

# Appendix A

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

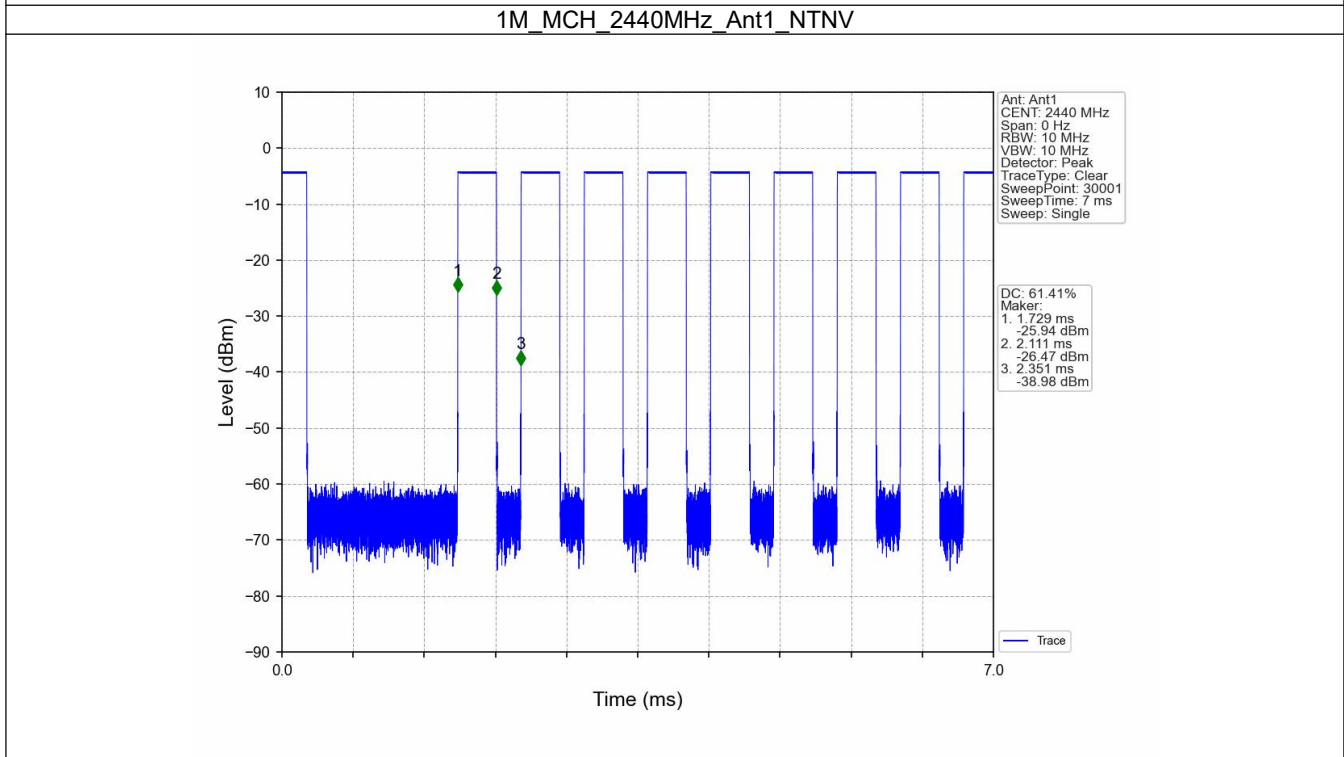
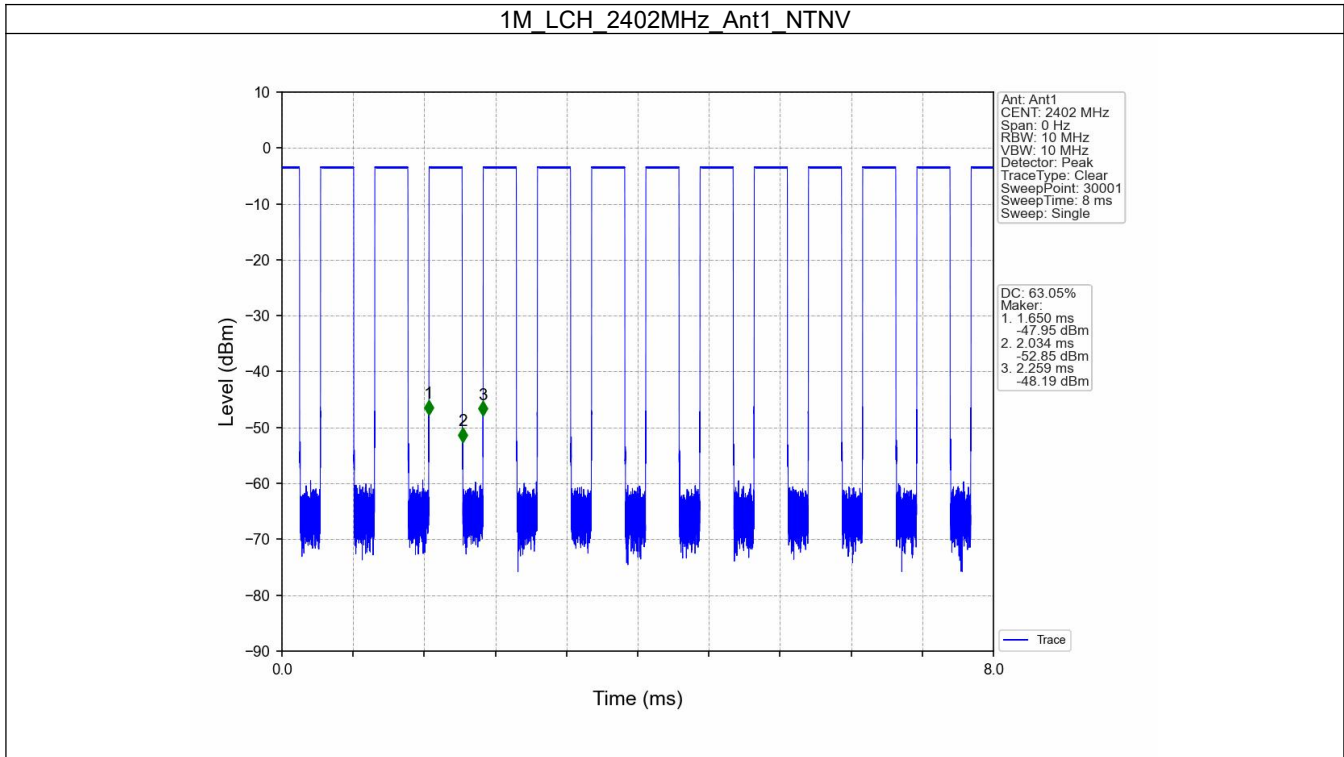
## 1. Duty Cycle

