

Appendix A for KSEM210700116201

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	0.418	0.625	66.88	1.75	0.03
		2440	0.418	0.625	66.88	1.75	0.03
		2480	0.417	0.625	66.72	1.76	0.03



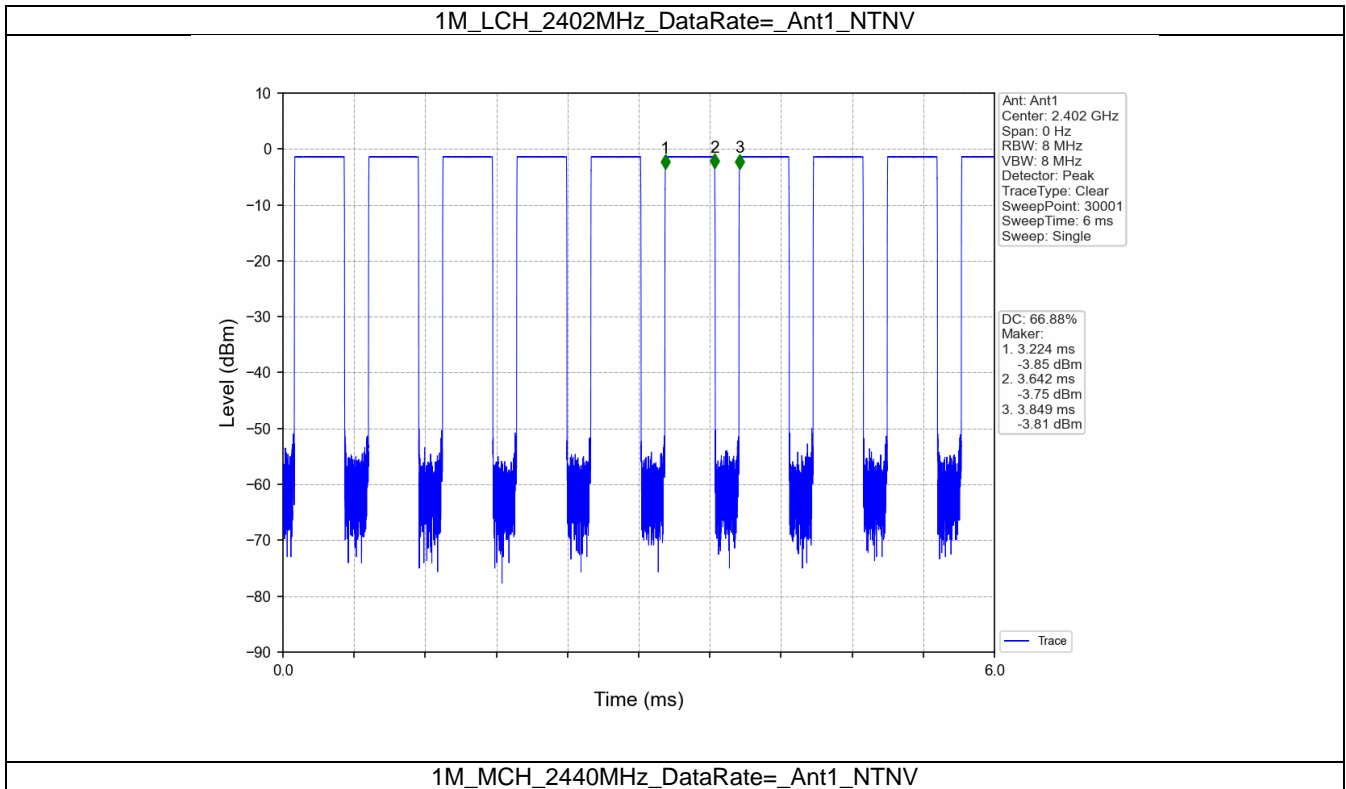
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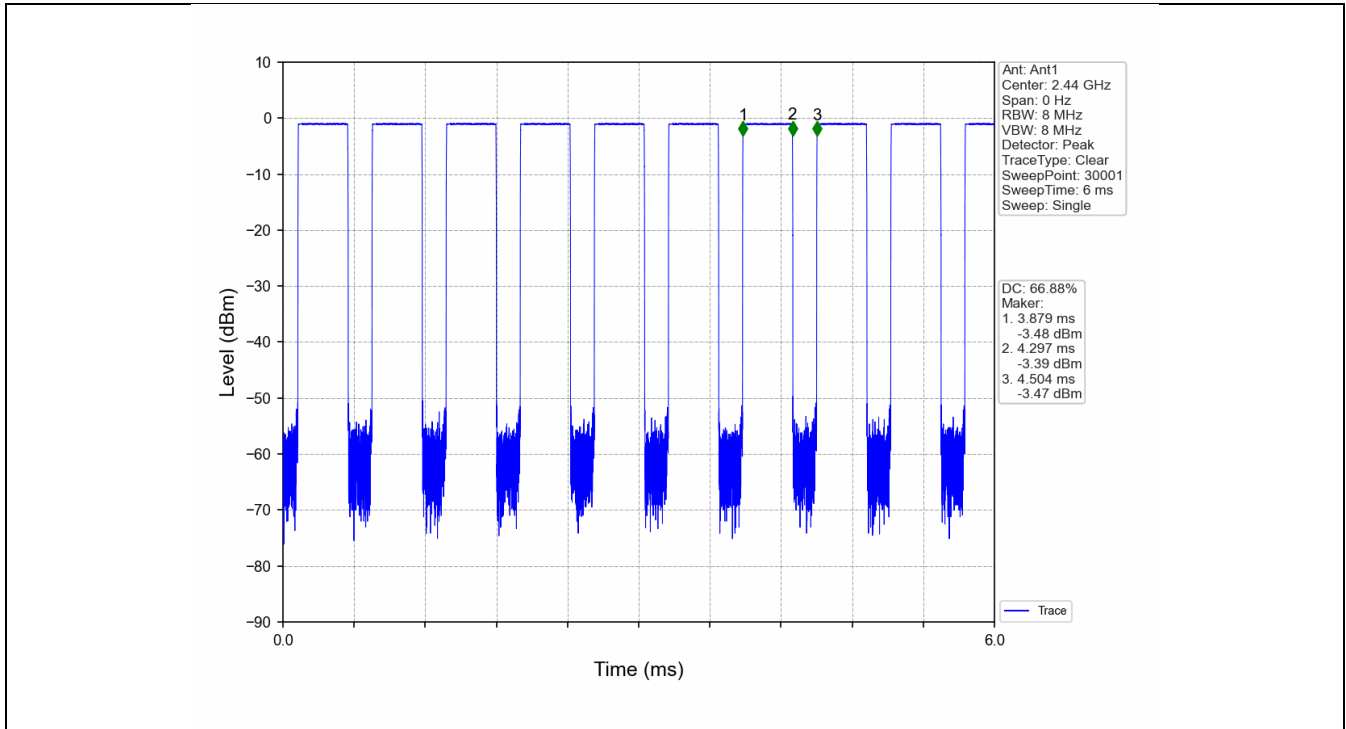
1.1.2 Test Graph



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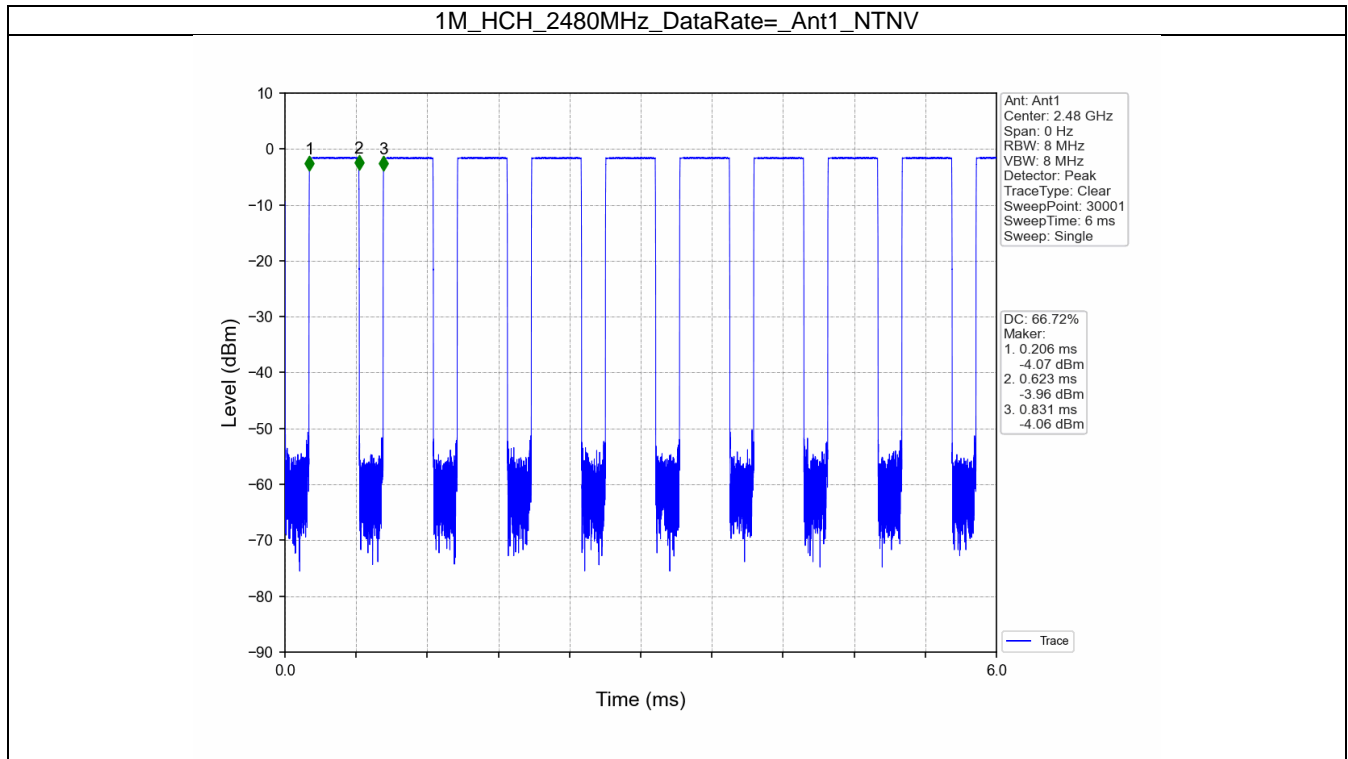


