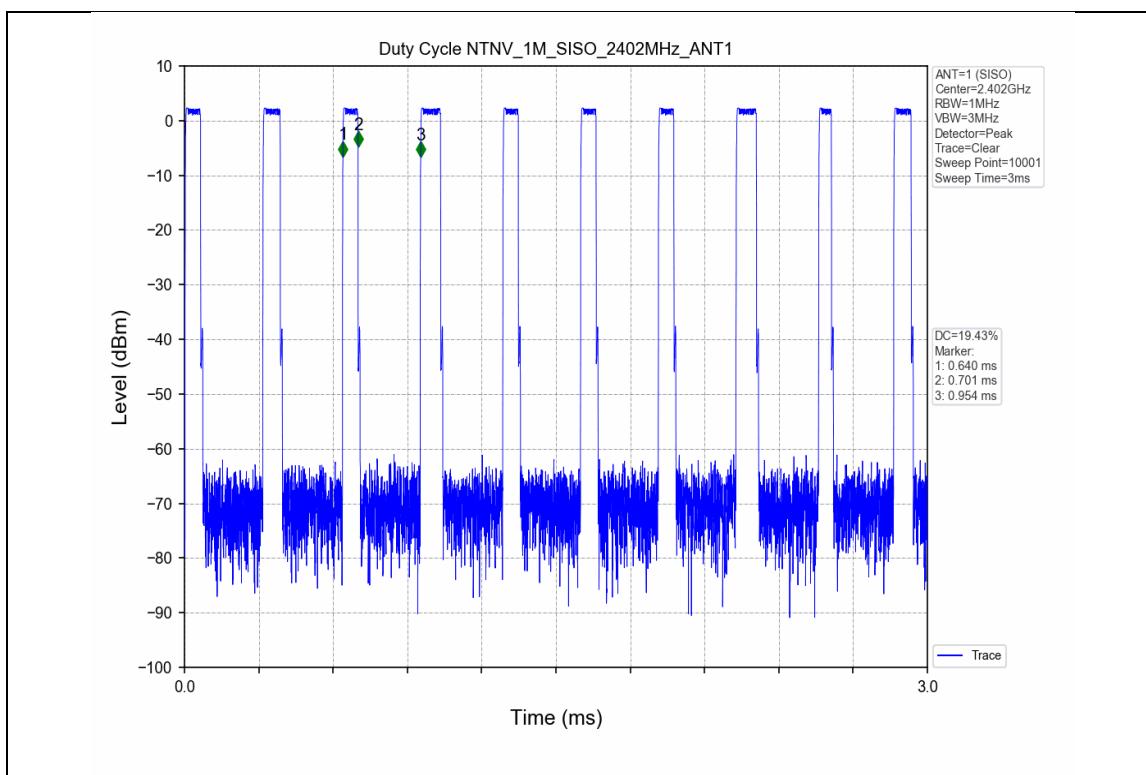


**Appendix B for SHEM210100079302**
**1. Duty Cycle**
**1.1 Test Result**

Test Mode	Channel Frequency(M Hz)	TX Type	ANT No.	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)
1M	2402	SISO	1	0.061	0.314	19.43	7.12
	2440	SISO	1	0.060	0.312	19.23	7.16
	2480	SISO	1	0.060	0.312	19.23	7.16

**1.2 Test Graph**


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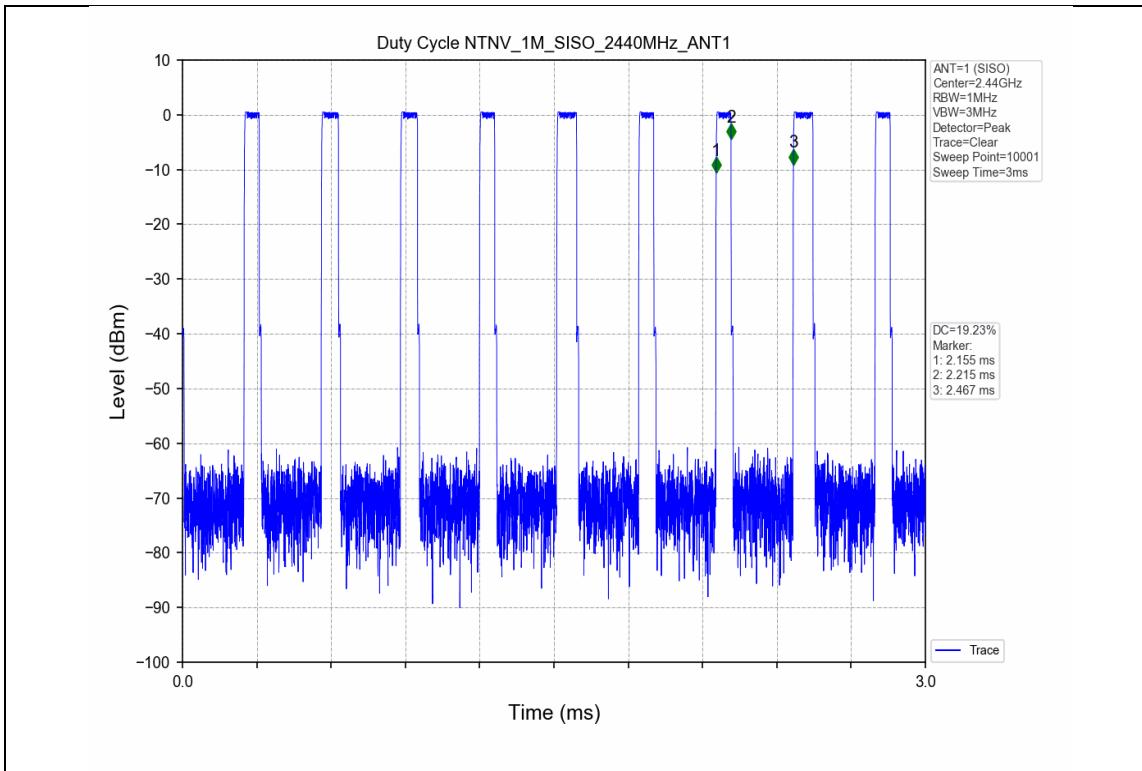