### 1.1 Ant1

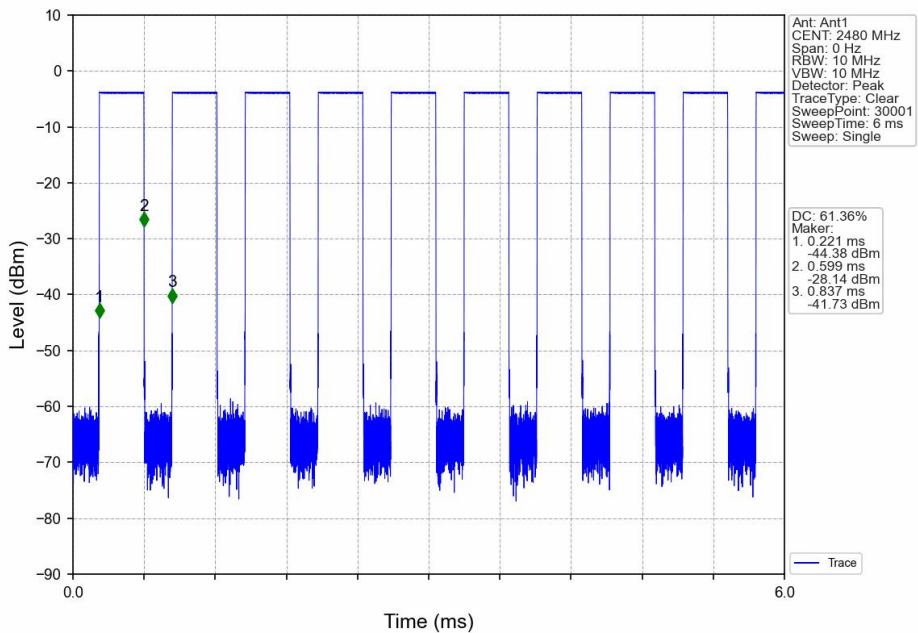
#### 1.1.1 Test Result

Ant1								
Mode	TX Type	Frequency (MHz)	T <sub>on</sub> (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

