

## 10 Appendix

### 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	0.108	0.625	17.28	7.62	0.03
		2440	0.107	0.625	17.12	7.66	0.00
		2480	0.108	0.625	17.28	7.62	0.03
2M	SISO	2402	0.066	0.625	10.56	9.76	0.00
		2440	0.065	0.625	10.40	9.83	0.00
		2480	0.066	0.625	10.56	9.76	0.03



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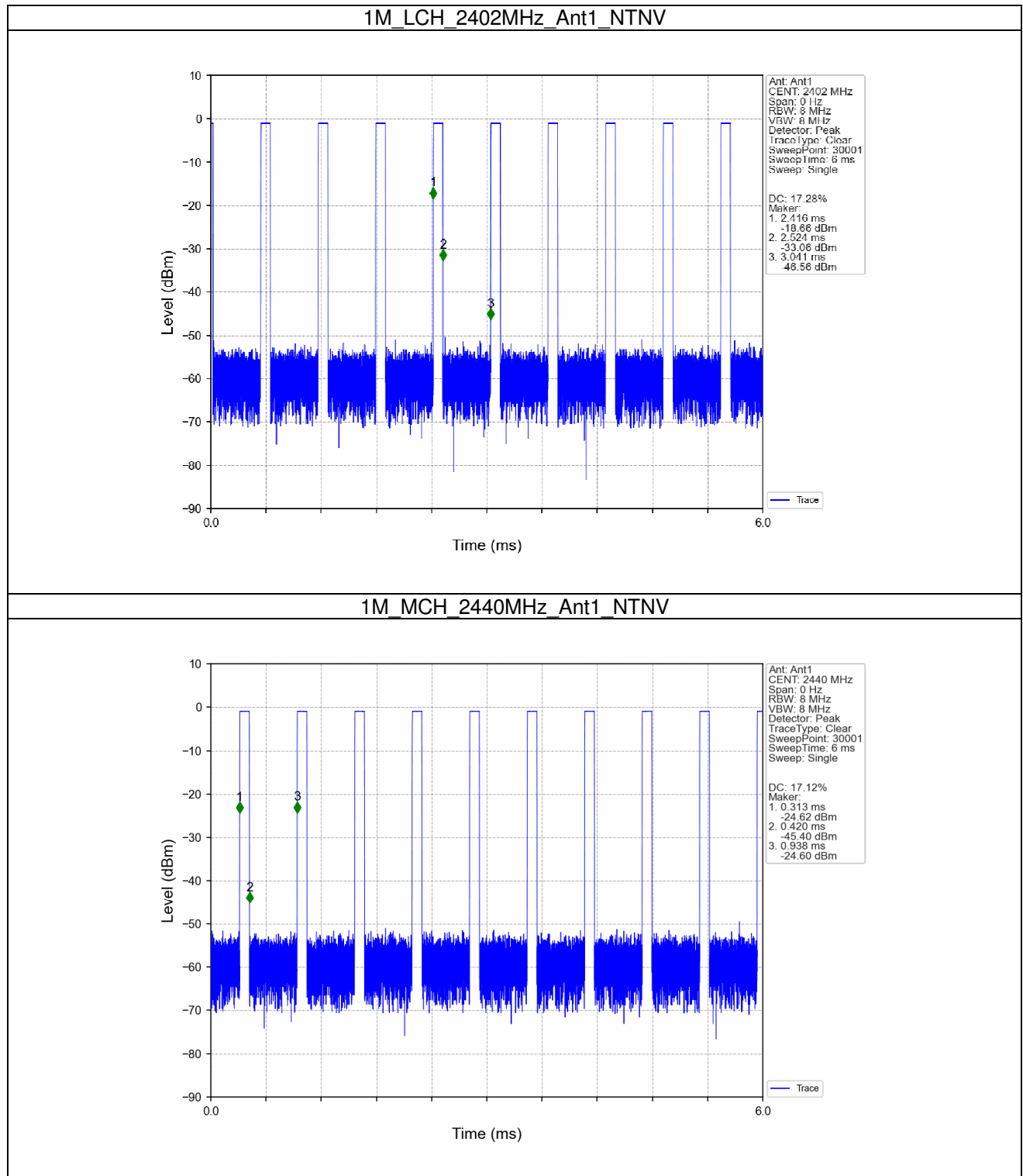
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### 1.2 Test Graph

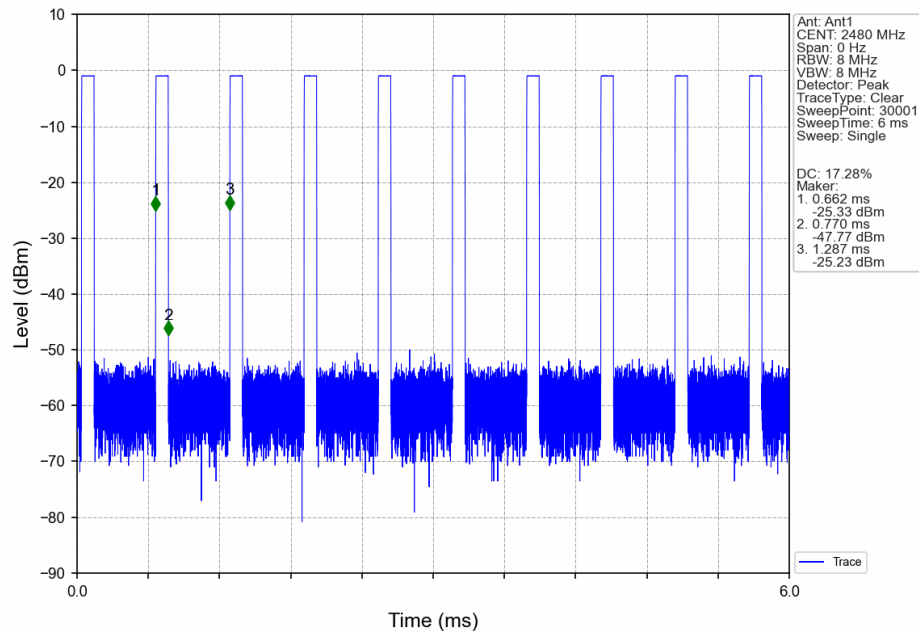
#### 1.2.1 Ant1



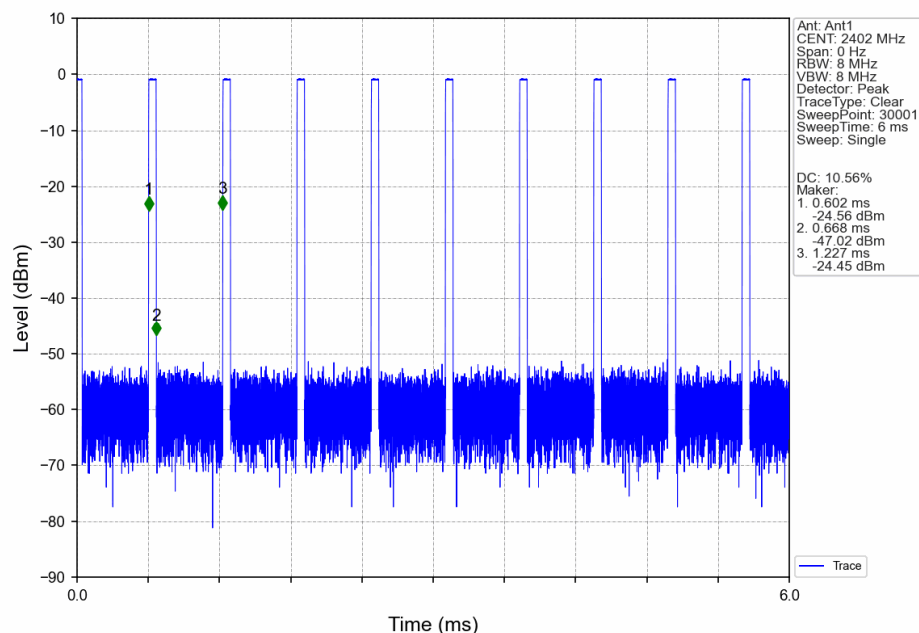
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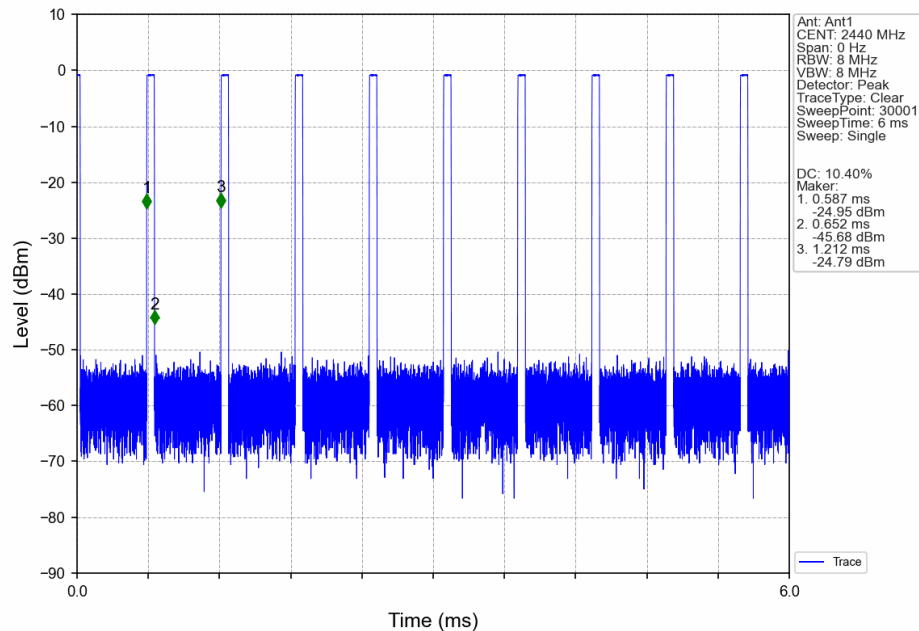
### 1M\_HCH\_2480MHz\_Ant1\_NTNV



