

Appendix B

Report No.:	CISRR23120601502
Product Name:	Wireless gamepad
Model No.:	BSP-S11
Test Engineer:	Lucas Huang
Supervised by:	Rory Huang

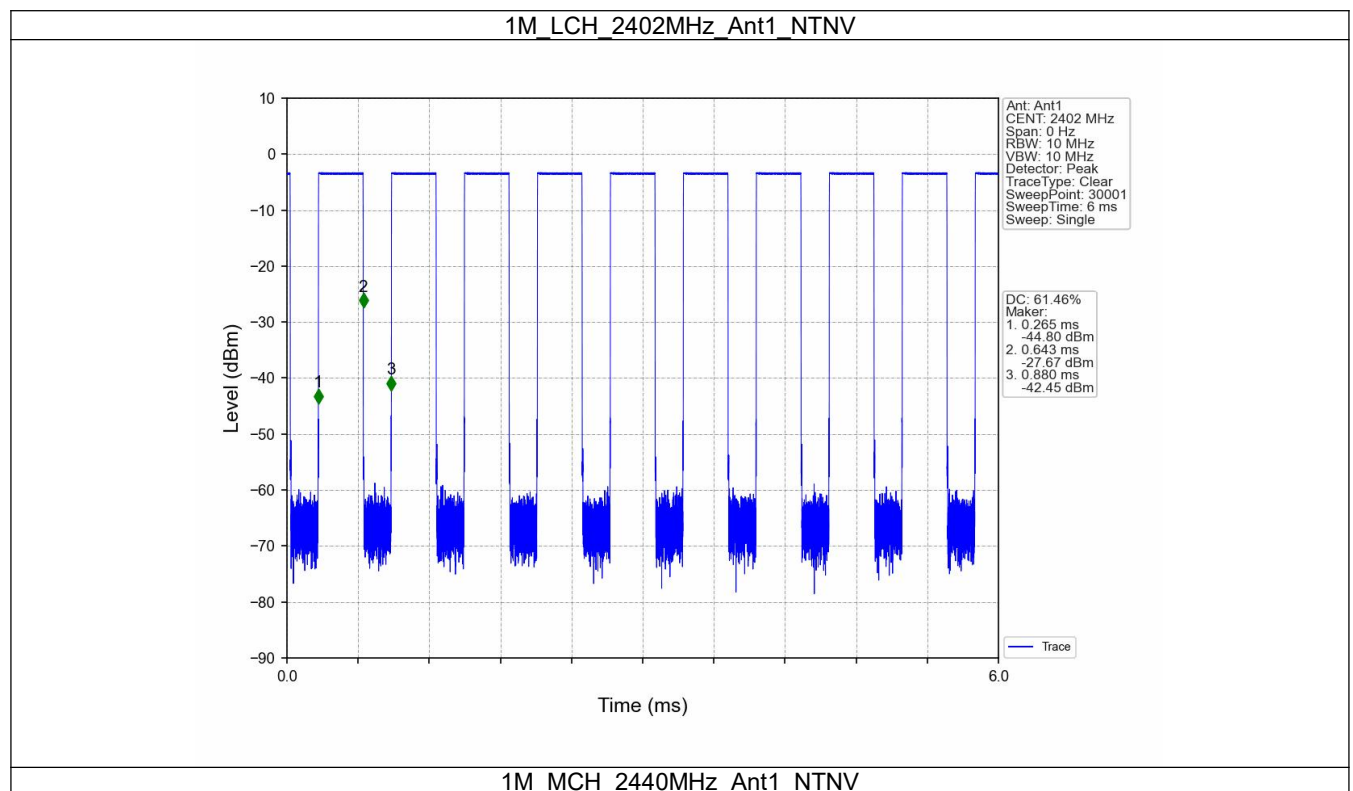
1. Duty Cycle

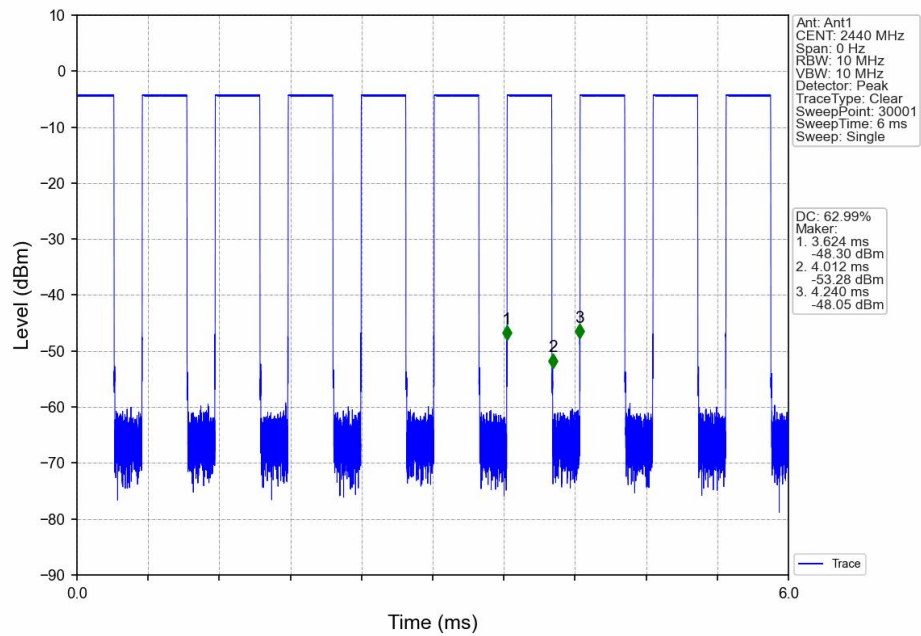
1.1 Ant1

1.1.1 Test Result

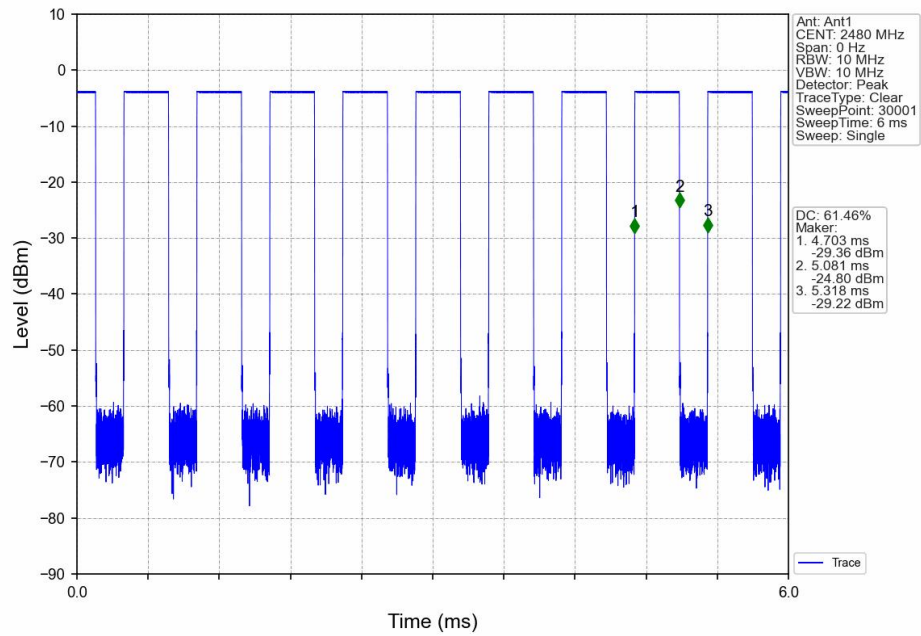
Ant1								
Mode	TX Type	Frequency (MHz)	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)	1/T
1M	SISO	2402	0.378	0.615	61.46	2.11	0.00	2.65
		2440	0.388	0.616	62.99	2.01	0.03	2.58
		2480	0.378	0.615	61.46	2.11	0.03	2.65

