

## 1. Duty Cycle

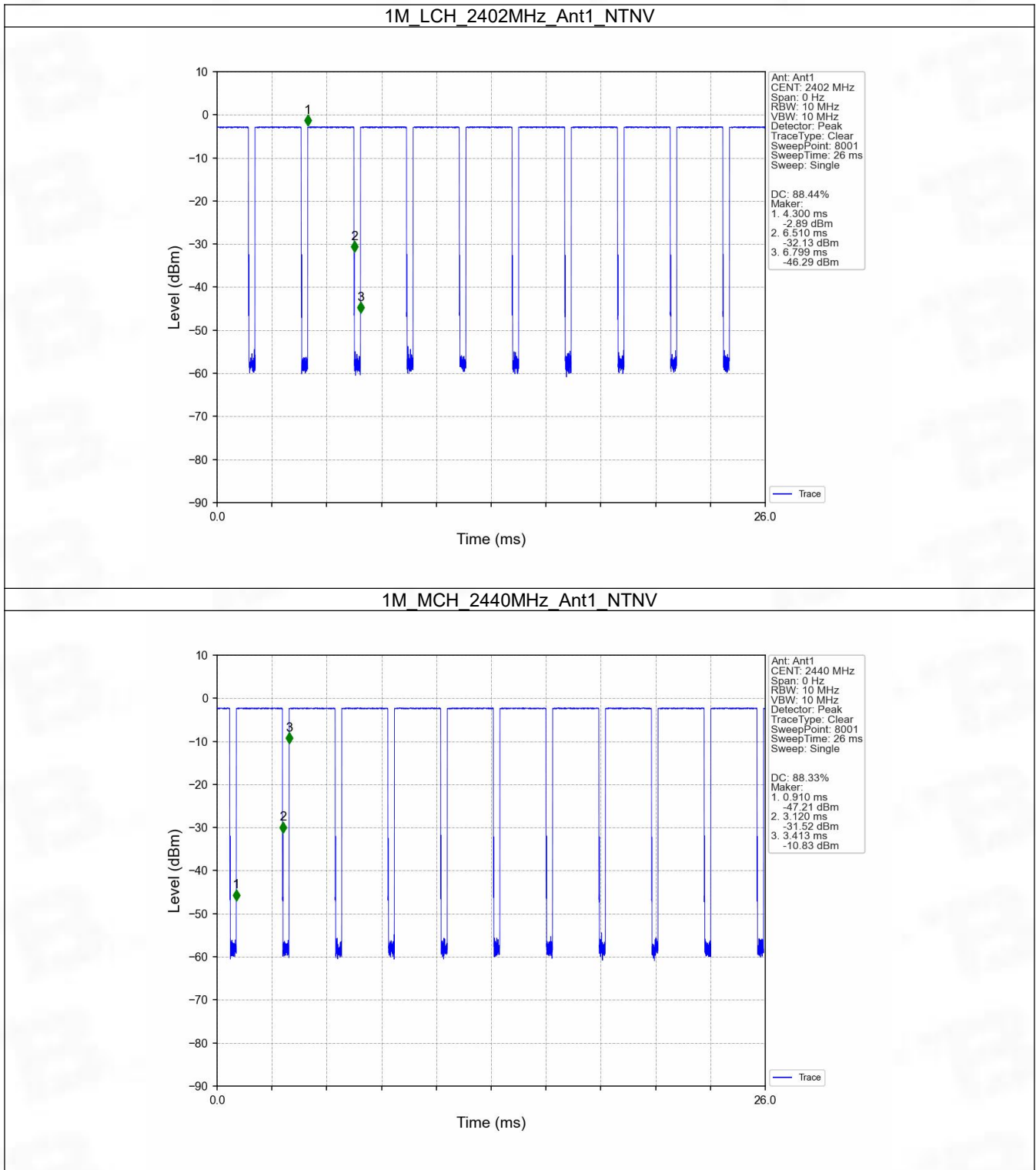
### 1.1 Test Result

#### 1.1.1 Ant1

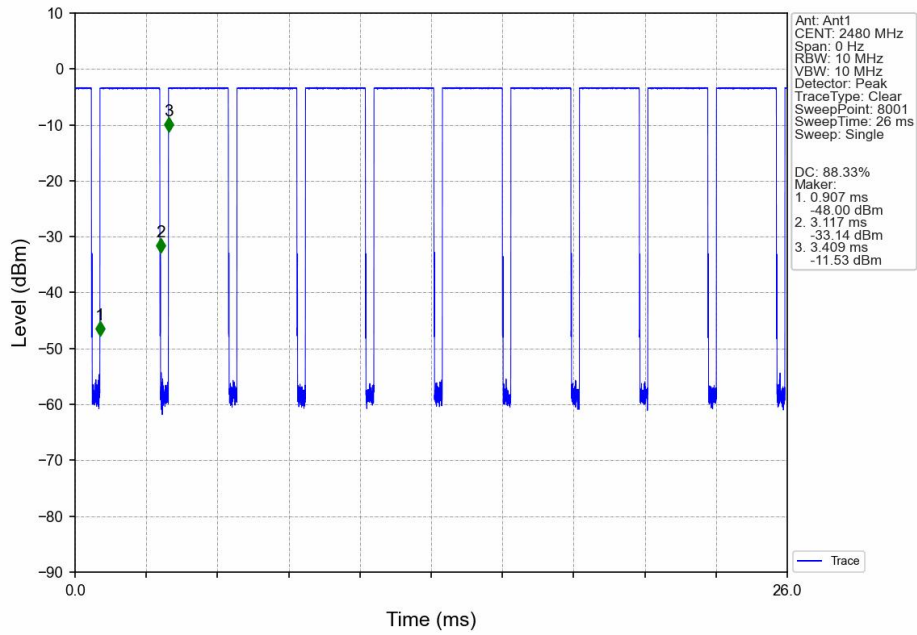
Ant1							
Mode	TX Type	Frequency (MHz)	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
1M	SISO	2402	2.210	2.499	88.44	0.53	0.13
		2440	2.210	2.502	88.33	0.54	0.25
		2480	2.210	2.502	88.33	0.54	0.25
2M	SISO	2402	1.150	2.496	46.07	3.37	0.14
		2440	1.151	2.499	46.06	3.37	0.26
		2480	1.154	2.503	46.10	3.36	0.19

