



Appendix C for SHEM210400289603

1. Duty Cycle

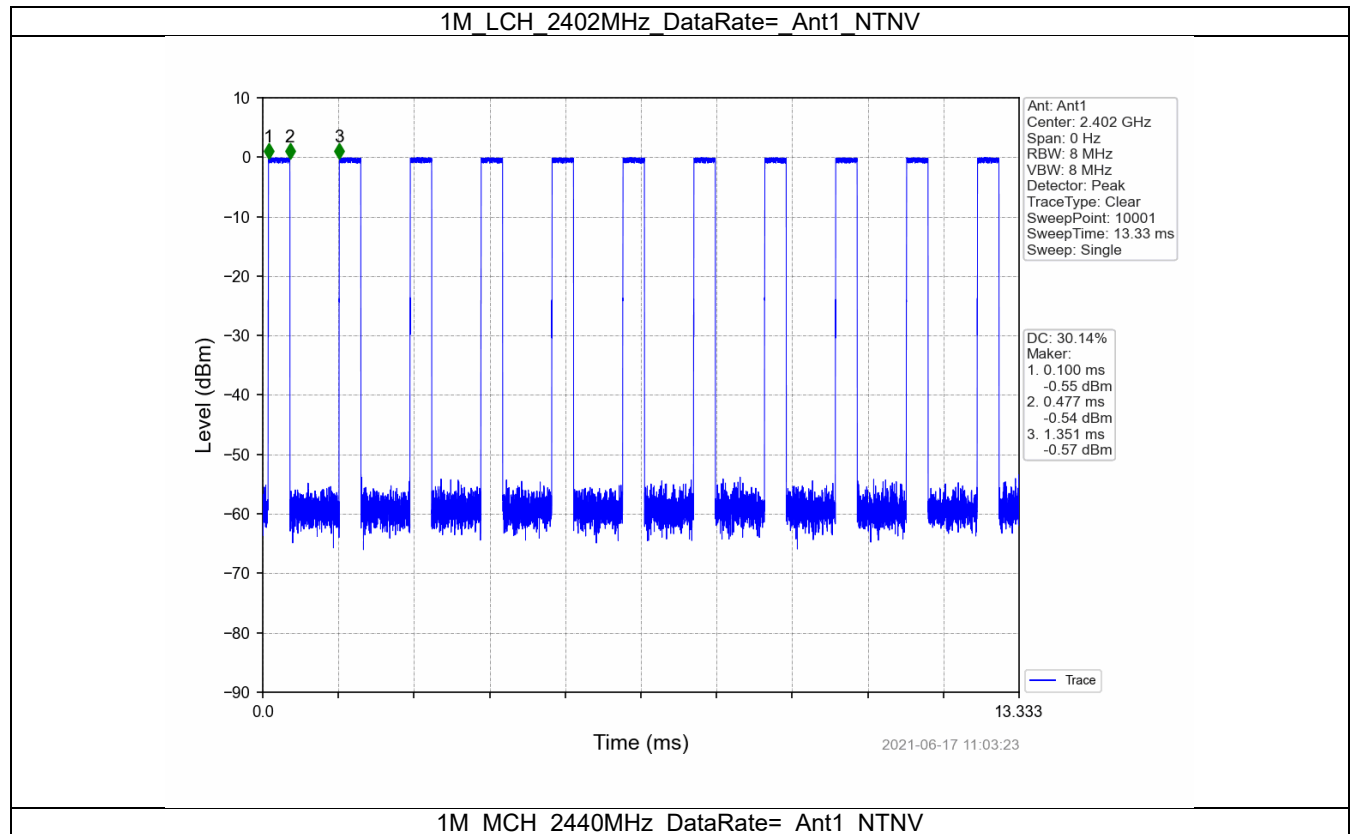
1.1 Ant1

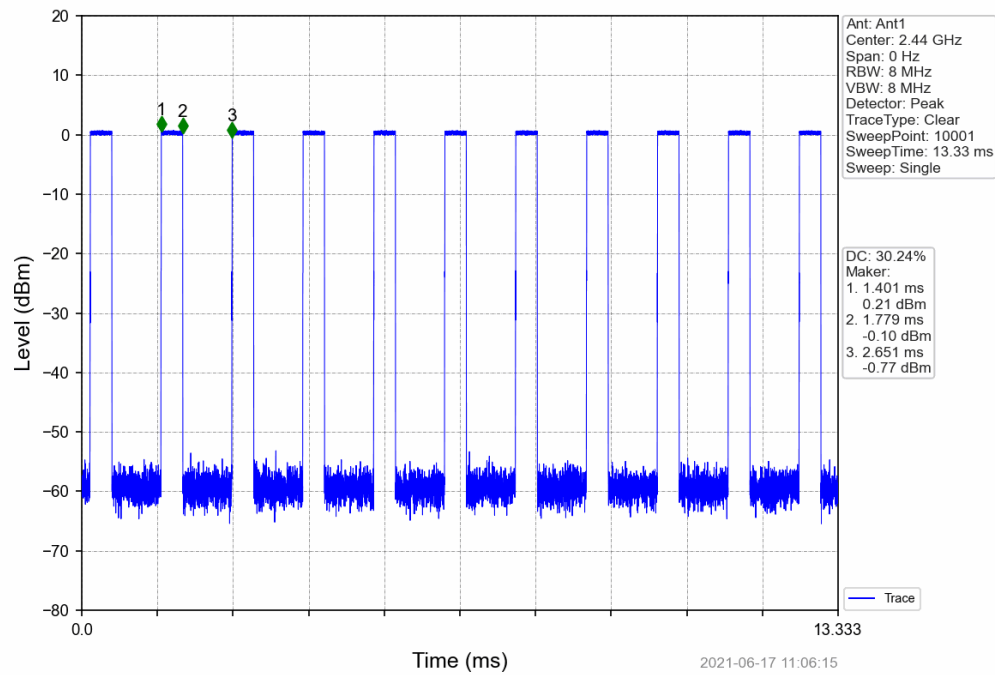
1.1.1 Test Result

Ant1							
Mode	TX Type	Frequency (MHz)	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
1M	SISO	2402	0.38	1.25	30.14	5.21	0.03
		2440	0.38	1.25	30.24	5.19	0.07
		2480	0.38	1.25	30.24	5.19	0.07
Note1: Only for Report Use							



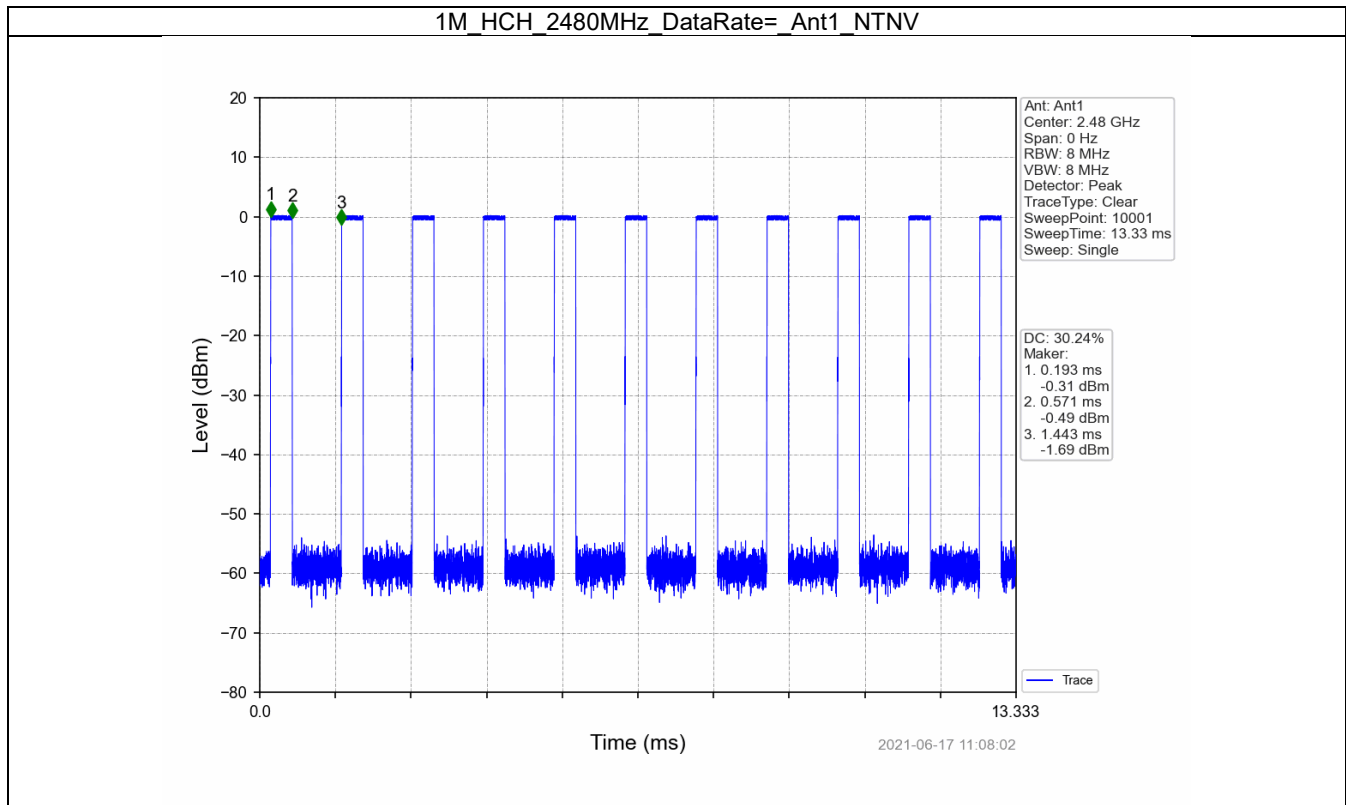
1.1.2 Test Graph





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2. Bandwidth

2.1 OBW

2.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Ant	99% Occupied Bandwidth (MHz)	Limit	Verdict
1M	SISO	2402	1	1.05	/	Note1
		2440	1	1.05	/	Note1
		2480	1	1.05	/	Note1