1.1.2 Test Graph





1M_HCH_2480MHz_Ant1_NTNV



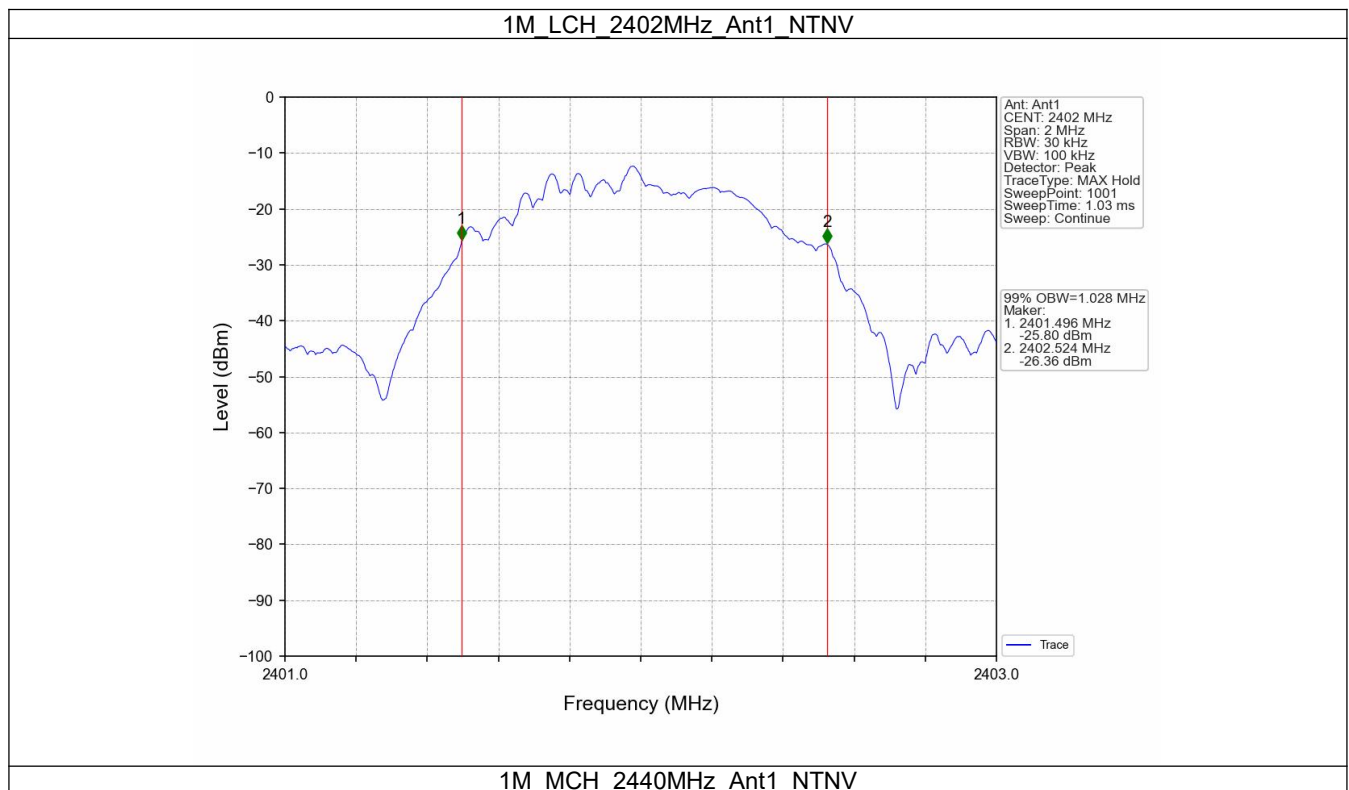
2. Bandwidth

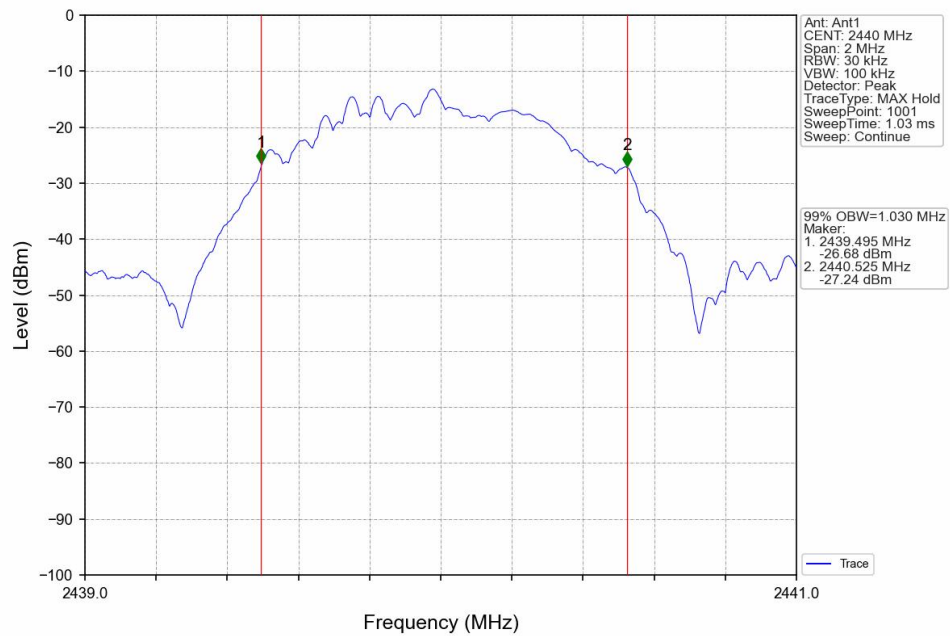
2.1 OBW

2.1.1 Test Result

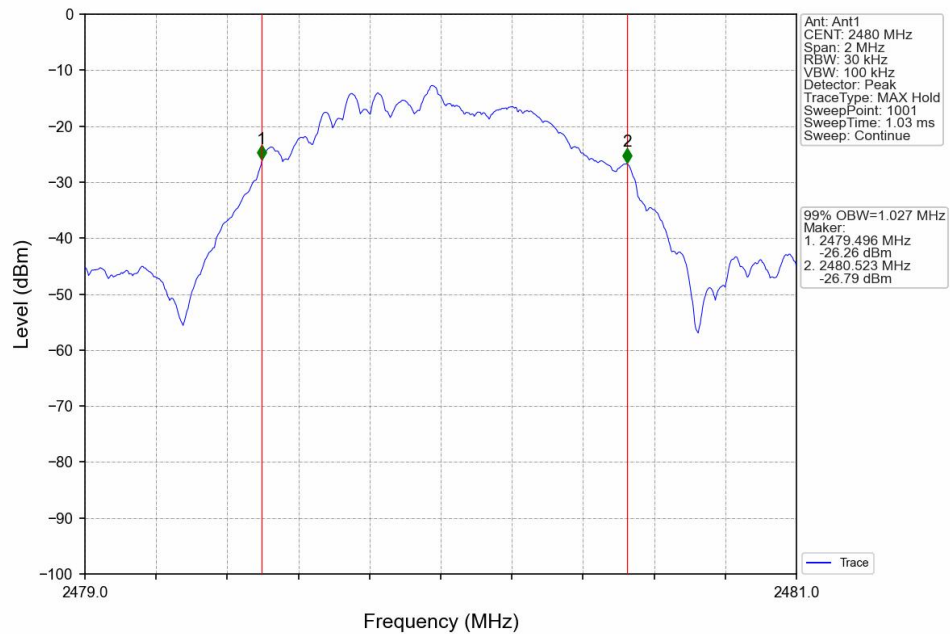
Mode	TX Type	Frequency (MHz)	ANT	99% Occupied Bandwidth (MHz)		Verdict
				Result	Limit	
1M	SISO	2402	1	1.028	/	Pass
		2440	1	1.030	/	Pass
		2480	1	1.027	/	Pass