## 1.2 Test Graph

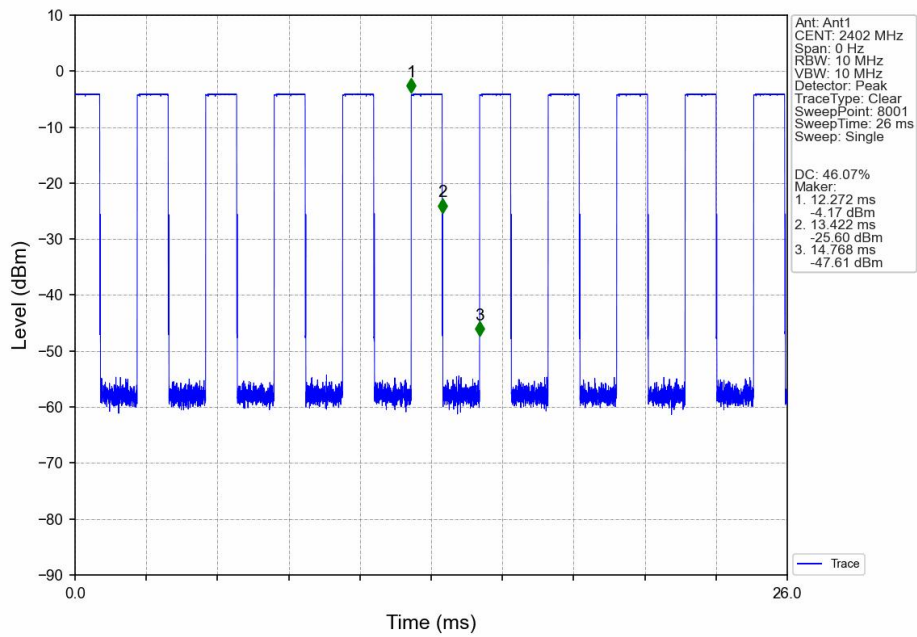
### 1.2.1 Ant1



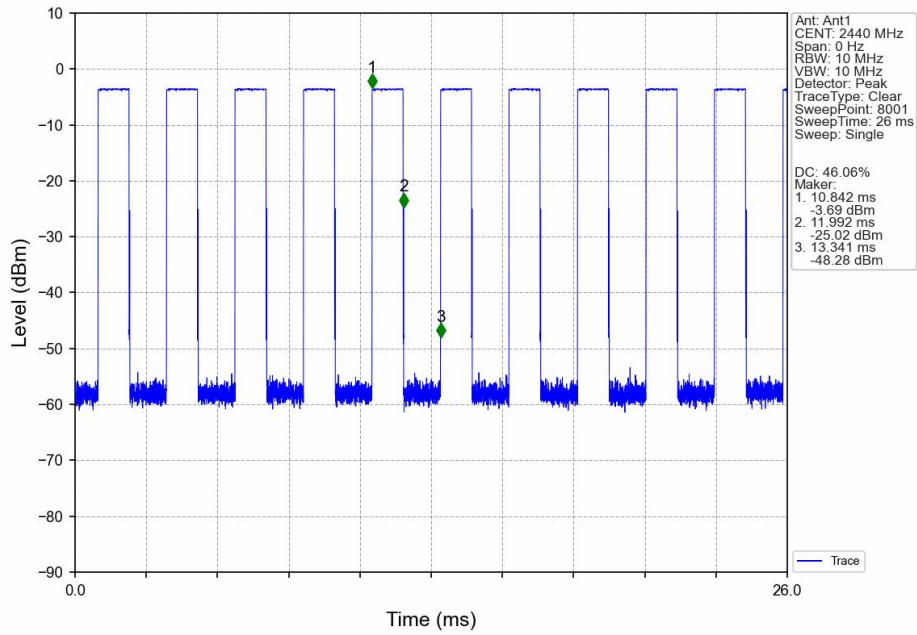
1M\_HCH\_2480MHz\_Ant1\_NTNV



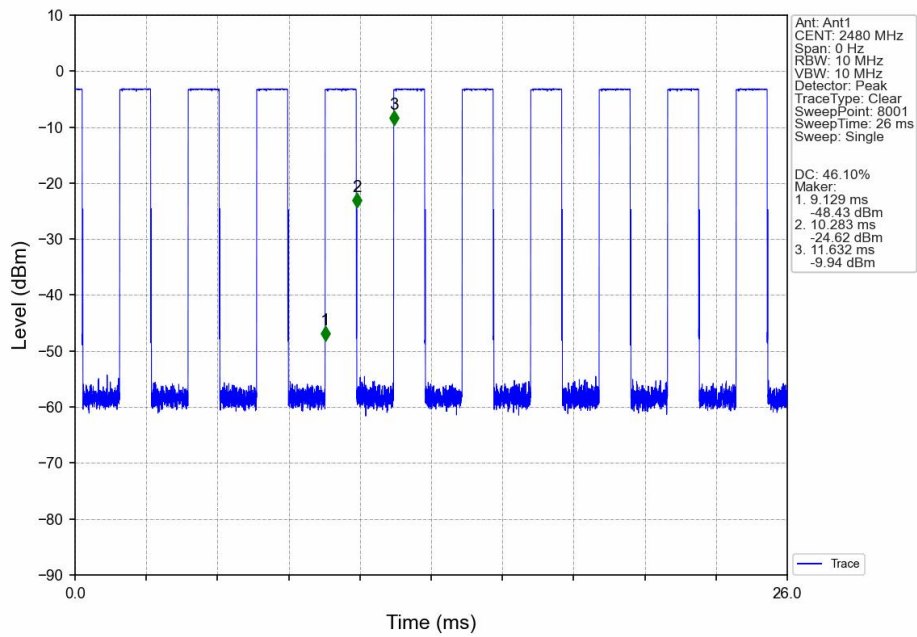
2M\_LCH\_2402MHz\_Ant1\_NTNV



2M\_MCH\_2440MHz\_Ant1\_NTNV



2M\_HCH\_2480MHz\_Ant1\_NTNV



## 2. Bandwidth

### 2.1 Test Result

#### 2.1.1 OBW

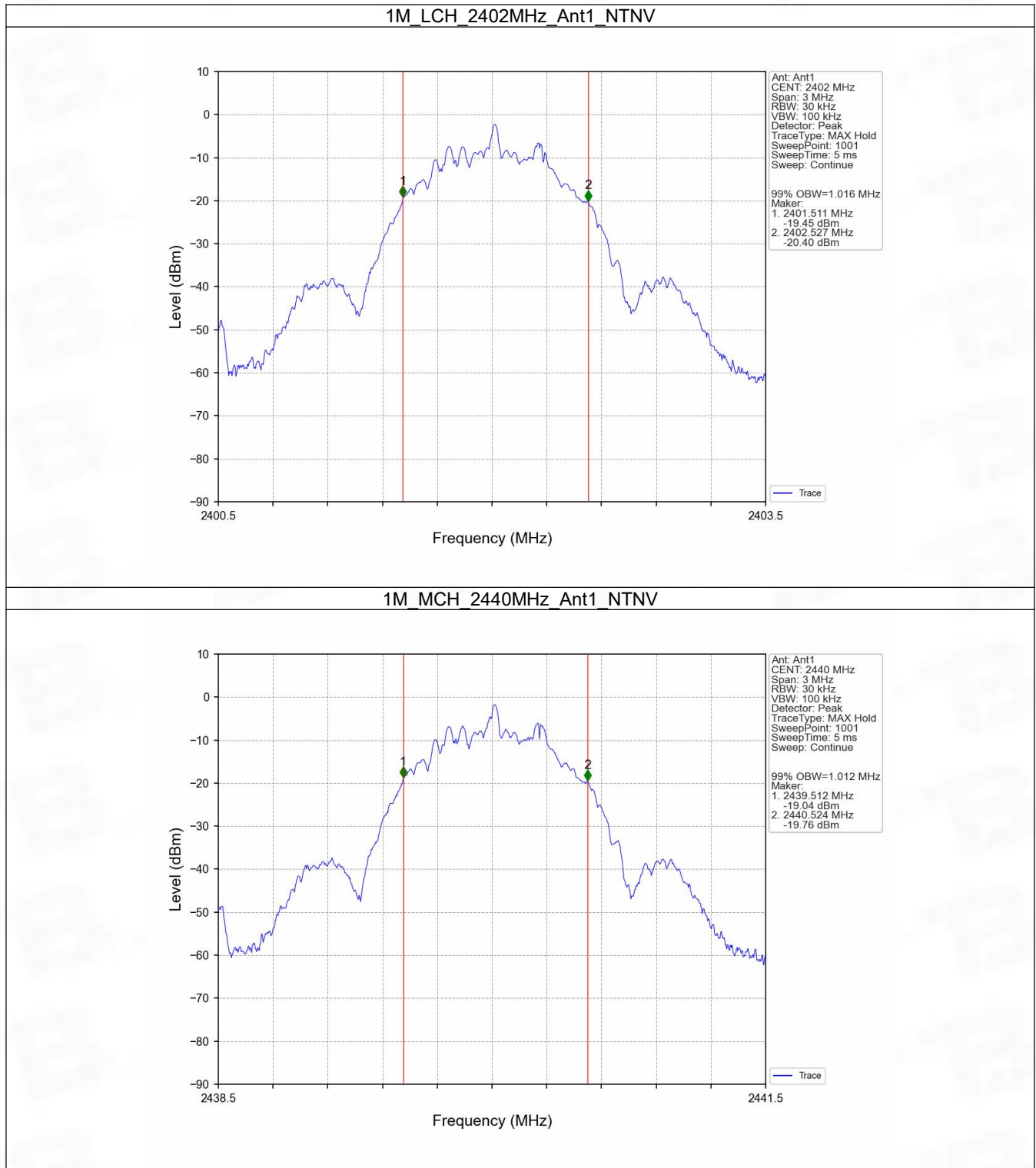
Mode	TX Type	Frequency (MHz)	ANT	99% Occupied Bandwidth (MHz)		Verdict
				Result	Limit	
1M	SISO	2402	1	1.016	/	Pass
		2440	1	1.012	/	Pass
		2480	1	1.014	/	Pass
2M	SISO	2402	1	2.054	/	Pass
		2440	1	2.046	/	Pass
		2480	1	2.052	/	Pass

#### 2.1.2 6dB BW

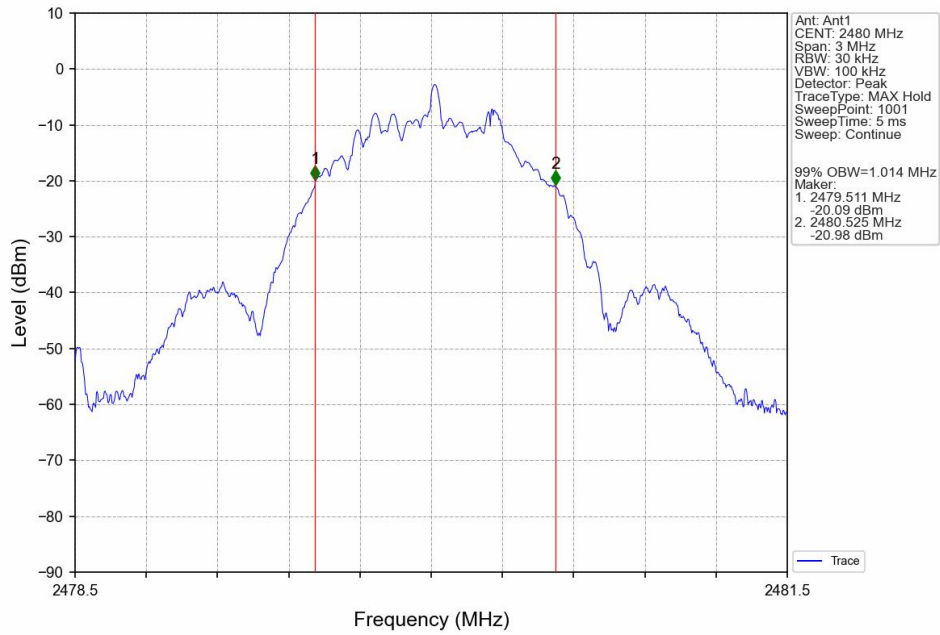
Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
1M	SISO	2402	1	0.665	$\geq 0.5$	Pass
		2440	1	0.664	$\geq 0.5$	Pass
		2480	1	0.662	$\geq 0.5$	Pass
2M	SISO	2402	1	1.141	$\geq 0.5$	Pass
		2440	1	1.135	$\geq 0.5$	Pass
		2480	1	1.130	$\geq 0.5$	Pass

