

## Appendix A for KSCR220200023501

## 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	10.407	10.503	99.09	0.04	0.03
		2440	10.407	10.504	99.08	0.04	0.03
		2480	10.407	10.503	99.09	0.04	0.03



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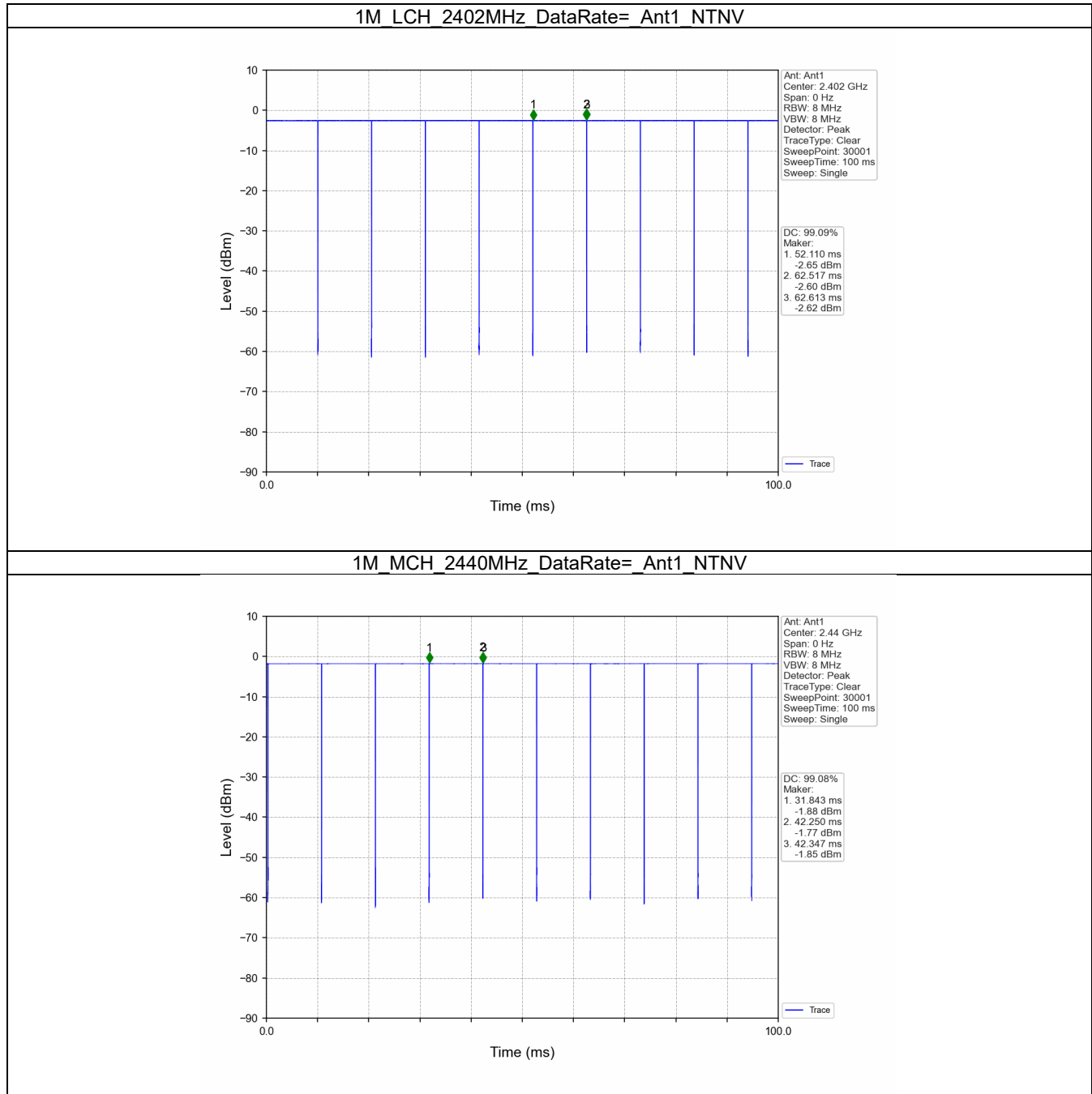
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## 1.1.2 Test Graph



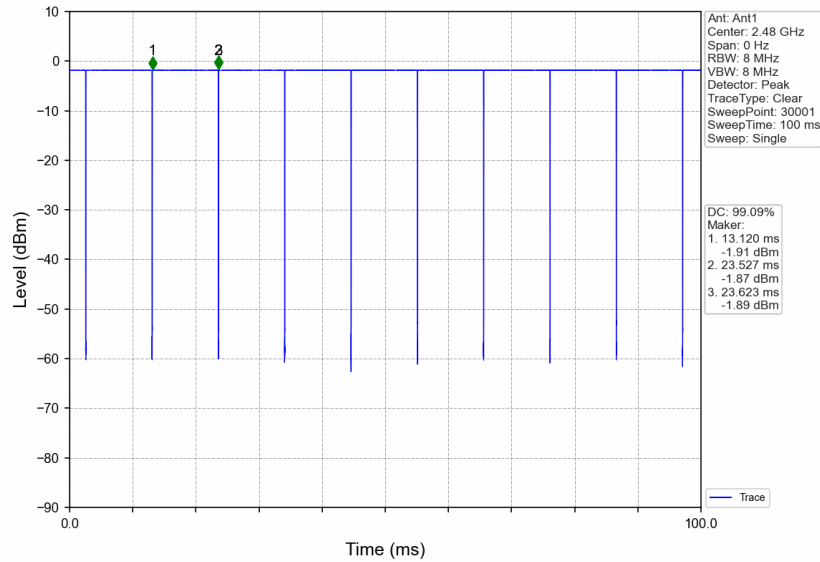
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## 2. Bandwidth

