

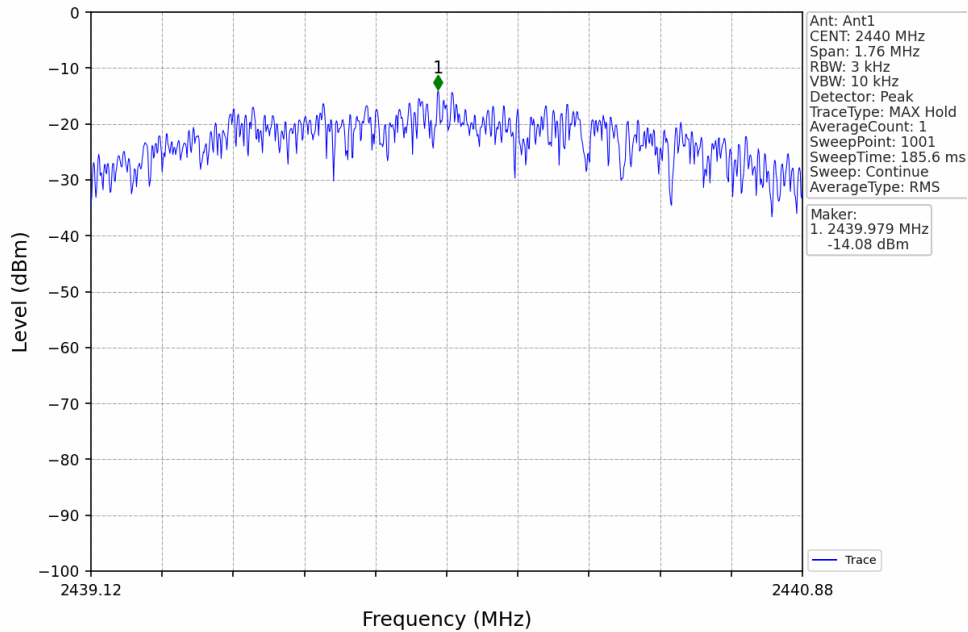
## Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

SZCCS-TRF-01 Rev. A/0 Aug01,2022

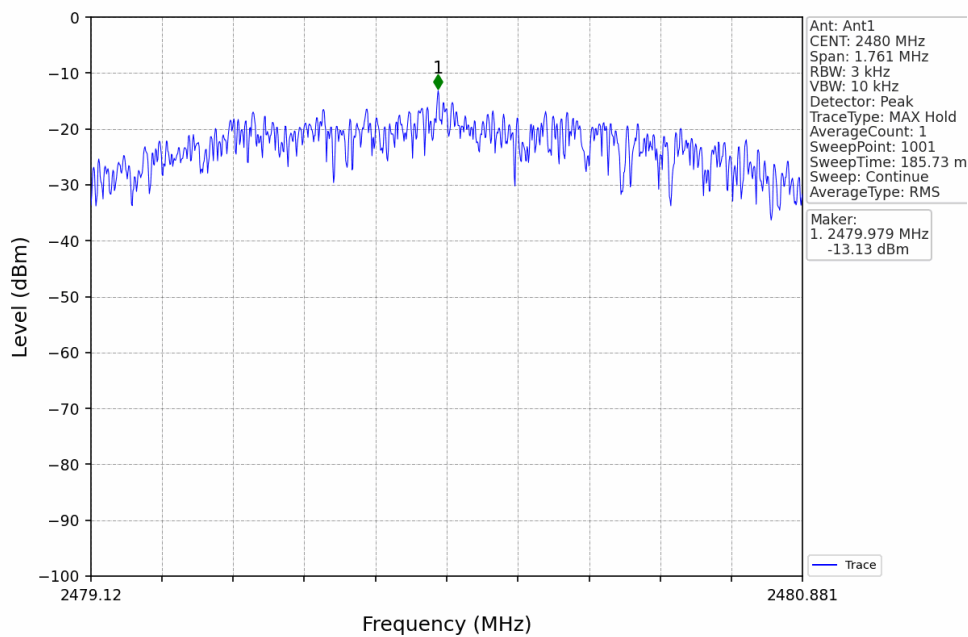
Report No.: FYCR221000043203

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2M\_MCH\_2440MHz\_Ant1\_NTNV



2M\_HCH\_2480MHz\_Ant1\_NTNV



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### 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	3.37
		2440	1	3.61
		2480	1	3.48
2M	SISO	2402	1	3.22
		2440	1	3.39
		2480	1	3.28



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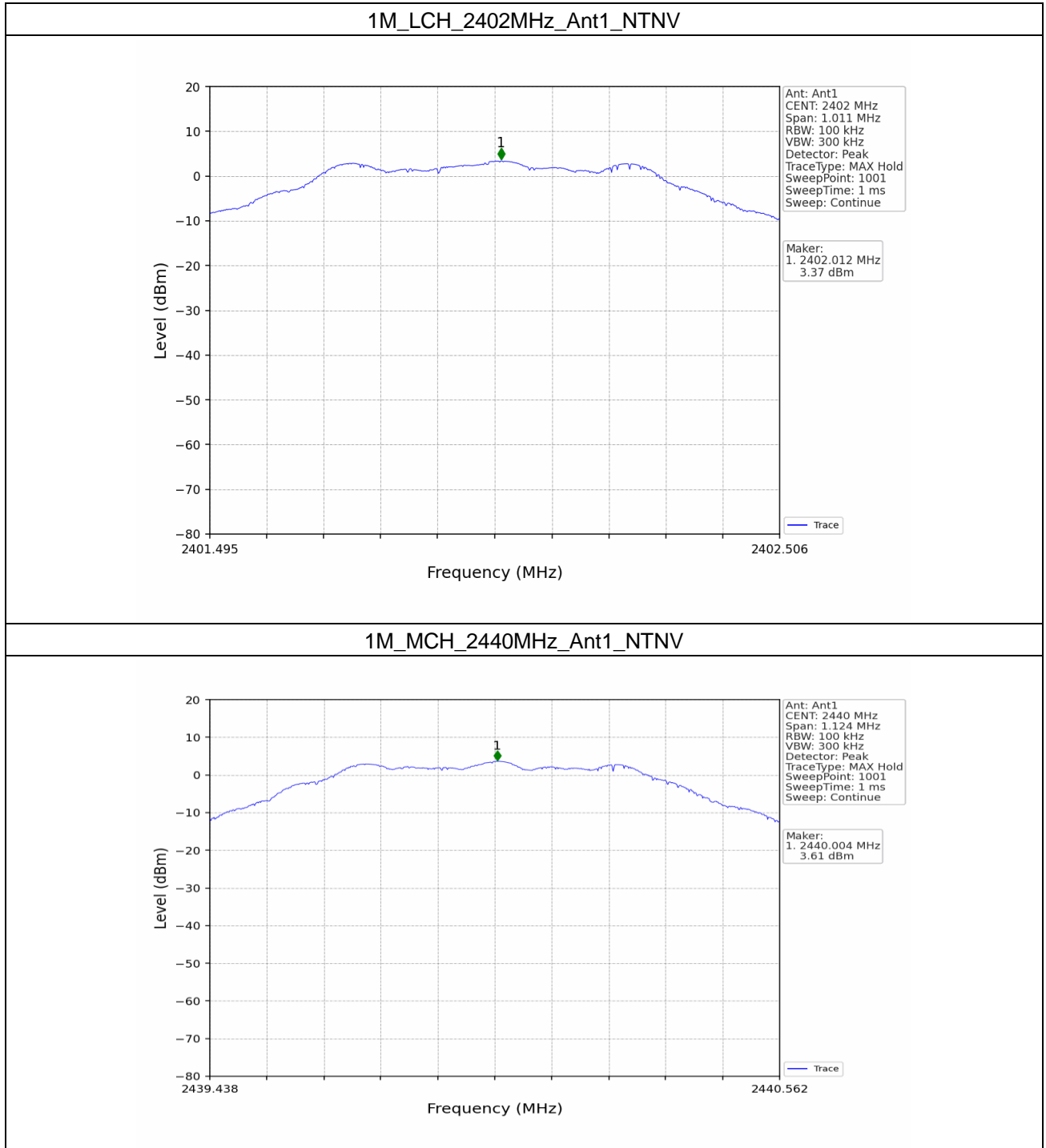
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### 5.1.2 Test Graph



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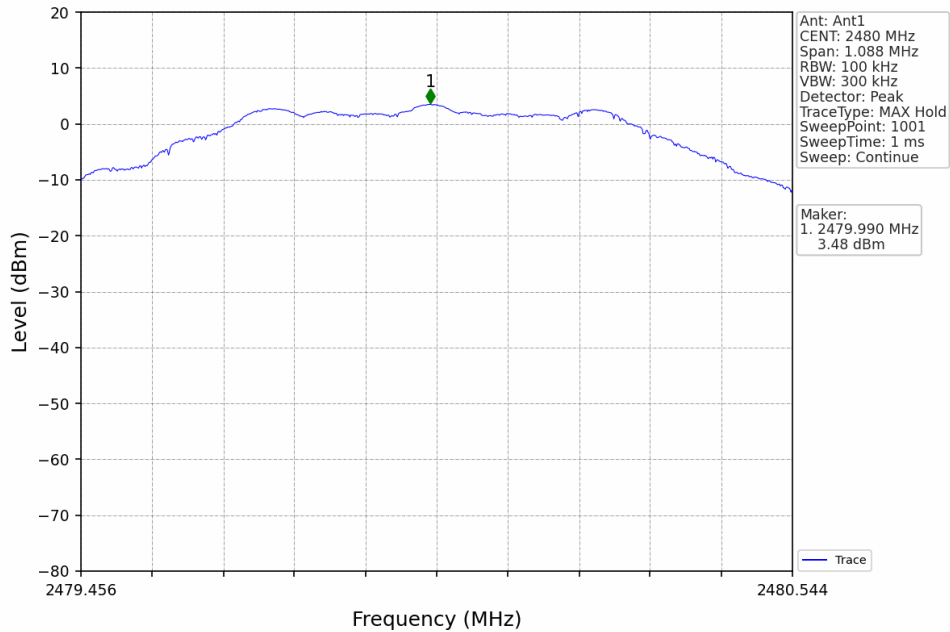
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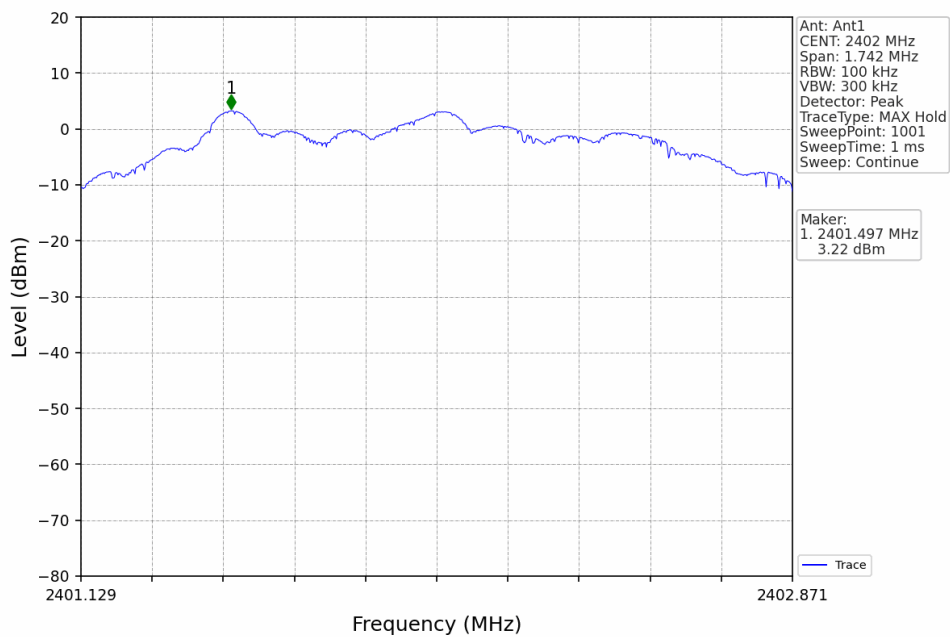
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1M\_HCH\_2480MHz\_Ant1\_NTNV



2M\_LCH\_2402MHz\_Ant1\_NTNV



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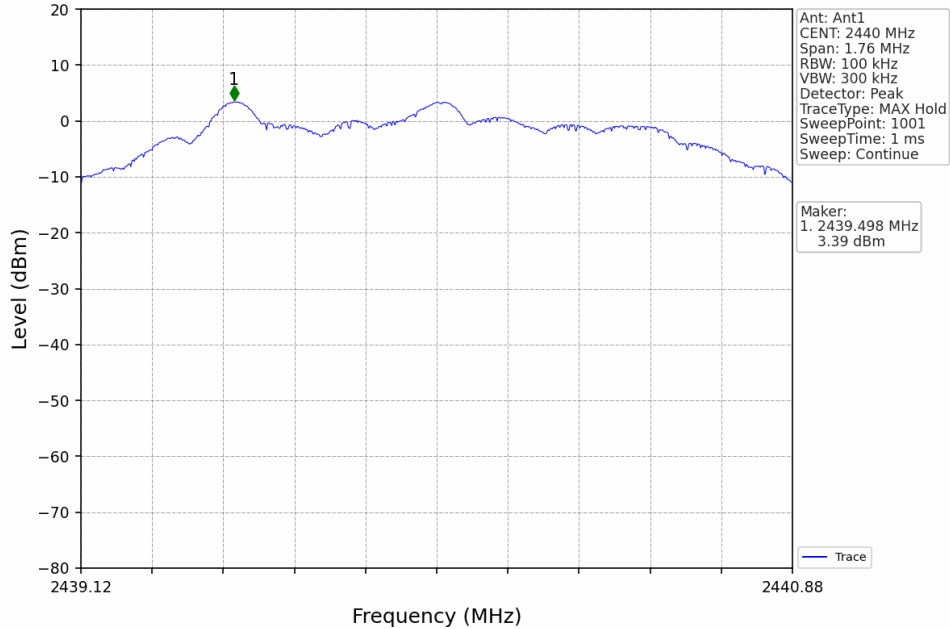
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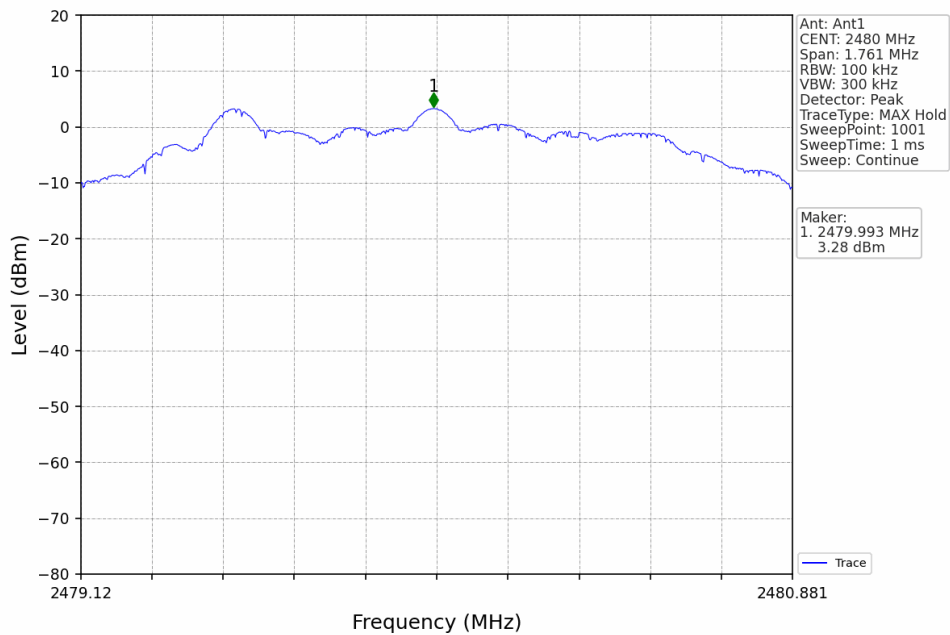
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2M\_MCH\_2440MHz\_Ant1\_NTNV



