

Appendix A

Report No.:	CISRR23120401001
Product Name:	Bluetooth locator
Model No.:	CH-11
Test Engineer:	Lucas Huang
Supervised by:	Rory Huang

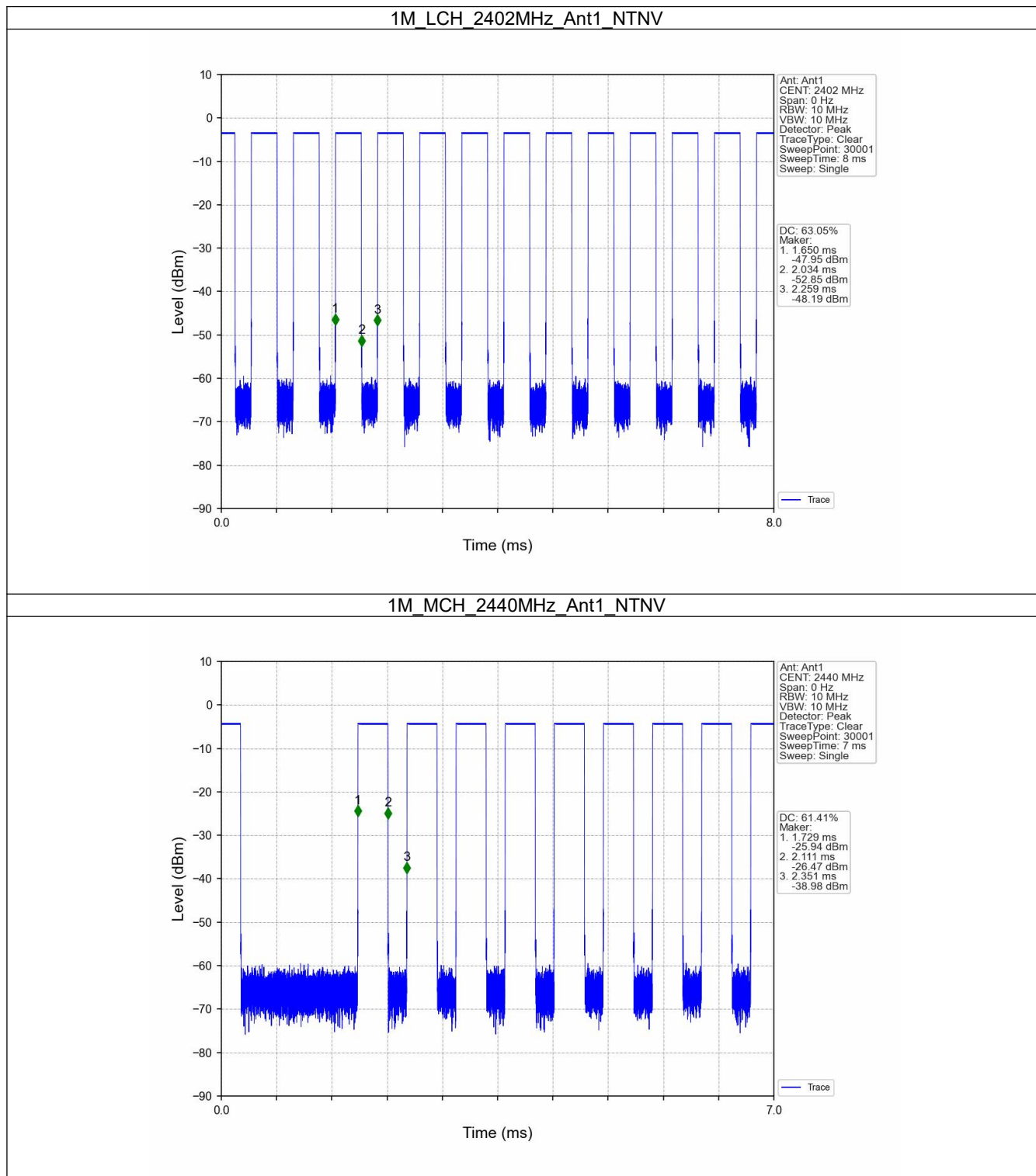
1. Duty Cycle

1.1 Ant1

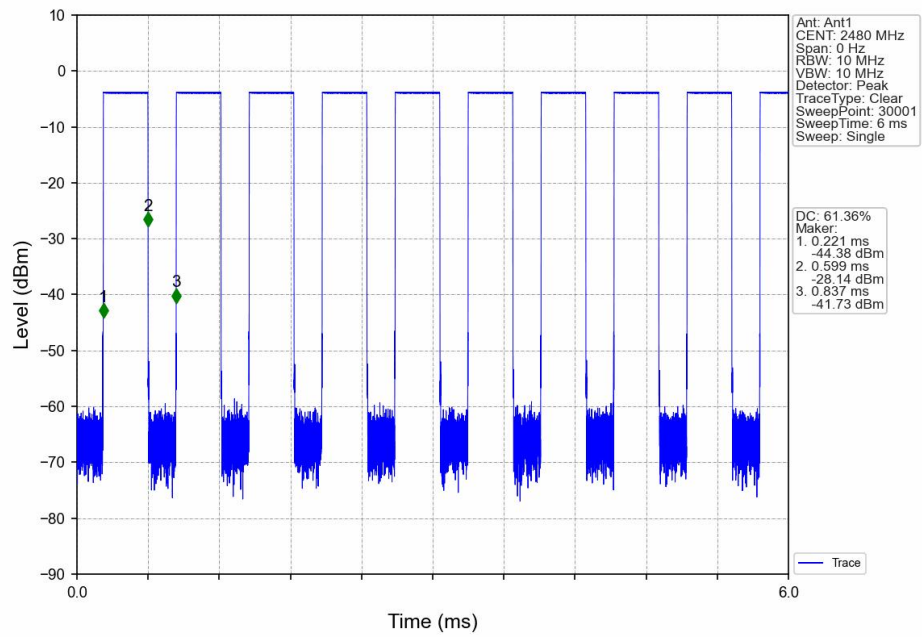
1.1.1 Test Result

Ant1								
Mode	TX Type	Frequency (MHz)	T _{on} (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)	1/T
1M	SISO	2402	0.384	0.609	63.05	2.00	0.04	2.60
		2440	0.382	0.622	61.41	2.12	0.01	2.62
		2480	0.378	0.616	61.36	2.12	0.00	2.65