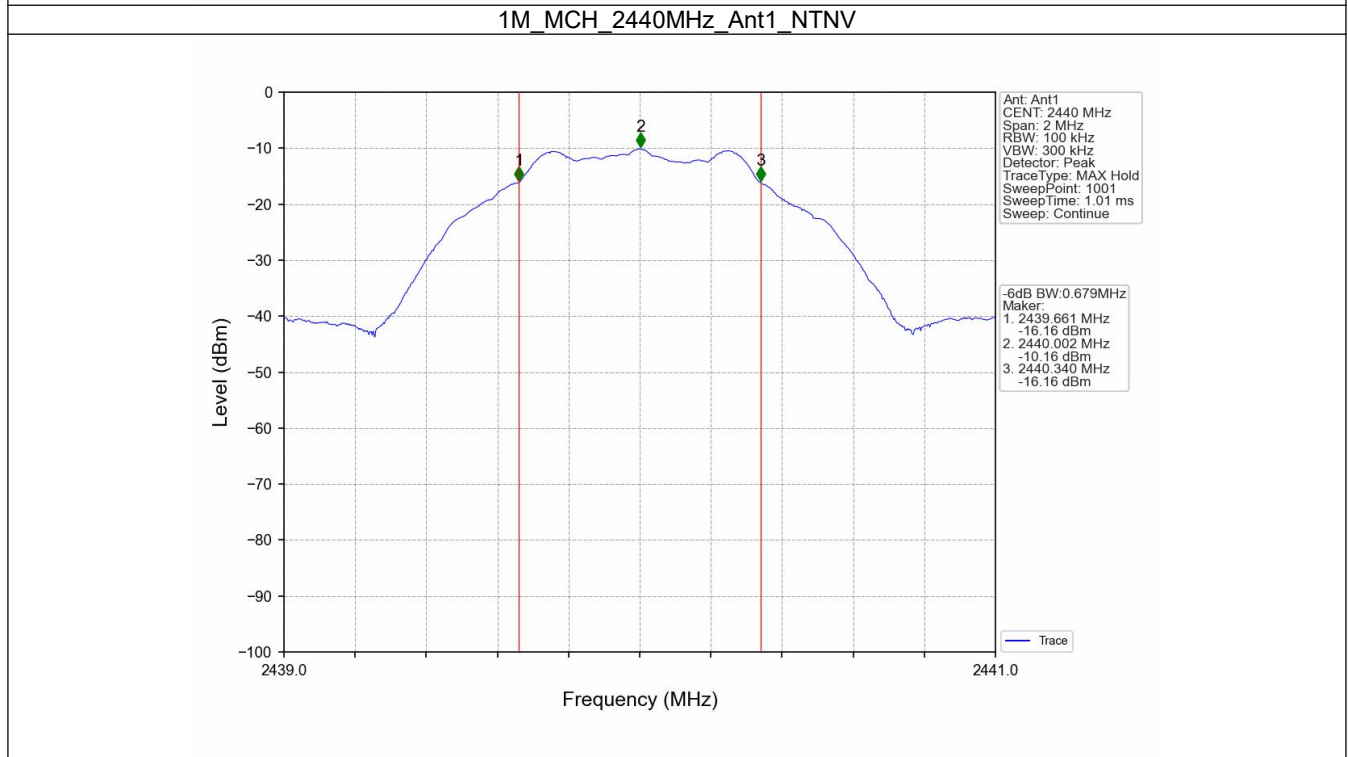
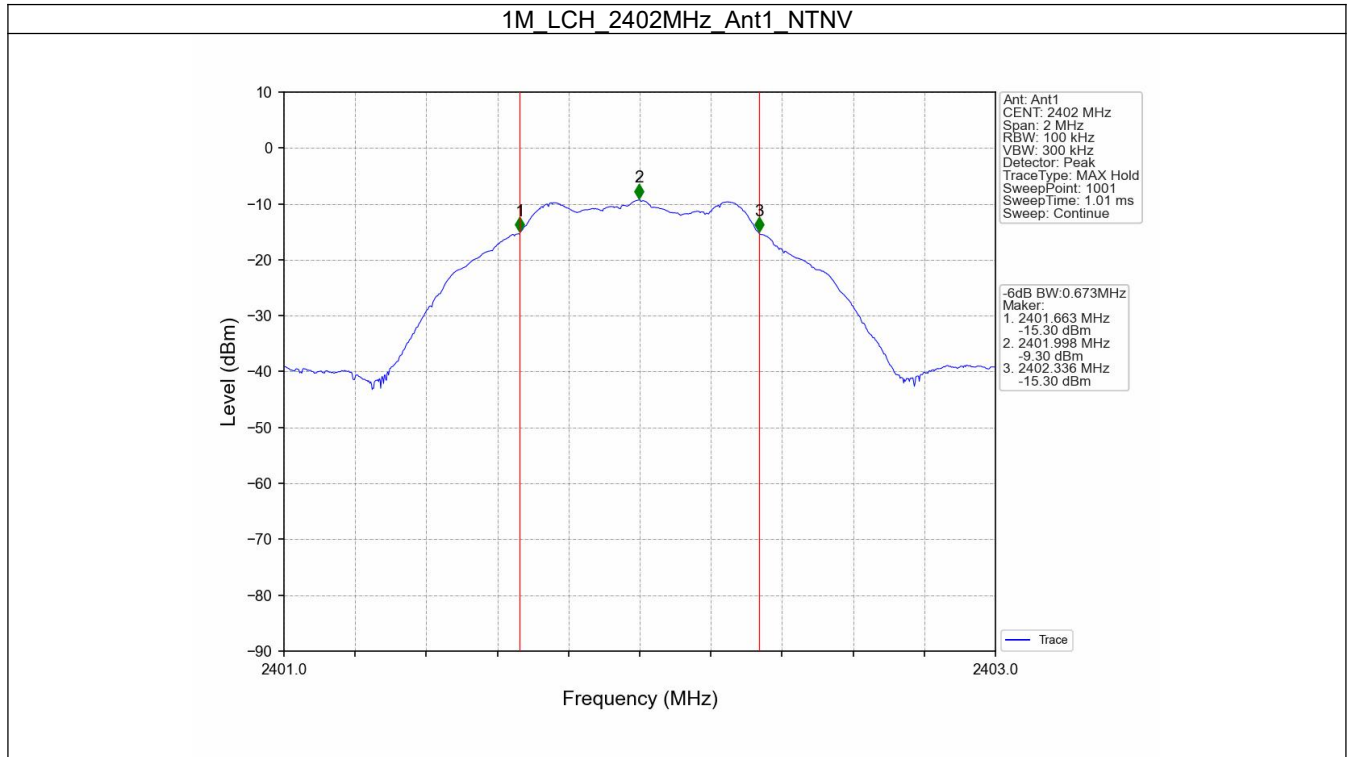


