

Appendix C for KSCR220500075903-BLE

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	0.098	0.625	15.68	8.05	0.00
		2440	0.098	0.625	15.68	8.05	0.03
		2480	0.098	0.625	15.68	8.05	0.03



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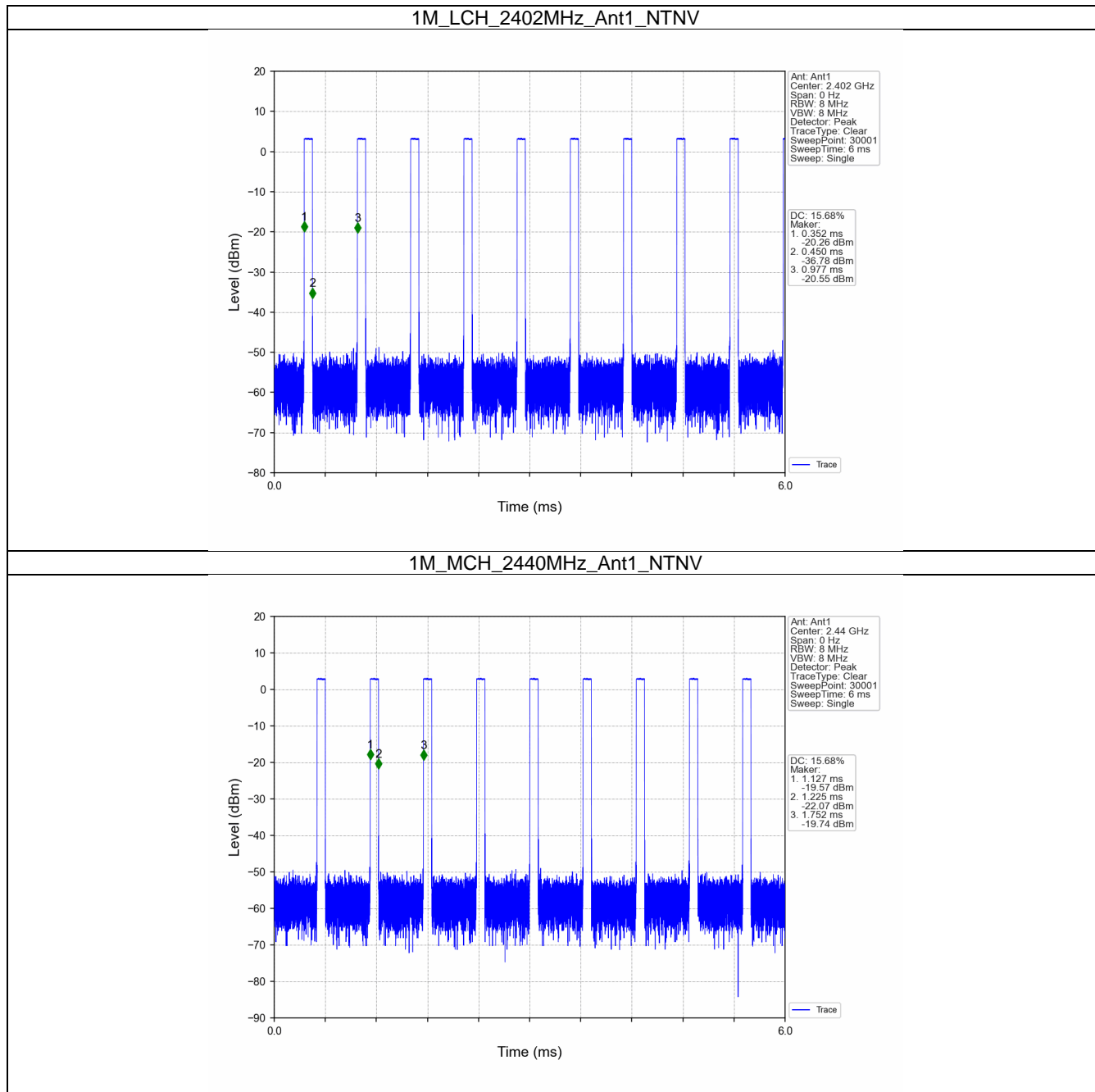
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1.1.2 Test Graph

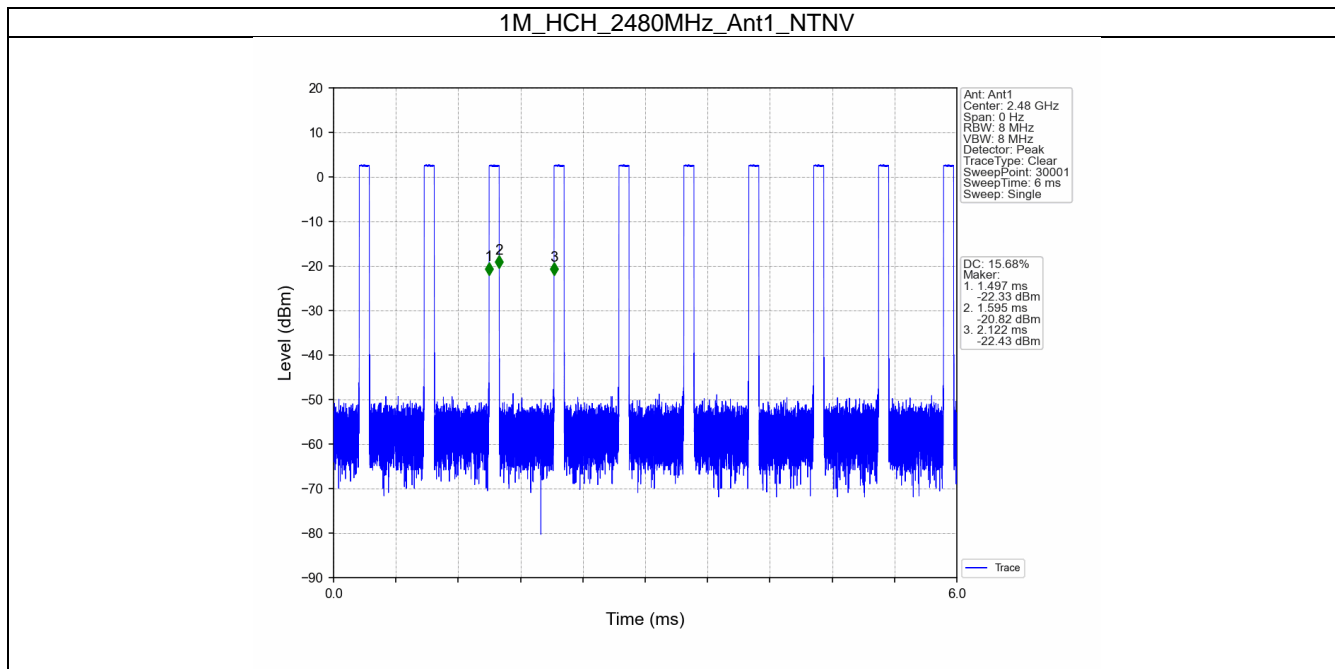


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2. Bandwidth

2.1 OBW

2.1.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	99% Occupied Bandwidth (MHz)	Verdict
				Result	
1M	SISO	2402	1	1.036	Pass
		2440	1	1.037	Pass
		2480	1	1.037	Pass