1.1.2 Test Graph



1M_HCH_2480MHz_Ant1_NTNV

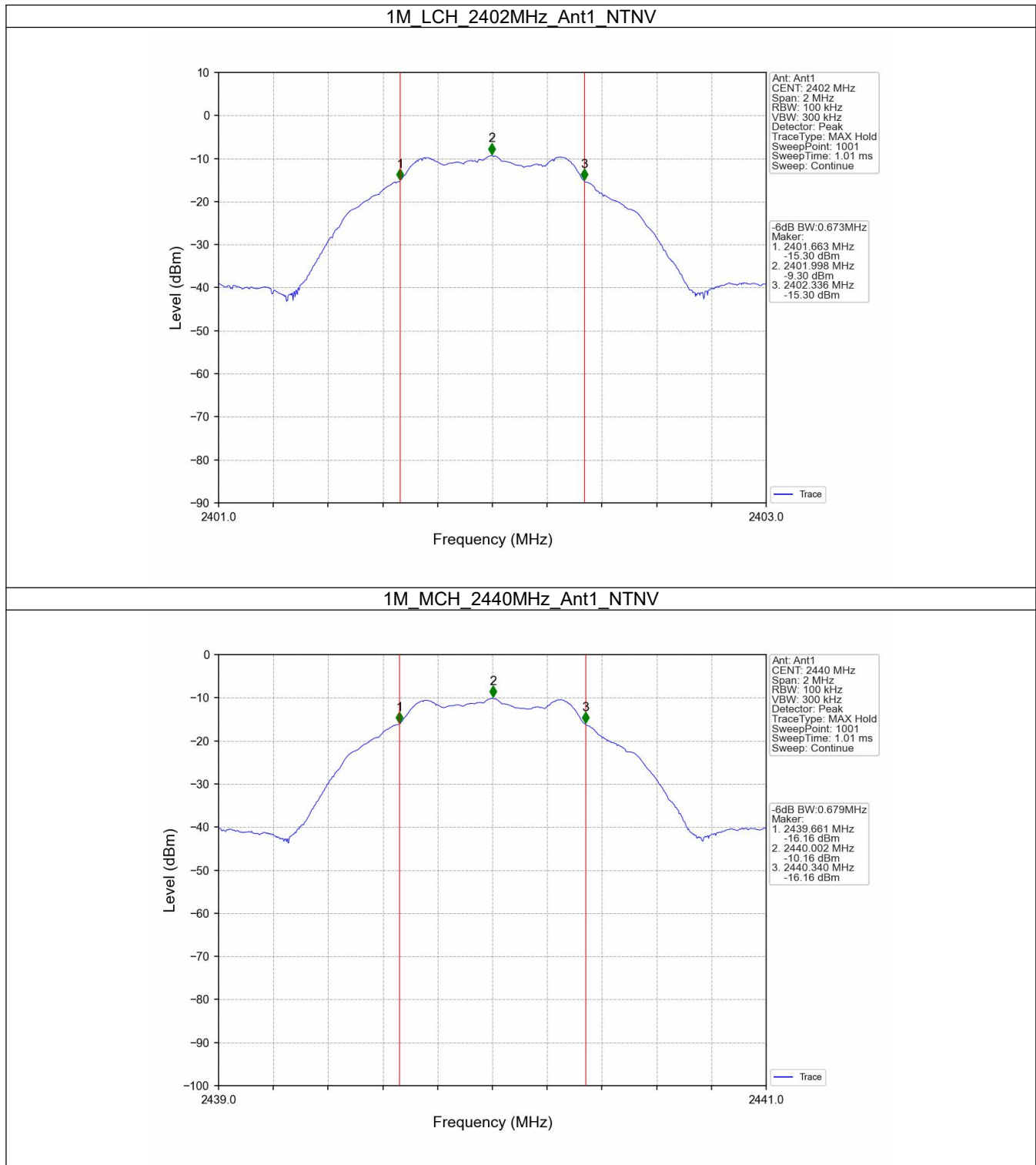


2.2 6dB BW

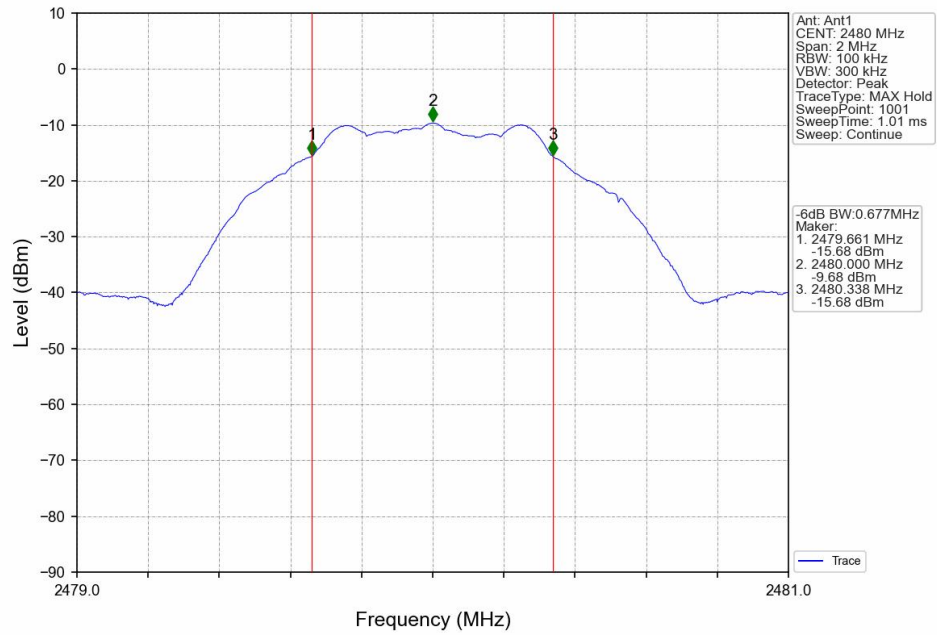
2.2.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
1M	SISO	2402	1	0.673	≥ 0.5	Pass
		2440	1	0.679	≥ 0.5	Pass
		2480	1	0.677	≥ 0.5	Pass

