

## Appendix C for KSCR220600092403

## 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	0.403	0.625	64.48	1.91	0.00
		2440	0.385	0.625	61.60	2.10	0.00
		2480	0.384	0.625	61.44	2.12	0.00
2M	SISO	2402	0.222	0.625	35.52	4.50	0.02
		2440	0.200	0.625	32.00	4.95	0.00
		2480	0.200	0.625	32.00	4.95	0.03

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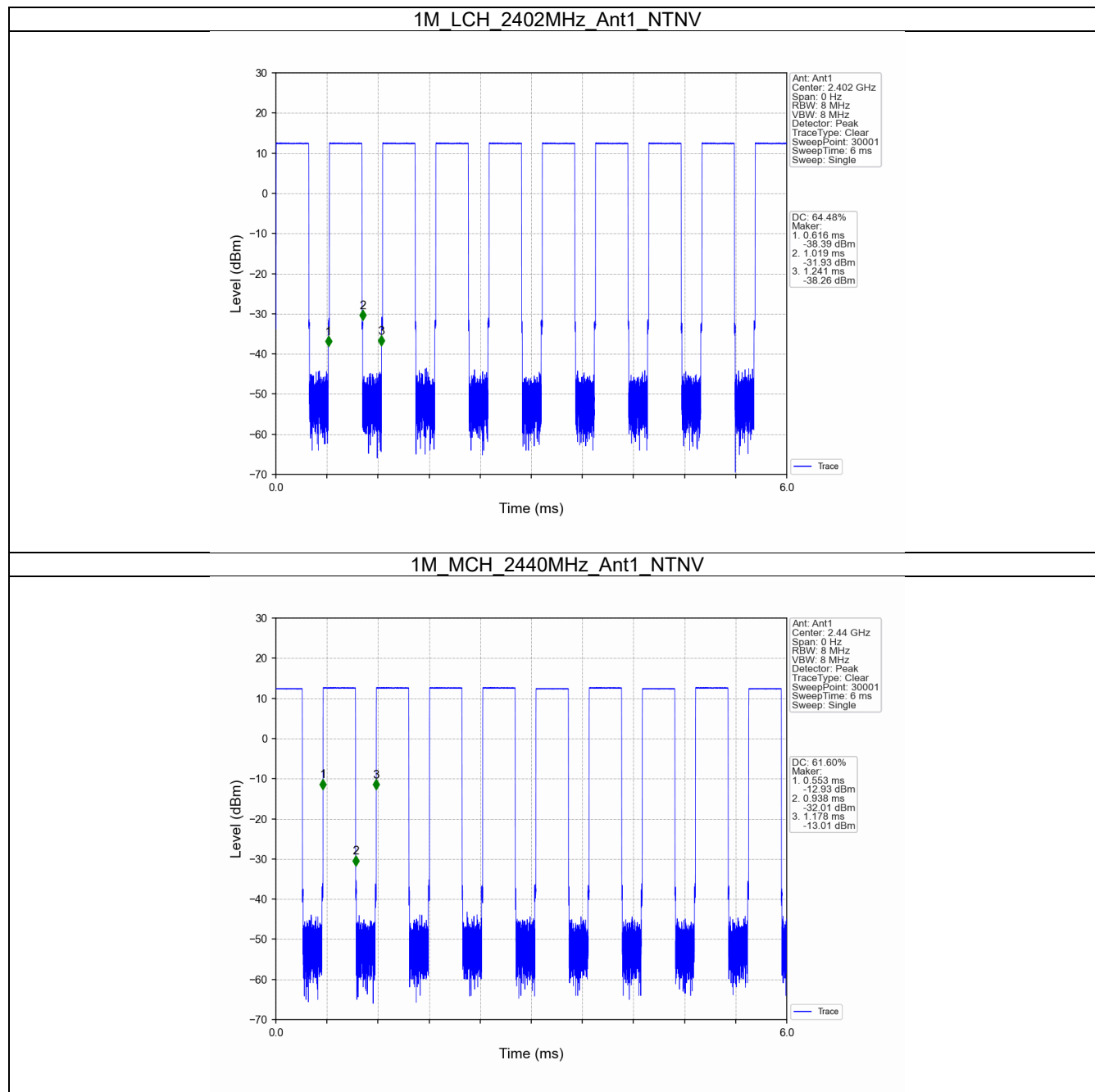
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### 1.1.2 Test Graph



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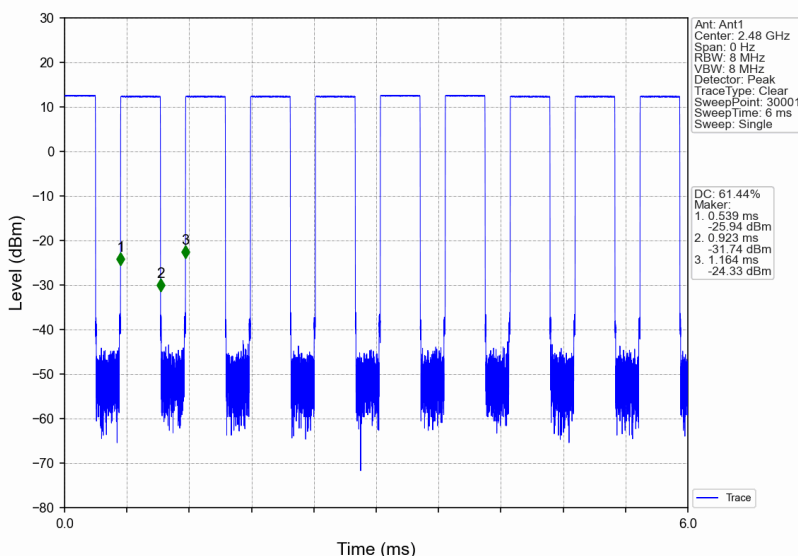
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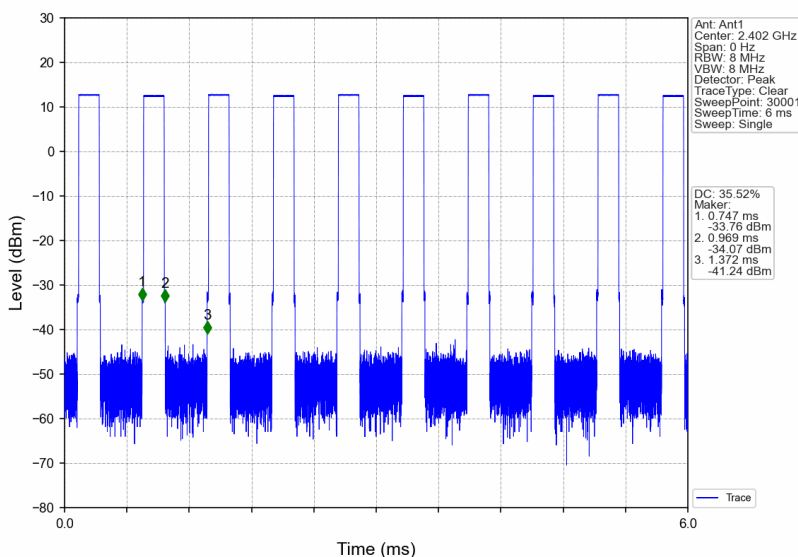
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2M\_LCH\_2402MHz\_Ant1\_NTNV



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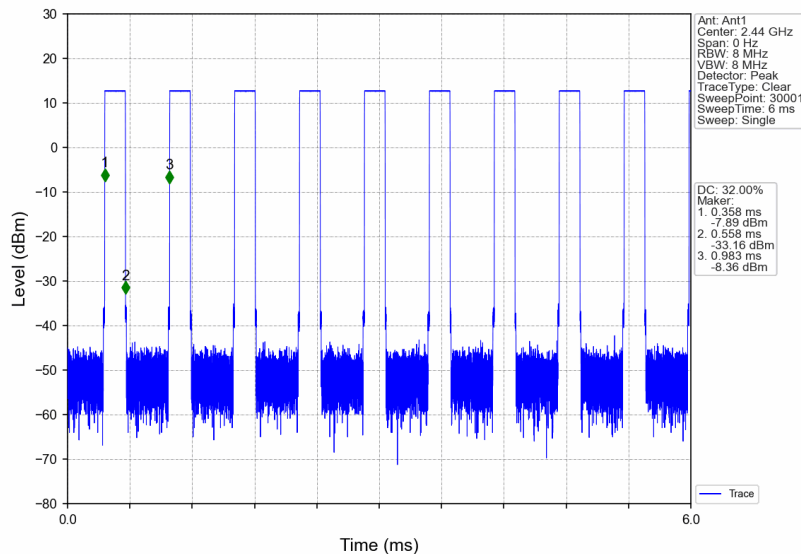
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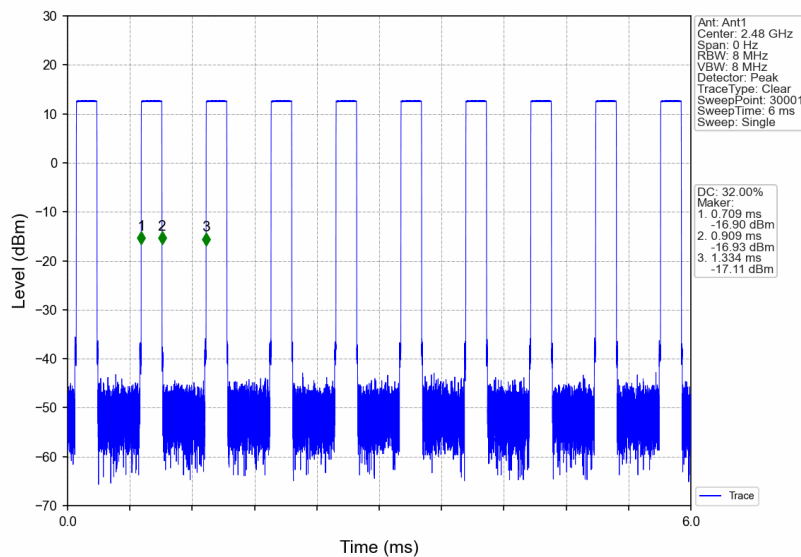
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## 2. Bandwidth

