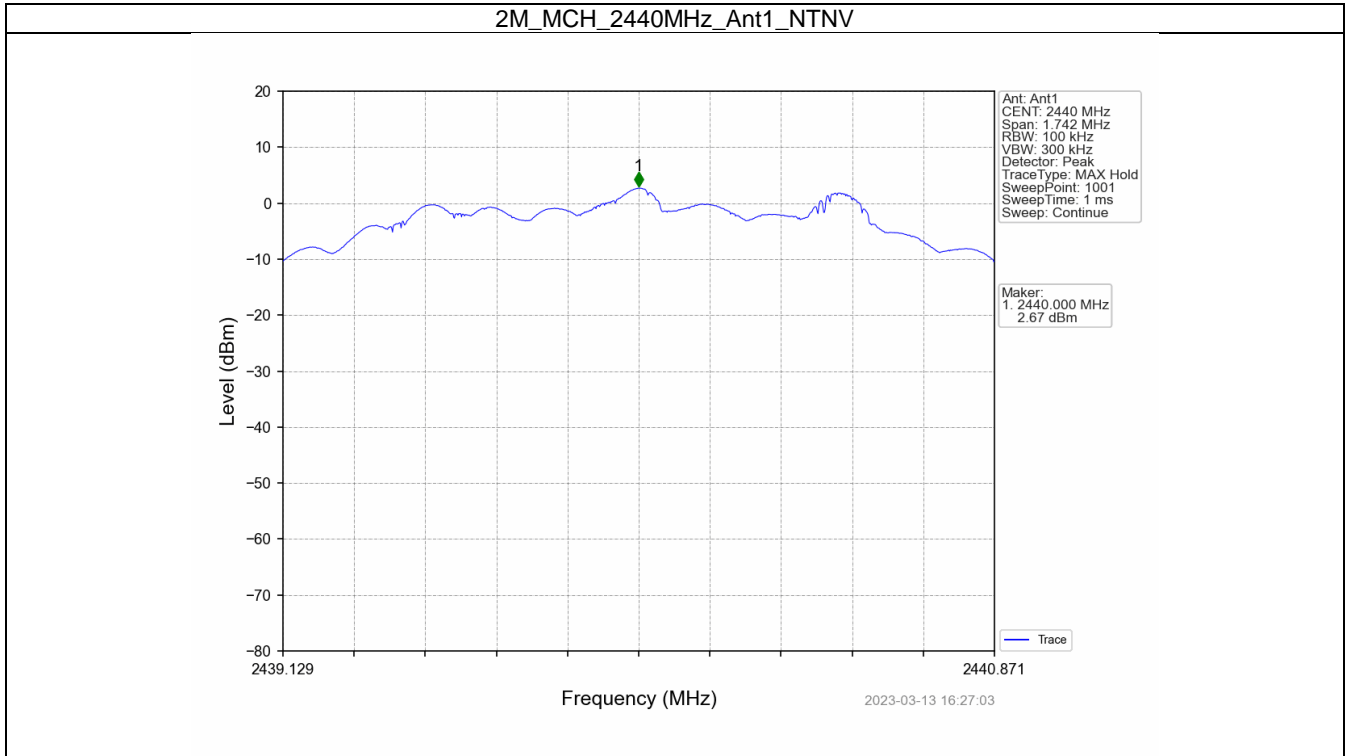
Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)
1M	SISO	2402	1	2.75
		2440	1	2.70
		2480	1	2.96
2M	SISO	2402	1	2.67
		2440	1	2.67
		2480	1	3.02

Note1: Refer to RSS-247 Issue 2 section 5.5 and ANSI C63.10-2013, the channel contains the maximum PSD level was used to establish the reference level.

5.1.2 Test Graph







5.2 CSE

5.2.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
1M	SISO	2402	1	2.96	-17.04	Pass
		2440	1	2.96	-17.04	Pass
		2480	1	2.96	-17.04	Pass
2M	SISO	2402	1	3.02	-16.98	Pass
		2440	1	3.02	-16.98	Pass
		2480	1	3.02	-16.98	Pass

Note1: Refer to RSS-247 Issue 2 section 5.5 and ANSI C63.10-2013, the channel contains the maximum PSD level was used to establish the reference level.

5.2.2 Test Graph