## 2.2 6dB BW

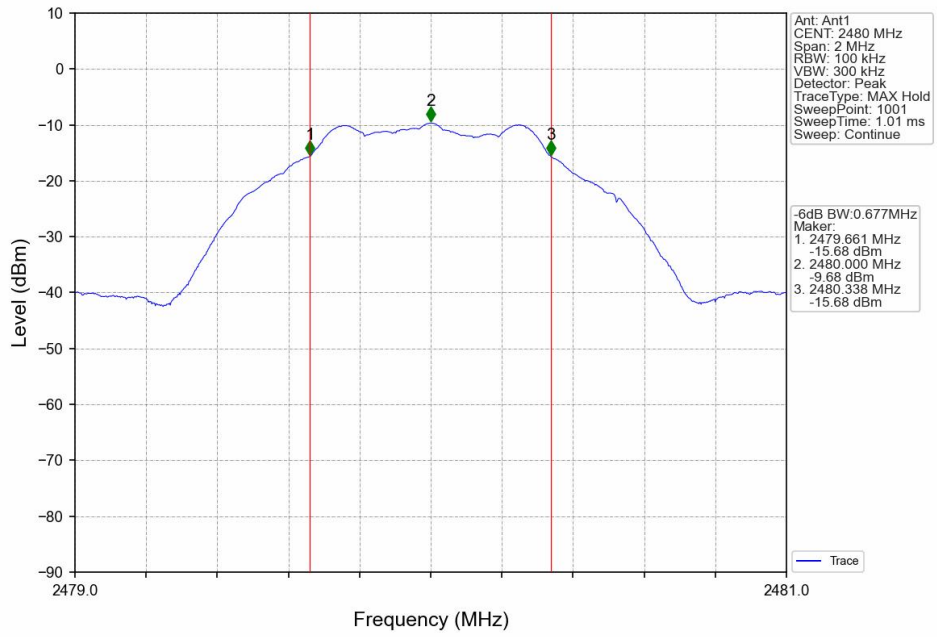
### 2.2.1 Test Result

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



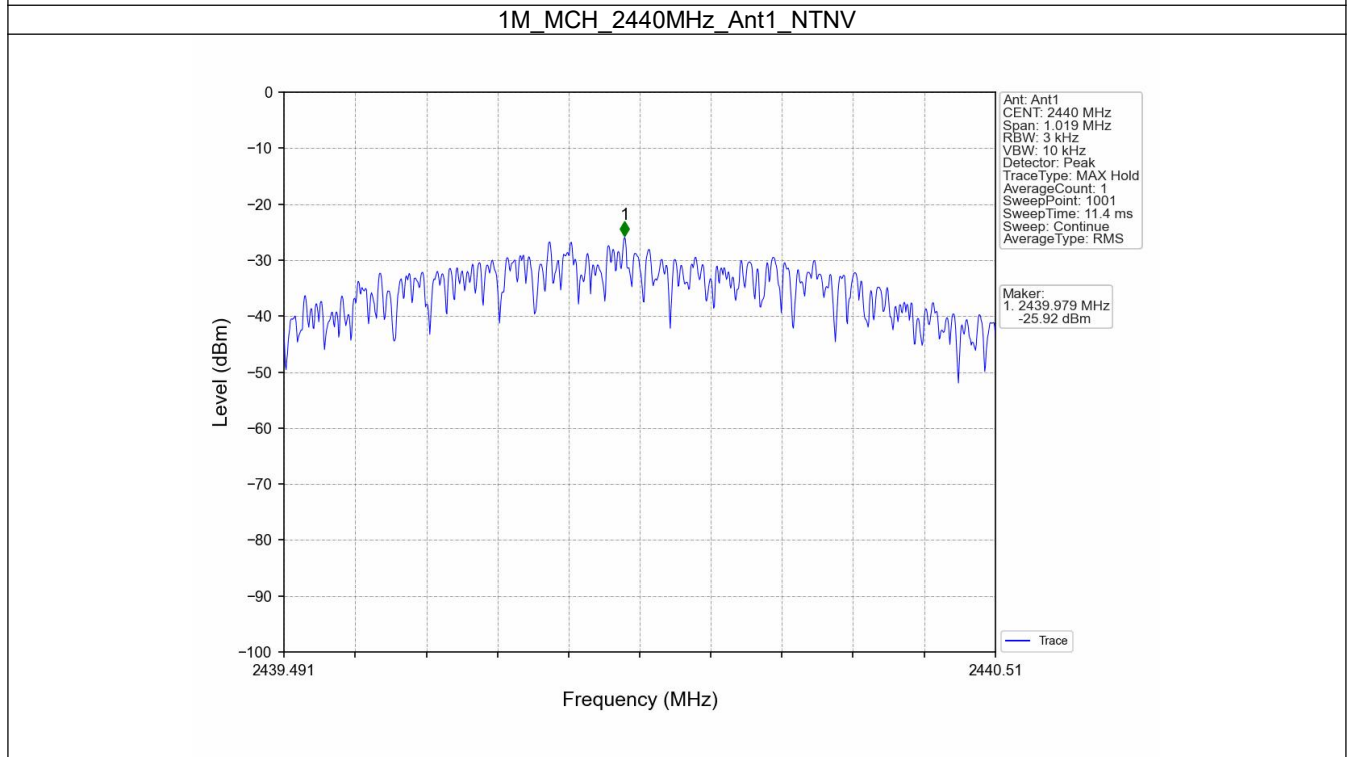
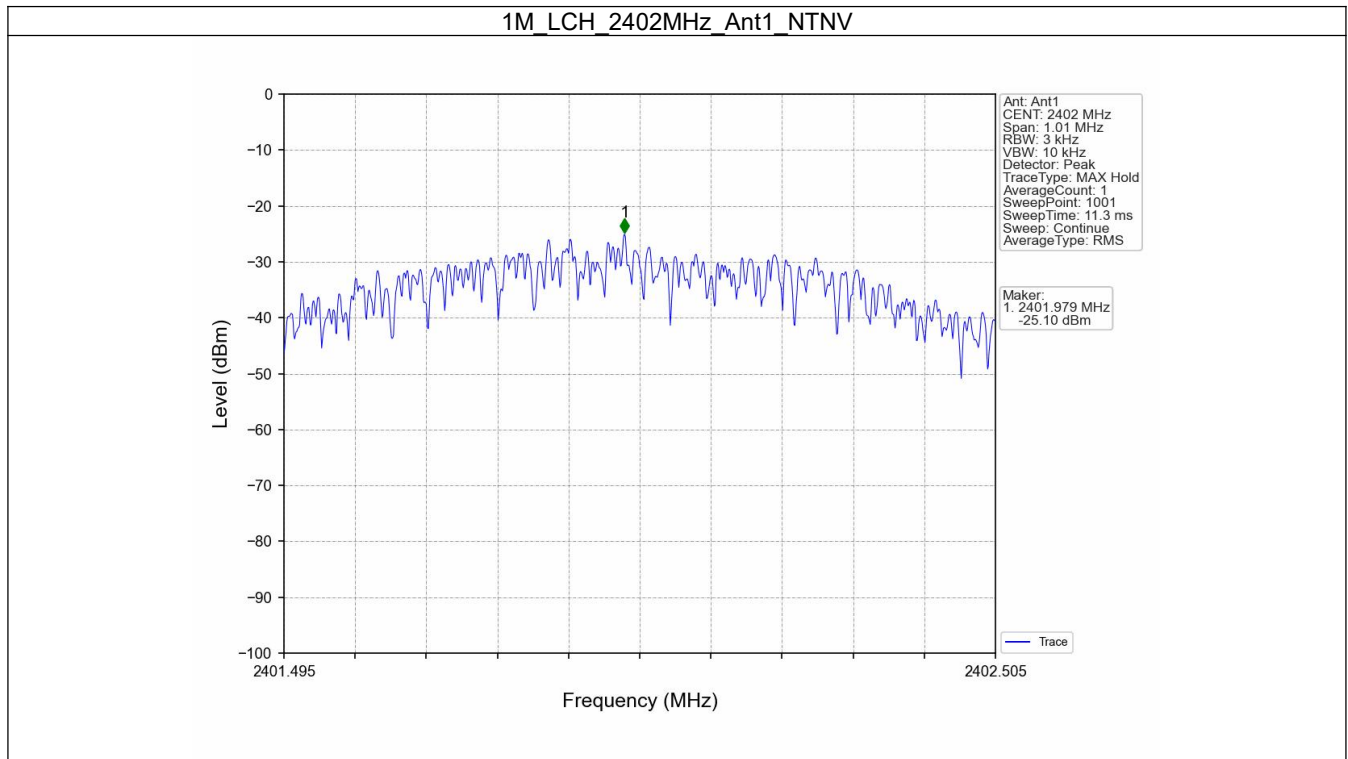
## 4. Maximum Power Spectral Density