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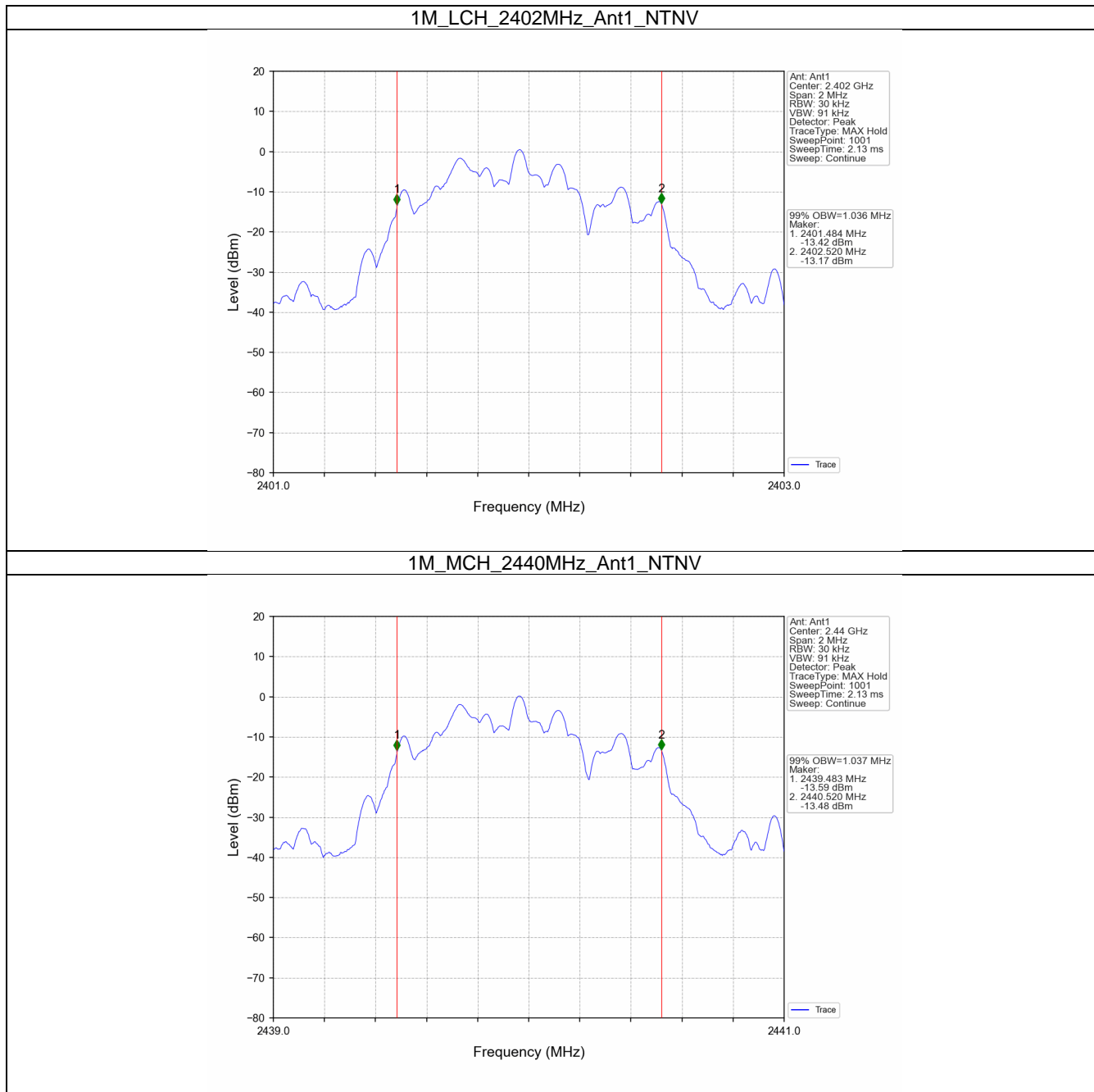
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2.1.2 Test Graph



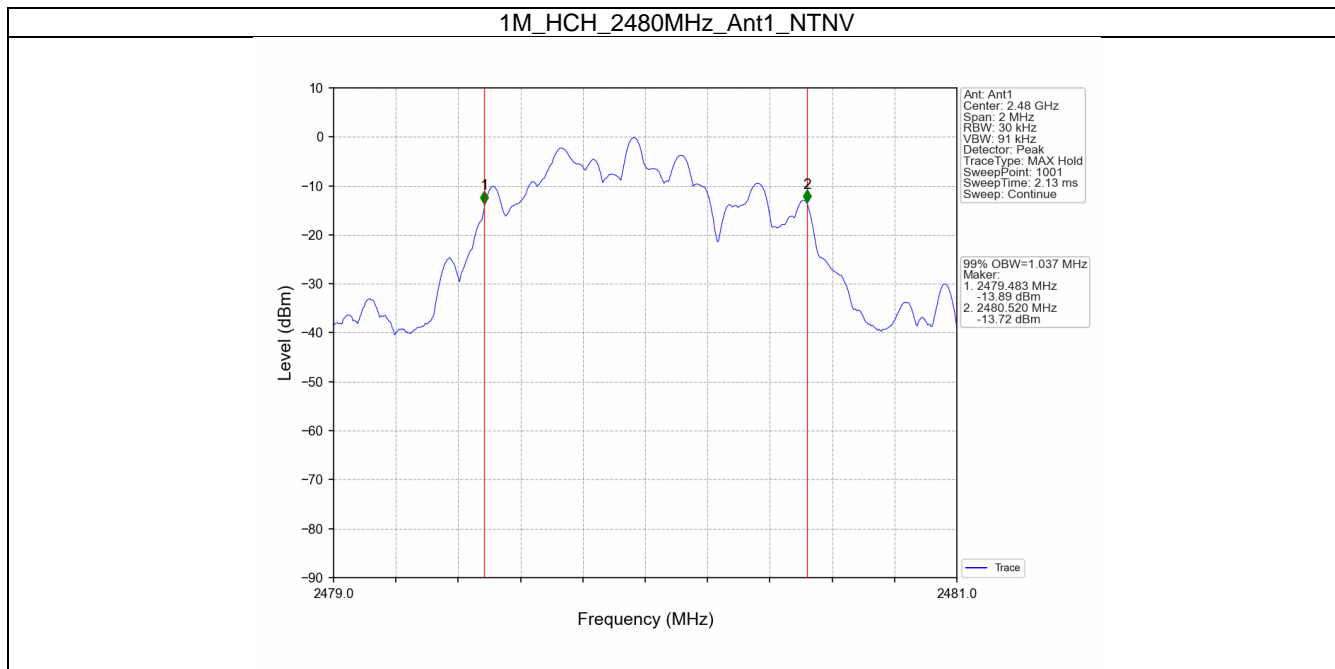
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2.2 6dB BW