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2. Bandwidth

2.1 OBW

2.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Ant	99% Occupied Bandwidth (MHz)	Verdict
				Result	
1M	SISO	2402	1	1.053	Pass
		2440	1	1.053	Pass
		2480	1	1.057	Pass

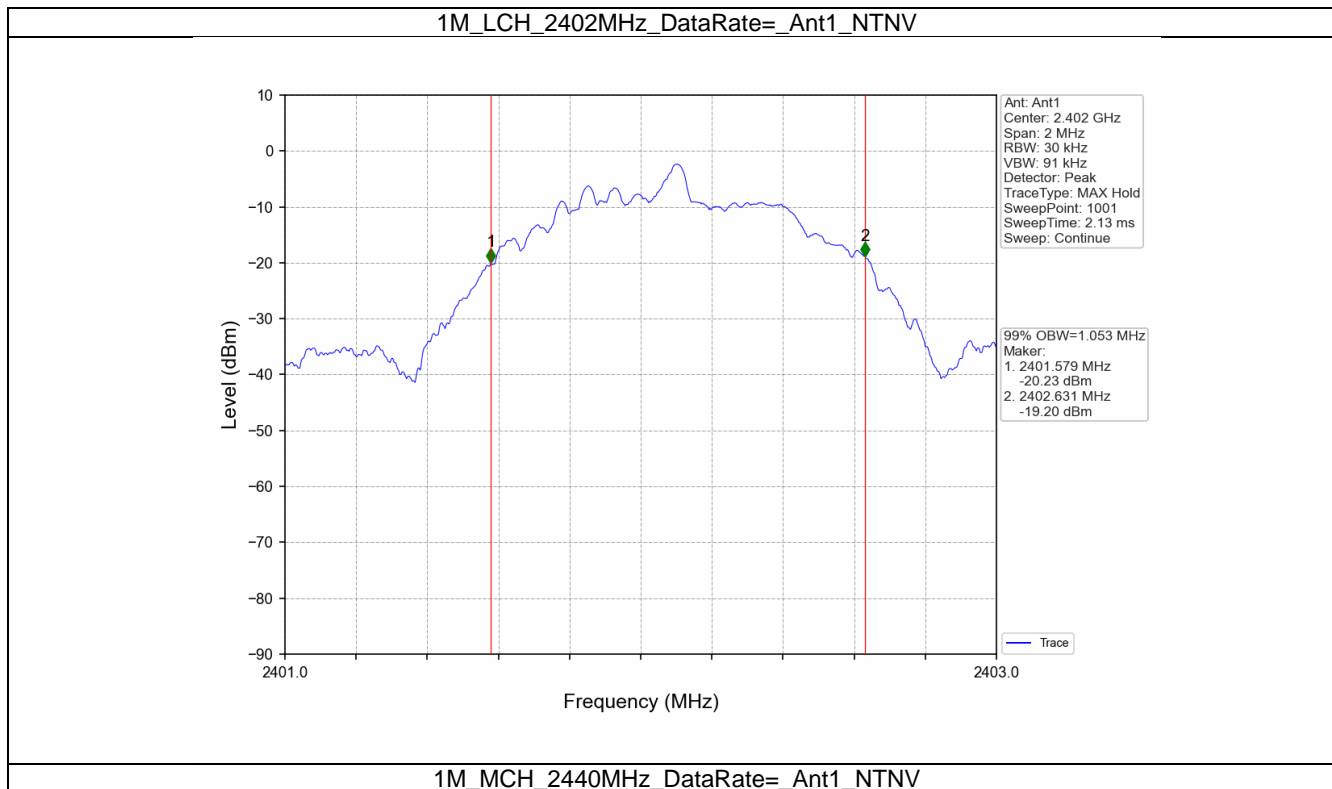


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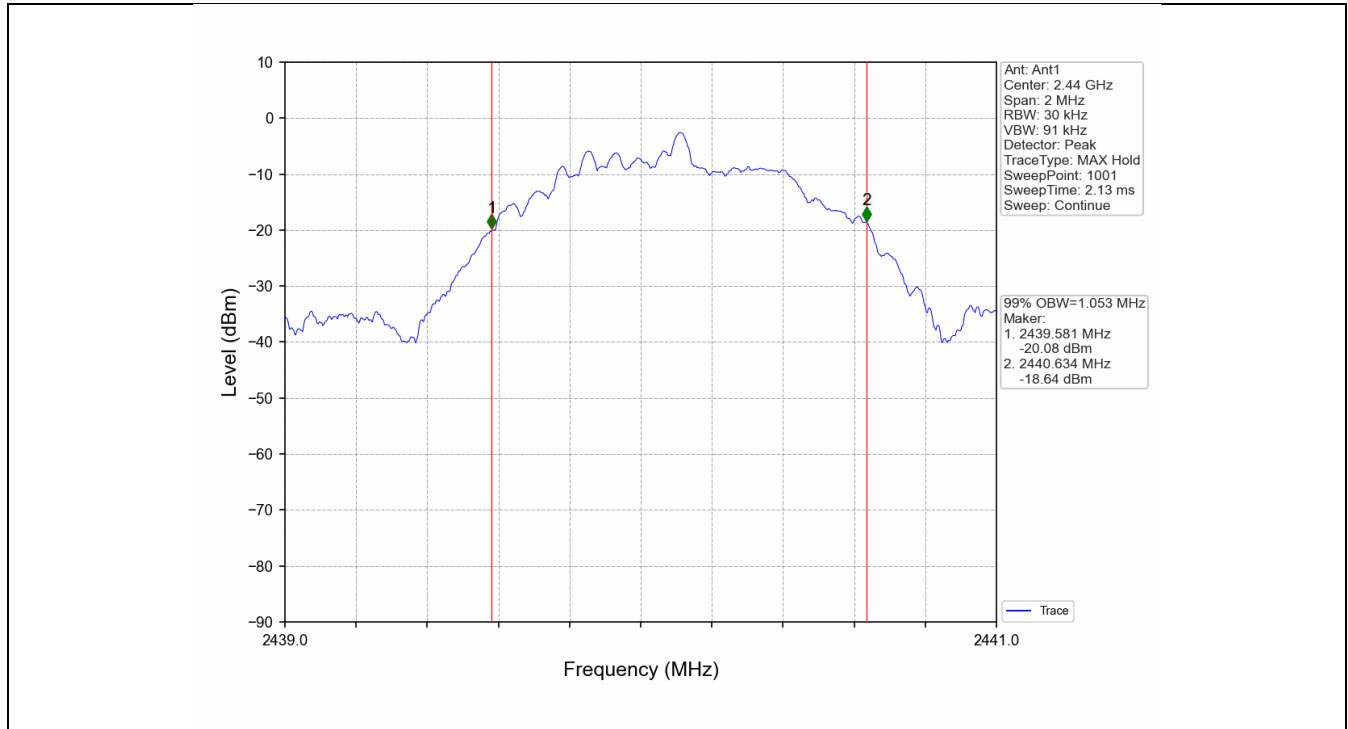
2.1.2 Test Graph



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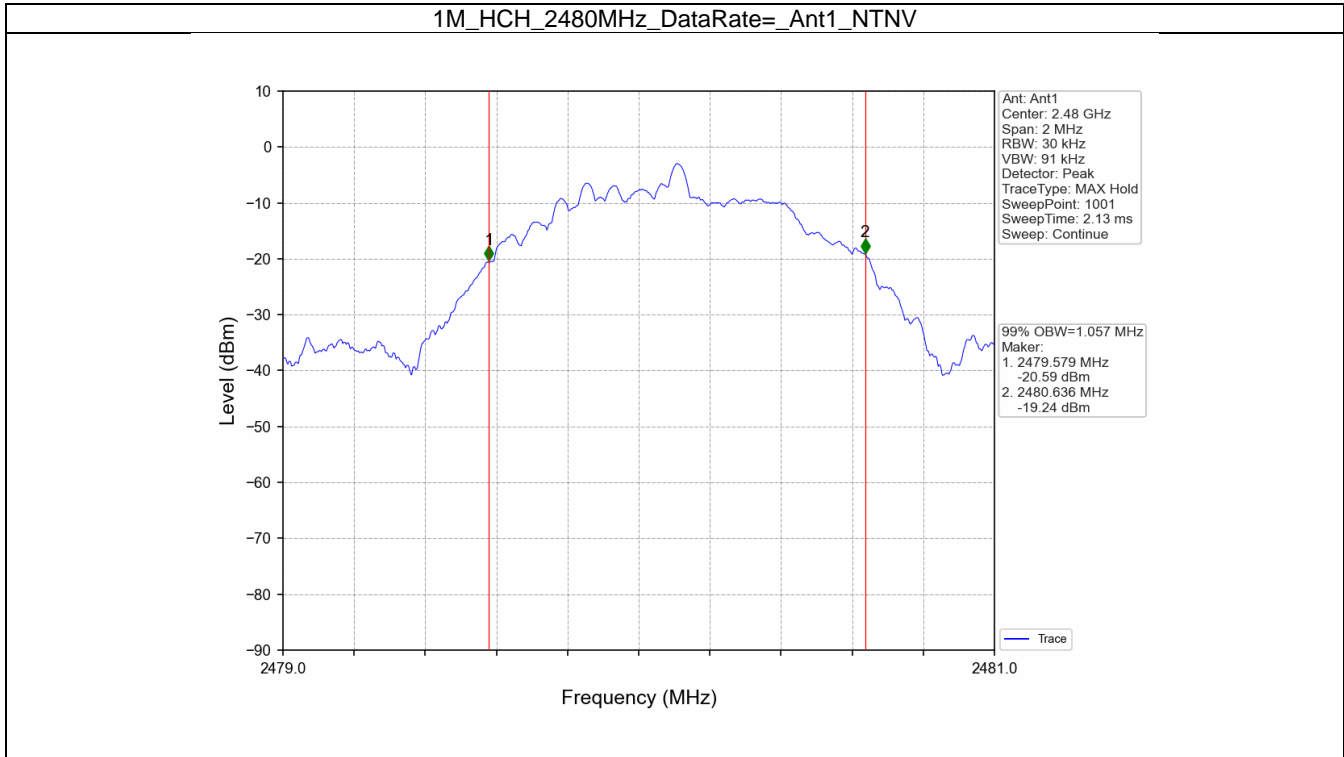
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2.2 6dB BW