## 2.2 Test Graph

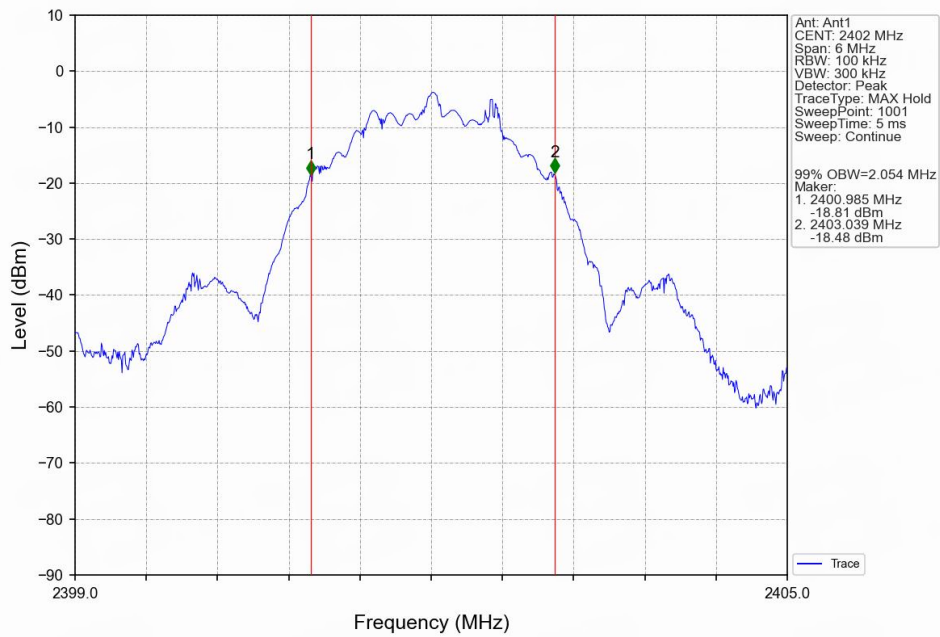
### 2.2.1 OBW



1M\_HCH\_2480MHz\_Ant1\_NTNV

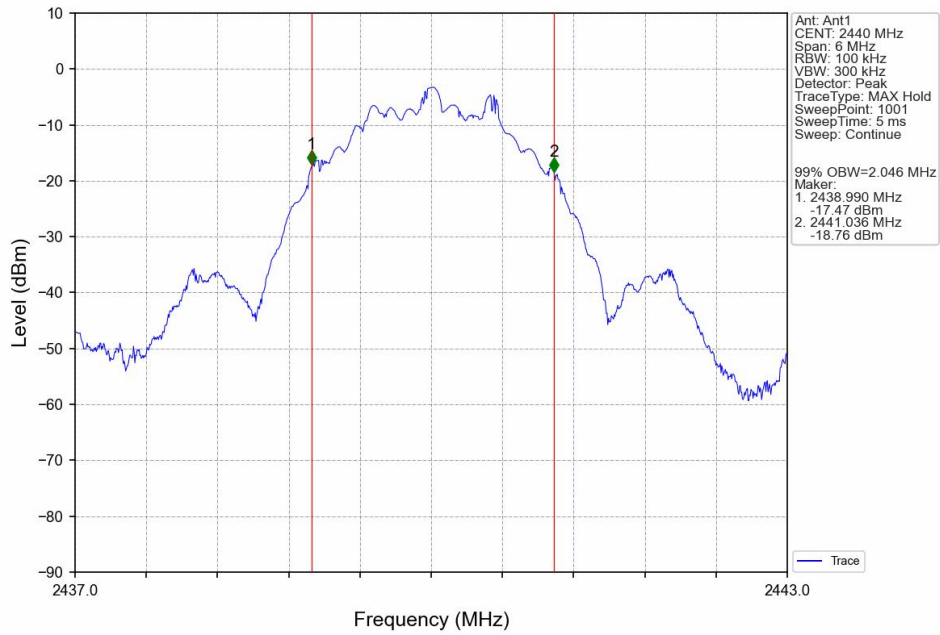


2M\_LCH\_2402MHz\_Ant1\_NTNV

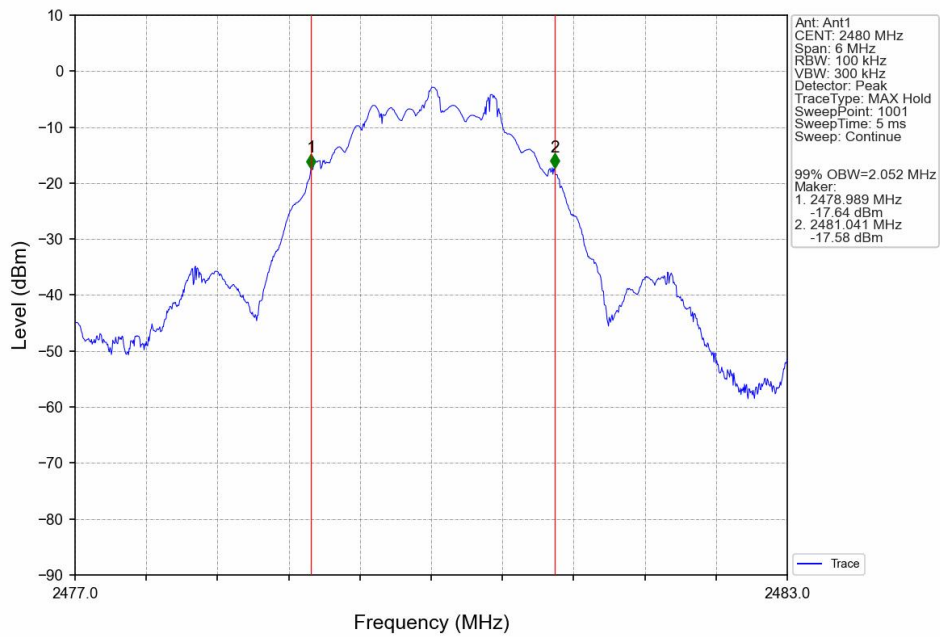




2M\_MCH\_2440MHz\_Ant1\_NTNV

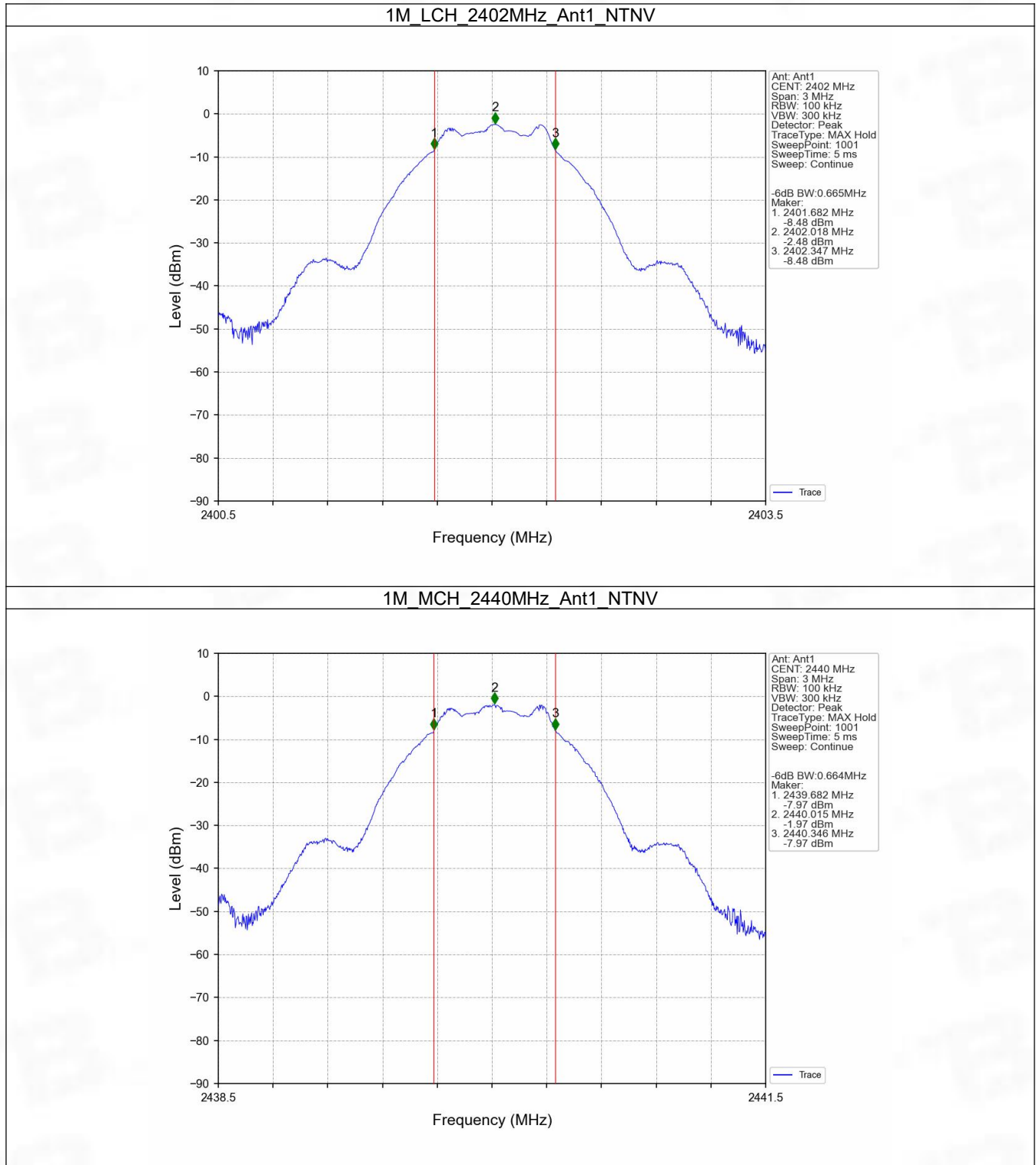


2M\_HCH\_2480MHz\_Ant1\_NTNV

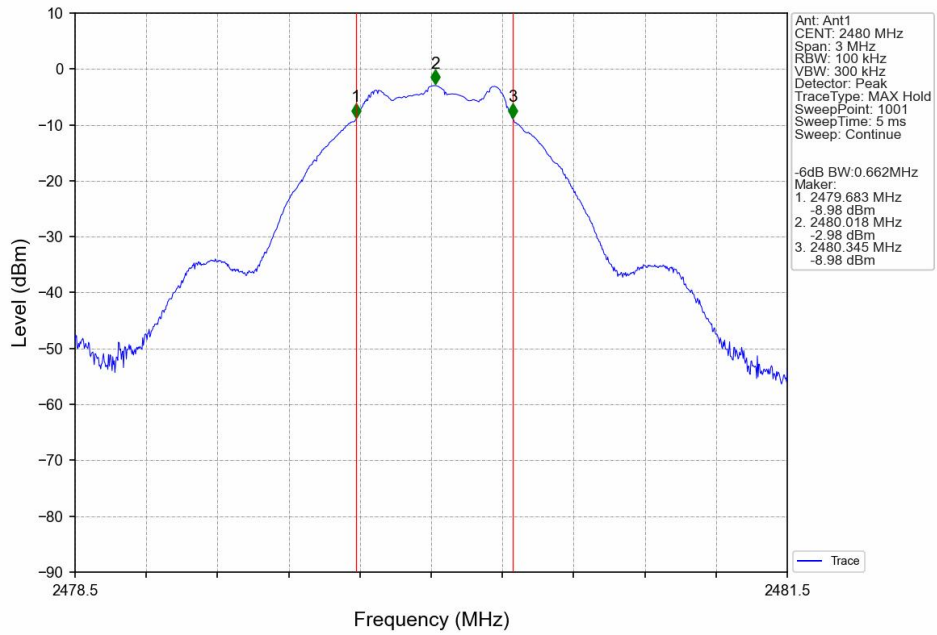




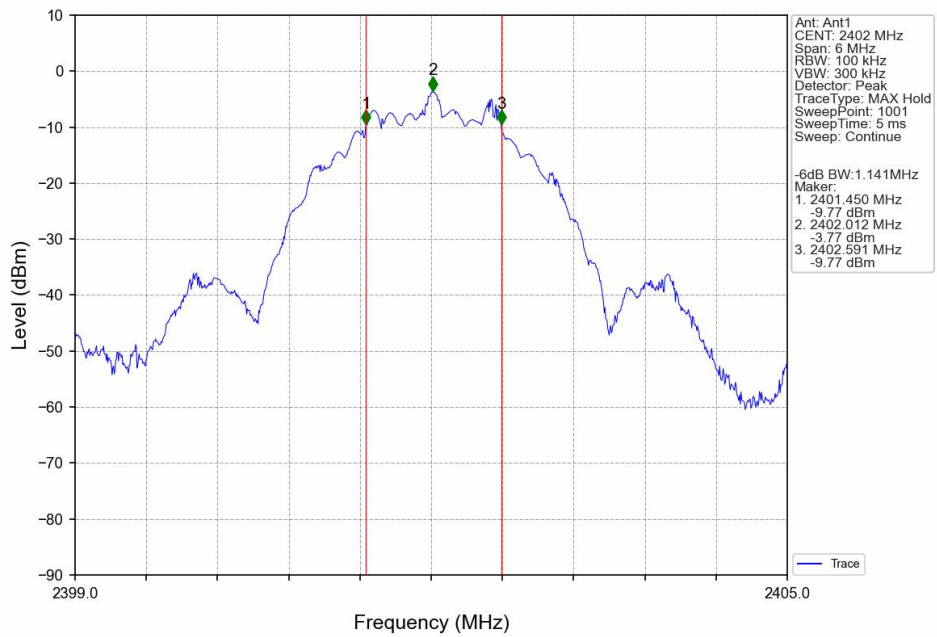
## 2.2.2 6dB BW



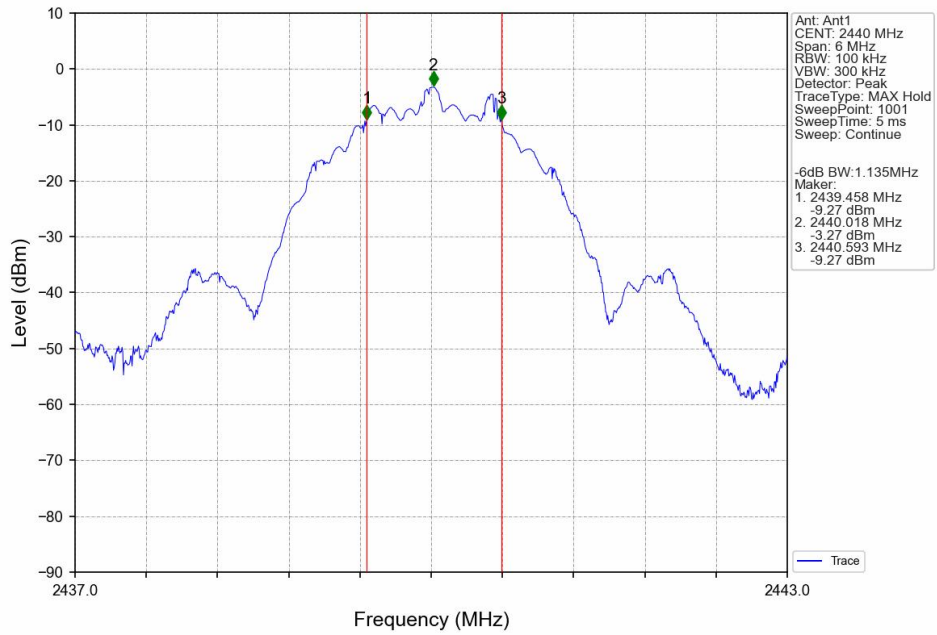
1M\_HCH\_2480MHz\_Ant1\_NTNV



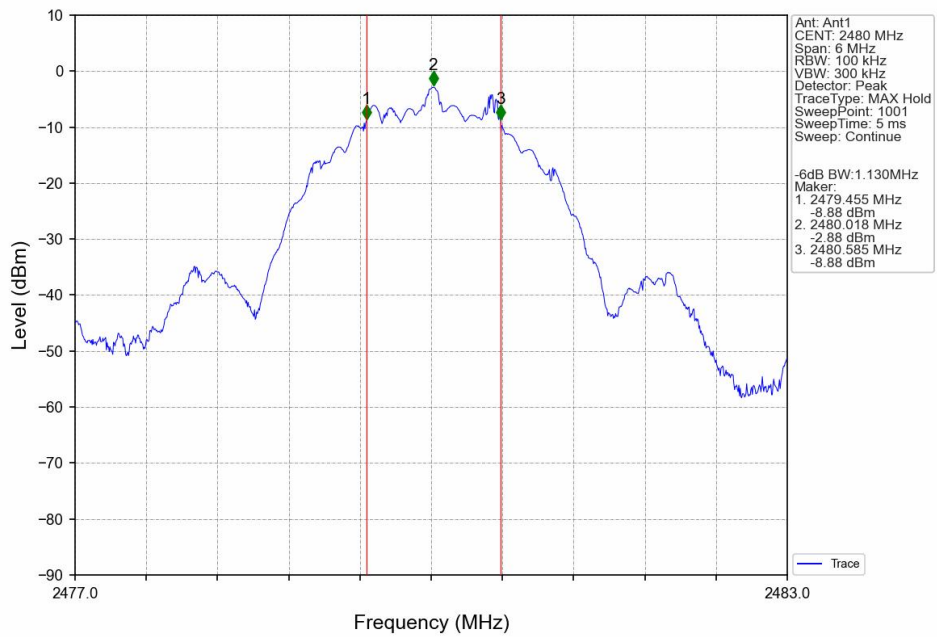