2.2.2 Test Graph



1M_HCH_2480MHz_Ant1_NTNV



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	-3.74	<=30	Pass
		2440	-4.60	<=30	Pass
		2480	-4.12	<=30	Pass

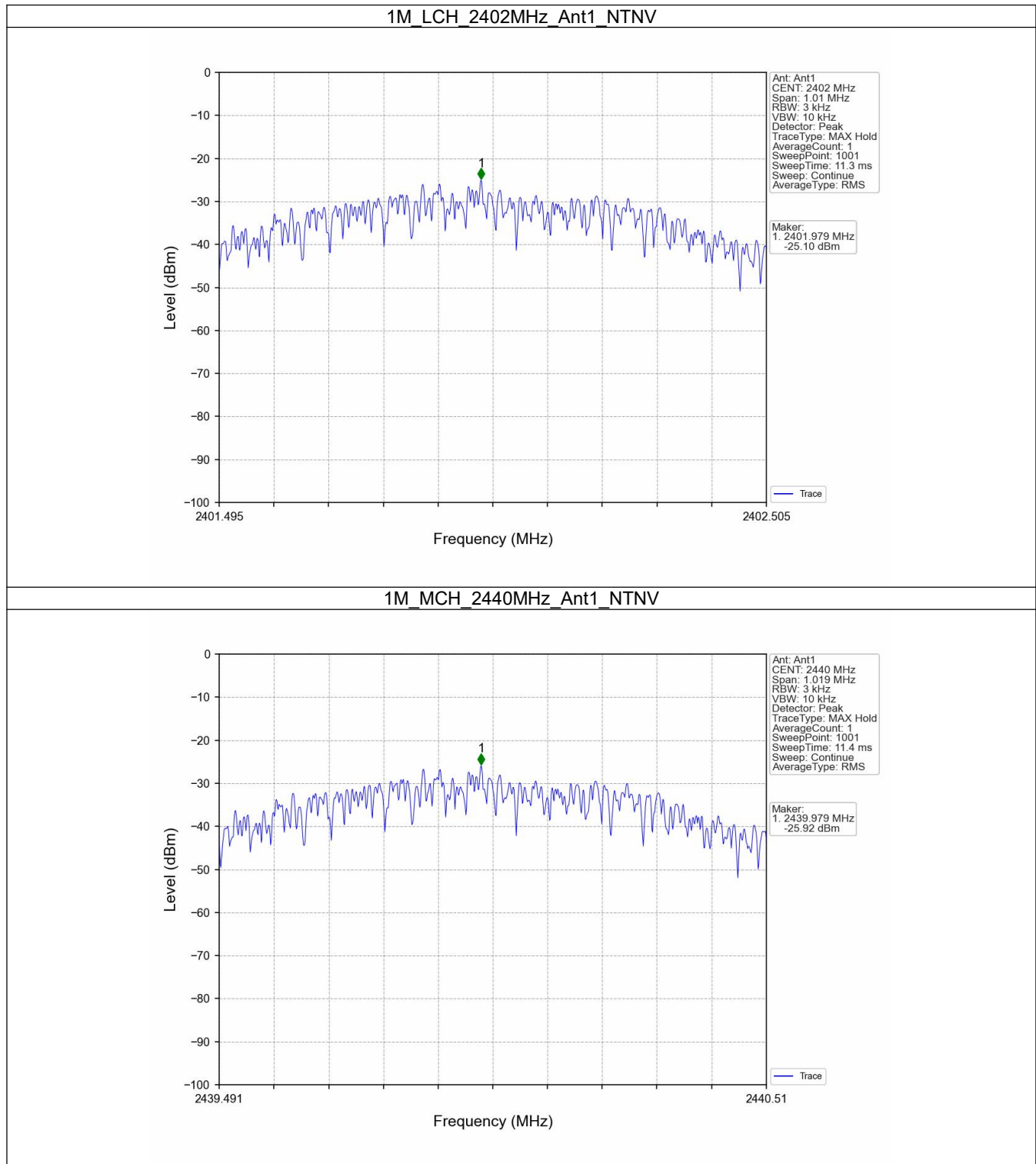
4. Maximum Power Spectral Density