2.2.1 Test Result

Mode	TX Type	Frequency (MHz)	Ant	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
1M	SISO	2402	1	0.683	>=0.5	Pass
		2440	1	0.664	>=0.5	Pass
		2480	1	0.674	>=0.5	Pass

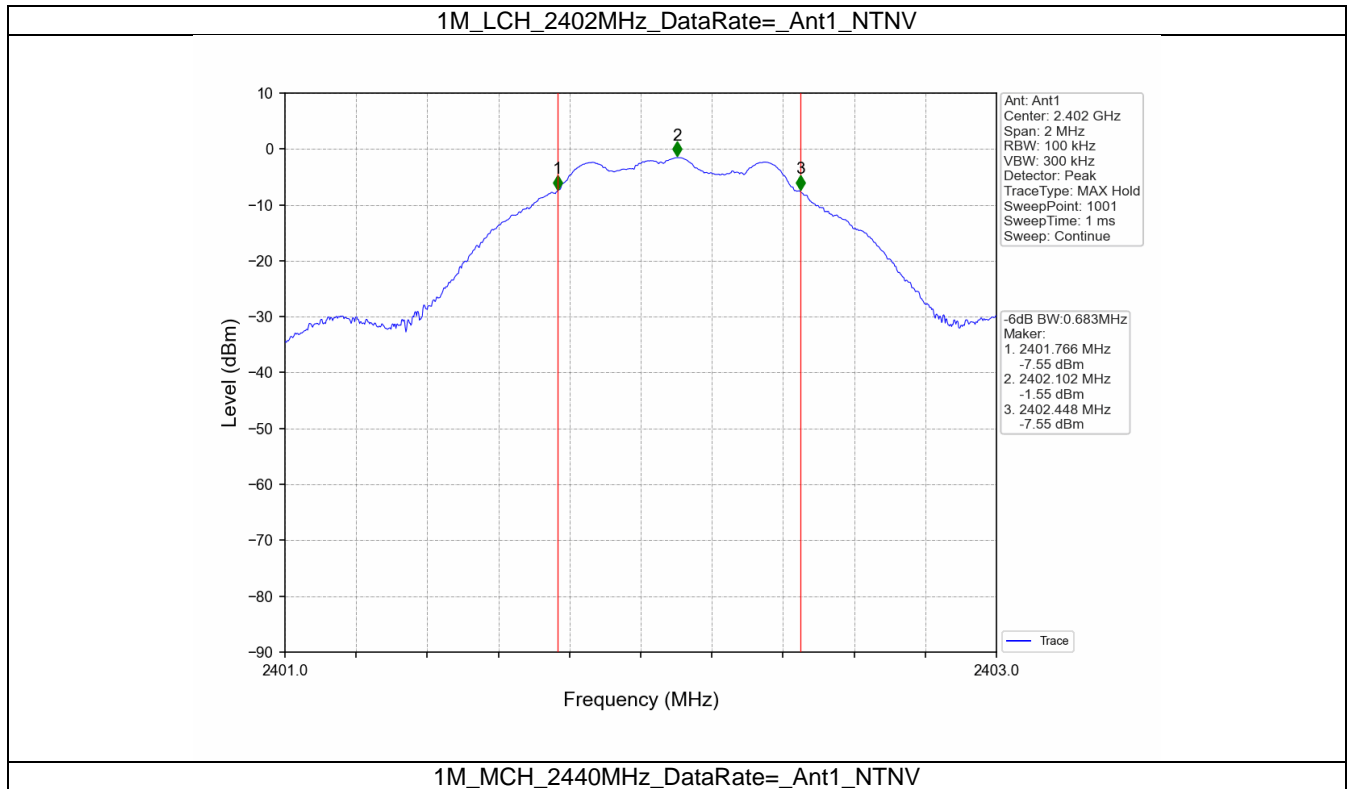


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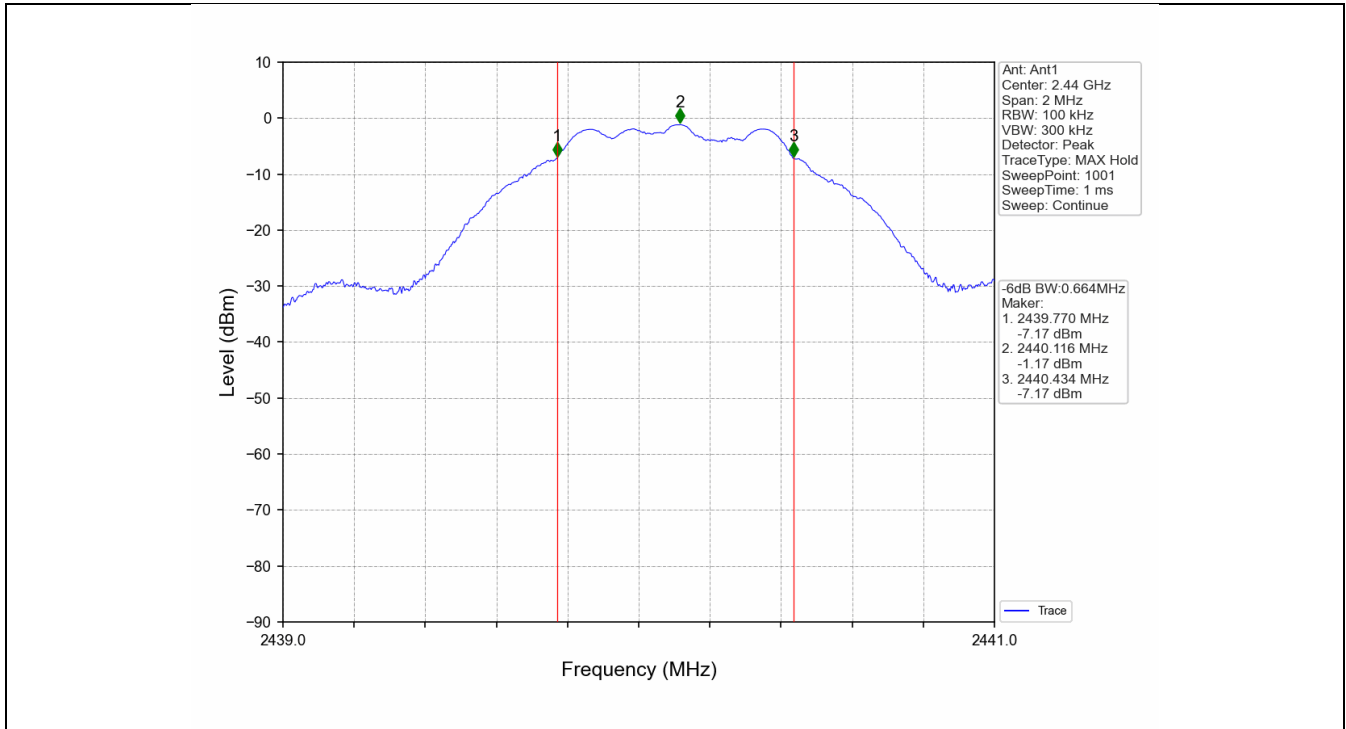
2.2.2 Test Graph



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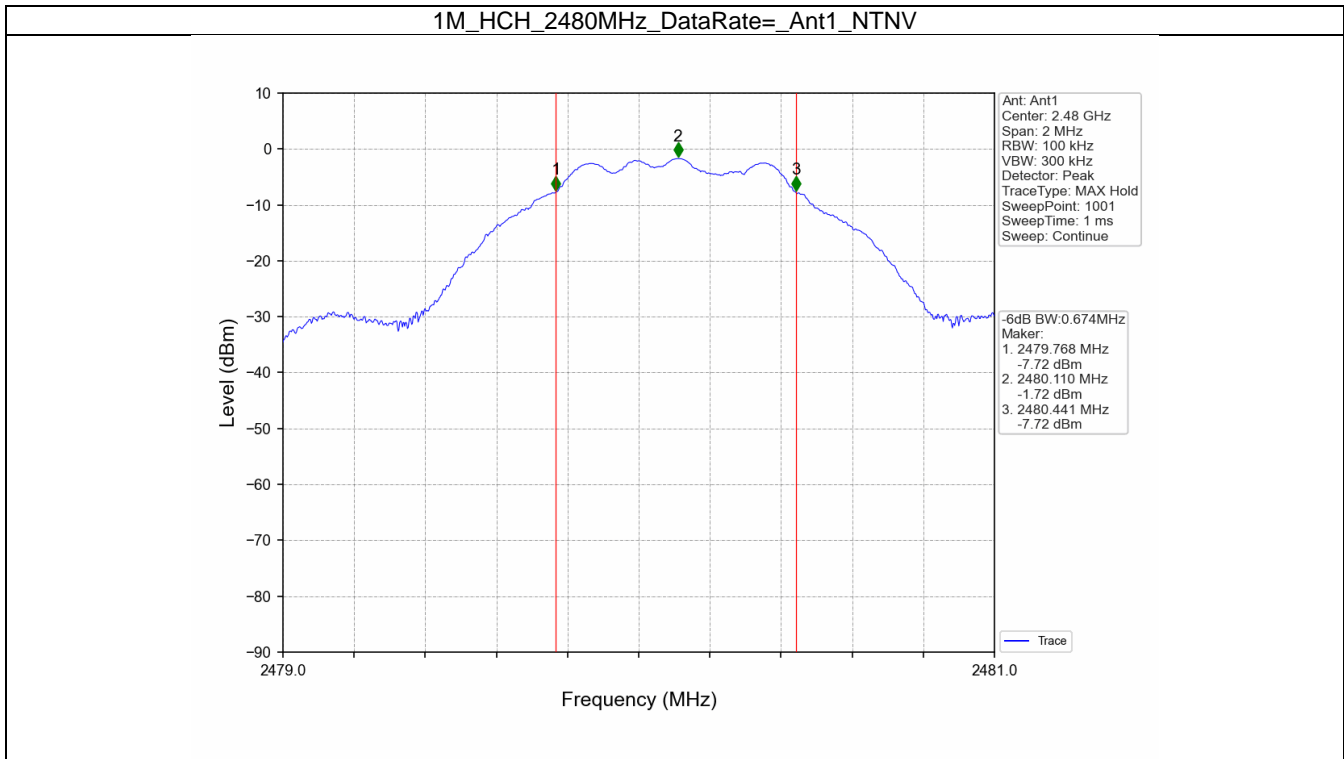
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3. Maximum Conducted Output Power

