

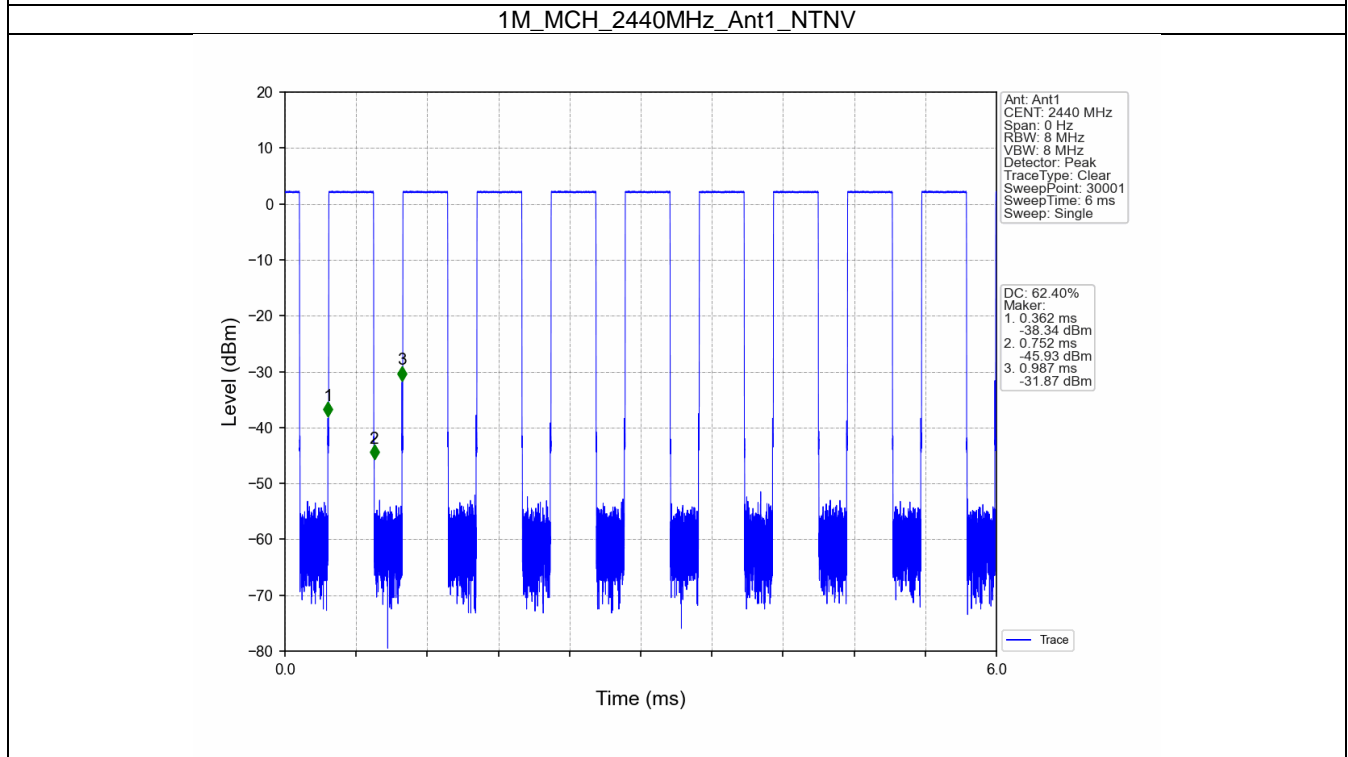
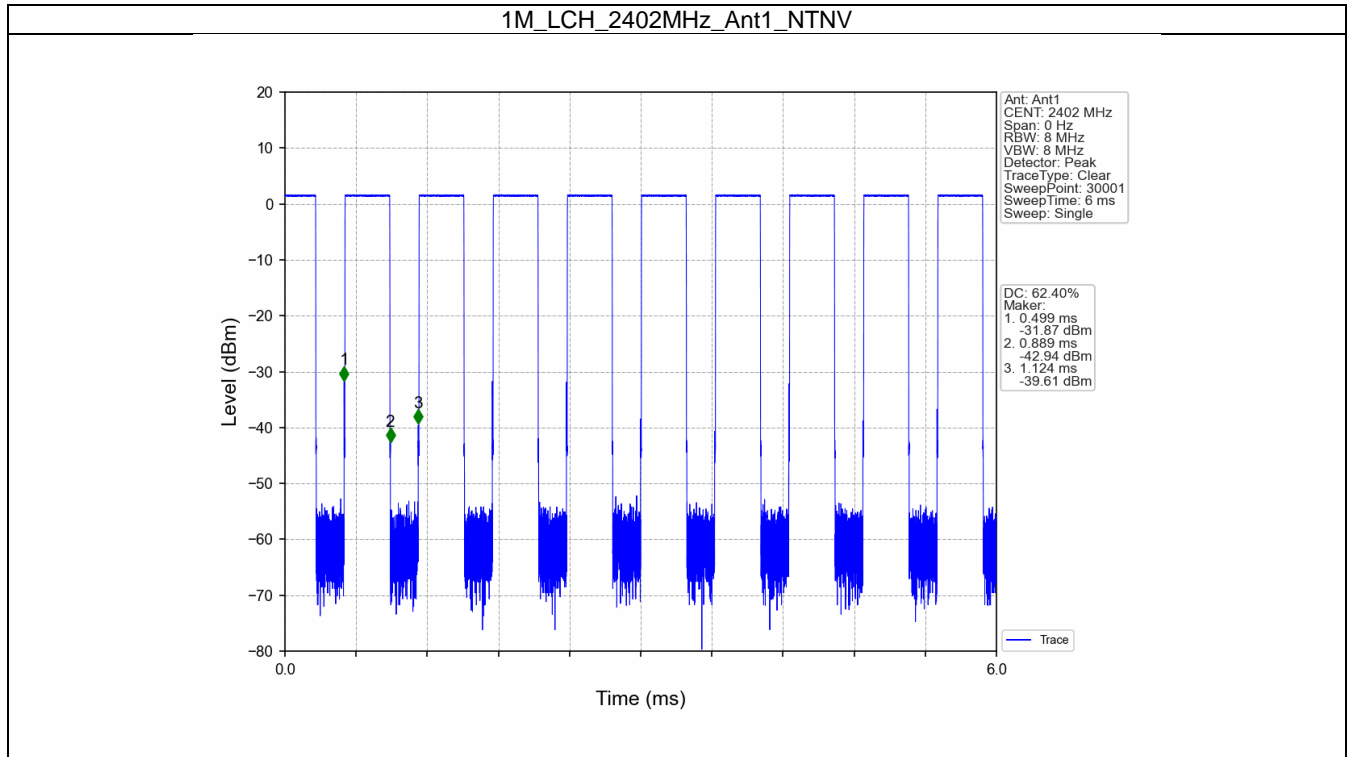
## 1. Duty Cycle

## 1.1 Ant1

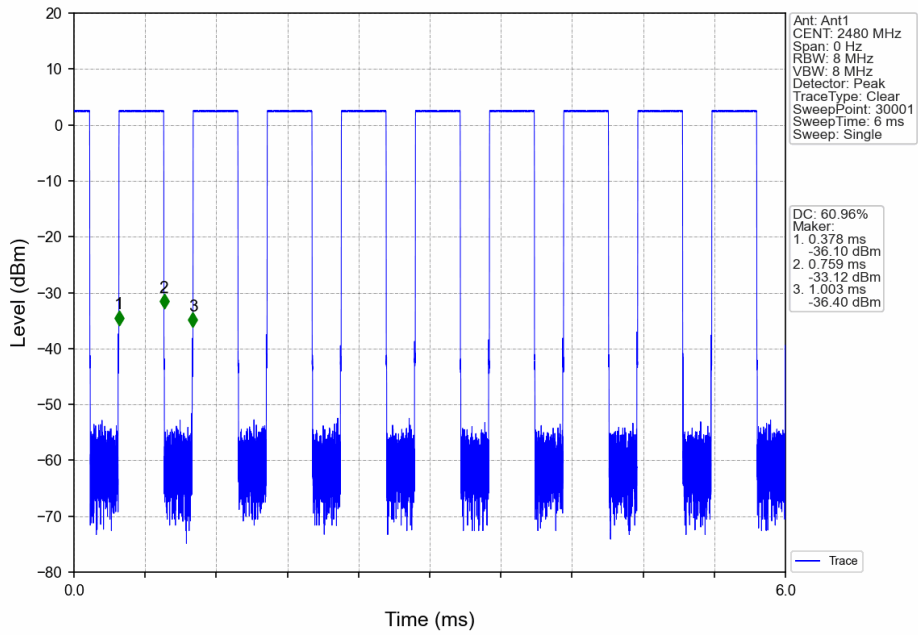
## 1.1.1 Test Result

Ant1							
Mode	TX Type	Frequency (MHz)	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
1M	SISO	2402	0.390	0.625	62.40	2.05	0.03
		2440	0.390	0.625	62.40	2.05	0.00
		2480	0.381	0.625	60.96	2.15	0.00
2M	SISO	2402	0.206	0.625	32.96	4.82	0.00
		2440	0.206	0.625	32.96	4.82	0.03
		2480	0.206	0.625	32.96	4.82	0.00