2M\_LCH\_2402MHz\_Ant1\_NTNV



2M\_MCH\_2440MHz\_Ant1\_NTNV



2M\_HCH\_2480MHz\_Ant1\_NTNV



### 3. Maximum Conducted Output Power

#### 3.1 Test Result

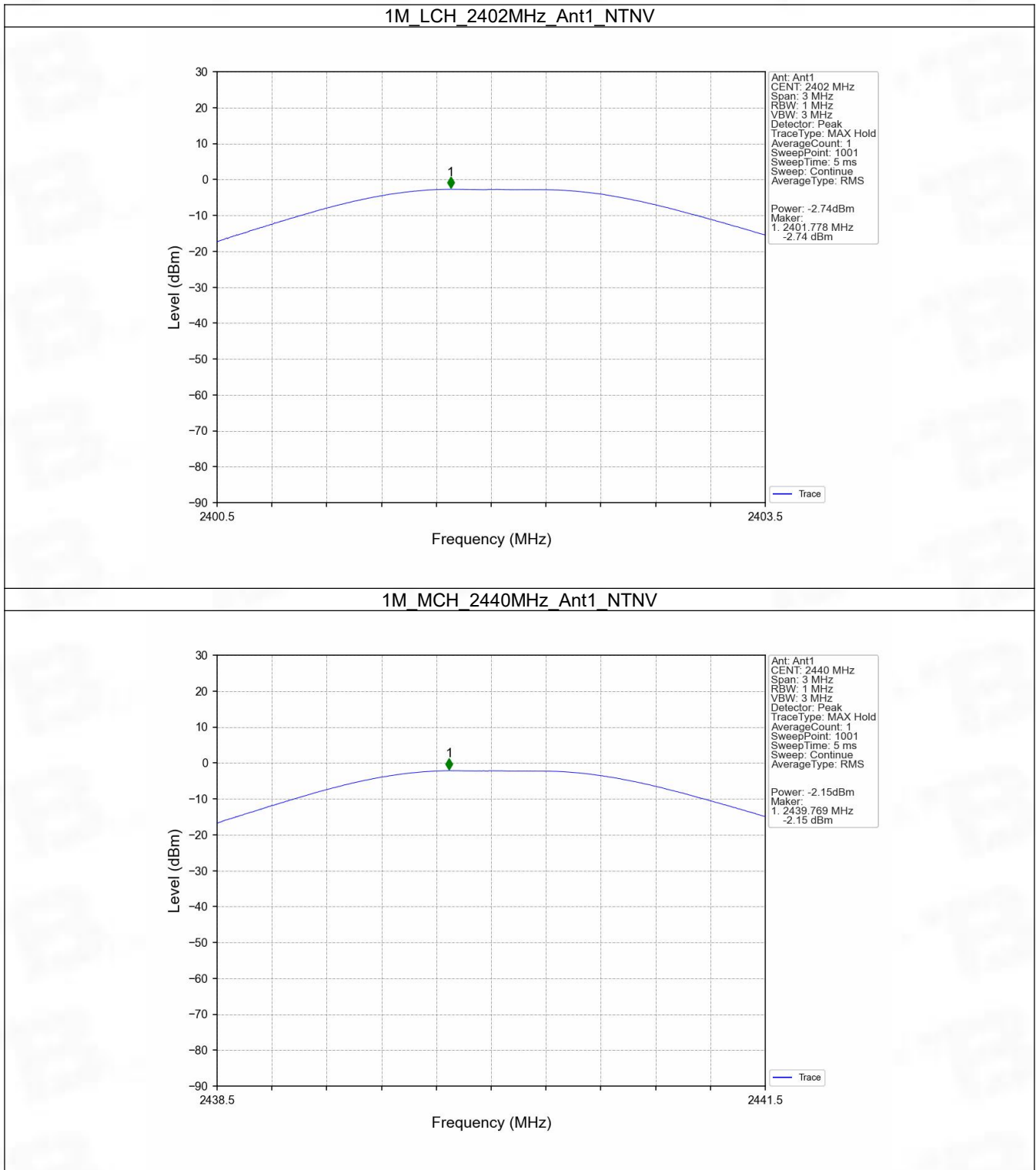
##### 3.1.1 Power

Mode	TX Type	Frequency (MHz)	Maximum Peak Conducted Output Power (dBm)		Verdict
			ANT1	Limit	
1M	SISO	2402	-2.74	<=30	Pass
		2440	-2.15	<=30	Pass
		2480	-3.24	<=30	Pass
2M	SISO	2402	-3.93	<=30	Pass
		2440	-3.41	<=30	Pass
		2480	-2.98	<=30	Pass

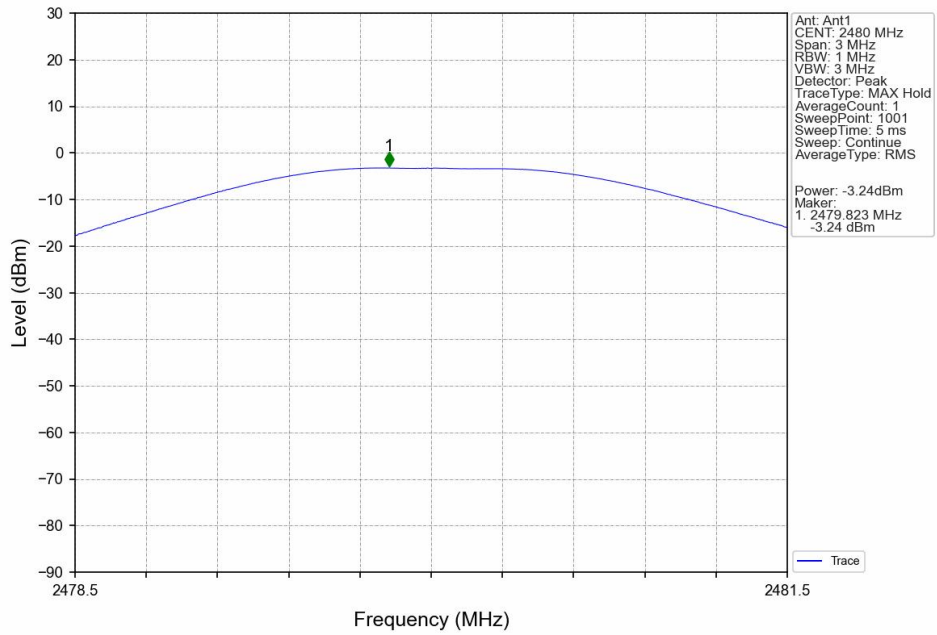
Note1: Antenna Gain: Ant1: -0.98dBi;