### 2.1 OBW

#### 2.1.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	99% Occupied Bandwidth (MHz)	Verdict
				Result	
1M	SISO	2402	1	1.041	Pass
		2440	1	1.041	Pass
		2480	1	1.042	Pass
2M	SISO	2402	1	2.080	Pass
		2440	1	2.080	Pass
		2480	1	2.082	Pass



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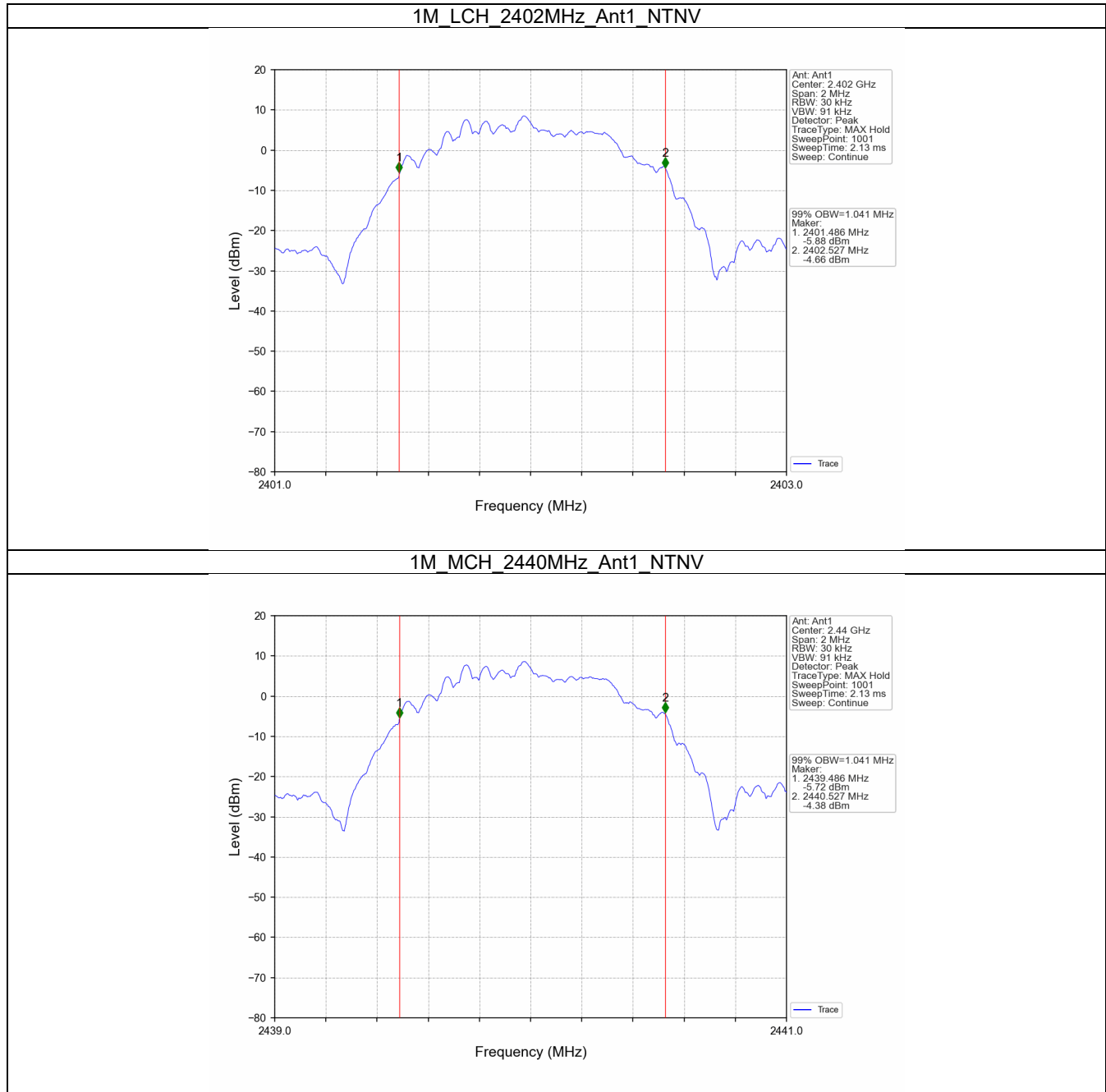
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### 2.1.2 Test Graph



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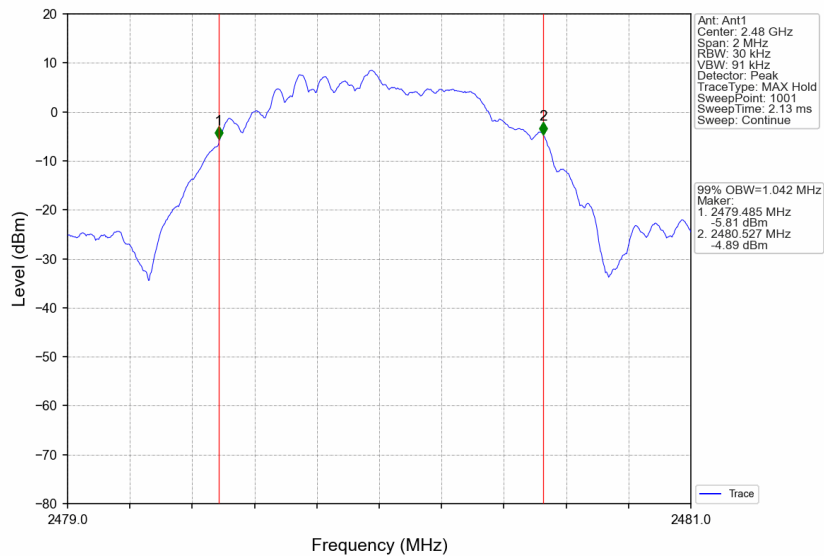
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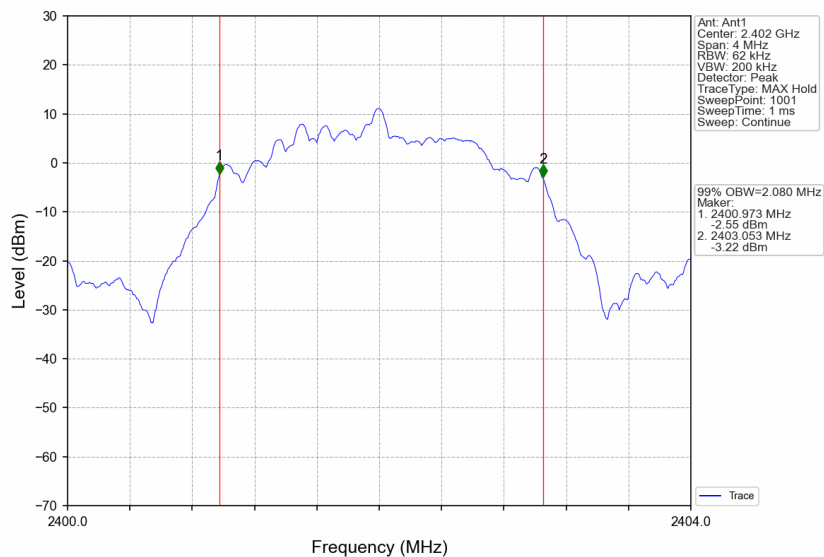
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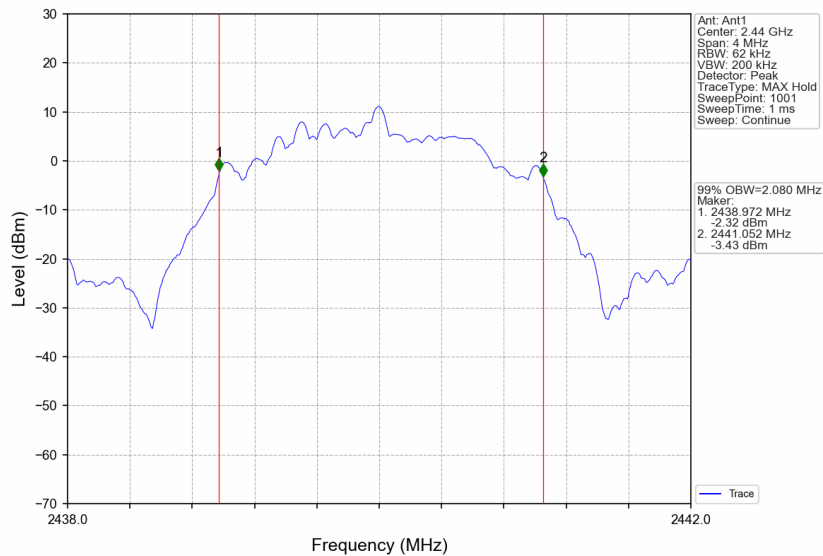
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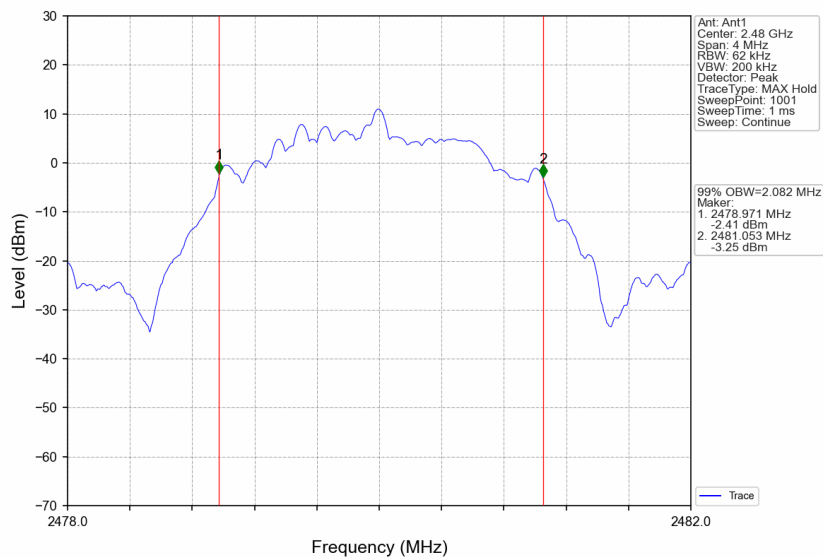
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## 2.2 6dB BW