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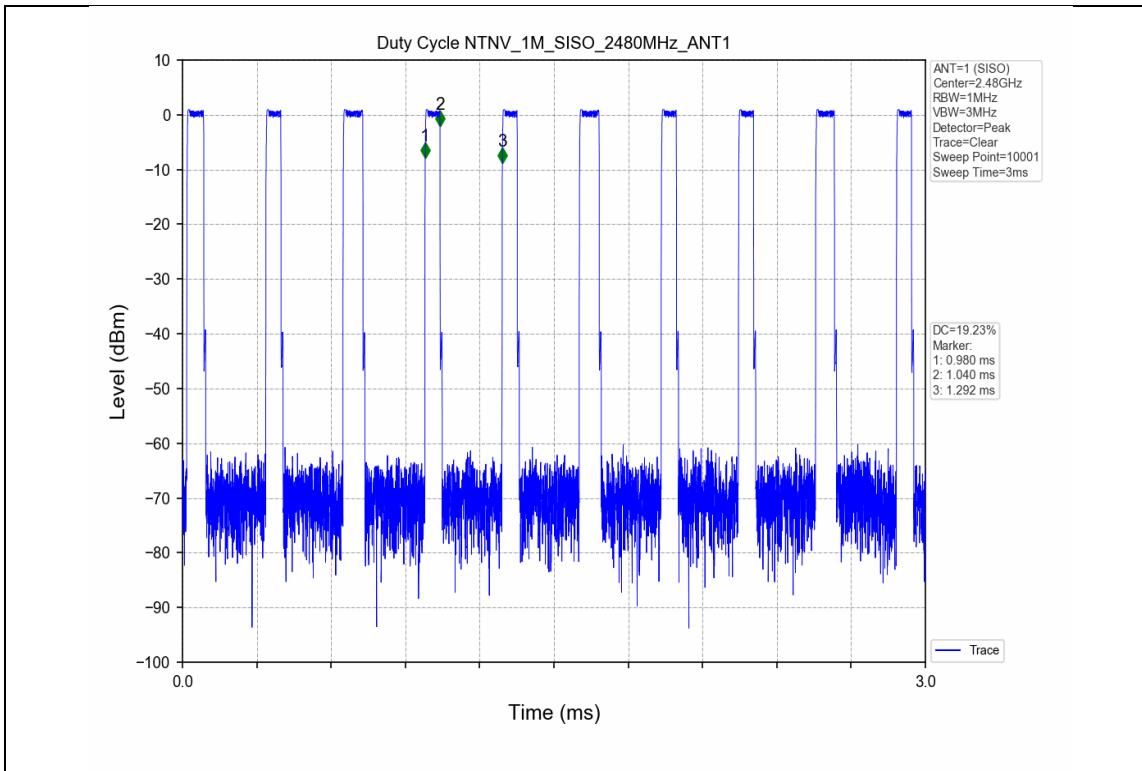
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## 2. Bandwidth

### 2.1 Test Result

Test Mode	Frequency (MHz)	TX Type	ANT No.	6dB Bandwidth		Verdict
				Test Result (MHz)	Limits (MHz)	
1M	2402	SISO	1	0.578	≥0.5	PASS
	2440	SISO	1	0.582	≥0.5	PASS
	2480	SISO	1	0.525	≥0.5	PASS

Test Mode	Frequency (MHz)	TX Type	ANT No.	99% Occupied Bandwidth	
				Test Result (MHz)	
1M	2402	SISO	1	1.066	Only for Report Use
	2440	SISO	1	1.066	Only for Report Use
	2480	SISO	1	1.066	Only for Report Use