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	-1.44	<=30	Pass
		2440	-1.04	<=30	Pass
		2480	-1.60	<=30	Pass

Note1: Antenna Gain: Ant1: -5.00dBi;



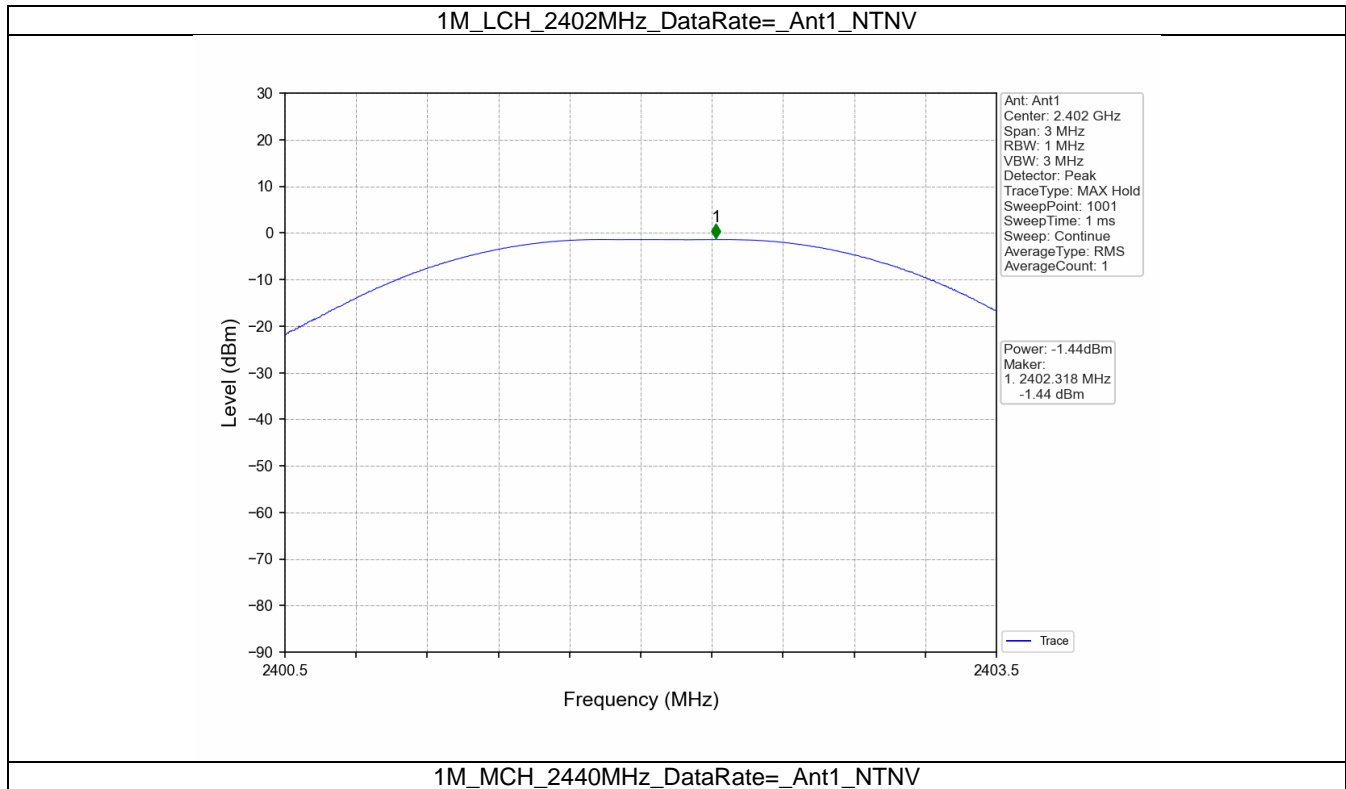
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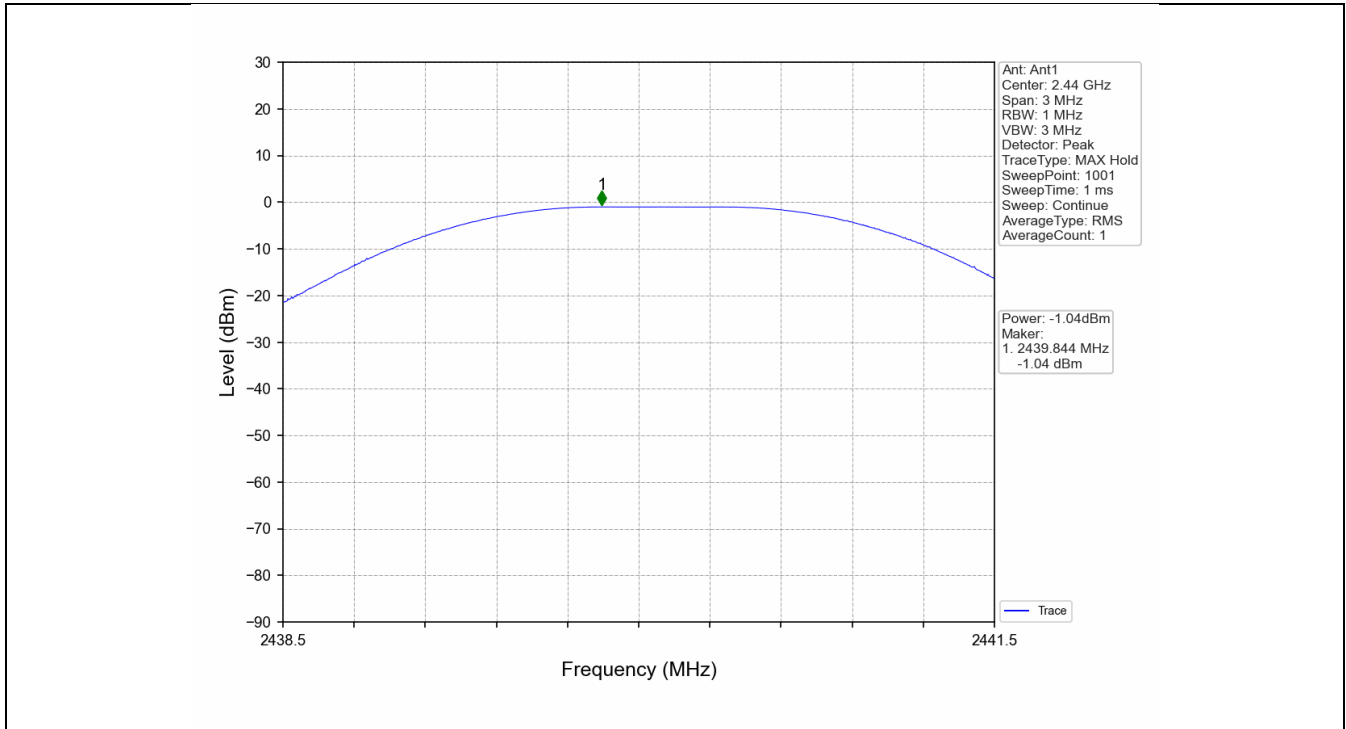
3.1.2 Test Graph