## 2.2.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
1M	SISO	2402	1	0.669	$\geq 0.5$	Pass
		2440	1	0.676	$\geq 0.5$	Pass
		2480	1	0.677	$\geq 0.5$	Pass
2M	SISO	2402	1	1.163	$\geq 0.5$	Pass
		2440	1	1.170	$\geq 0.5$	Pass
		2480	1	1.172	$\geq 0.5$	Pass



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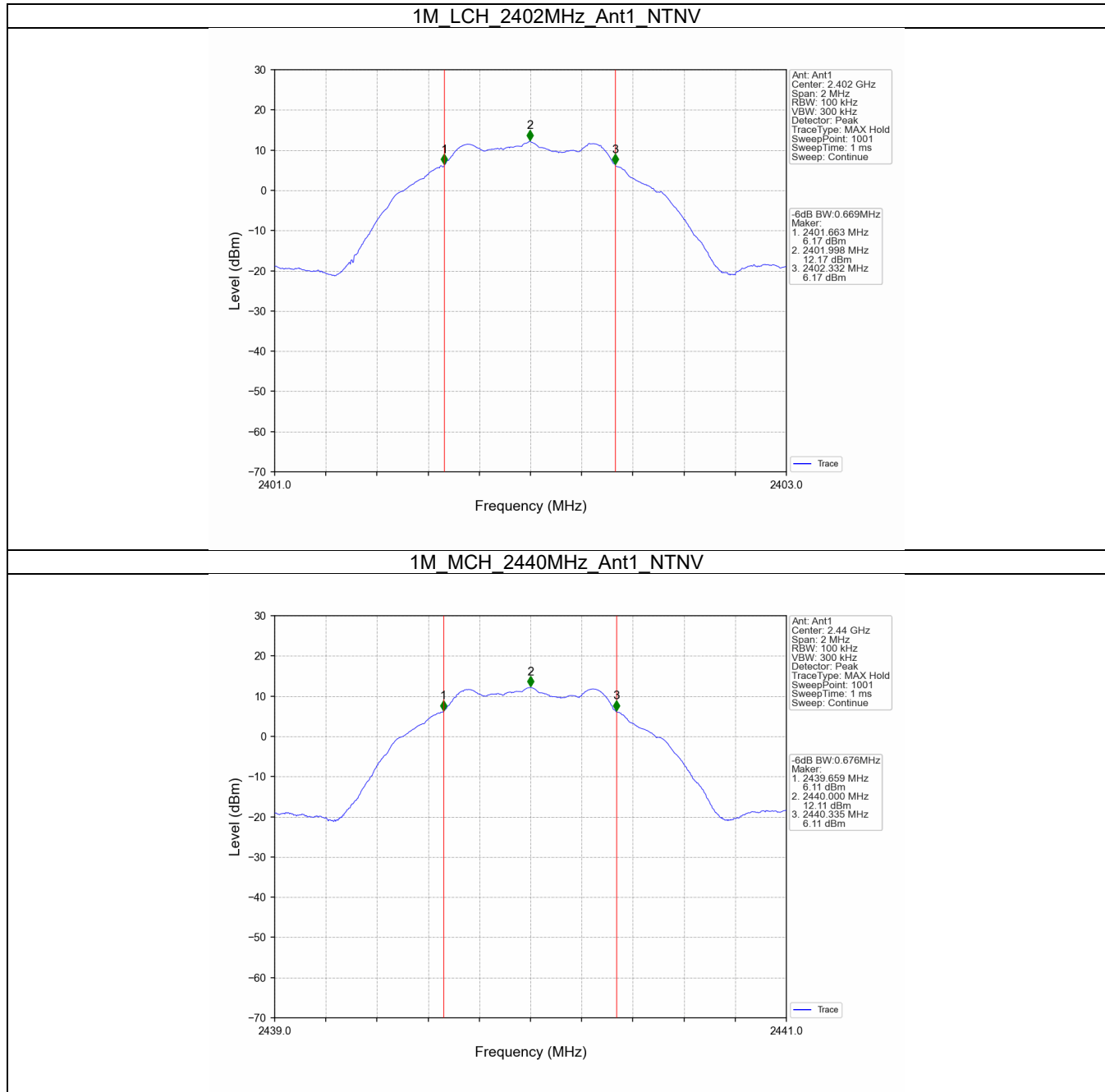
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### 2.2.2 Test Graph



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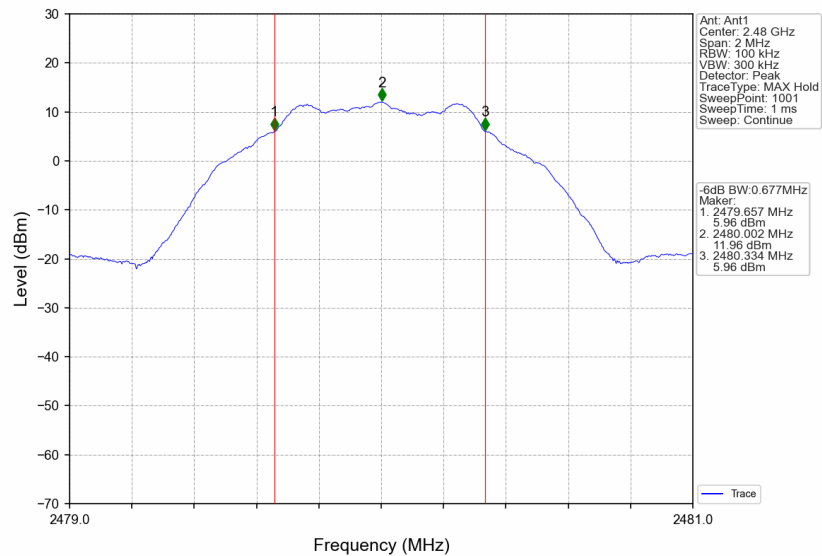
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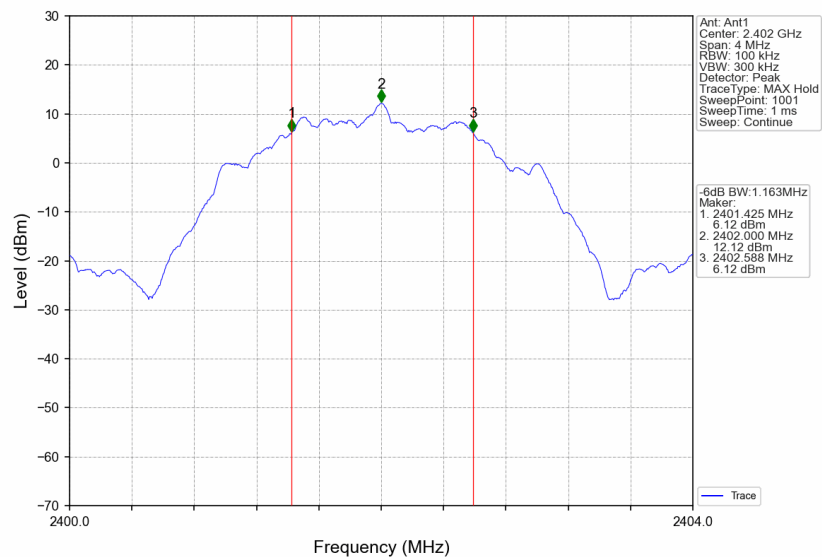
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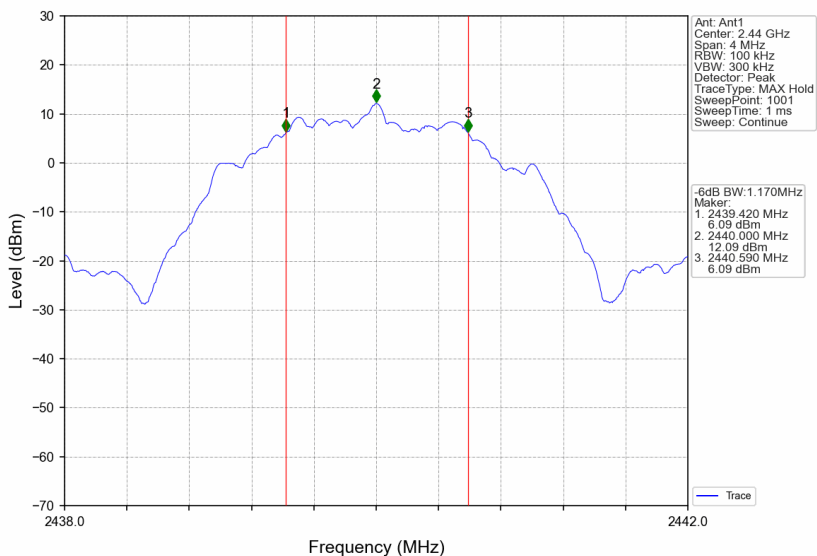
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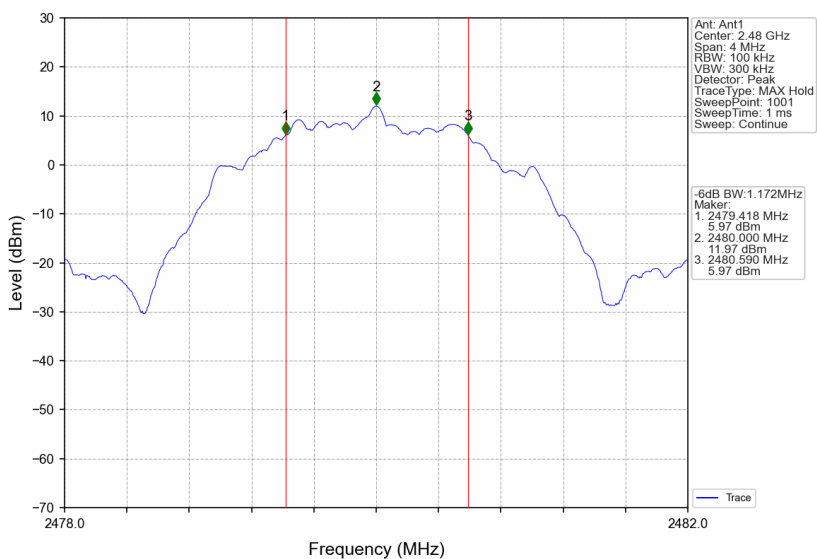
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## 3. Maximum Conducted Output Power