### 2.2 Test Graph - 6dB Bandwidth

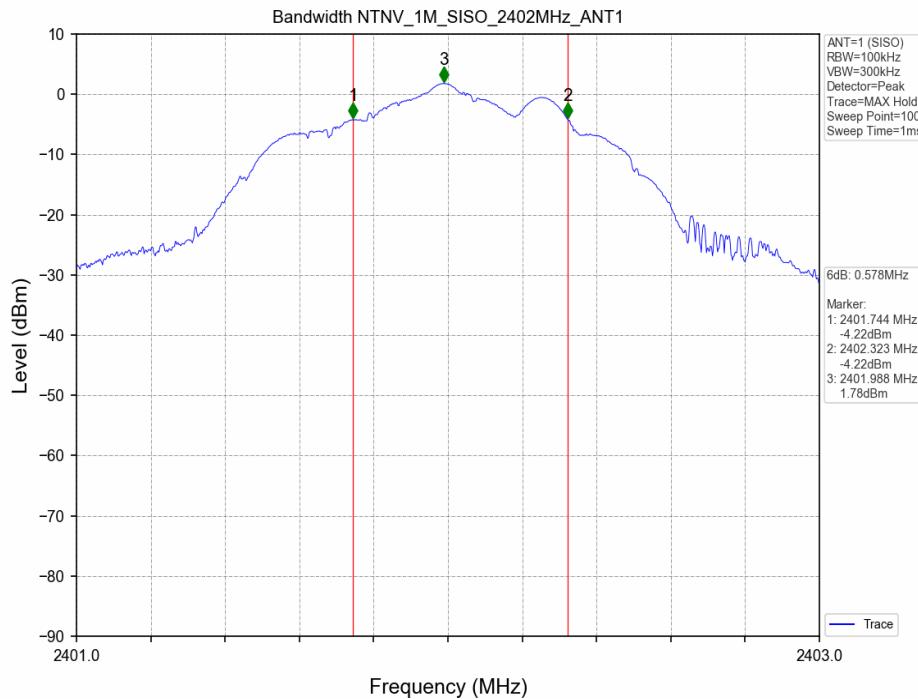


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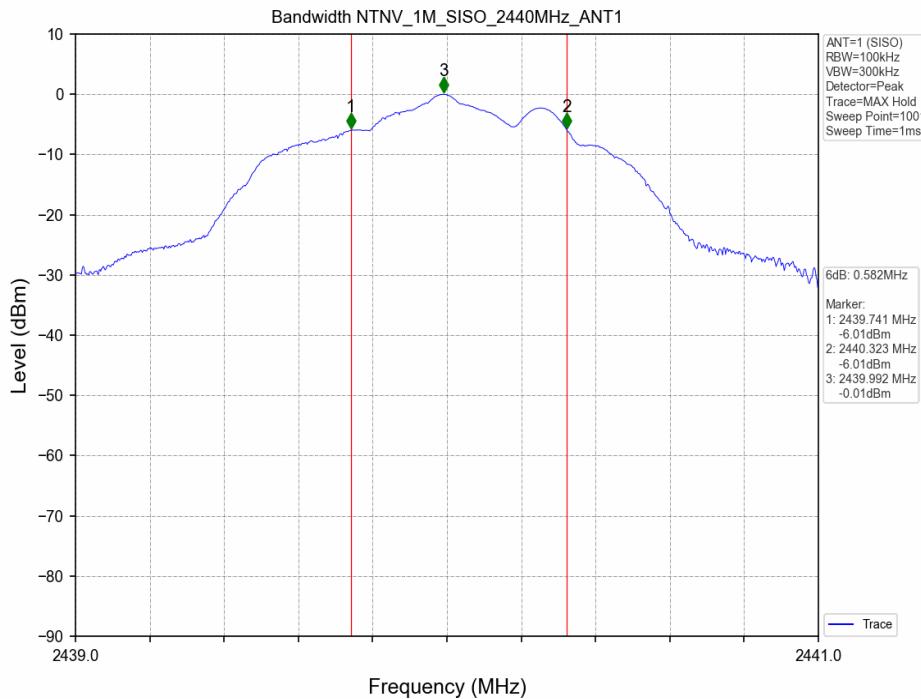
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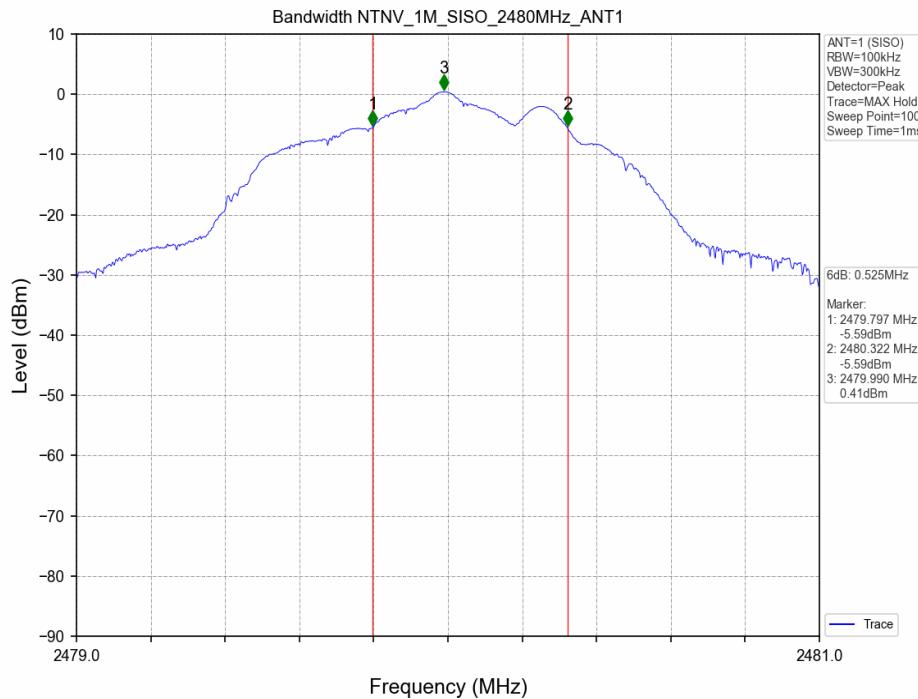
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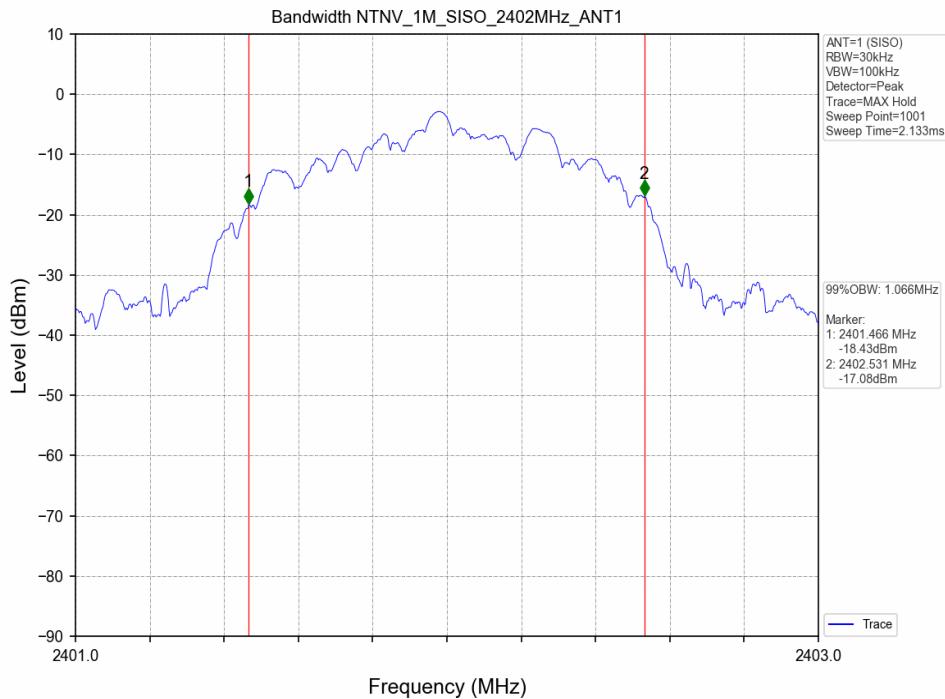
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### 2.3 Test Graph - 99% Occupied Bandwidth

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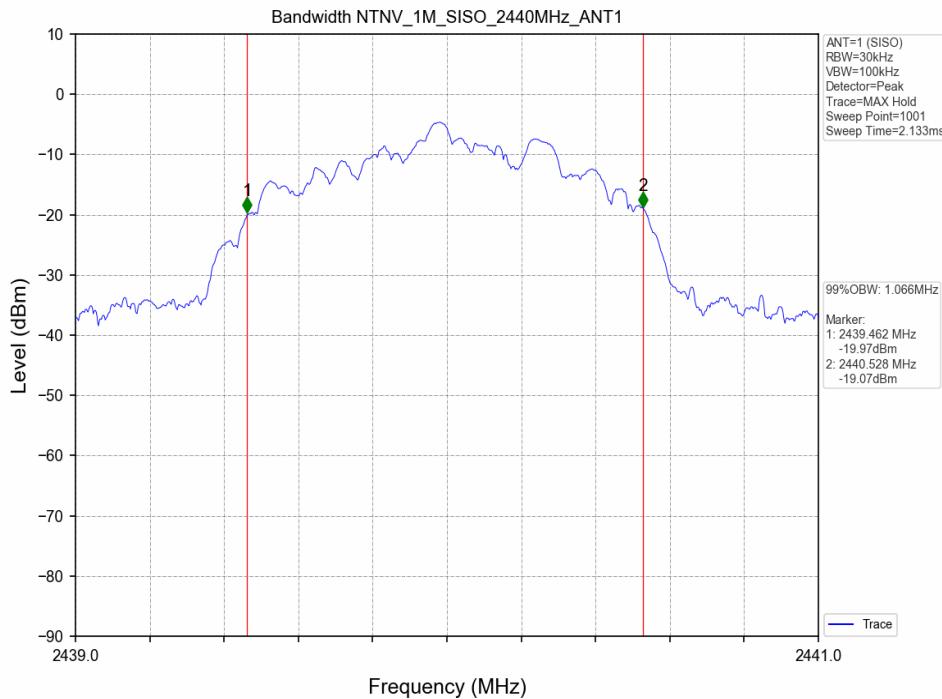
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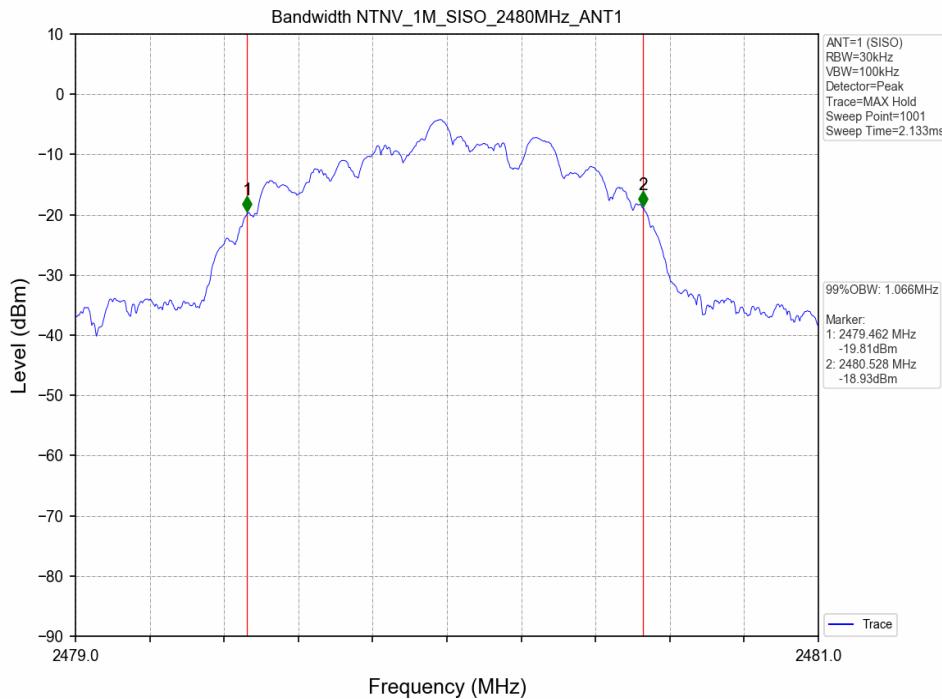
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### 3. Maximum Conducted Output Power