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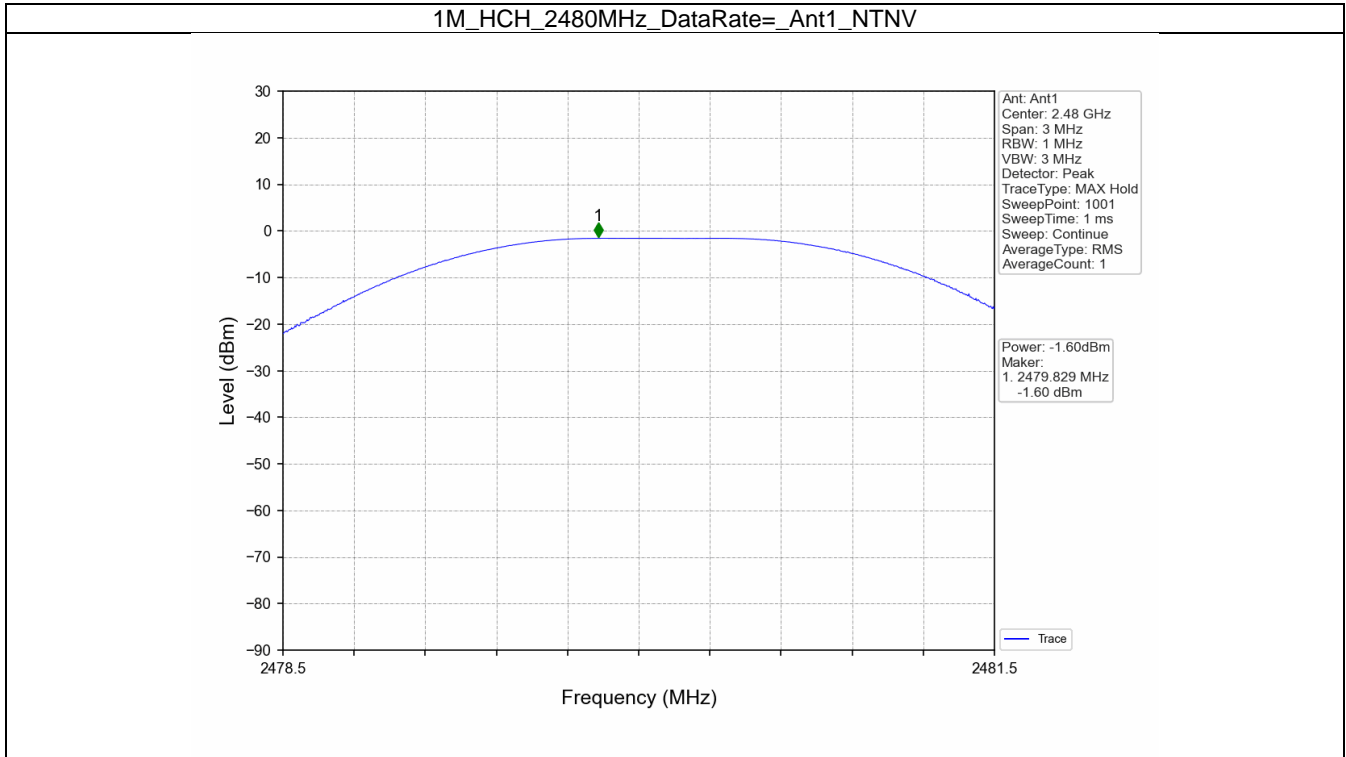
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4. Maximum Power Spectral Density

4.1 PSD

4.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/3kHz)		Verdict
			Ant1	Limit	
1M	SISO	2402	-16.26	<=8	Pass
		2440	-16.62	<=8	Pass
		2480	-17.15	<=8	Pass

Note1: Antenna Gain: Ant1: -5.00dBi;



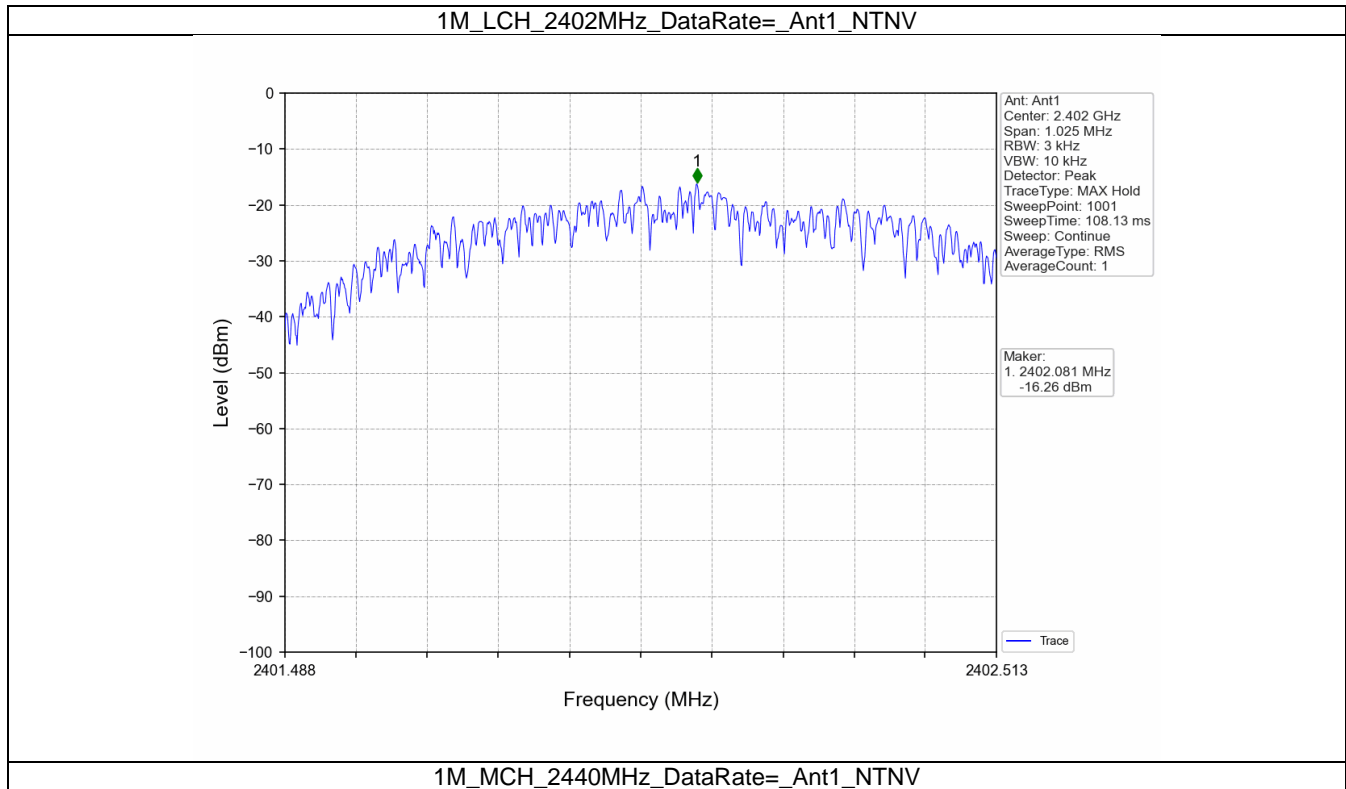
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4.1.2 Test Graph