### 2.1 OBW

#### 2.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Ant	99% Occupied Bandwidth (MHz)	Verdict
				Result	
1M	SISO	2402	1	1.119	Pass
		2440	1	1.116	Pass
		2480	1	1.079	Pass



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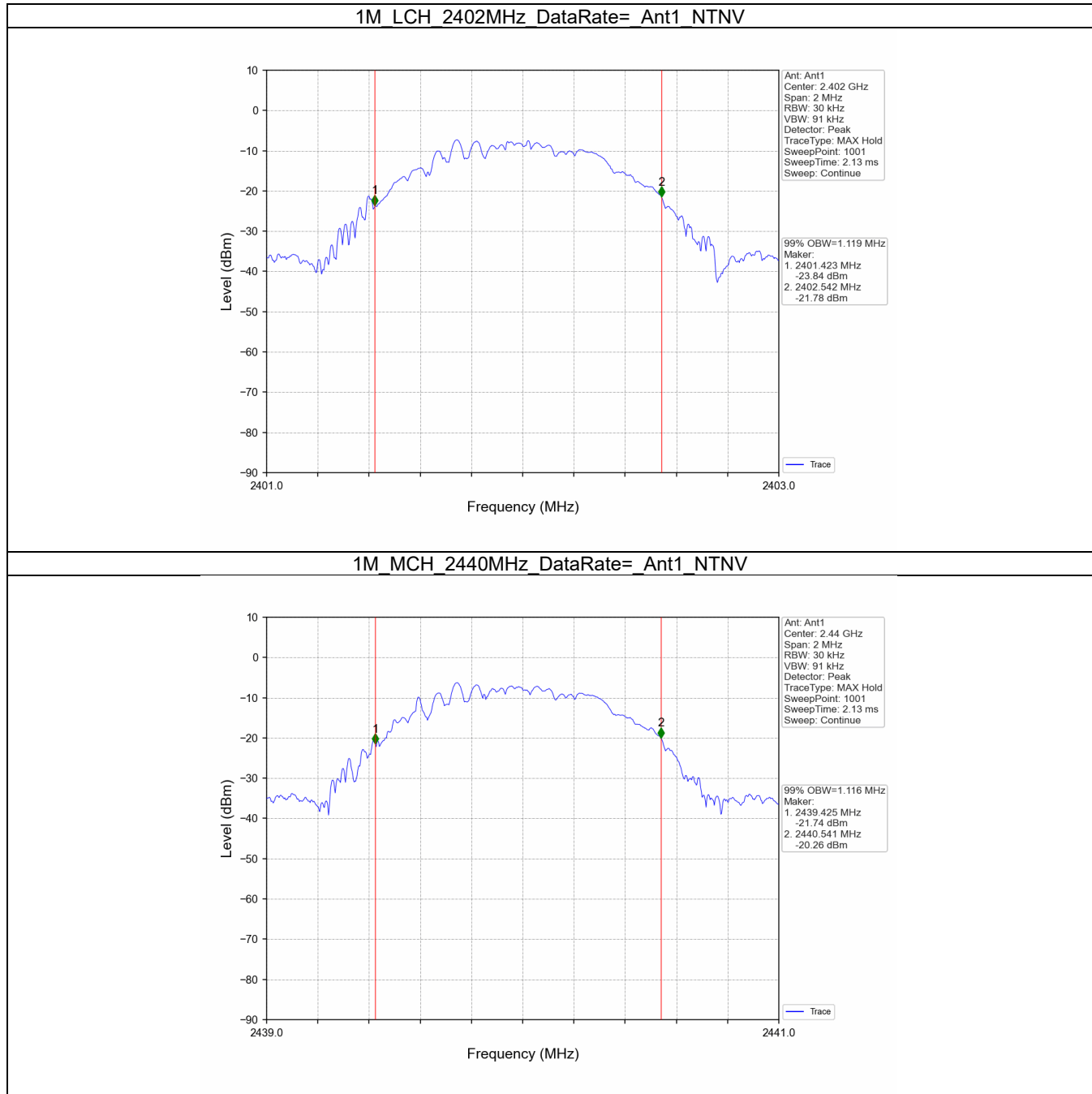
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## 2.1.2 Test Graph

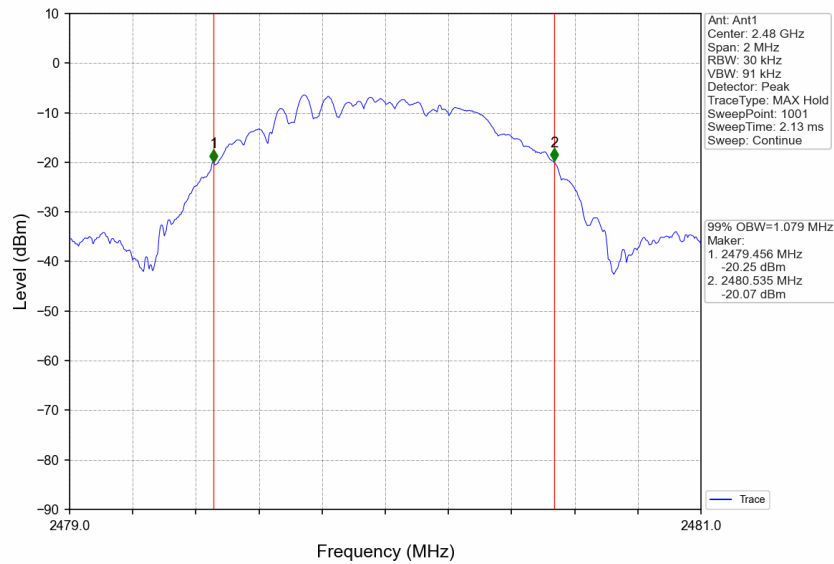


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## 2.2 6dB BW

## 2.2.1 Test Result

Mode	TX Type	Frequency (MHz)	Ant	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
1M	SISO	2402	1	0.812	$\geq 0.5$	Pass
		2440	1	0.779	$\geq 0.5$	Pass
		2480	1	0.744	$\geq 0.5$	Pass