### 4.1 PSD

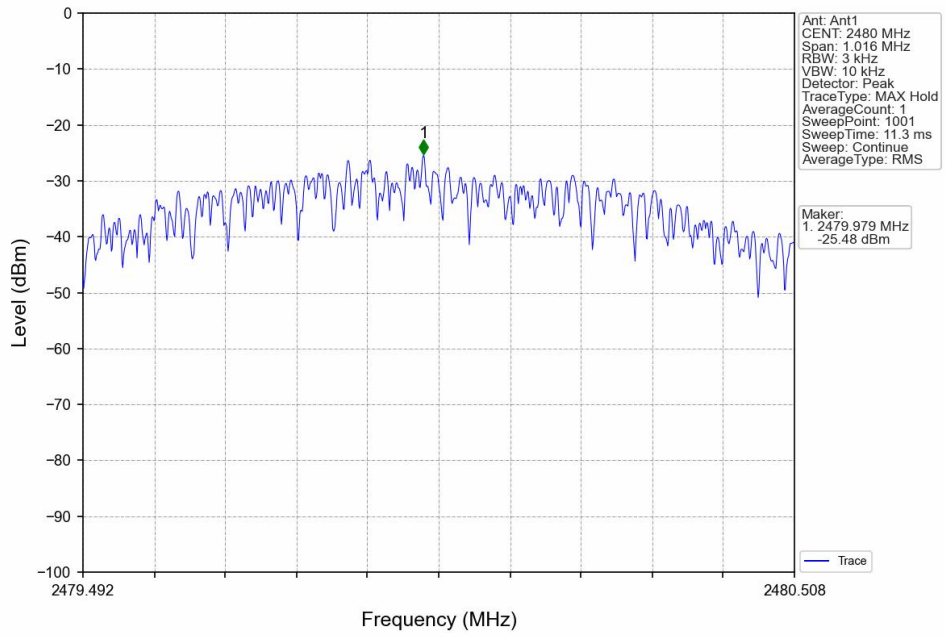
#### 4.1.1 Test Result

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

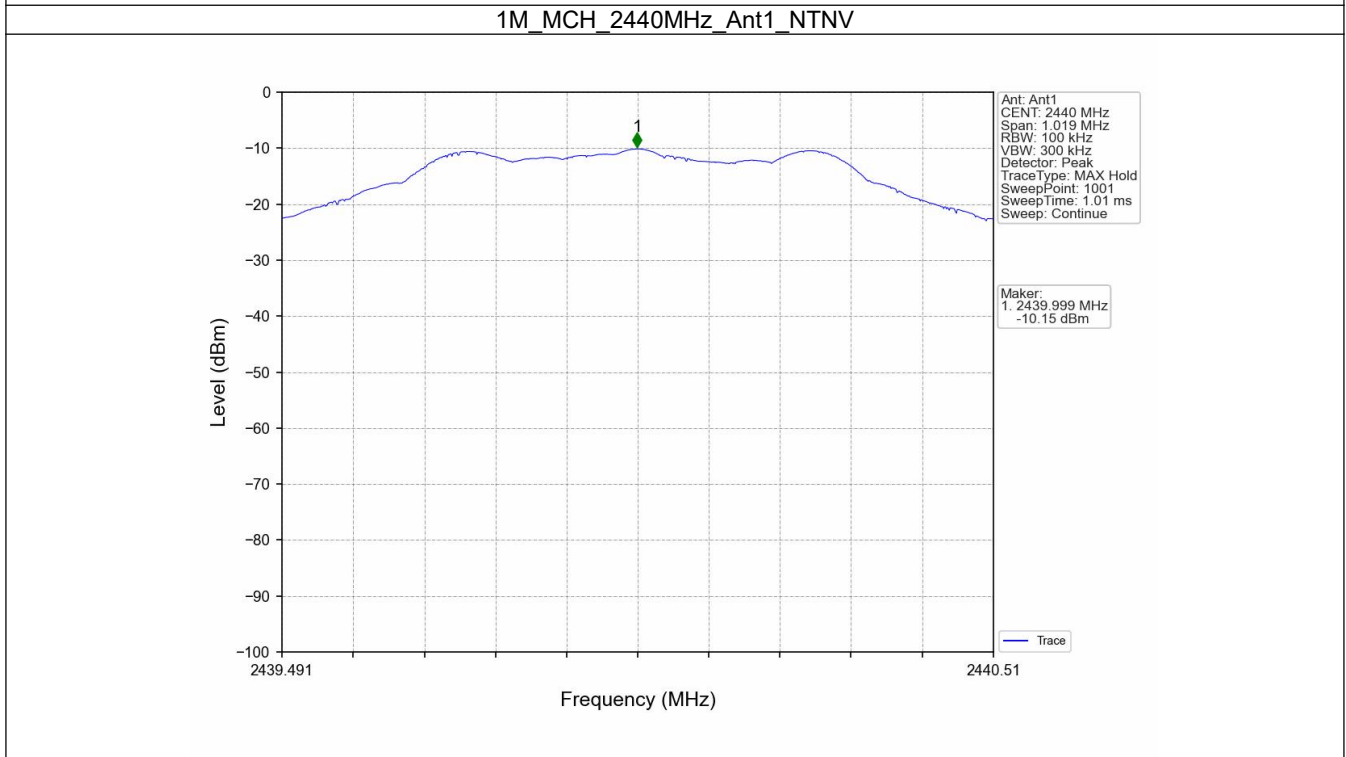
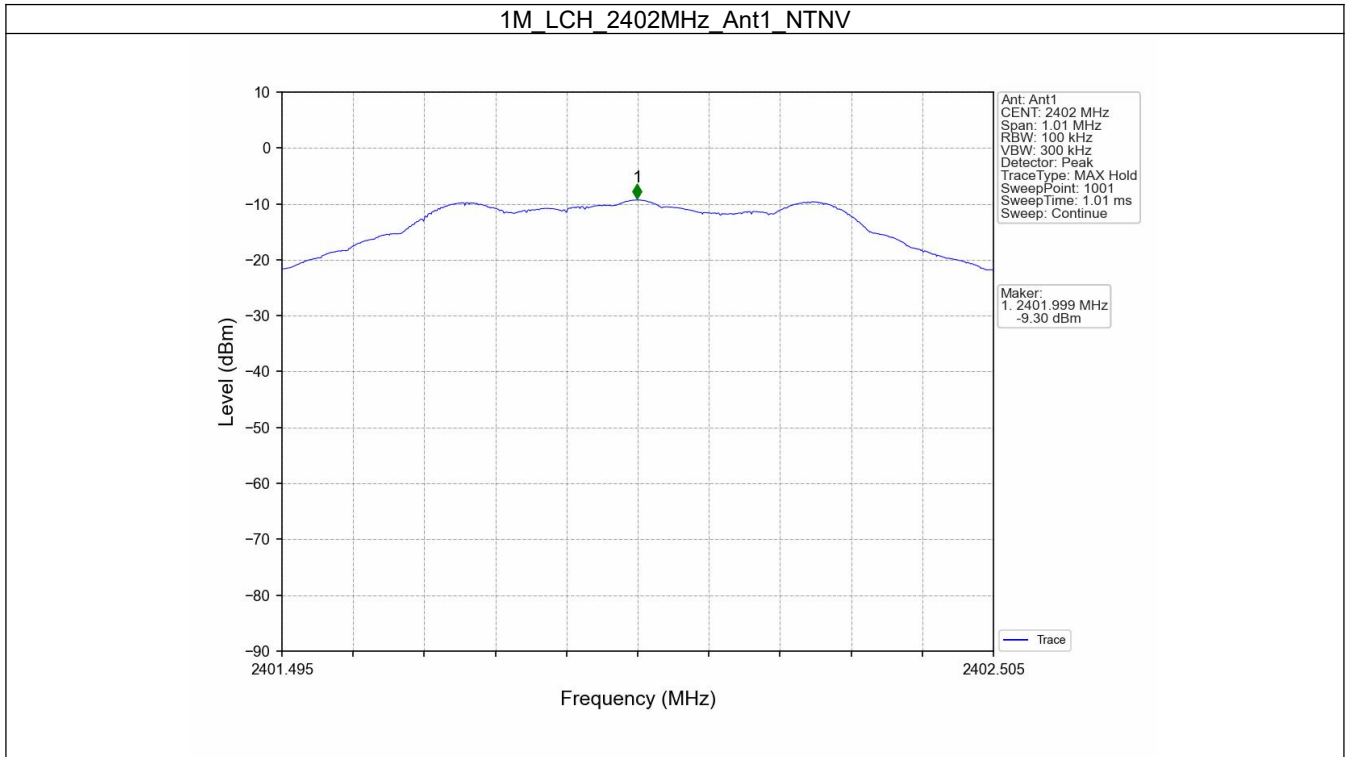