2.1.2 Test Graph





1M_HCH_2480MHz_Ant1_NTNV

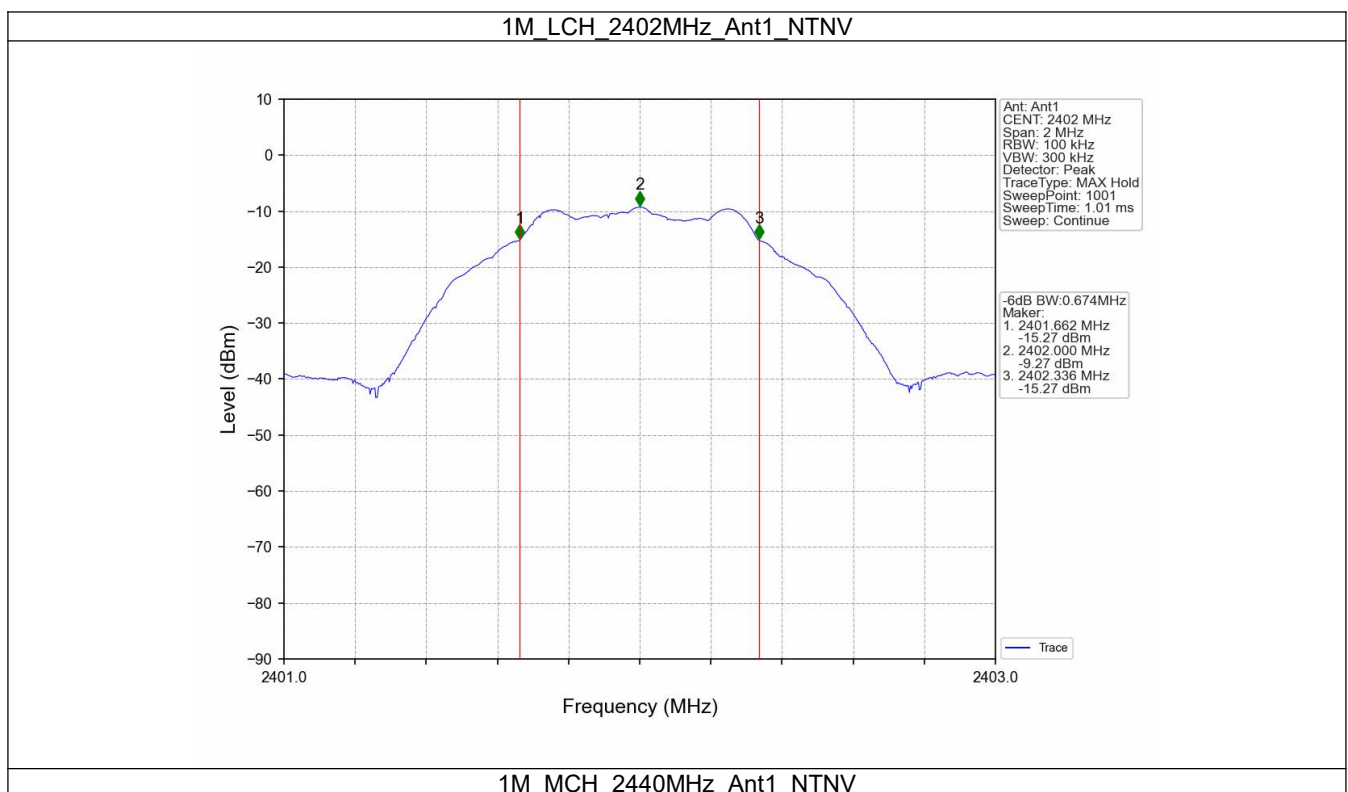


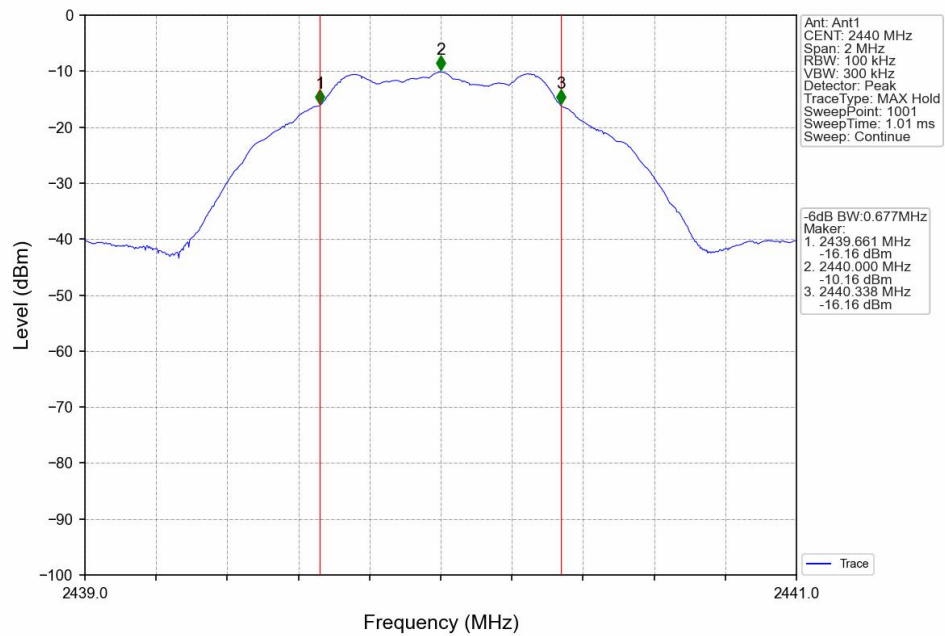
2.2 6dB BW

2.2.1 Test Result

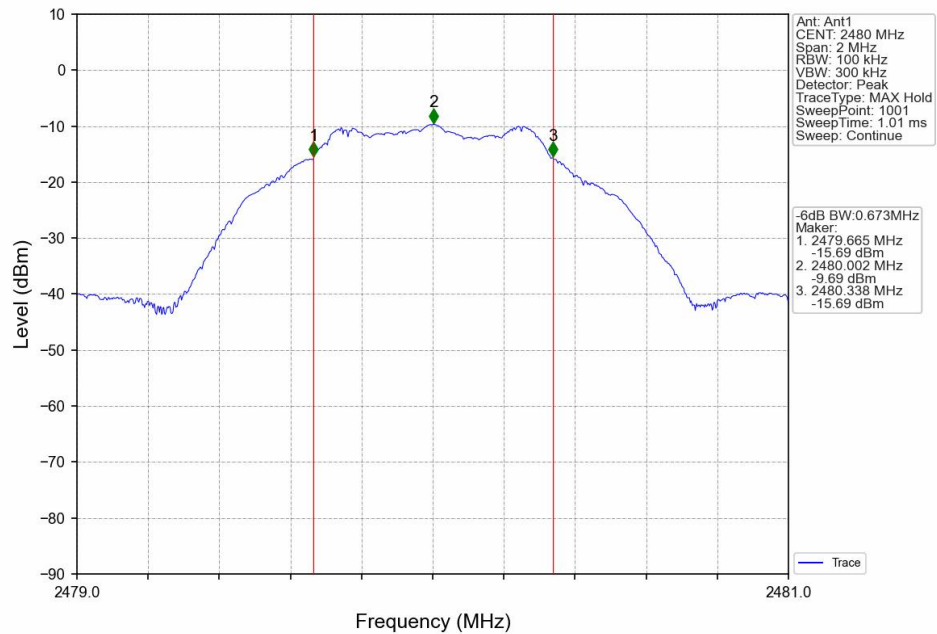
Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
1M	SISO	2402	1	0.674	≥ 0.5	Pass
		2440	1	0.677	≥ 0.5	Pass
		2480	1	0.673	≥ 0.5	Pass

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	-8.71	<=30	Pass
		2440	-9.60	<=30	Pass
		2480	-9.14	<=30	Pass