4.1 PSD

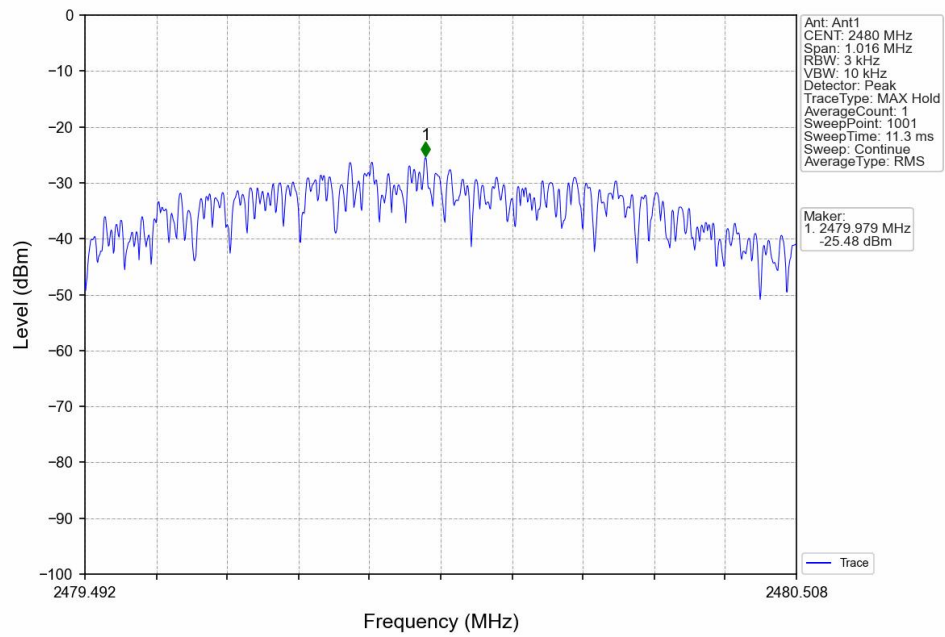
4.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/3kHz)		Verdict
			ANT1	Limit	
1M	SISO	2402	-25.10	<=8	Pass
		2440	-25.92	<=8	Pass
		2480	-25.48	<=8	Pass