### 5.1 Ref

#### 5.1.1 Test Result

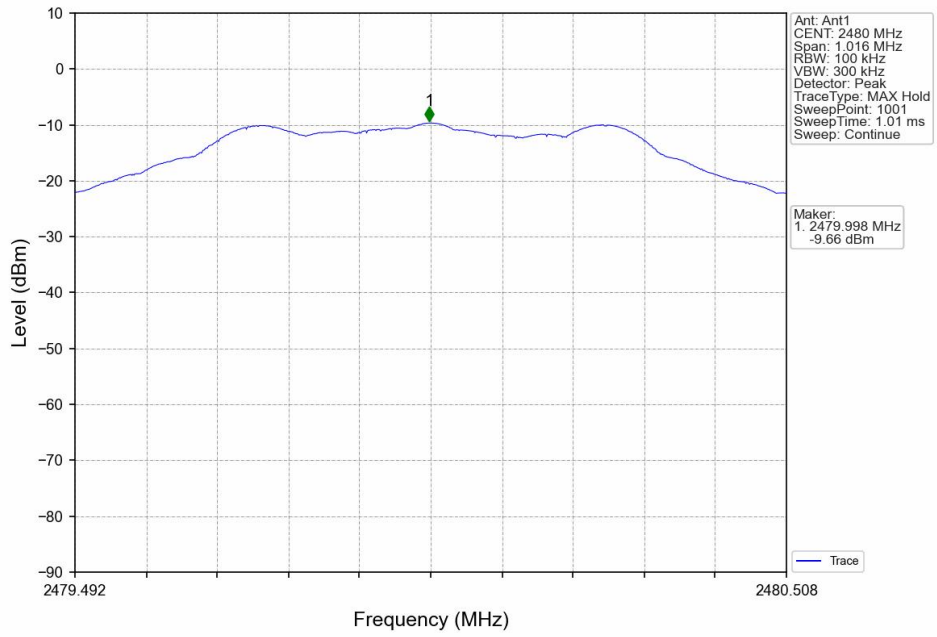
Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)
1M	SISO	2402	1	-9.30
		2440	1	-10.15
		2480	1	-9.66