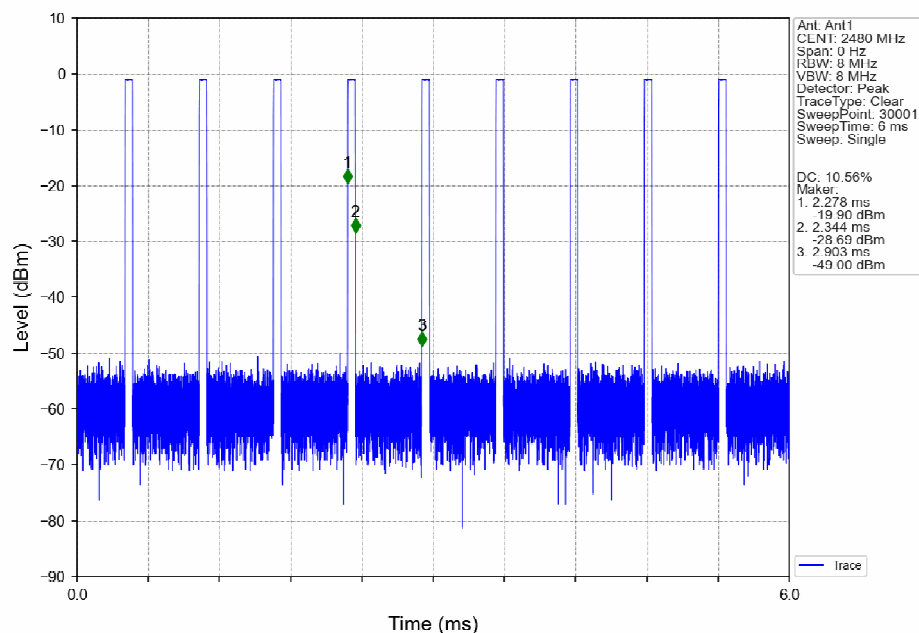
### 2M\_LCH\_2402MHz\_Ant1\_NTNV



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



### 2M\_HCH\_2480MHz\_Ant1\_NTNV



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## 2. Bandwidth

### 2.1 Test Result

#### 2.1.1 6dB BW

Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
1M	SISO	2402	1	0.696	$\geq 0.5$	Pass
		2440	1	0.691	$\geq 0.5$	Pass
		2480	1	0.689	$\geq 0.5$	Pass
2M	SISO	2402	1	1.185	$\geq 0.5$	Pass
		2440	1	1.192	$\geq 0.5$	Pass
		2480	1	1.193	$\geq 0.5$	Pass



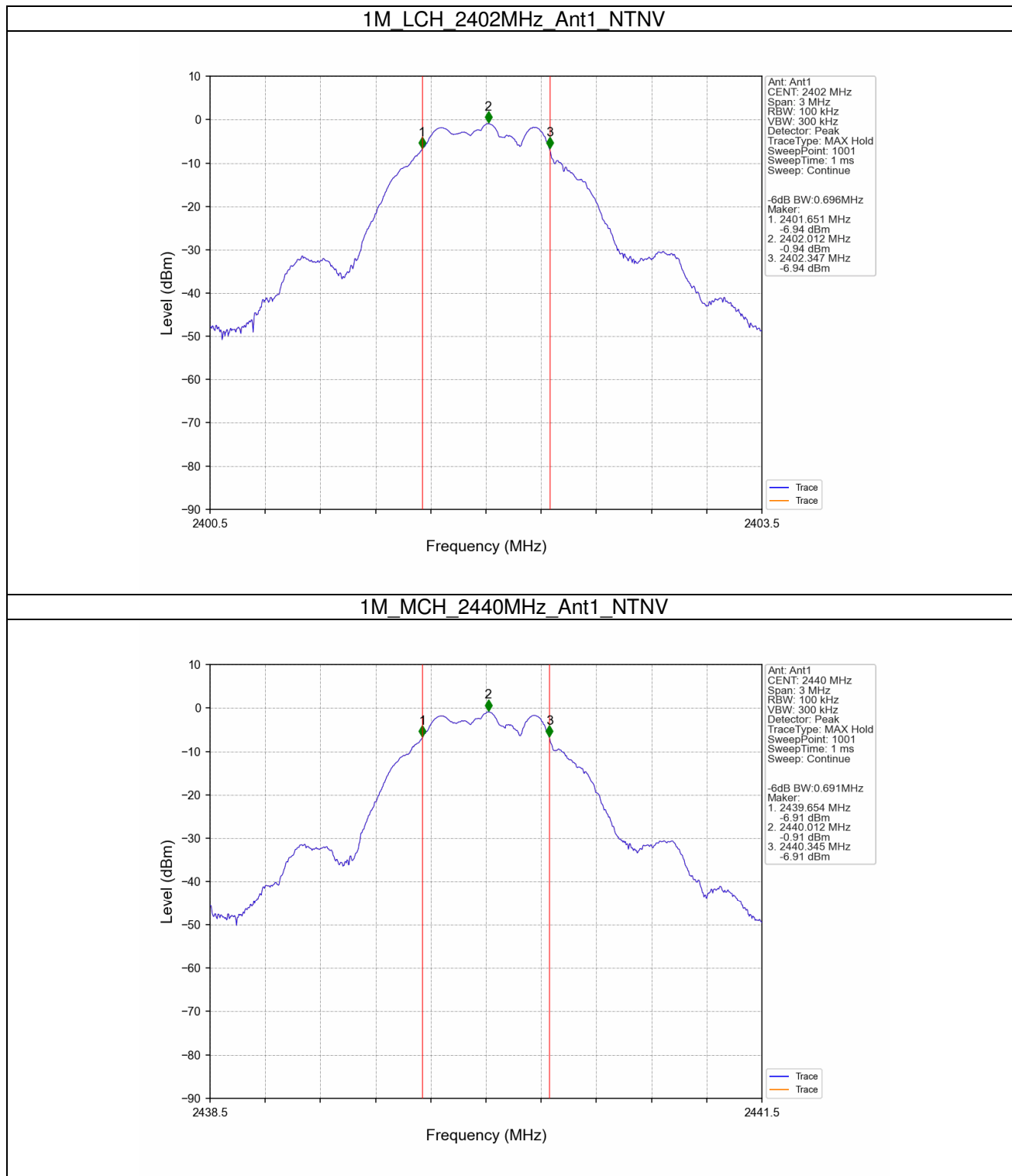
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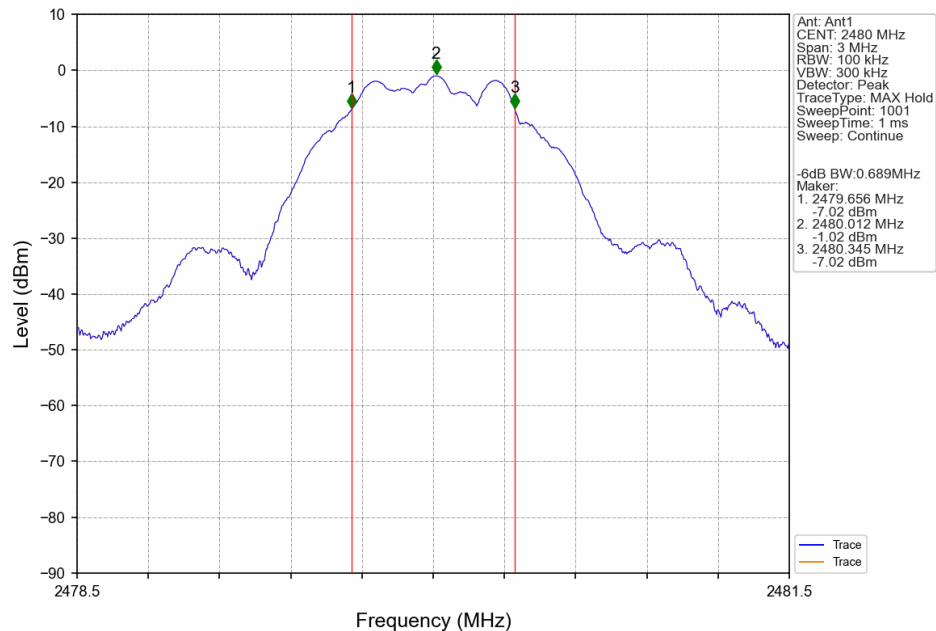