2M\_HCH\_2480MHz\_Ant1\_NTNV



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### 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	3.61	-16.39	Pass
		2440	1	3.61	-16.39	Pass
		2480	1	3.61	-16.39	Pass
2M	SISO	2402	1	3.39	-16.61	Pass
		2440	1	3.39	-16.61	Pass
		2480	1	3.39	-16.61	Pass

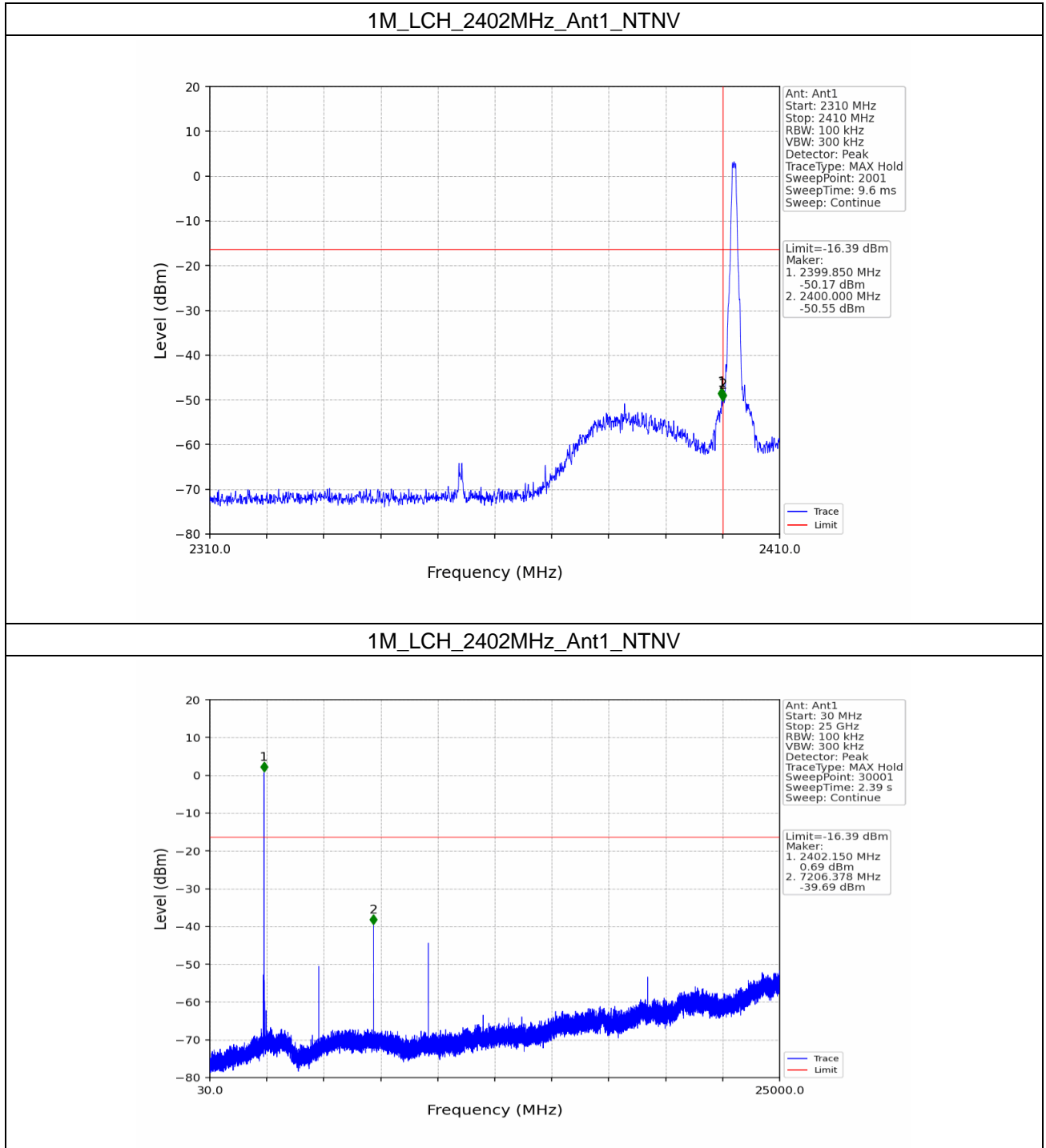


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### 5.2.2 Test Graph



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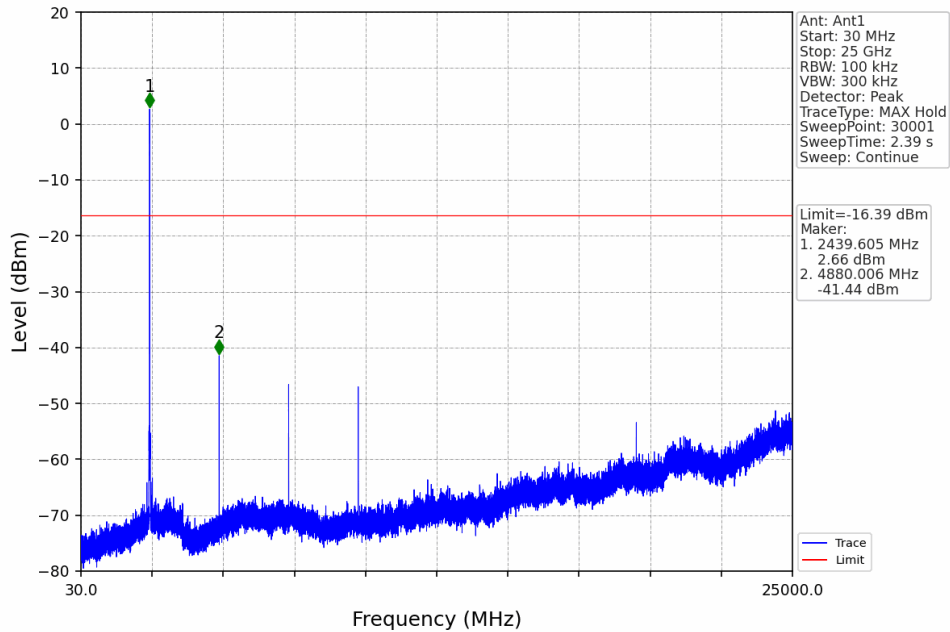
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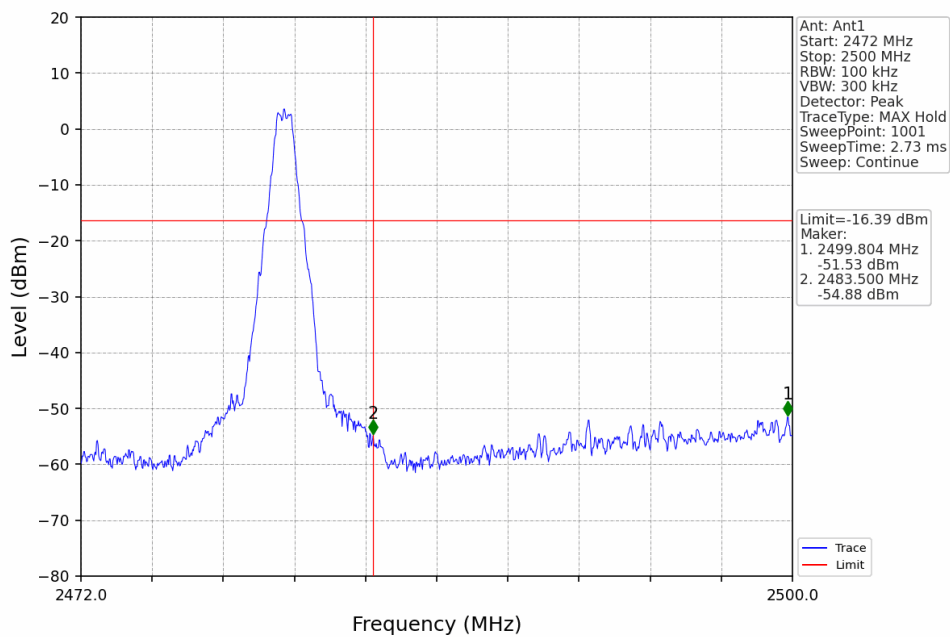
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1M\_MCH\_2440MHz\_Ant1\_NTNV



1M\_HCH\_2480MHz\_Ant1\_NTNV



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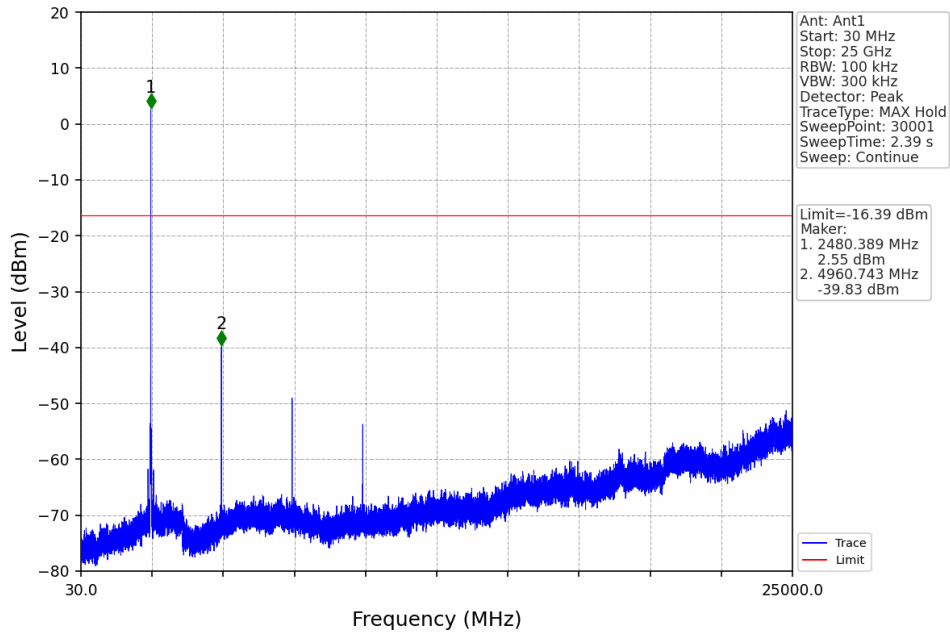
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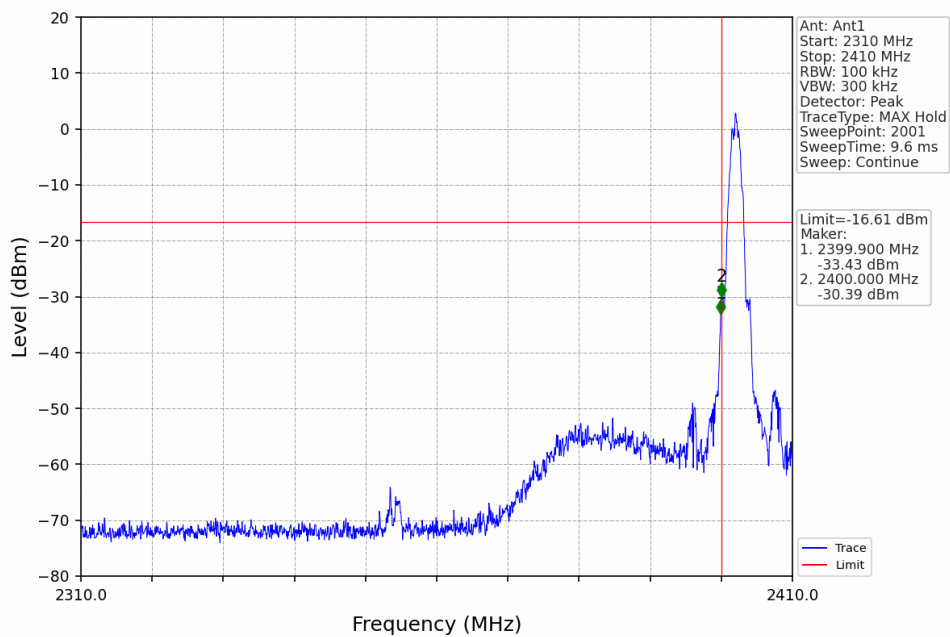
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### 1M\_HCH\_2480MHz\_Ant1\_NTNV