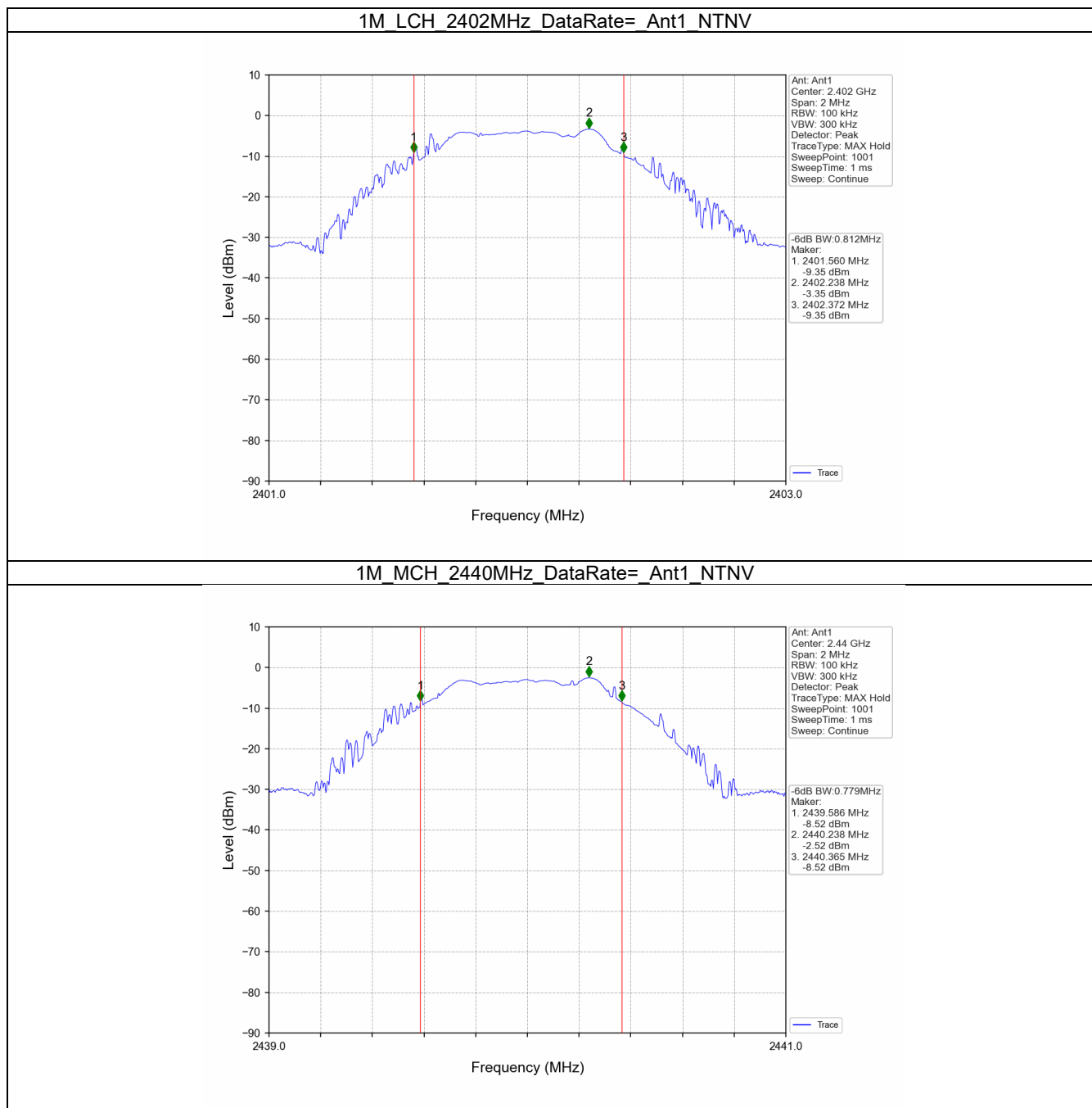
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## 2.2.2 Test Graph



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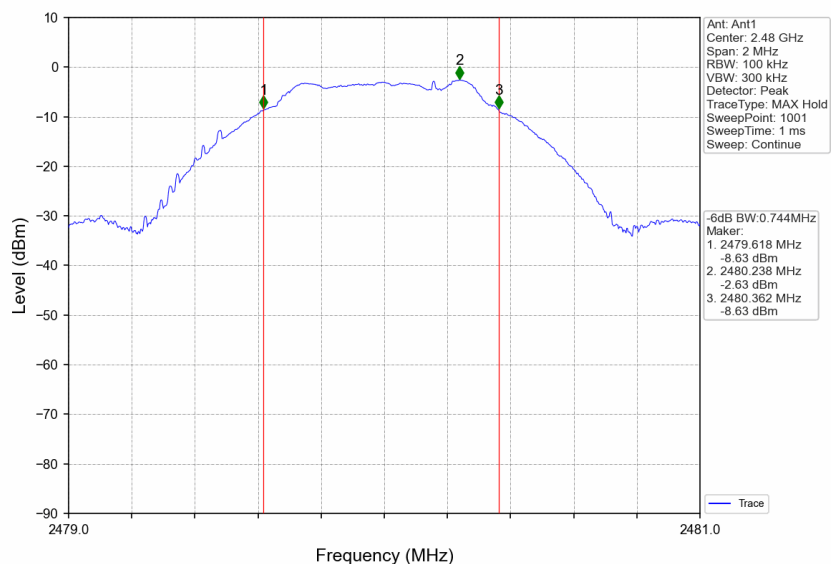
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### 3. Maximum Conducted Output Power