### 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	12.71	<=30	Pass
		2440	12.63	<=30	Pass
		2480	12.51	<=30	Pass
2M	SISO	2402	12.76	<=30	Pass
		2440	12.69	<=30	Pass
		2480	12.59	<=30	Pass

Note1: Antenna Gain: Ant1: 0.37dBi;



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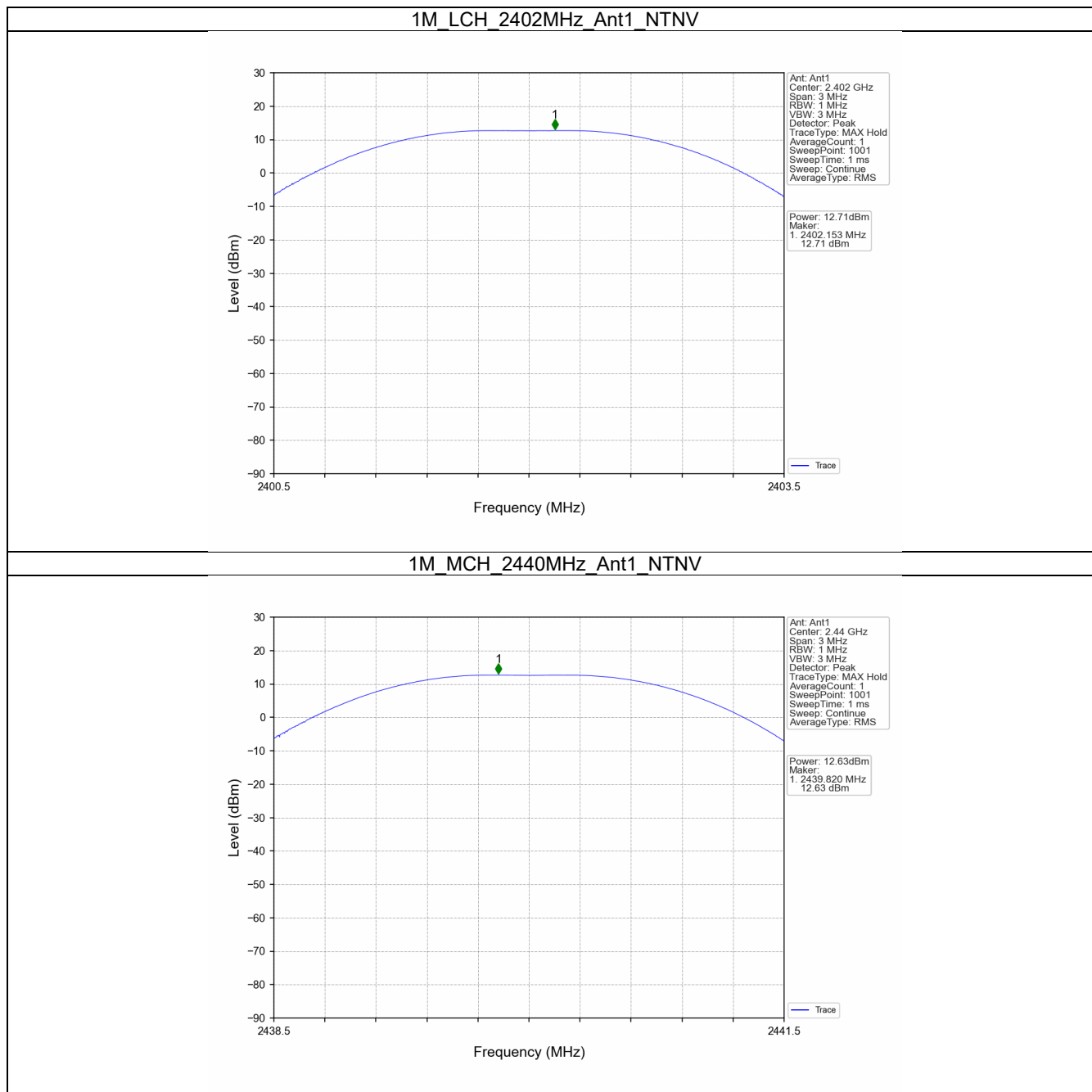
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### 3.1.2 Test Graph



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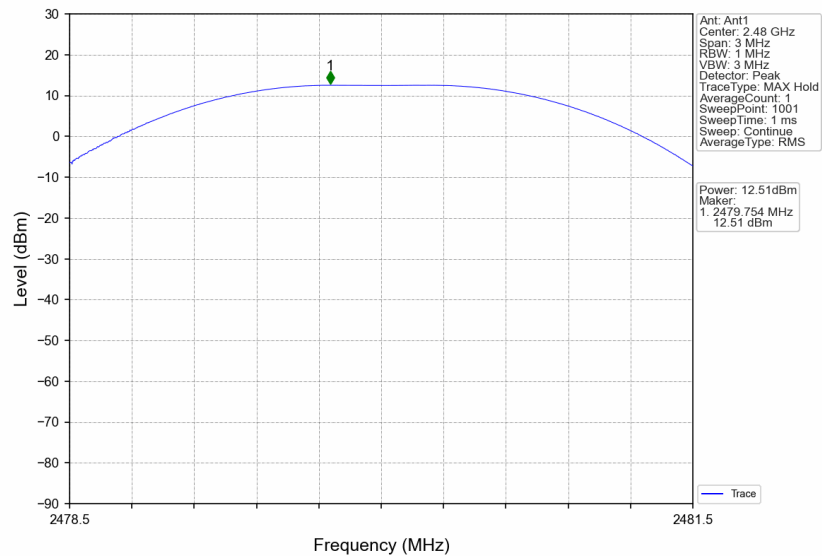
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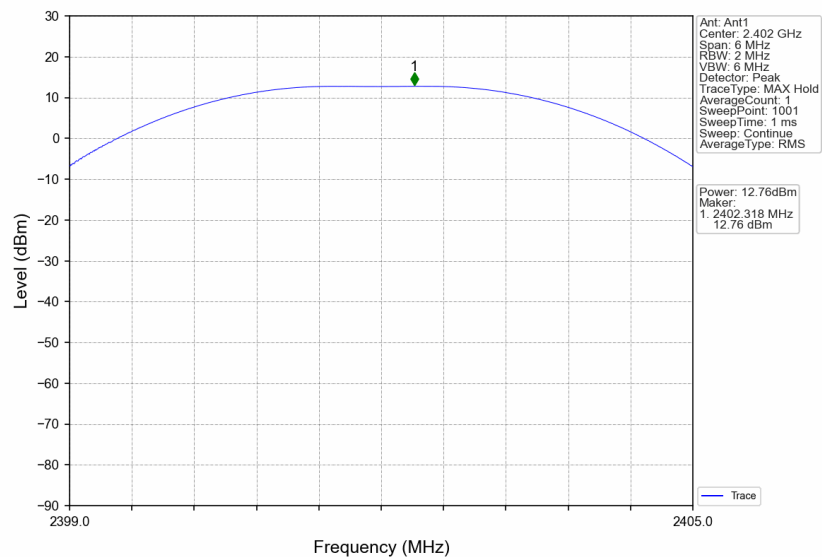
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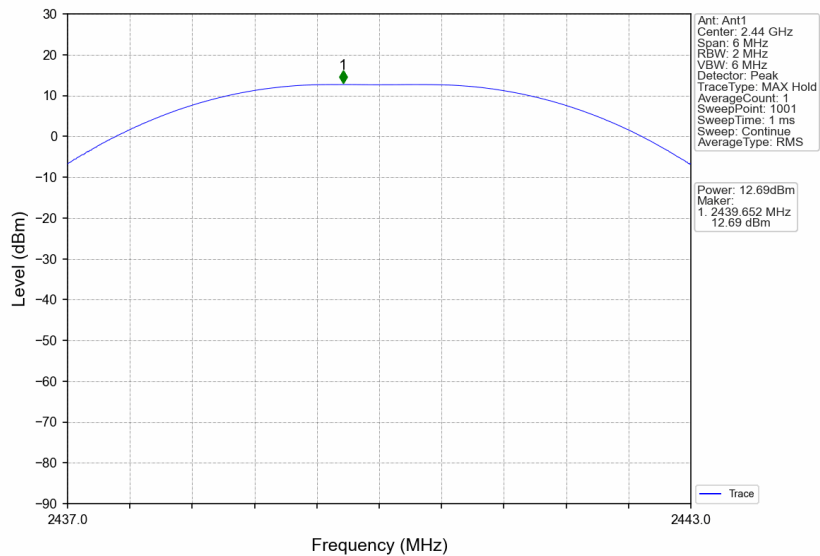
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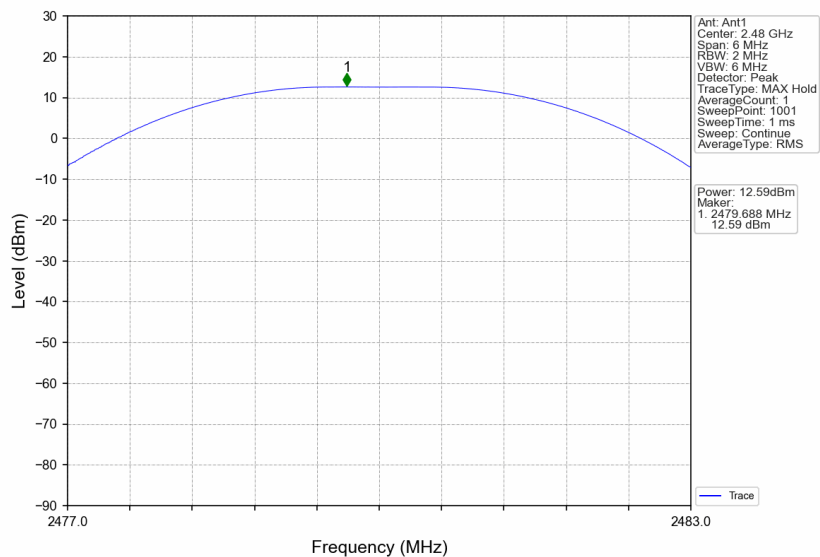
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## 4. Maximum Power Spectral Density