### 2M\_LCH\_2402MHz\_Ant1\_NTNV



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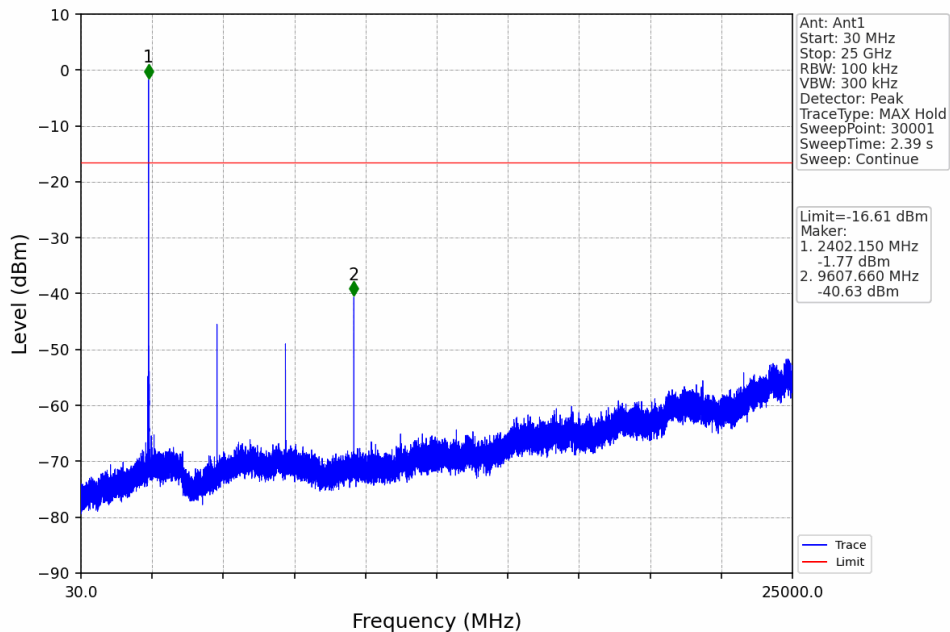
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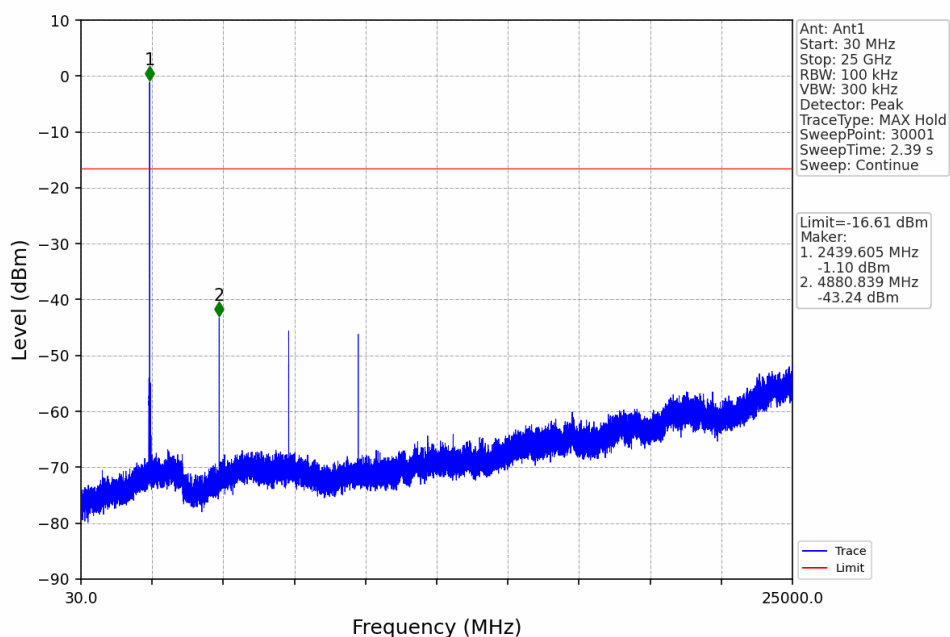
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### 2M\_LCH\_2402MHz\_Ant1\_NTNV



### 2M\_MCH\_2440MHz\_Ant1\_NTNV



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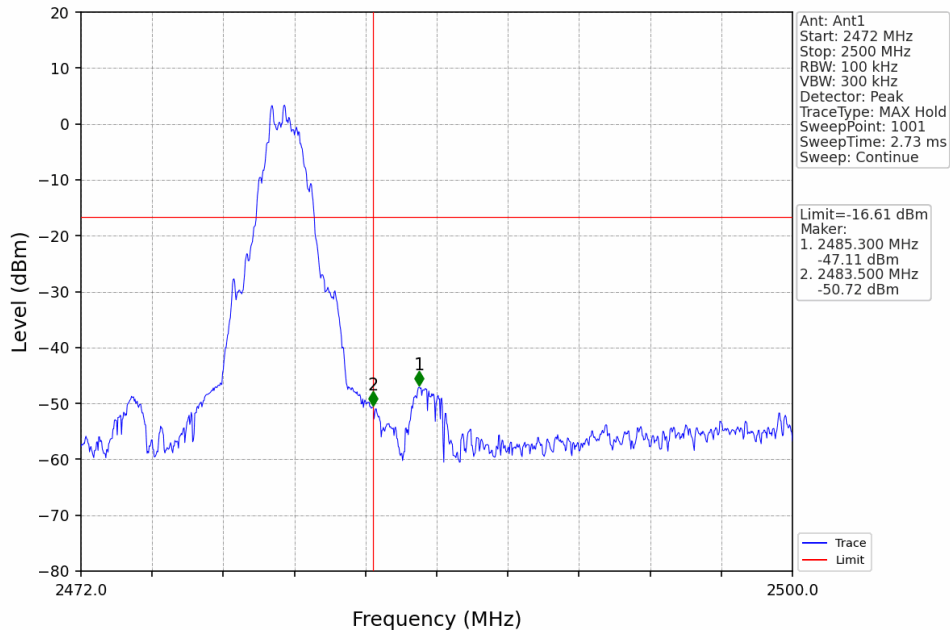
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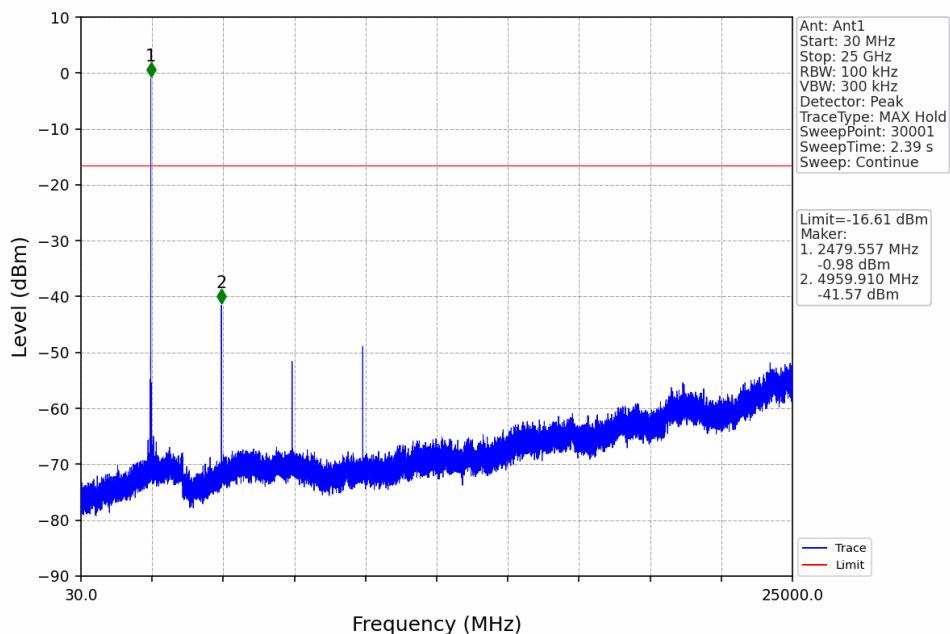
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## For left earbuds:

### 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	0.544	1.250	43.52	3.61	0.03
		2440	0.544	1.251	43.49	3.62	0.03
		2480	0.544	1.251	43.49	3.62	0.05
2M	SISO	2402	0.291	1.249	23.30	6.33	0.03
		2440	0.292	1.250	23.36	6.32	0.03
		2480	0.291	1.250	23.28	6.33	0.03



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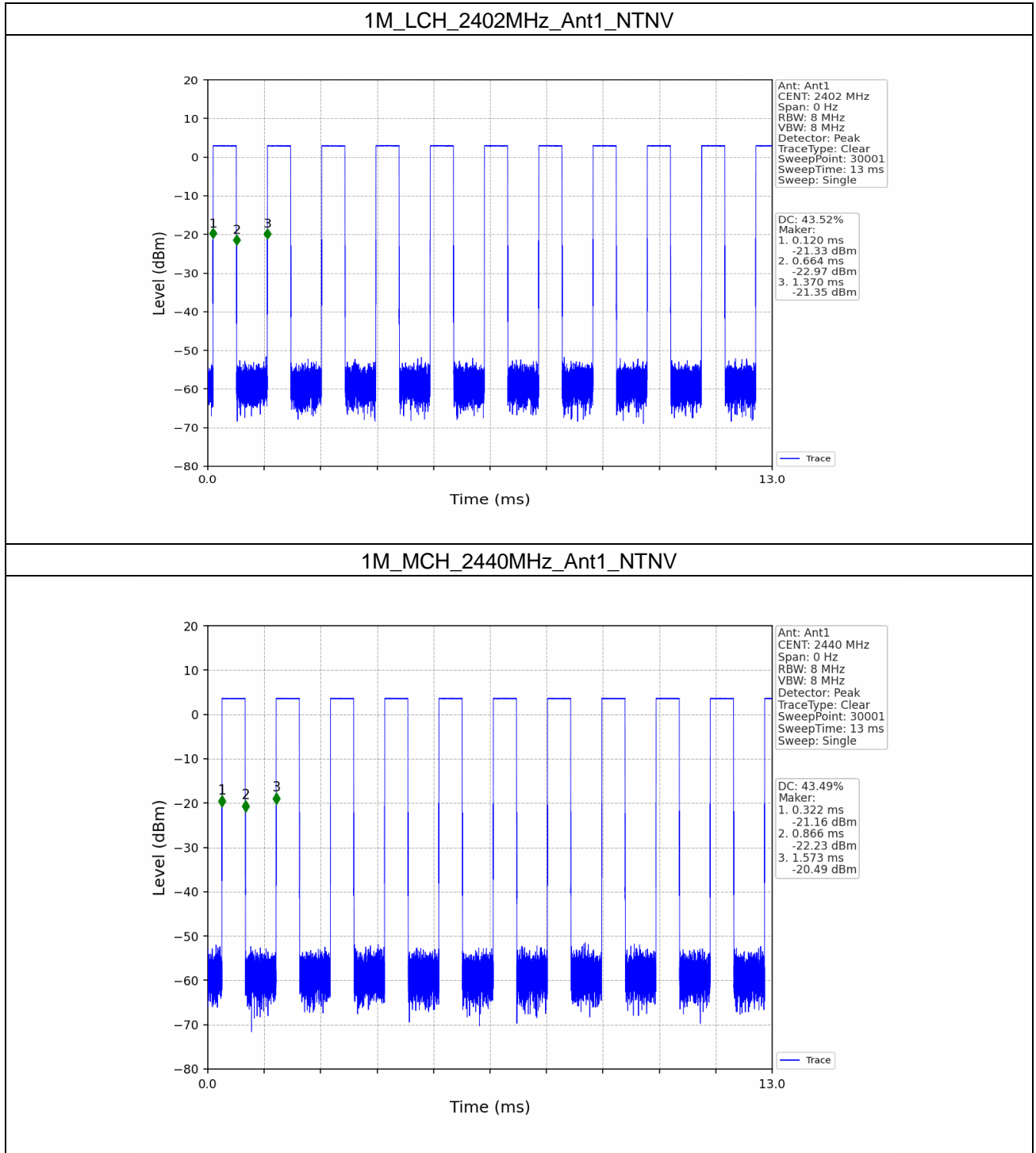
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### 1.1.2 Test Graph



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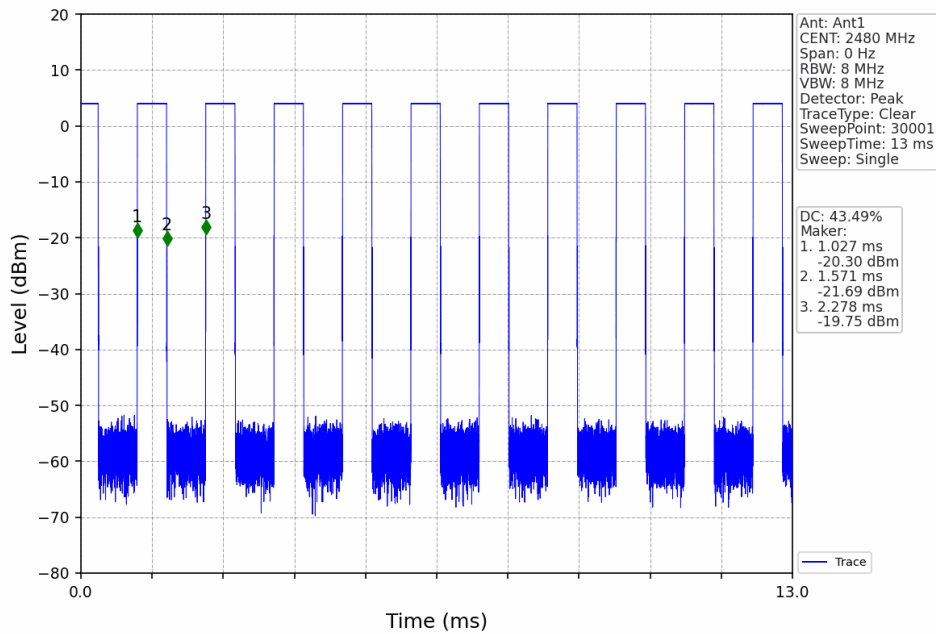
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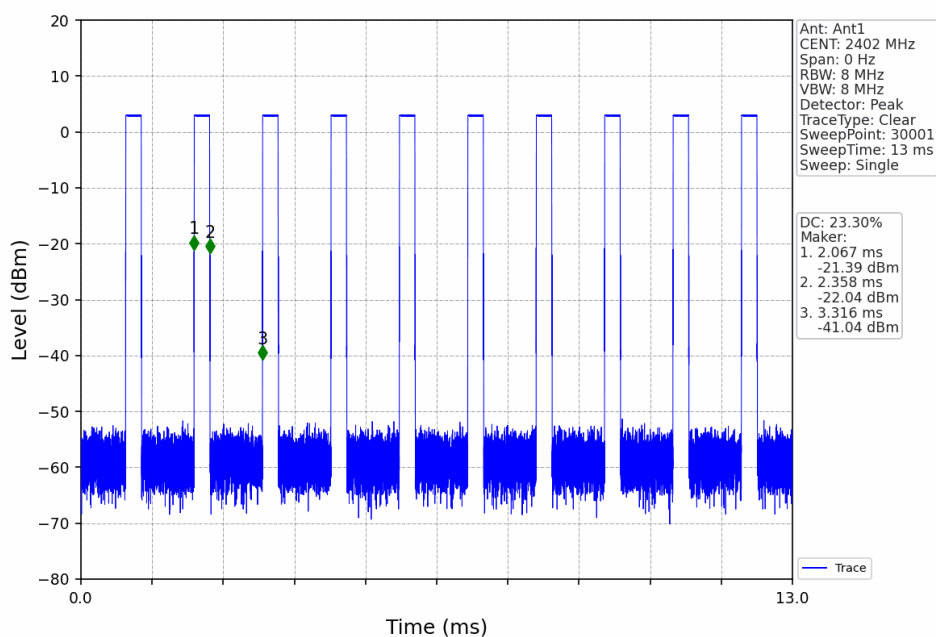
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1M\_HCH\_2480MHz\_Ant1\_NTNV