### 3.2 Test Graph

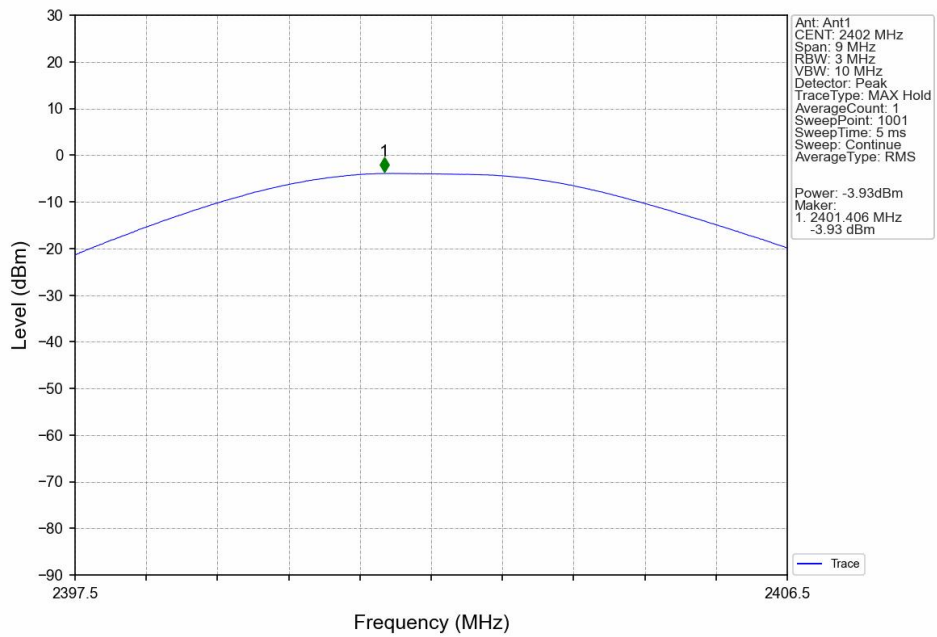
#### 3.2.1 Power



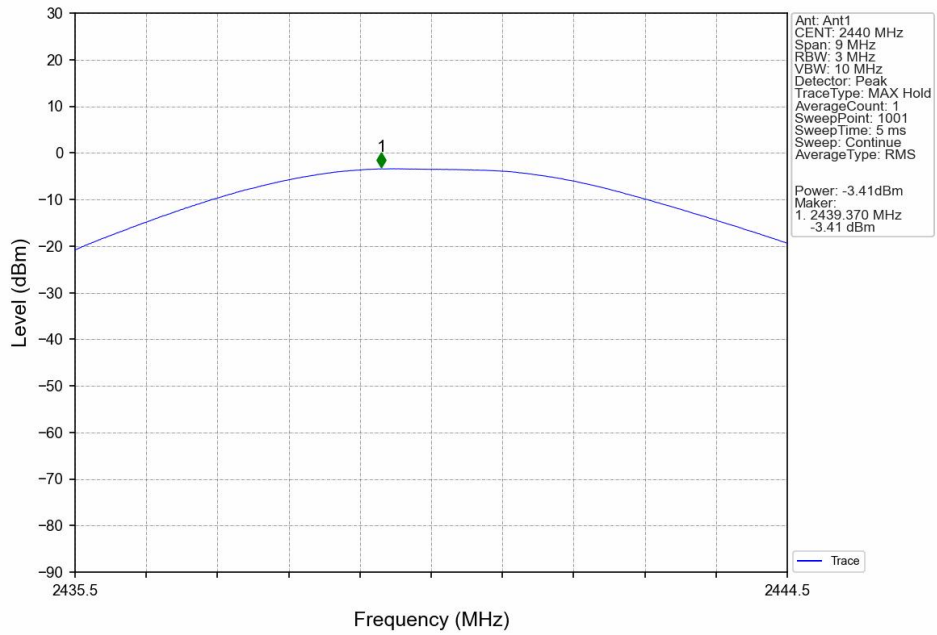
1M\_HCH\_2480MHz\_Ant1\_NTNV



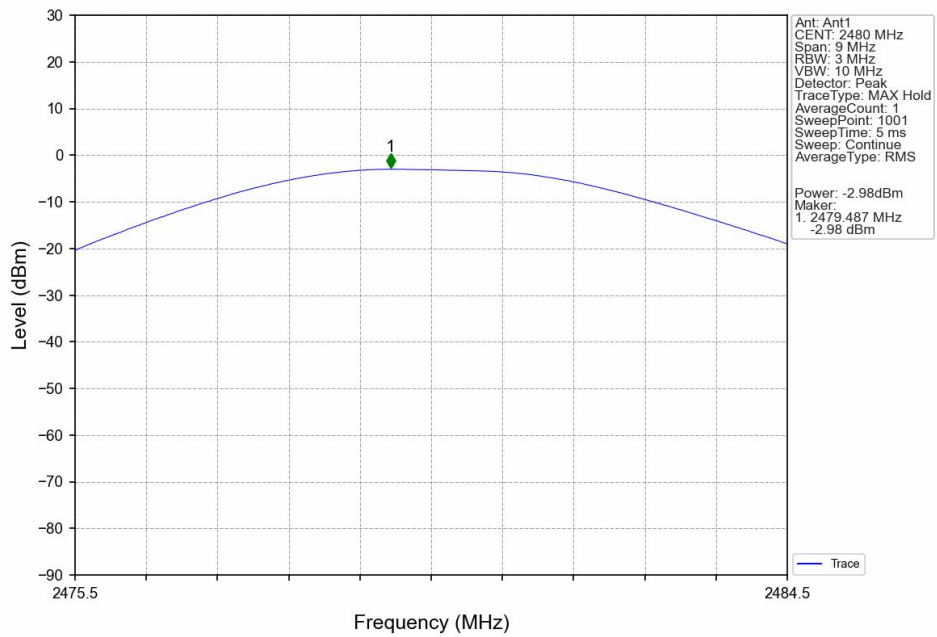
2M\_LCH\_2402MHz\_Ant1\_NTNV



2M\_MCH\_2440MHz\_Ant1\_NTNV



2M\_HCH\_2480MHz\_Ant1\_NTNV





## 4. Maximum Power Spectral Density

### 4.1 Test Result

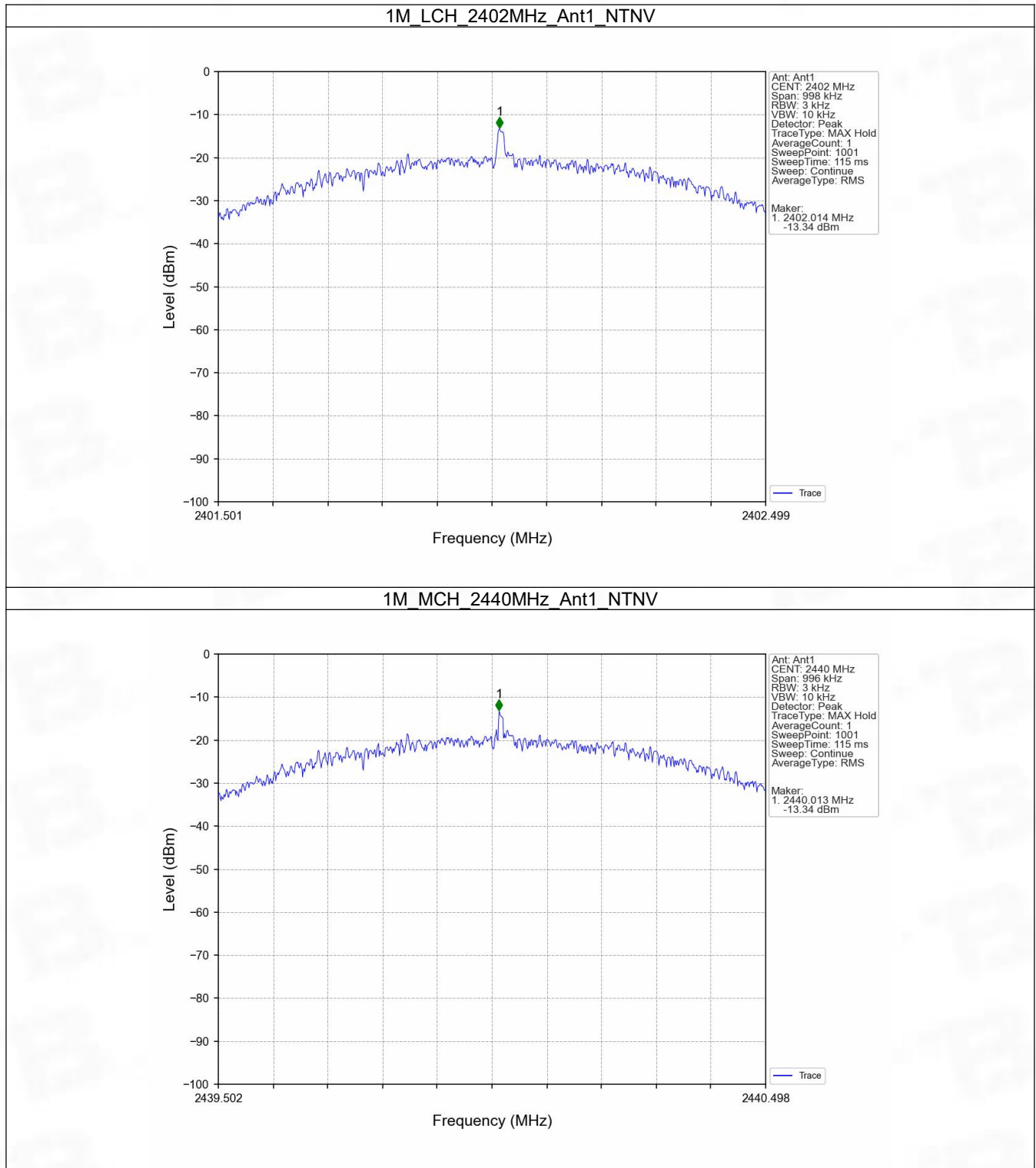
#### 4.1.1 PSD

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/3kHz)		Verdict
			ANT1	Limit	
1M	SISO	2402	-13.34	<=8	Pass
		2440	-13.34	<=8	Pass
		2480	-13.83	<=8	Pass
2M	SISO	2402	-15.16	<=8	Pass
		2440	-15.62	<=8	Pass
		2480	-14.36	<=8	Pass

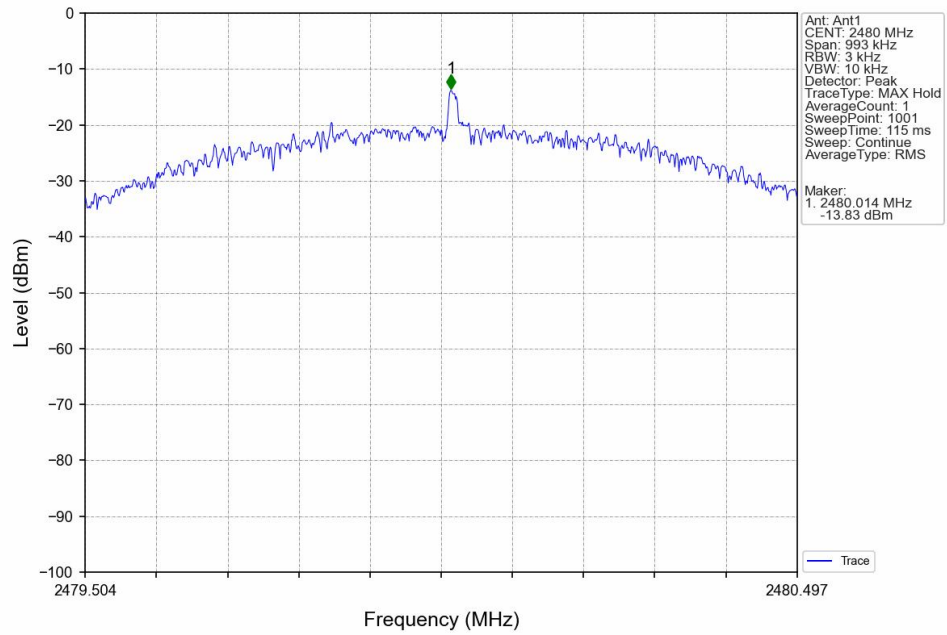
Note1: Antenna Gain: Ant1: -0.98dBi;