2.2.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
1M	SISO	2402	1	0.541	>=0.5	Pass
		2440	1	0.547	>=0.5	Pass
		2480	1	0.548	>=0.5	Pass



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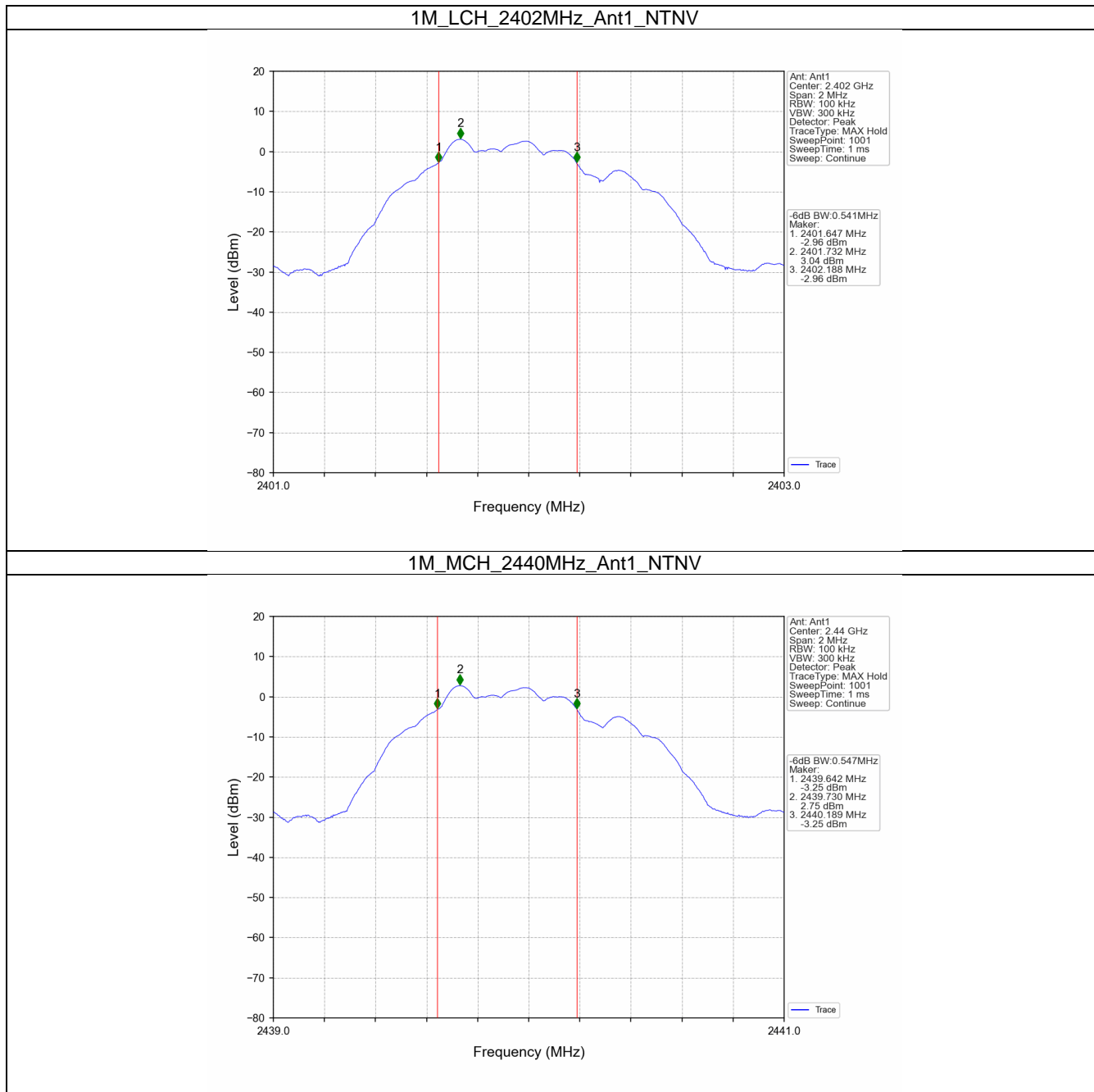
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2.2.2 Test Graph