2M\_LCH\_2402MHz\_Ant1\_NTNV



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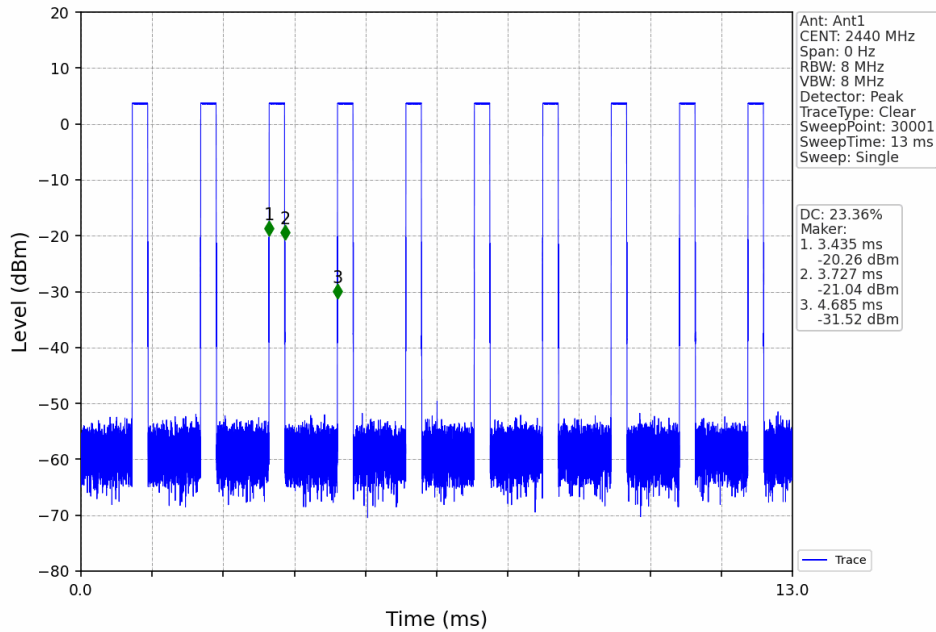
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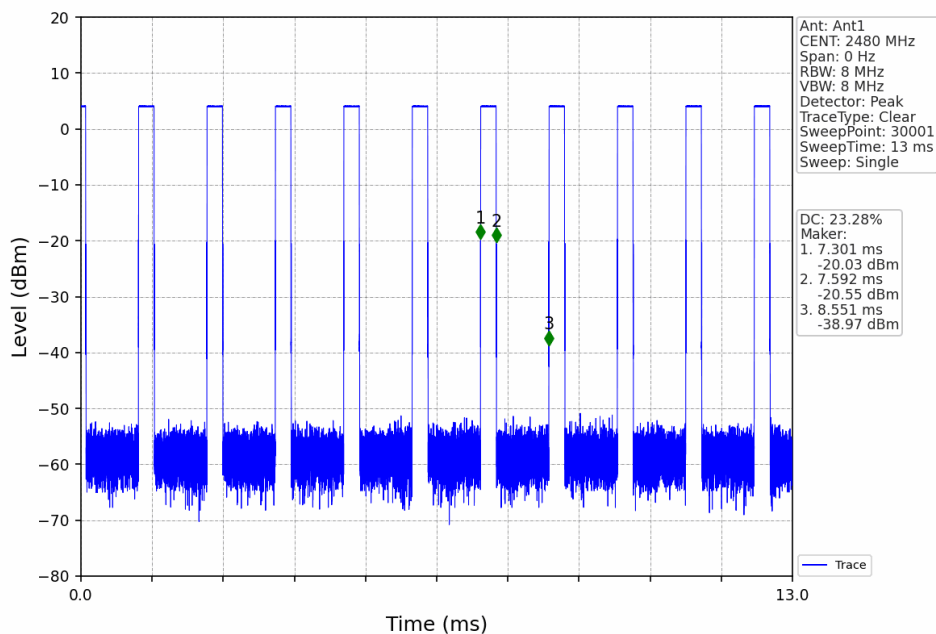
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2M\_MCH\_2440MHz\_Ant1\_NTNV



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### 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	1.031	Pass
		2440	1	1.030	Pass
		2480	1	1.030	Pass
2M	SISO	2402	1	2.041	Pass
		2440	1	2.039	Pass
		2480	1	2.037	Pass



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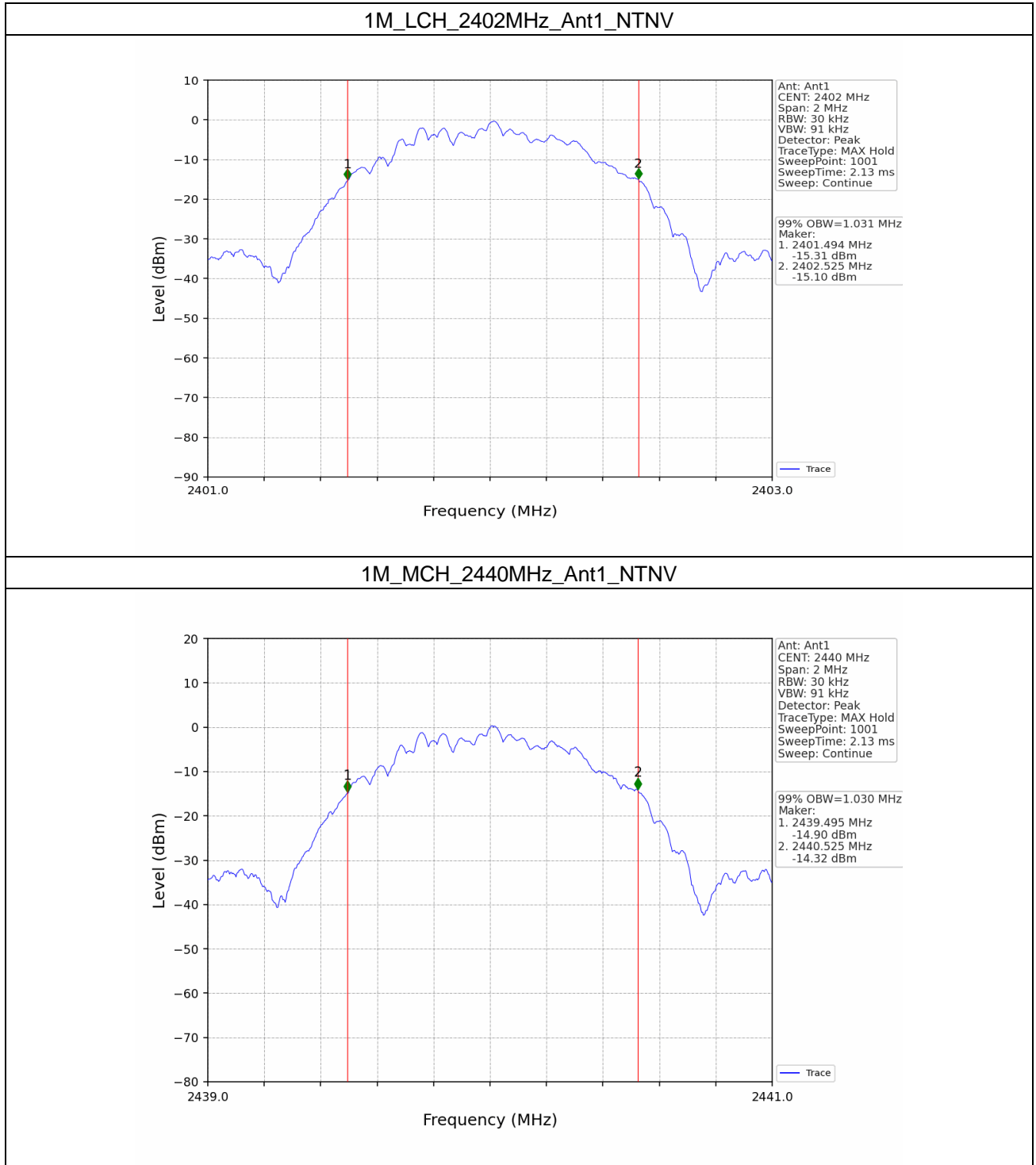
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### 2.1.2 Test Graph



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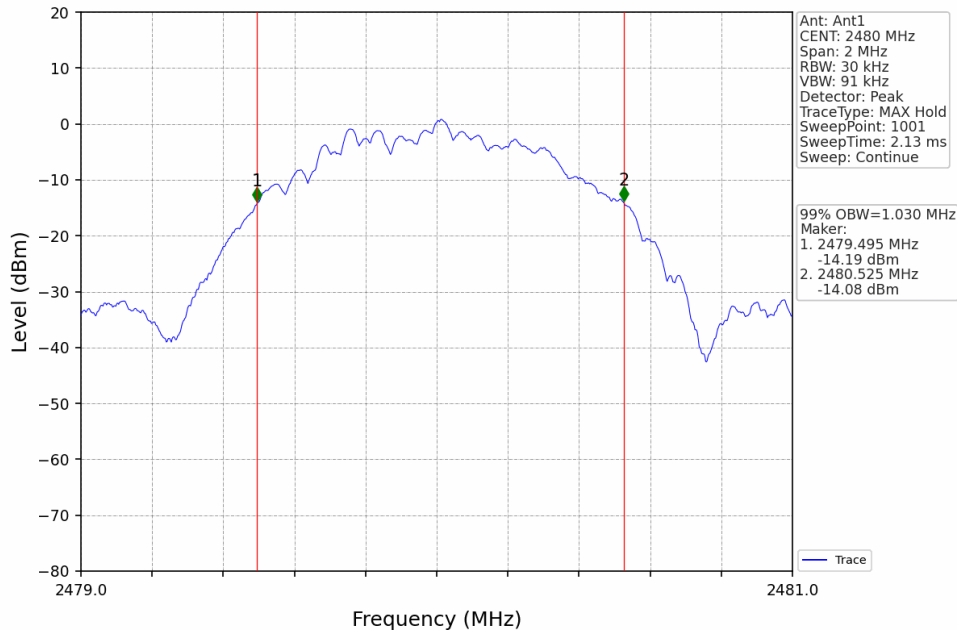
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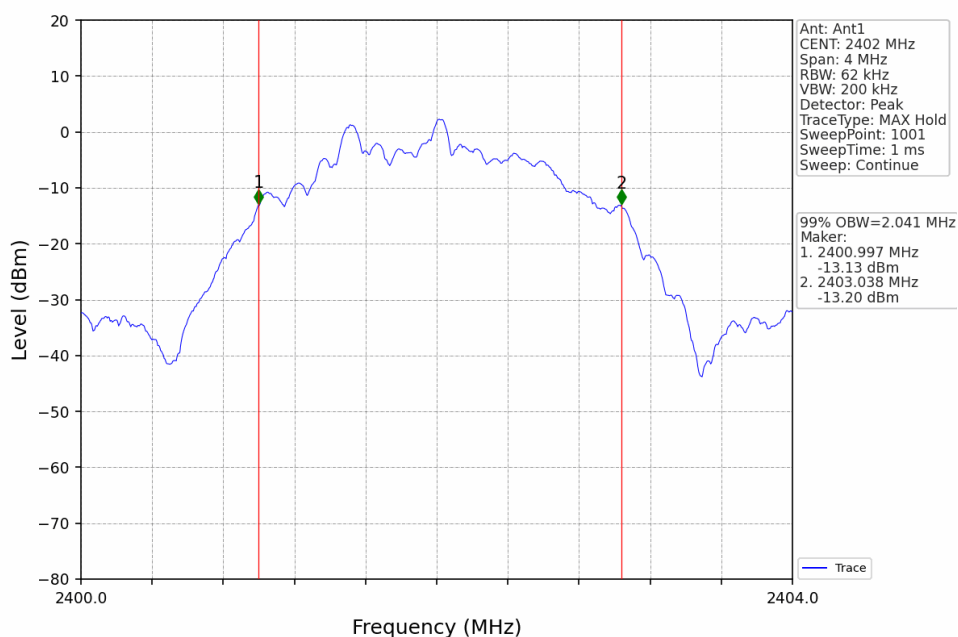
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1M\_HCH\_2480MHz\_Ant1\_NTNV