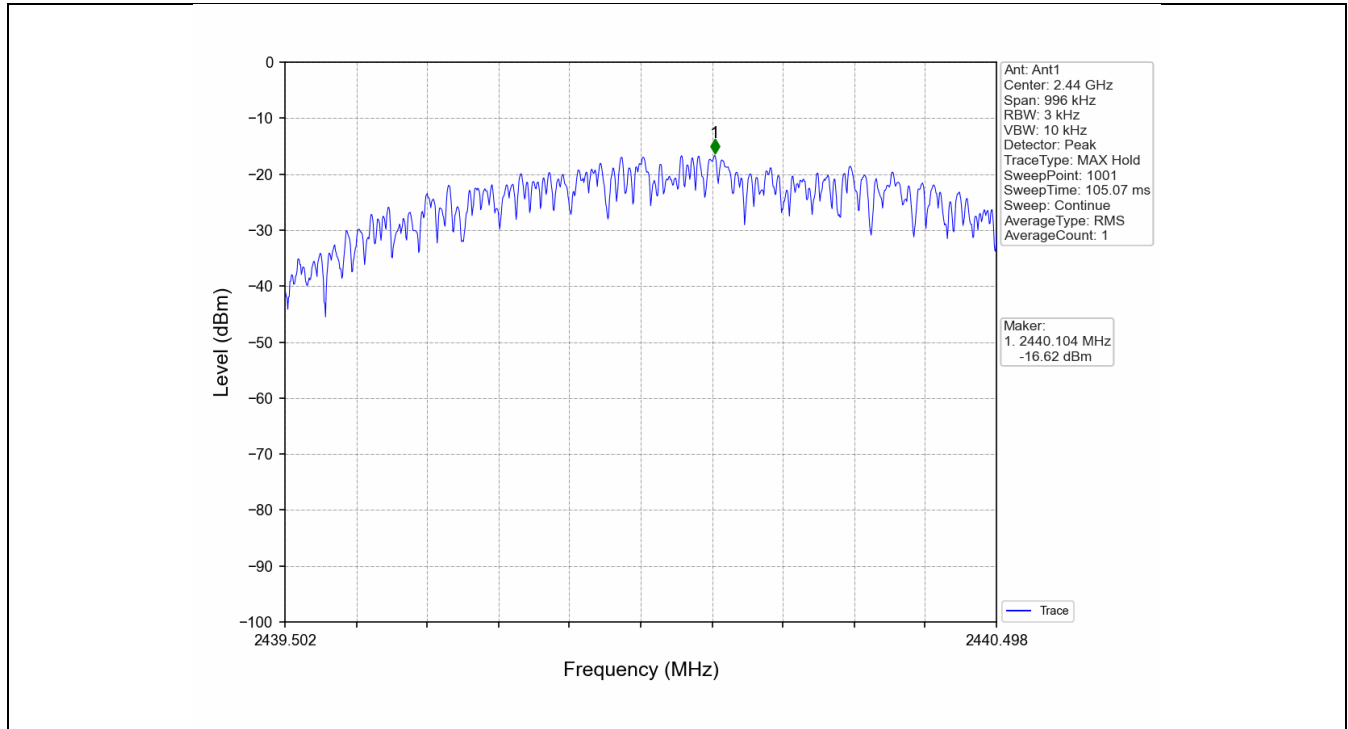


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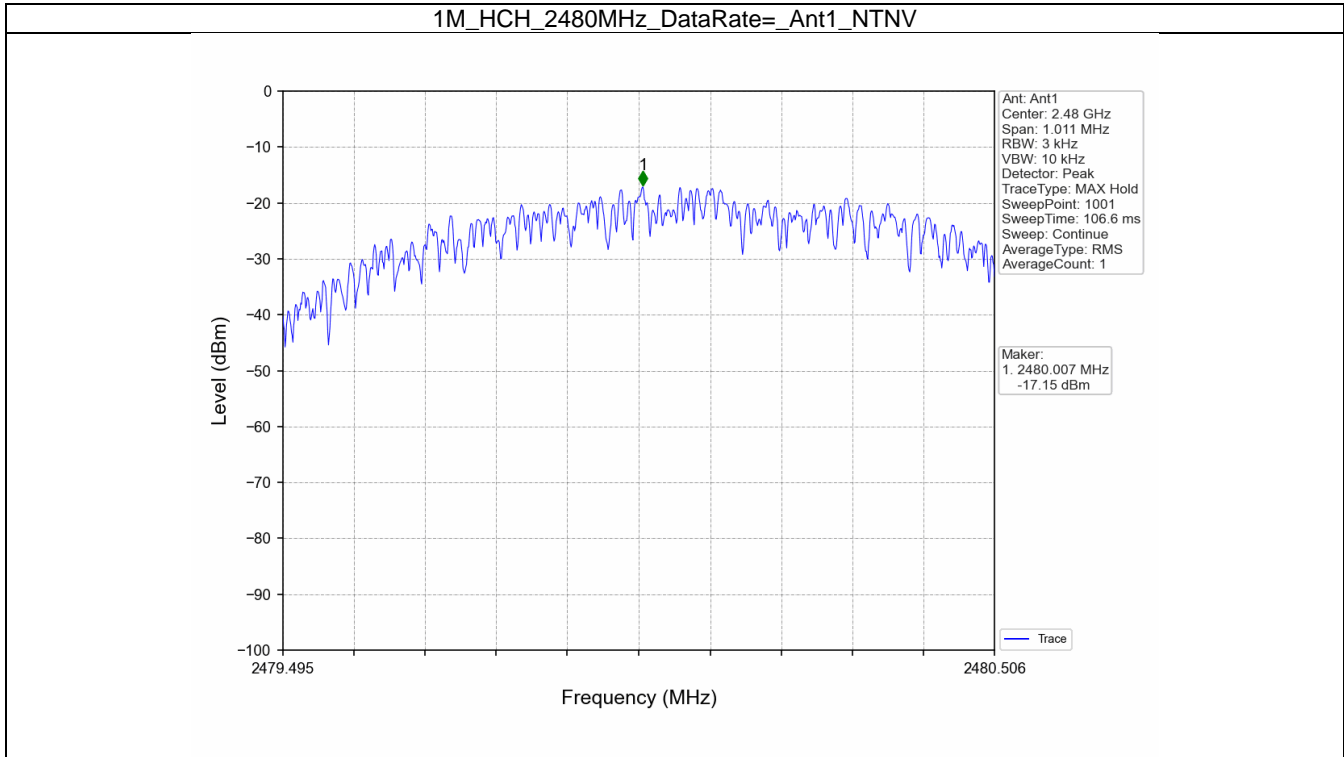


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5. Unwanted Emissions In Non-restricted Frequency Bands

5.1 Ref

5.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Ant	Level of Reference (dBm)
1M	SISO	2402	1	-1.55
		2440	1	-1.16
		2480	1	-1.71

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.



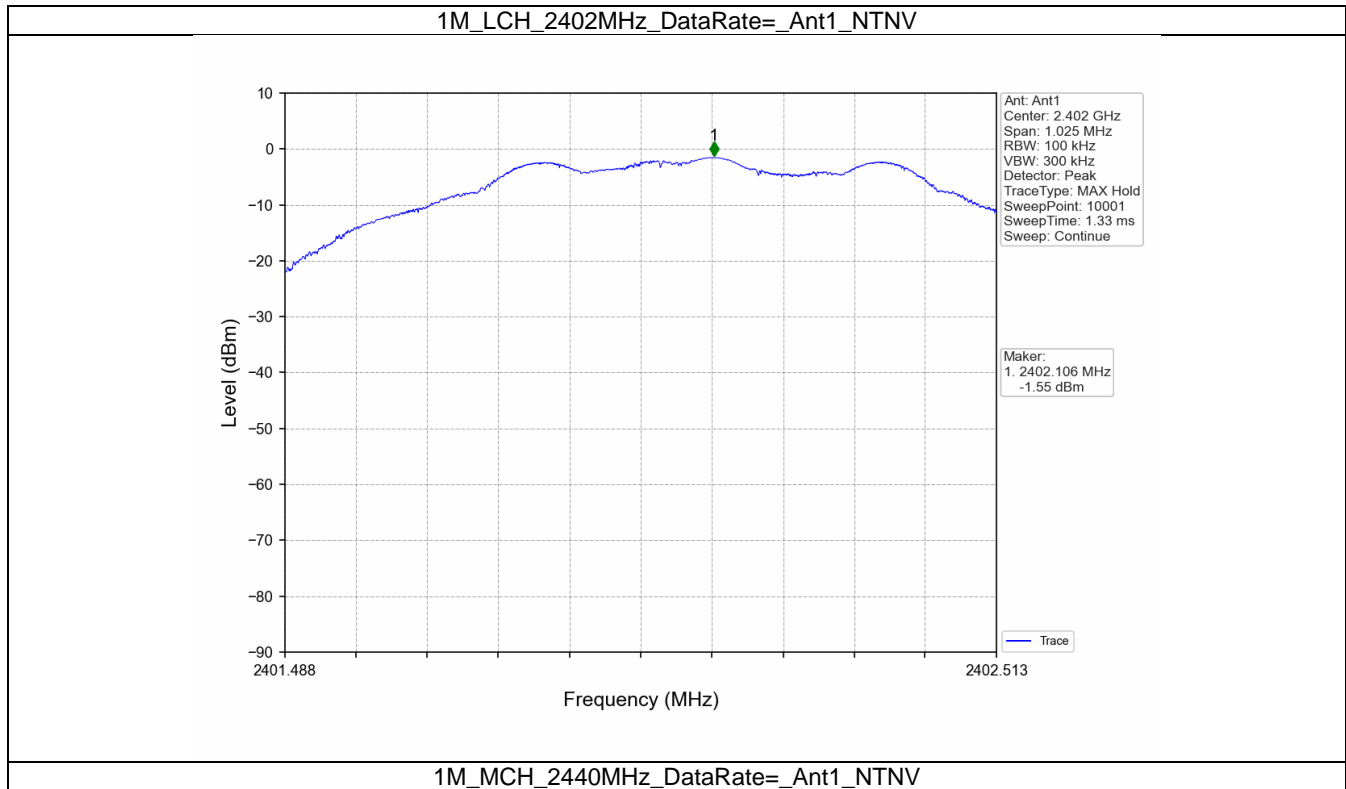
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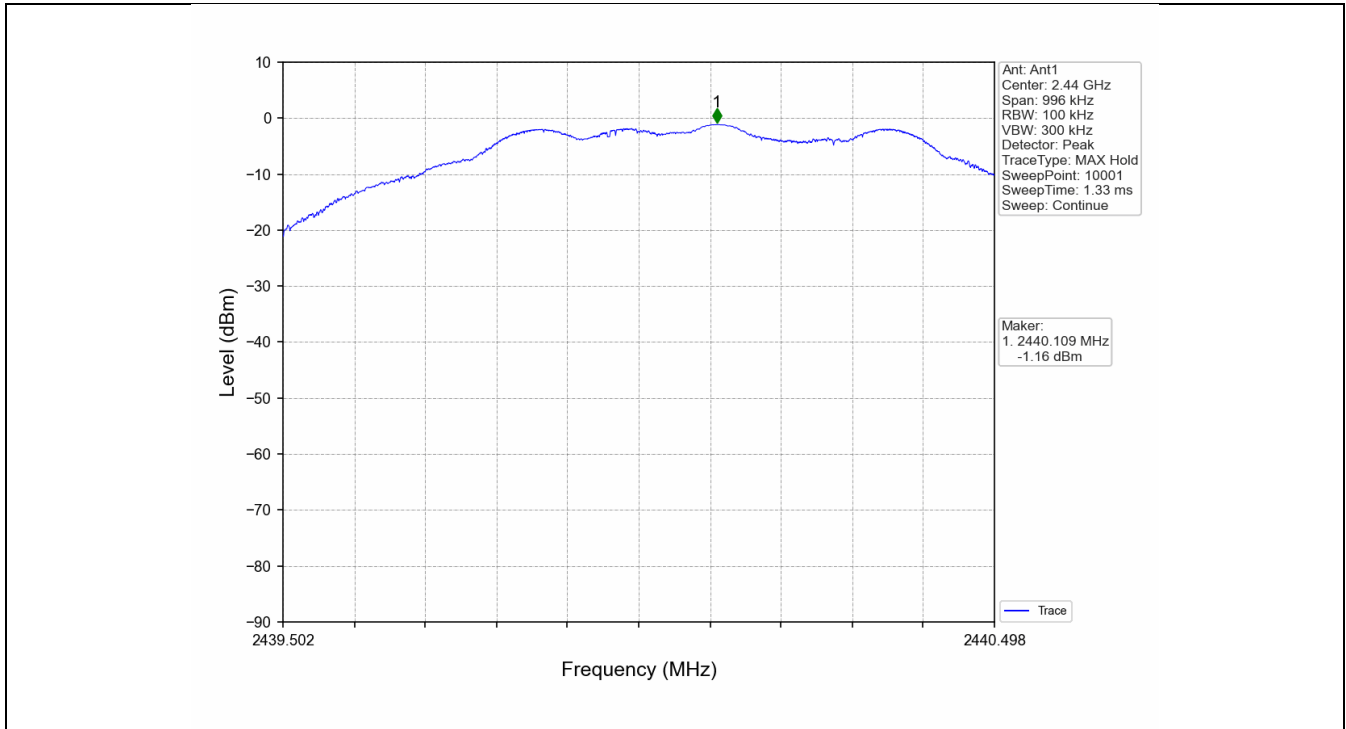
5.1.2 Test Graph