4.1.2 Test Graph



1M_HCH_2480MHz_Ant1_NTNV



5. Unwanted Emissions In Non-restricted Frequency Bands

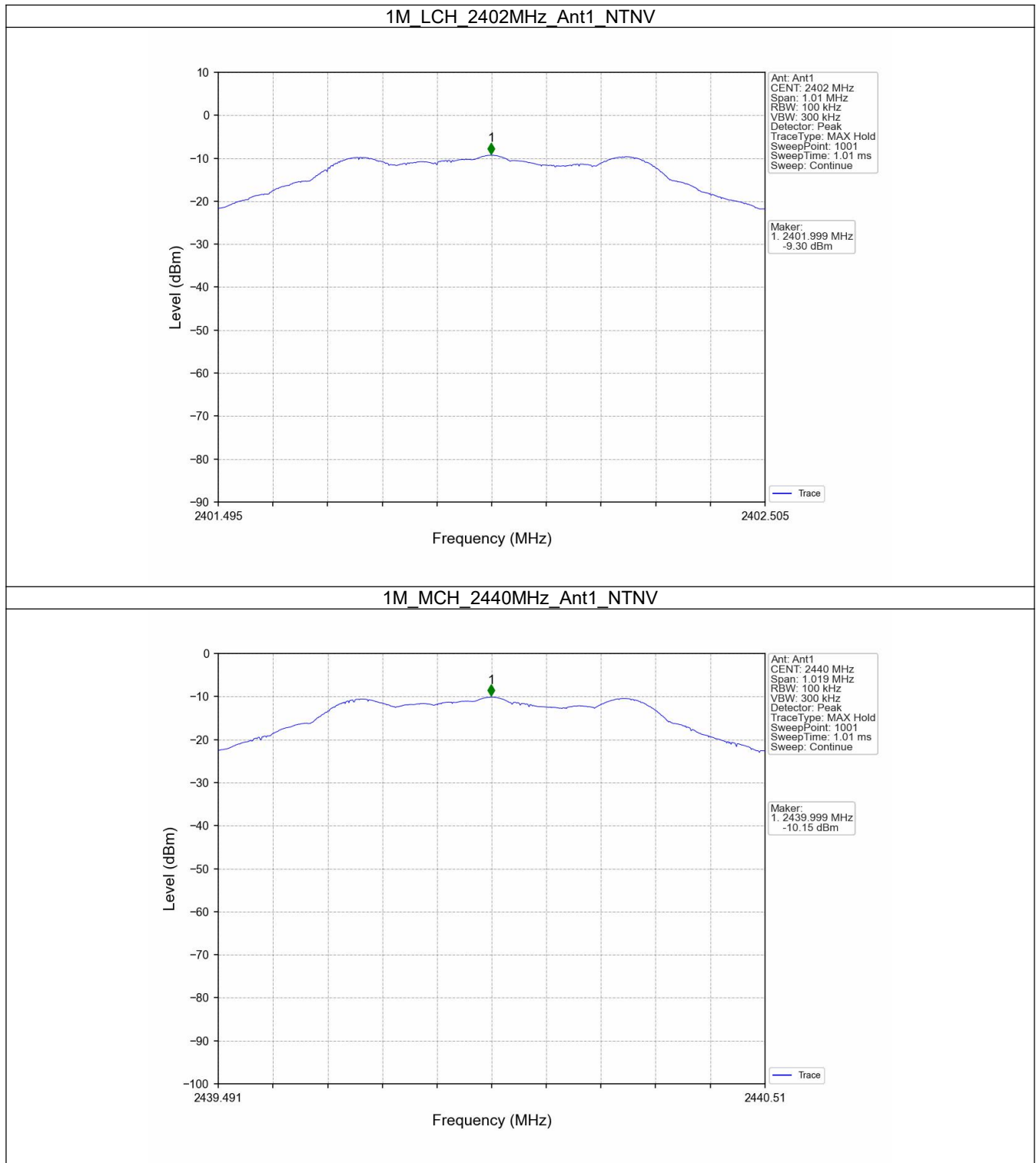
5.1 Ref

5.1.1 Test Result

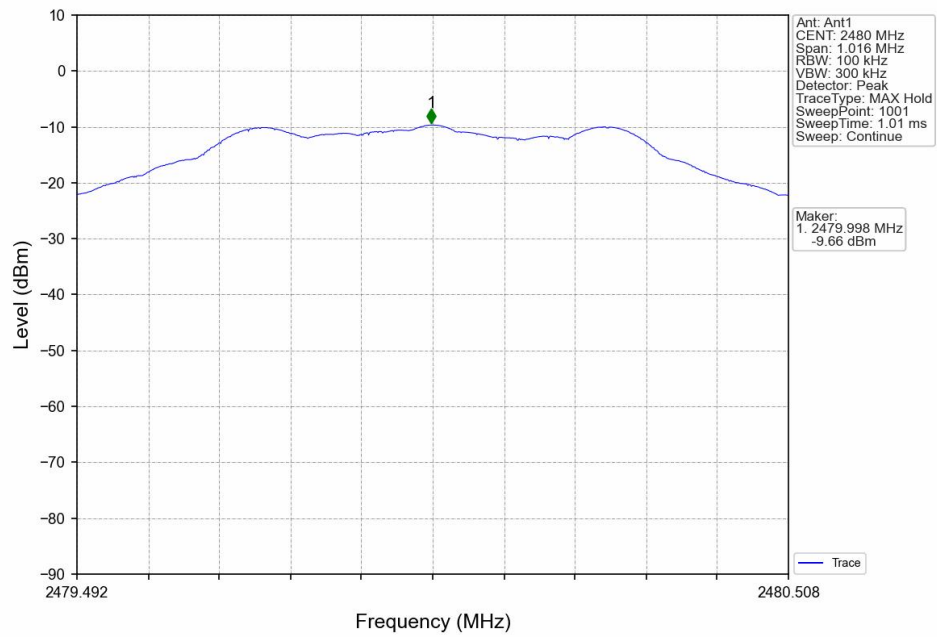
Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)
1M	SISO	2402	1	-9.30
		2440	1	-10.15
		2480	1	-9.66