## 4.1 PSD

## 4.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/3kHz)		Verdict
			ANT1	Limit	
1M	SISO	2402	-2.30	<=8	Pass
		2440	-2.20	<=8	Pass
		2480	-2.42	<=8	Pass
2M	SISO	2402	-4.62	<=8	Pass
		2440	-4.65	<=8	Pass
		2480	-4.78	<=8	Pass

Note1: Antenna Gain: Ant1: 0.37dBi;



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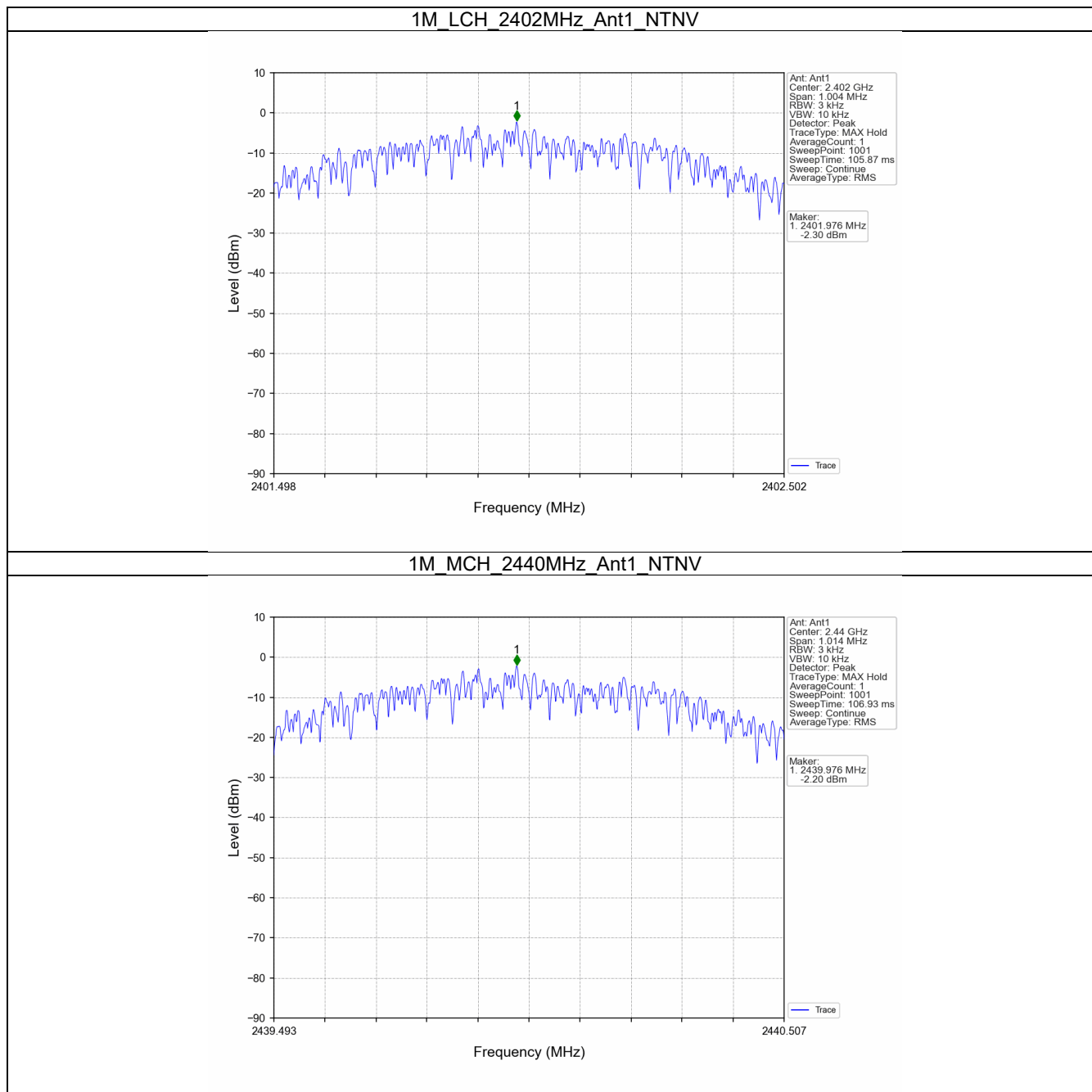
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### 4.1.2 Test Graph



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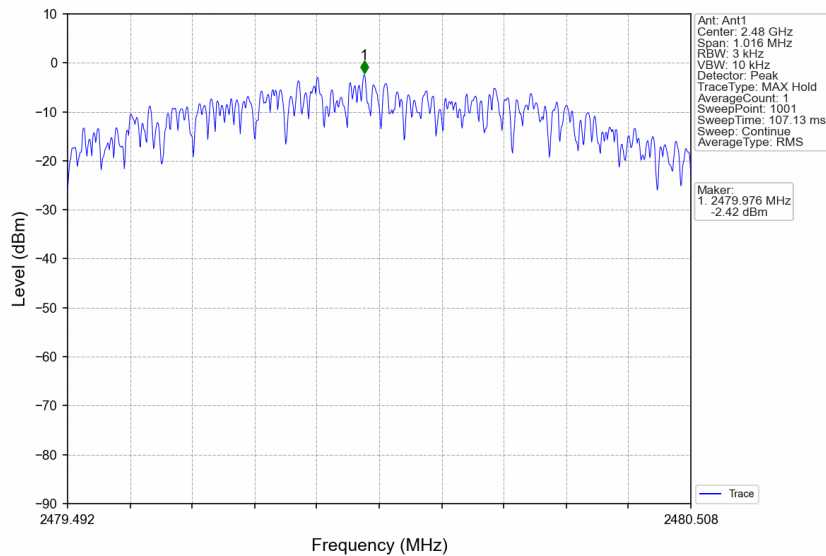
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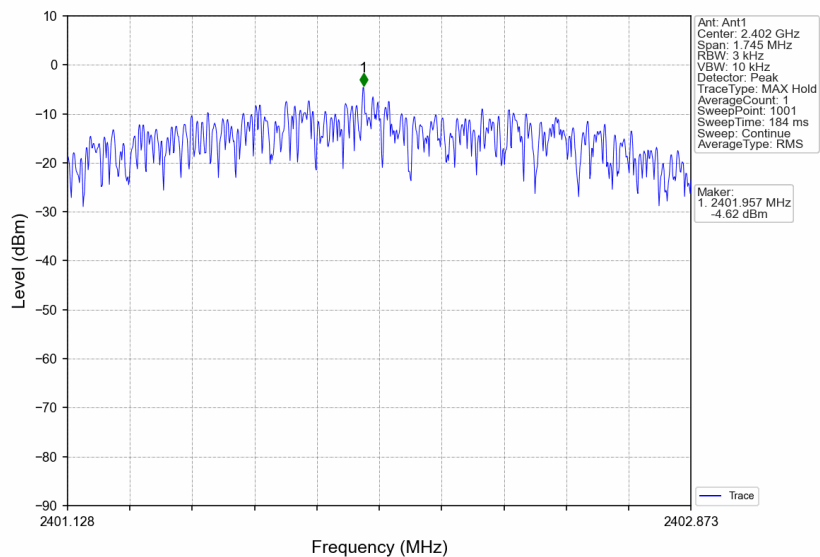
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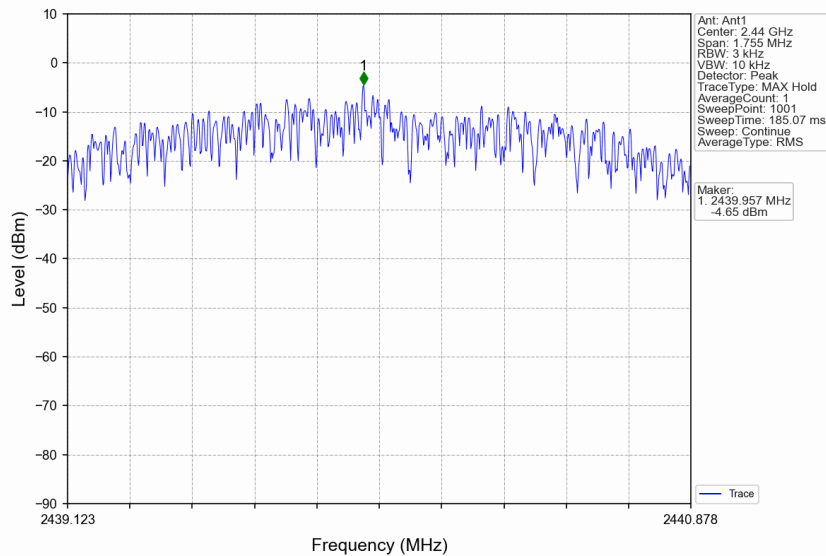
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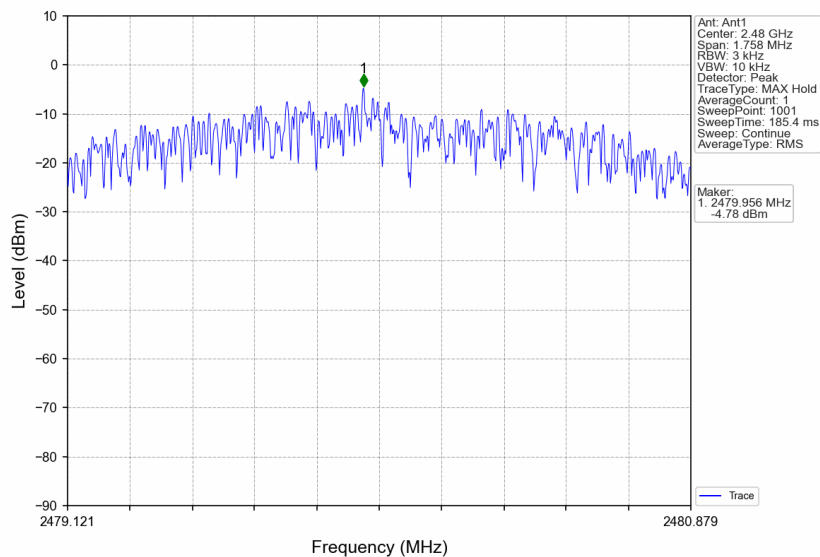
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## 5. Unwanted Emissions In Non-restricted Frequency Bands