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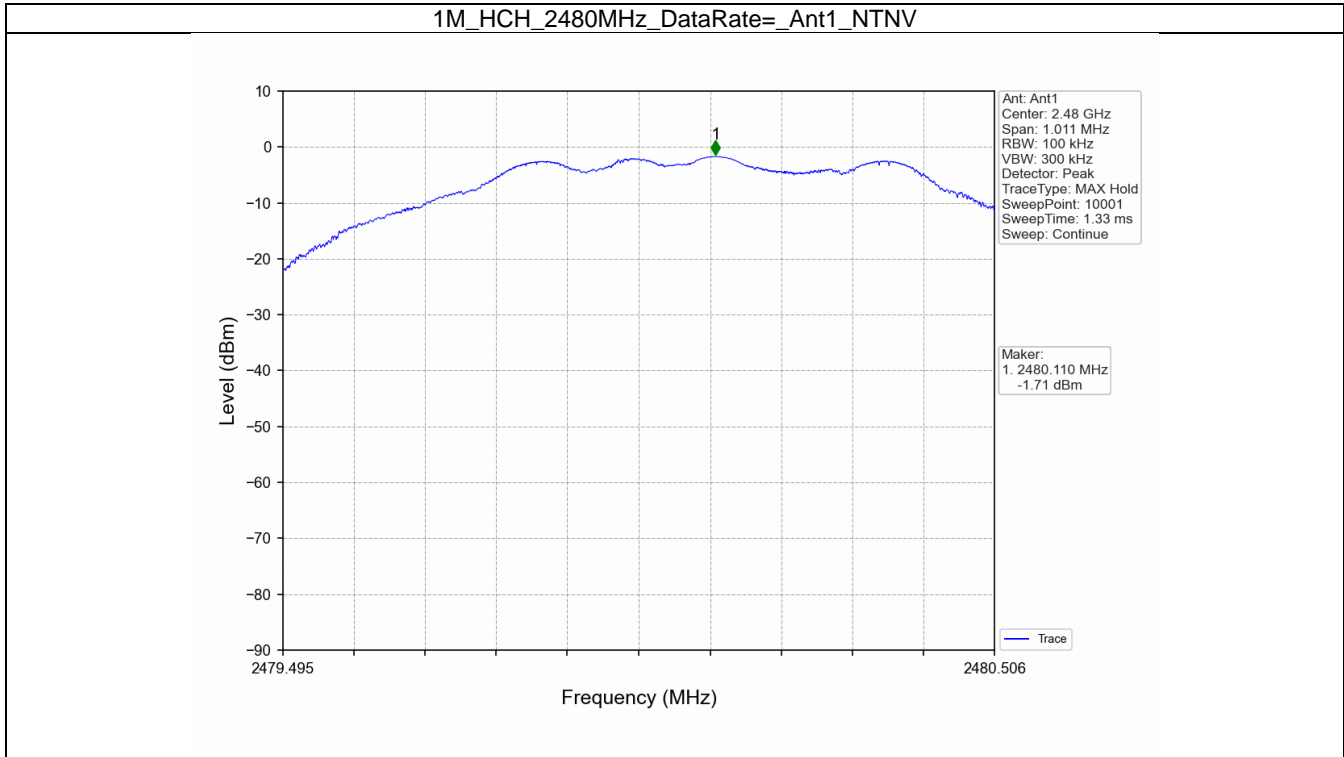
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5.2 CSE

5.2.1 Test Result

Mode	TX Type	Frequency (MHz)	Ant	Level of Reference (dBm)	Limit (dBm)	Verdict
1M	SISO	2402	1	-1.16	-21.16	Pass
		2440	1	-1.16	-21.16	Pass
		2480	1	-1.16	-21.16	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.

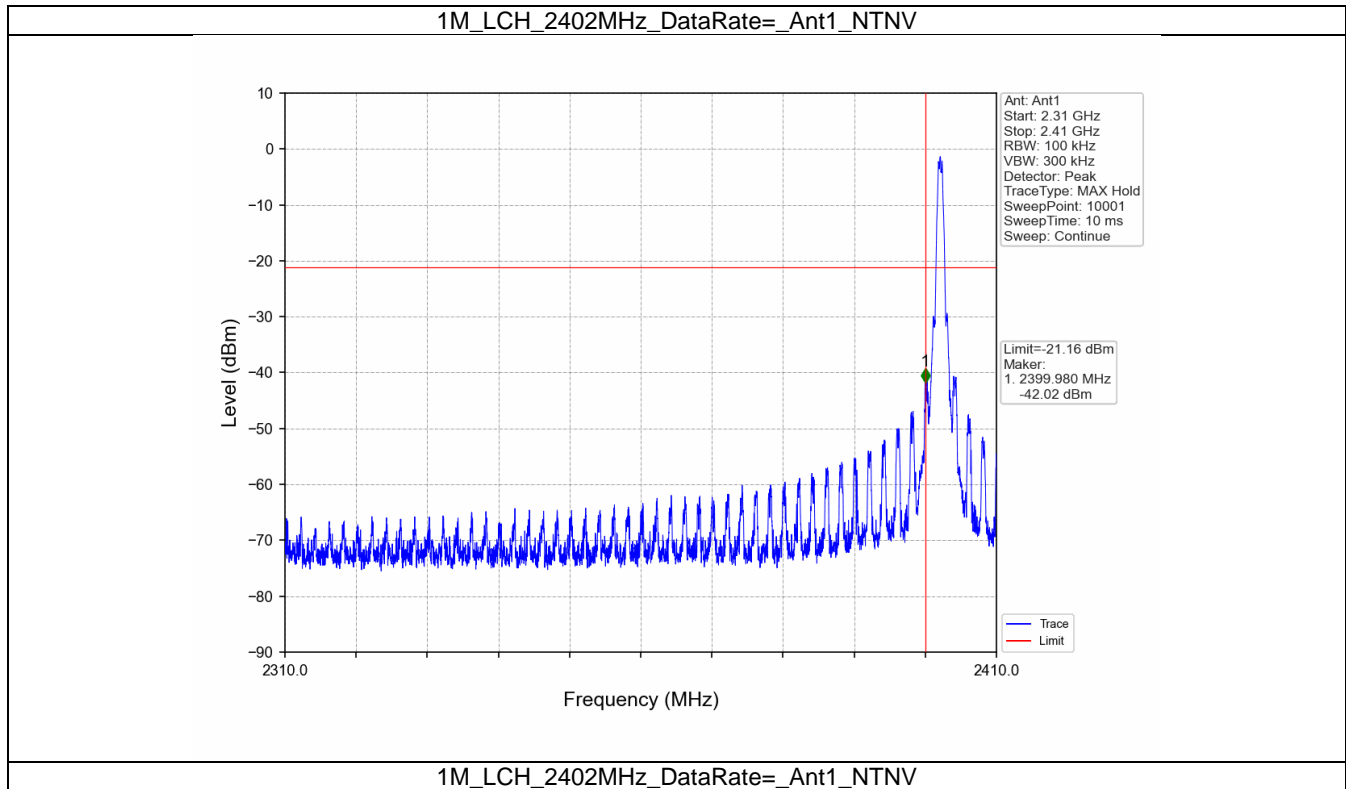


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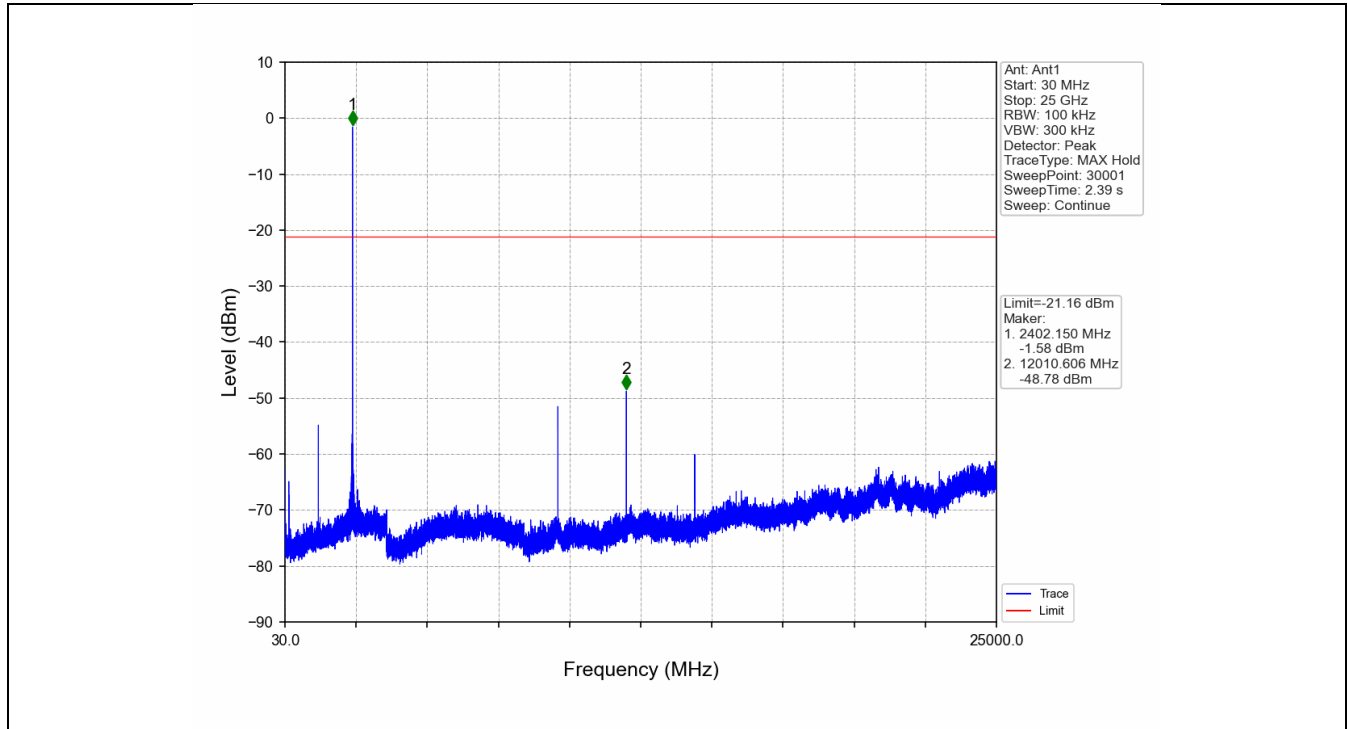
5.2.2 Test Graph