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 Test Graph



1M_HCH_2480MHz_Ant1_NTNV

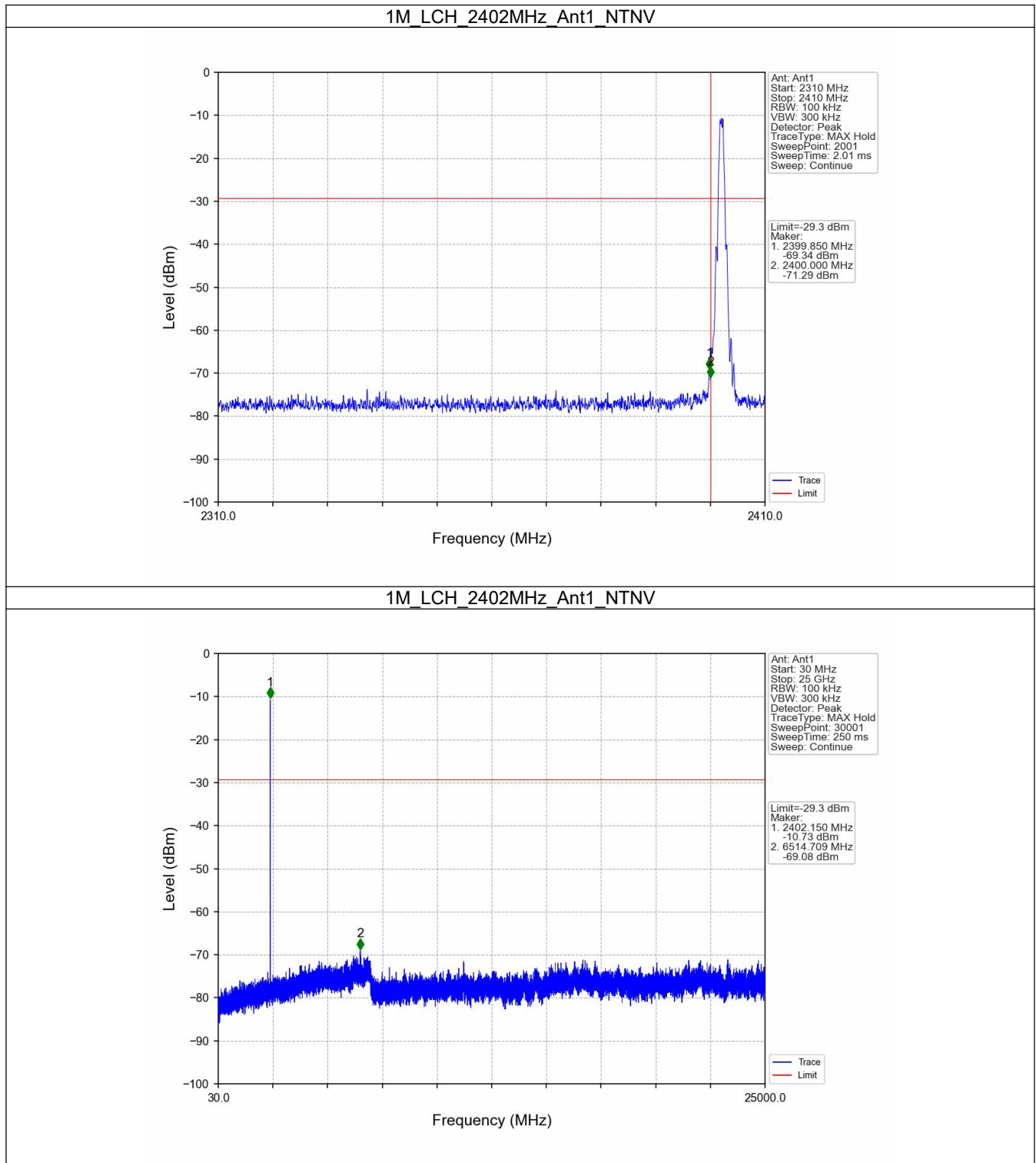


5.2 CSE

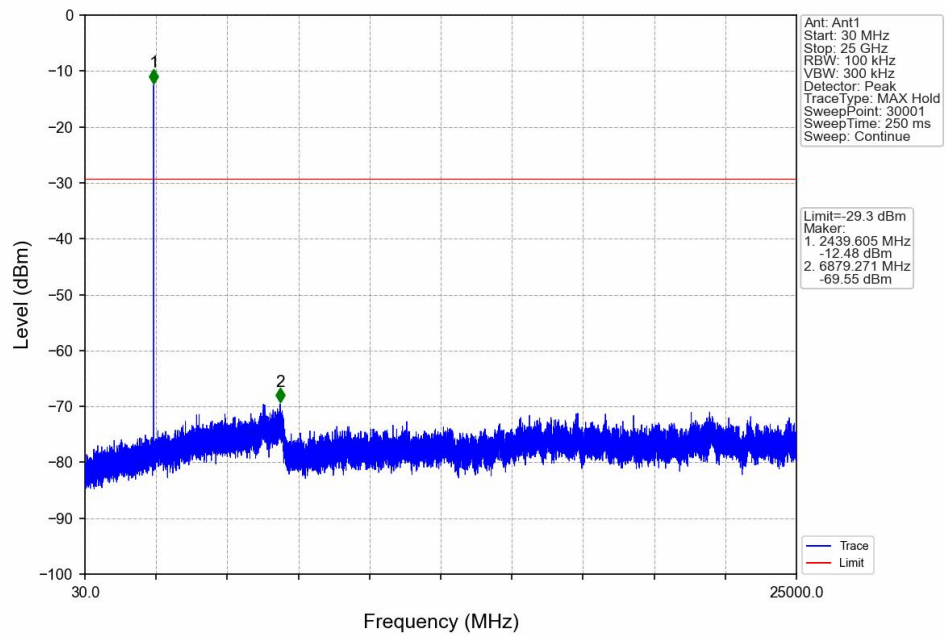
5.2.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
1M	SISO	2402	1	-9.30	-29.30	Pass