Note1: Only for Report Use

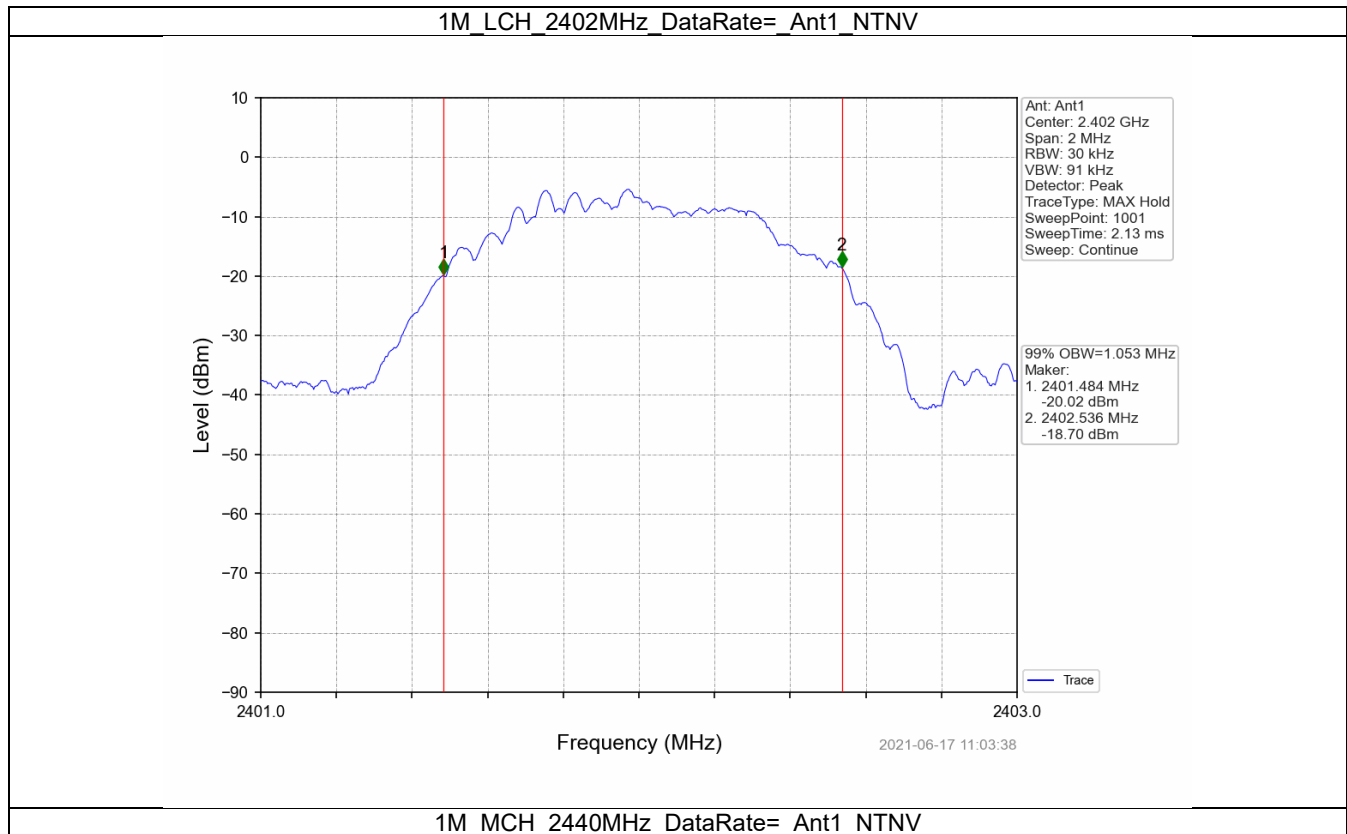


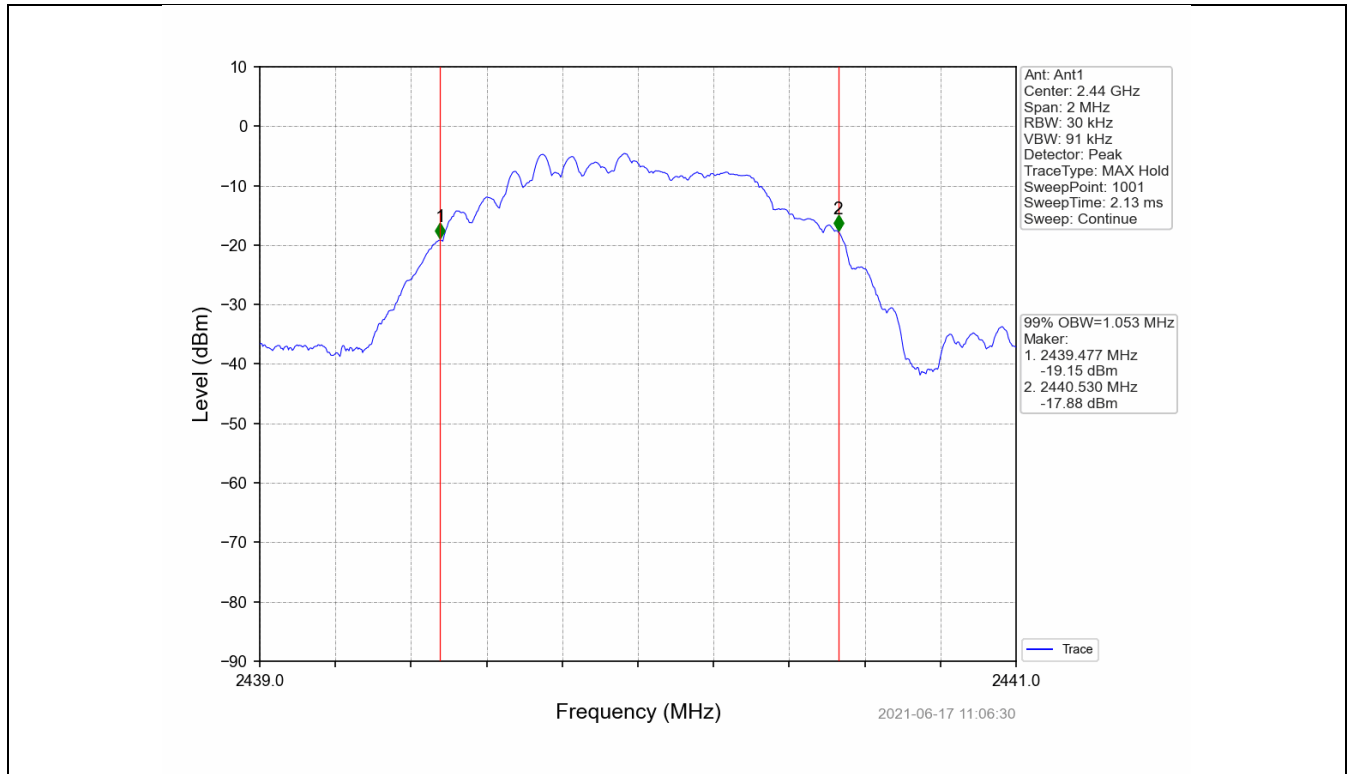
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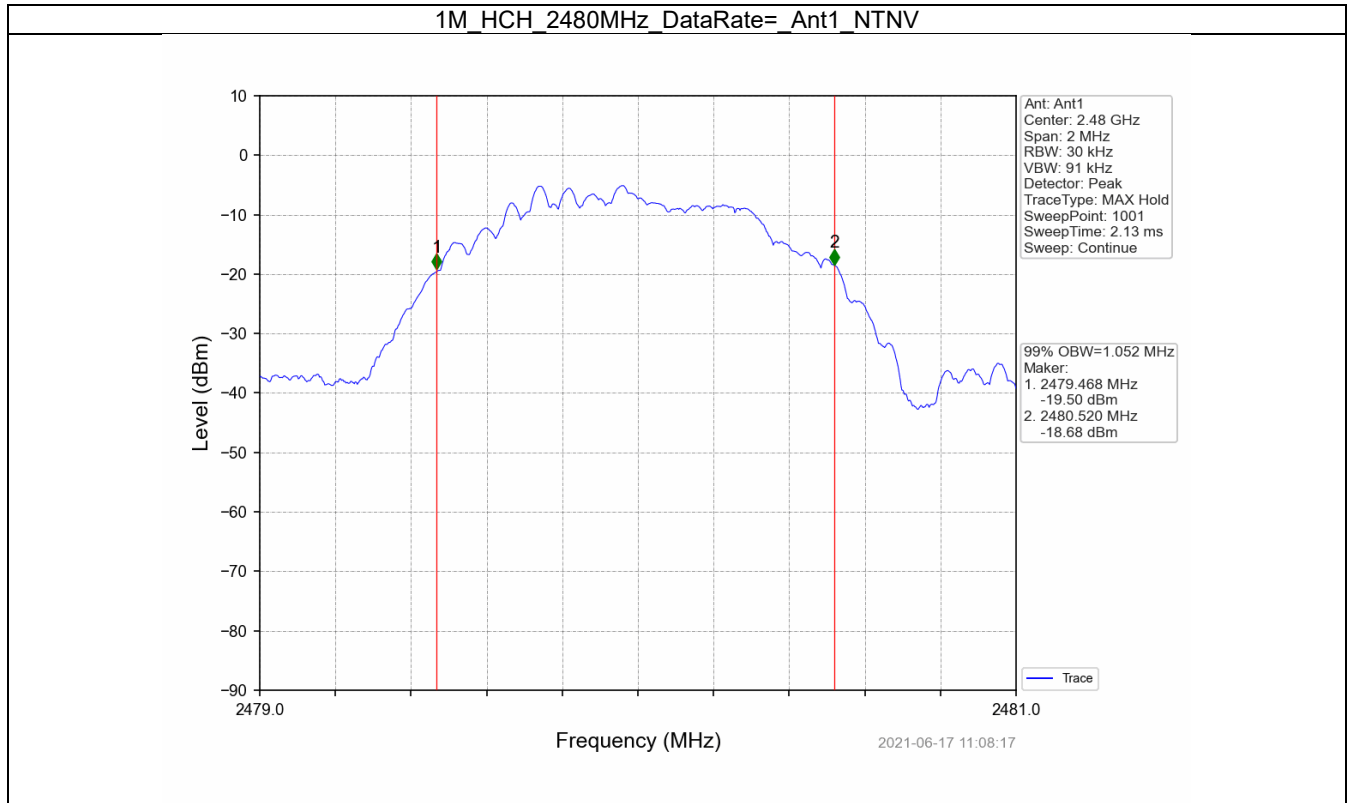
2.1.2 Test Graph