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



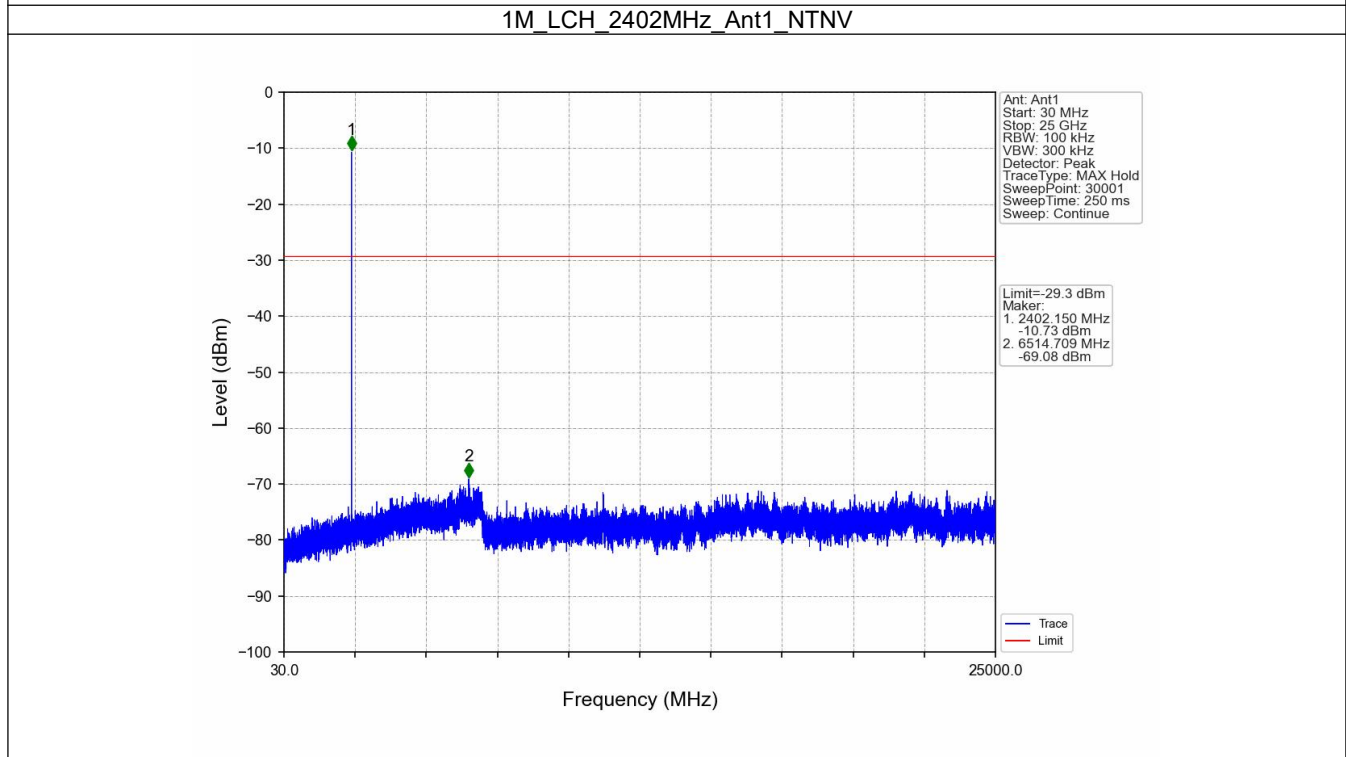
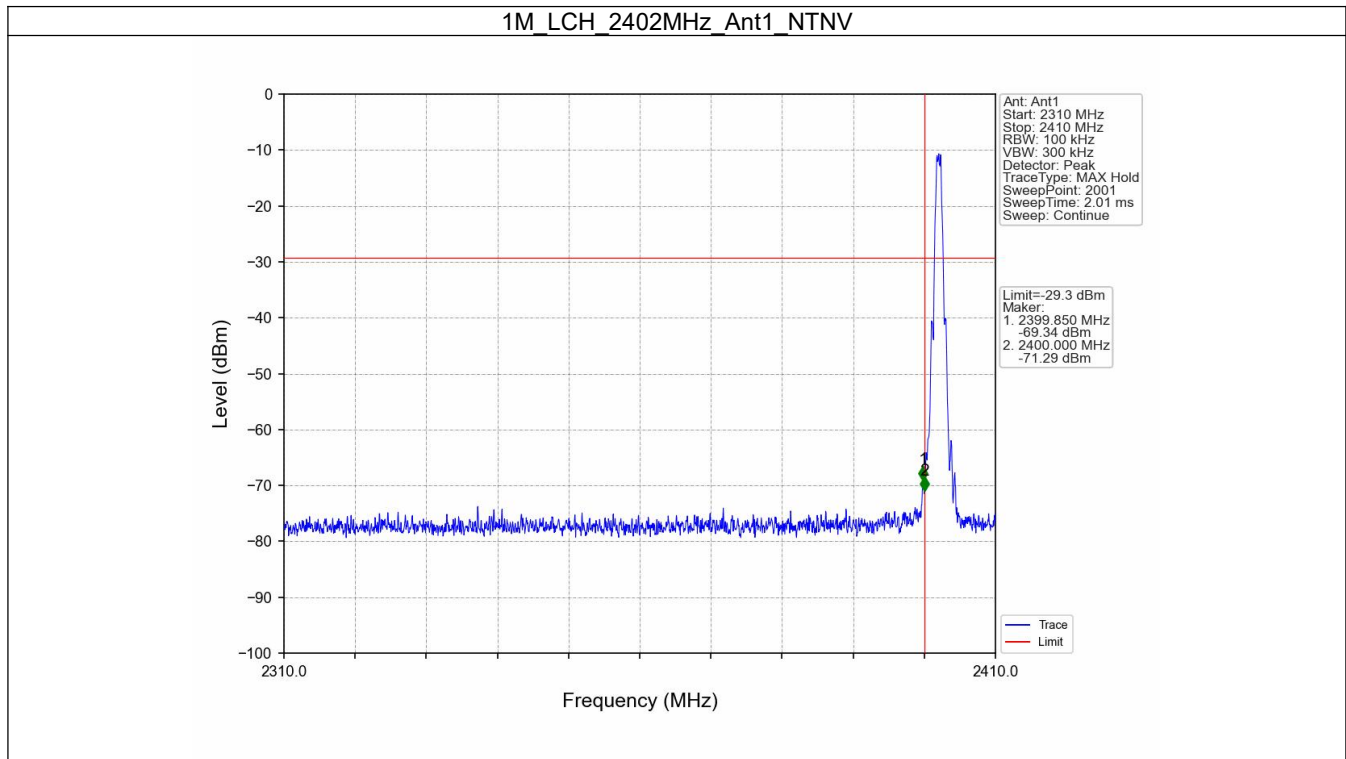
## 5.2 CSE