## 5.1 Ref

## 5.1.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)
1M	SISO	2402	1	11.93
		2440	1	12.10
		2480	1	11.95
2M	SISO	2402	1	12.10
		2440	1	12.08
		2480	1	11.95

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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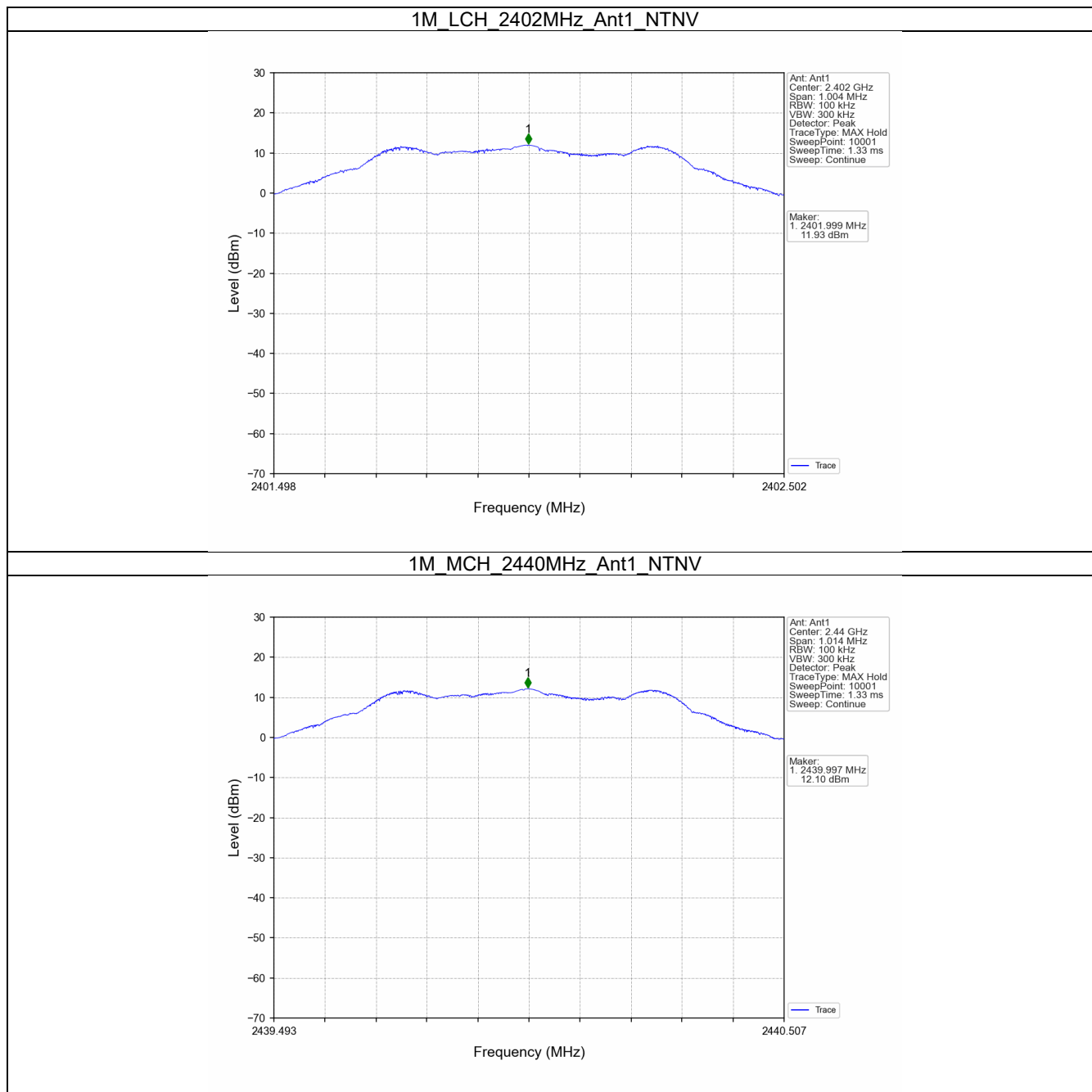
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### 5.1.2 Test Graph