#### 3.1 Test Result

Test Mode	Frequency (MHz)	Tx Type	Measured Peak Output Power (dBm)	Limits (dBm)	Verdict
			Ant 1		
1M	2402	SISO	2.35	30	PASS
	2440	SISO	0.57	30	PASS
	2480	SISO	0.97	30	PASS

#### 3.2 Test Graph

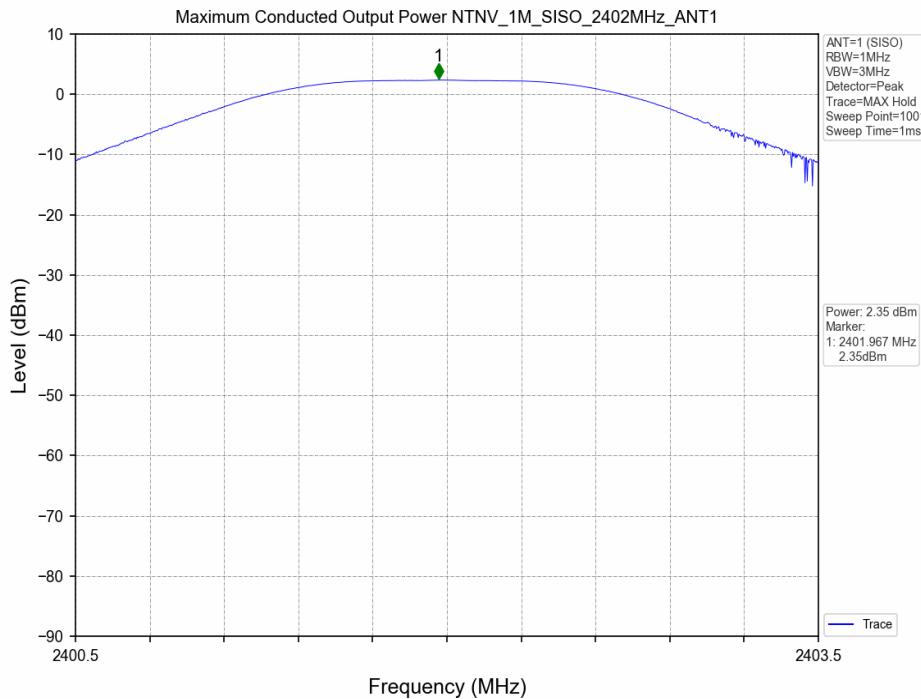


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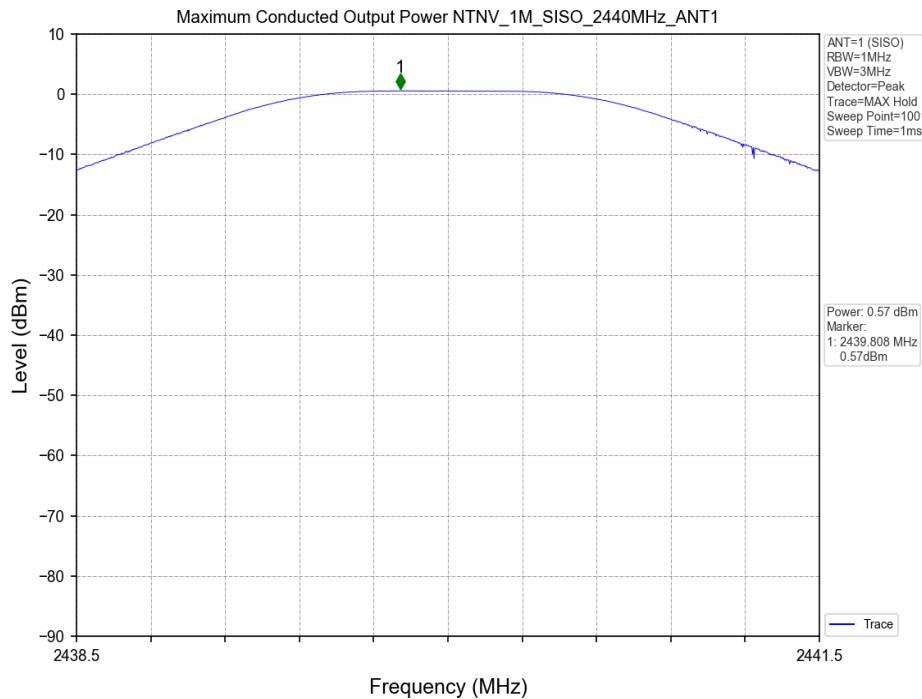
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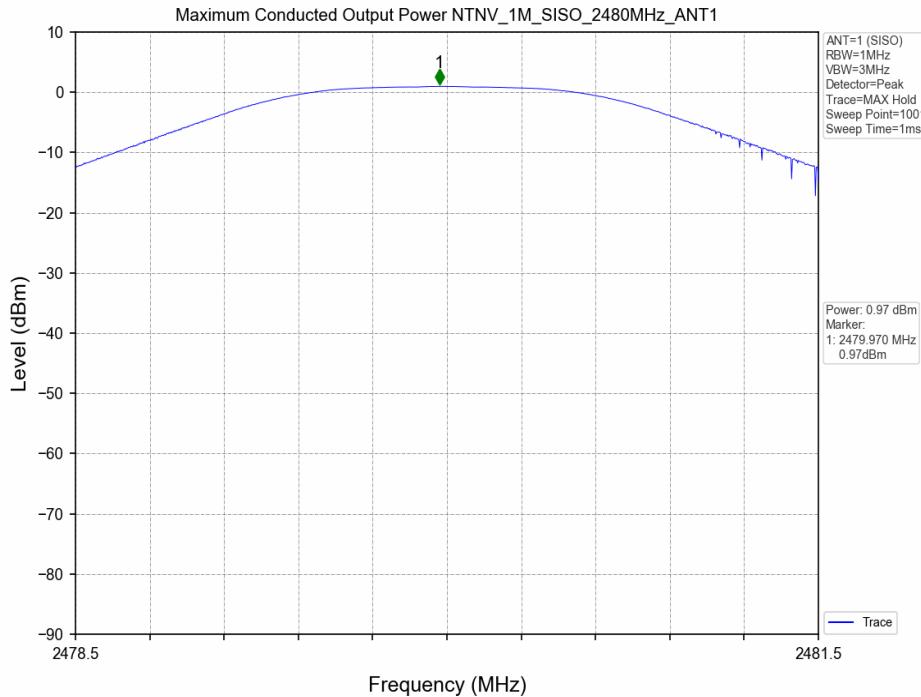
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## 4. Maximum Power Spectral Density (PSD)