## 2.2 Test Graph

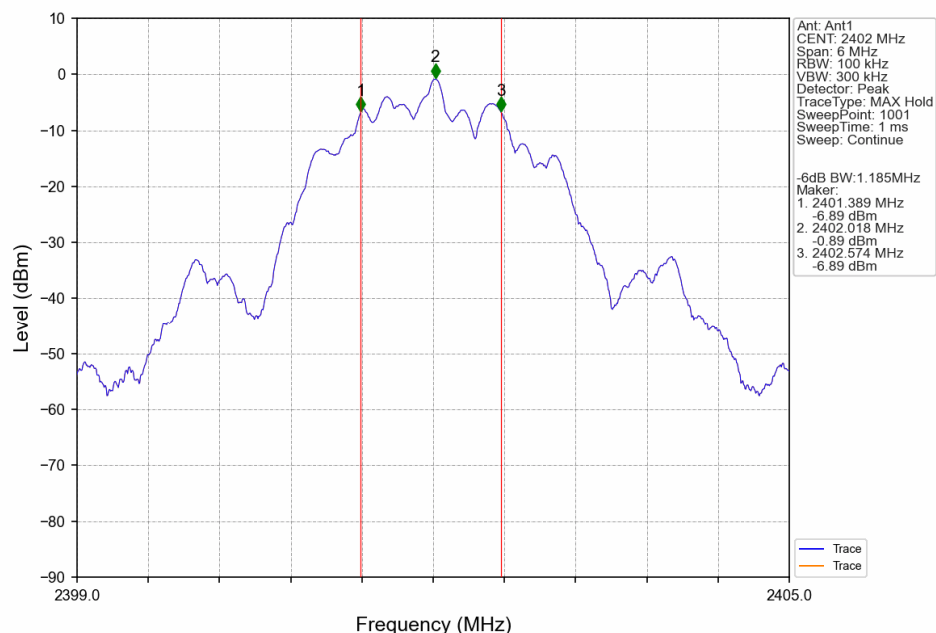
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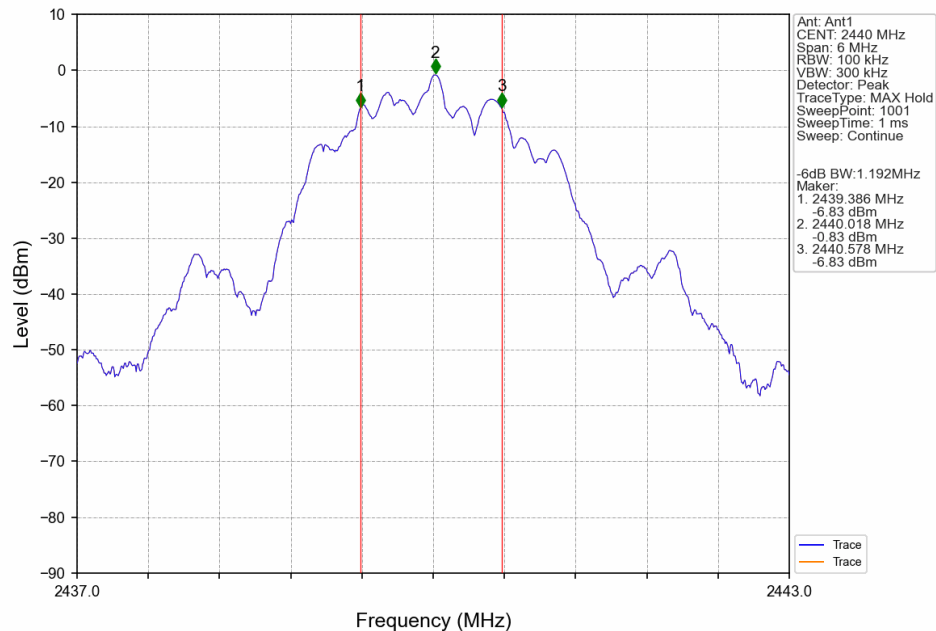
### 1M\_HCH\_2480MHz\_Ant1\_NTNV



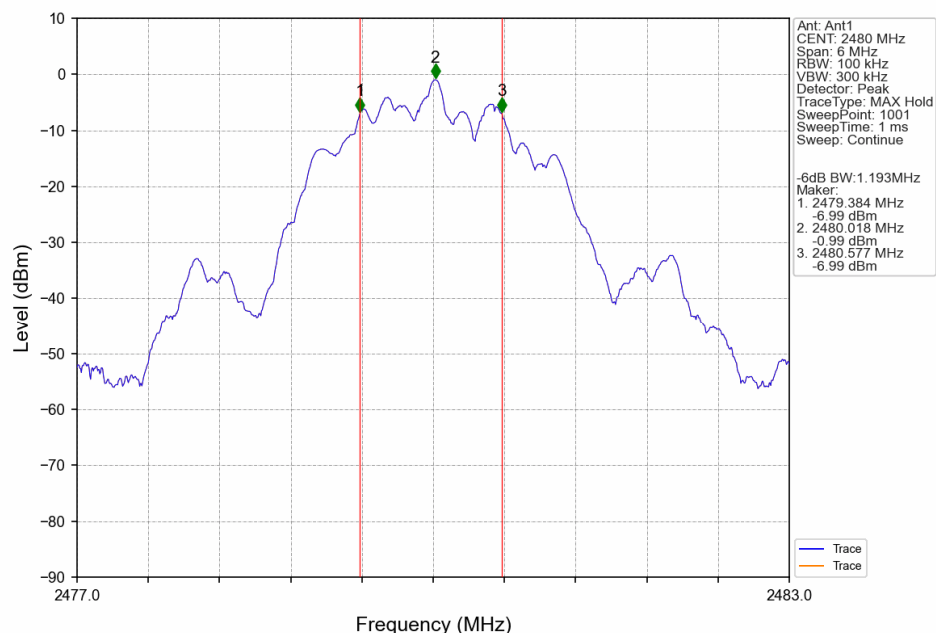
### 2M\_LCH\_2402MHz\_Ant1\_NTNV



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



### 2M\_HCH\_2480MHz\_Ant1\_NTNV



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### 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	-0.94	<=30	Pass
		2440	-0.90	<=30	Pass
		2480	-1.01	<=30	Pass
2M	SISO	2402	-0.90	<=30	Pass
		2440	-0.85	<=30	Pass
		2480	-1.00	<=30	Pass



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## 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	-18.39	<=8	Pass
		2440	-18.25	<=8	Pass
		2480	-18.78	<=8	Pass
2M	SISO	2402	-20.50	<=8	Pass
		2440	-20.38	<=8	Pass
		2480	-20.53	<=8	Pass