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2.2 6dB BW

2.2.1 Test Result

Mode	TX Type	Frequency (MHz)	Ant	6dB Bandwidth (MHz)	Limit	Verdict
1M	SISO	2402	1	0.71	≥ 0.5	Pass
		2440	1	0.71	≥ 0.5	Pass
		2480	1	0.72	≥ 0.5	Pass

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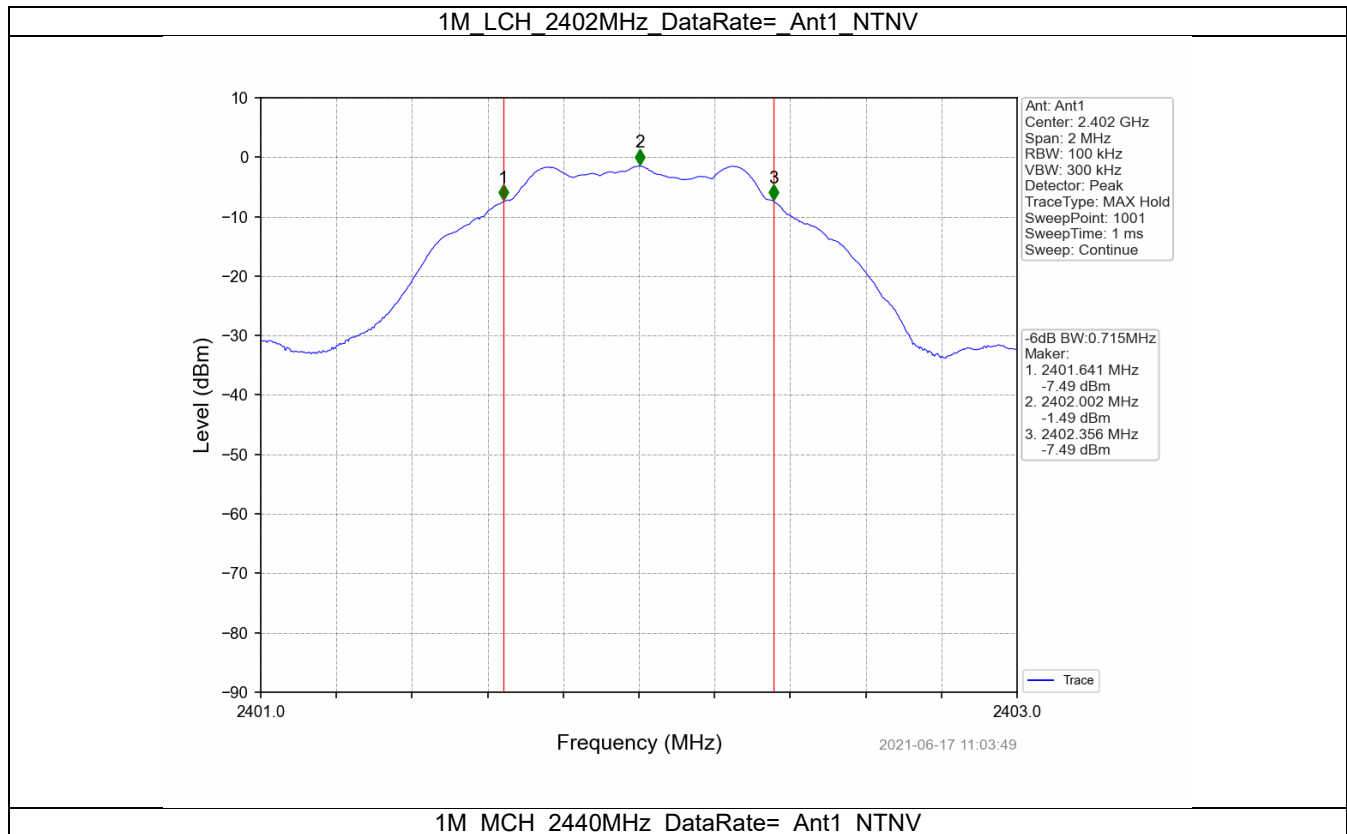
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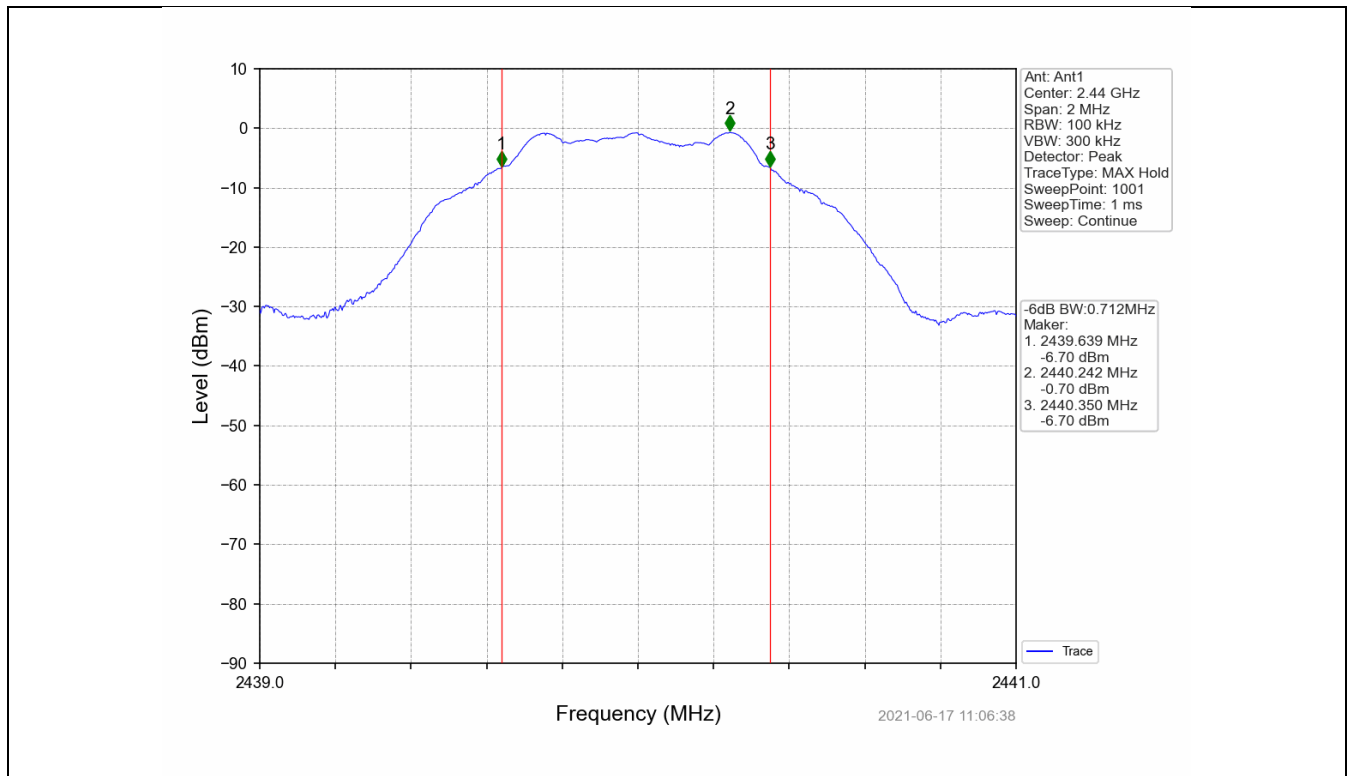
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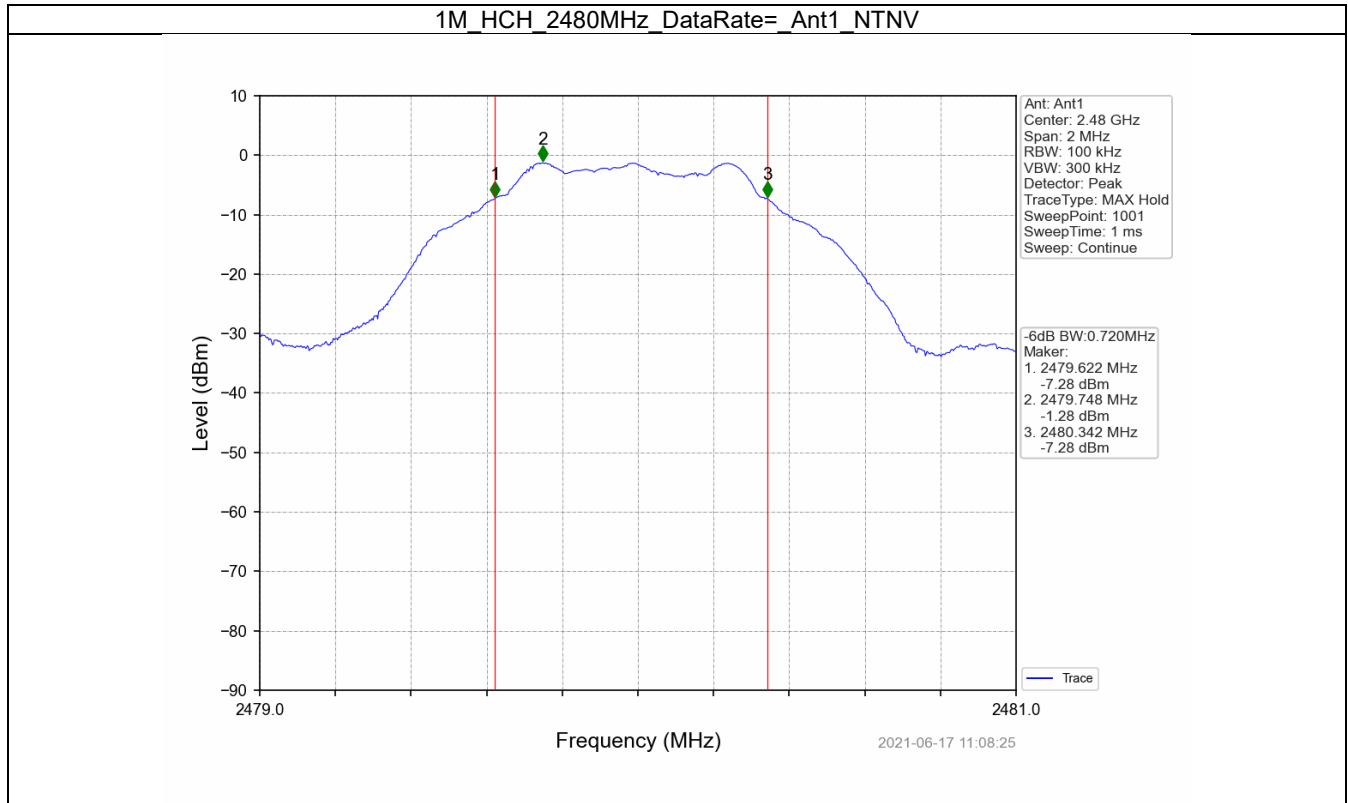
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2.2.2 Test Graph