#### 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	-2.59	<=30	Pass
		2440	-1.73	<=30	Pass
		2480	-1.82	<=30	Pass

Note1: Antenna Gain: Ant1: -3.20dBi;



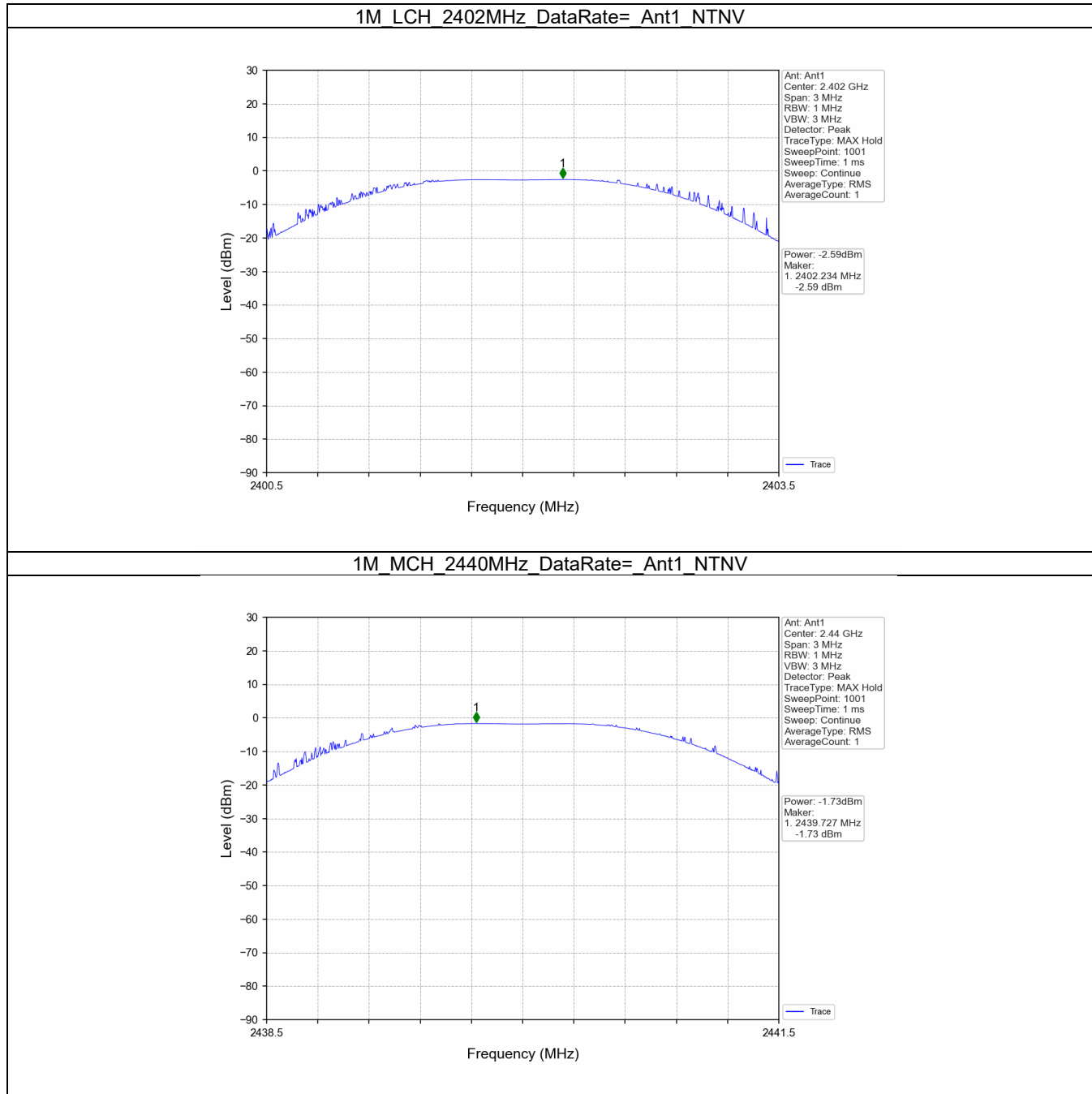
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## 3.1.2 Test Graph

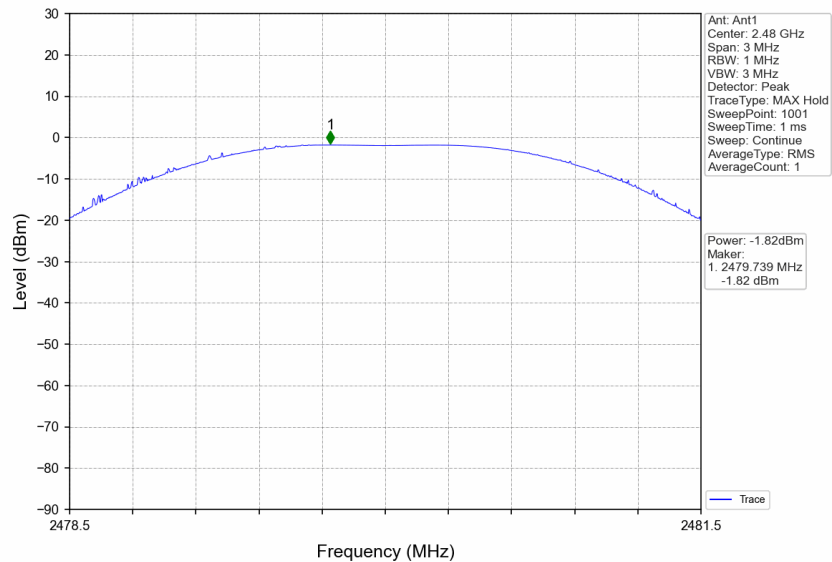


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## 4. Maximum Power Spectral Density