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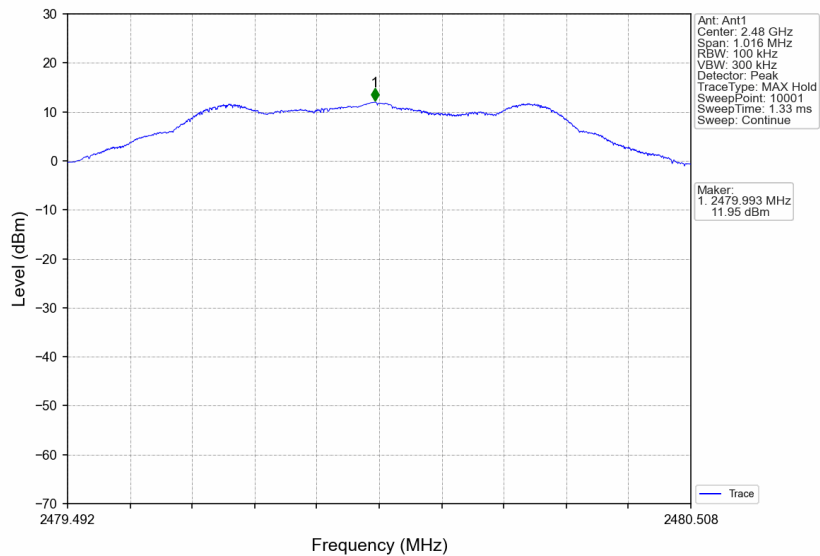
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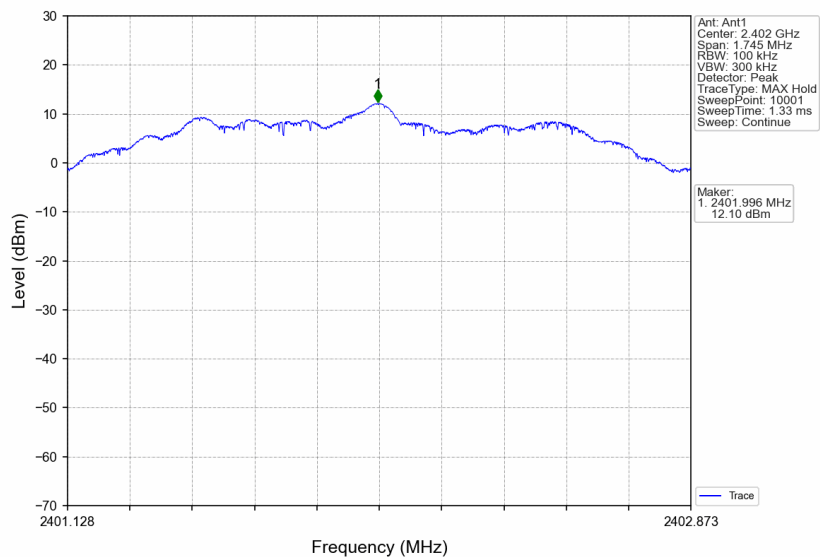
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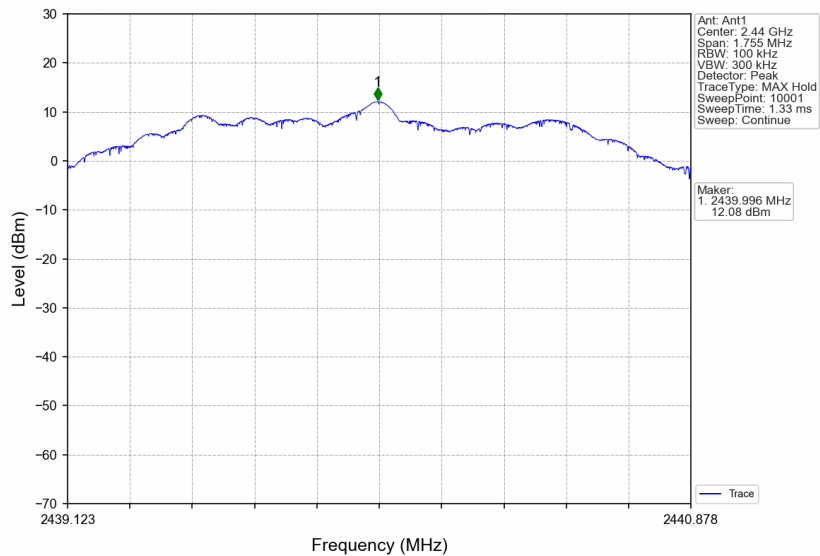
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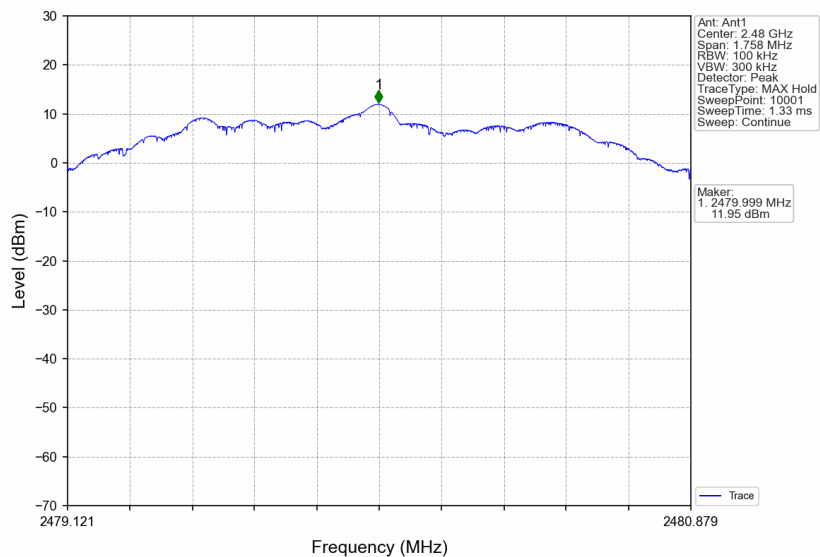
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## 5.2 CSE

### 5.2.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
1M	SISO	2402	1	12.10	-7.90	Pass
		2440	1	12.10	-7.90	Pass
		2480	1	12.10	-7.90	Pass
2M	SISO	2402	1	12.10	-7.90	Pass
		2440	1	12.10	-7.90	Pass
		2480	1	12.10	-7.90	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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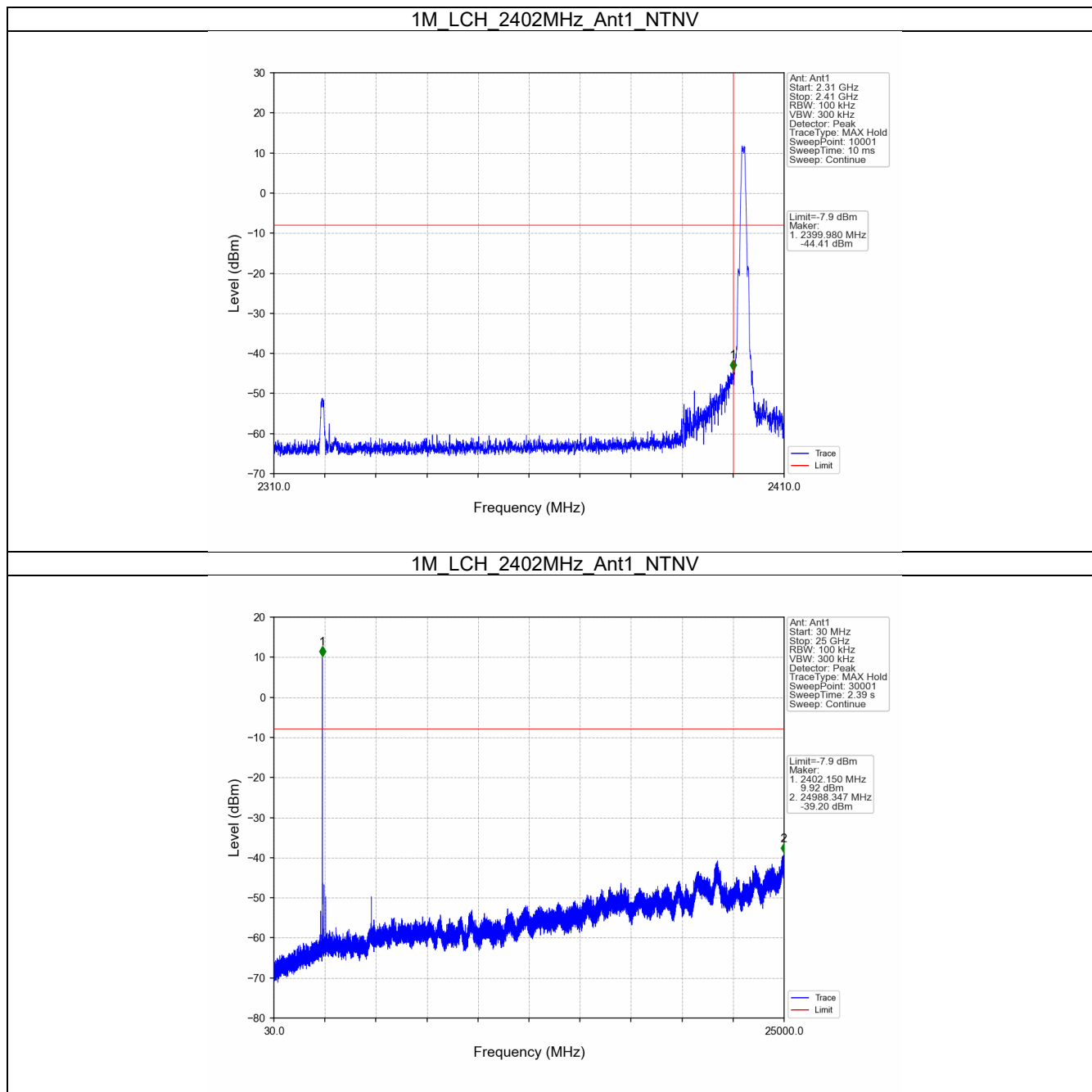
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### 5.2.2 Test Graph



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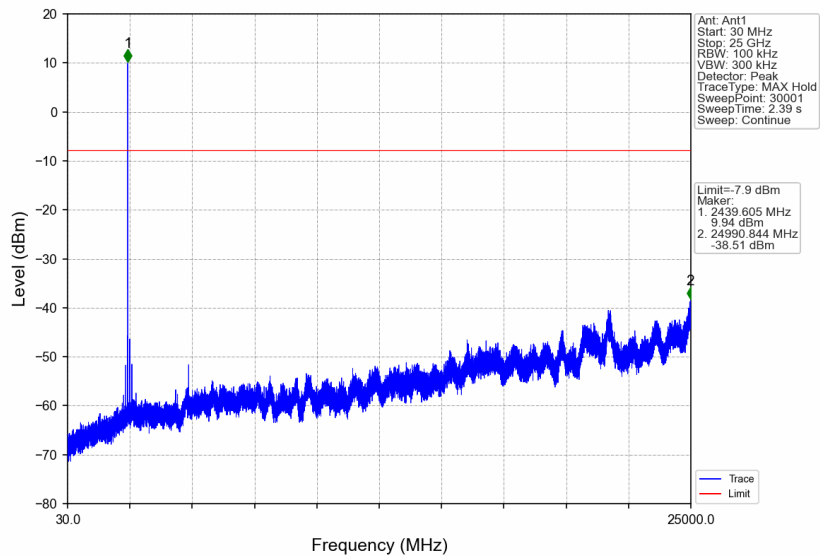
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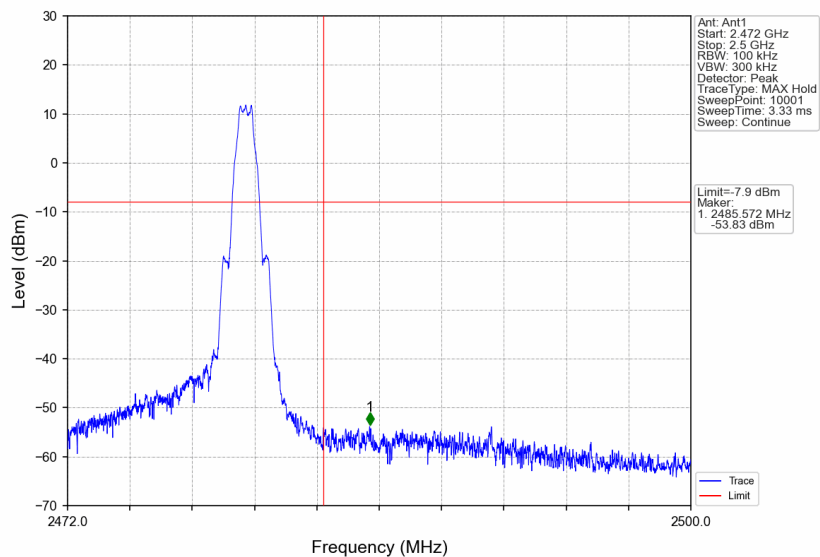
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1M\_HCH\_2480MHz\_Ant1\_NTNV