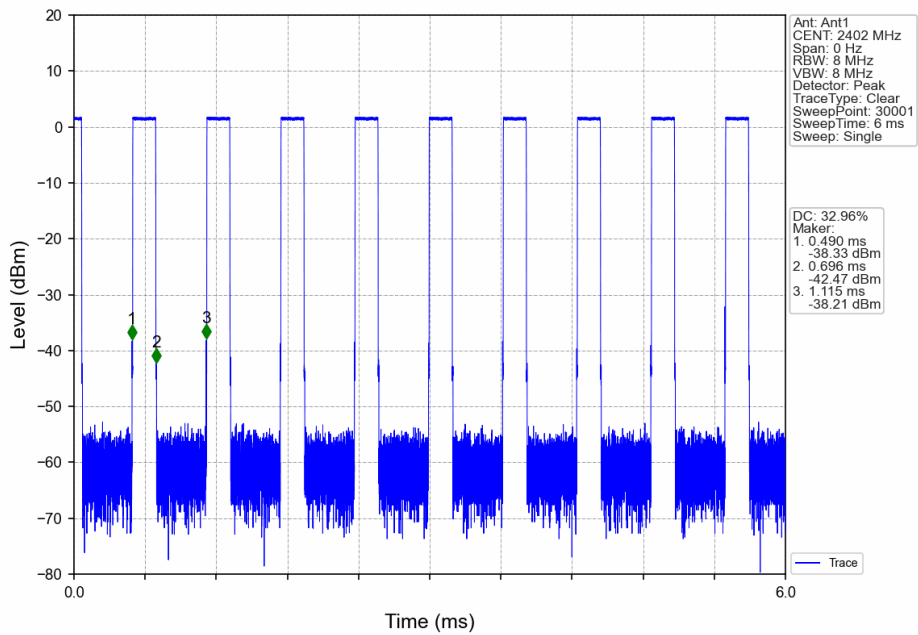
1.1.2 Test Graph



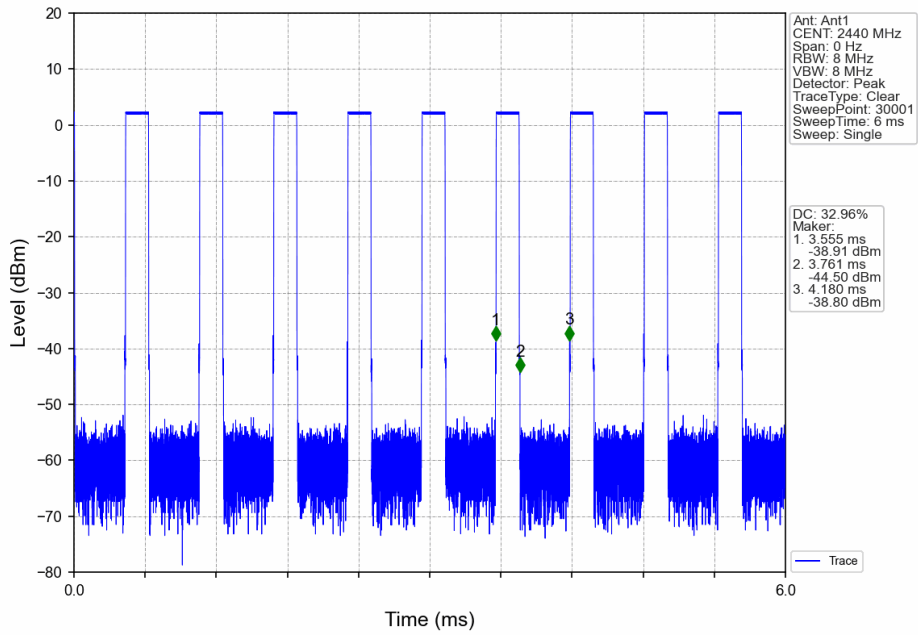
1M\_HCH\_2480MHz\_Ant1\_NTNV



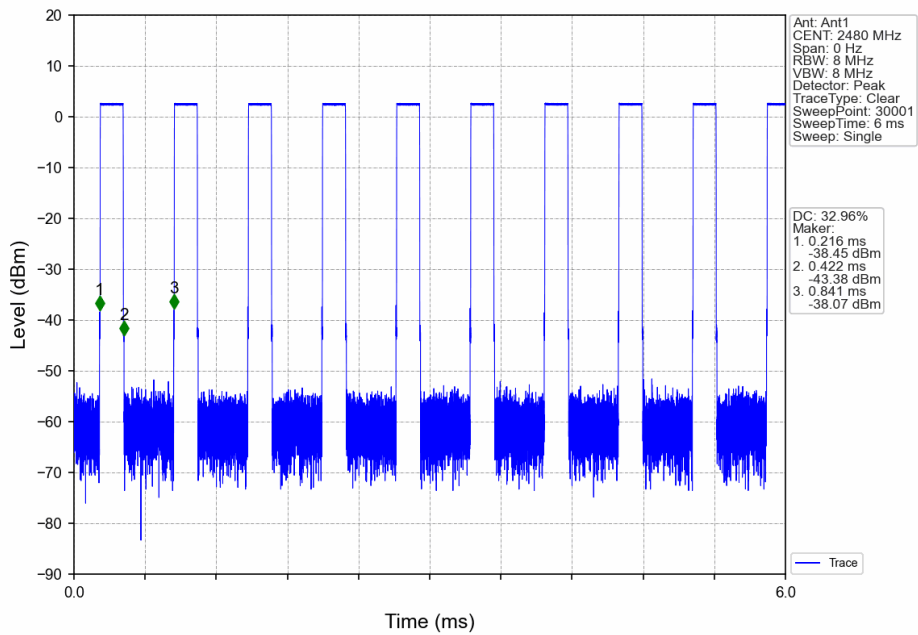
2M\_LCH\_2402MHz\_Ant1\_NTNV



2M\_MCH\_2440MHz\_Ant1\_NTNV



2M\_HCH\_2480MHz\_Ant1\_NTNV



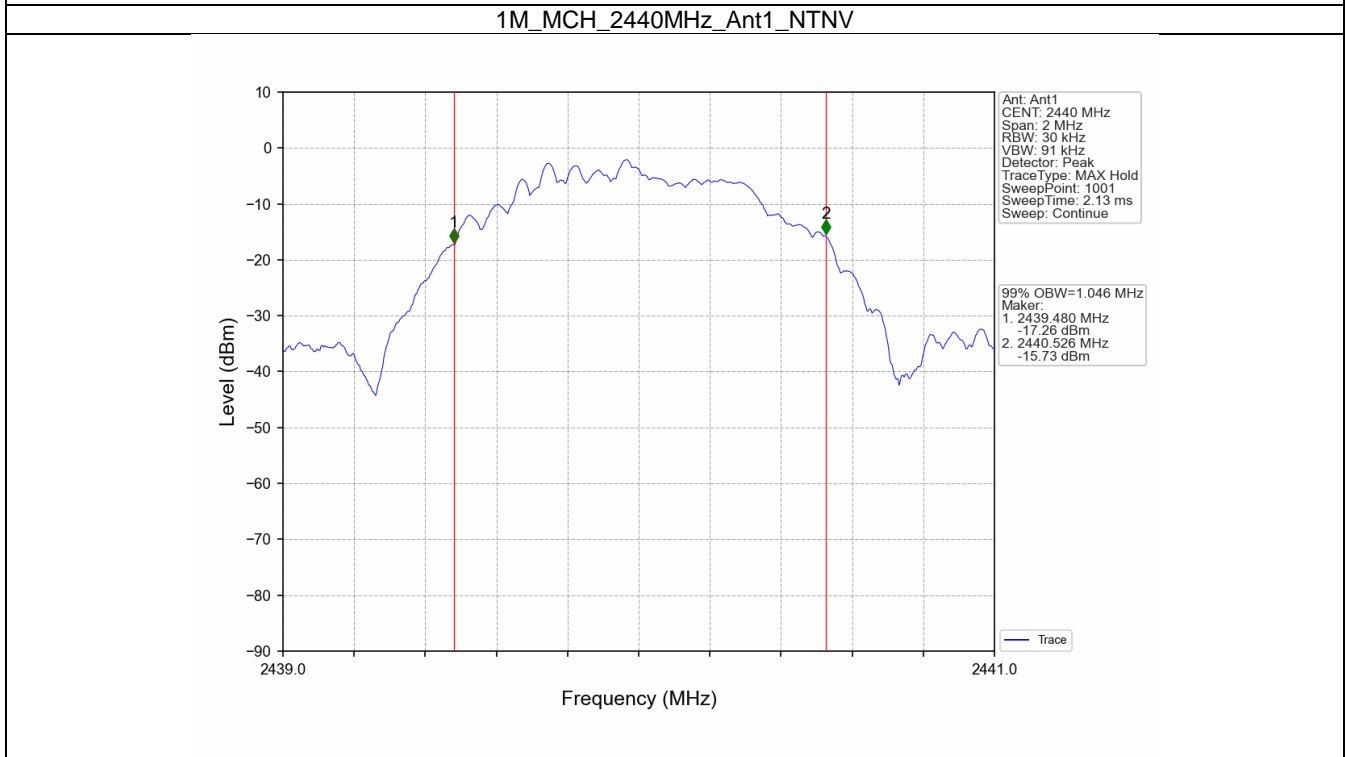
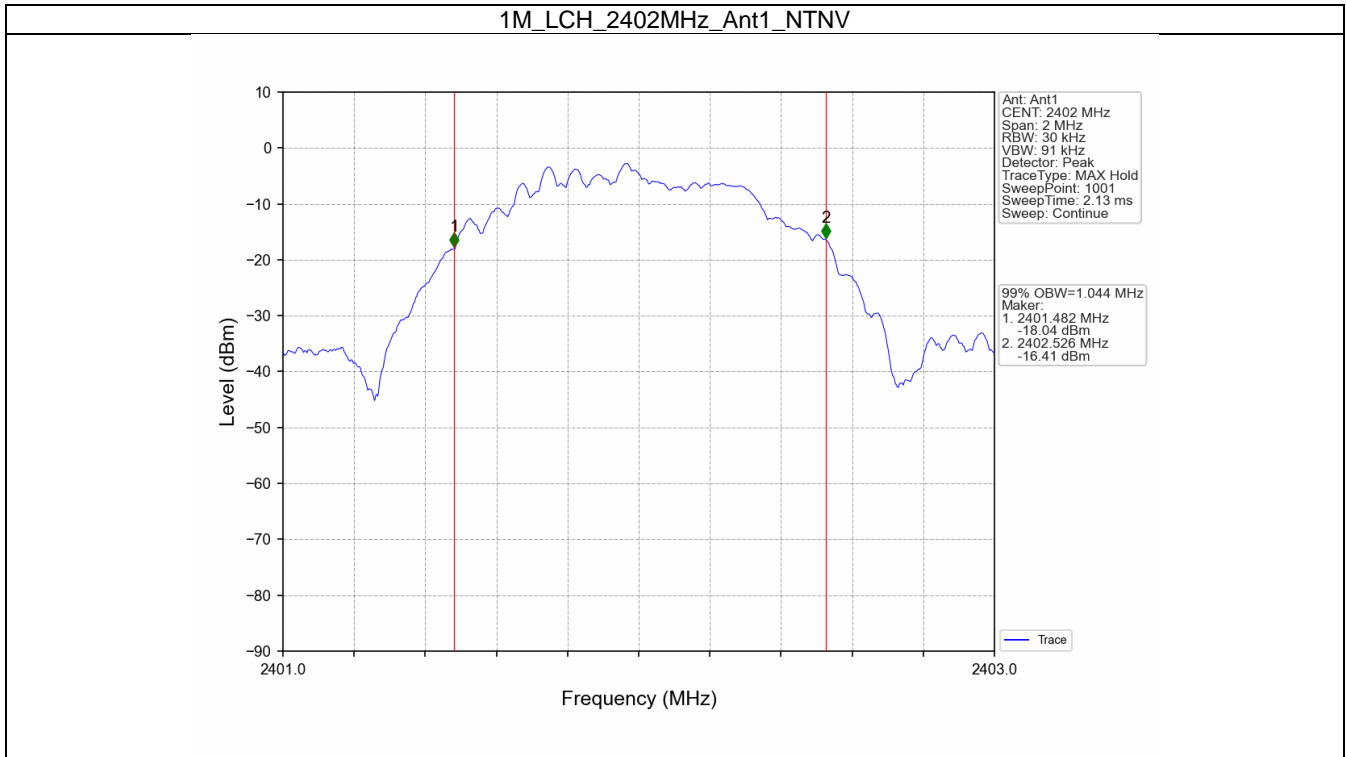
## 2. Bandwidth

### 2.1 OBW

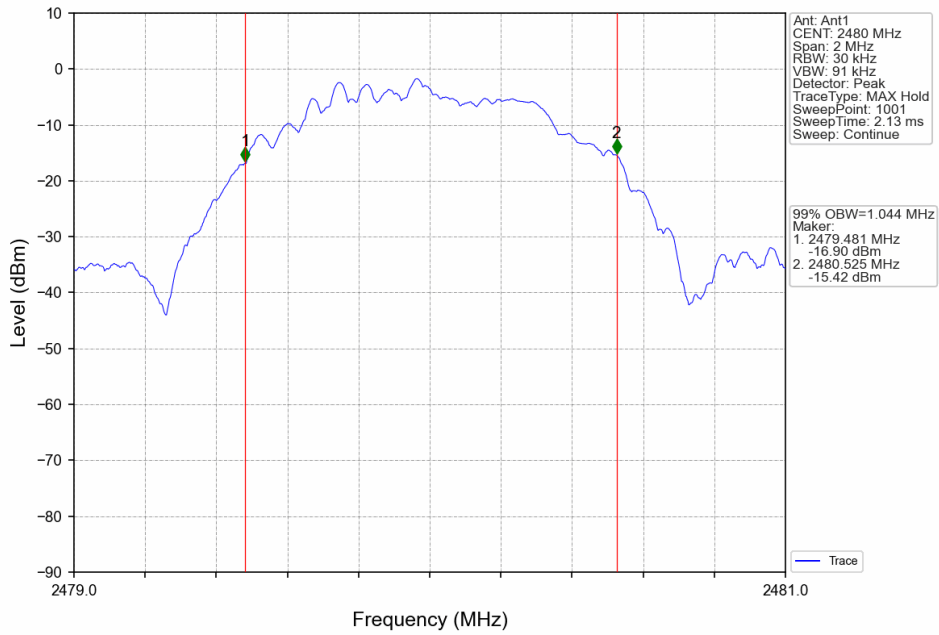
#### 2.1.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	99% Occupied Bandwidth (MHz)	Verdict
				Result	
1M	SISO	2402	1	1.044	Pass
		2440	1	1.046	Pass
		2480	1	1.044	Pass
2M	SISO	2402	1	2.082	Pass
		2440	1	2.083	Pass
		2480	1	2.082	Pass