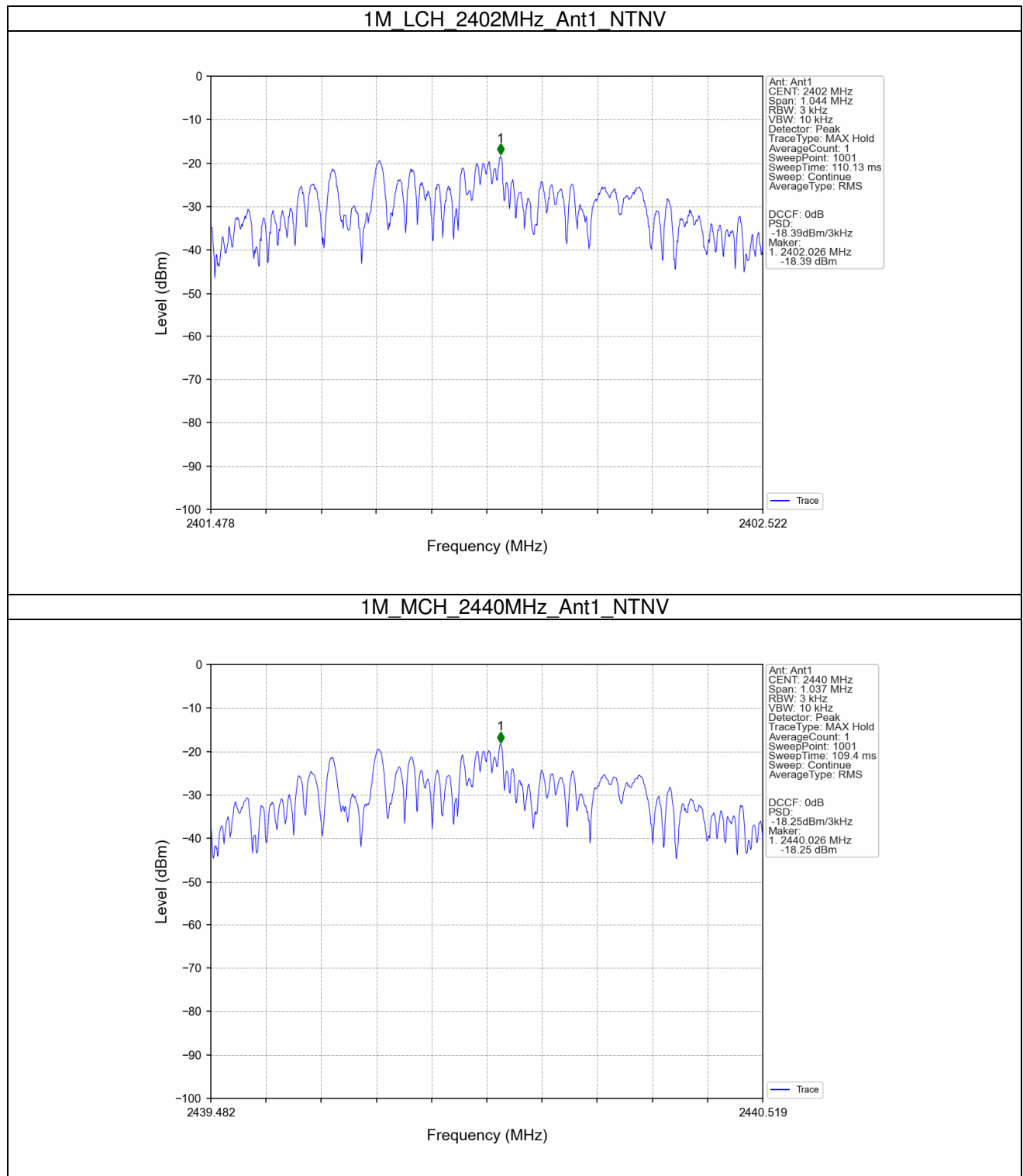


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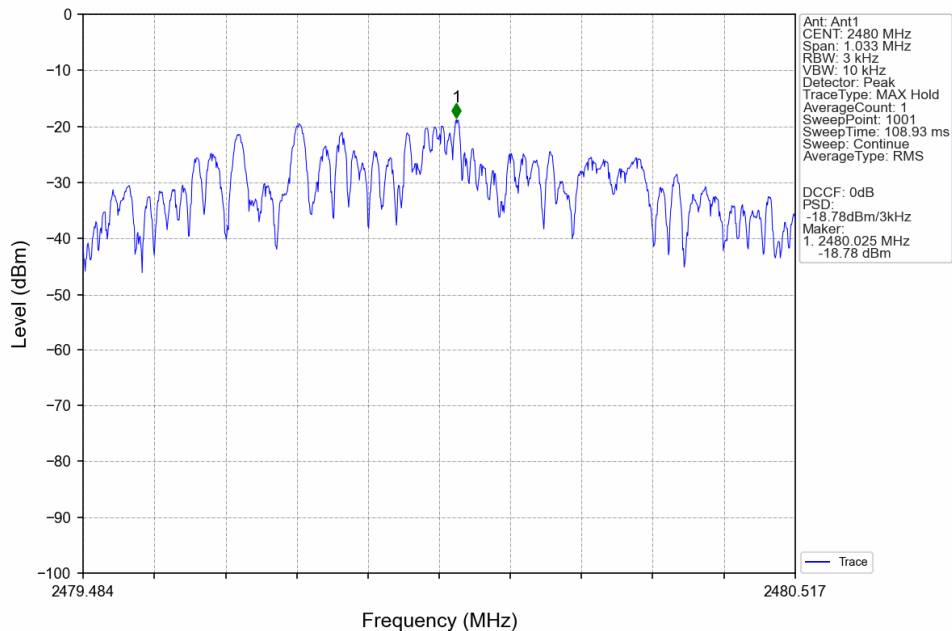
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### 4.2 Test Graph