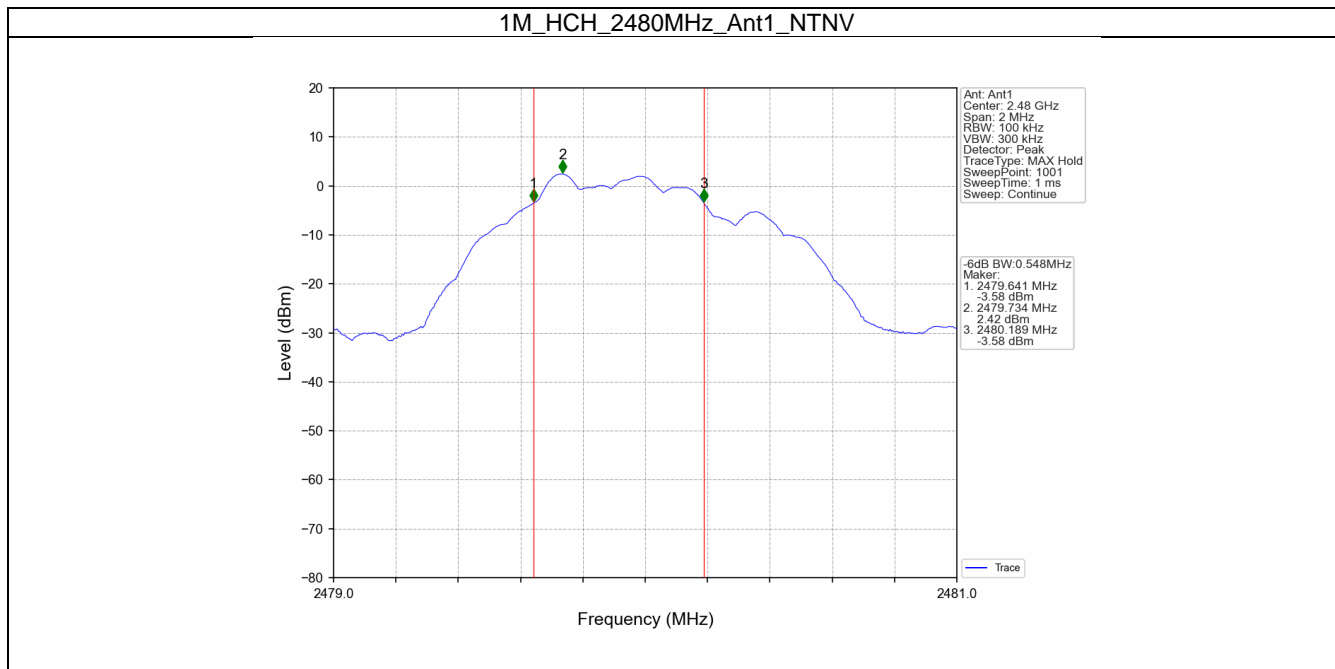
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### 3. Maximum Conducted Output Power

#### 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	3.25	<=30	Pass
		2440	2.96	<=30	Pass
		2480	2.64	<=30	Pass

Note1: Antenna Gain: Ant1: -1.00dBi;



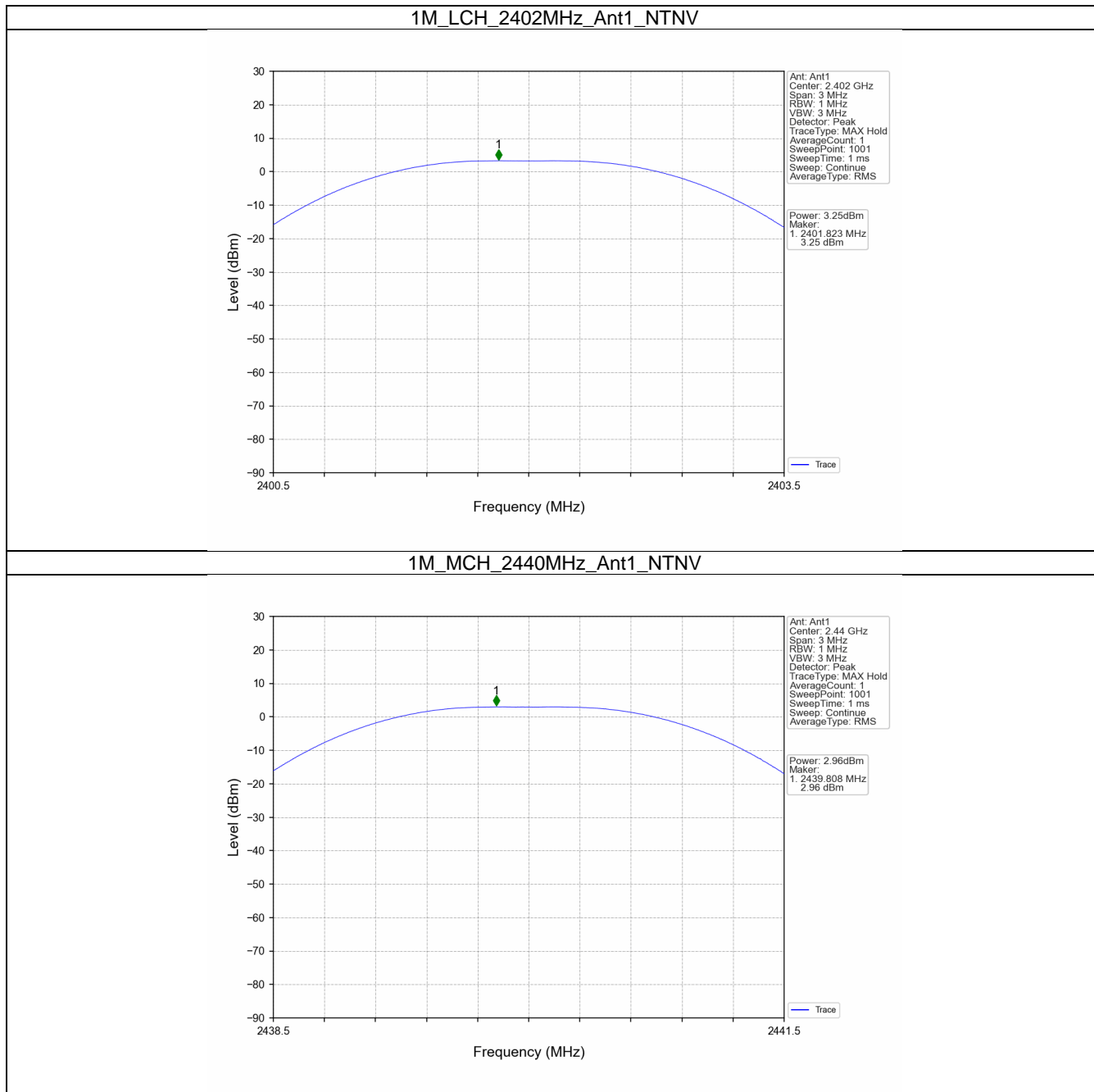
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## 3.1.2 Test Graph