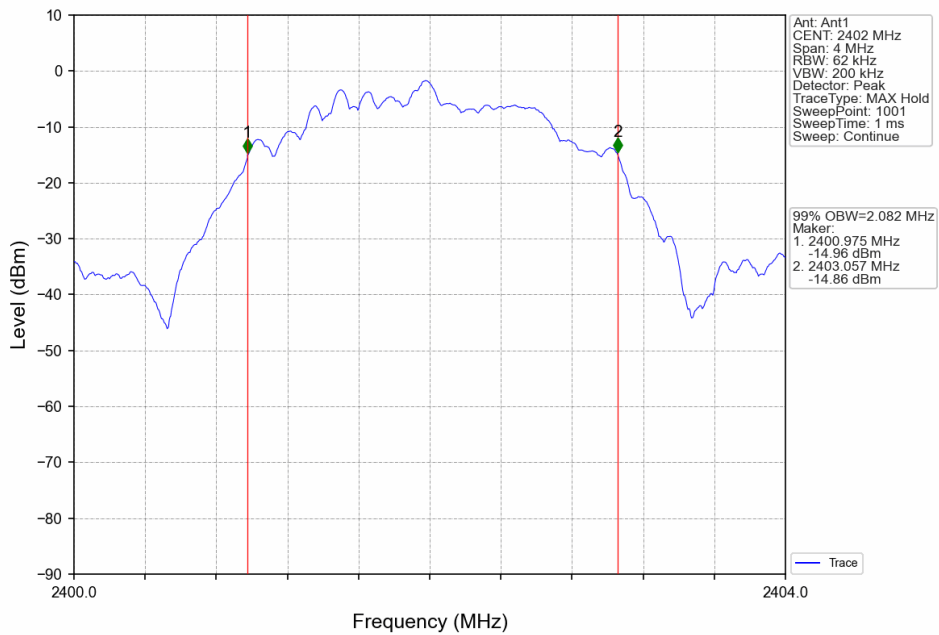
2.1.2 Test Graph



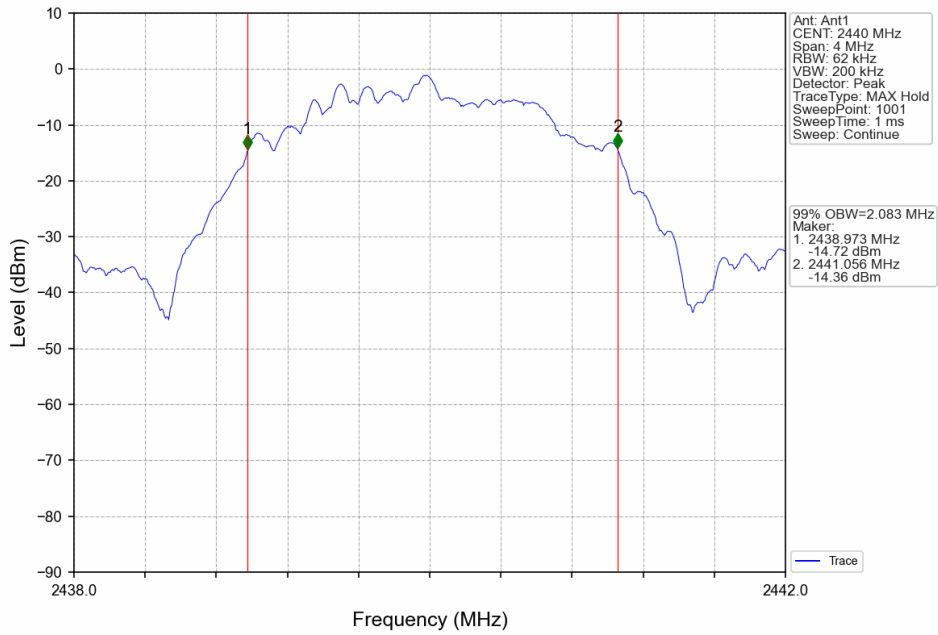
1M\_HCH\_2480MHz\_Ant1\_NTNV



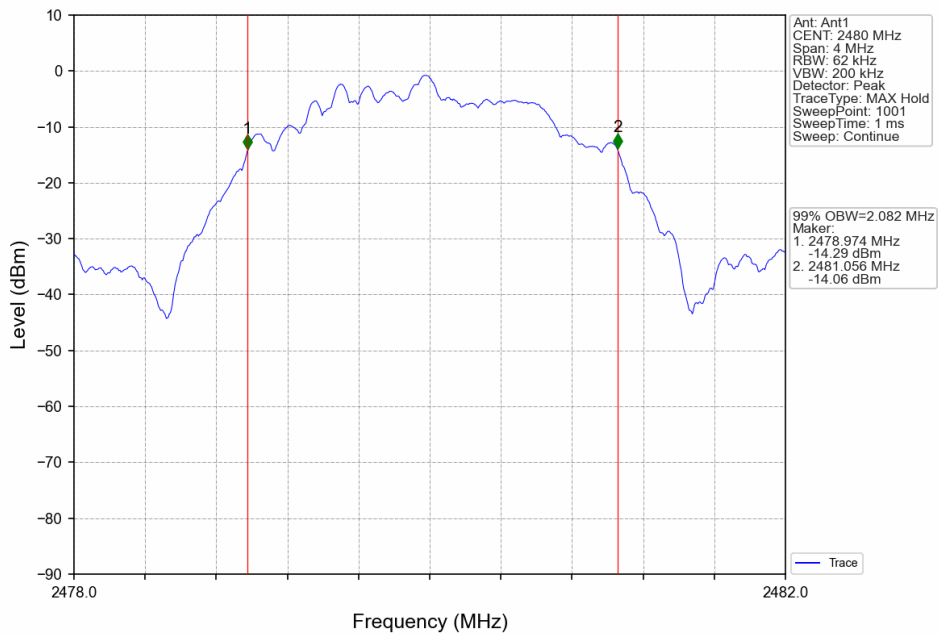
2M\_LCH\_2402MHz\_Ant1\_NTNV



2M\_MCH\_2440MHz\_Ant1\_NTNV



2M\_HCH\_2480MHz\_Ant1\_NTNV



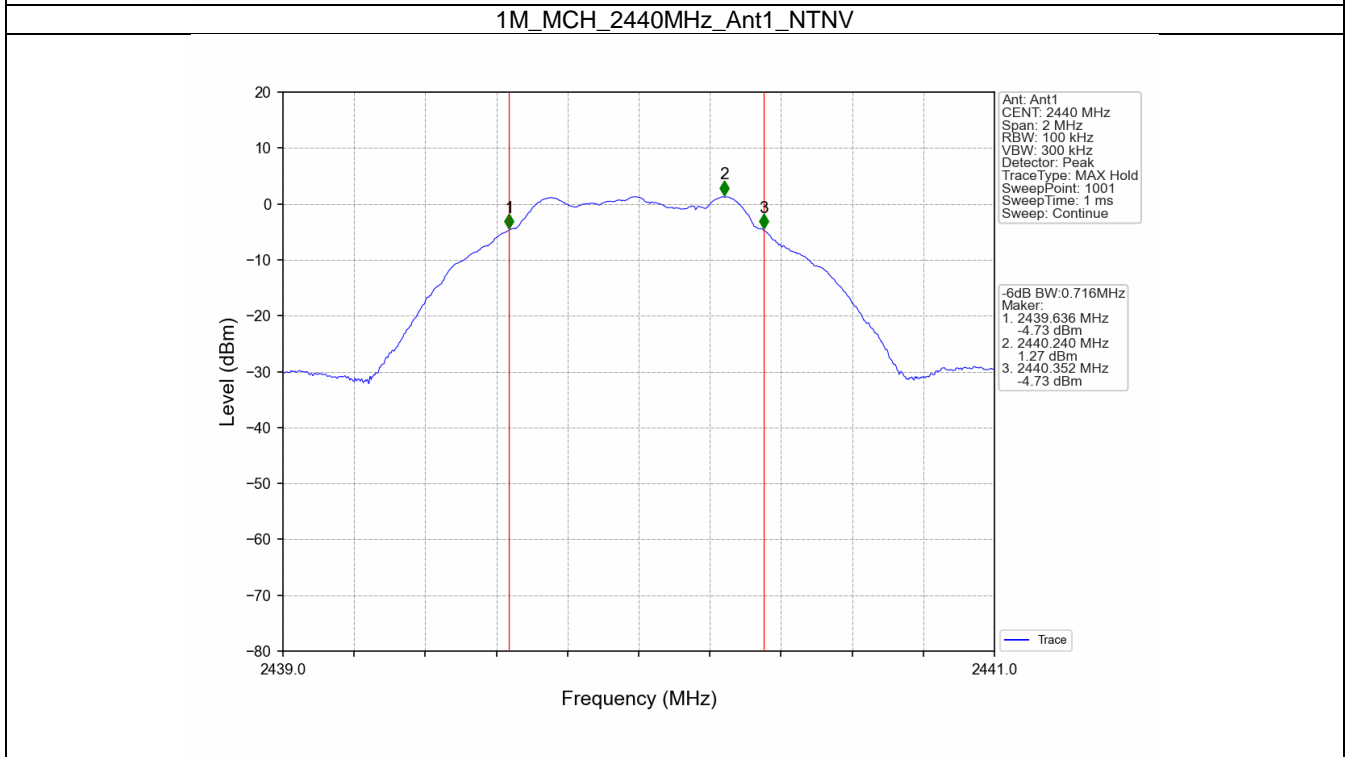
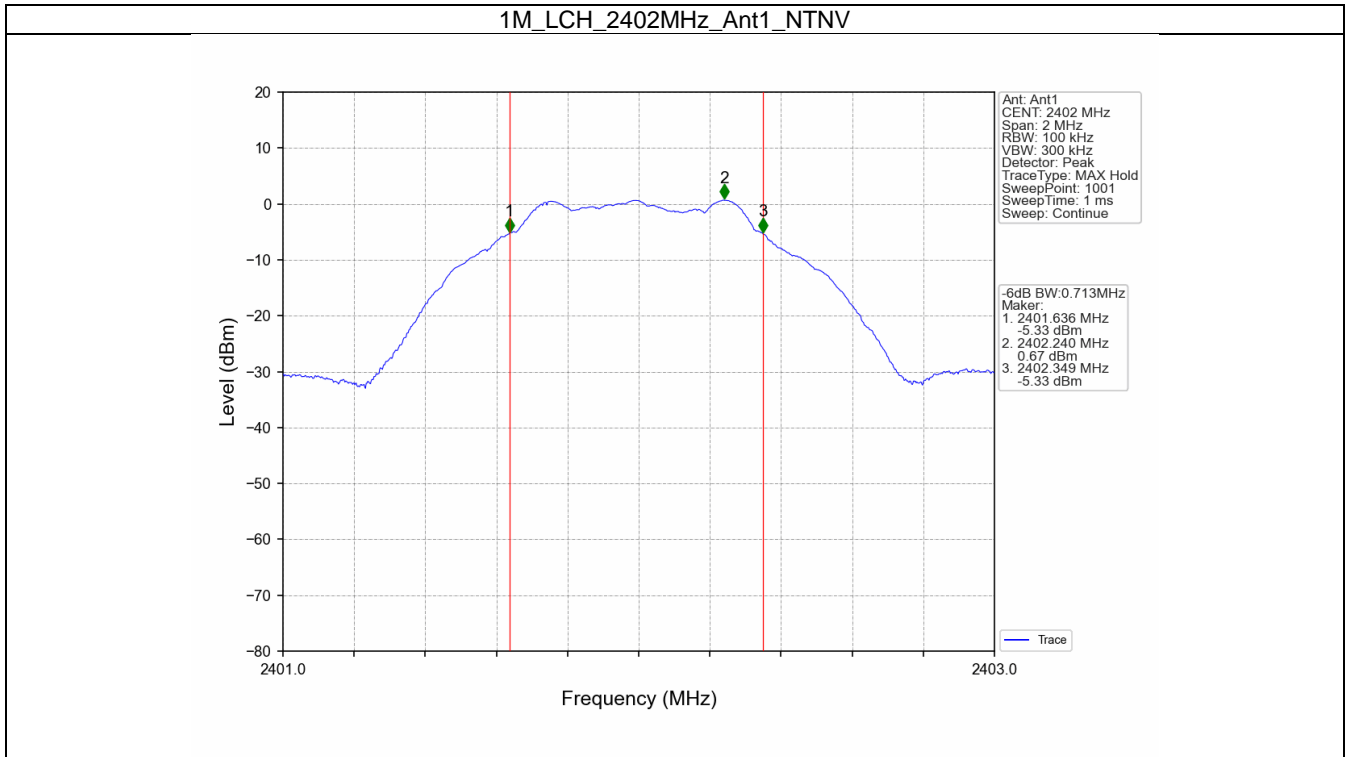


## 2.2 6dB BW

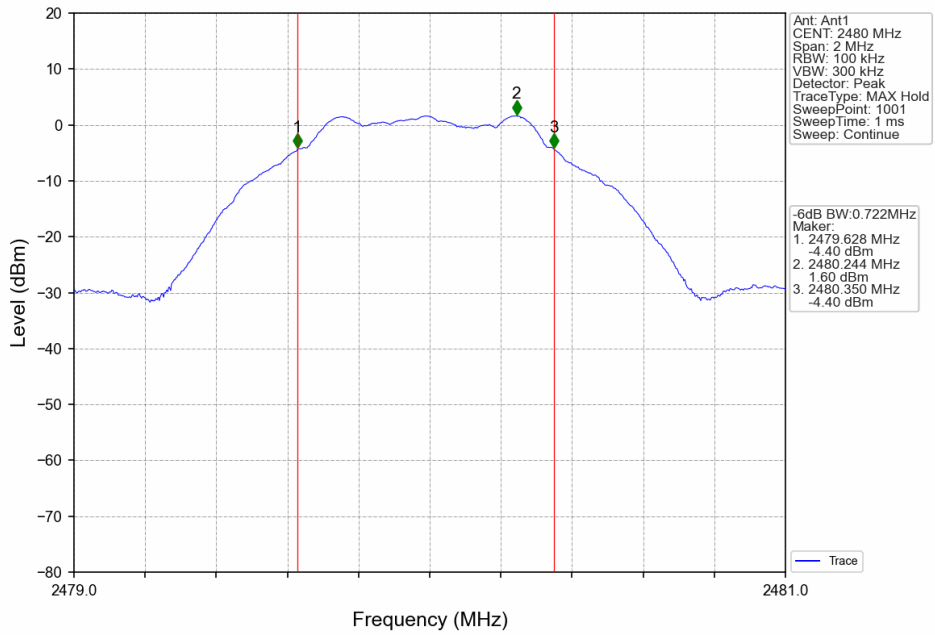
## 2.2.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
1M	SISO	2402	1	0.713	$\geq 0.5$	Pass
		2440	1	0.716	$\geq 0.5$	Pass
		2480	1	0.722	$\geq 0.5$	Pass
2M	SISO	2402	1	1.254	$\geq 0.5$	Pass
		2440	1	1.260	$\geq 0.5$	Pass
		2480	1	1.248	$\geq 0.5$	Pass