3. Maximum Conducted Output Power

3.1 Power

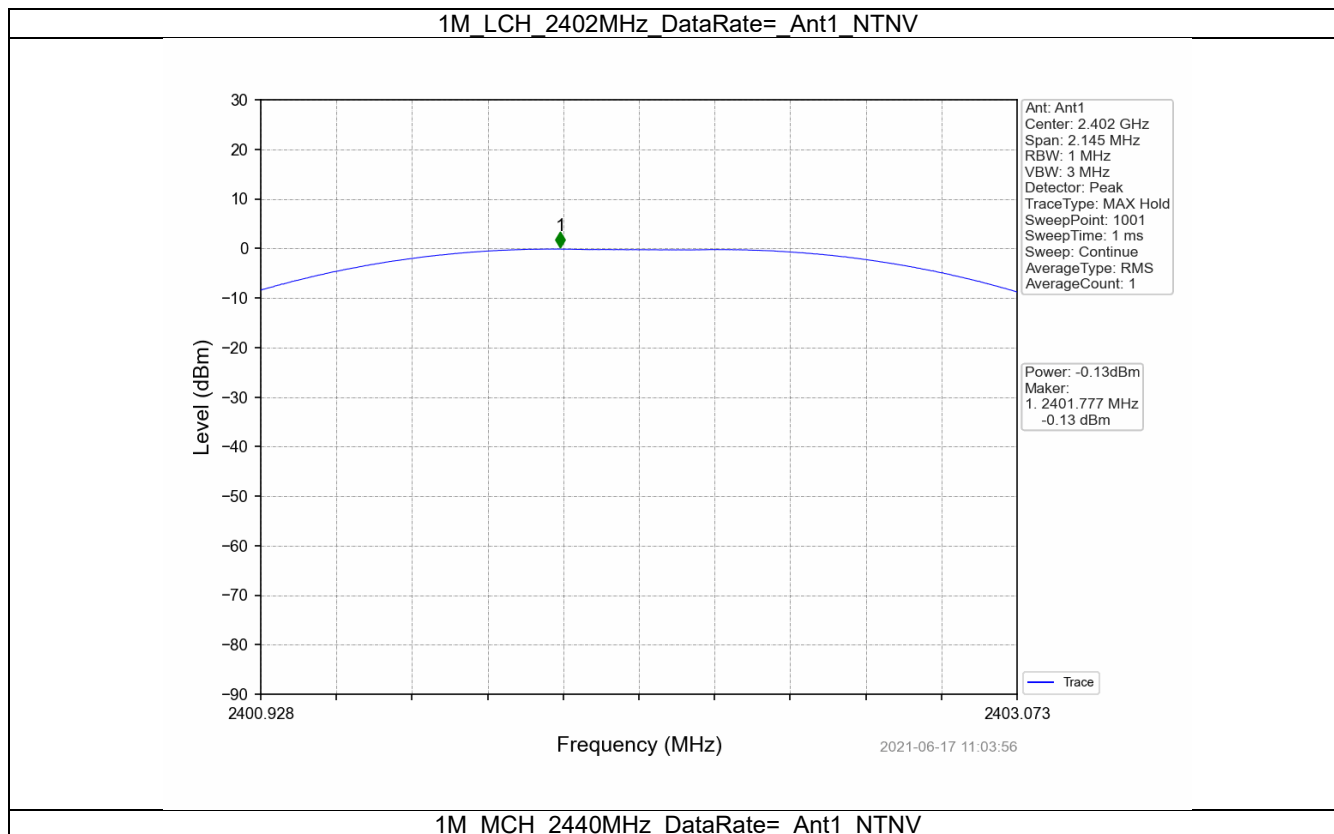
3.1.1 Test Result

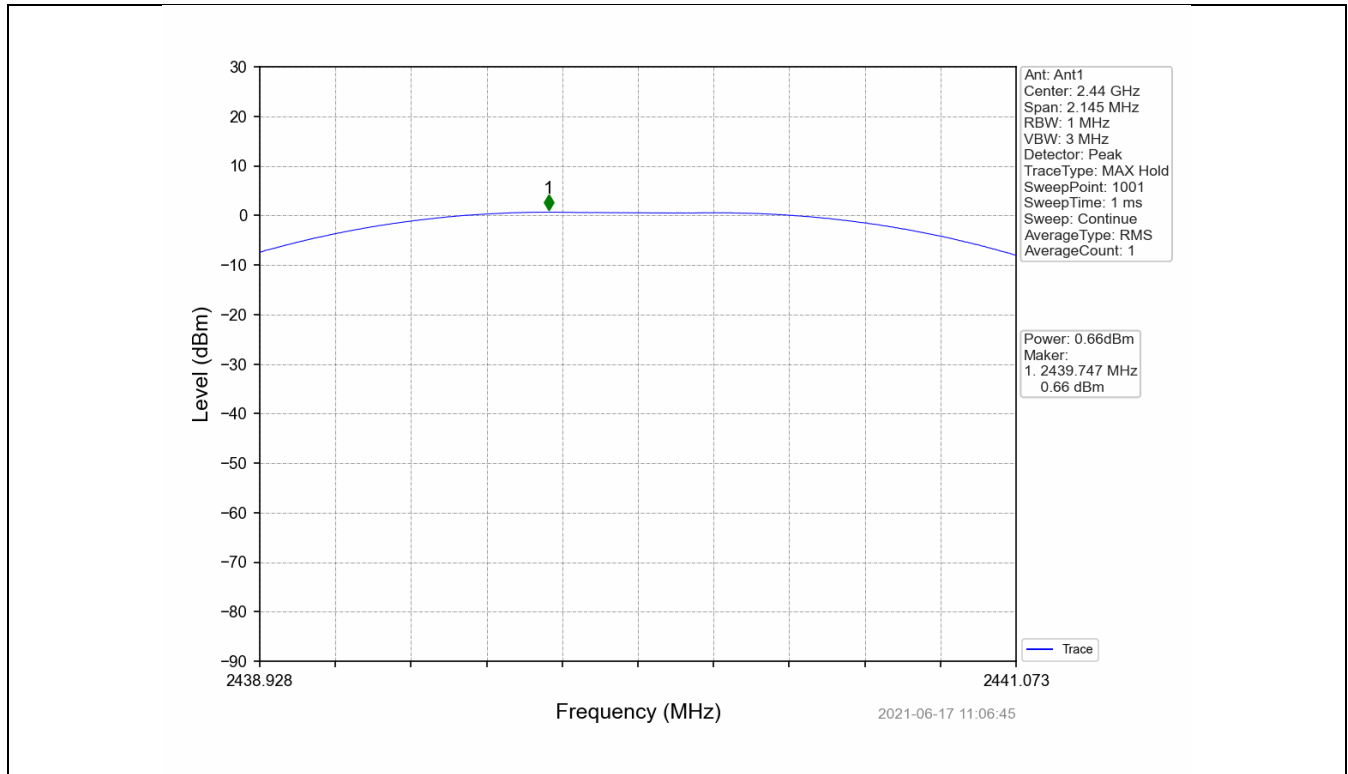
Mode	TX Type	Frequency (MHz)	Measured Peak Output Power (dBm)	Limit (dBm)	Verdict
			Ant1		
1M	SISO	2402	-0.13	<=30	Pass
		2440	0.66	<=30	Pass
		2480	0.20	<=30	Pass

Note1: Antenna Gain: 1: -5.58dBi;



3.1.2 Test Graph





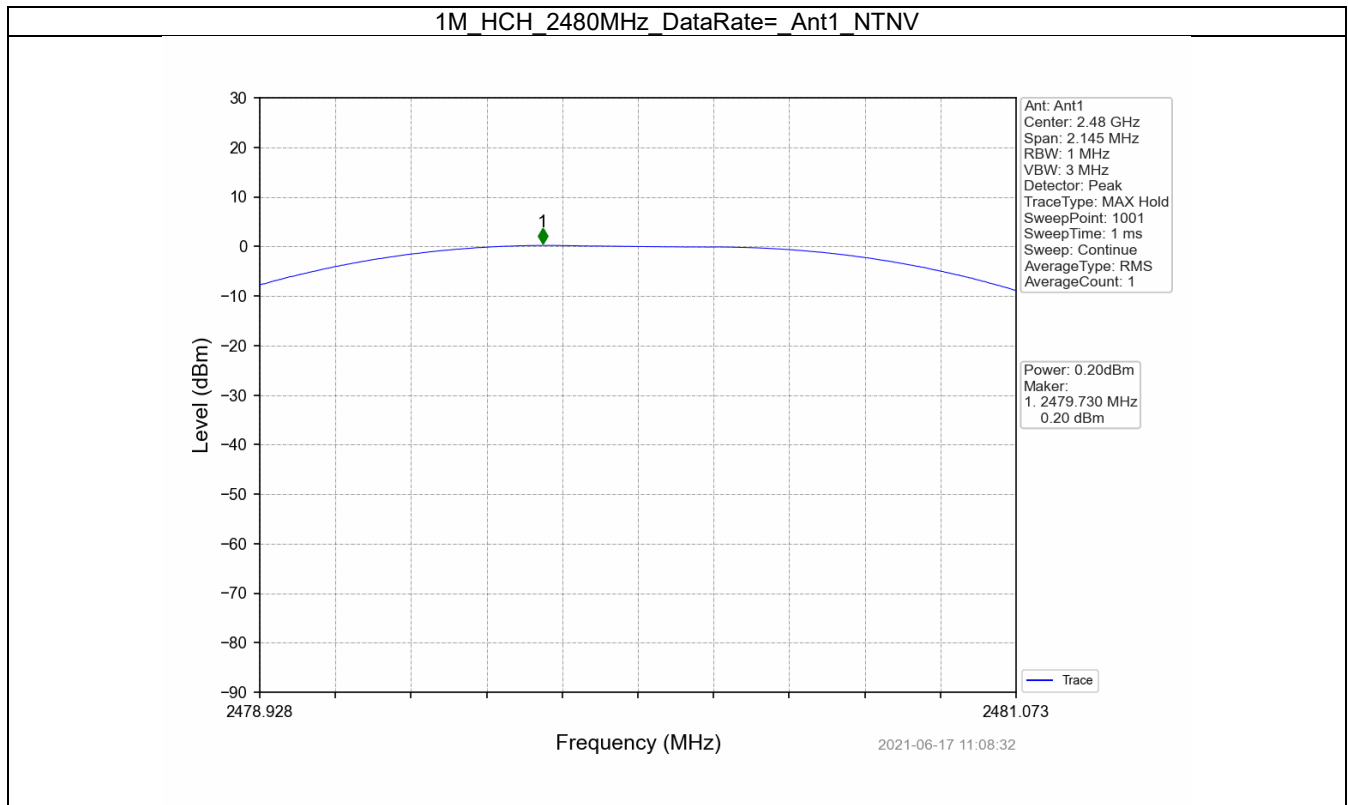
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4. Maximum Power Spectral Density