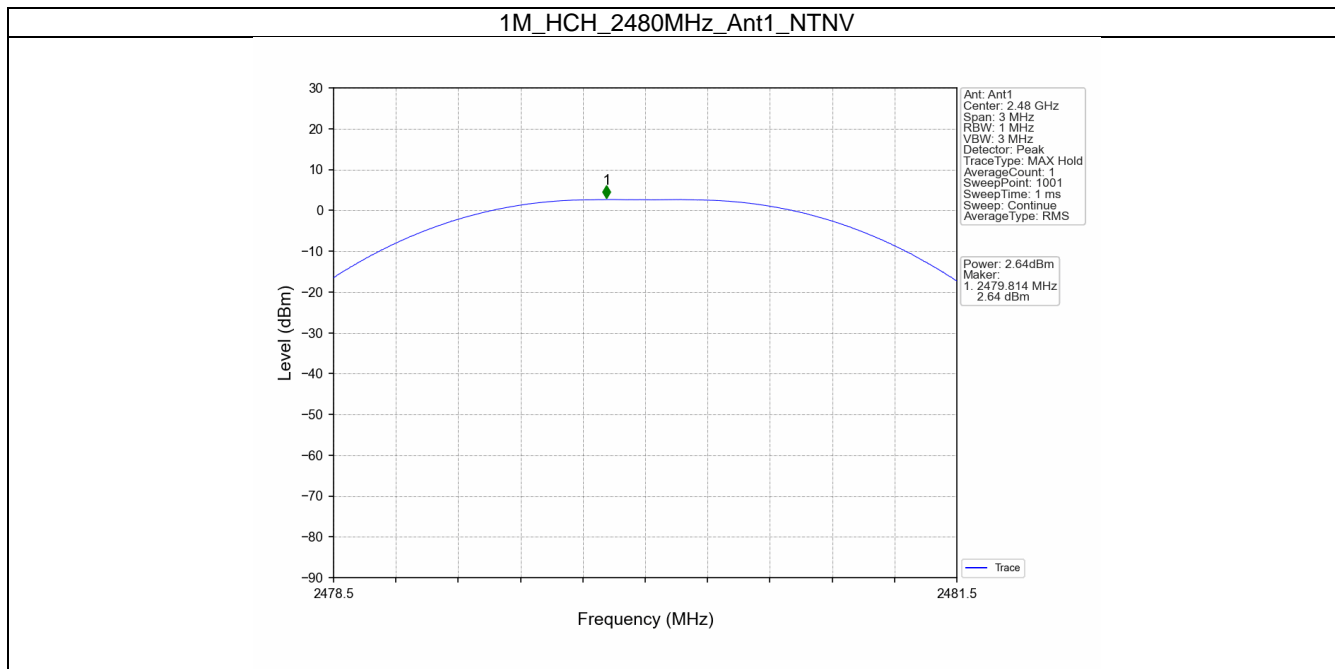


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#### 4. Maximum Power Spectral Density

##### 4.1 PSD

##### 4.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/3kHz)		Verdict
			ANT1	Limit	
1M	SISO	2402	-12.82	<=8	Pass
		2440	-13.12	<=8	Pass
		2480	-13.48	<=8	Pass

Note1: Antenna Gain: Ant1: -1.00dBi;



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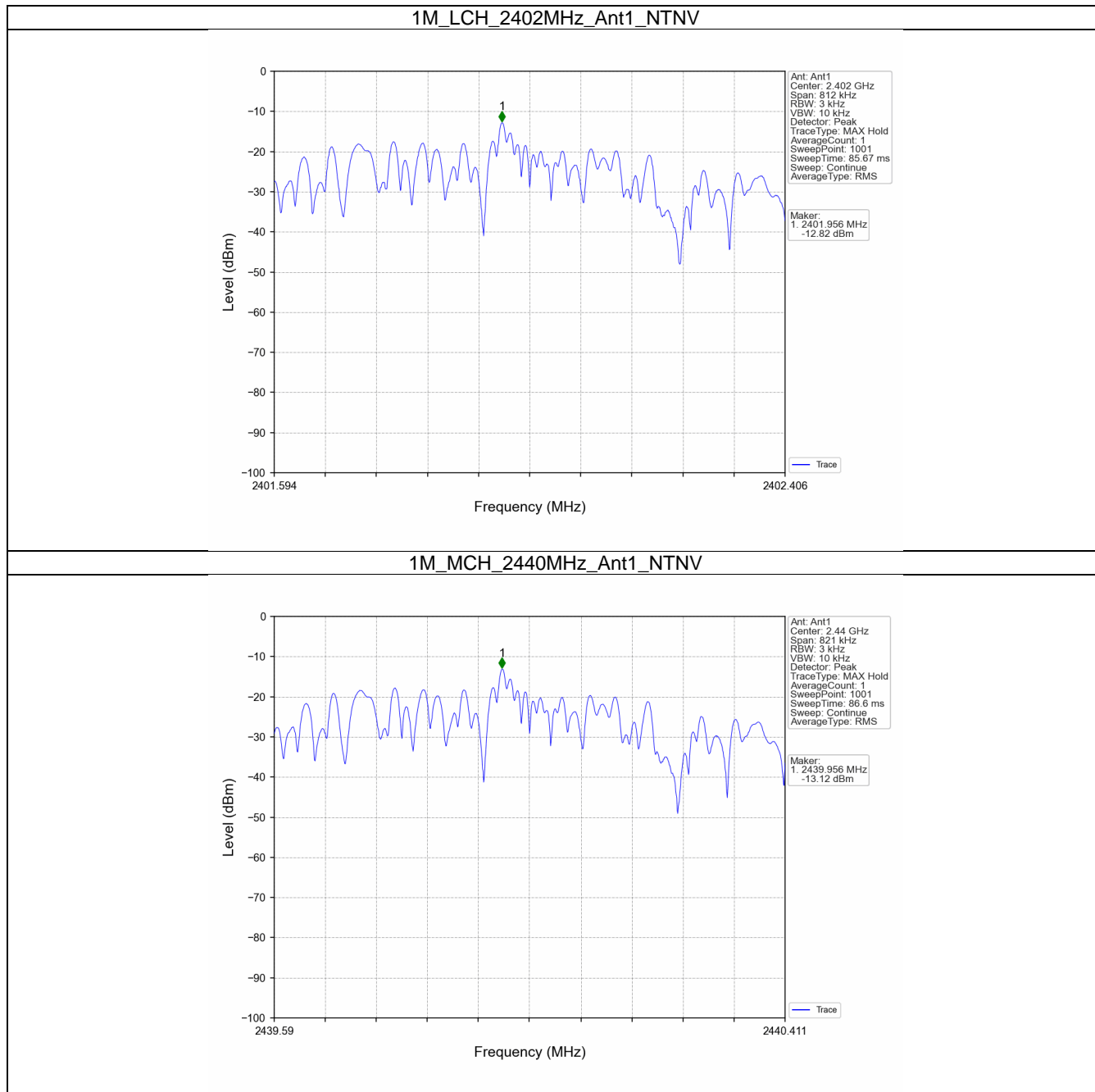
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## 4.1.2 Test Graph