### 4.1 Test Result

Test Mode	Frequency (MHz)	Tx Type	Maximum Power Spectral Density (dBm/3kHz)	Limits (dBm/3kHz)	Verdict
			Ant 1		
1M	2402	SISO	-16.80	≤8	PASS
	2440	SISO	-18.29	≤8	PASS
	2480	SISO	-17.92	≤8	PASS

### 4.2 Test Graph

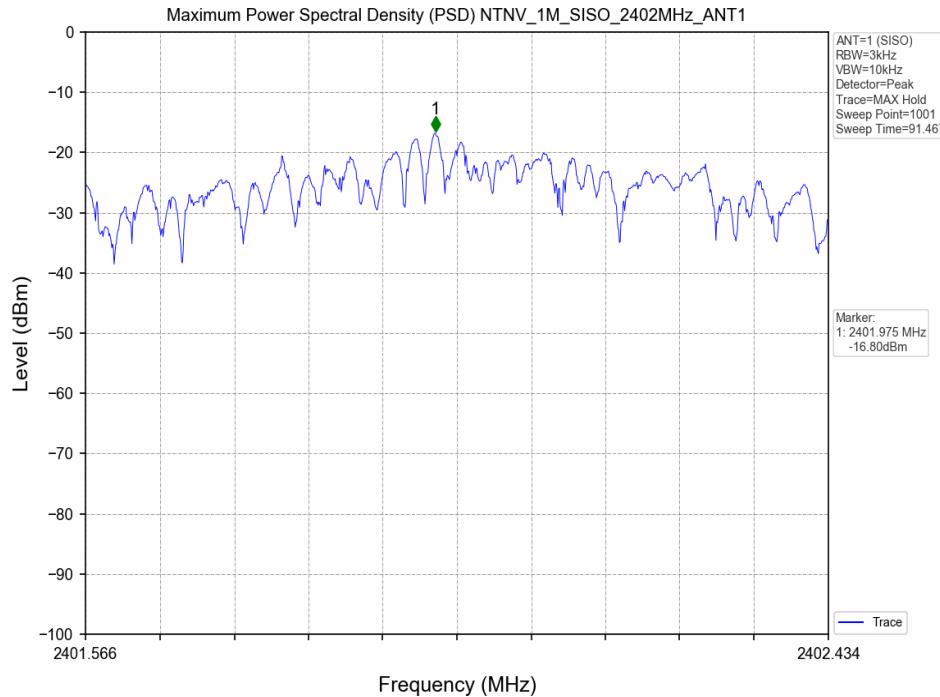


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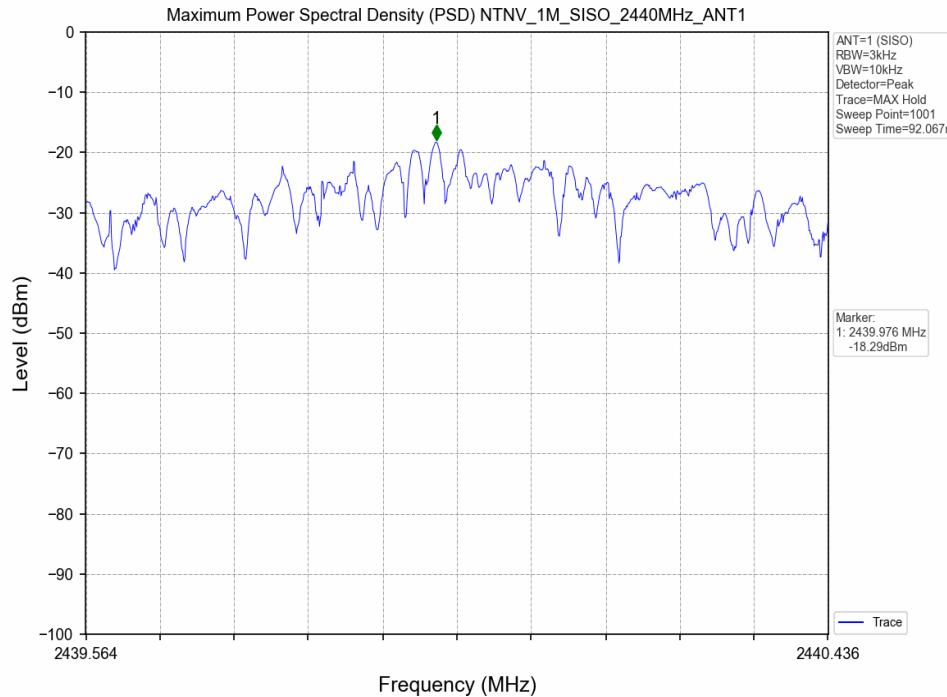
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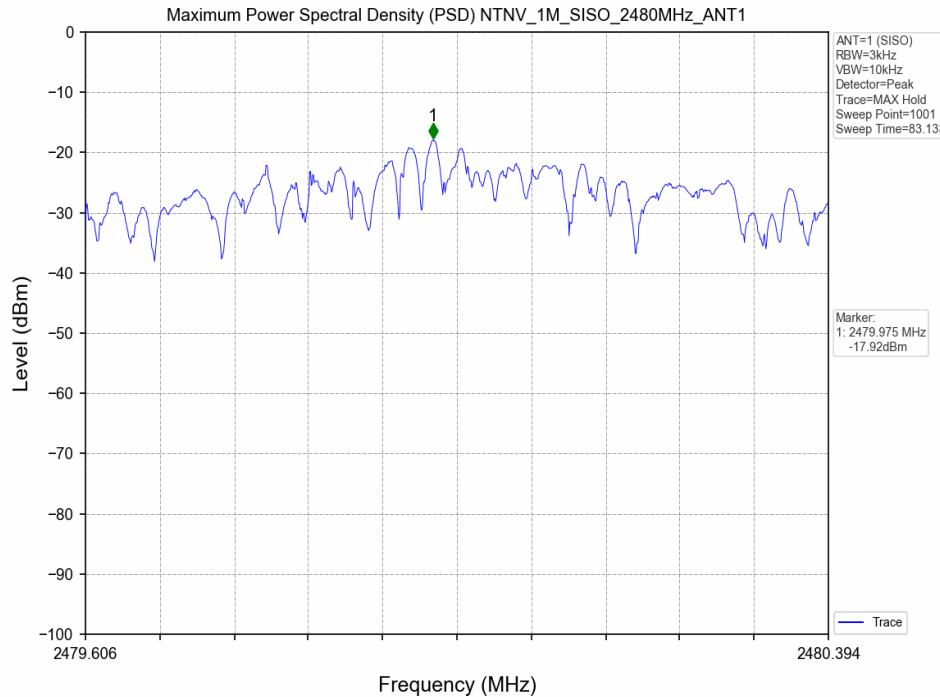
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## 5. Unwanted Emissions in Non-restricted Frequency Bands