4.1 PSD

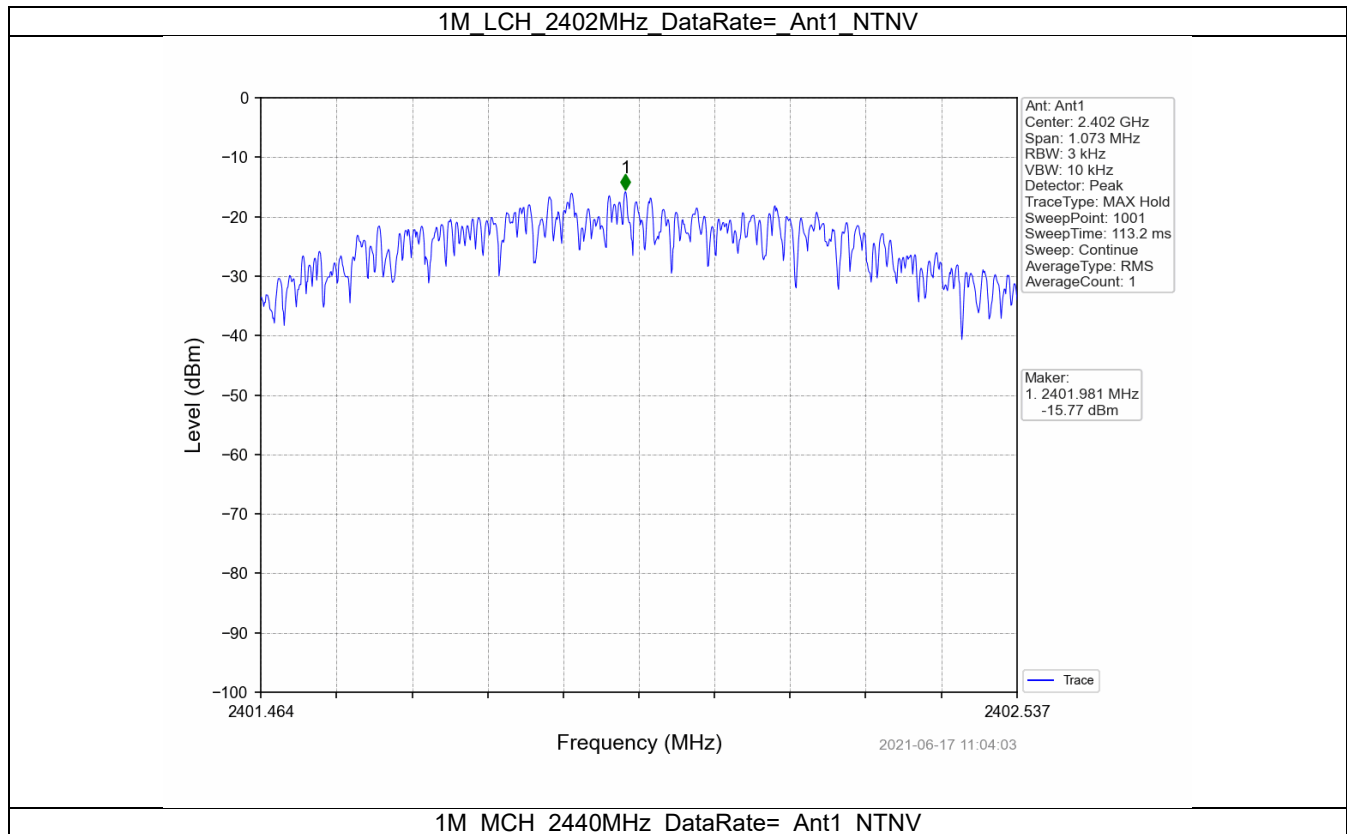
4.1.1 Test Result

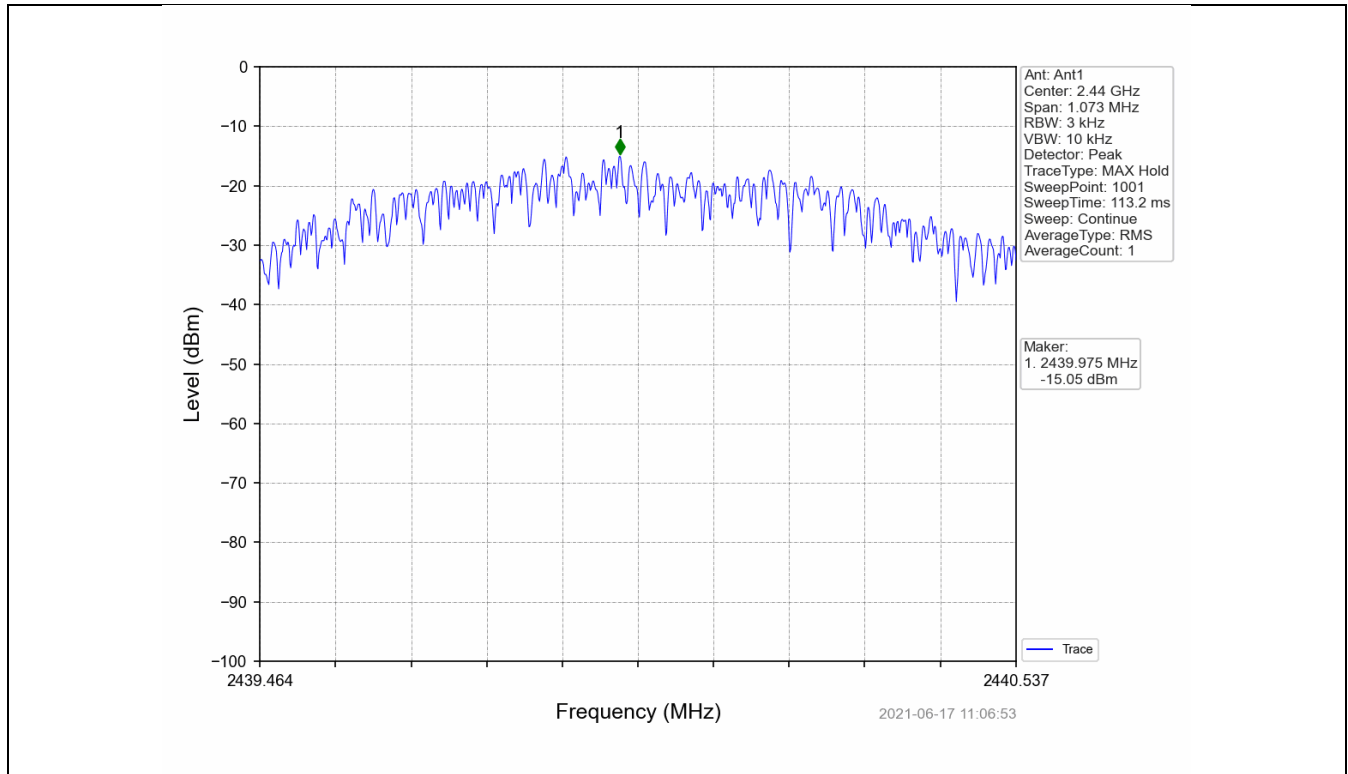
Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
			Ant1		
1M	SISO	2402	-15.77	<=8	Pass
		2440	-15.05	<=8	Pass
		2480	-15.55	<=8	Pass

Note1: Antenna Gain: 1: -5.58dBi;