4. Maximum Power Spectral Density

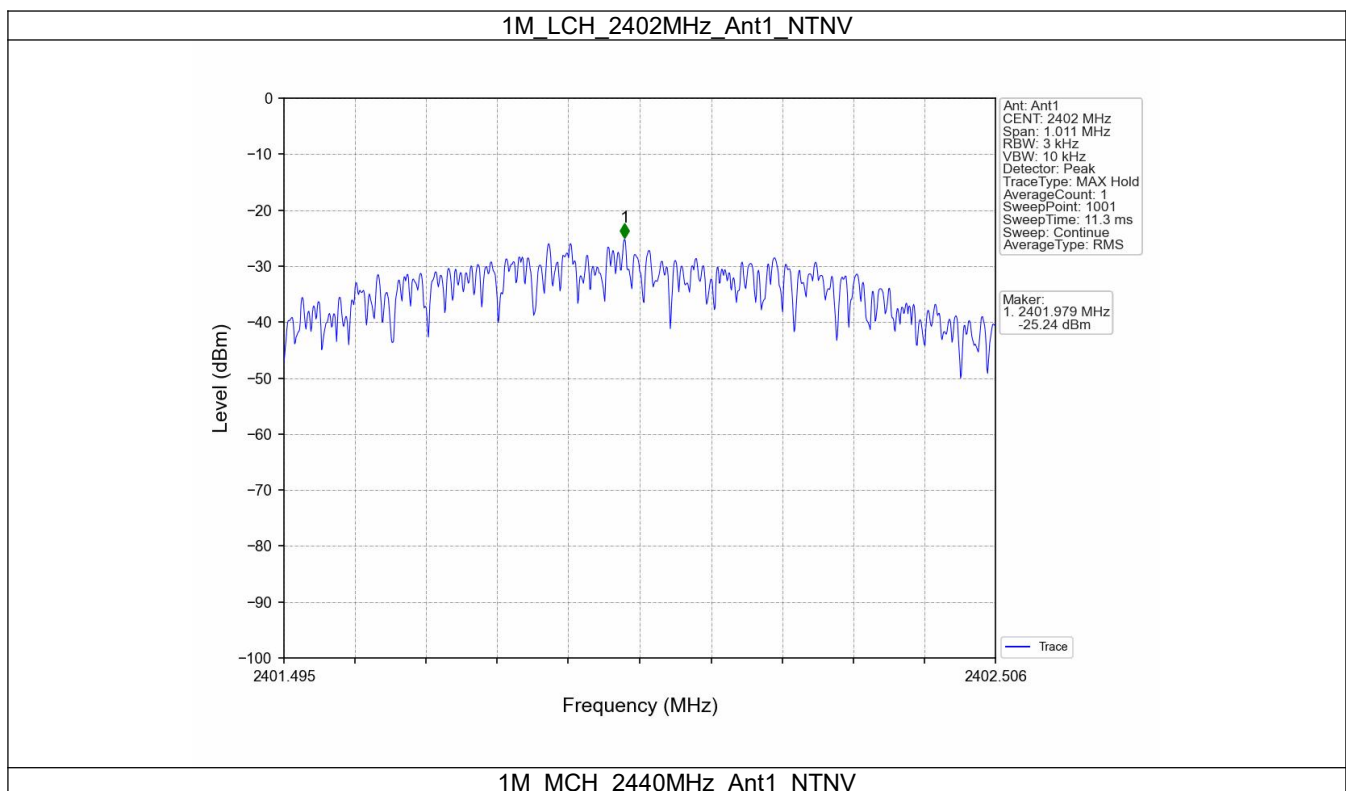
4.1 PSD

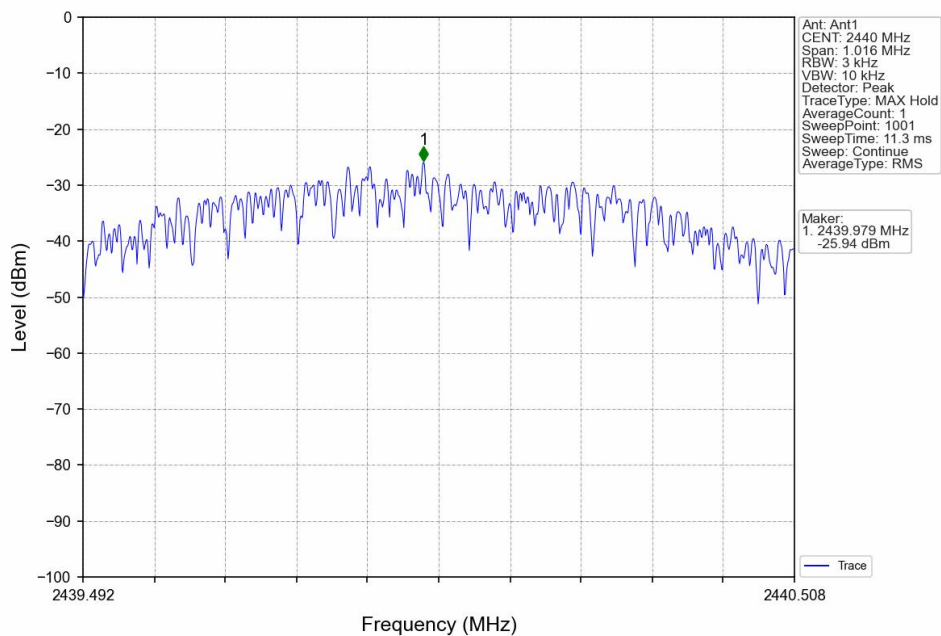
4.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/3kHz)		Verdict
			ANT1	Limit	
1M	SISO	2402	-25.24	<=8	Pass
		2440	-25.94	<=8	Pass
		2480	-25.50	<=8	Pass

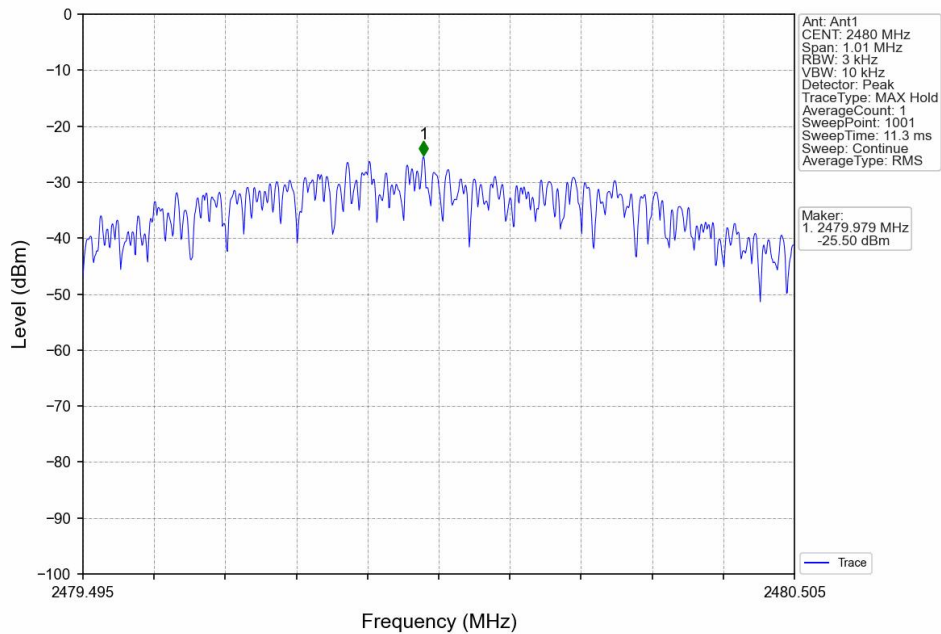
Note1: Antenna Gain: Ant1: 3.00dBi;