2M\_LCH\_2402MHz\_Ant1\_NTNV



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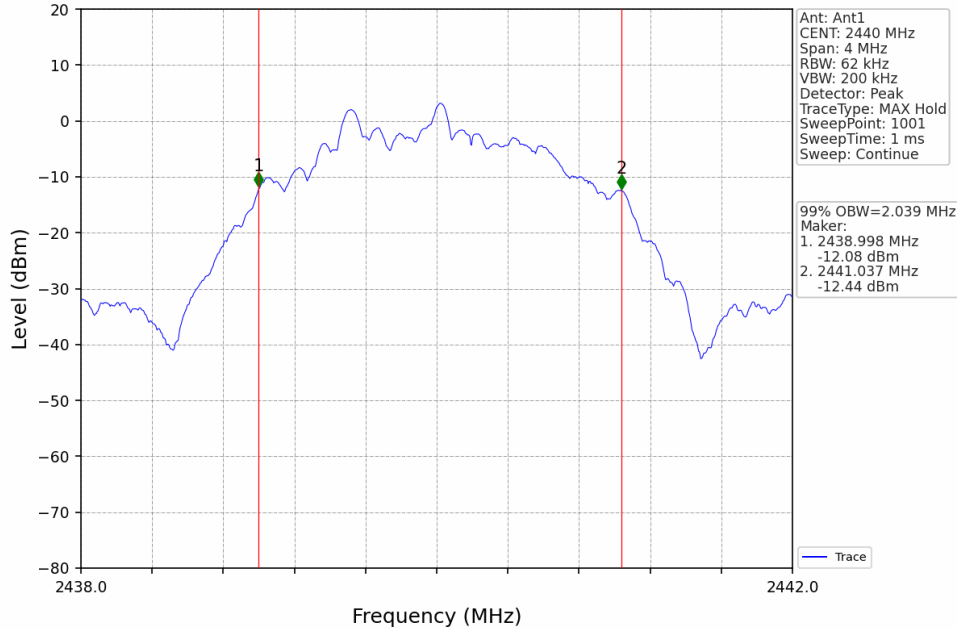
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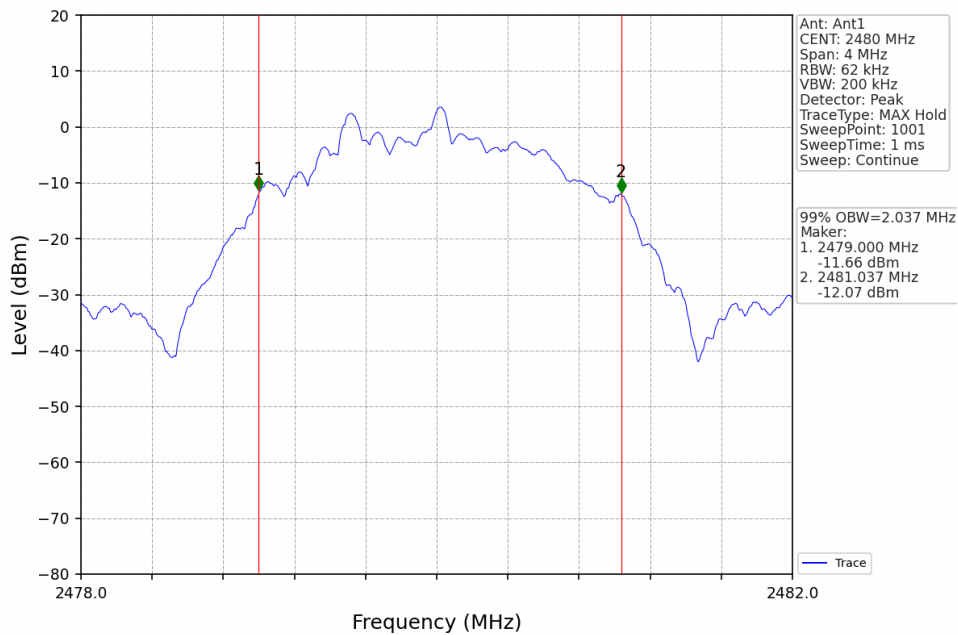
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### 2.2 6dB BW

#### 2.2.1 Test Result

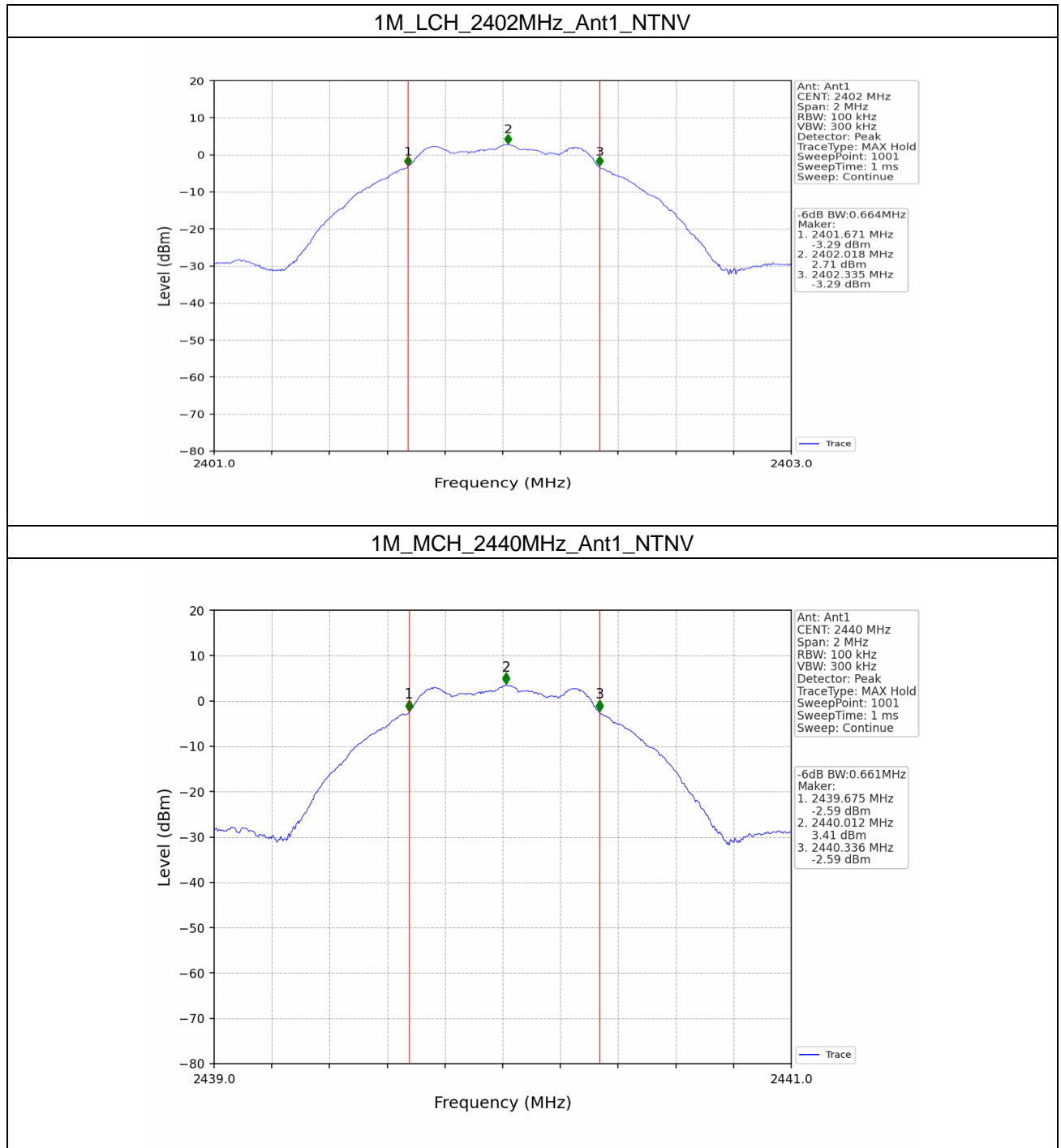
Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
1M	SISO	2402	1	0.664	$\geq 0.5$	Pass
		2440	1	0.661	$\geq 0.5$	Pass
		2480	1	0.659	$\geq 0.5$	Pass
2M	SISO	2402	1	1.154	$\geq 0.5$	Pass
		2440	1	1.156	$\geq 0.5$	Pass
		2480	1	1.157	$\geq 0.5$	Pass



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### 2.2.2 Test Graph



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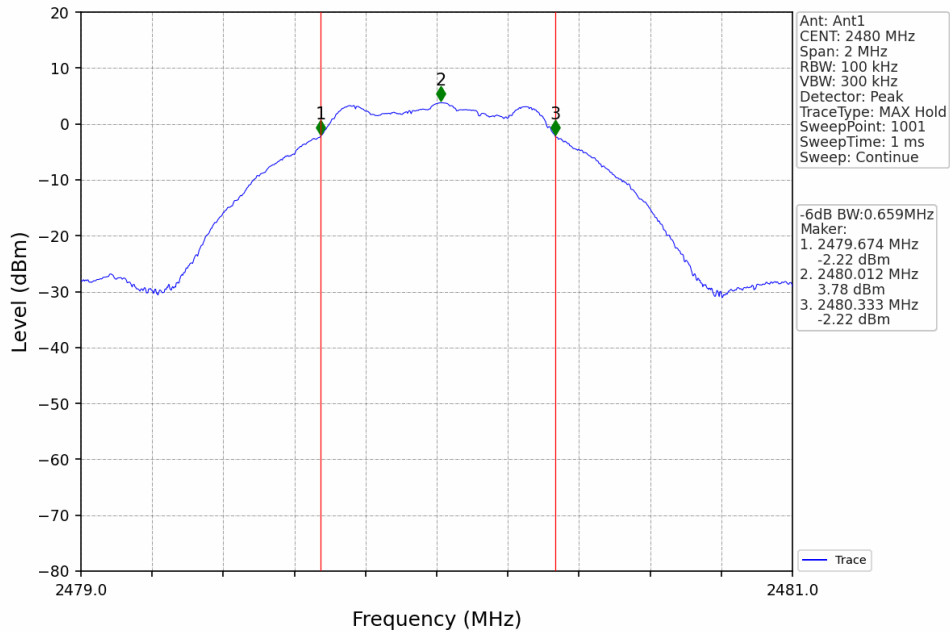
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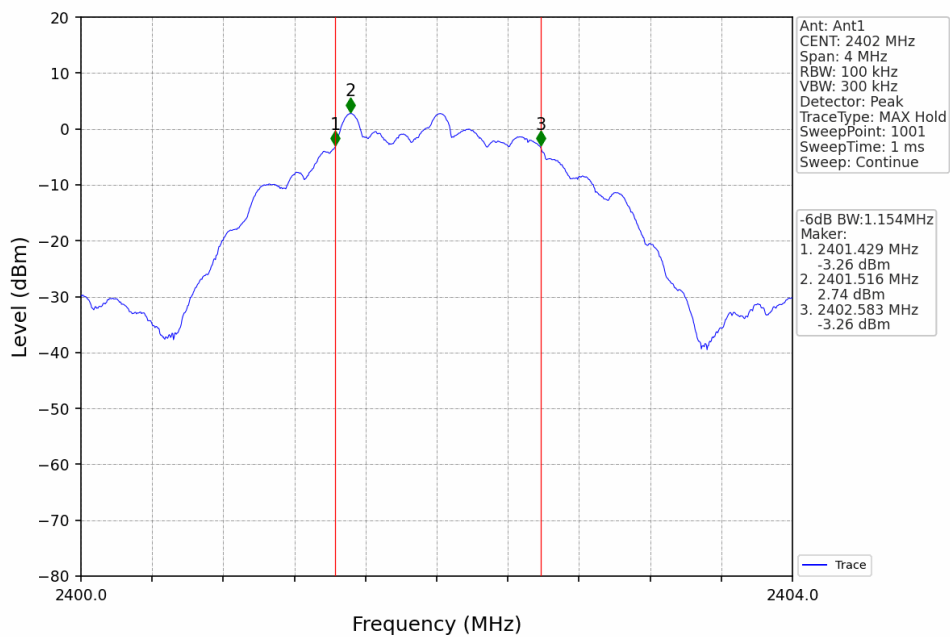
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2M\_LCH\_2402MHz\_Ant1\_NTNV



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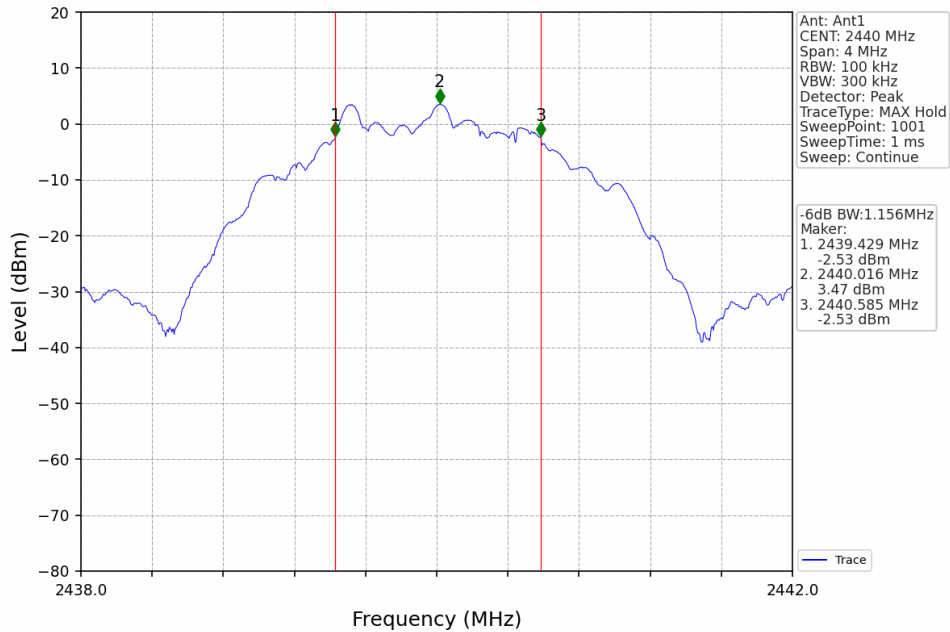
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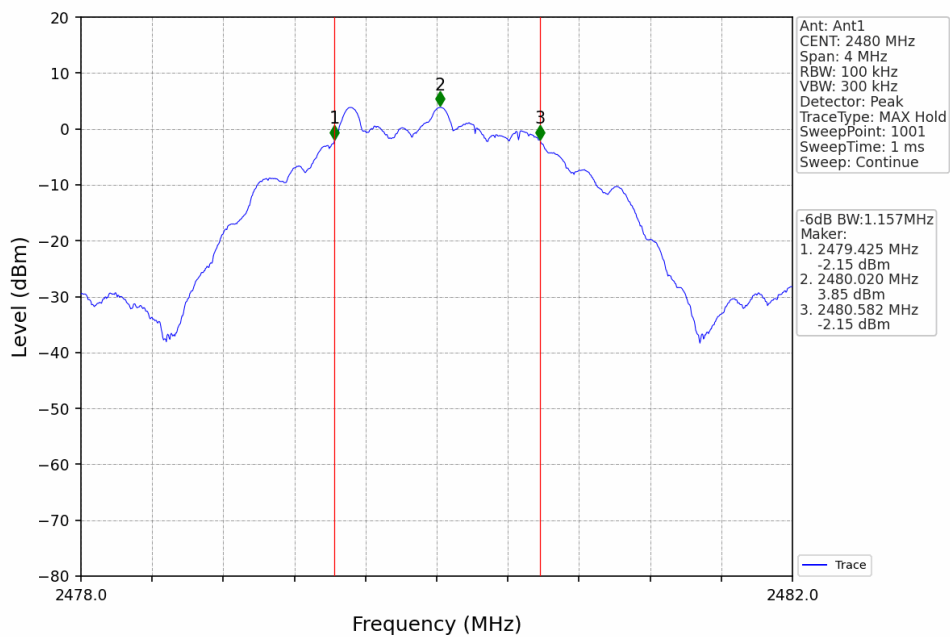
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## 3. Maximum Conducted Output Power

### 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	2.98	<=30	Pass
		2440	3.66	<=30	Pass
		2480	4.03	<=30	Pass
2M	SISO	2402	3.10	<=30	Pass
		2440	3.80	<=30	Pass
		2480	4.17	<=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	-12.95	<=8	Pass
		2440	-12.37	<=8	Pass
		2480	-11.95	<=8	Pass
2M	SISO	2402	-15.20	<=8	Pass
		2440	-14.37	<=8	Pass
		2480	-13.94	<=8	Pass