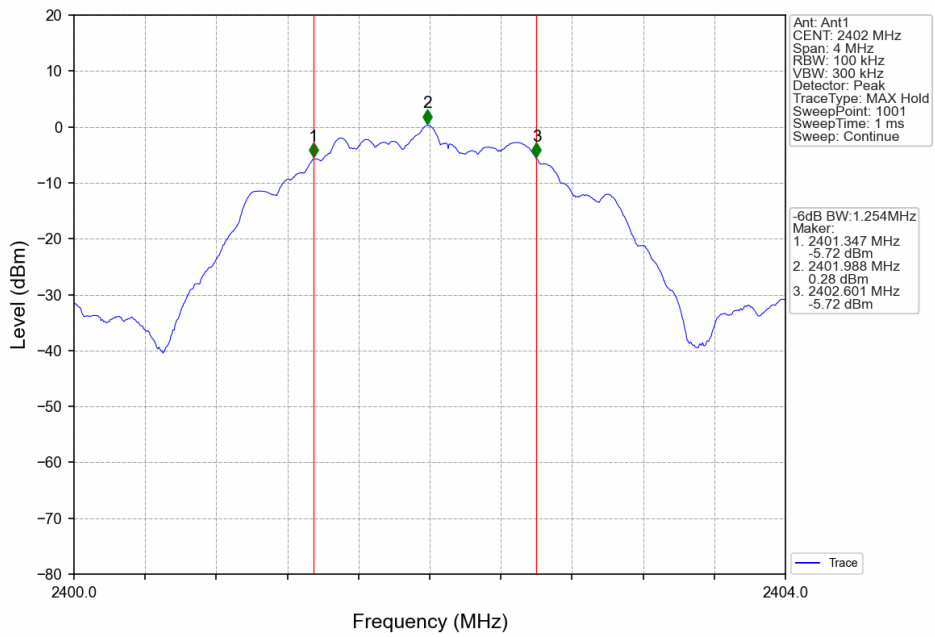
2.2.2 Test Graph



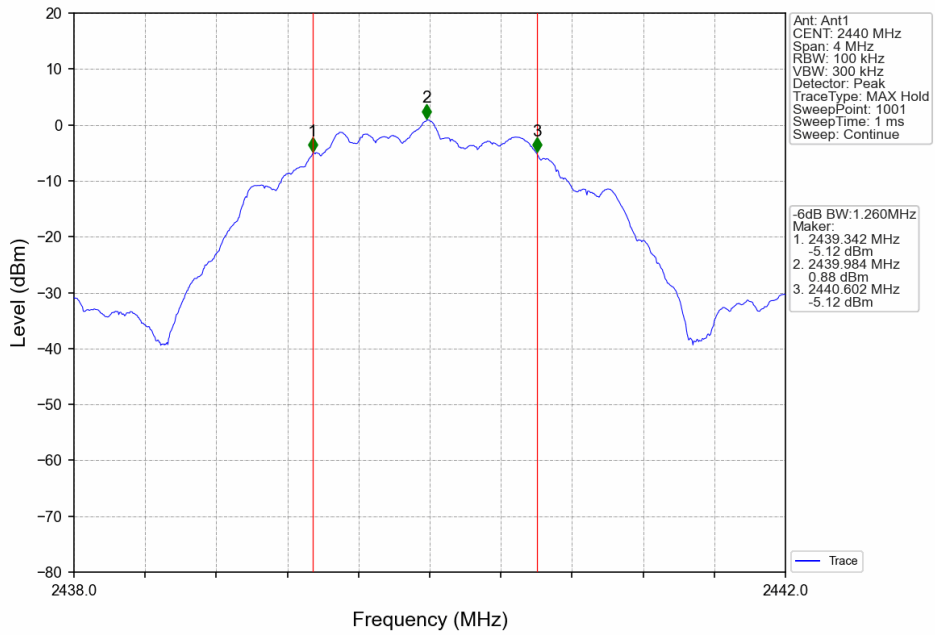
1M\_HCH\_2480MHz\_Ant1\_NTNV



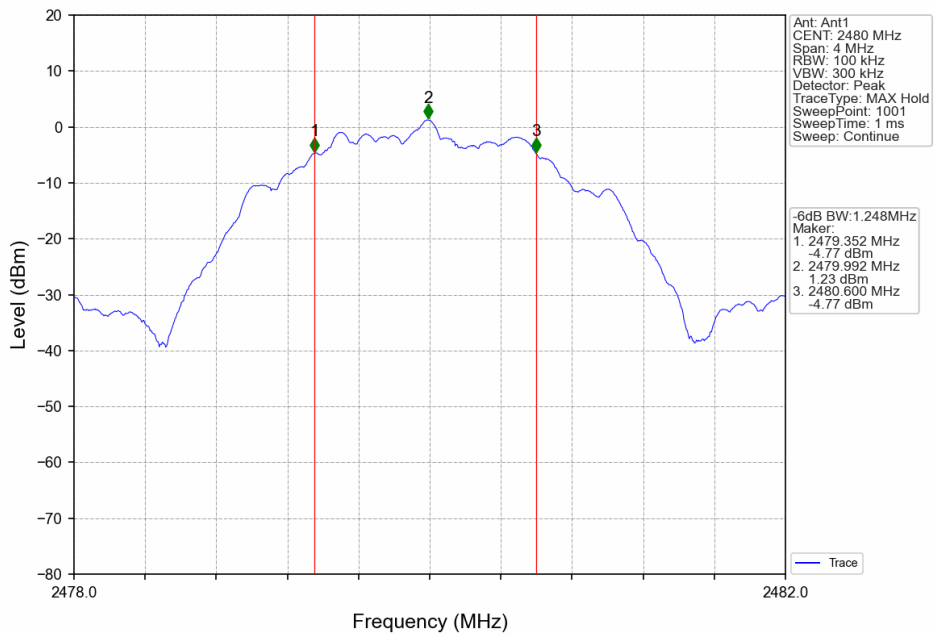
2M\_LCH\_2402MHz\_Ant1\_NTNV



2M\_MCH\_2440MHz\_Ant1\_NTNV



2M\_HCH\_2480MHz\_Ant1\_NTNV



### 3. Maximum Conducted Output Power

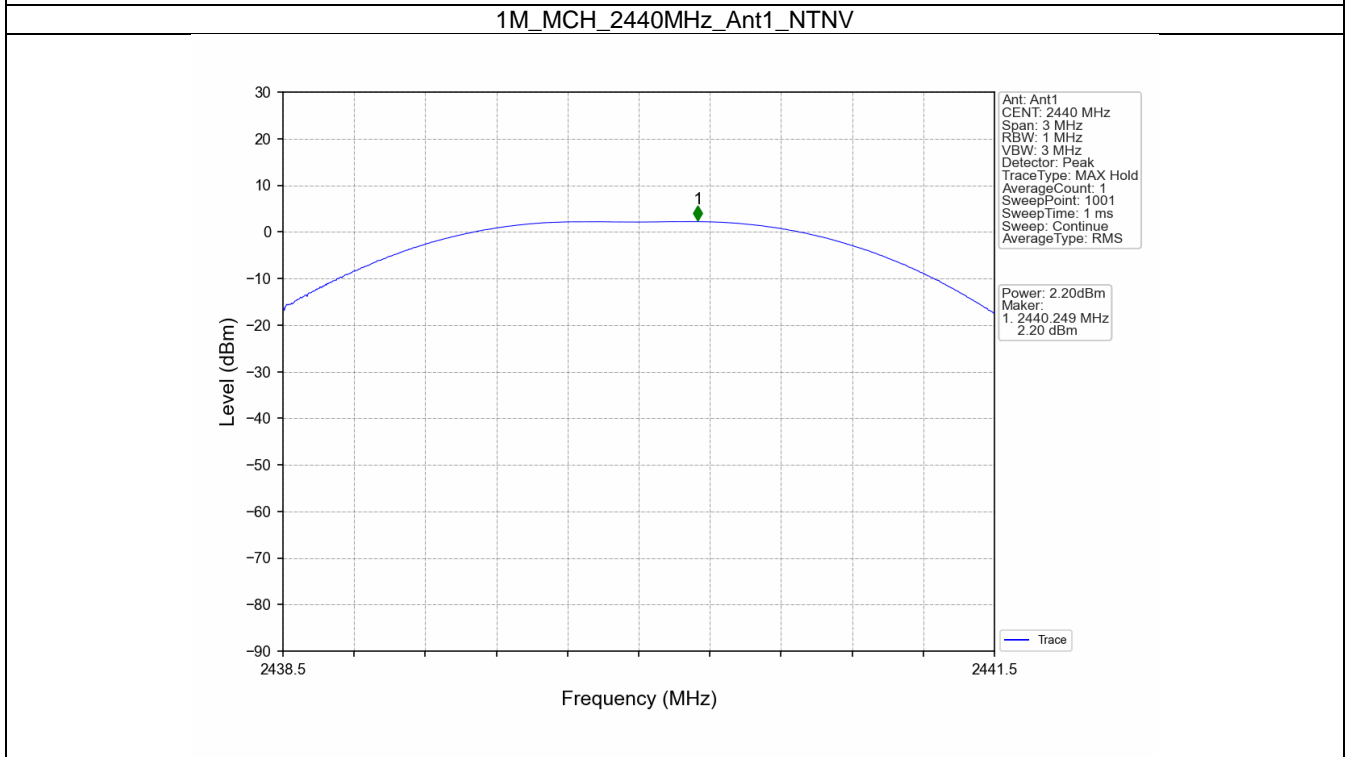
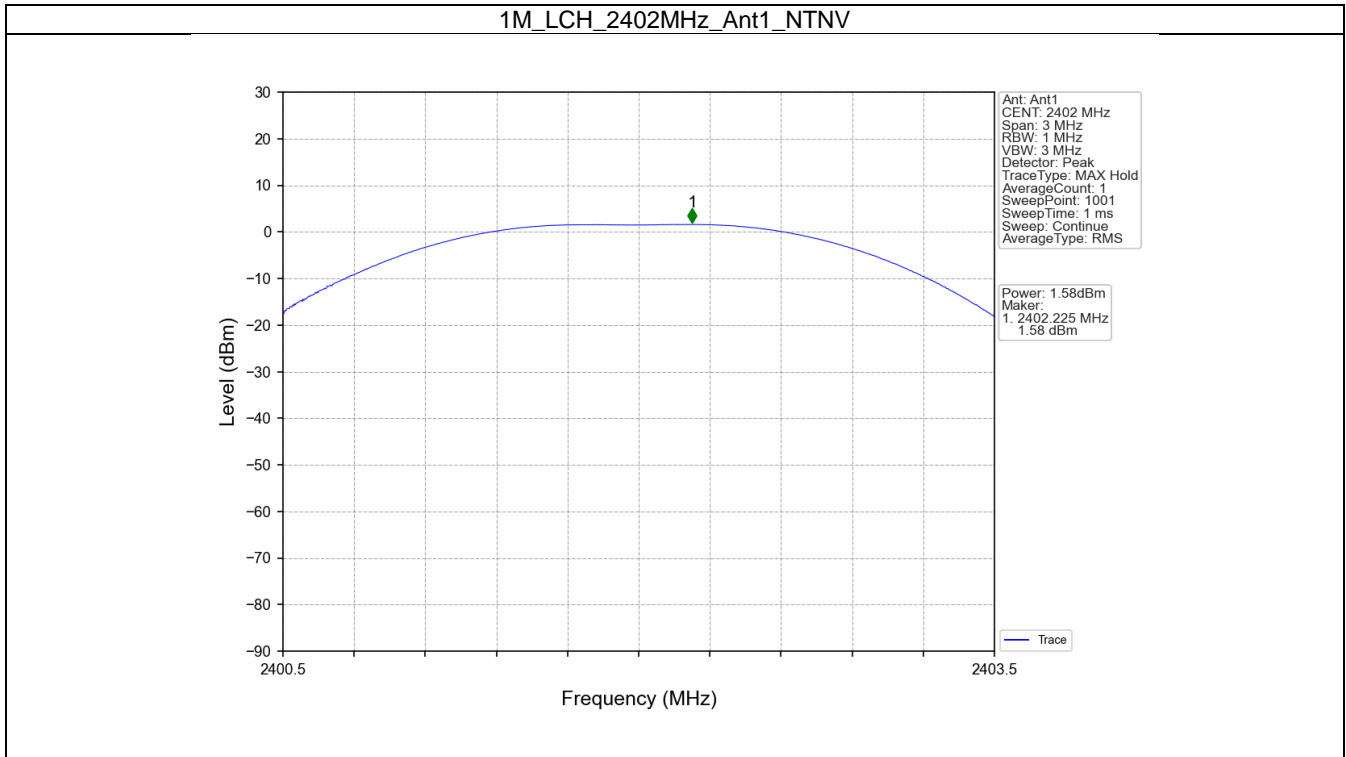
#### 3.1 Power

##### 3.1.1 Test Result

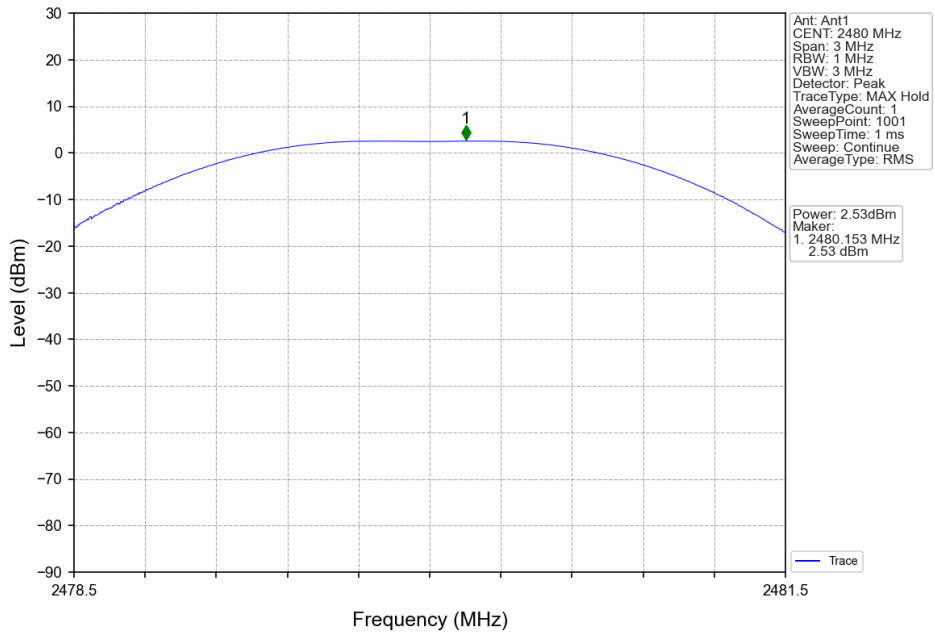
Mode	TX Type	Frequency (MHz)	Maximum Peak Conducted Output Power (dBm)		Verdict
			ANT1	Limit	
1M	SISO	2402	1.58	<=30	Pass
		2440	2.20	<=30	Pass
		2480	2.53	<=30	Pass
2M	SISO	2402	1.60	<=30	Pass
		2440	2.21	<=30	Pass
		2480	2.54	<=30	Pass

Note1: Antenna Gain: Ant1: 2.36dBi;