4.1.2 Test Graph





1M_HCH_2480MHz_Ant1_NTNV



5. Unwanted Emissions In Non-restricted Frequency Bands

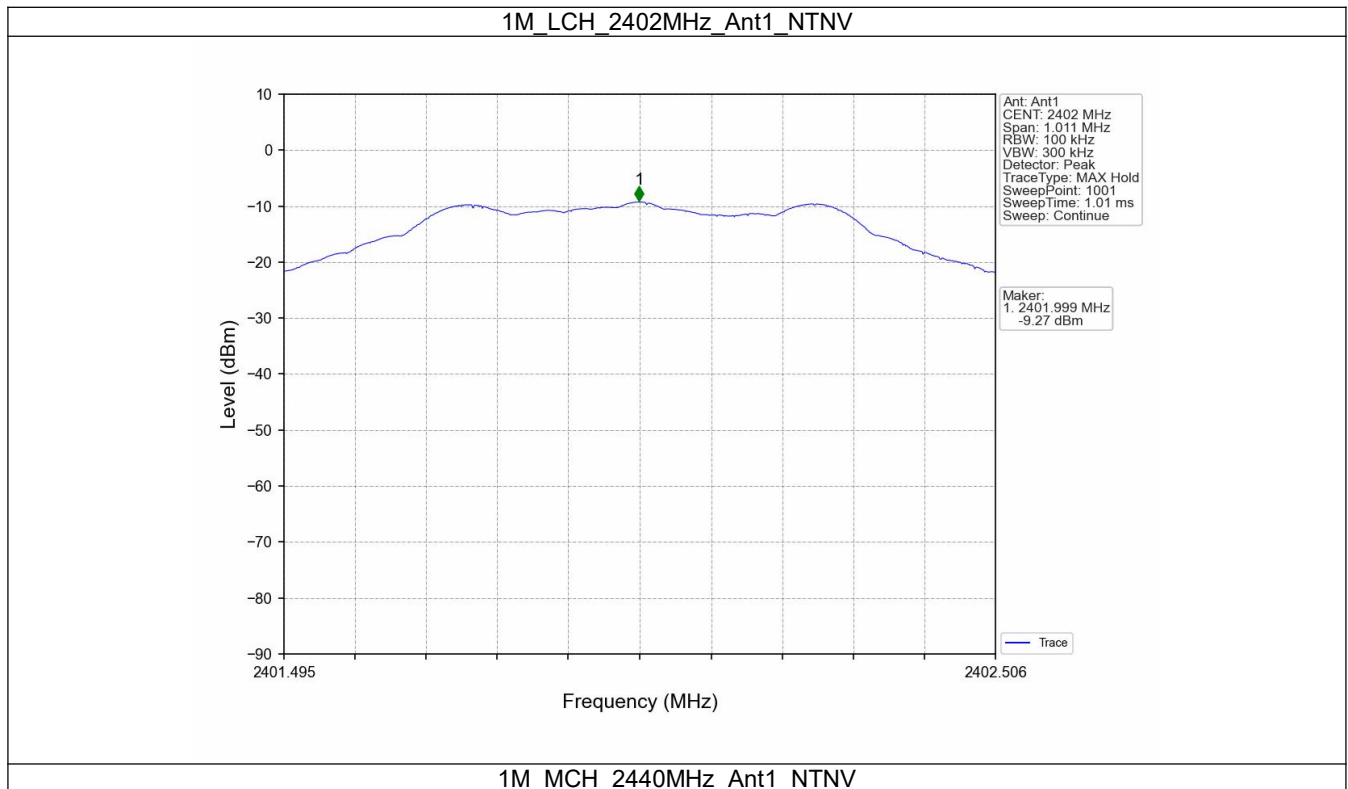
5.1 Ref

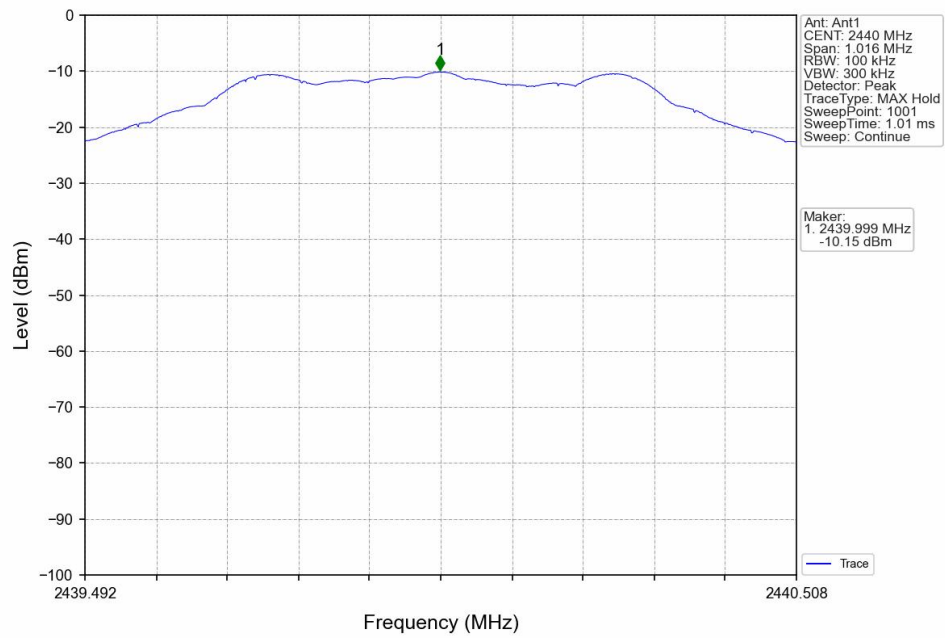
5.1.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)
1M	SISO	2402	1	-9.27
		2440	1	-10.15
		2480	1	-9.69