### 4.1 PSD

#### 4.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/3kHz)		Verdict
			Ant1	Limit	
1M	SISO	2402	-19.16	<=8	Pass
		2440	-18.16	<=8	Pass
		2480	-18.37	<=8	Pass

Note1: Antenna Gain: Ant1: -3.20dBi;



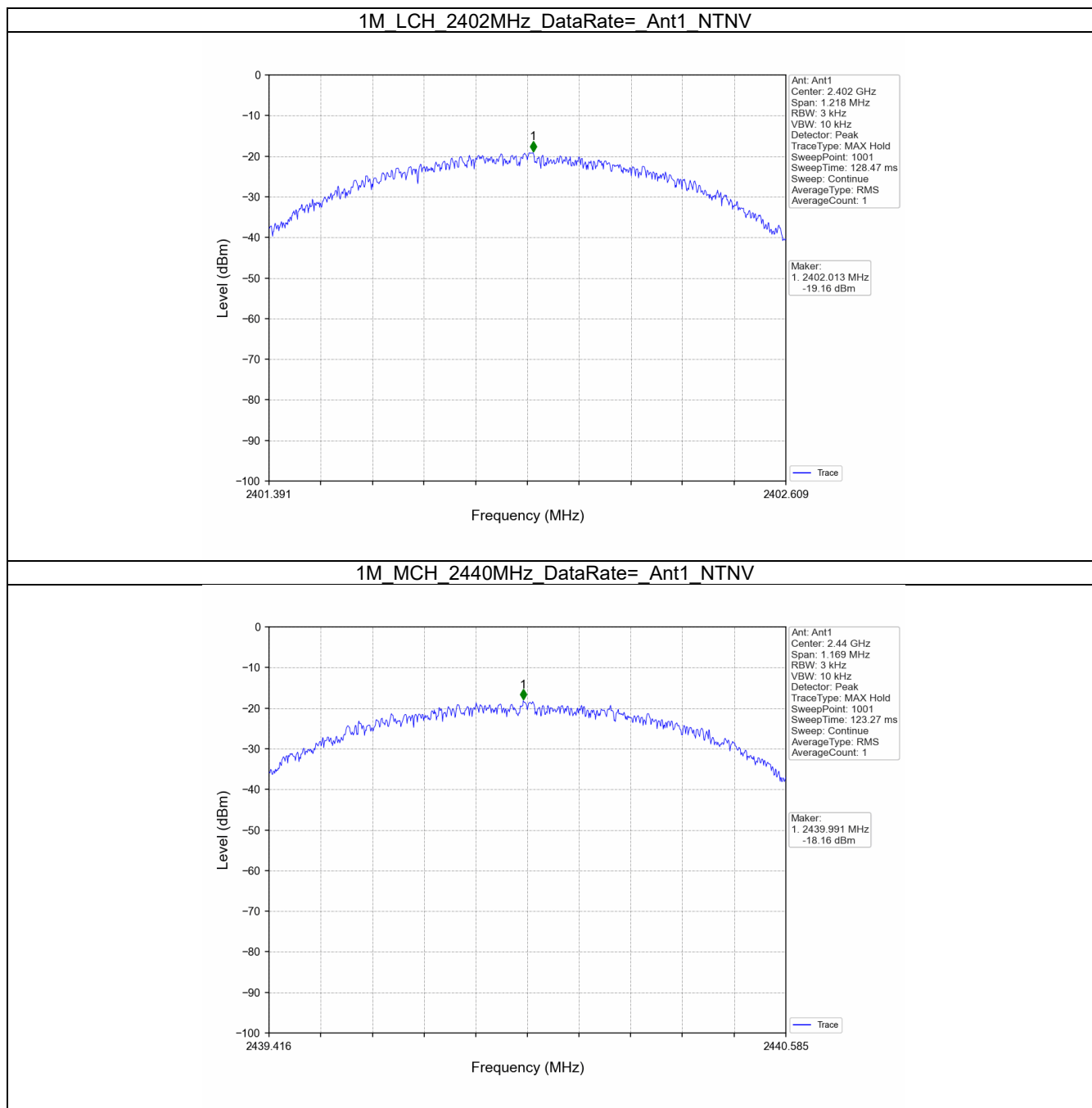
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## 4.1.2 Test Graph



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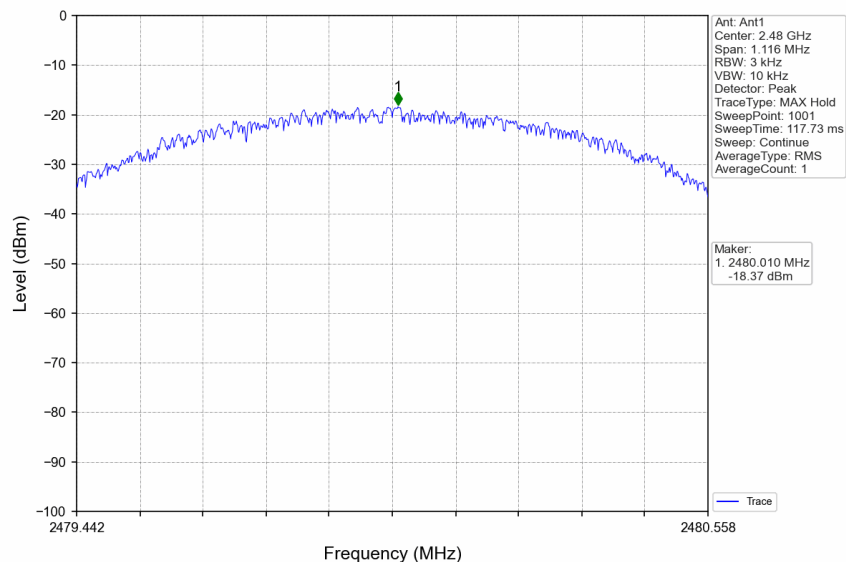
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## 5. Unwanted Emissions In Non-restricted Frequency Bands

### 5.1 Ref

#### 5.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Ant	Level of Reference (dBm)
1M	SISO	2402	1	-3.36
		2440	1	-2.53
		2480	1	-2.62

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.