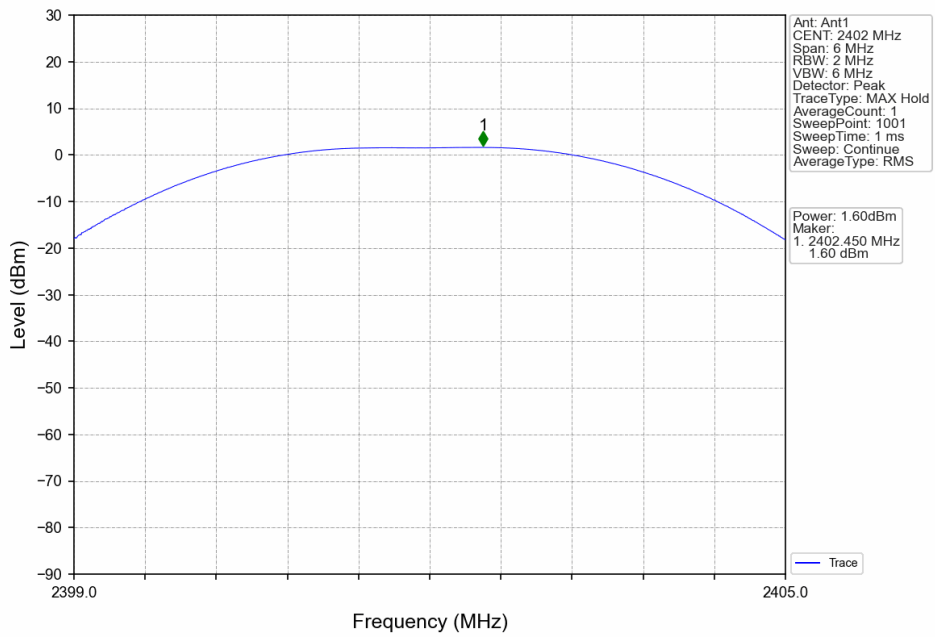
3.1.2 Test Graph



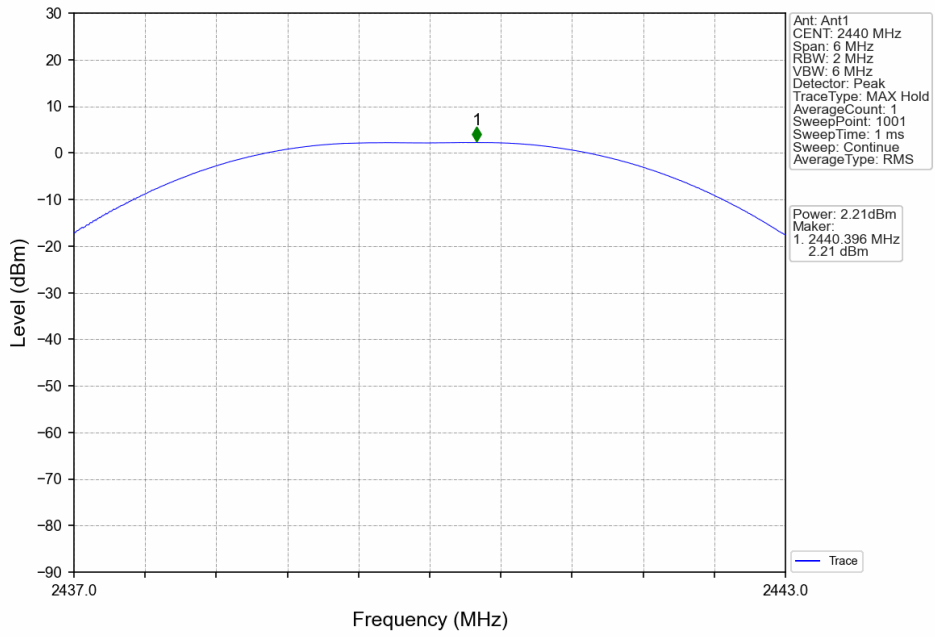
1M\_HCH\_2480MHz\_Ant1\_NTNV



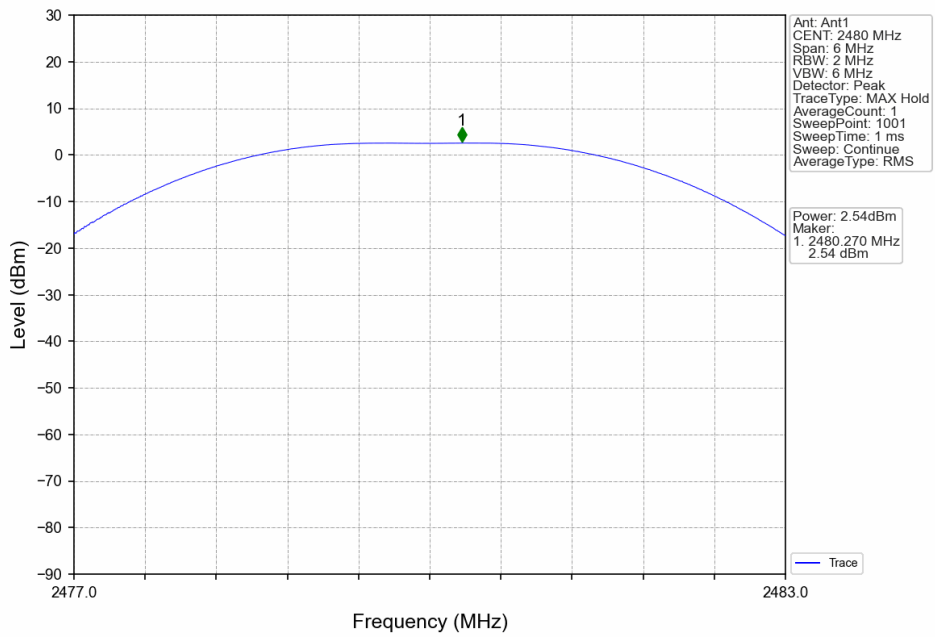
2M\_LCH\_2402MHz\_Ant1\_NTNV



2M\_MCH\_2440MHz\_Ant1\_NTNV



2M\_HCH\_2480MHz\_Ant1\_NTNV





## 4. Maximum Power Spectral Density

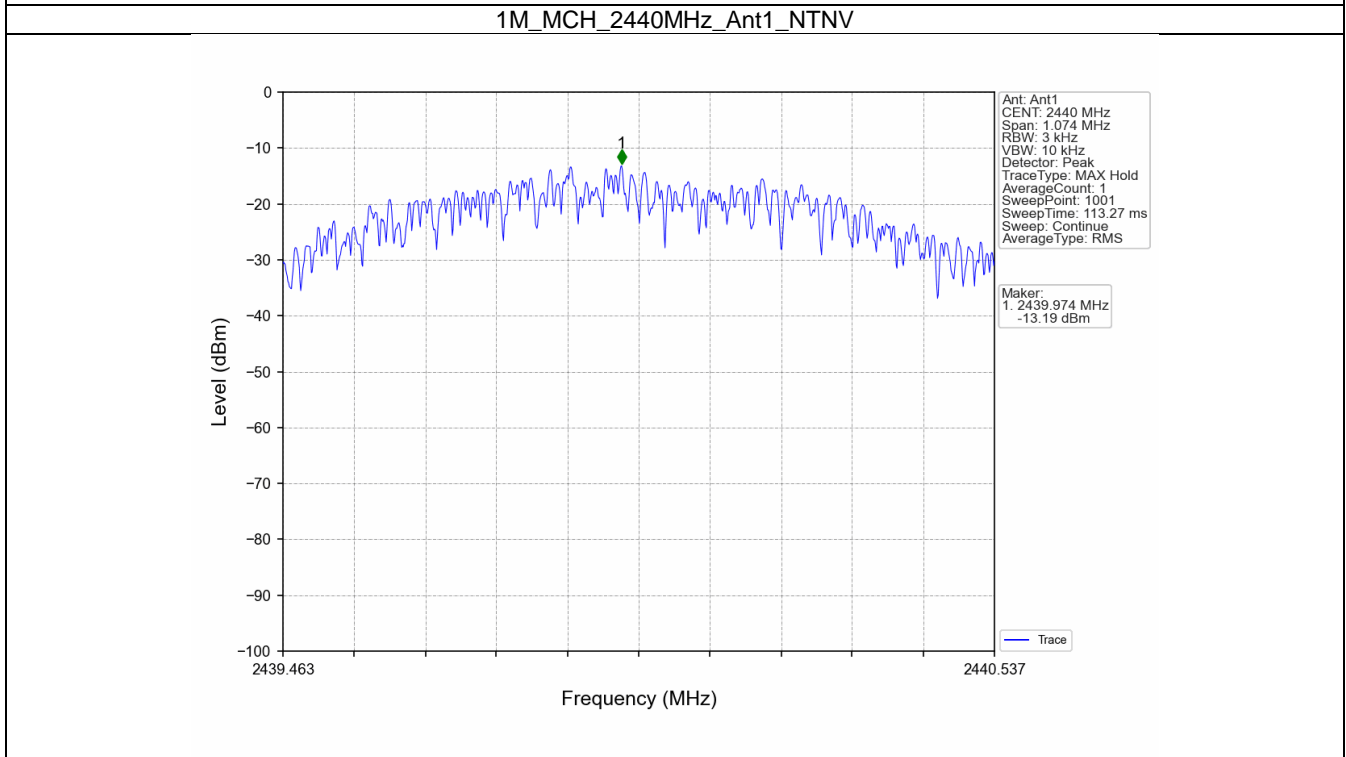
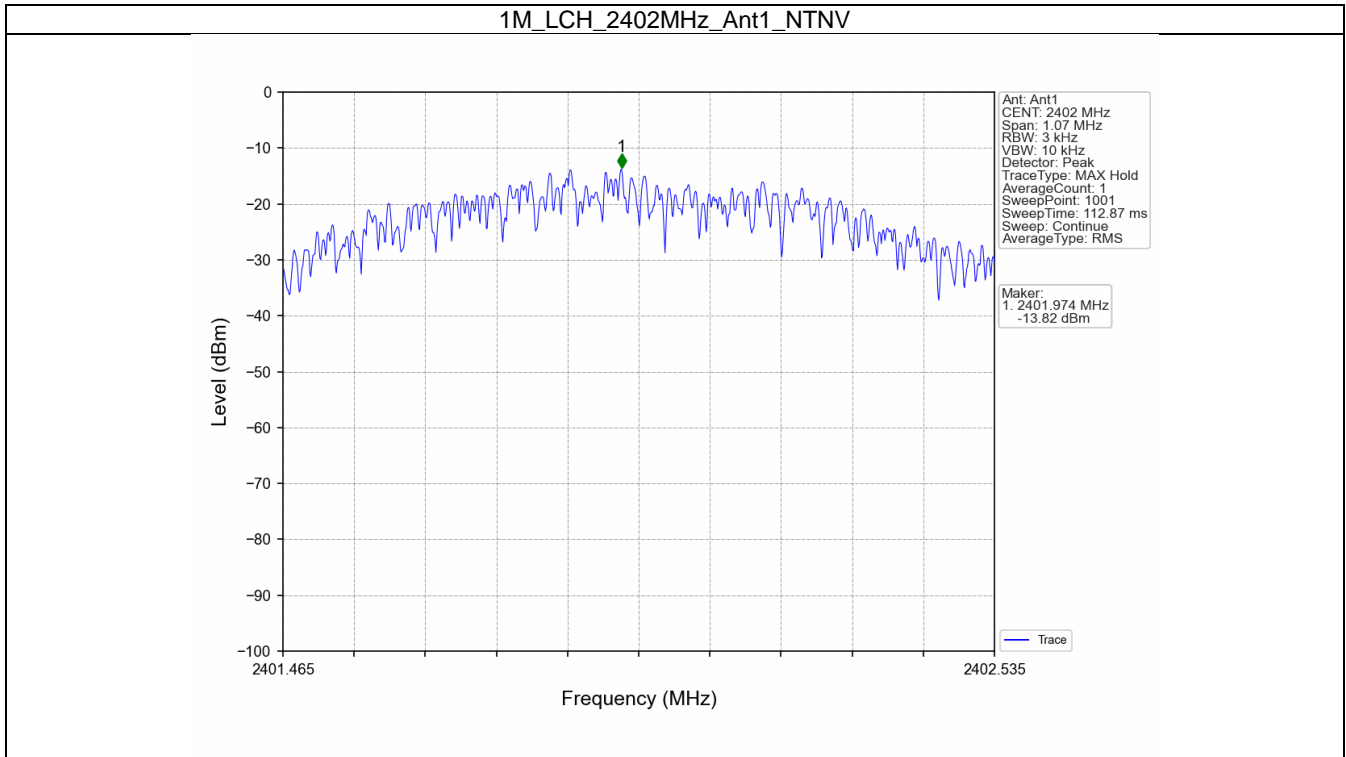
### 4.1 PSD

#### 4.1.1 Test Result

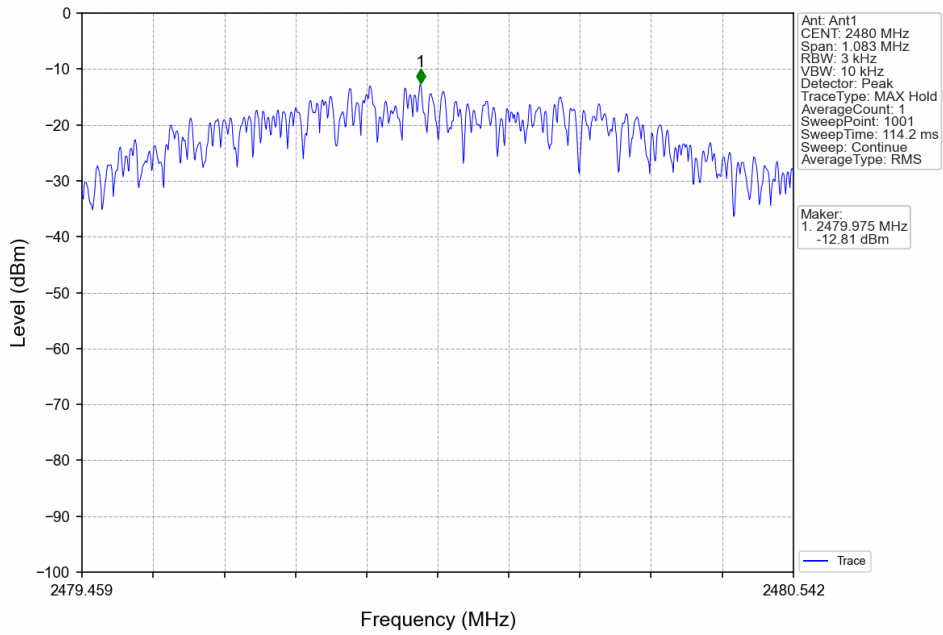
Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/3kHz)		Verdict
			ANT1	Limit	
1M	SISO	2402	-13.82	<=8	Pass
		2440	-13.19	<=8	Pass
		2480	-12.81	<=8	Pass
2M	SISO	2402	-16.09	<=8	Pass
		2440	-15.57	<=8	Pass
		2480	-15.10	<=8	Pass

Note1: Antenna Gain: Ant1: 2.36dBi;