## 4.2 Test Graph

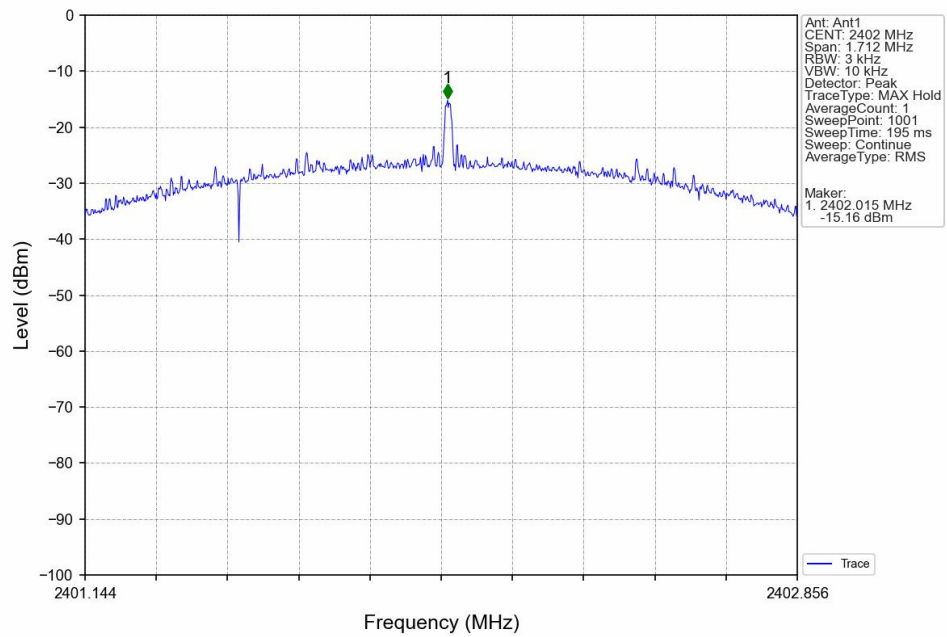
### 4.2.1 PSD



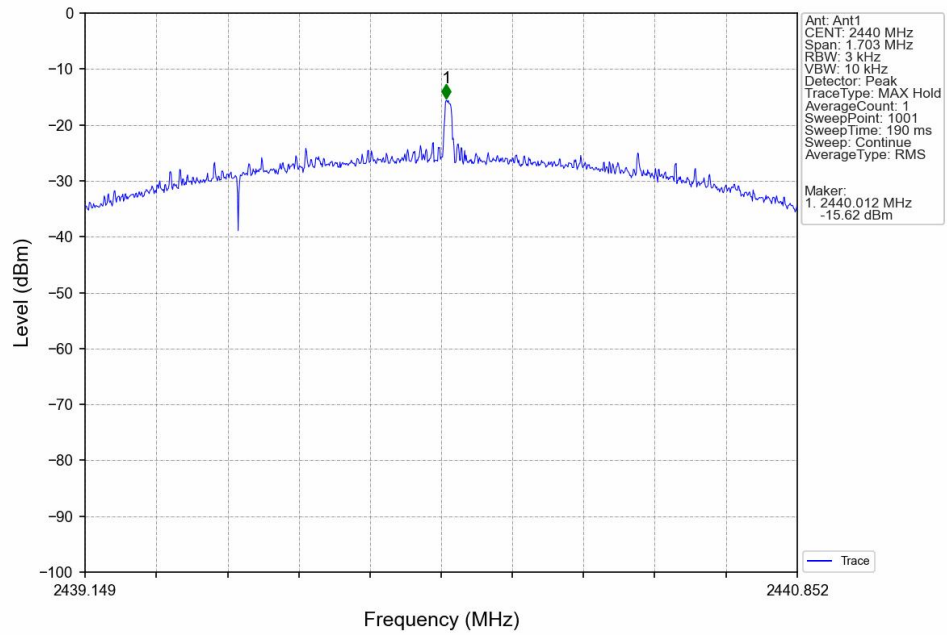
1M\_HCH\_2480MHz\_Ant1\_NTNV



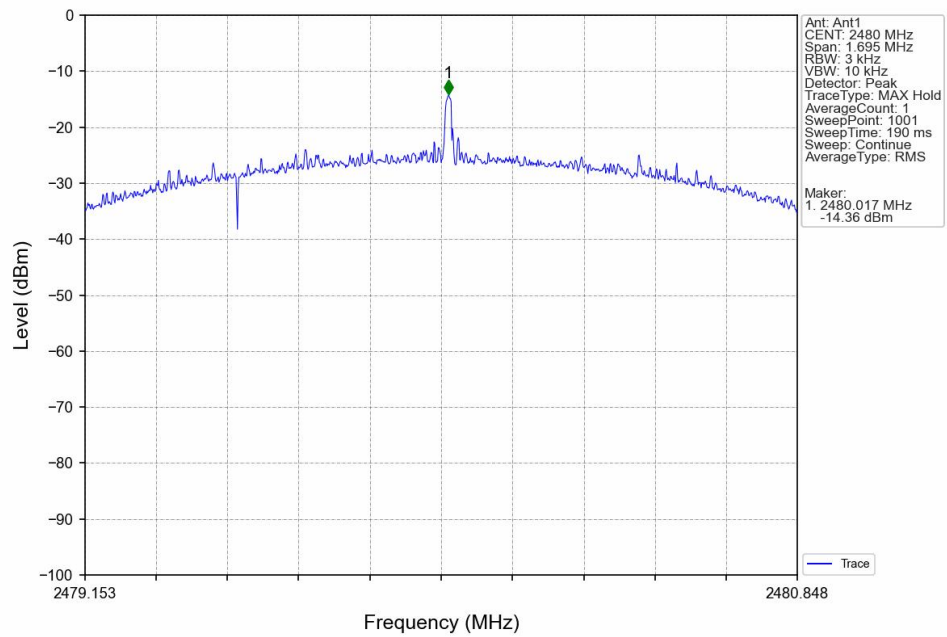
2M\_LCH\_2402MHz\_Ant1\_NTNV



2M\_MCH\_2440MHz\_Ant1\_NTNV



2M\_HCH\_2480MHz\_Ant1\_NTNV



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

### 5.1 Test Result

#### 5.1.1 Ref

Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)
1M	SISO	2402	1	-2.49
		2440	1	-1.93
		2480	1	-3.00
2M	SISO	2402	1	-3.77
		2440	1	-3.27
		2480	1	-2.88

Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2020, the channel contains the maximum PSD level was used to establish the reference level.

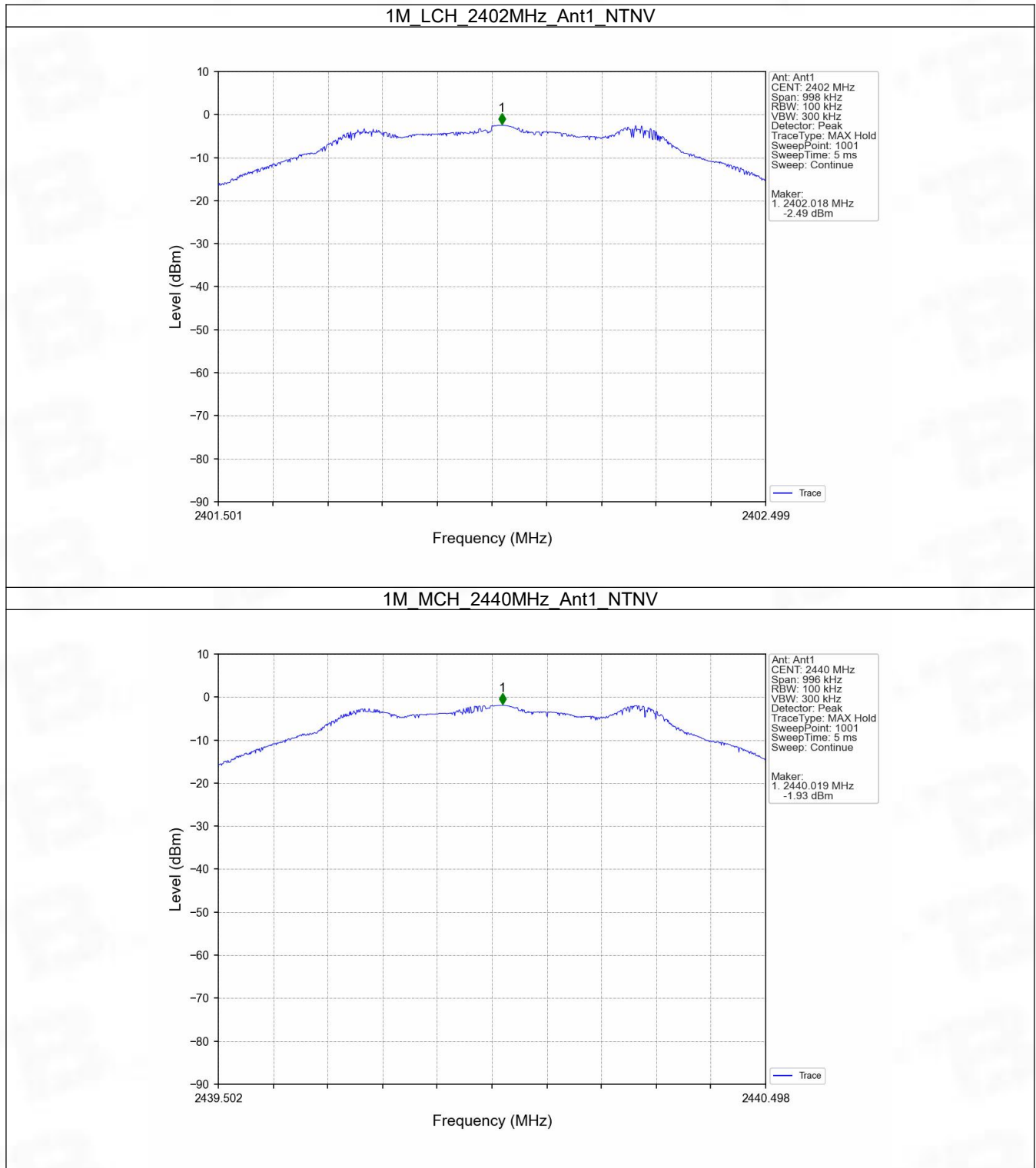
#### 5.1.2 CSE

Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
1M	SISO	2402	1	-1.93	-21.93	Pass
		2440	1	-1.93	-21.93	Pass
		2480	1	-1.93	-21.93	Pass
2M	SISO	2402	1	-2.88	-22.88	Pass
		2440	1	-2.88	-22.88	Pass
		2480	1	-2.88	-22.88	Pass

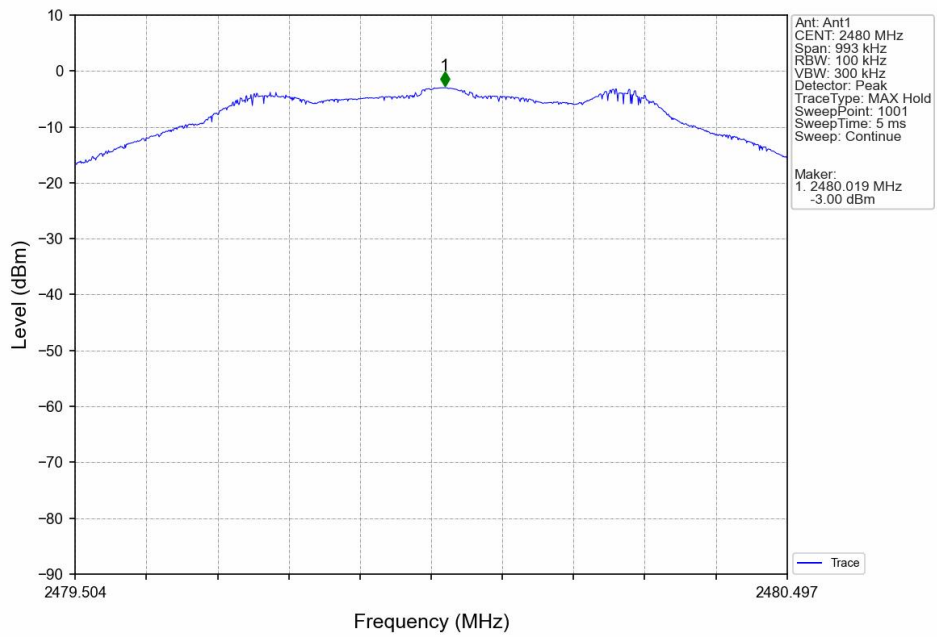
Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2020, the channel contains the maximum PSD level was used to establish the reference level.