Note2: RBW = 1MHz was used during the pre-test. The final test will be performed at RBW=100kHz while the margin is less than 3dB.



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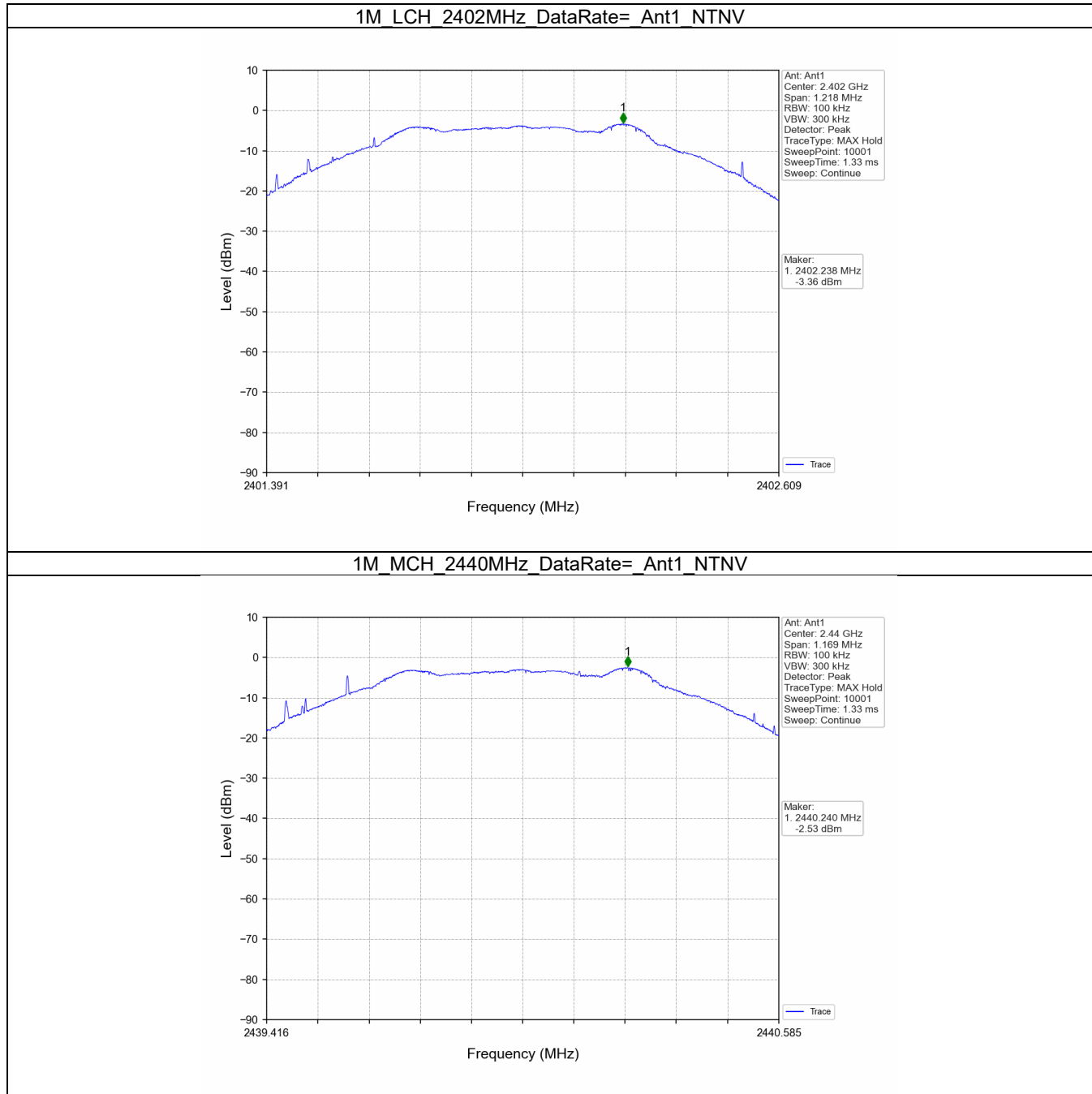
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## 5.1.2 Test Graph