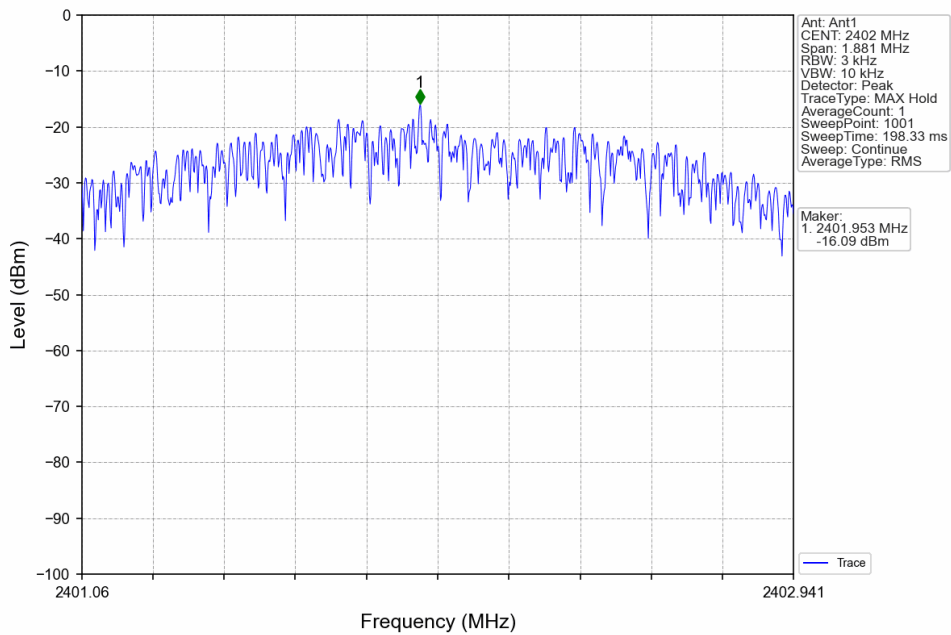
4.1.2 Test Graph



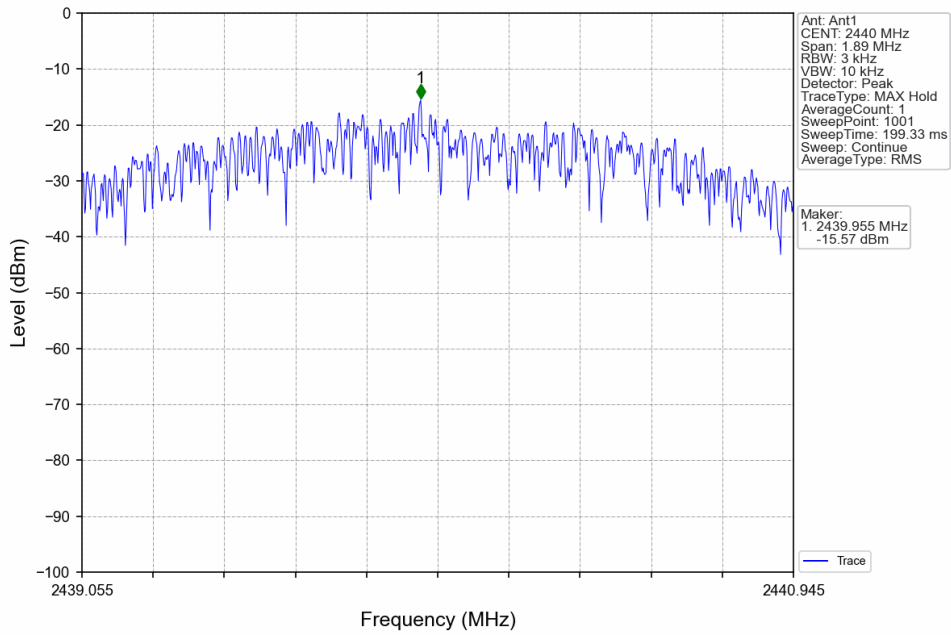
1M\_HCH\_2480MHz\_Ant1\_NTNV



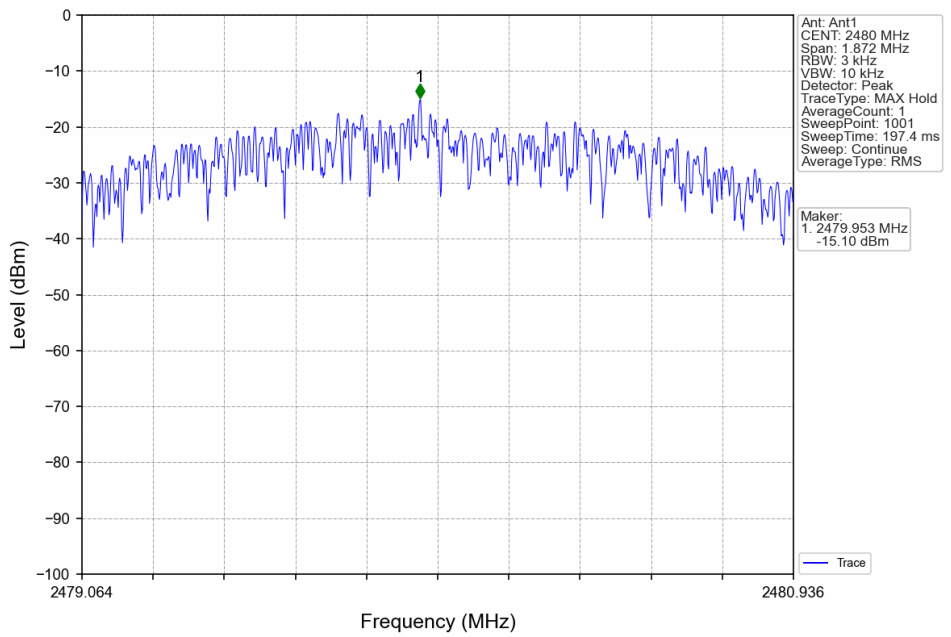
2M\_LCH\_2402MHz\_Ant1\_NTNV



2M\_MCH\_2440MHz\_Ant1\_NTNV



2M\_HCH\_2480MHz\_Ant1\_NTNV



## 5. Unwanted Emissions In Non-restricted Frequency Bands

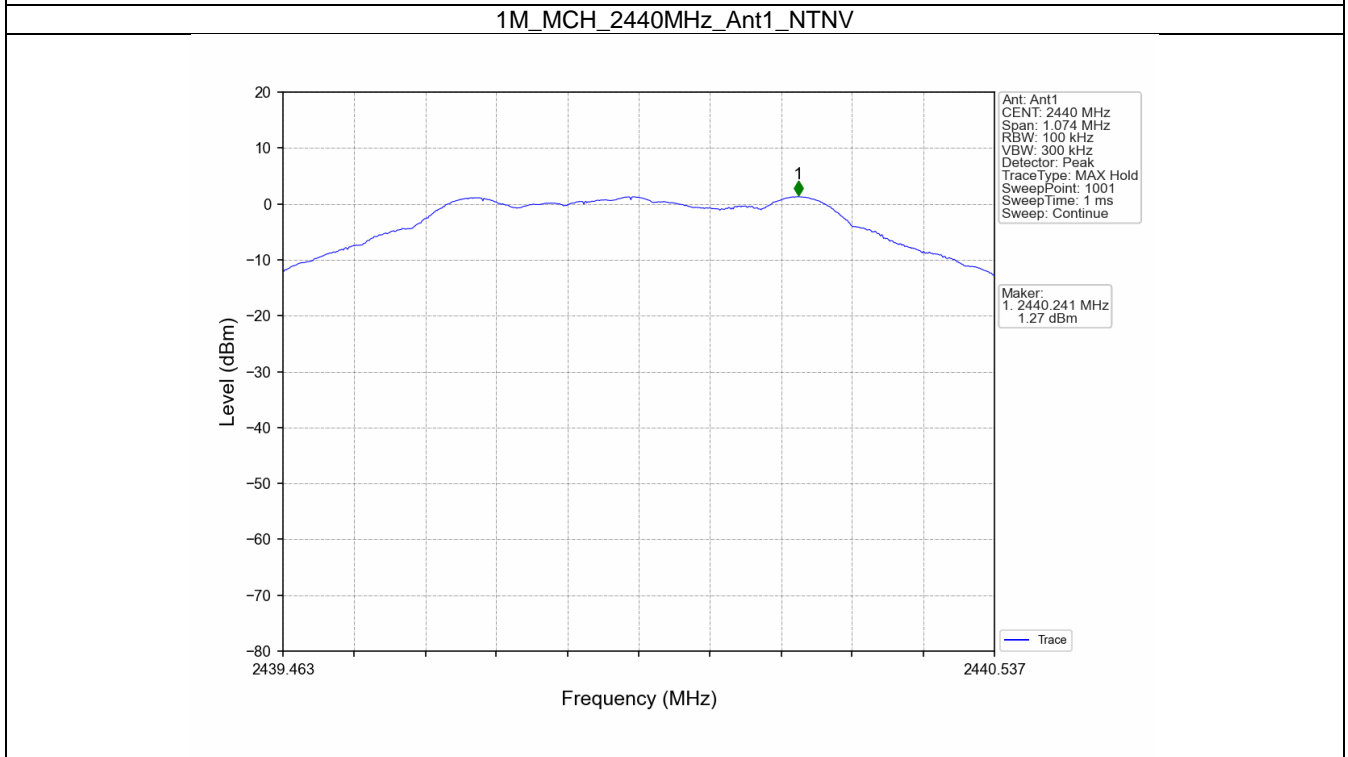
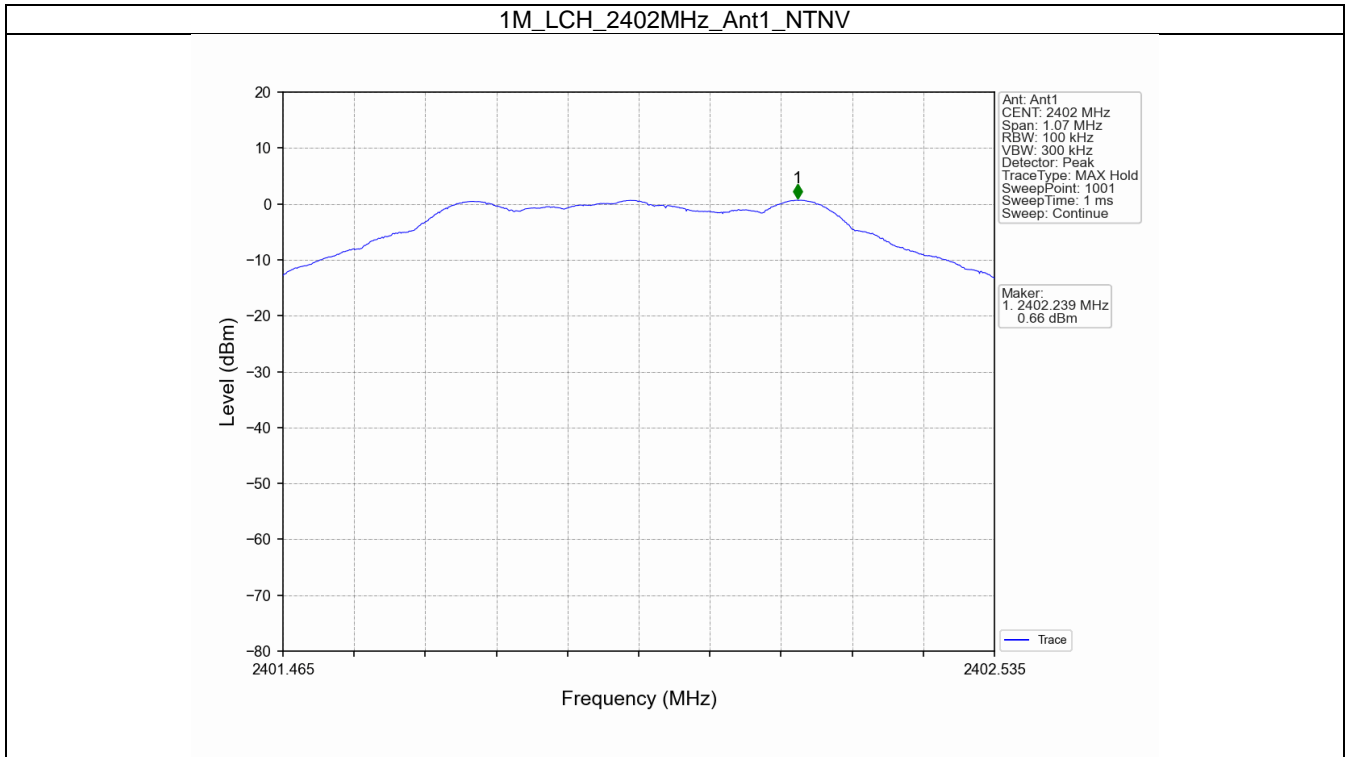
### 5.1 Ref

#### 5.1.1 Test Result

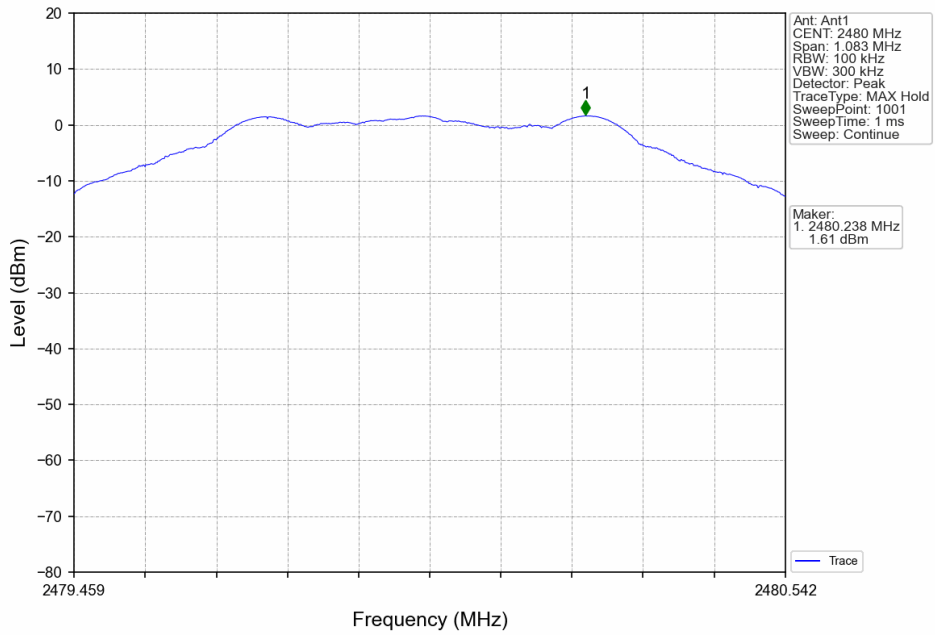
Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)
1M	SISO	2402	1	0.66
		2440	1	1.27
		2480	1	1.61
2M	SISO	2402	1	0.28
		2440	1	0.94
		2480	1	1.25

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.