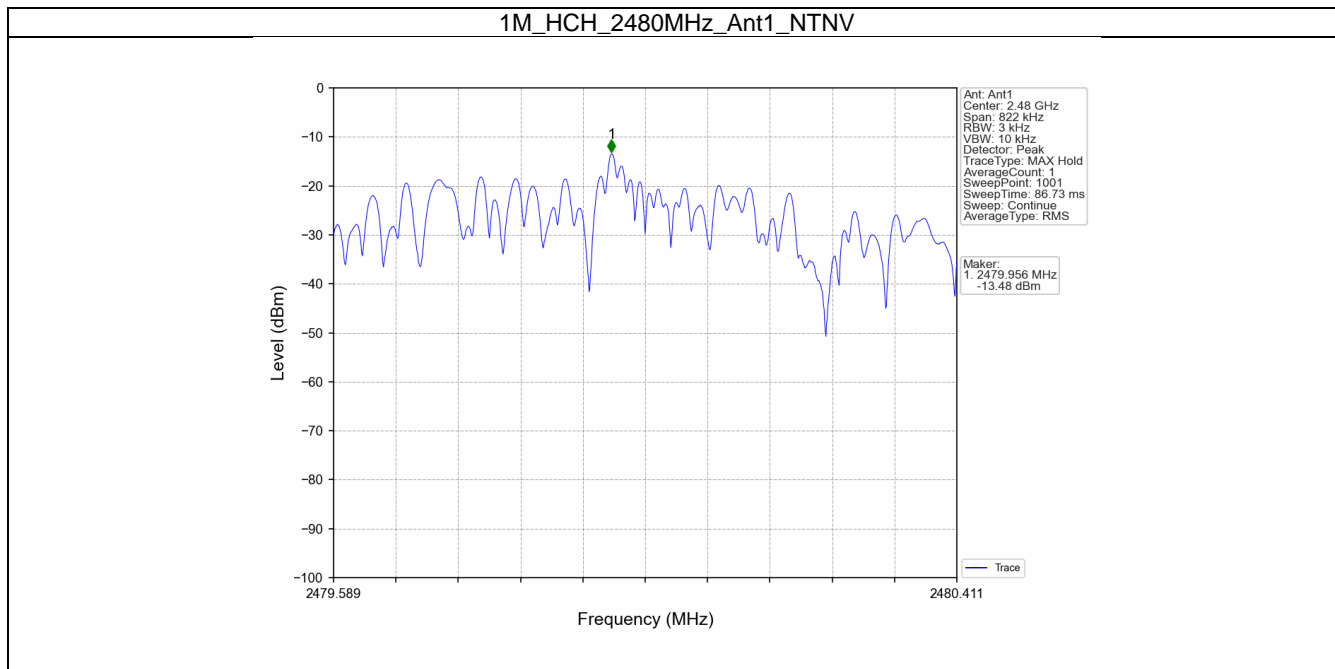


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## 5. Unwanted Emissions In Non-restricted Frequency Bands

### 5.1 Ref

#### 5.1.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)
1M	SISO	2402	1	3.02
		2440	1	2.75
		2480	1	2.43

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.



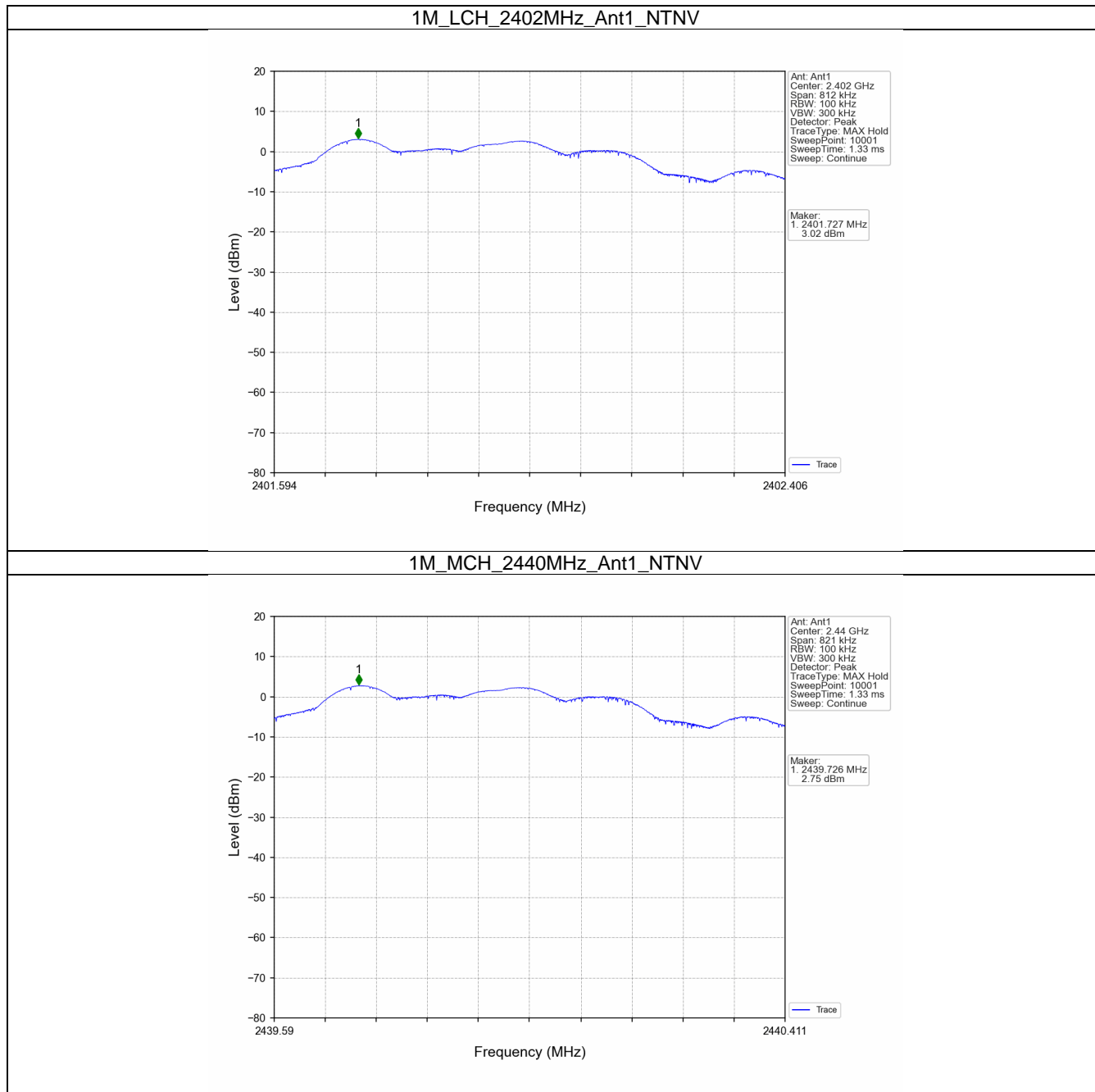
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## 5.1.2 Test Graph