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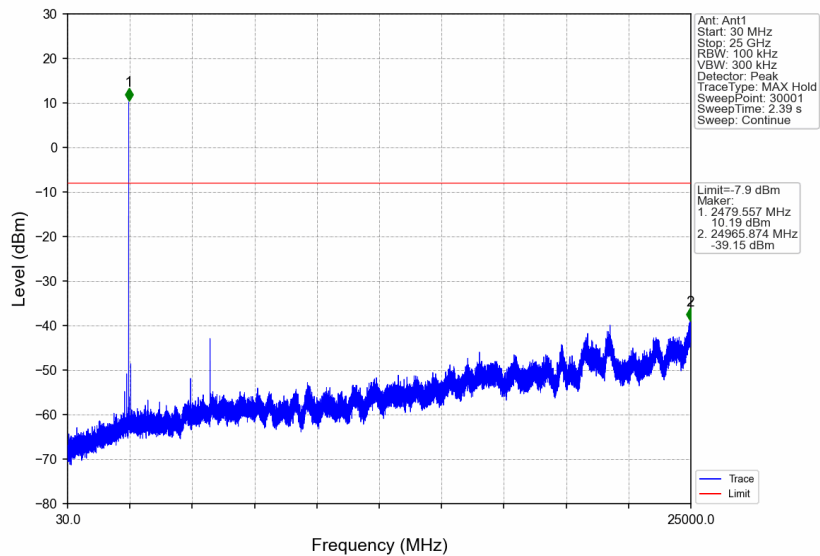
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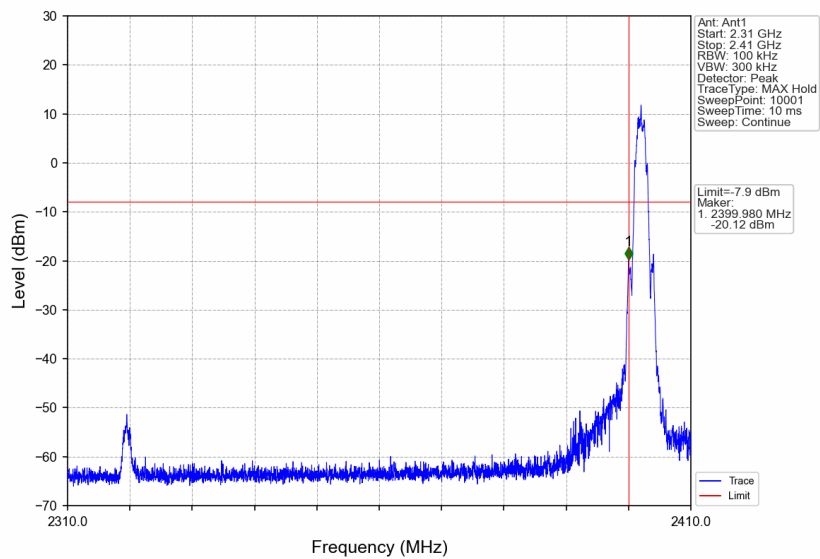
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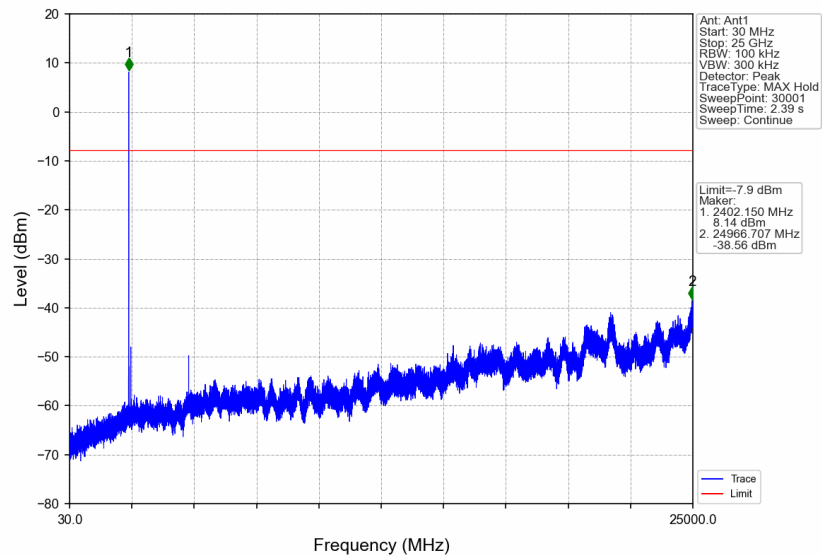
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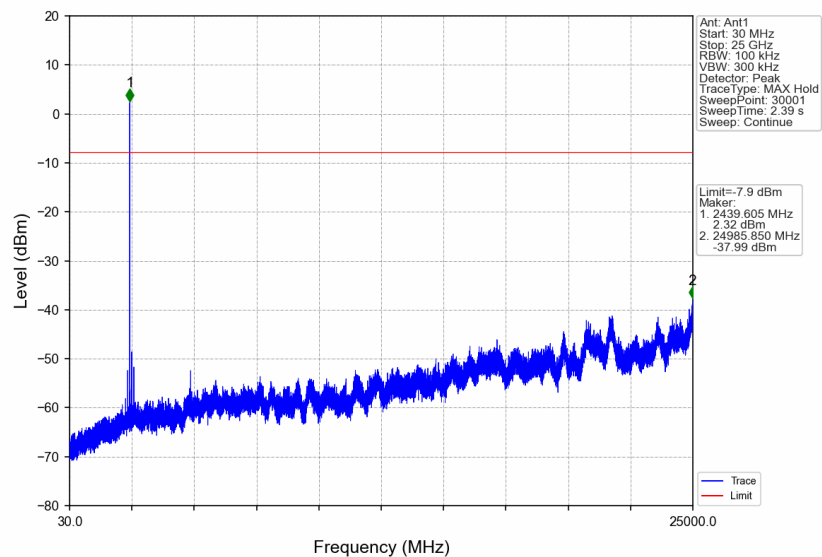
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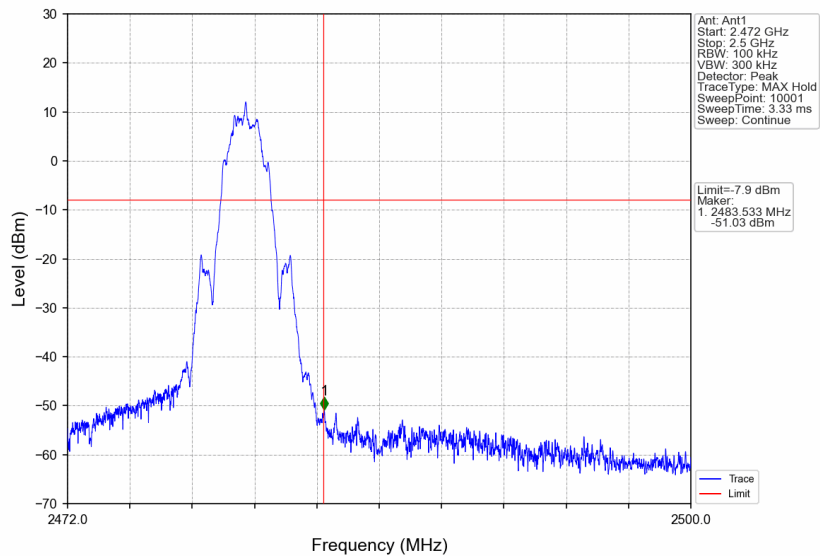
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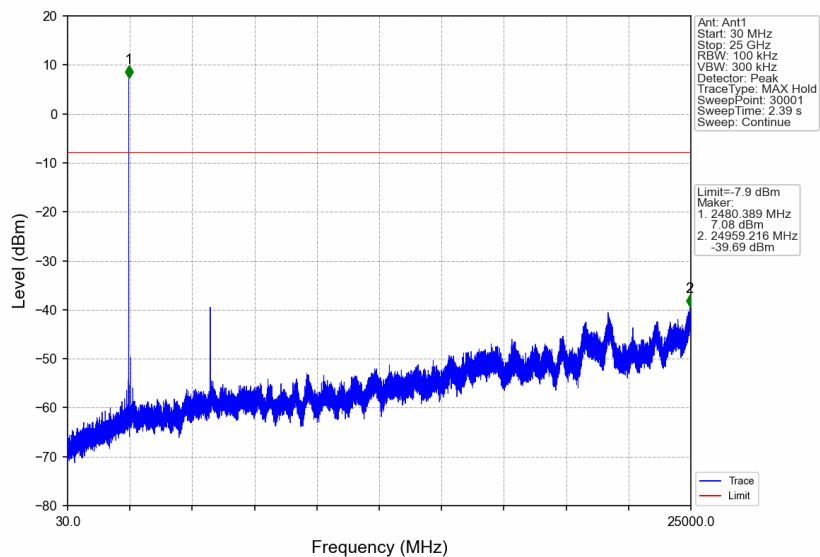
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