4.1.2 Test Graph





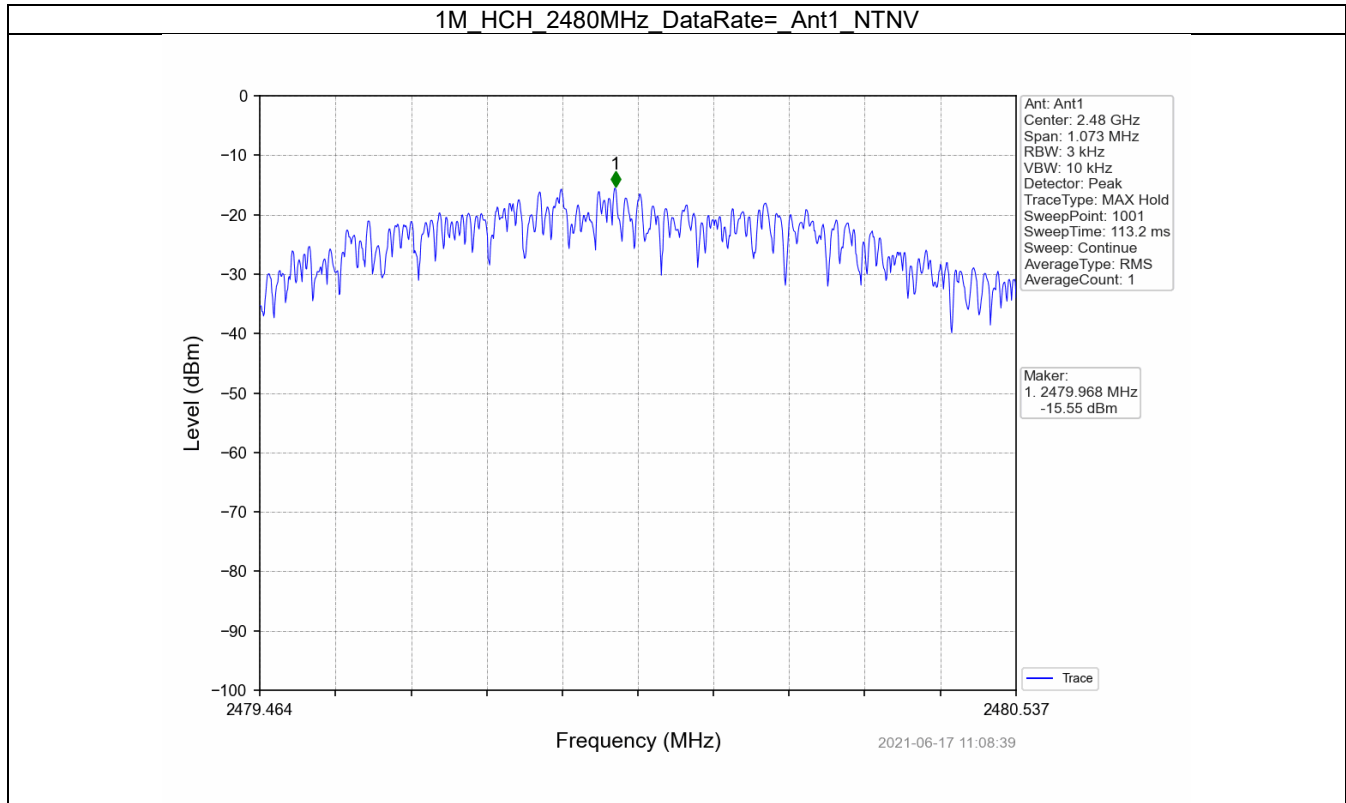
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5. Unwanted Emissions In Non-restricted Frequency Bands

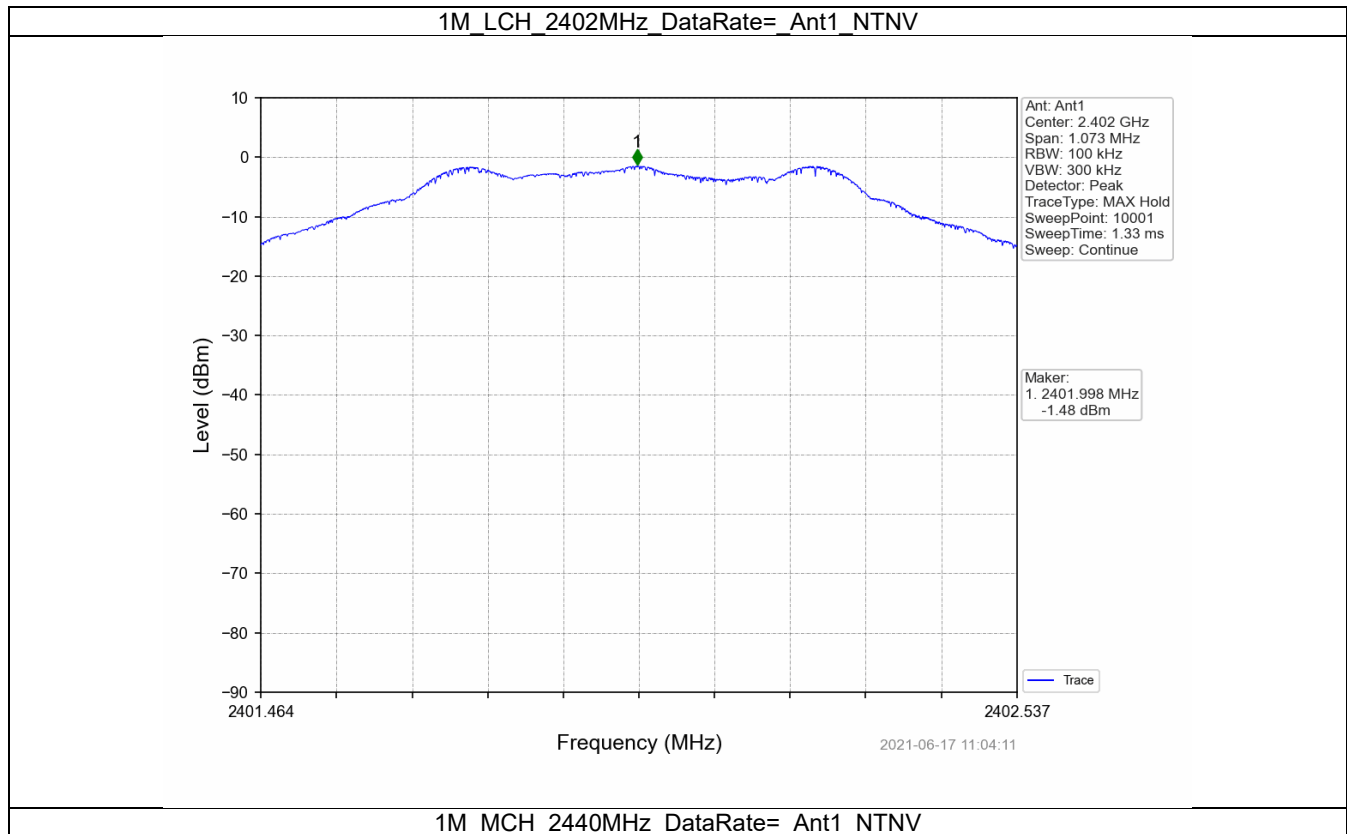
5.1 Ref

5.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Ant	Level of Reference (dBm)	Limit (dBm)	Verdict
1M	SISO	2402	1	-1.48	/	/
		2440	1	-0.70	/	/
		2480	1	-1.28	/	/
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: Only for Report Use						



5.1.2 Test Graph



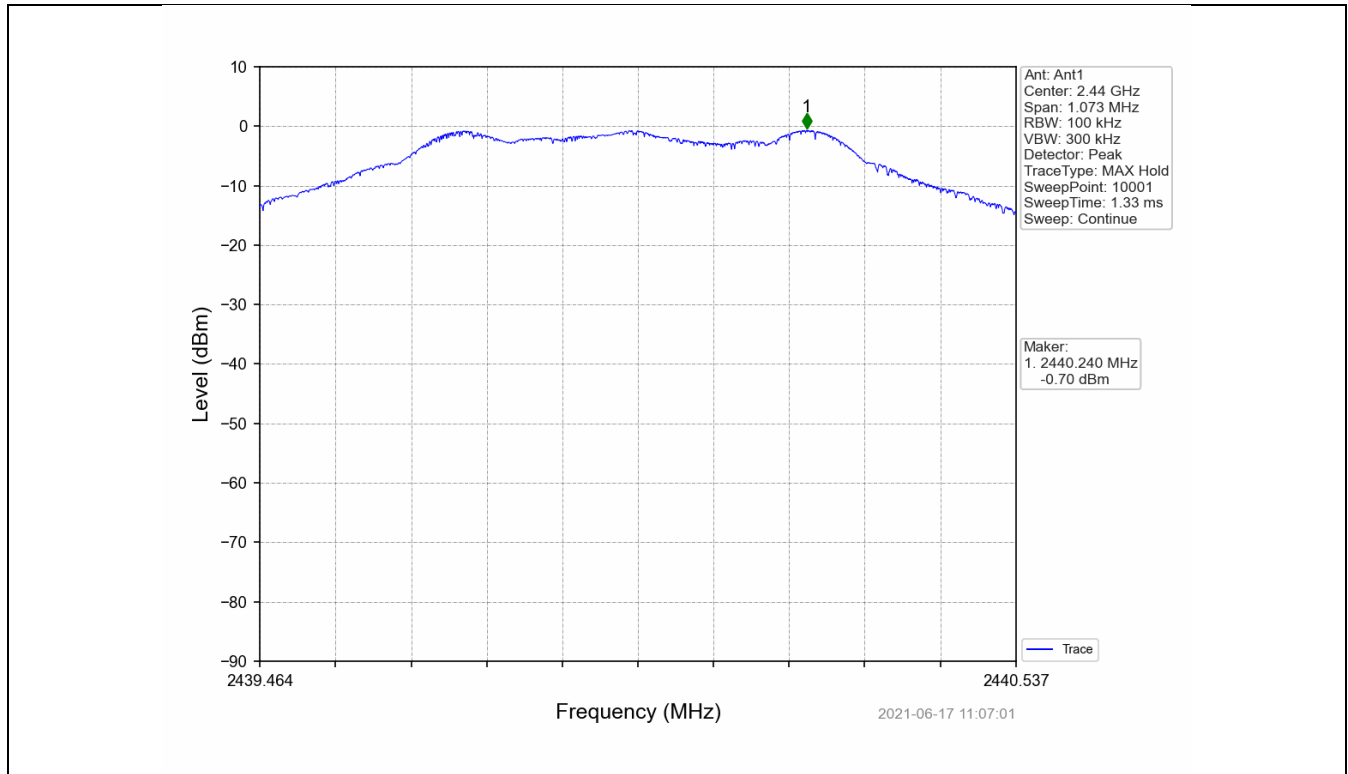
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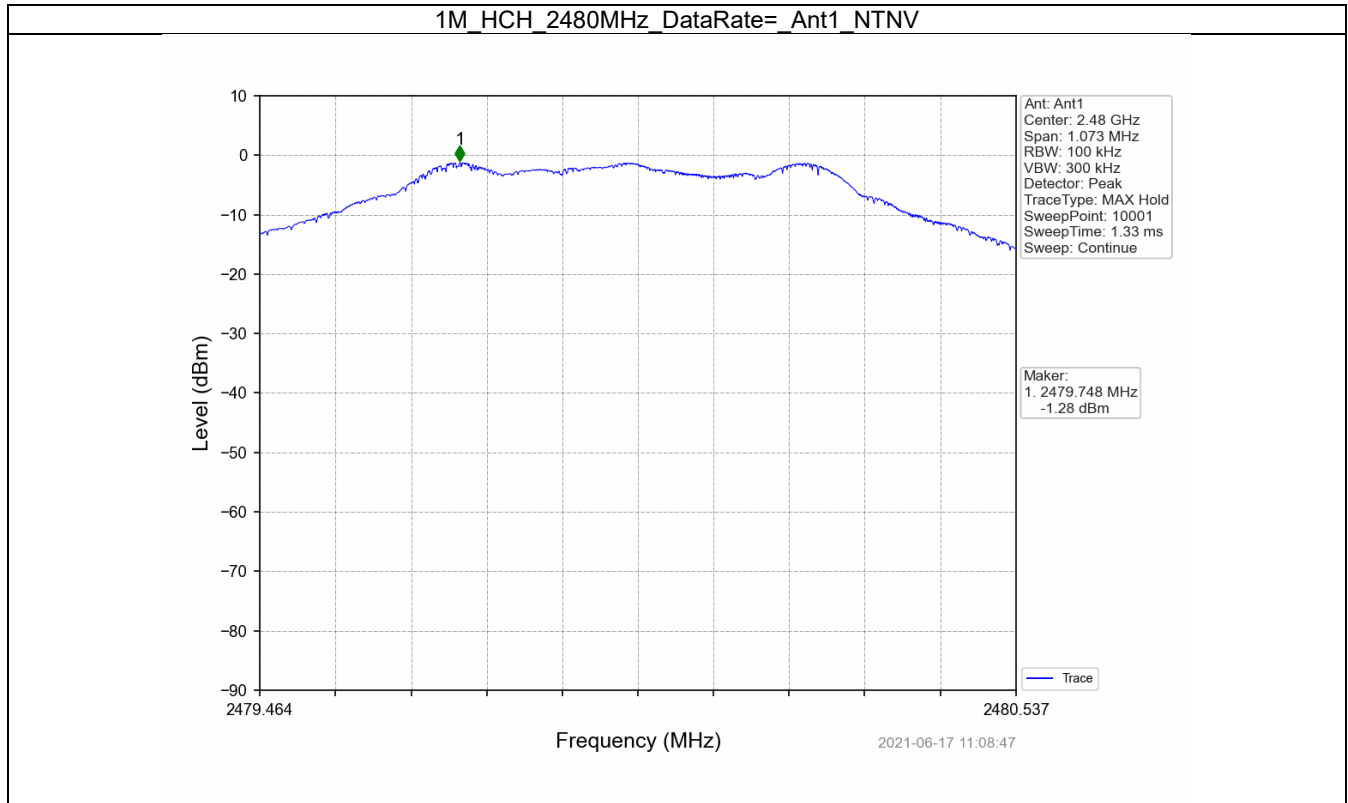
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5.2 CSE