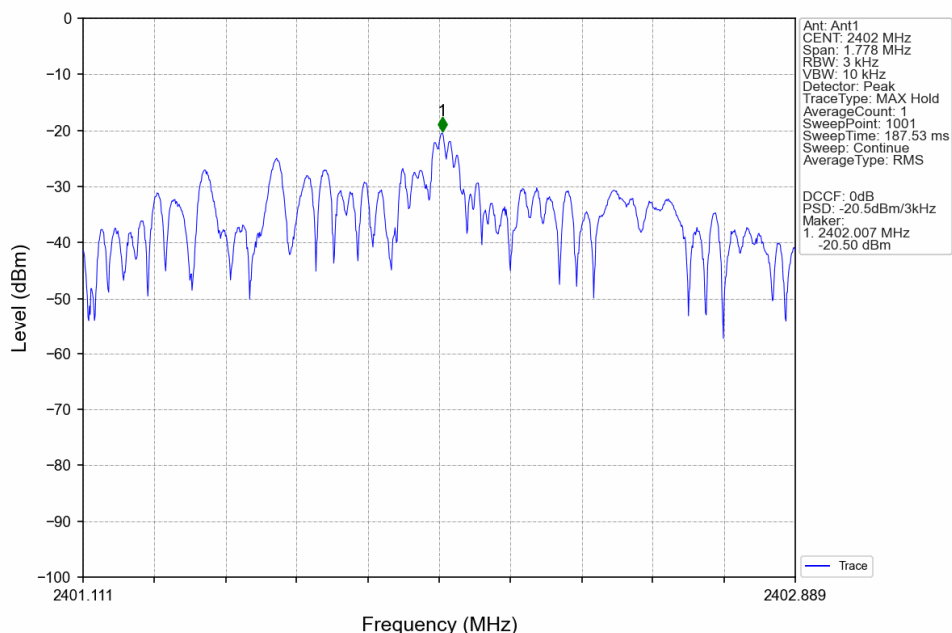
#### 4.2.1 PSD



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



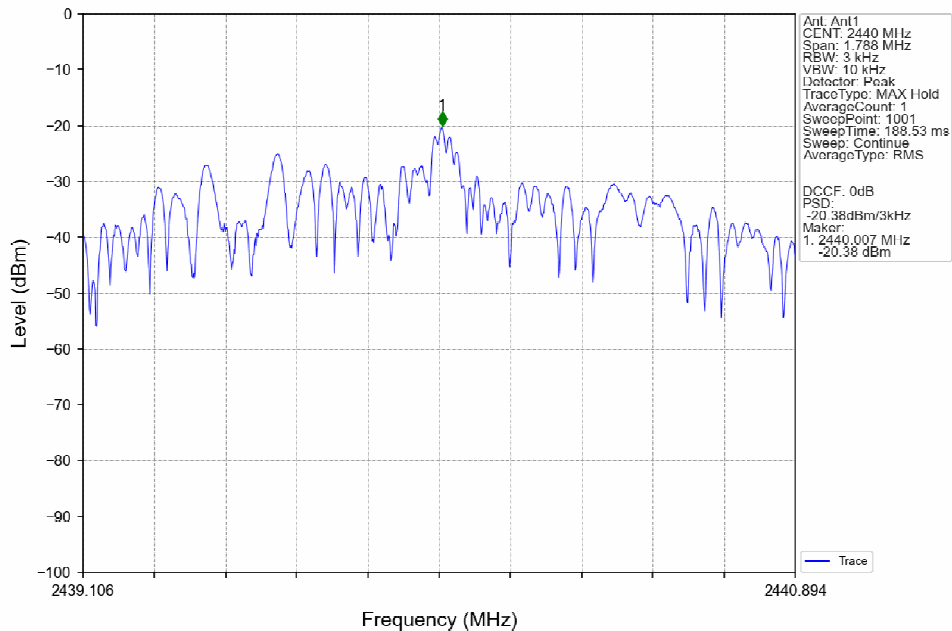
### 2M\_LCH\_2402MHz\_Ant1\_NTNV



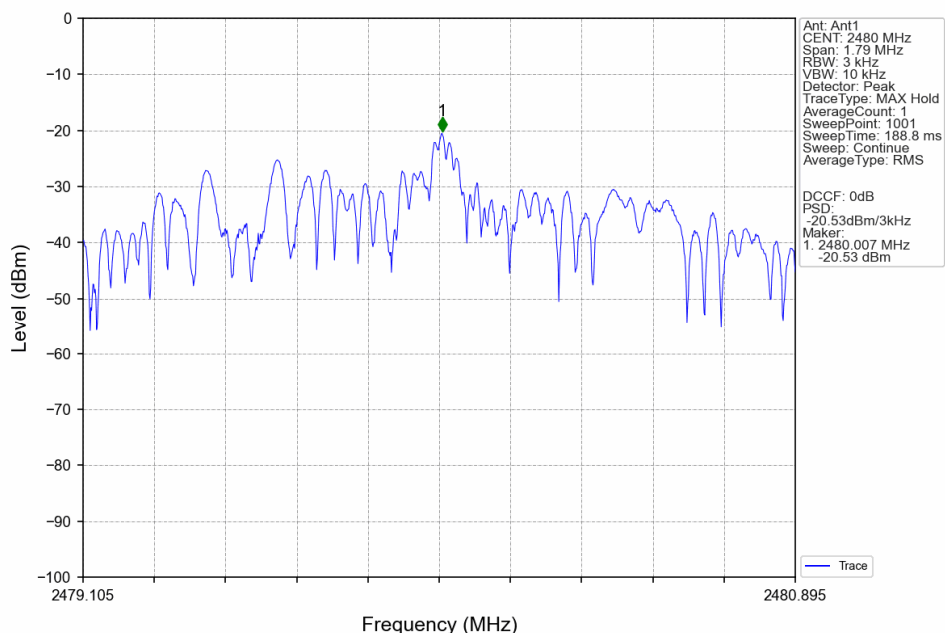
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### 2M\_MCH\_2440MHz\_Ant1\_NTNV



### 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	-0.96
		2440	1	<b>-0.92</b>
		2480	1	-1.03
2M	SISO	2402	1	-0.95
		2440	1	<b>-0.89</b>
		2480	1	-1.05

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 CSE and Band Edges

Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
1M	SISO	2402	1	-0.92	-20.92	Pass
		2440	1	-0.92	-20.92	Pass
		2480	1	-0.92	-20.92	Pass
2M	SISO	2402	1	-0.89	-20.89	Pass
		2440	1	-0.89	-20.89	Pass
		2480	1	-0.89	-20.89	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.



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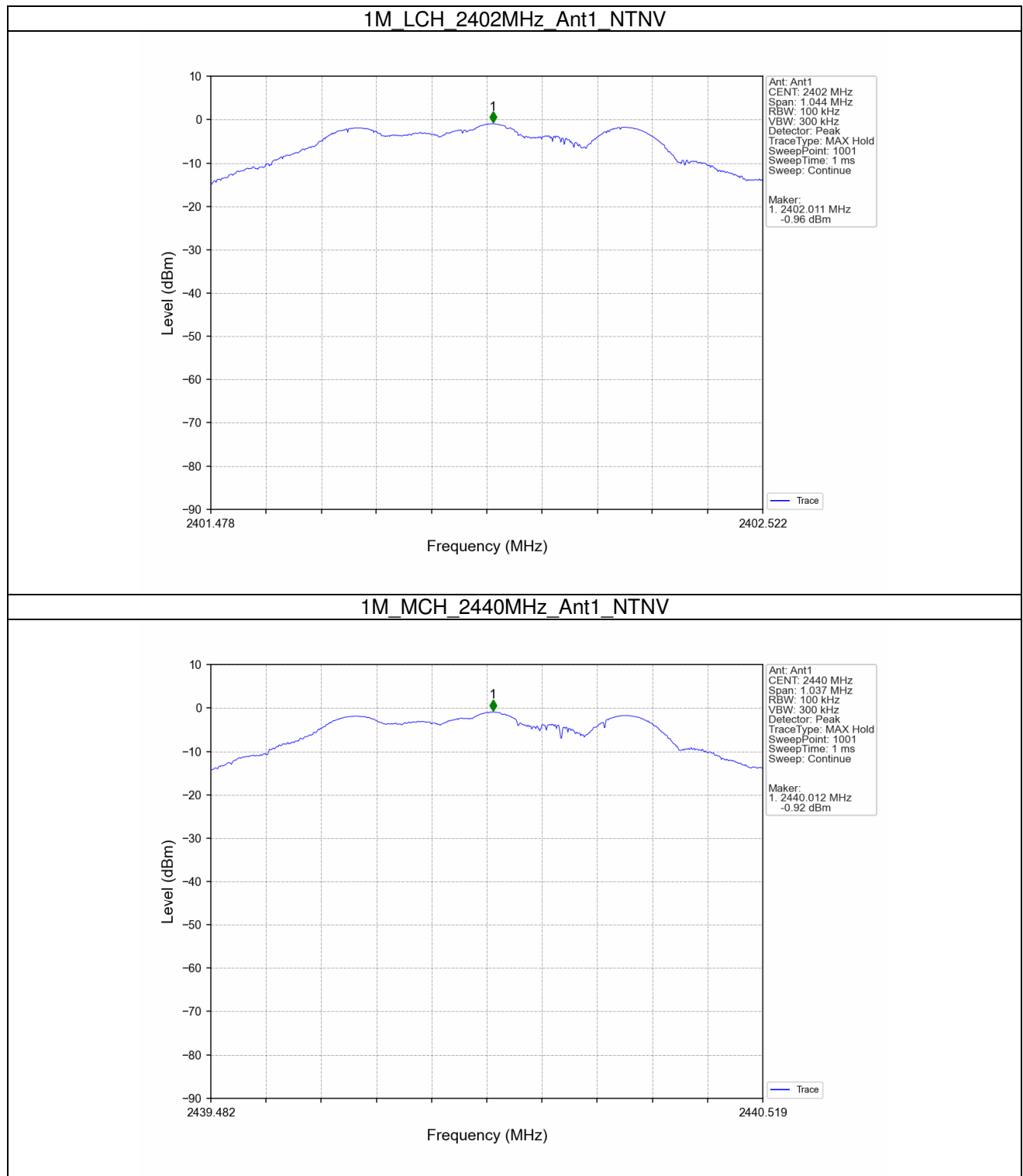
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### 5.2 Test Graph