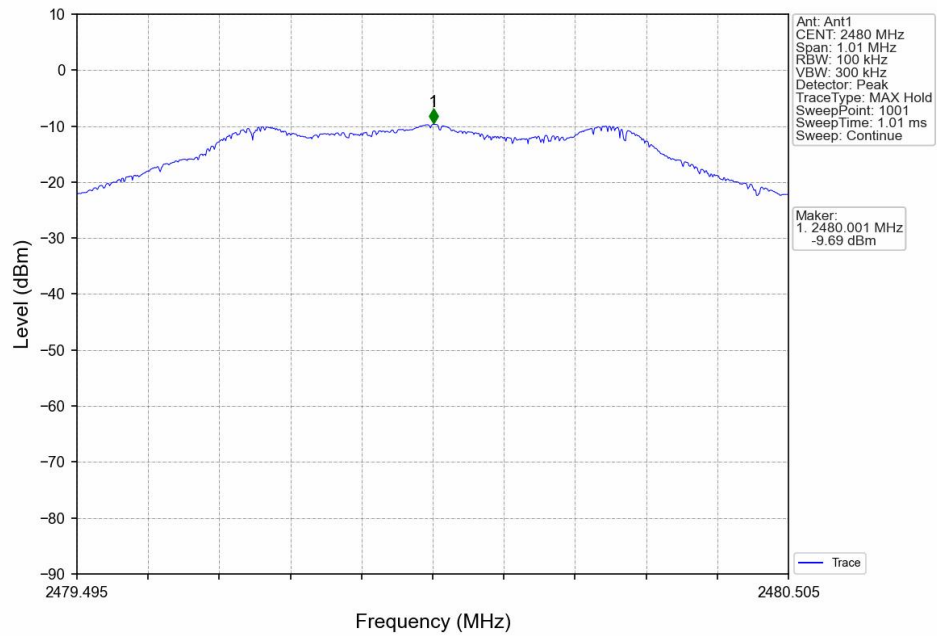
Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2013, the channel contains the maximum PSD level was used to establish the reference level.