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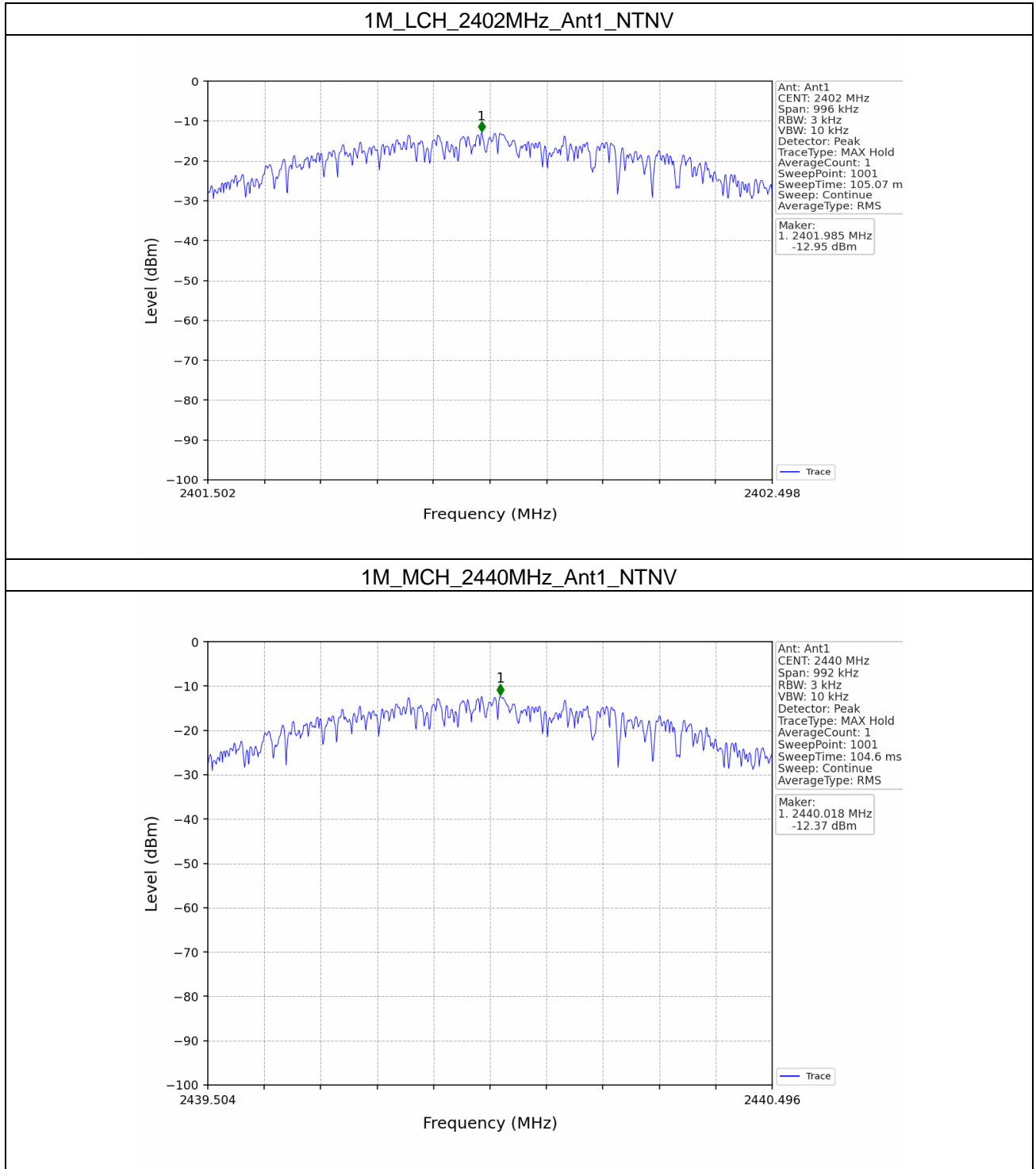
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### 4.1.2 Test Graph



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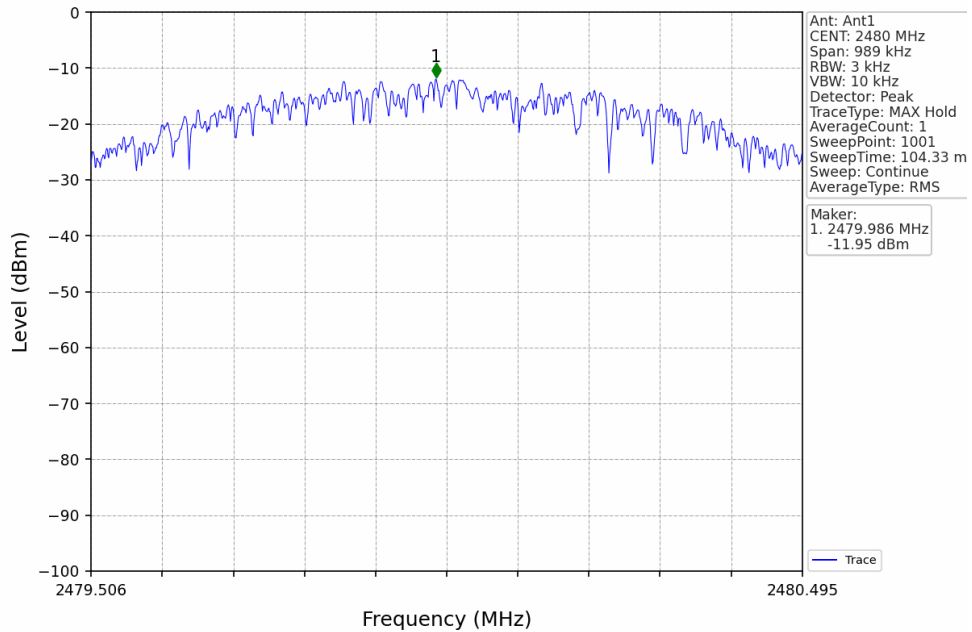
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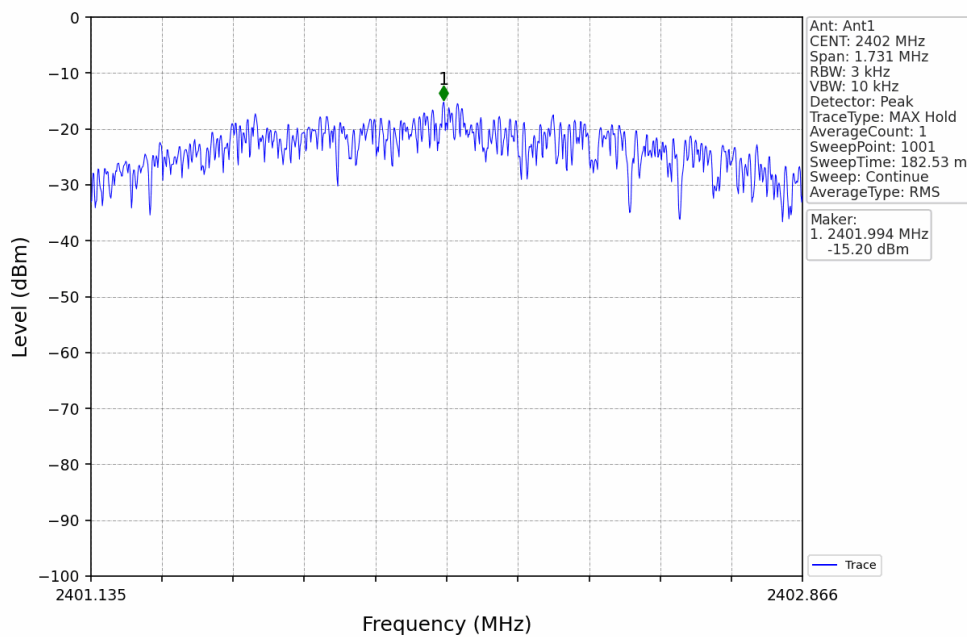
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1M\_HCH\_2480MHz\_Ant1\_NTNV



2M\_LCH\_2402MHz\_Ant1\_NTNV



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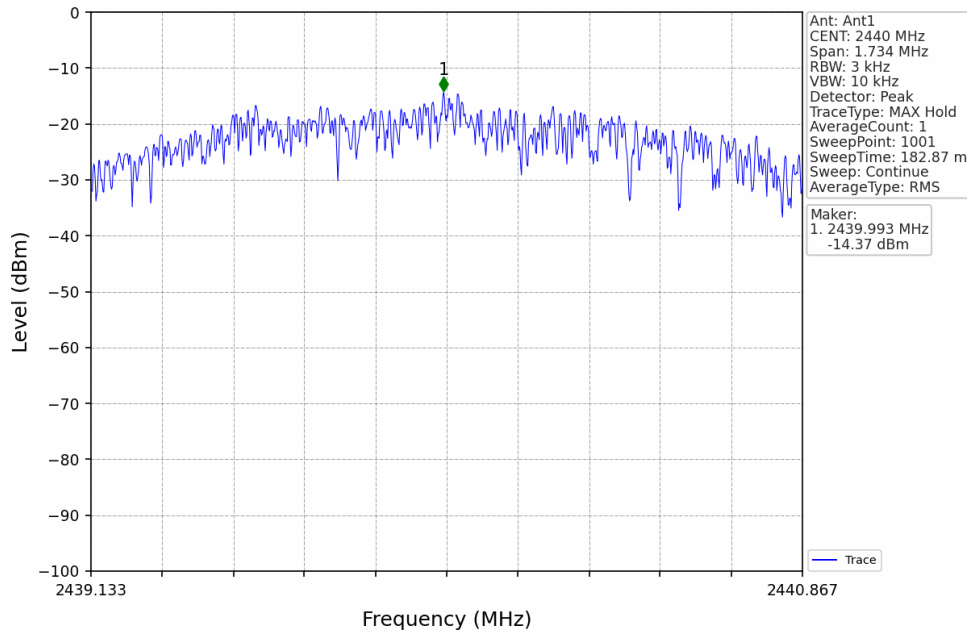
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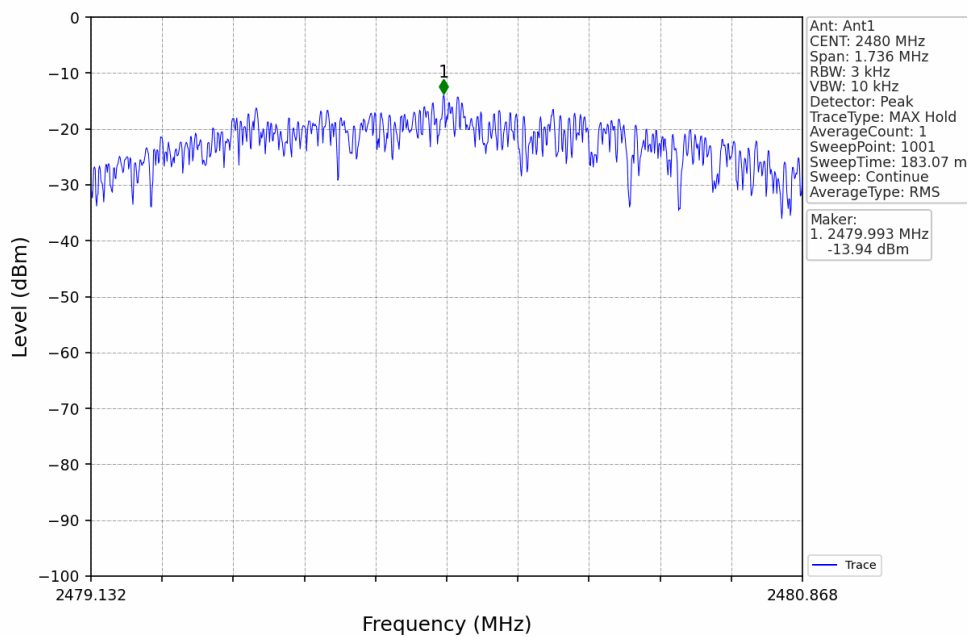
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2M\_MCH\_2440MHz\_Ant1\_NTNV



2M\_HCH\_2480MHz\_Ant1\_NTNV



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### 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	2.70
		2440	1	3.39
		2480	1	3.77
2M	SISO	2402	1	2.73
		2440	1	3.44
		2480	1	3.81



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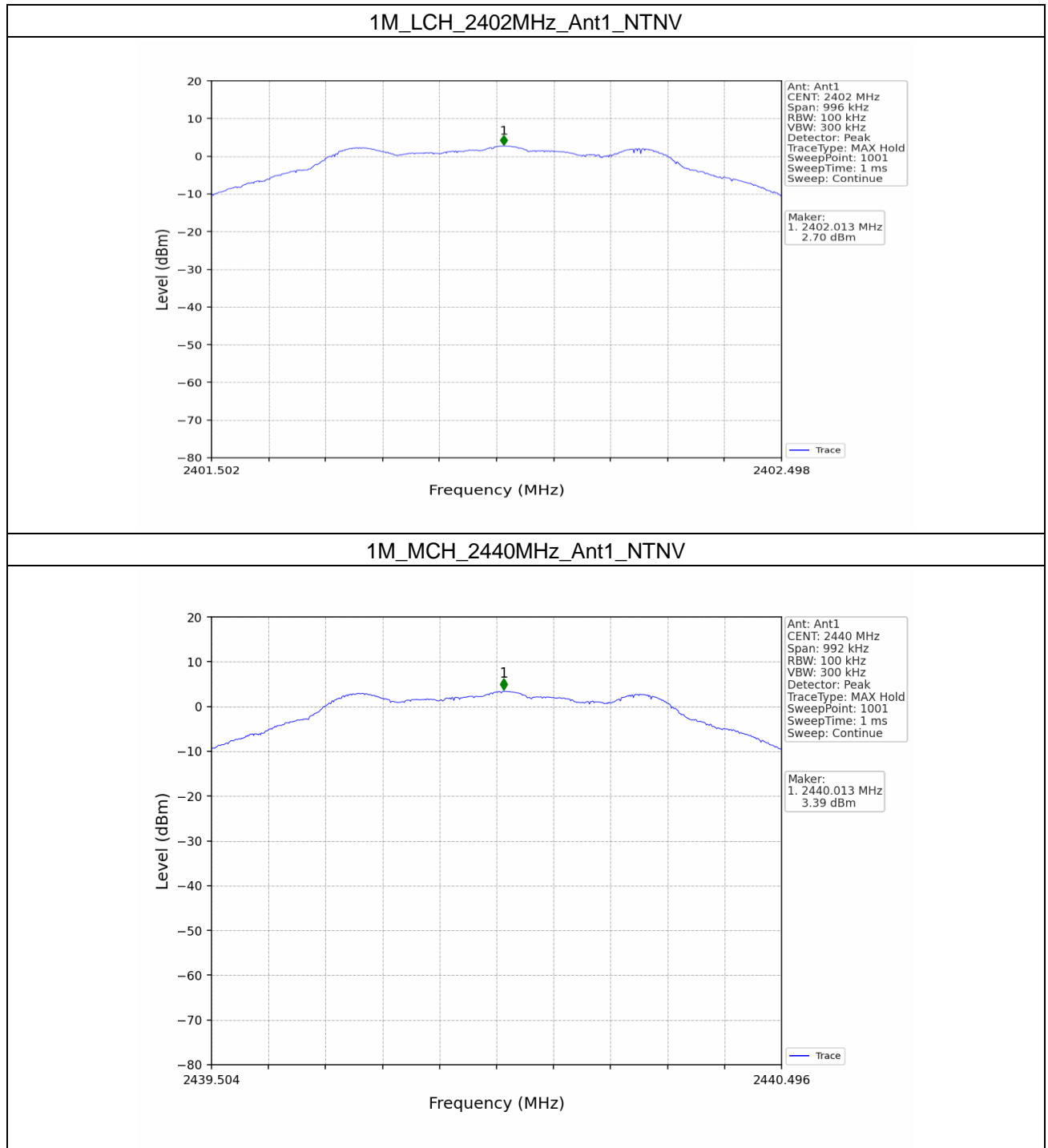
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### 5.1.2 Test Graph