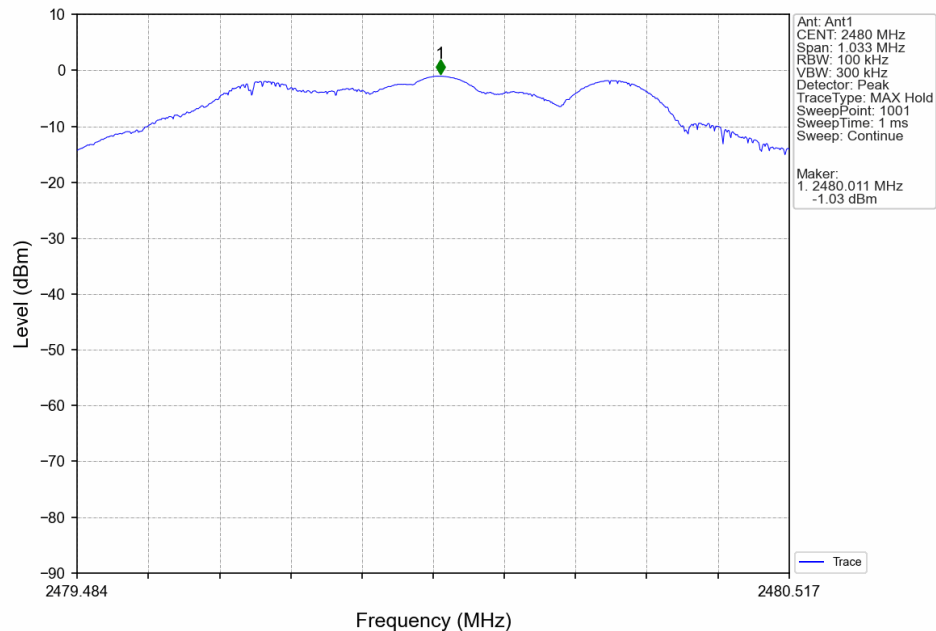
#### 5.2.1 Ref



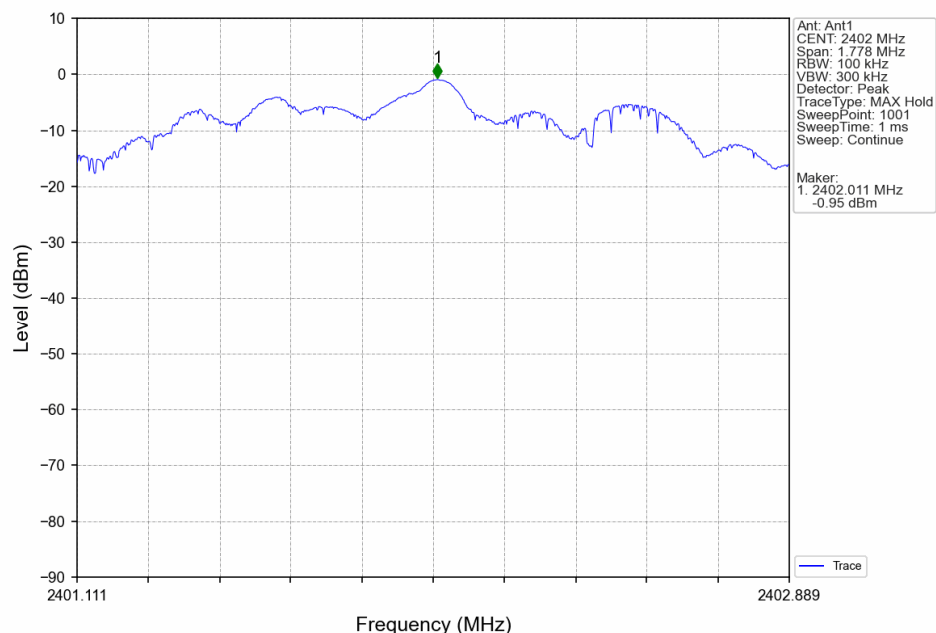
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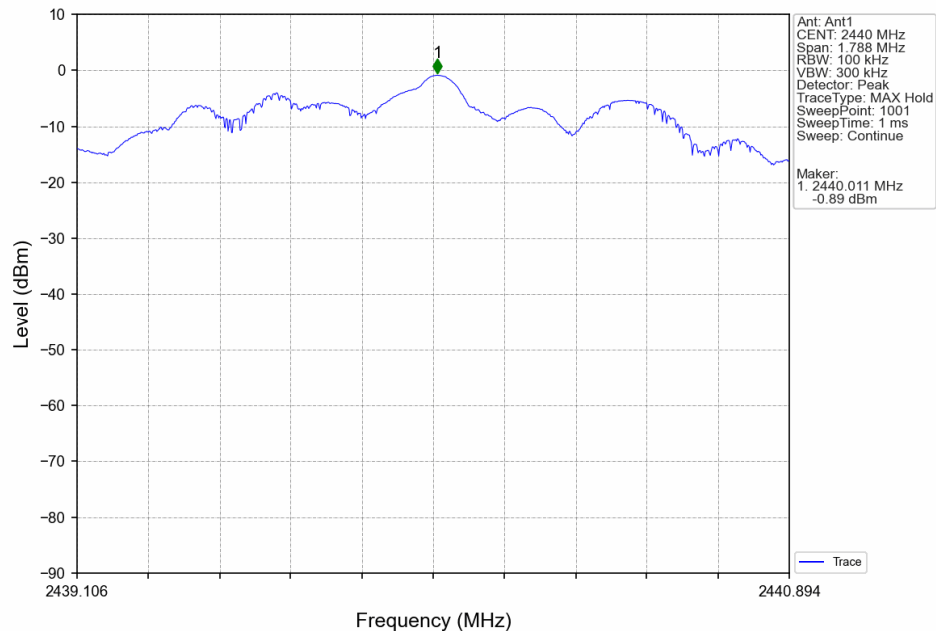
### 1M\_HCH\_2480MHz\_Ant1\_NTNV



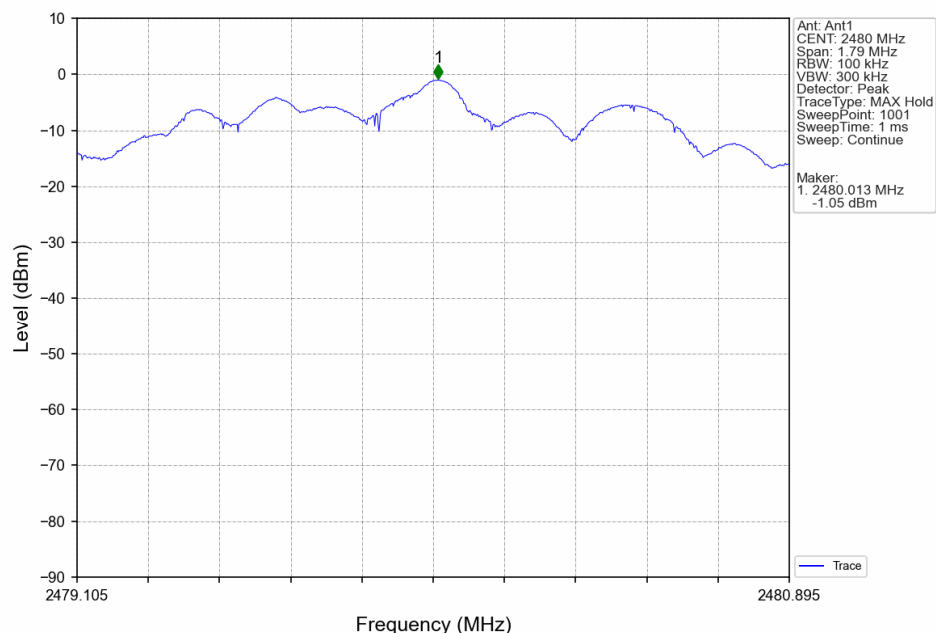
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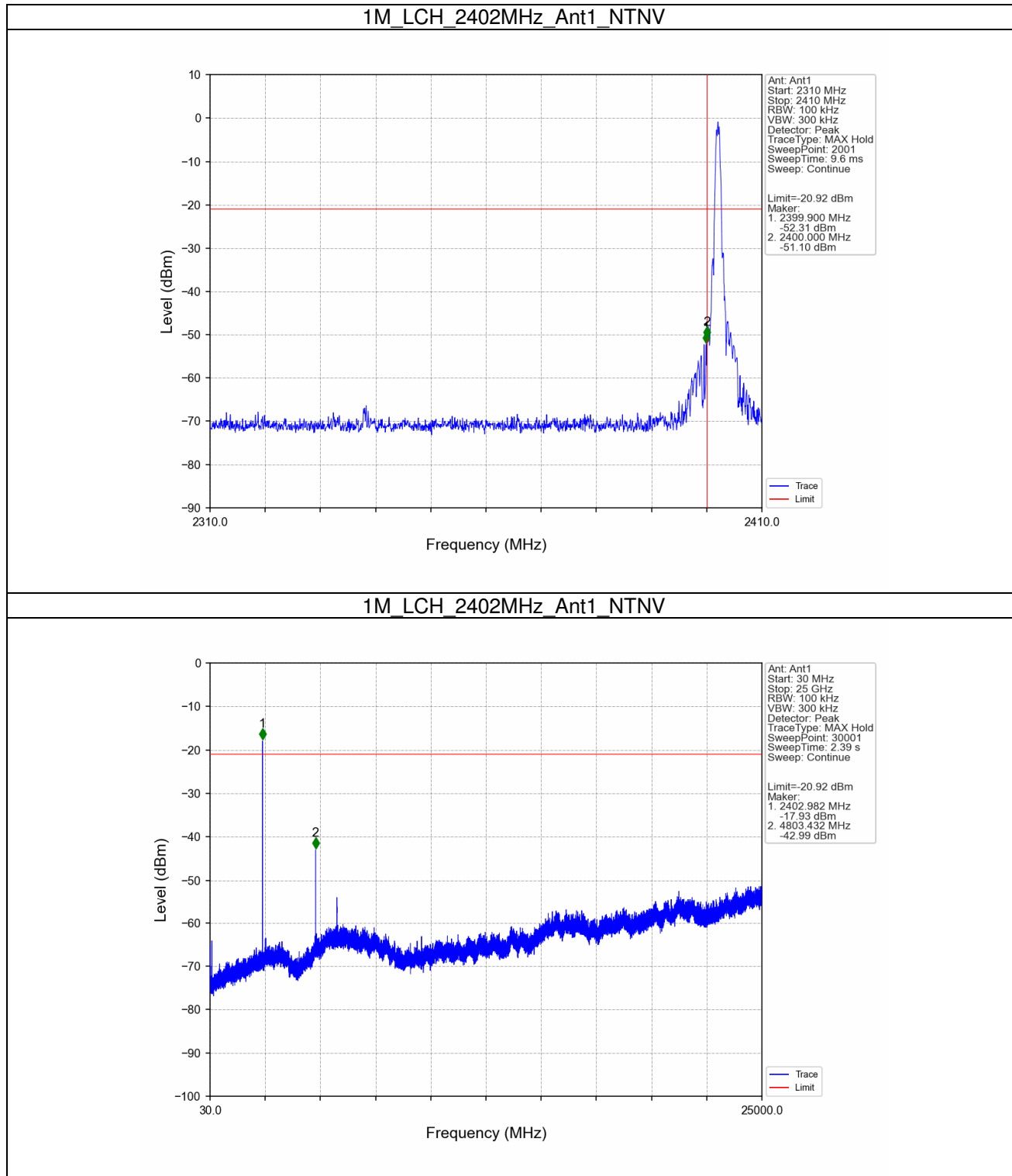
### 2M\_MCH\_2440MHz\_Ant1\_NTNV