### 5.1 Test Result

Test Mode	Frequency (MHz)	TX Type	ANT No.	Spurious Conducted Emission (dBm)	Limits (dBm)	Verdict
1M	2402	SISO	1	Refer to test graph	-18.22	PASS
	2440	SISO	1	Refer to test graph	-18.22	PASS
	2480	SISO	1	Refer to test graph	-18.22	PASS

### 5.2 Test Graph

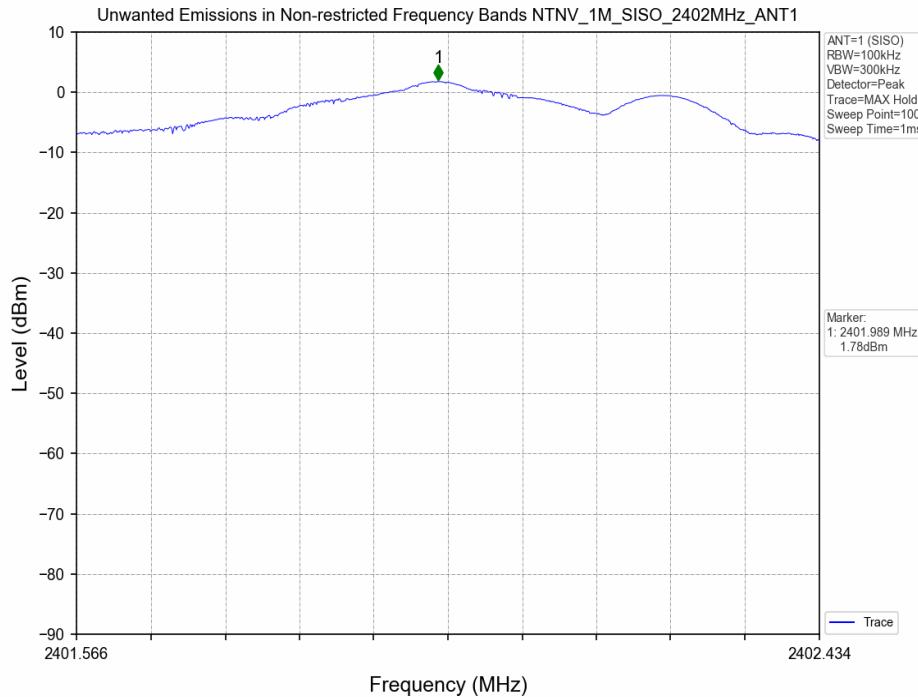


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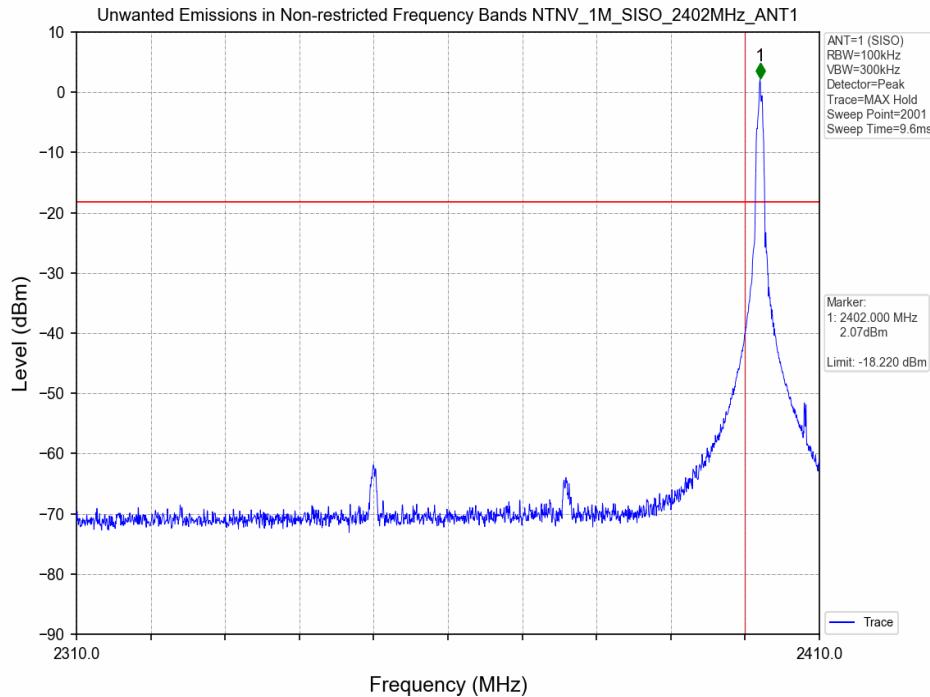