5.2.1 Test Result

Mode	TX Type	Frequency (MHz)	Ant	Level of Reference (dBm)	Limit (dBm)	Verdict
1M	SISO	2402	1	Refer To Test Graph	Refer To Test Graph	Note2
		2440	1	Refer To Test Graph	Refer To Test Graph	Note2
		2480	1	Refer To Test Graph	Refer To Test Graph	Note2
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: Only for Report Use						



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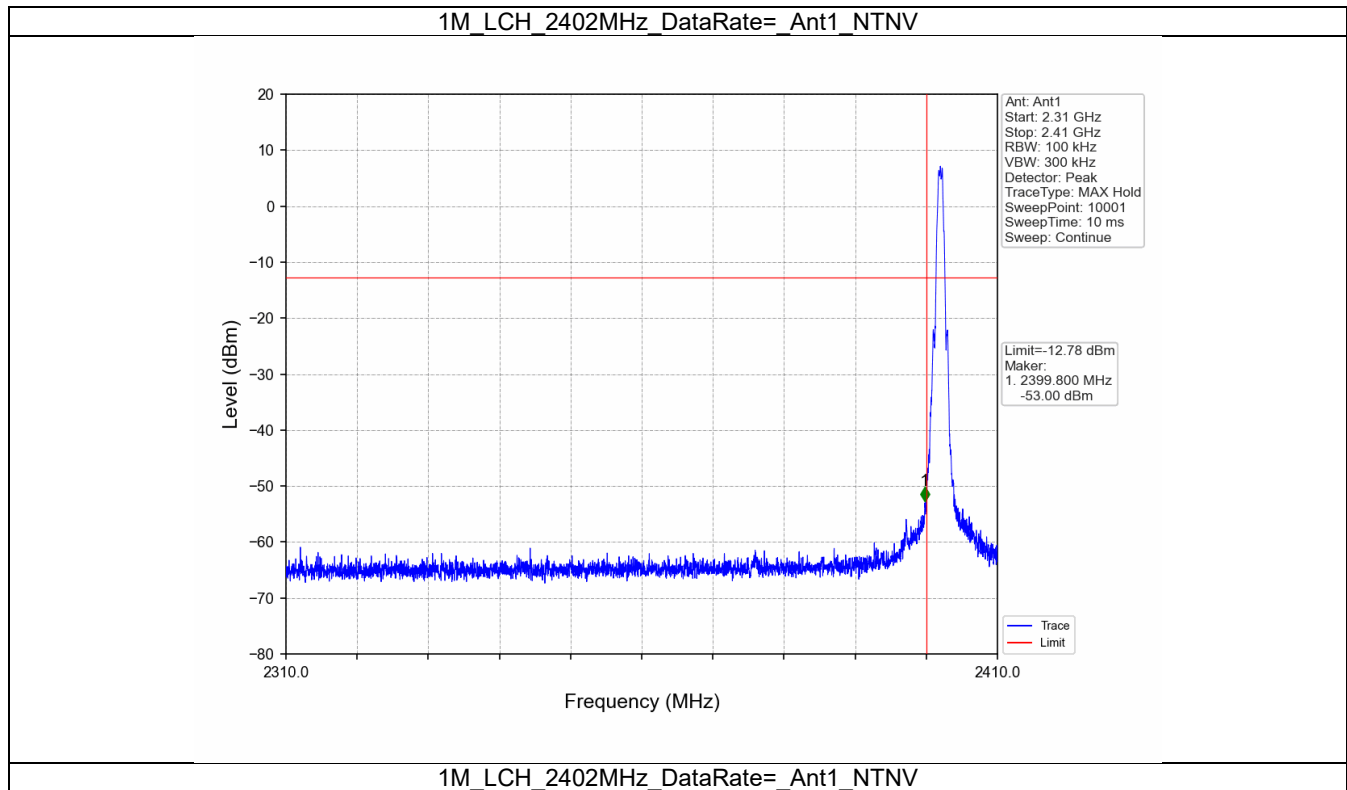
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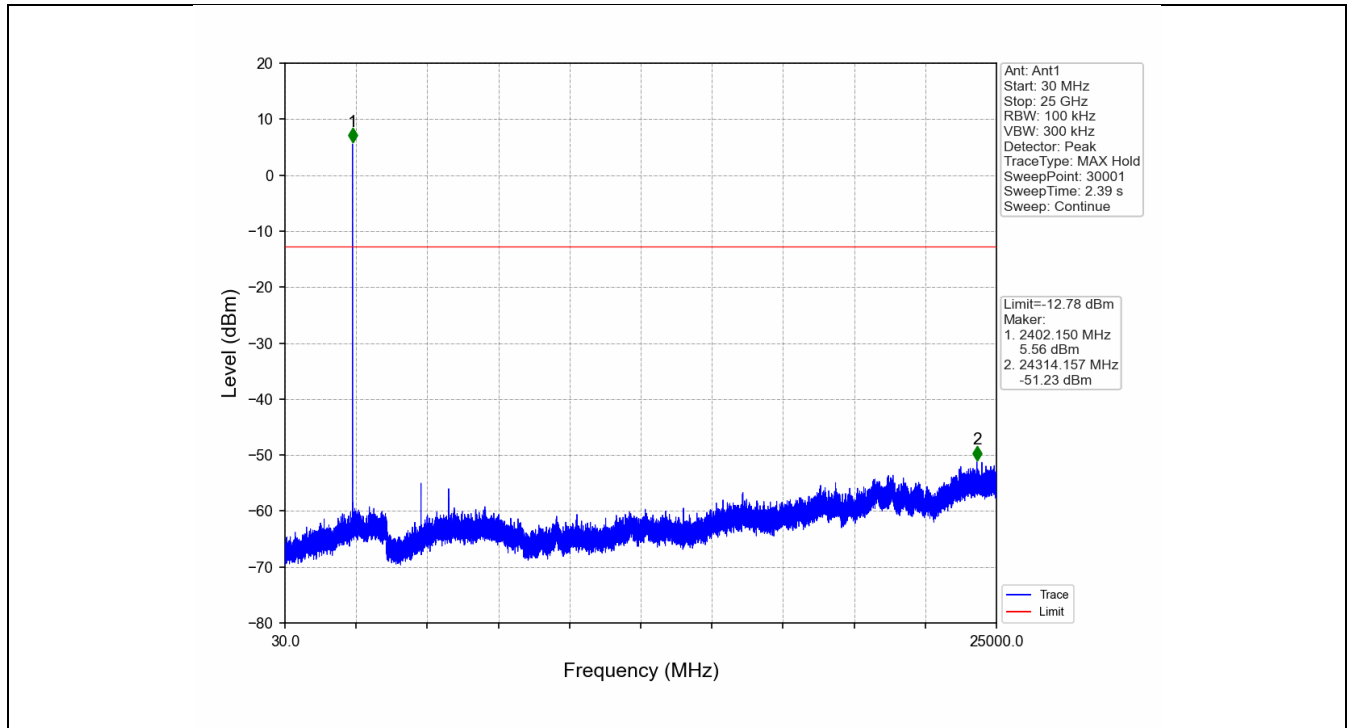
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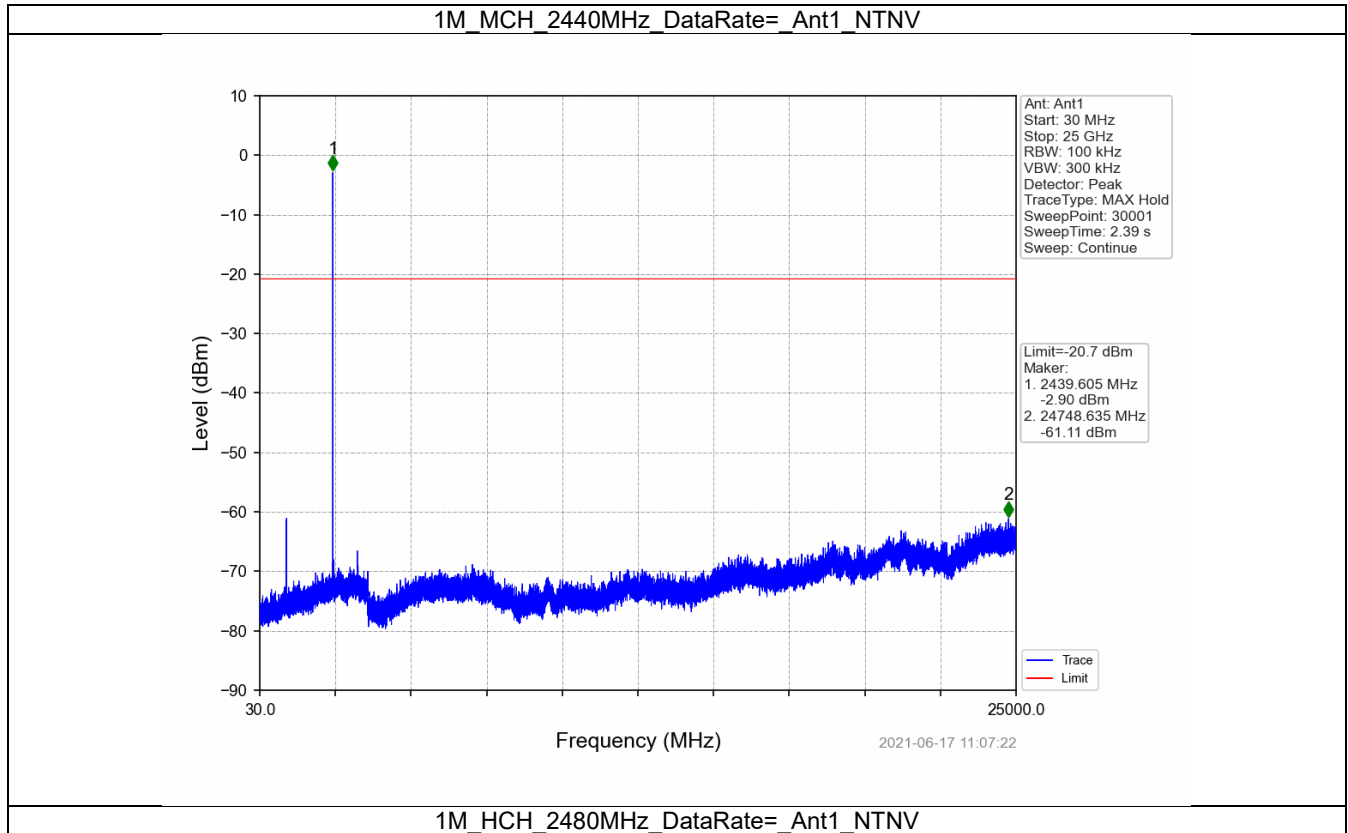
5.2.2 Test Graph