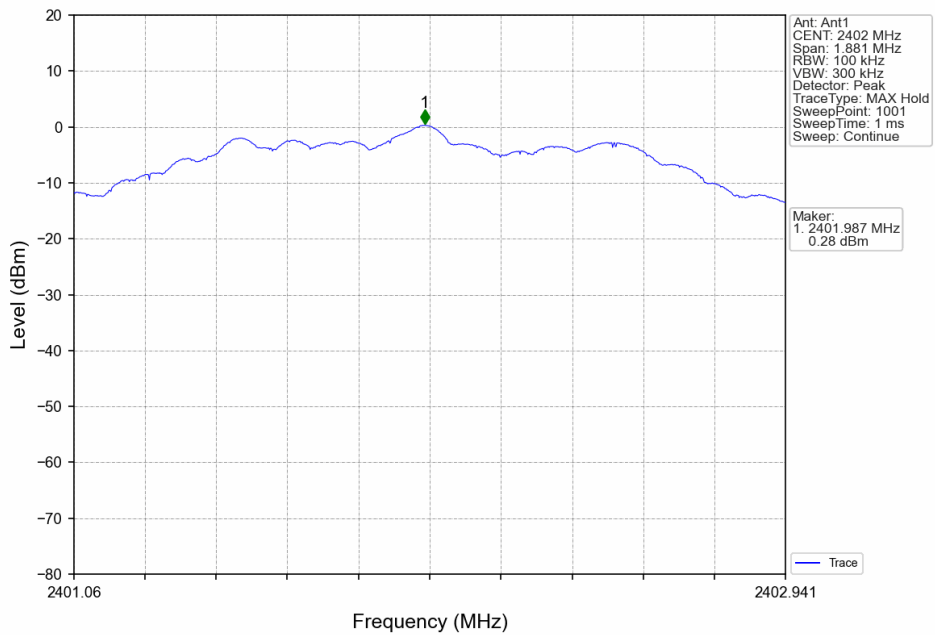
5.1.2 Test Graph



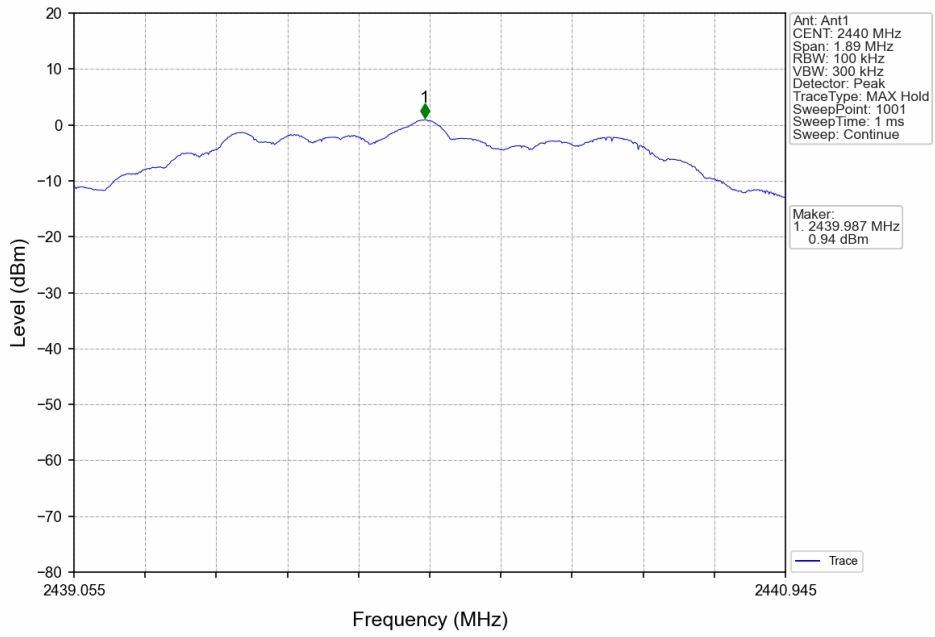
1M\_HCH\_2480MHz\_Ant1\_NTNV



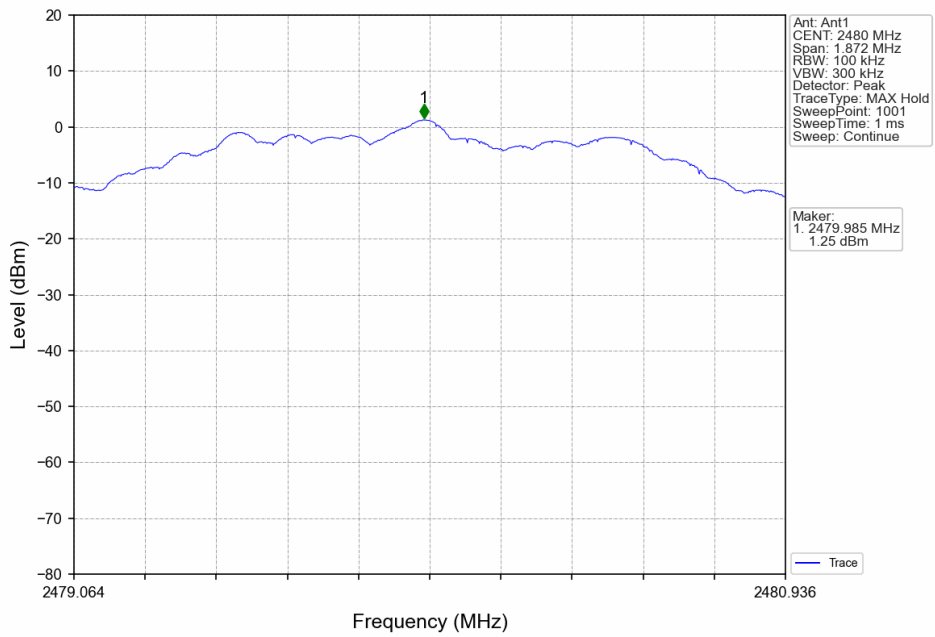
2M\_LCH\_2402MHz\_Ant1\_NTNV



2M\_MCH\_2440MHz\_Ant1\_NTNV



2M\_HCH\_2480MHz\_Ant1\_NTNV





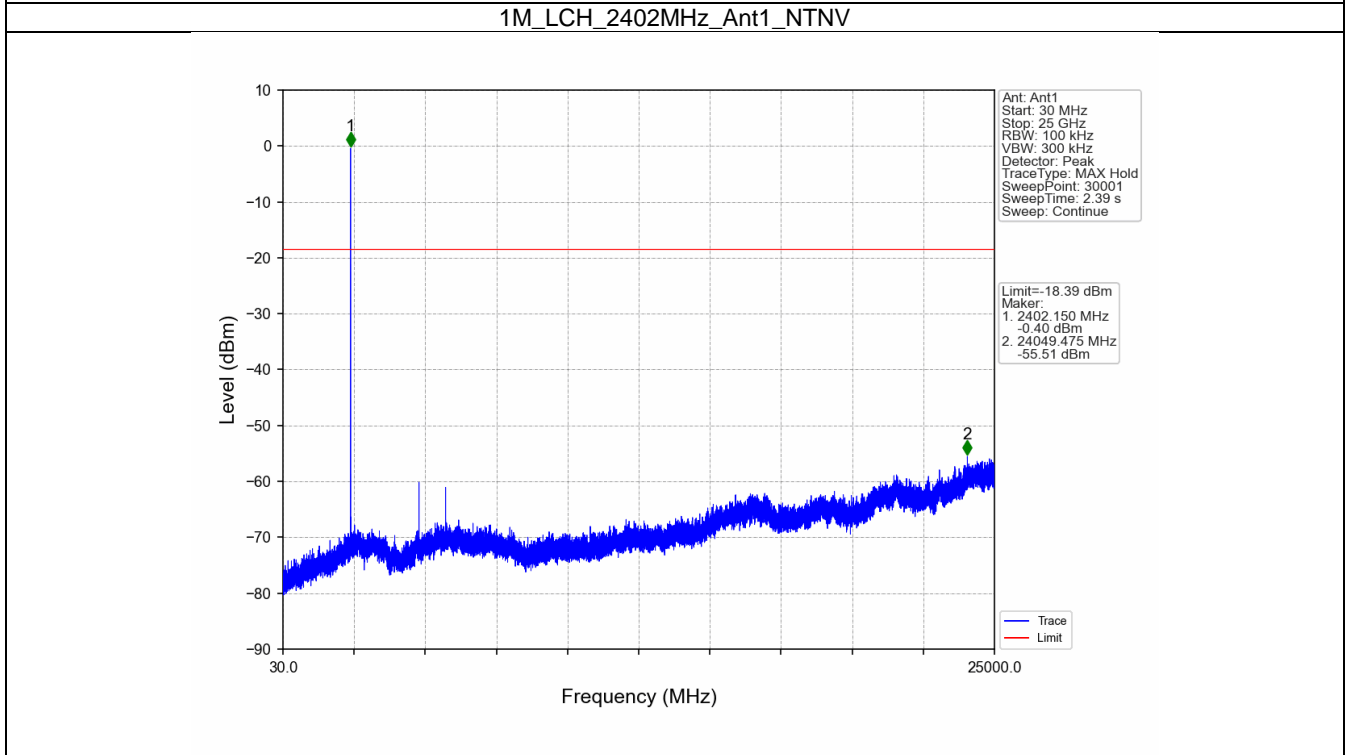
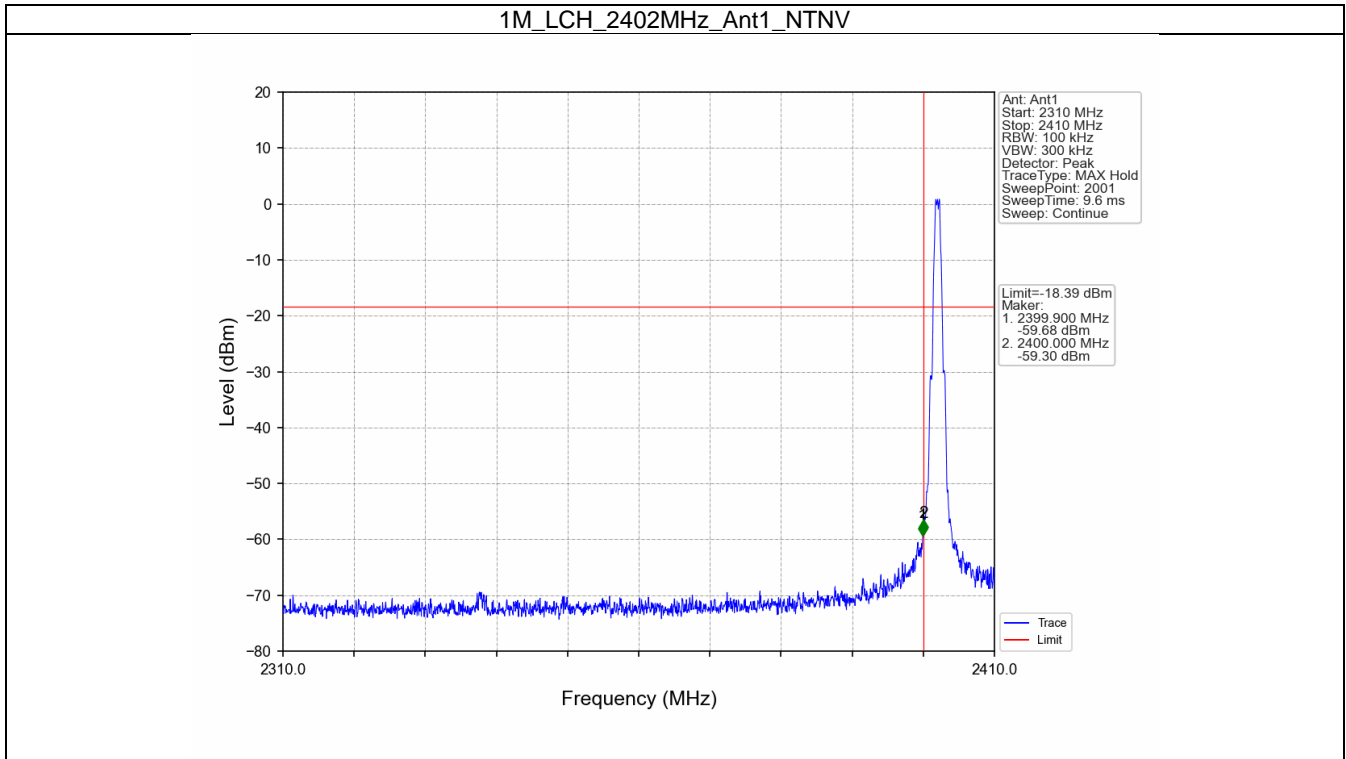
## 5.2 CSE

## 5.2.1 Test Result

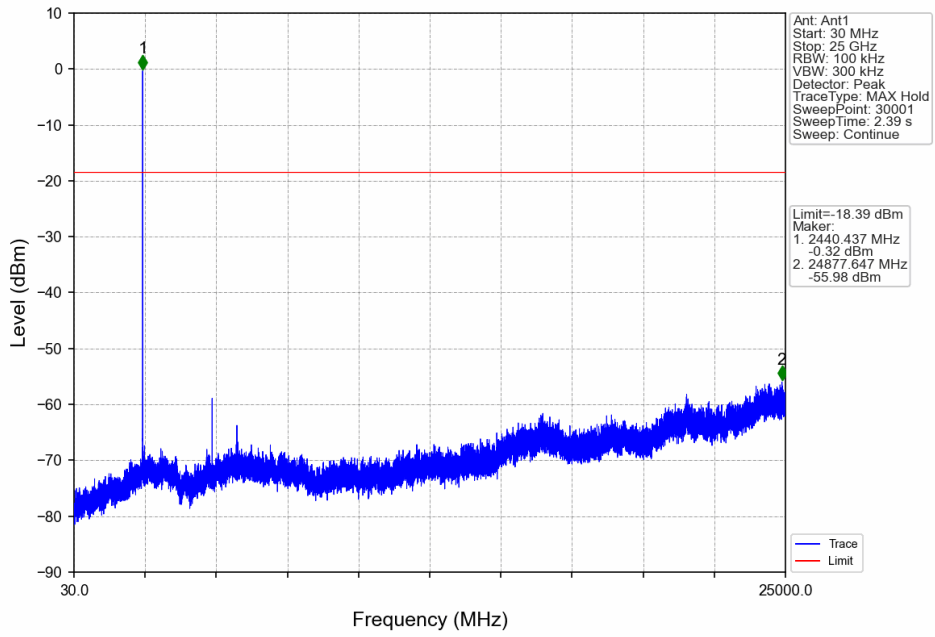
Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
1M	SISO	2402	1	1.61	-18.39	Pass
		2440	1	1.61	-18.39	Pass
		2480	1	1.61	-18.39	Pass
2M	SISO	2402	1	1.25	-18.75	Pass
		2440	1	1.25	-18.75	Pass
		2480	1	1.25	-18.75	Pass

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.