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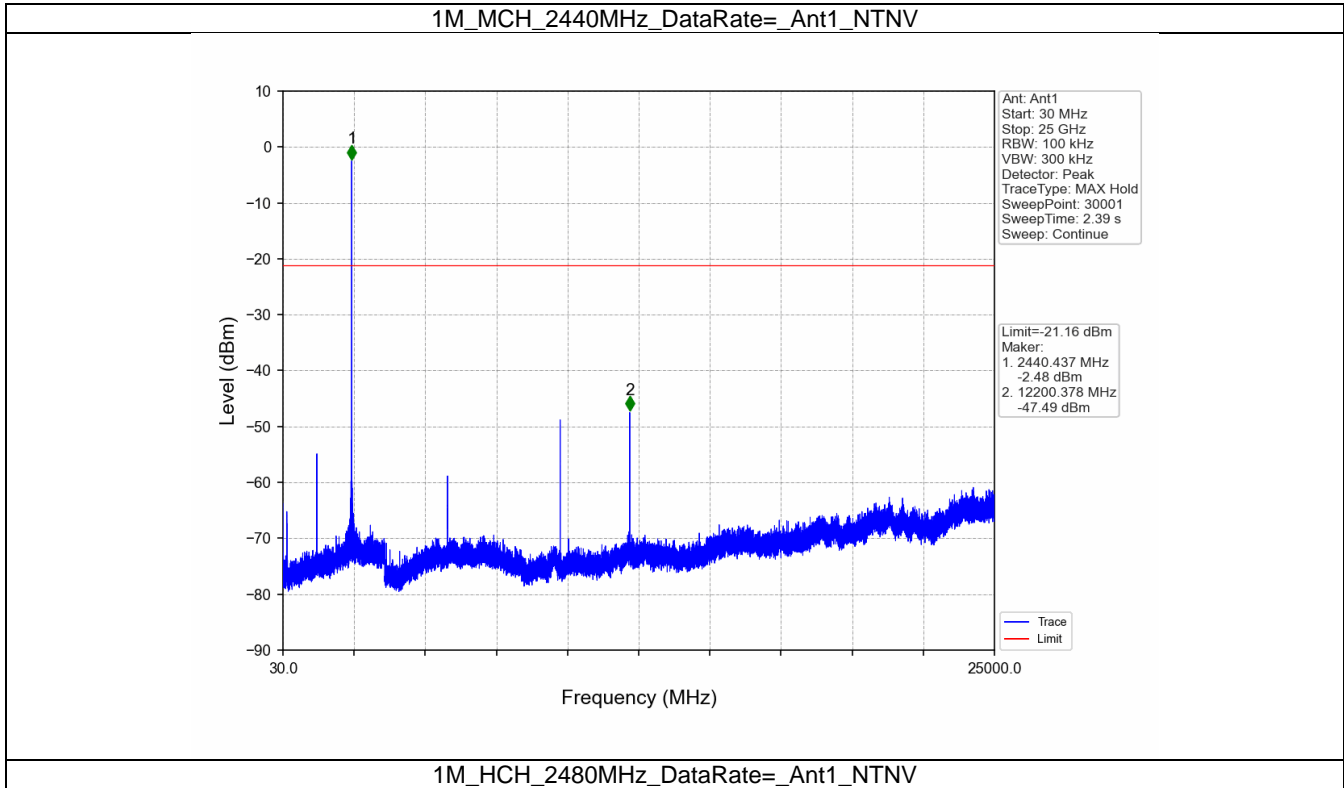
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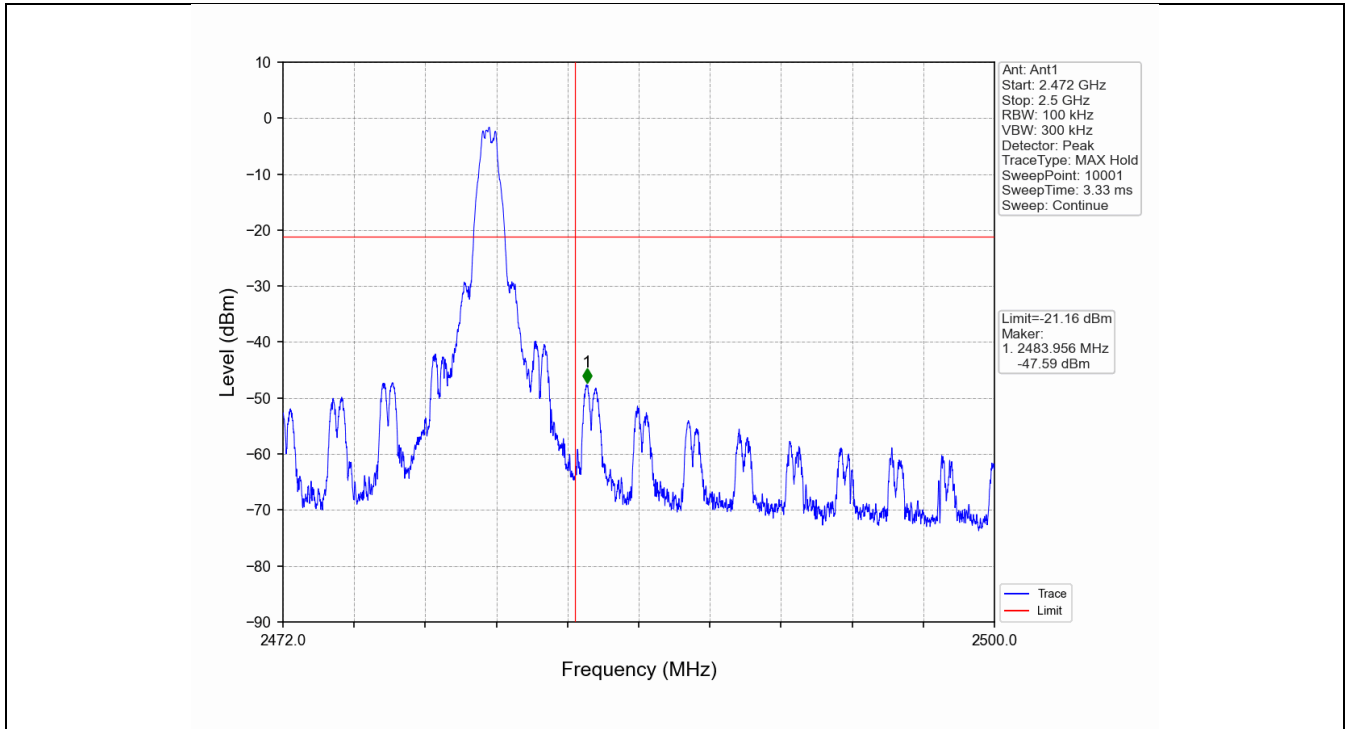
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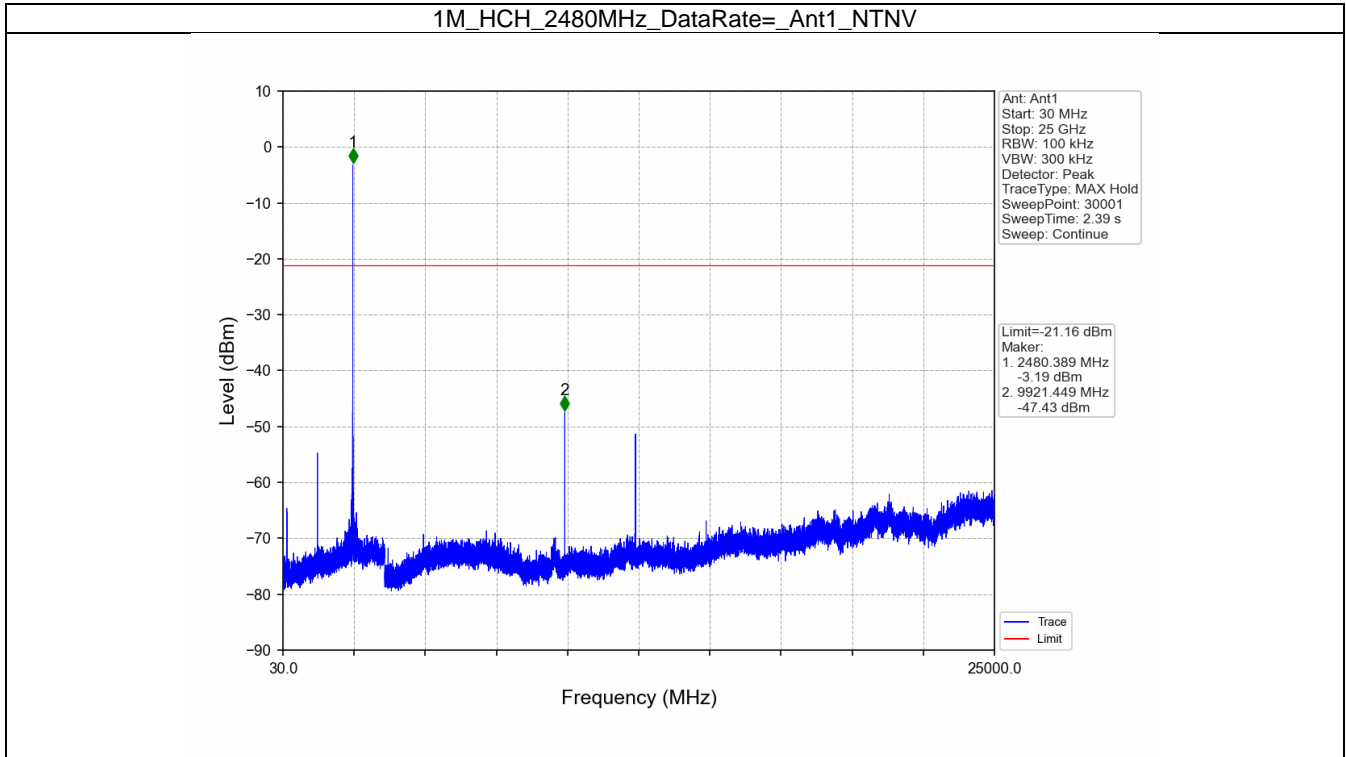
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