## 5.2 Test Graph

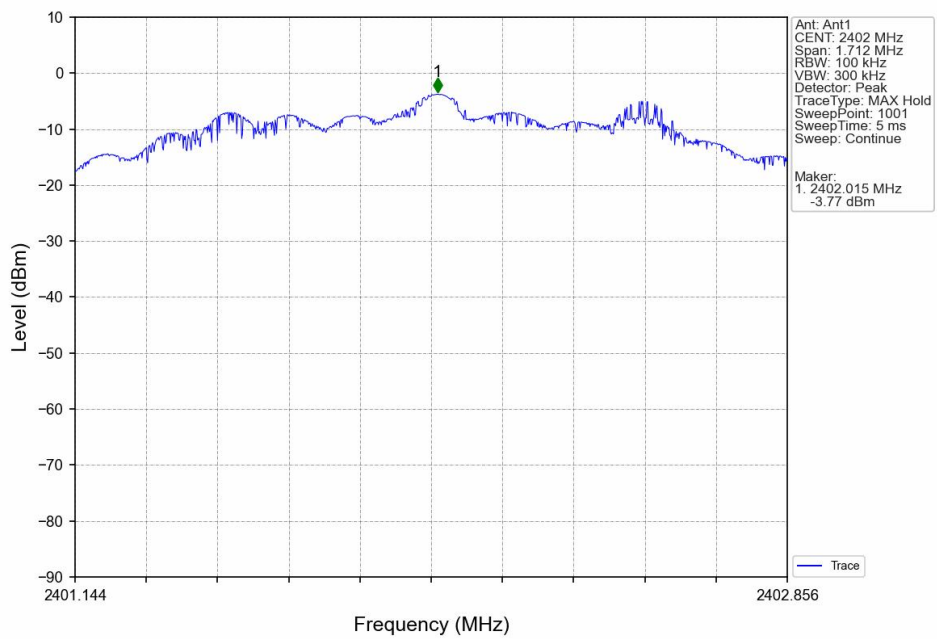
## 5.2.1 Ref



1M\_HCH\_2480MHz\_Ant1\_NTNV

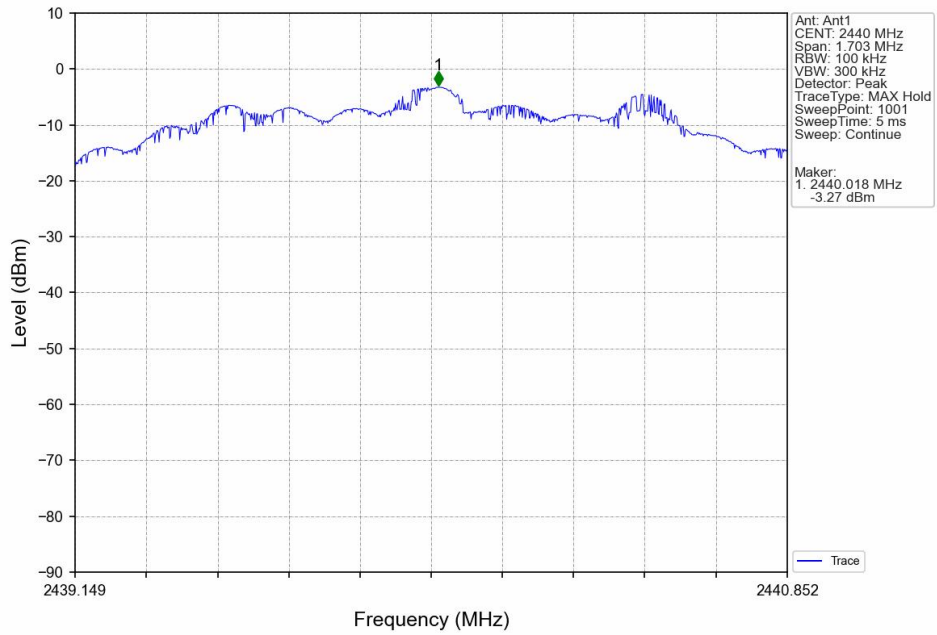


2M\_LCH\_2402MHz\_Ant1\_NTNV

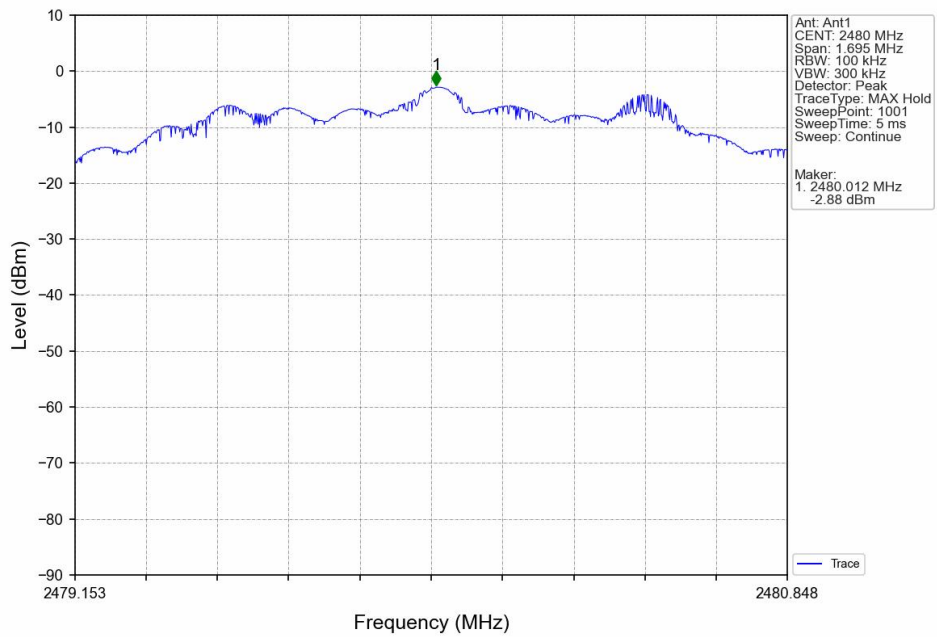




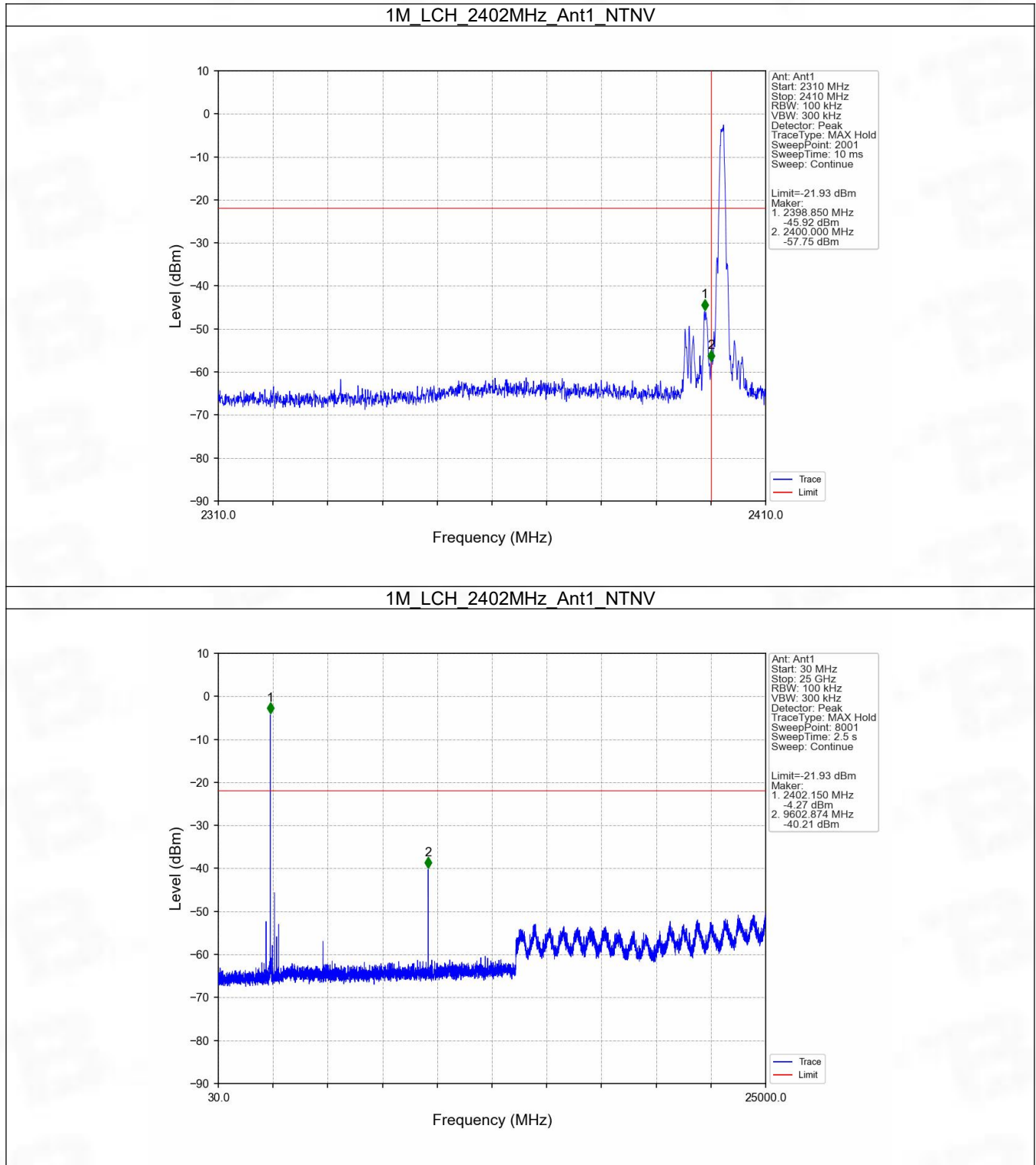
2M\_MCH\_2440MHz\_Ant1\_NTNV



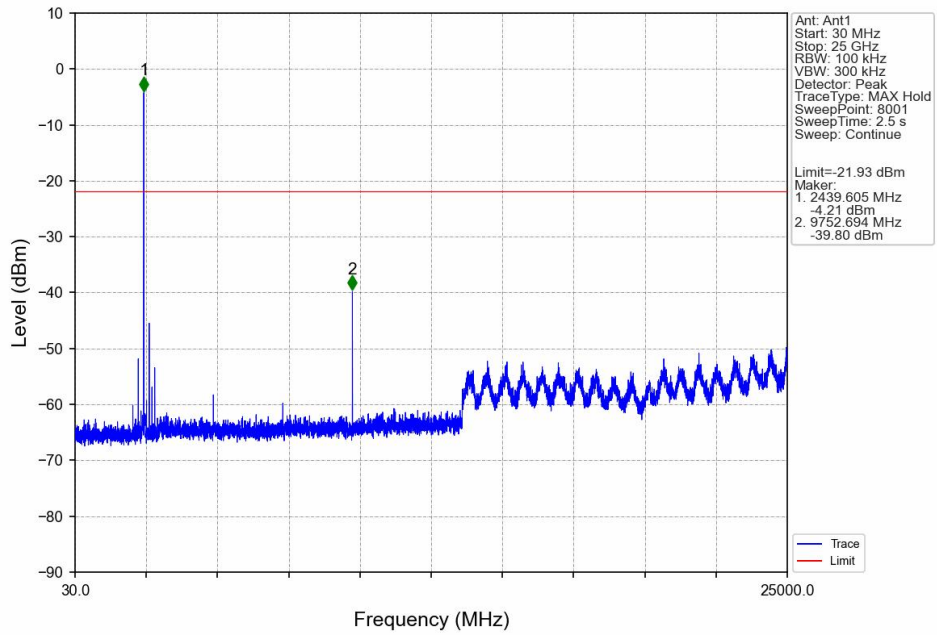
2M\_HCH\_2480MHz\_Ant1\_NTNV



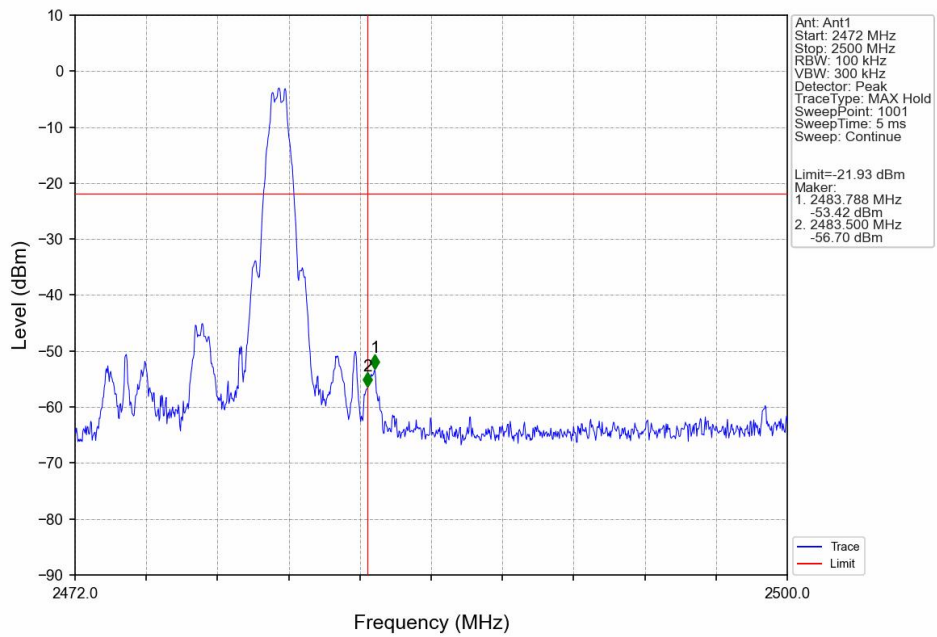
## 5.2.2 CSE



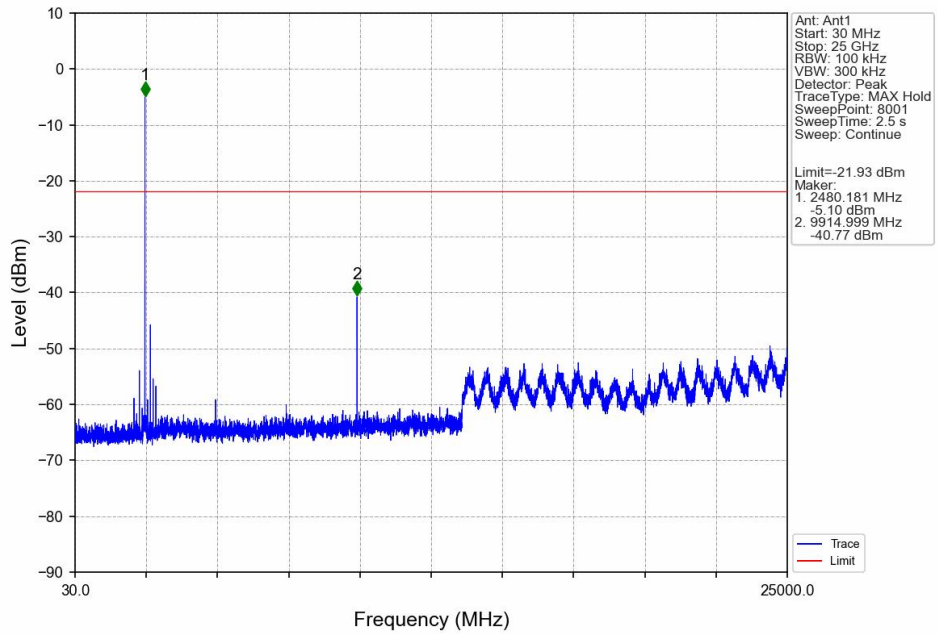
1M\_MCH\_2440MHz\_Ant1\_NTNV



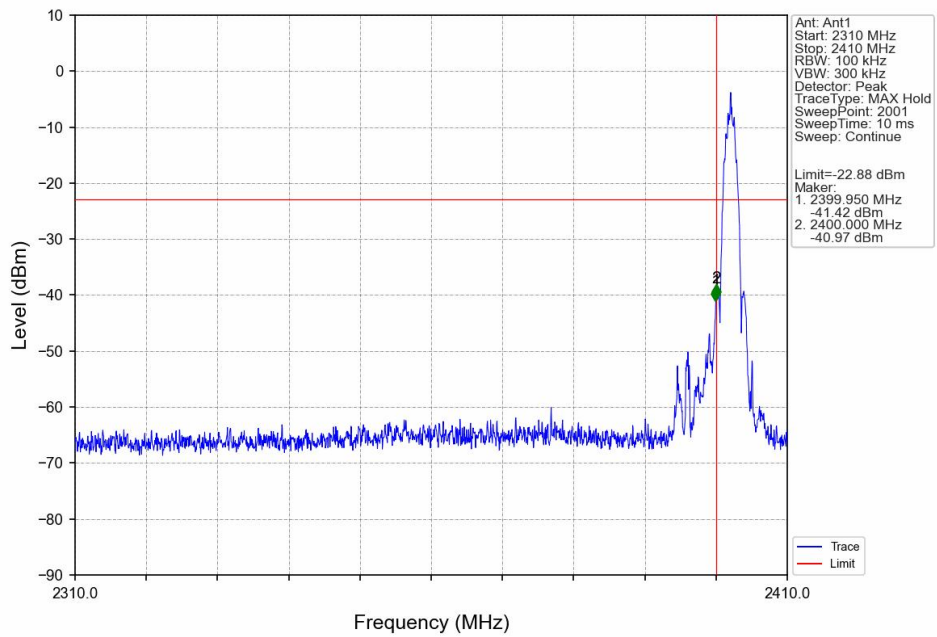