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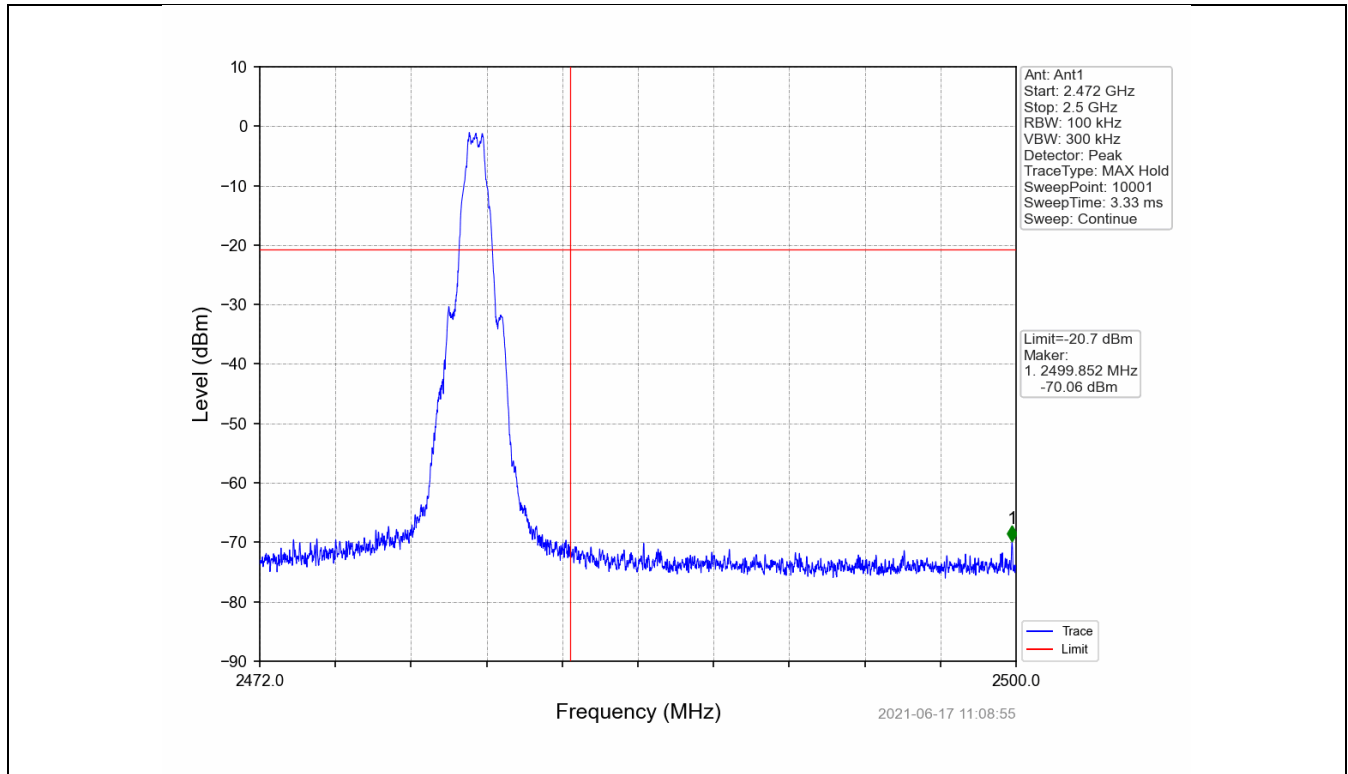
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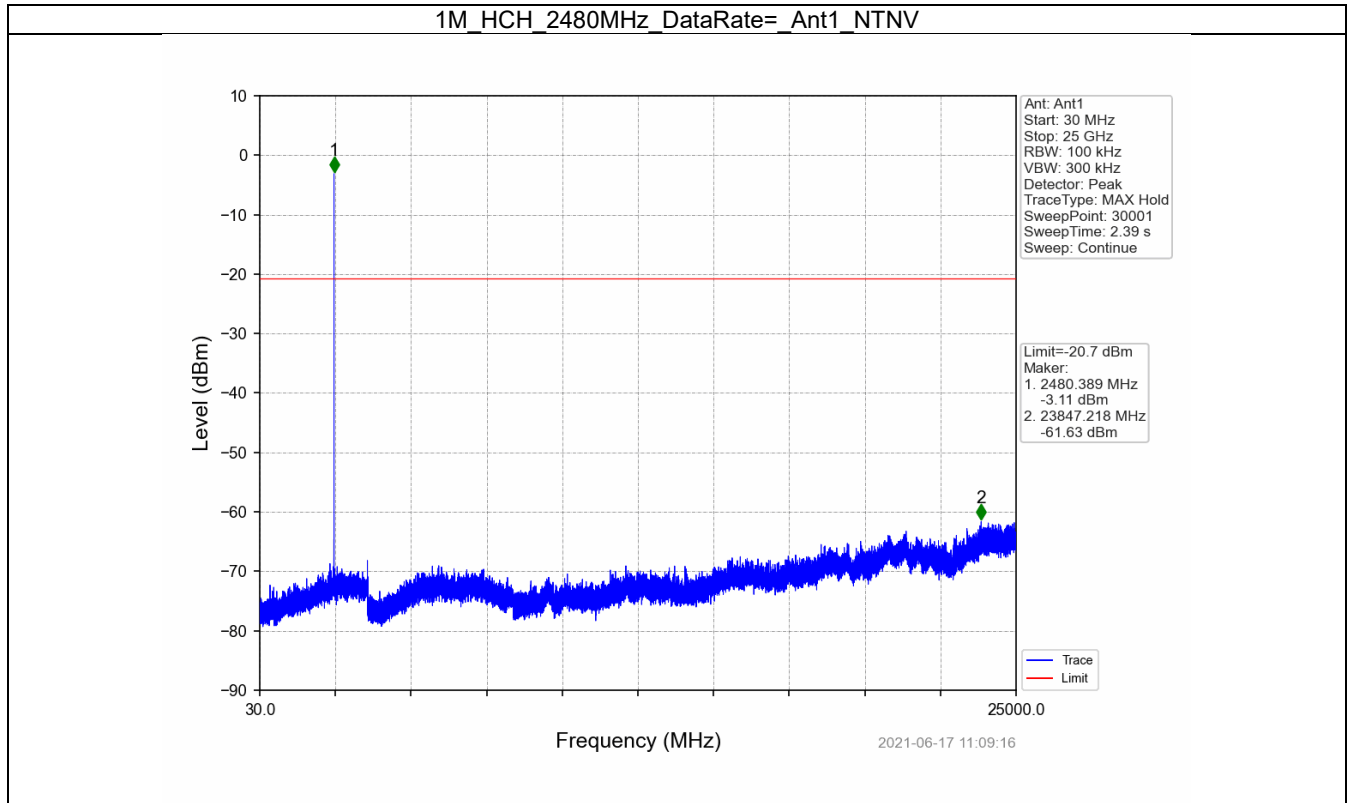
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