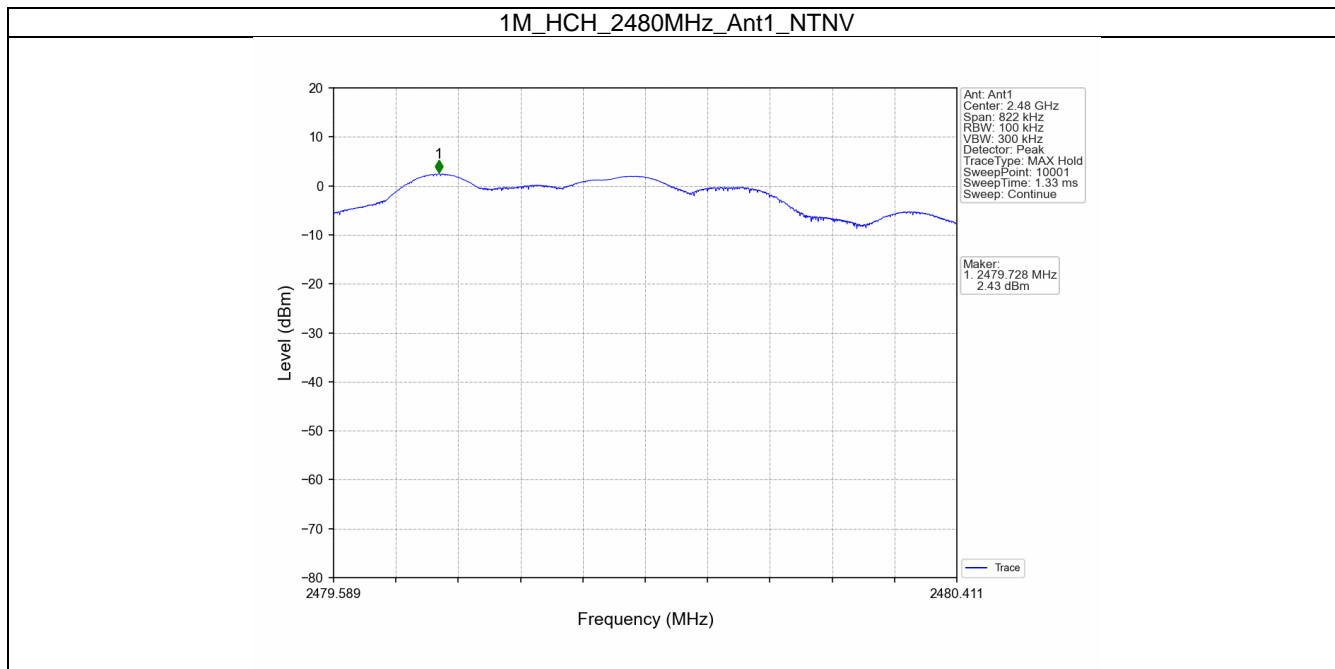


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5.2 CSE

5.2.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
1M	SISO	2402	1	3.02	-16.98	Pass
		2440	1	3.02	-16.98	Pass
		2480	1	3.02	-16.98	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.