5.1.2 Test Graph





1M_HCH_2480MHz_Ant1_NTNV

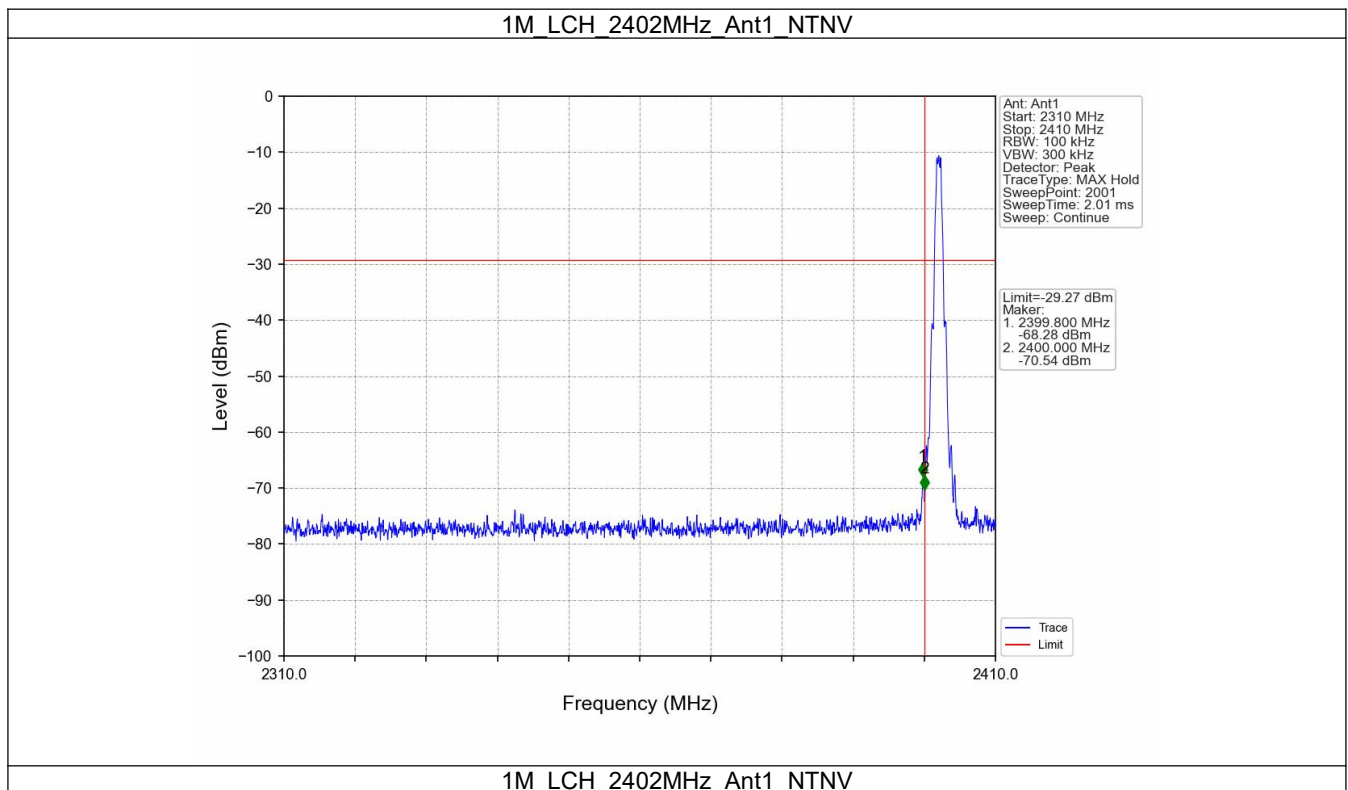


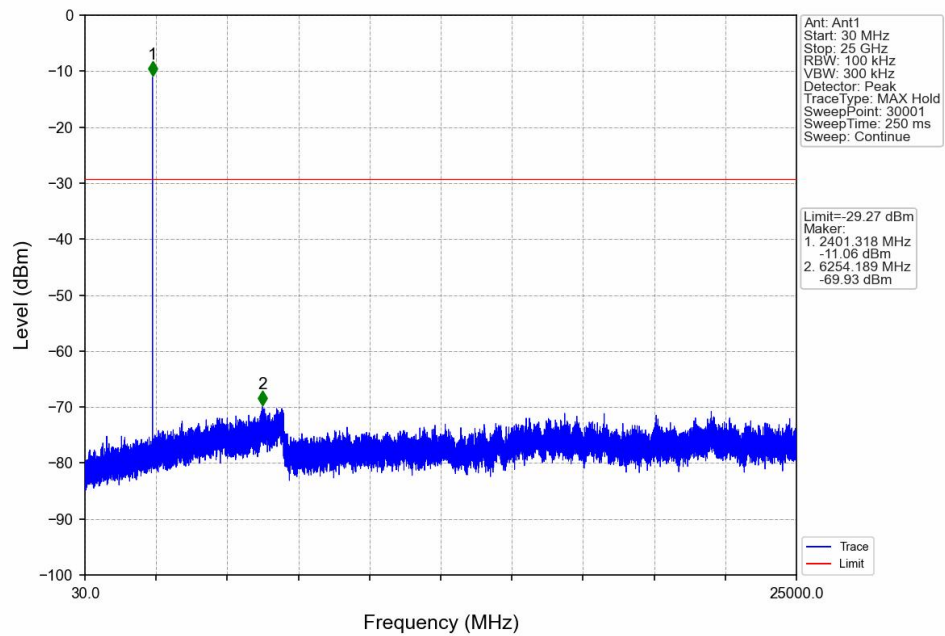
5.2 CSE

5.2.1 Test Result

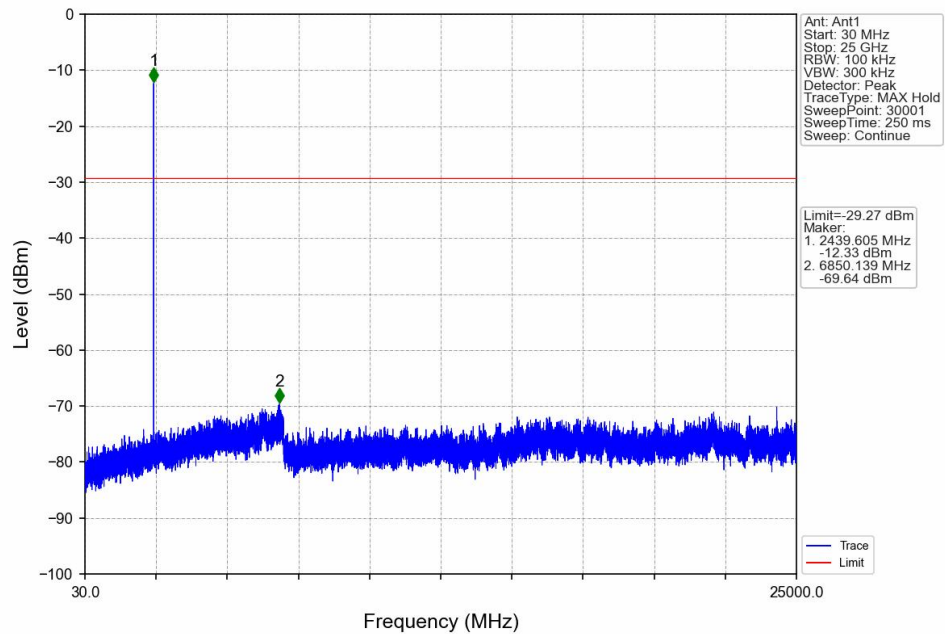
Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
1M	SISO	2402	1	-9.27	-29.27	Pass
		2440	1	-9.27	-29.27	Pass