### 2M\_HCH\_2480MHz\_Ant1\_NTNV



### 5.2.2 CSE



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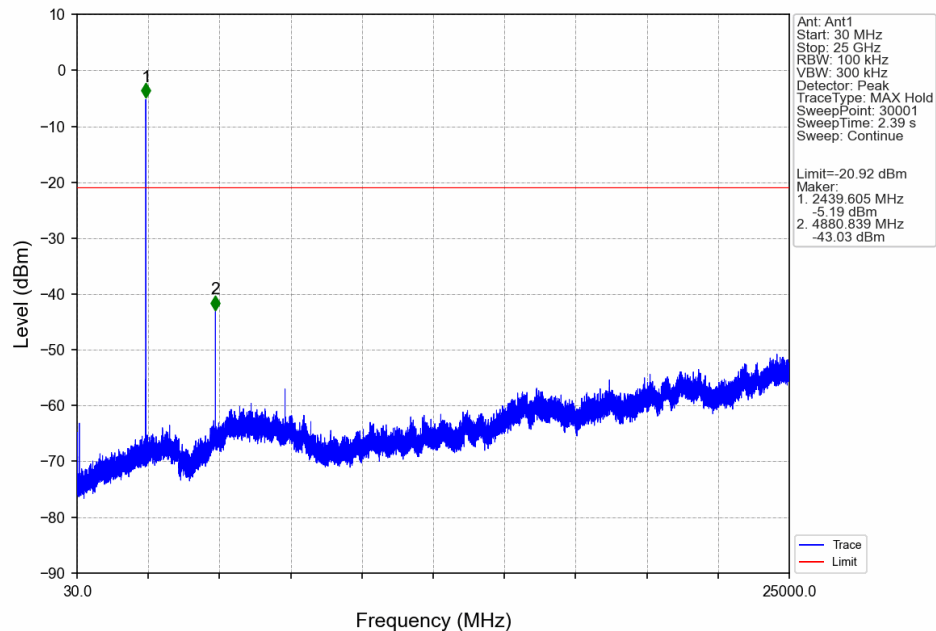
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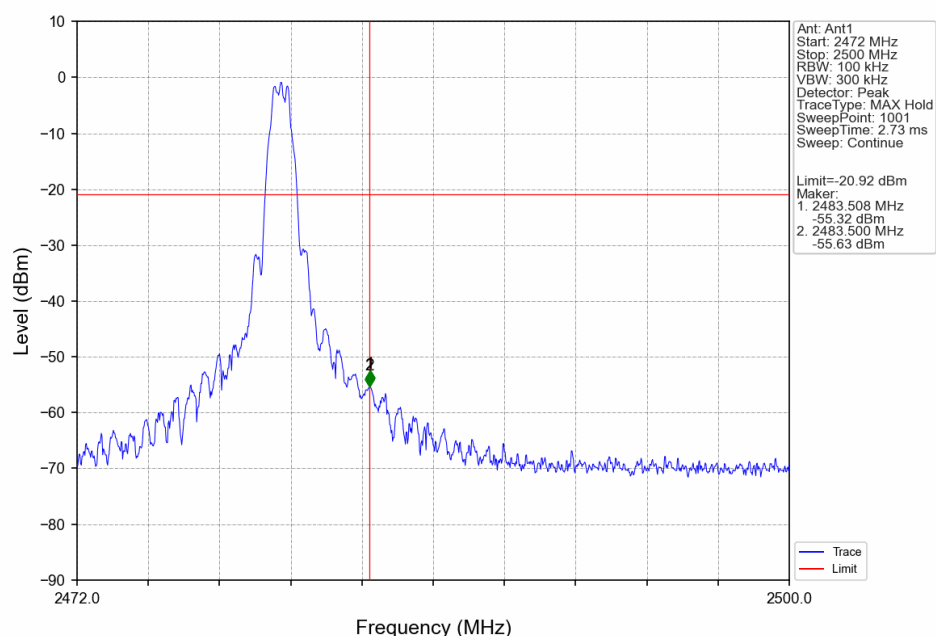
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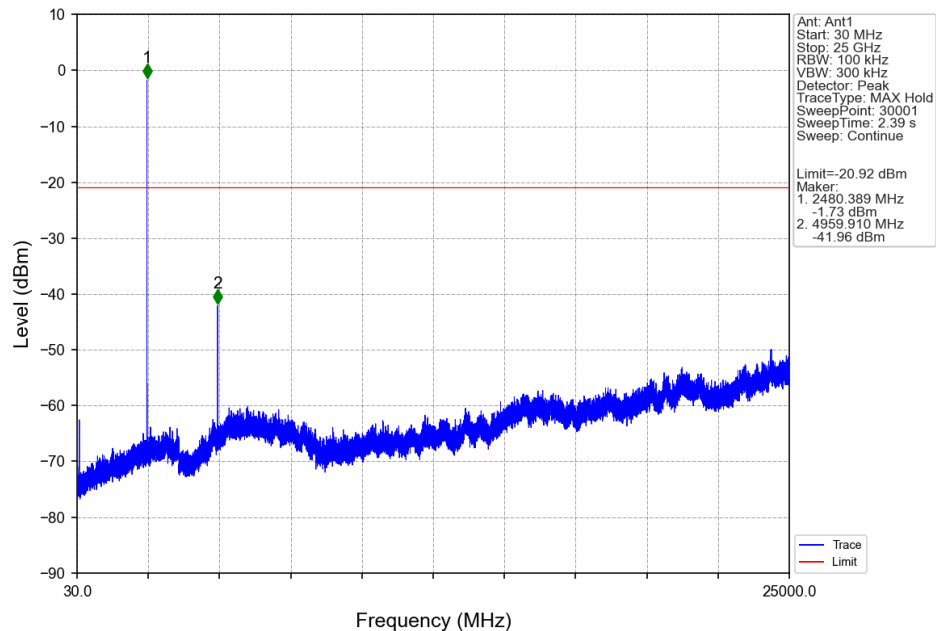
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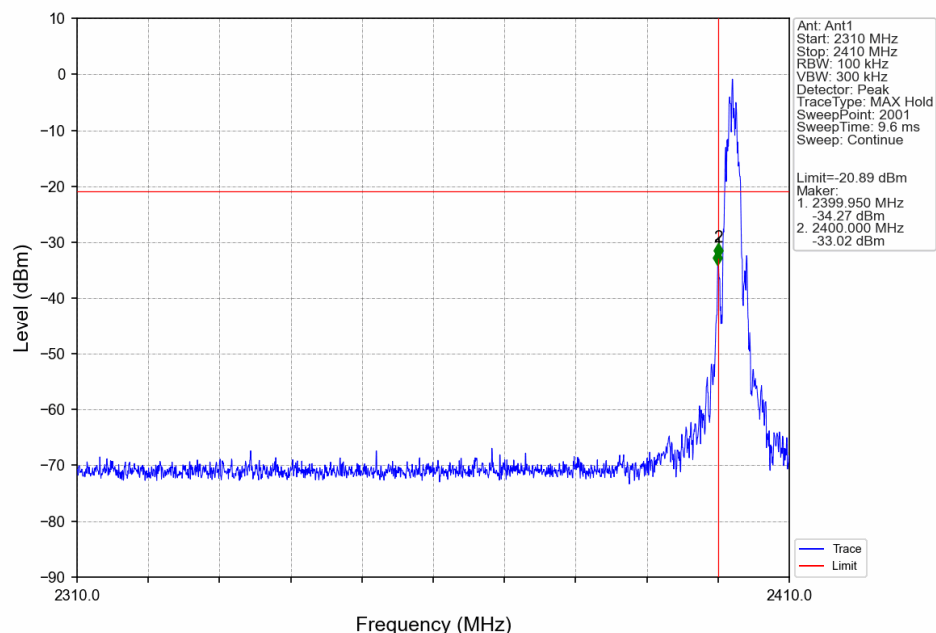