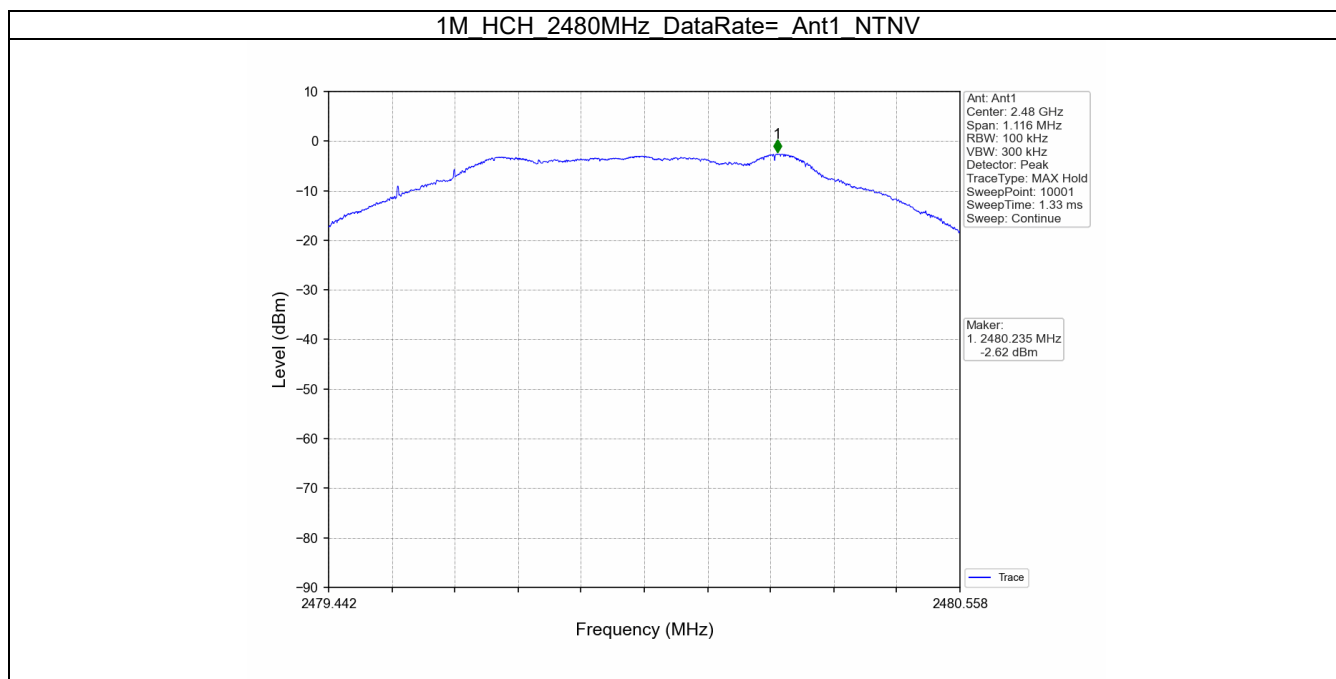


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## 5.2 CSE

### 5.2.1 Test Result

Mode	TX Type	Frequency (MHz)	Ant	Level of Reference (dBm)	Limit (dBm)	Verdict
1M	SISO	2402	1	-2.53	-22.53	Pass
		2440	1	-2.53	-22.53	Pass
		2480	1	-2.53	-22.53	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.  
 Note2: RBW = 1MHz was used during the pre-test. The final test will be performed at RBW=100kHz while the margin is less than 3dB.



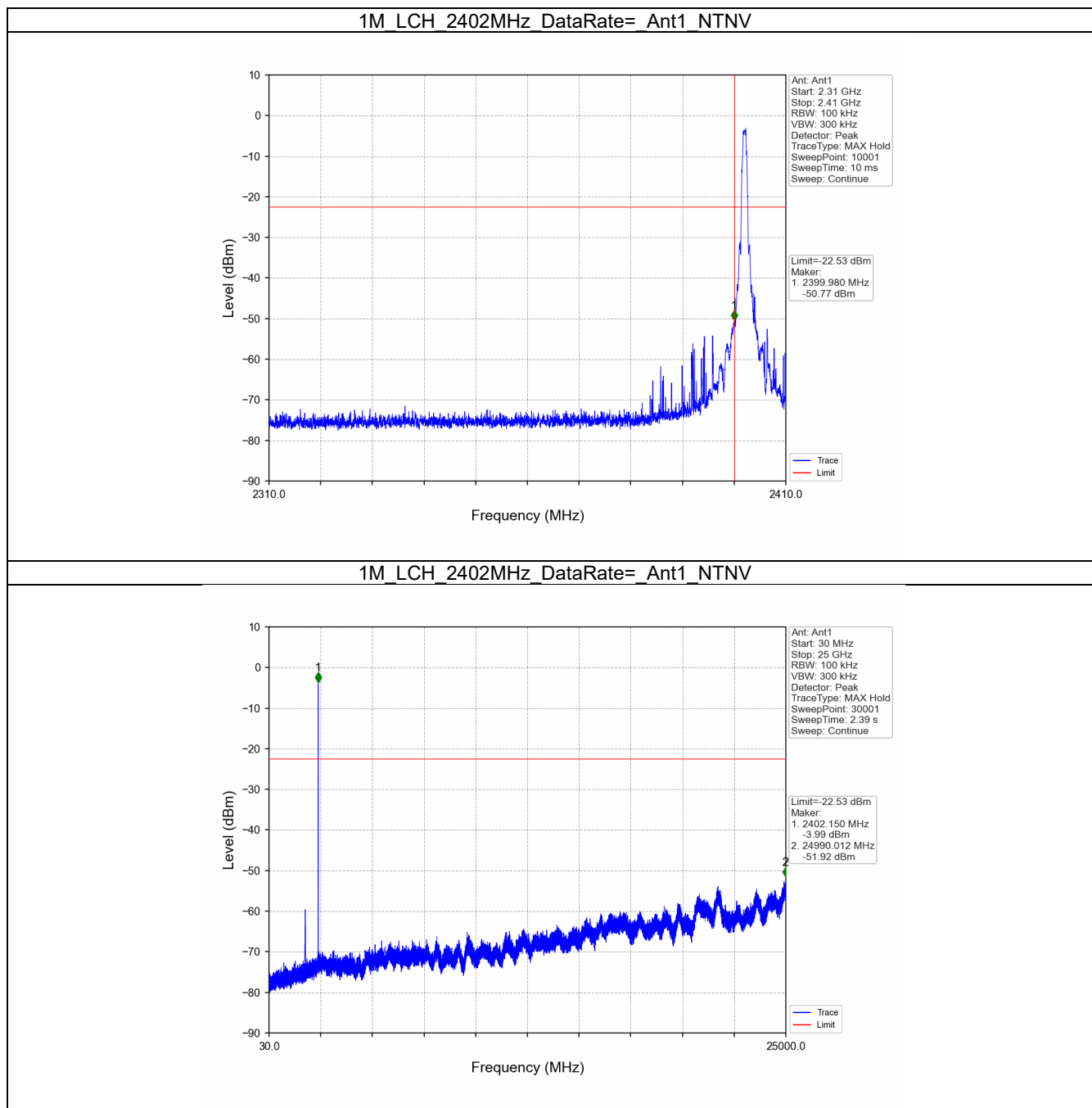
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## 5.2.2 Test Graph