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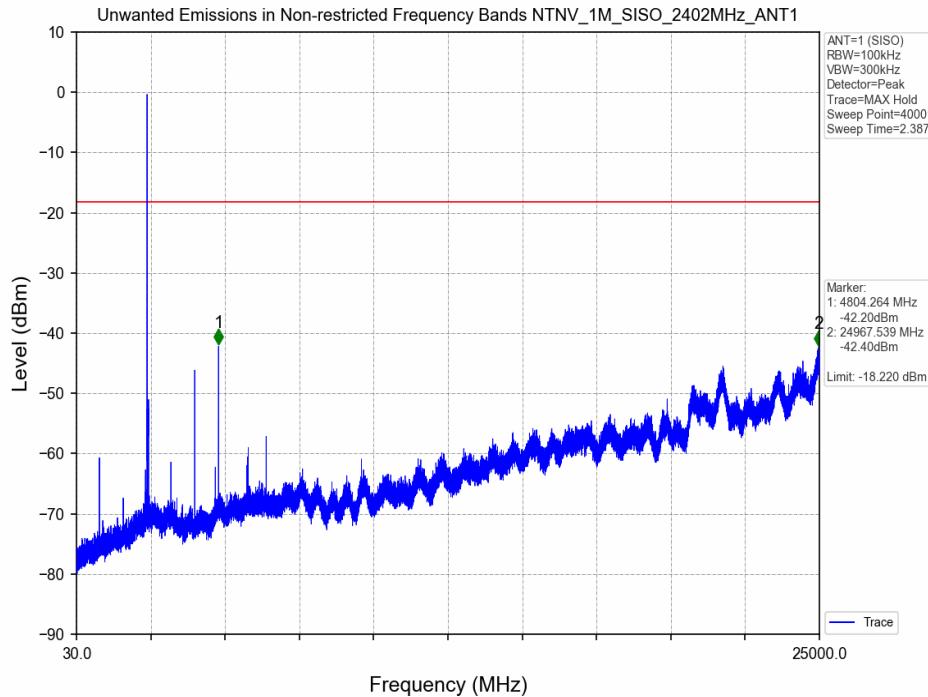
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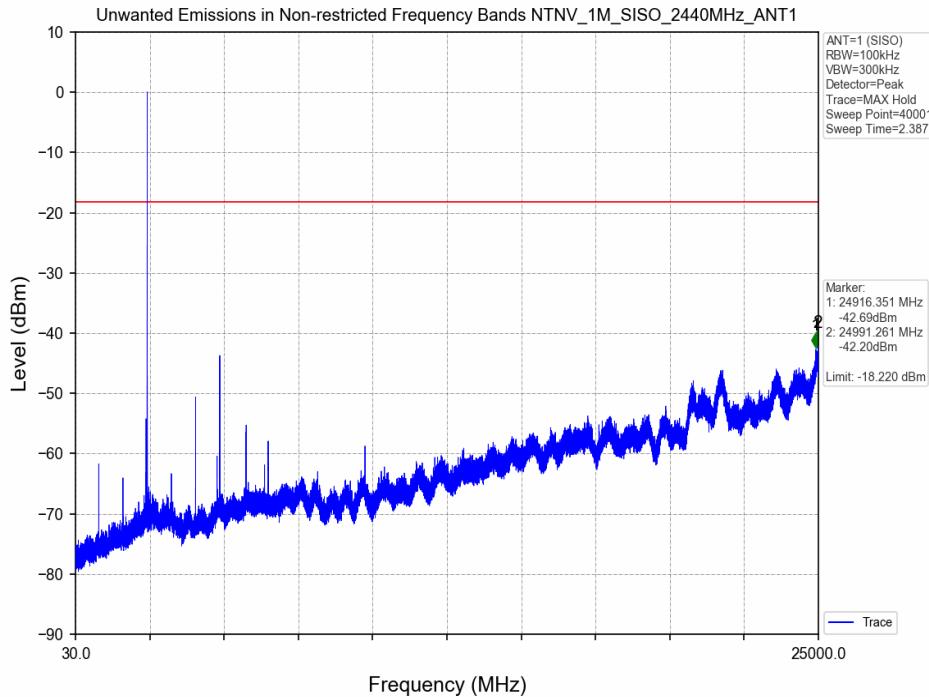
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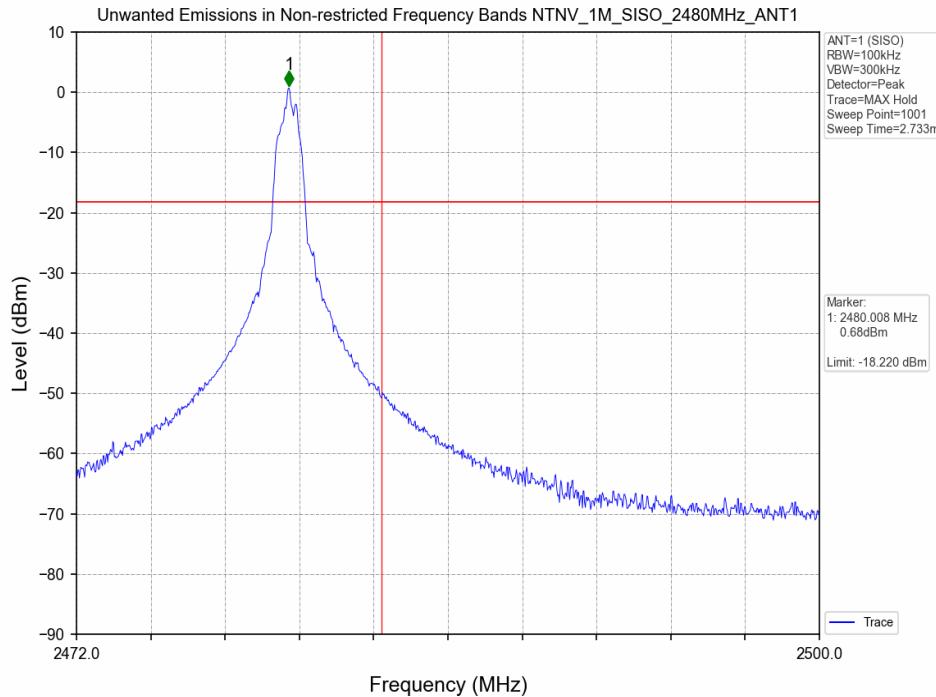
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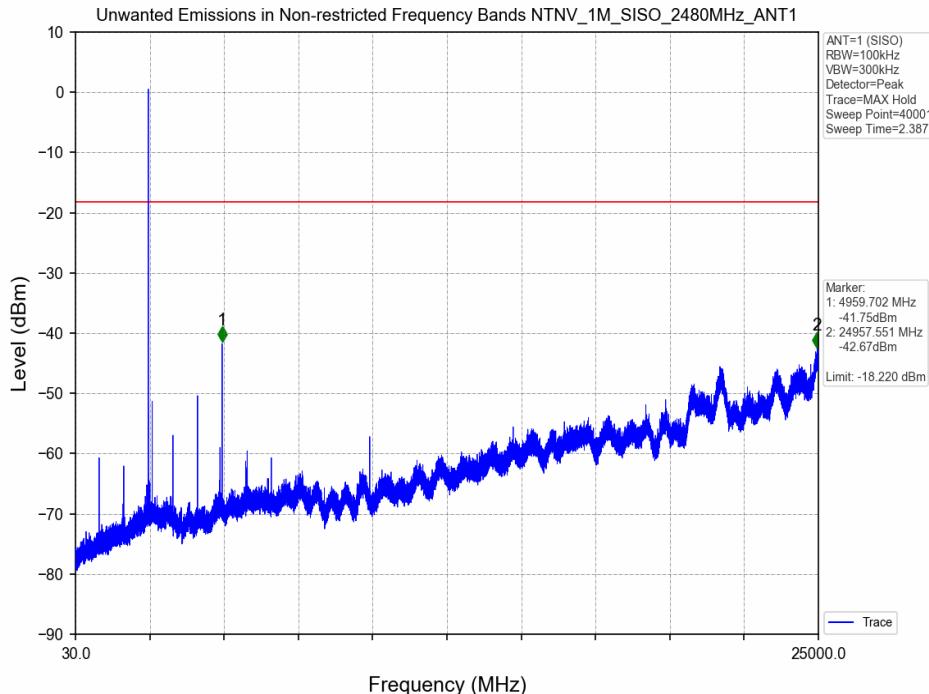
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## 6. Frequency Error