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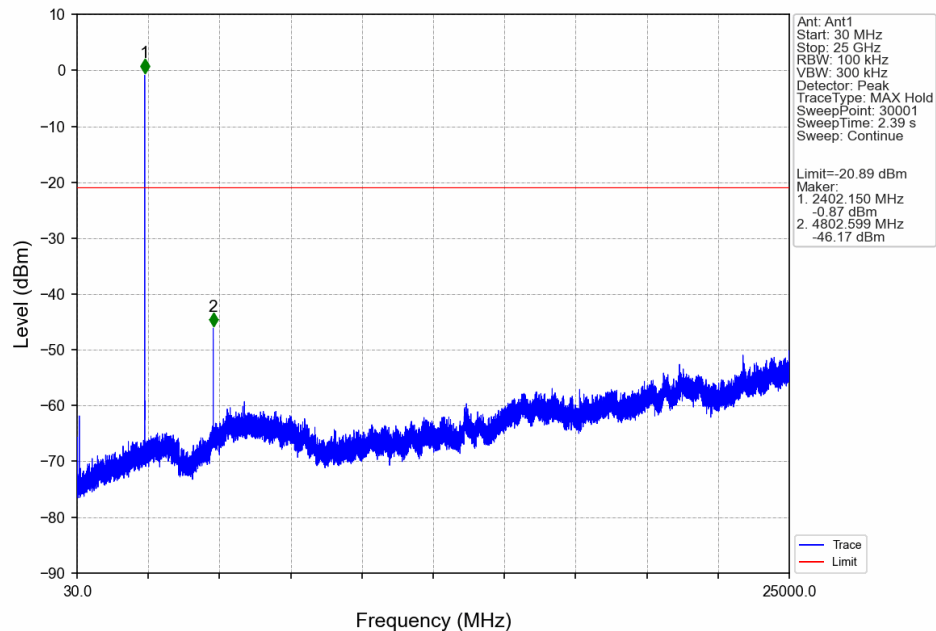
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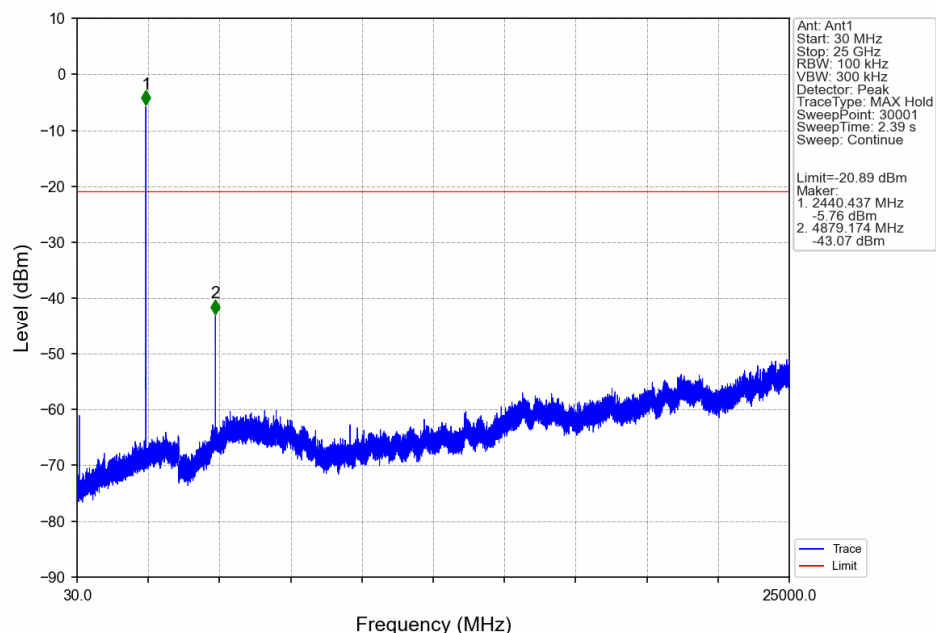
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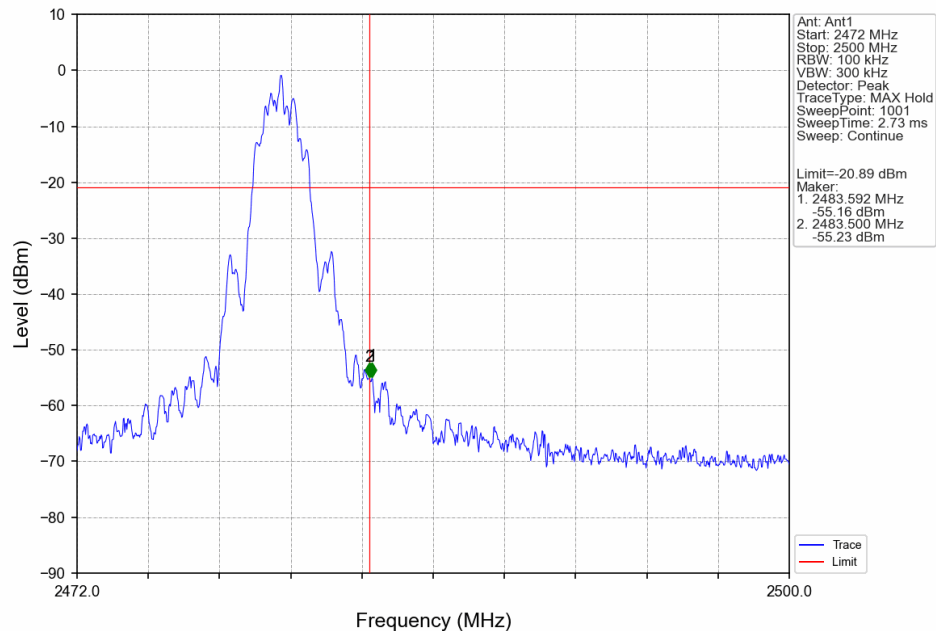
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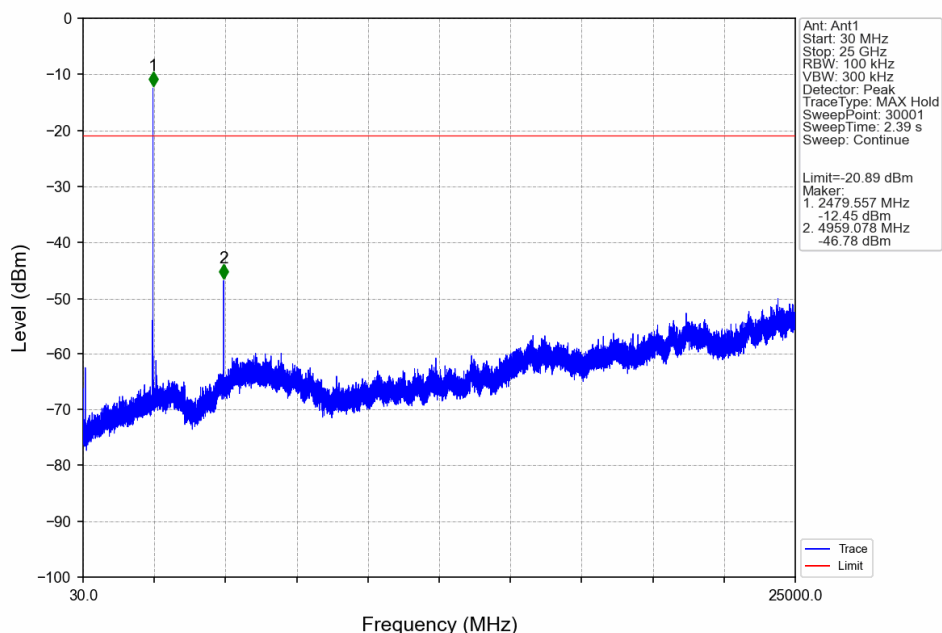
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### 2M\_HCH 2480MHz\_Ant1\_NTNV



### 2M\_HCH 2480MHz\_Ant1\_NTNV



- End of the Report -