		2480	1	-9.27	-29.27	Pass
Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2013, the channel contains the maximum PSD level was used to establish the reference level.						

5.2.2 Test Graph

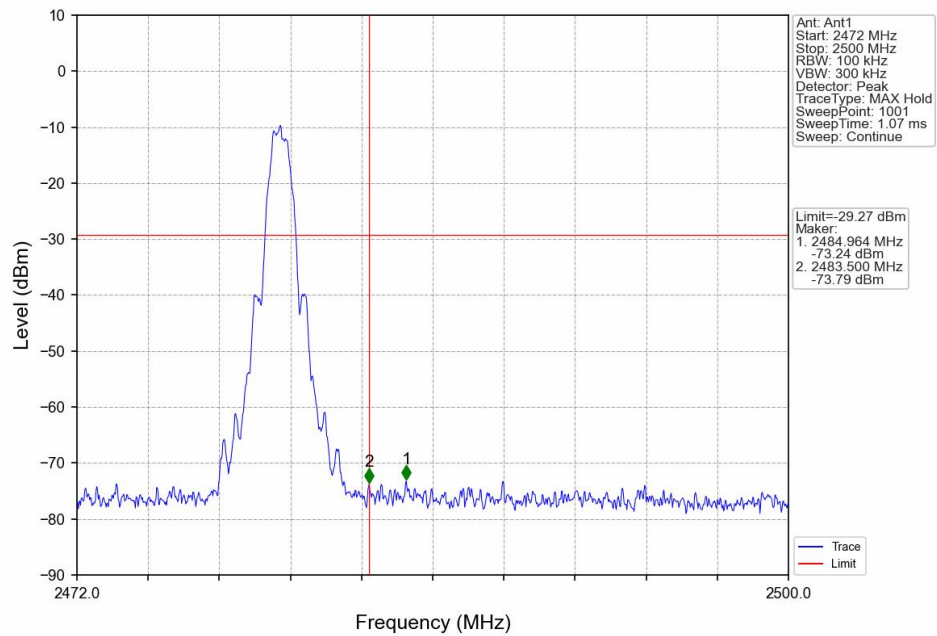




1M_MCH_2440MHz_Ant1_NTNV



1M_HCH_2480MHz_Ant1_NTNV



1M_HCH_2480MHz_Ant1_NTNV