### 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

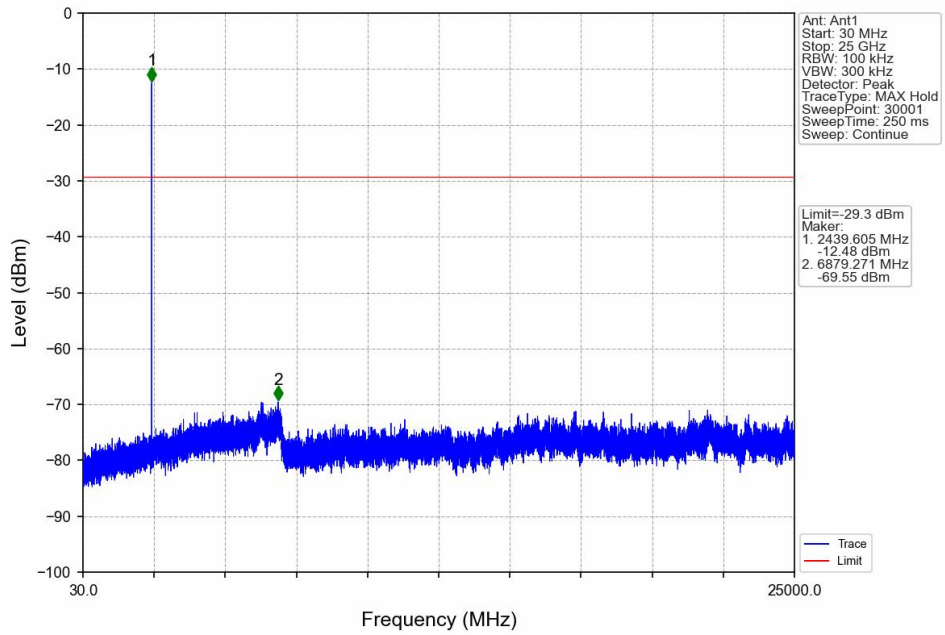
Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2013, the channel contains the maximum PSD level was used to establish the reference level.

### 5.2.2 Test Graph

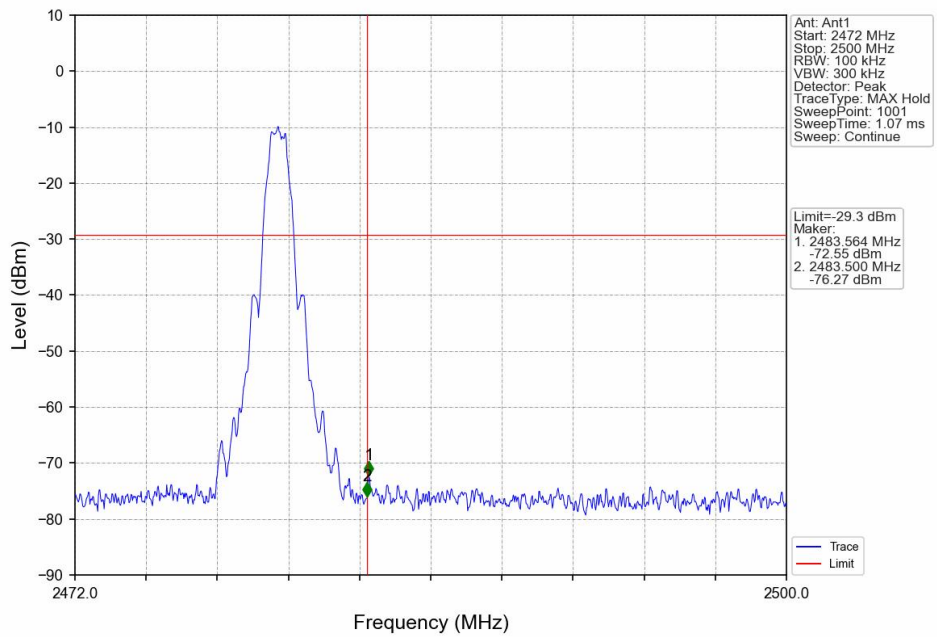




1M\_MCH\_2440MHz\_Ant1\_NTNV



1M\_HCH\_2480MHz\_Ant1\_NTNV



1M\_HCH\_2480MHz\_Ant1\_NTNV