### 6.1 Test Result

Test Mode	Frequency (MHz)	TX Type	ANT	Measured Frequency (MHz)		Verdict
				Test Result	Limit	
1M	2402	SISO	1	2401.99	2400-2483.5	PASS
	2440	SISO	1	2439.99	2400-2483.5	PASS
	2480	SISO	1	2479.99	2400-2483.5	PASS

### 6.2 Test Graph

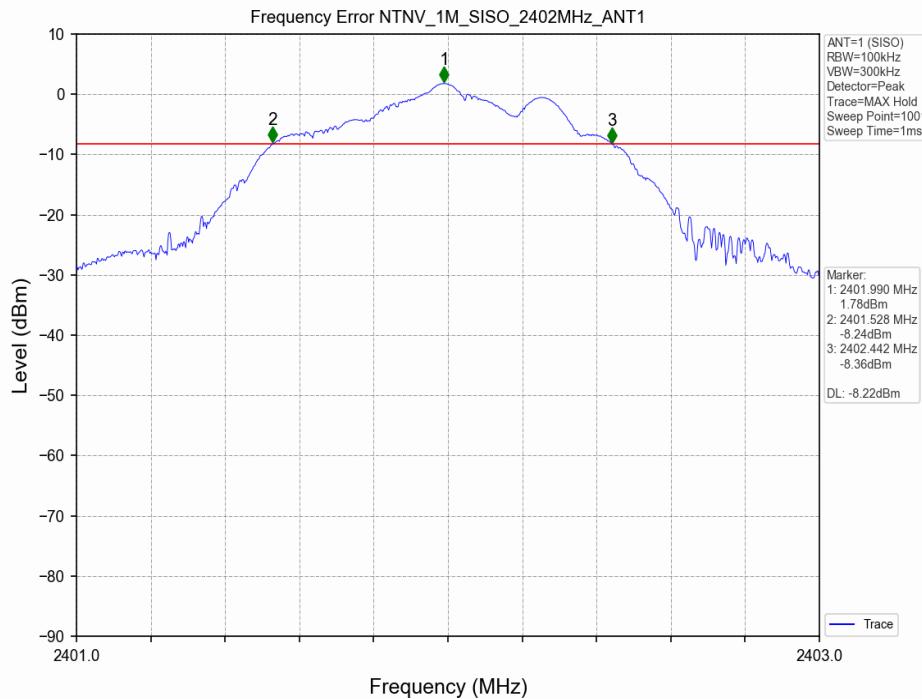


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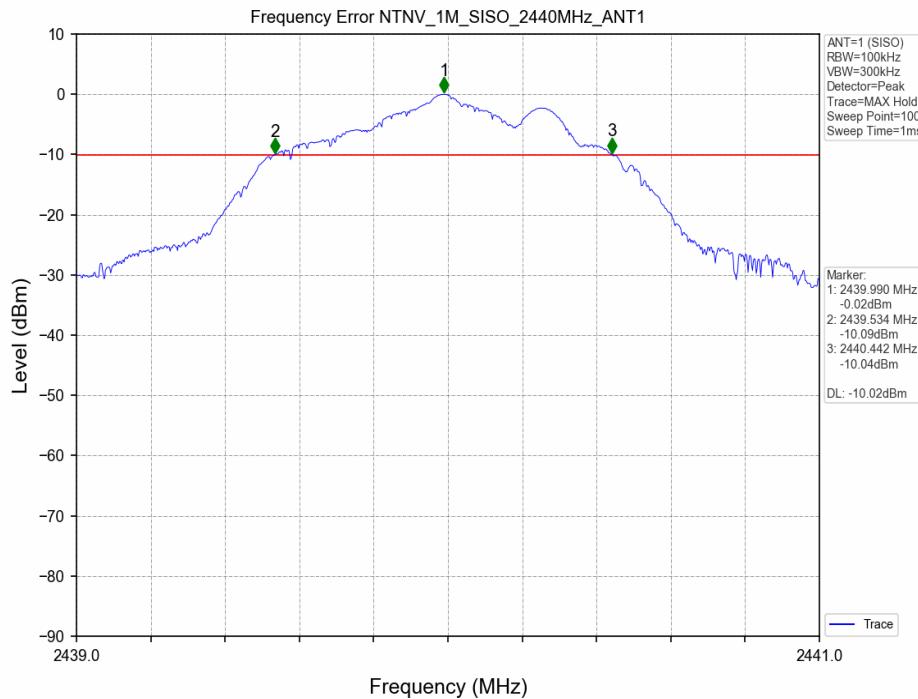
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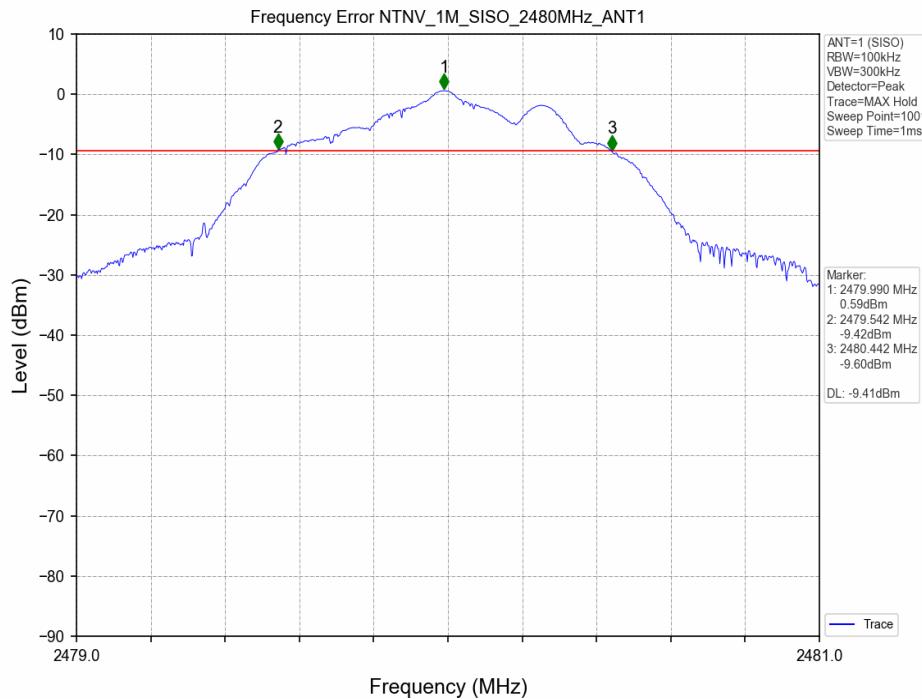
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