		2440	1	-9.30	-29.30	Pass
		2480	1	-9.30	-29.30	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.						

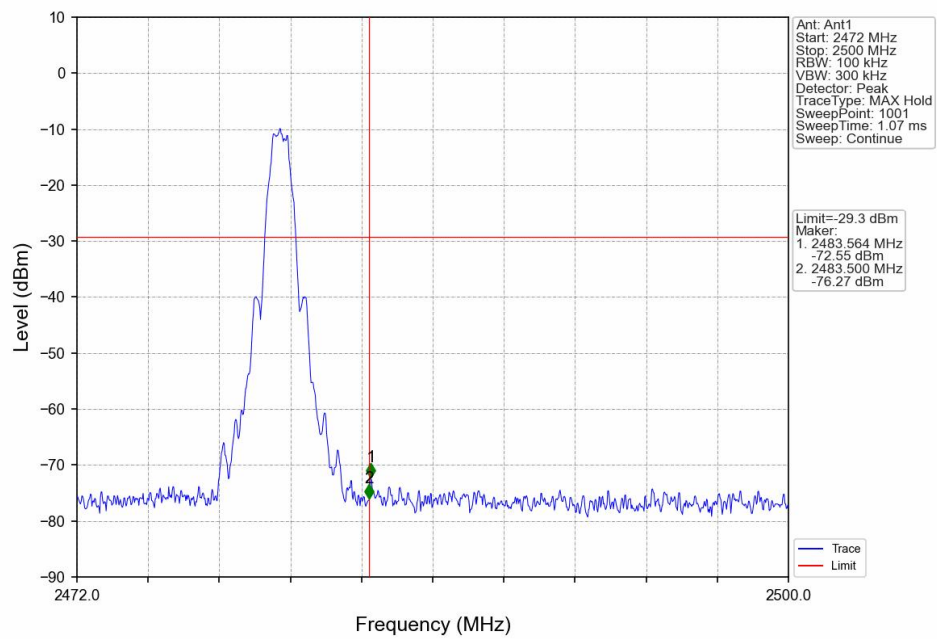
5.2.2 Test Graph



1M_MCH_2440MHz_Ant1_NTNV



1M_HCH_2480MHz_Ant1_NTNV



1M_HCH_2480MHz_Ant1_NTNV