1M\_HCH\_2480MHz\_Ant1\_NTNV



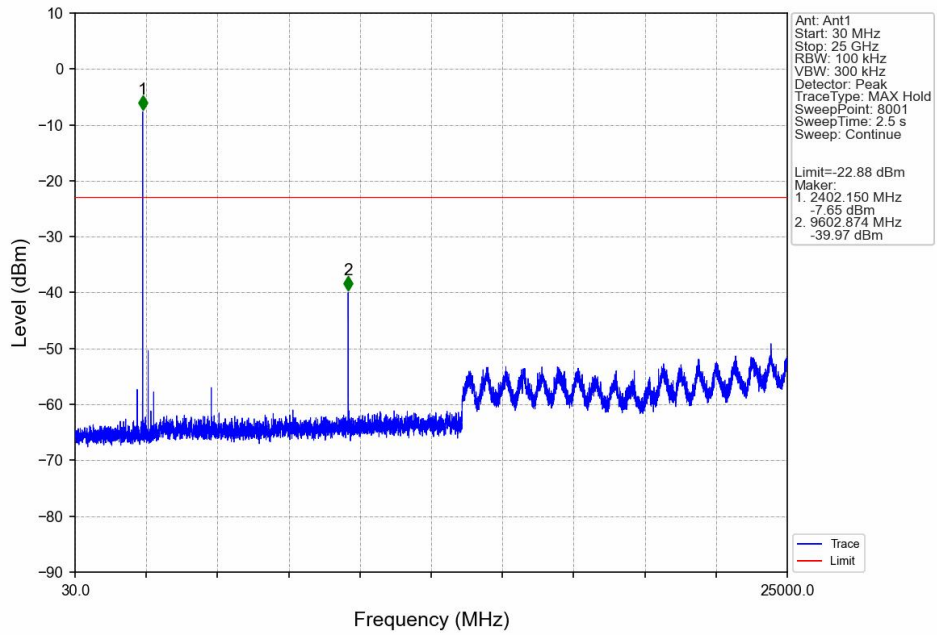
1M\_HCH\_2480MHz\_Ant1\_NTNV



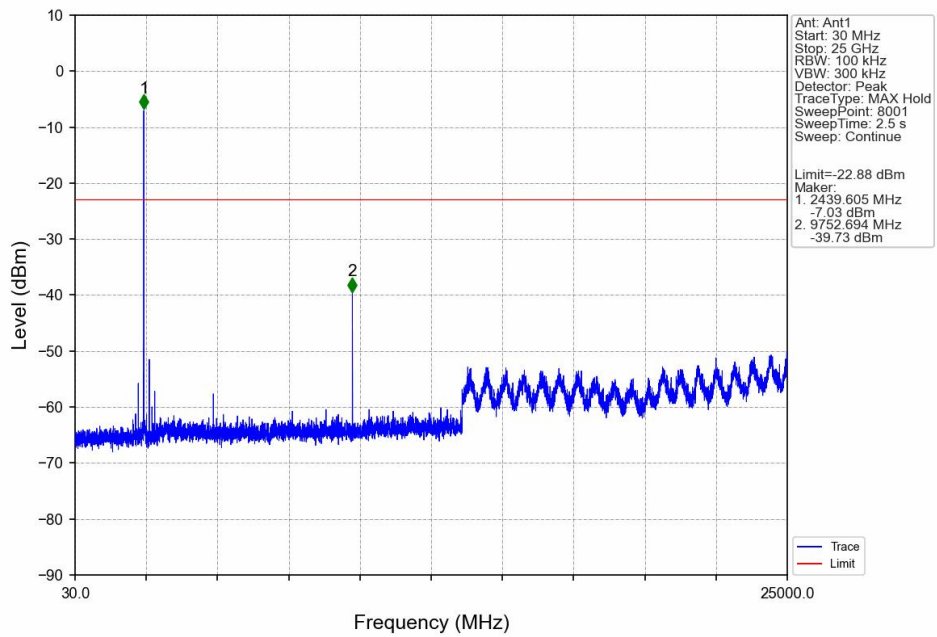
2M\_LCH\_2402MHz\_Ant1\_NTNV



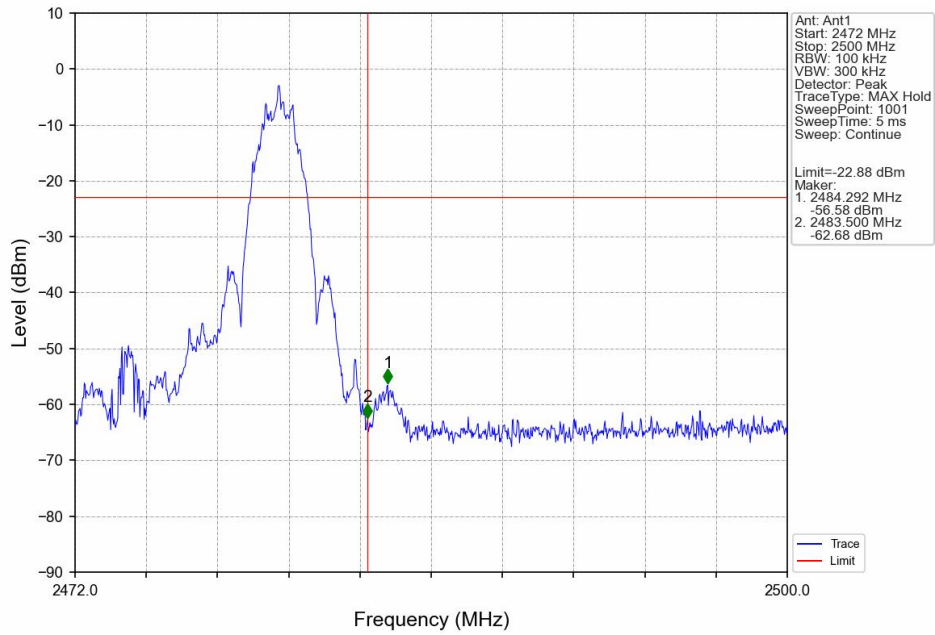
2M LCH\_2402MHz\_Ant1\_NTNV



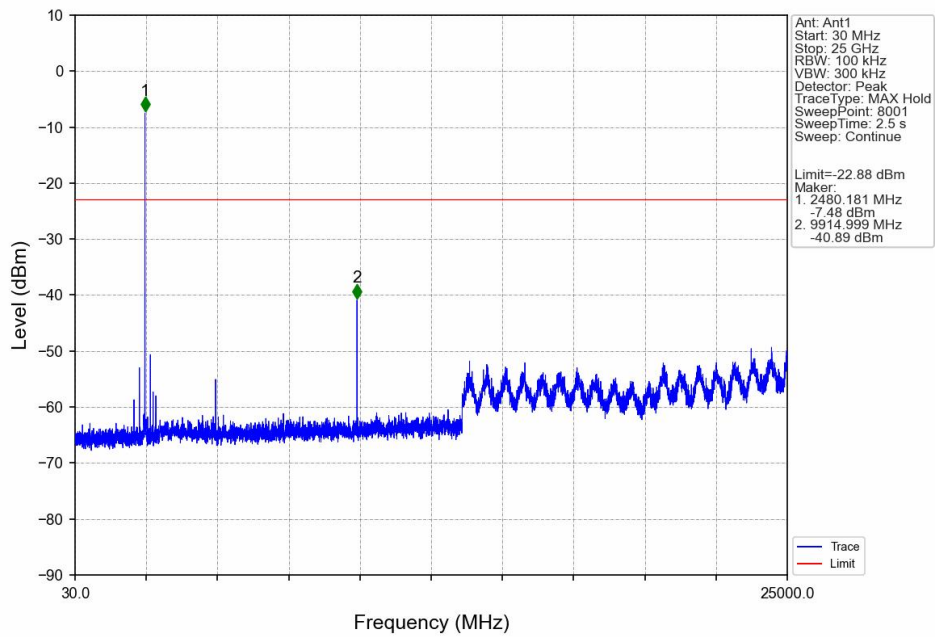
2M MCH\_2440MHz\_Ant1\_NTNV



2M\_HCH\_2480MHz\_Ant1\_NTNV



2M\_HCH\_2480MHz\_Ant1\_NTNV



## 6. Form731

### 6.1 Test Result

#### 6.1.1 Form731

Lower Freq (MHz)	High Freq (MHz)	MAX Power (W)	MAX Power (dBm)
2402	2480	0.0006	-2.15