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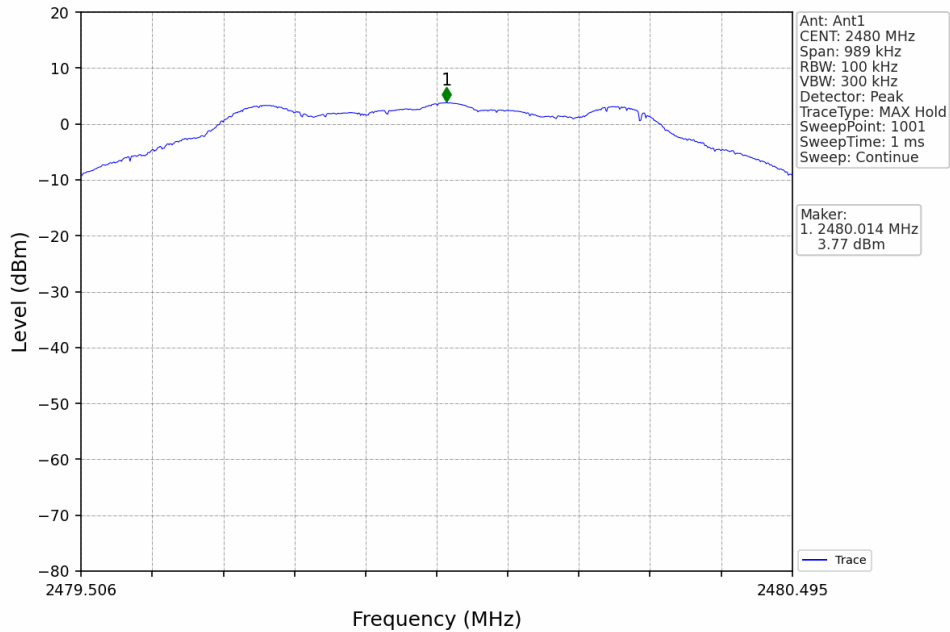
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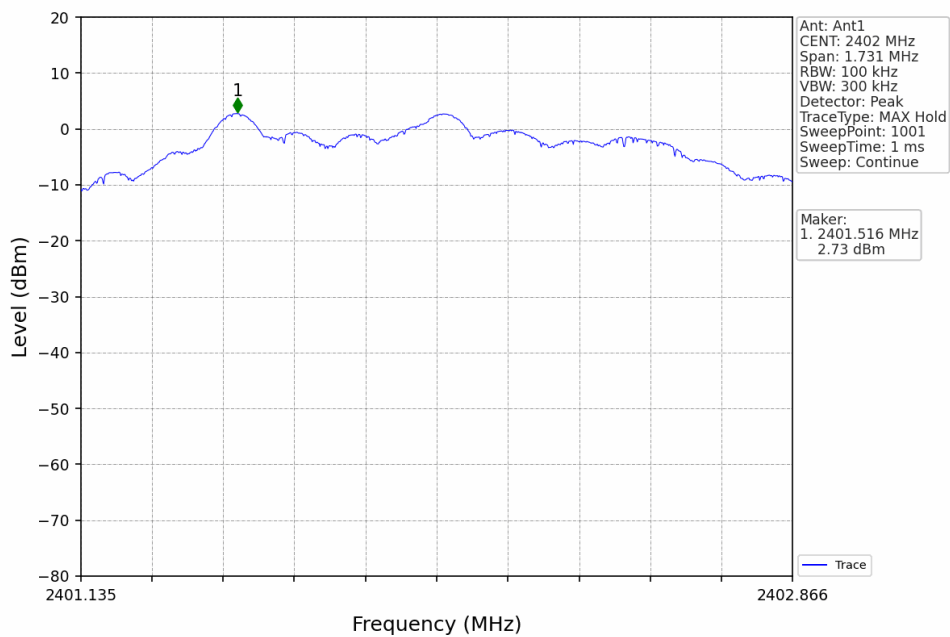
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1M\_HCH\_2480MHz\_Ant1\_NTNV



2M\_LCH\_2402MHz\_Ant1\_NTNV



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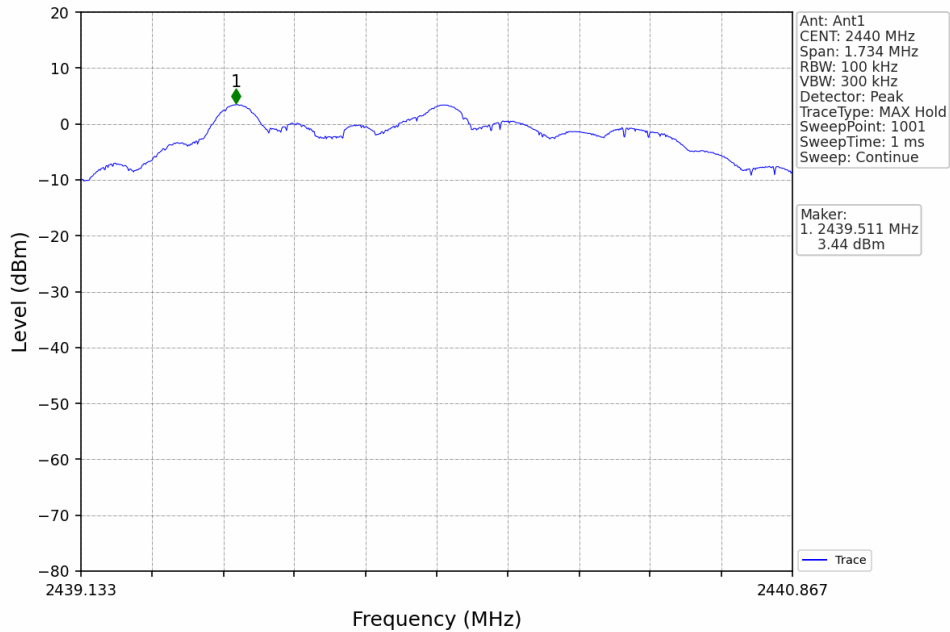
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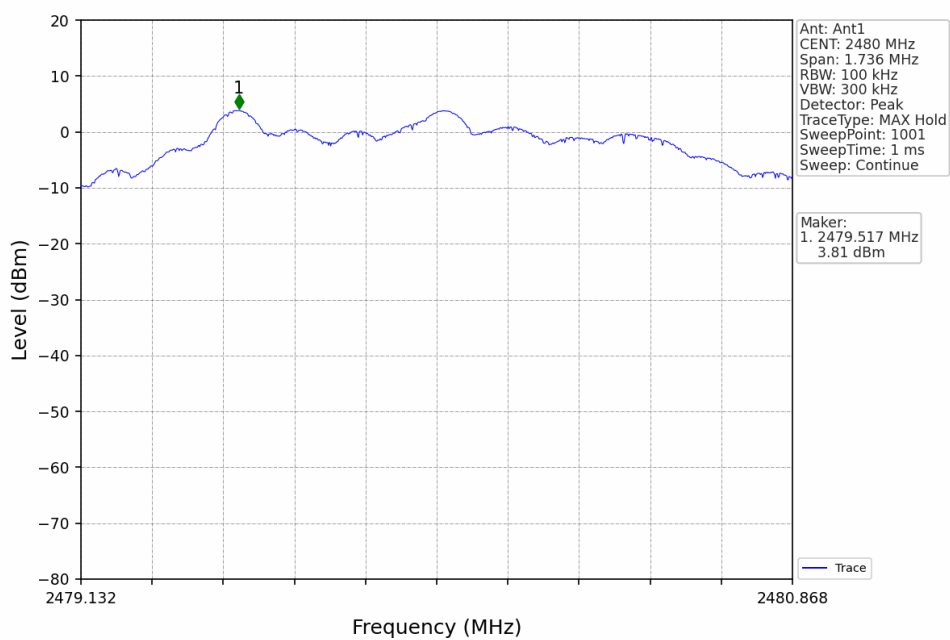
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2M\_HCH\_2480MHz\_Ant1\_NTNV



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### 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	3.77	-16.23	Pass
		2440	1	3.77	-16.23	Pass
		2480	1	3.77	-16.23	Pass
2M	SISO	2402	1	3.81	-16.19	Pass
		2440	1	3.81	-16.19	Pass
		2480	1	3.81	-16.19	Pass



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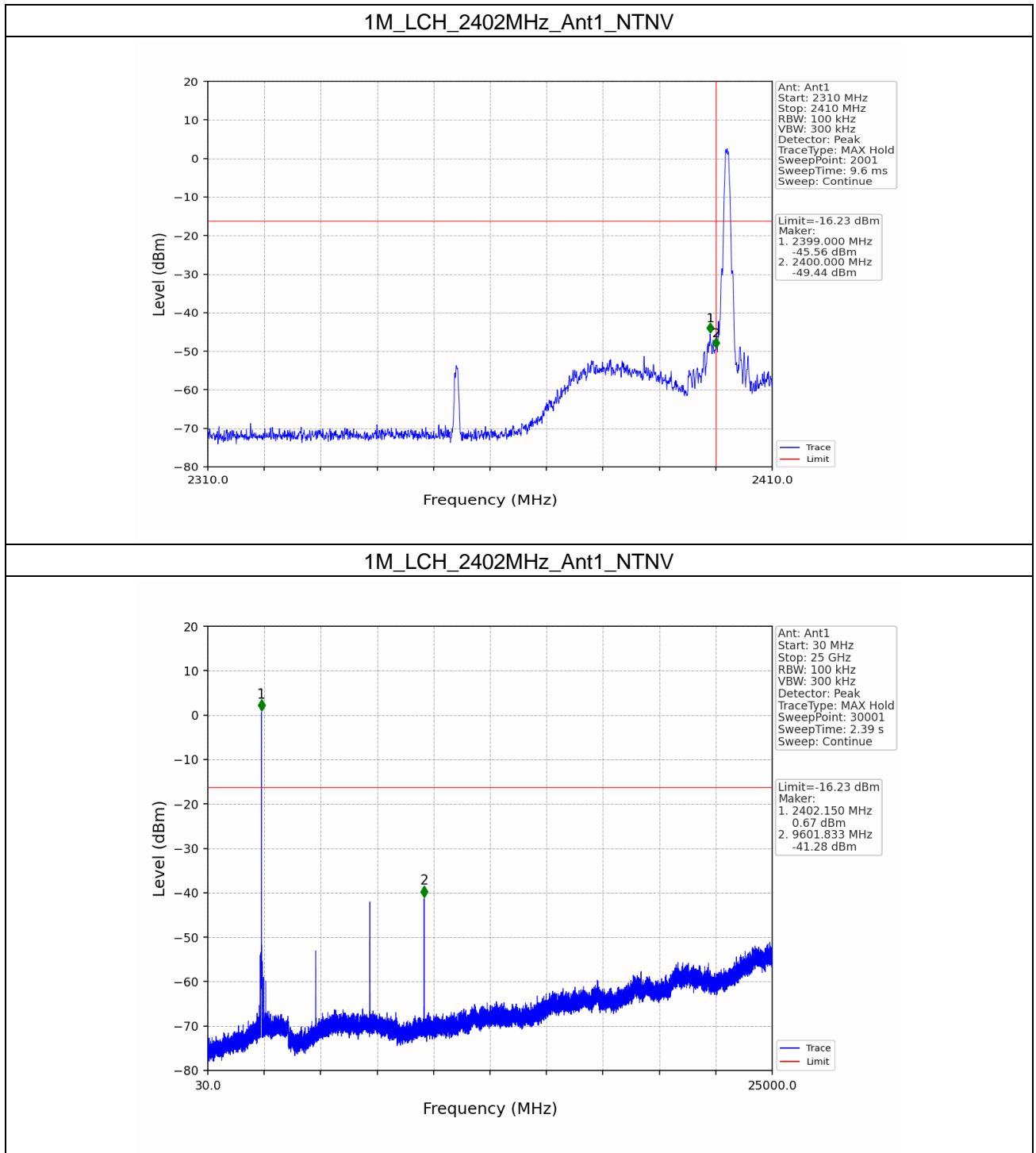
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### 5.2.2 Test Graph