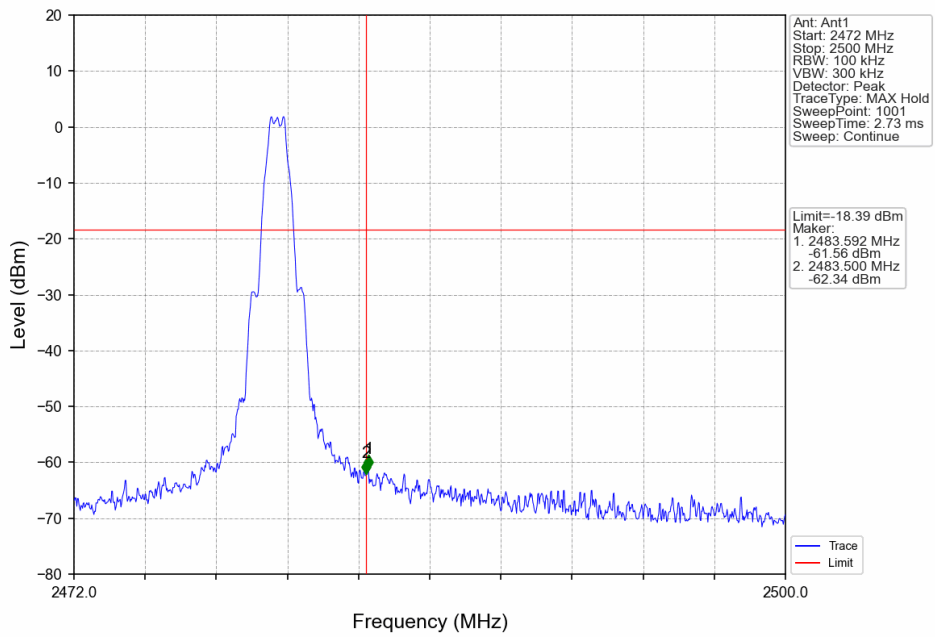
5.2.2 Test Graph



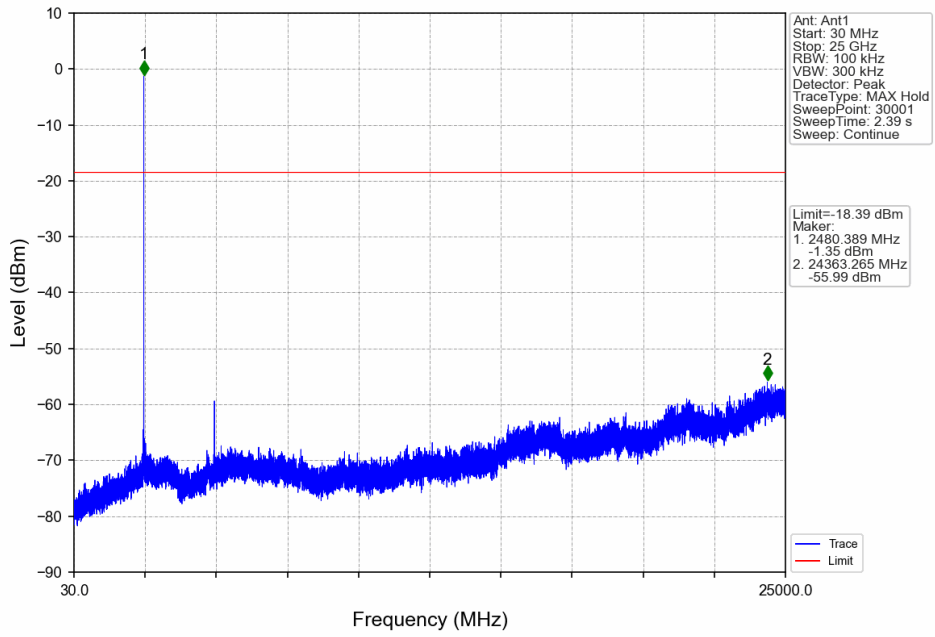
1M\_MCH\_2440MHz\_Ant1\_NTNV



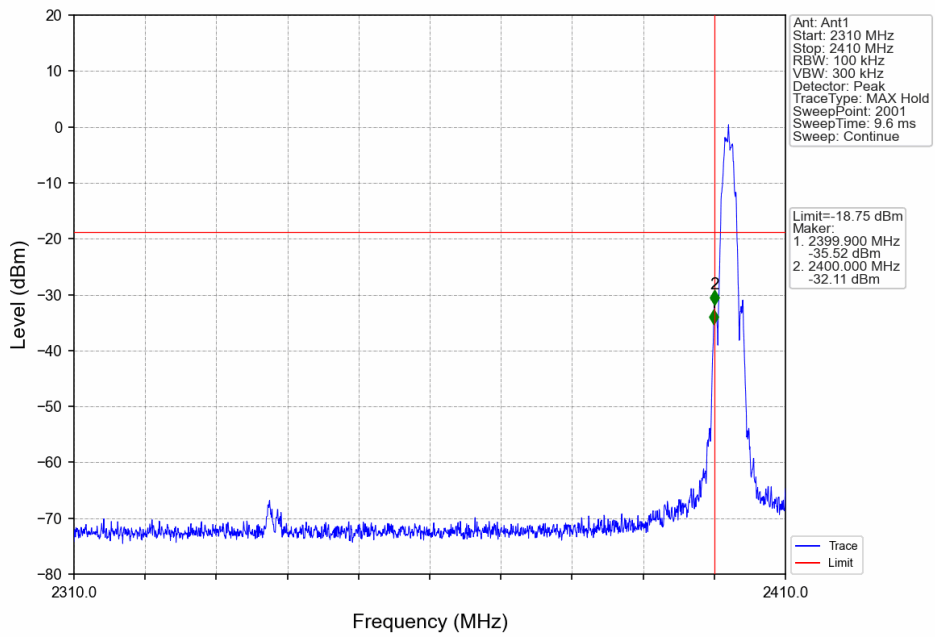
1M\_HCH\_2480MHz\_Ant1\_NTNV



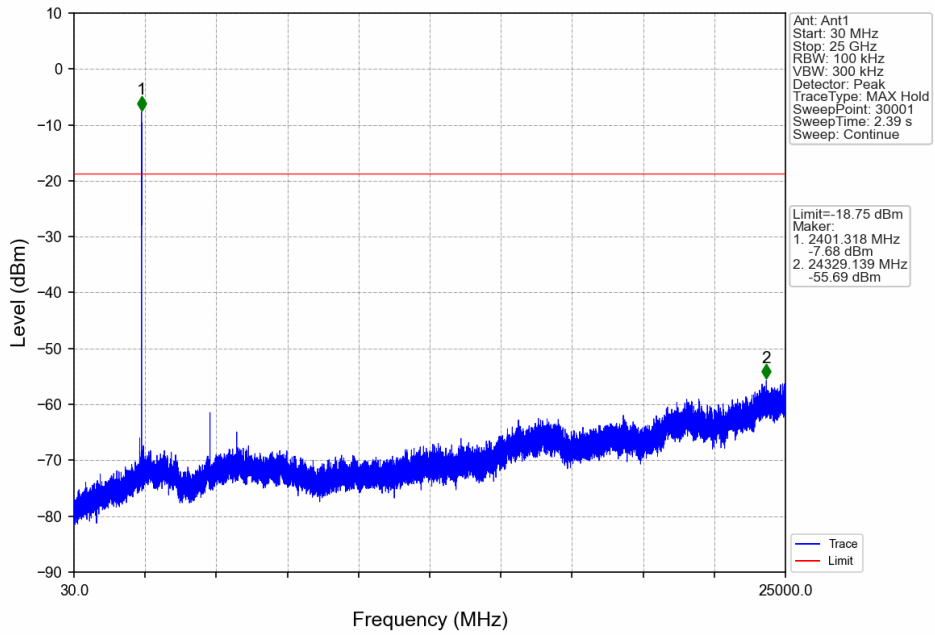
1M\_HCH\_2480MHz\_Ant1\_NTNV



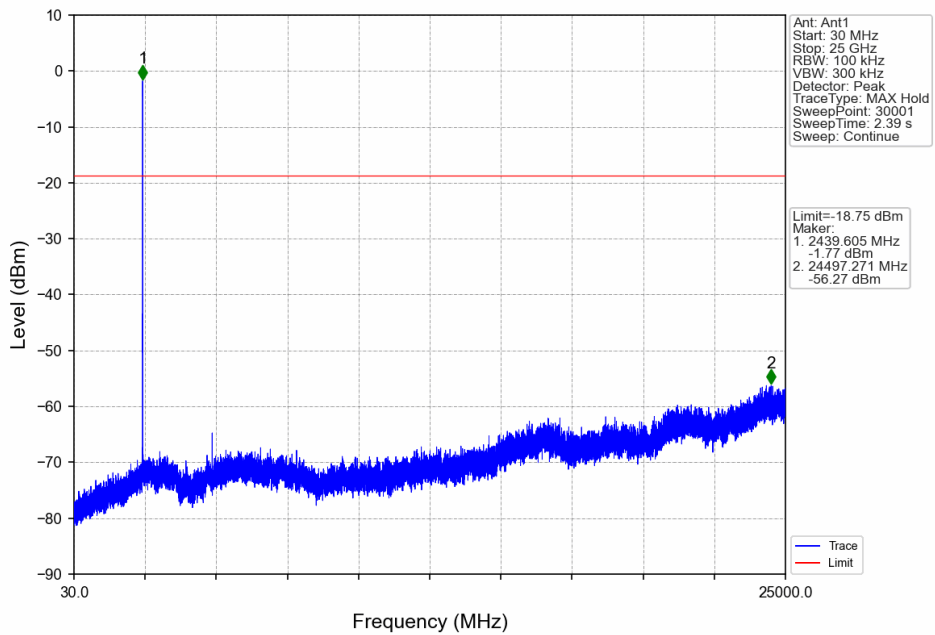
2M\_LCH\_2402MHz\_Ant1\_NTNV



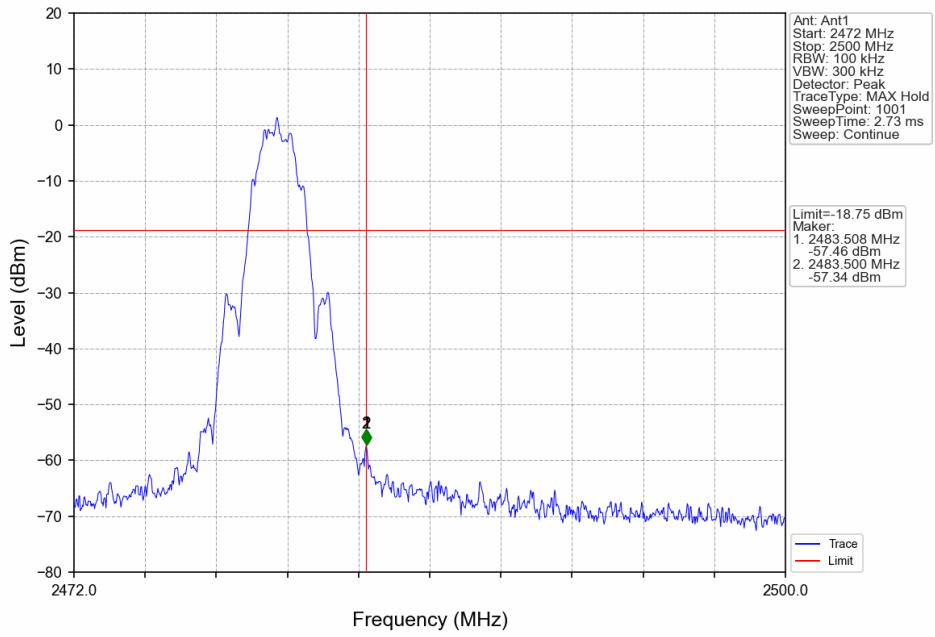
2M\_LCH\_2402MHz\_Ant1\_NTNV



2M\_MCH\_2440MHz\_Ant1\_NTNV



2M\_HCH\_2480MHz\_Ant1\_NTNV



2M\_HCH\_2480MHz\_Ant1\_NTNV