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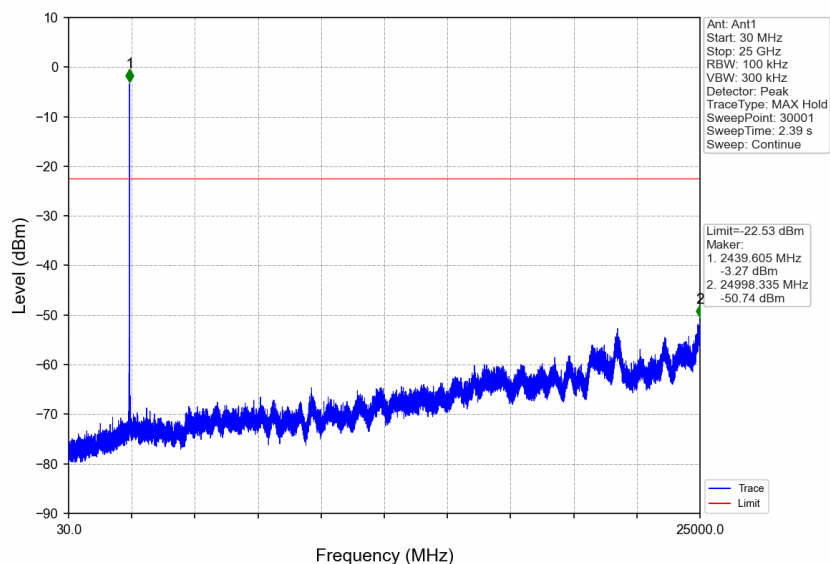
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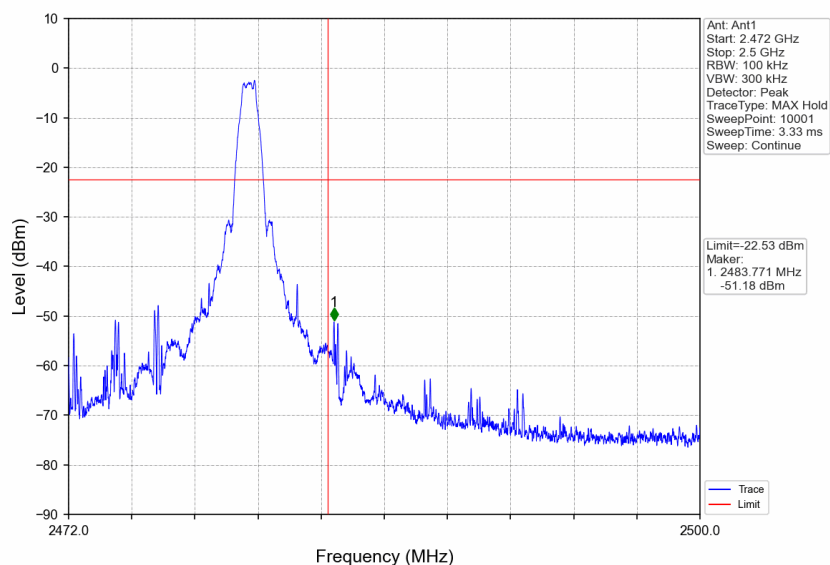
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## 1M\_MCH\_2440MHz\_DataRate= Ant1\_NTNV



## 1M\_HCH\_2480MHz\_DataRate= Ant1\_NTNV



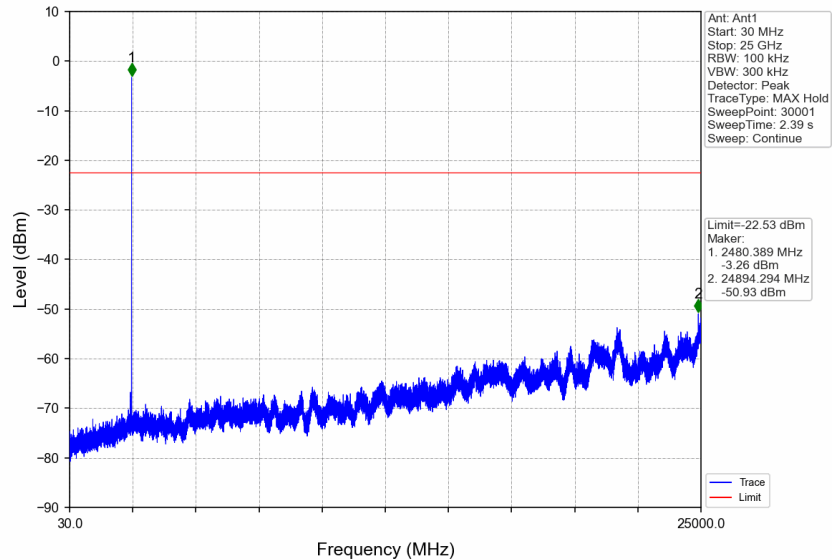
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