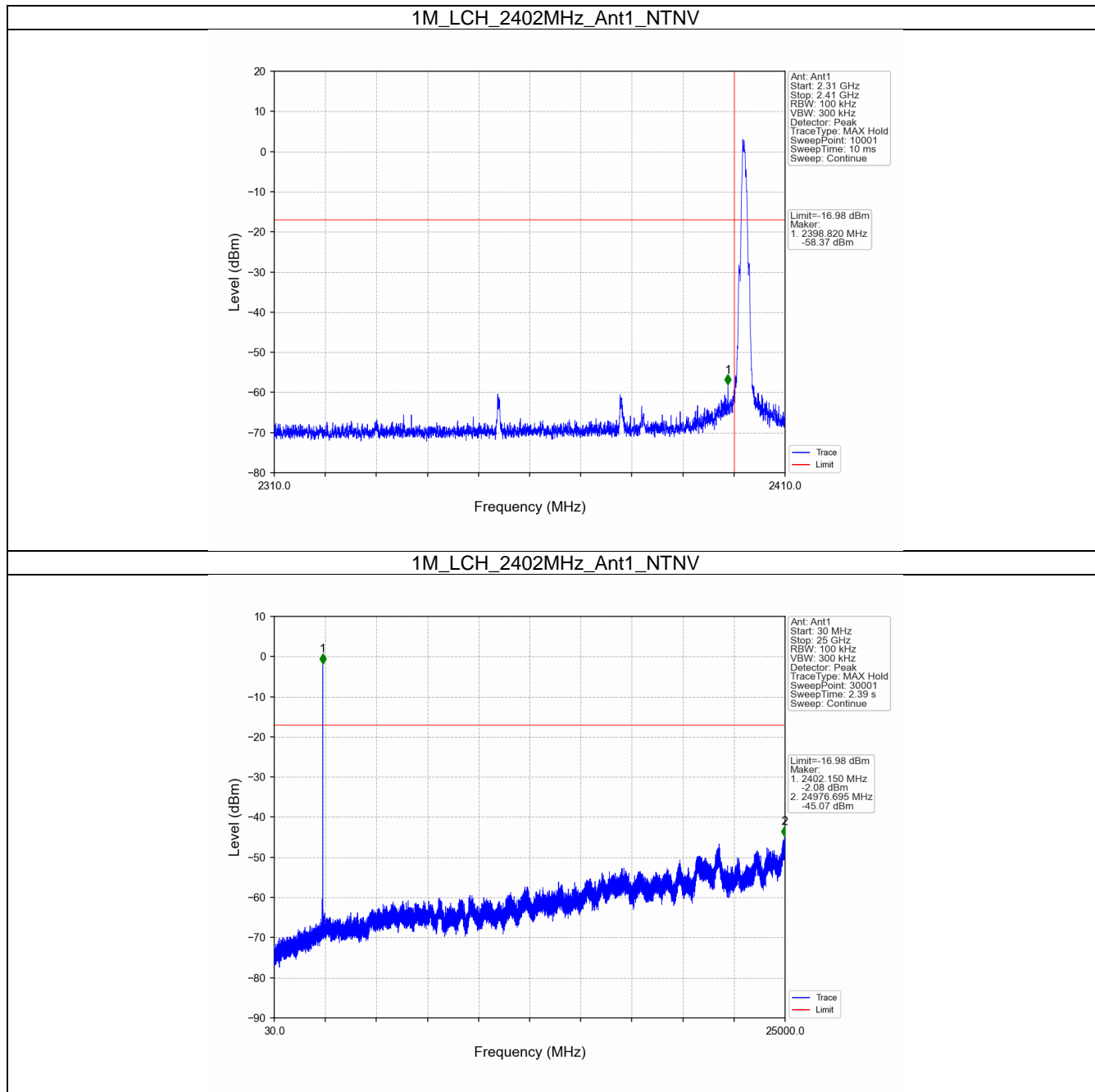


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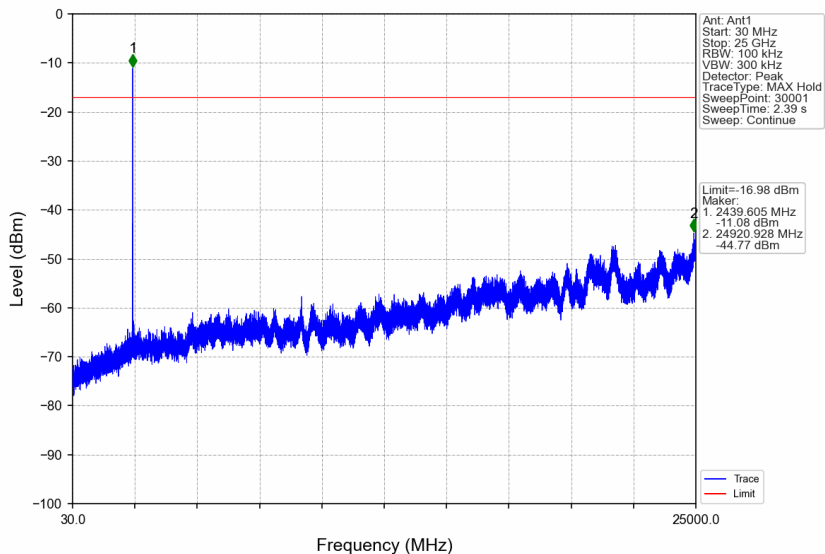
## 5.2.2 Test Graph



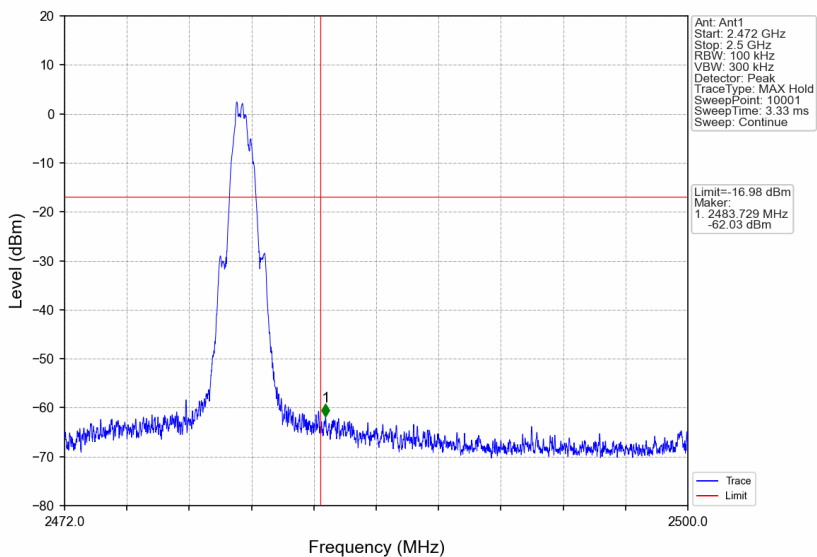
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1M\_MCH\_2440MHz\_Ant1\_NTNV

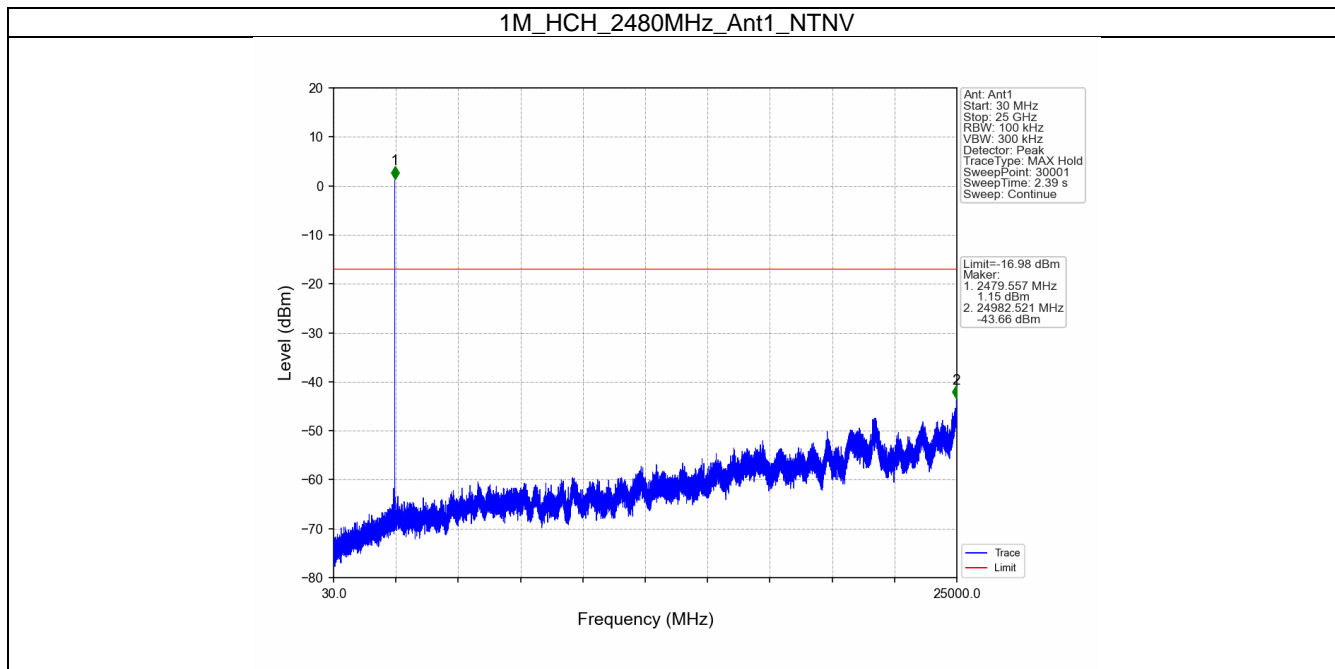


1M\_HCH\_2480MHz\_Ant1\_NTNV



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