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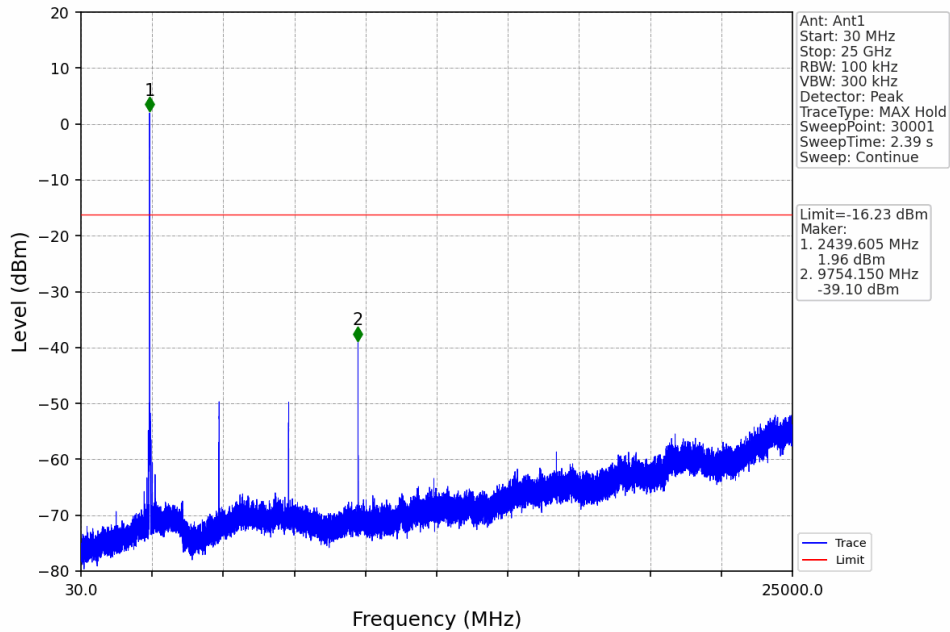
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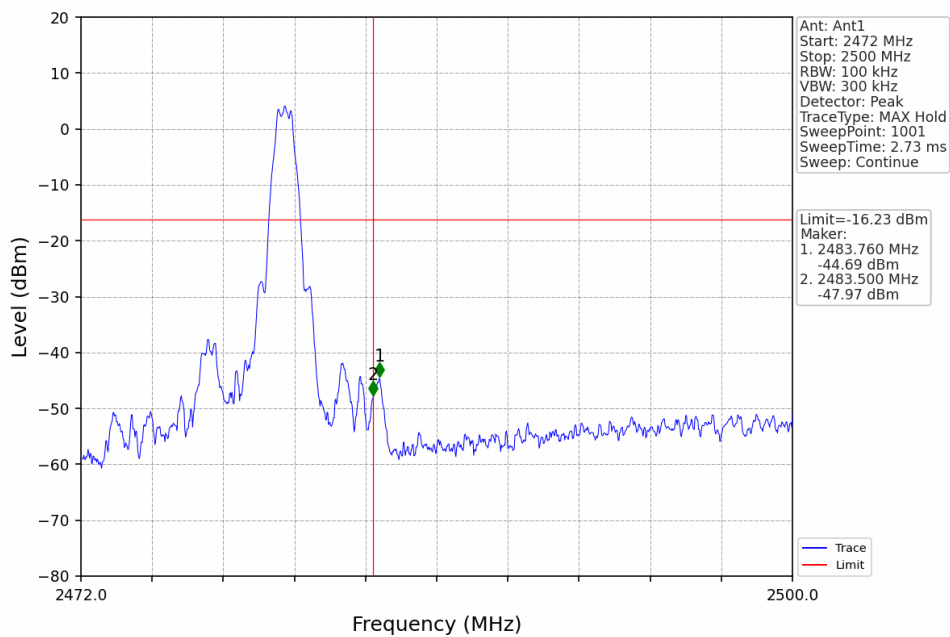
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### 1M\_HCH\_2480MHz\_Ant1\_NTNV



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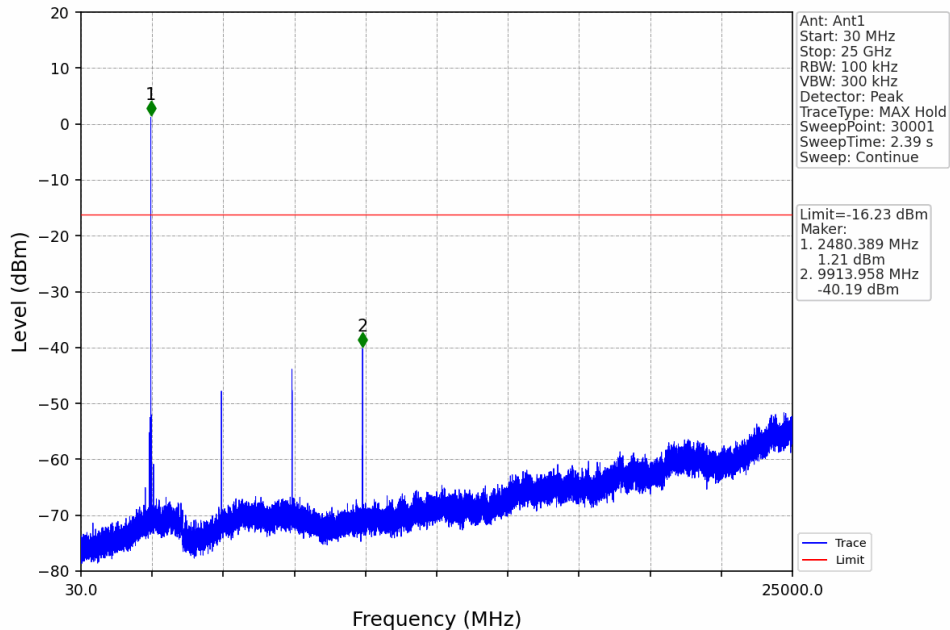
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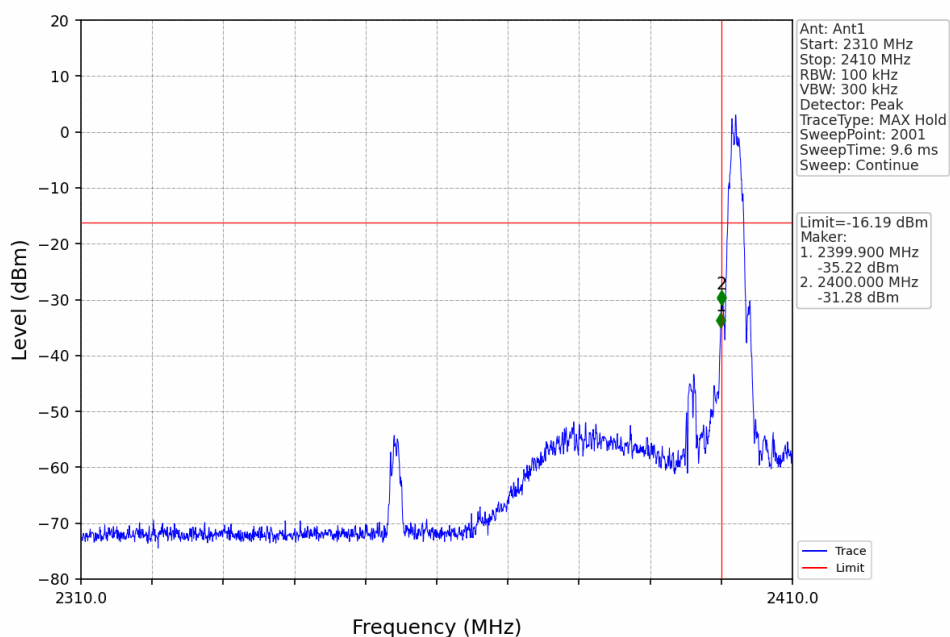
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2M\_LCH\_2402MHz\_Ant1\_NTNV



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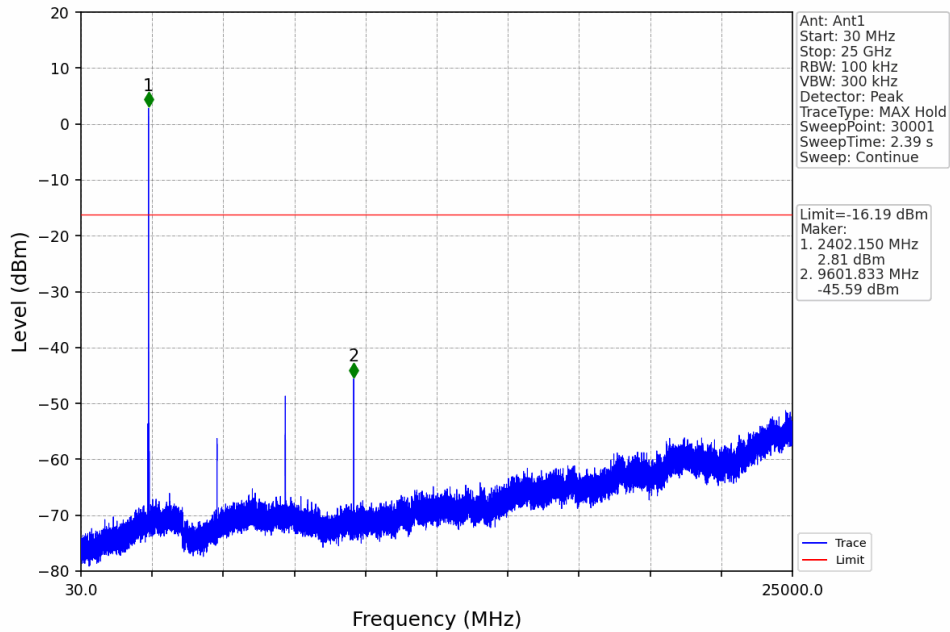
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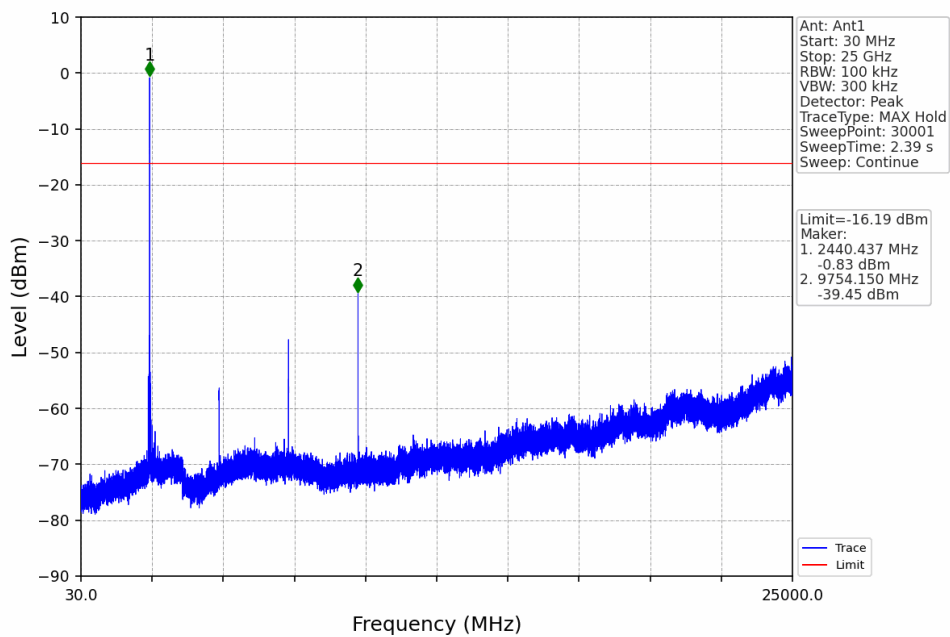
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### 2M\_LCH\_2402MHz\_Ant1\_NTNV



### 2M\_MCH\_2440MHz\_Ant1\_NTNV



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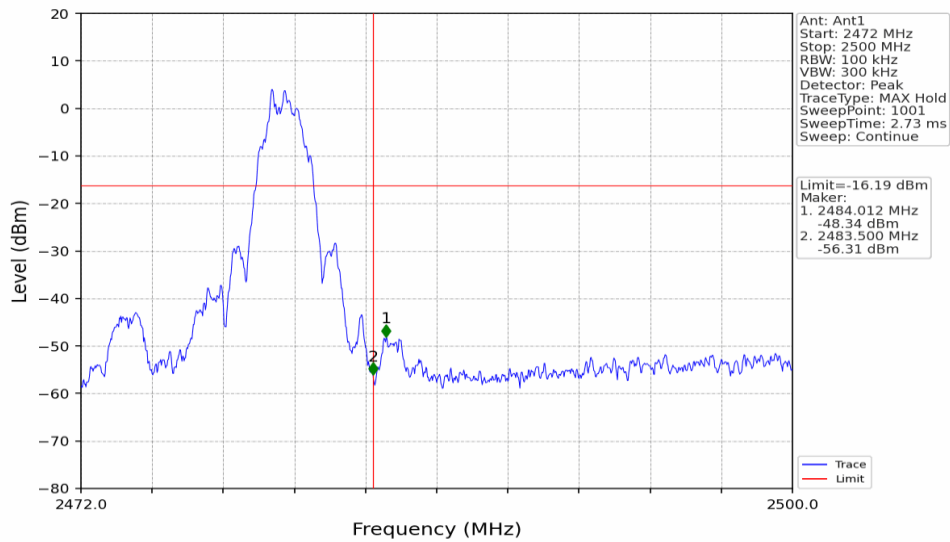
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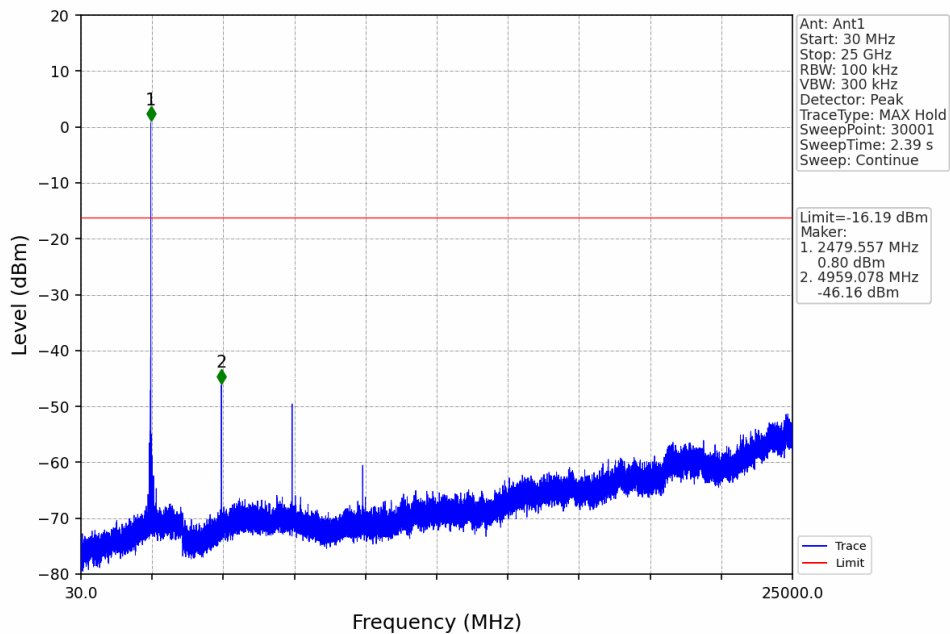
Report No.: FYCR221000043203

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2M\_HCH\_2480MHz\_Ant1\_NTNV



2M\_HCH\_2480MHz\_Ant1\_NTNV



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