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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 (%)		
		2402	0.38	1.25	30.14	5.21	0.03		
1M	SISO	2440	0.38	1.25	30.24	5.19	0.07		
		2480	0.38	1.25	30.24	5.19	0.07		
Note1: Onl	Note1: Only for Report Use								



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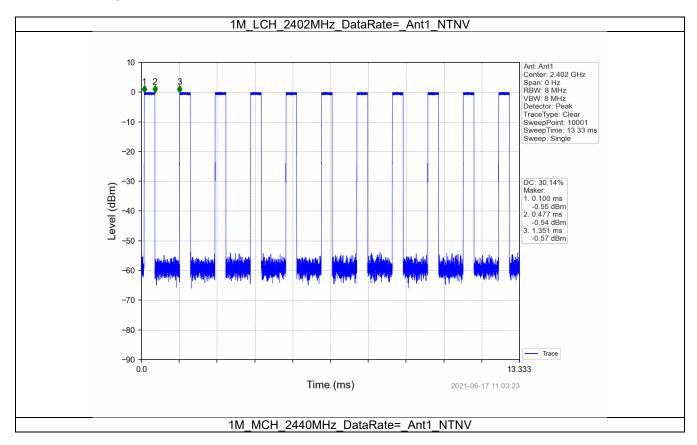
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1.1.2 Test Graph





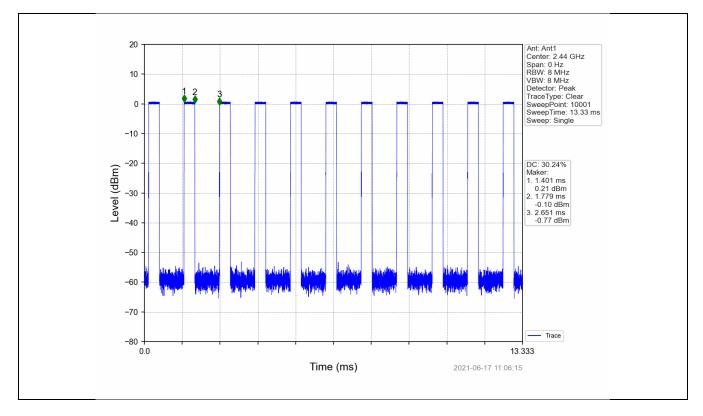
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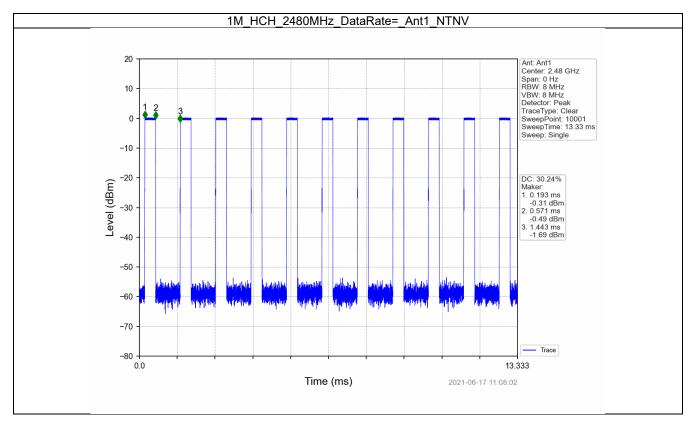
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2. Bandwidth

2.1 OBW

2.1.1 Test Result

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



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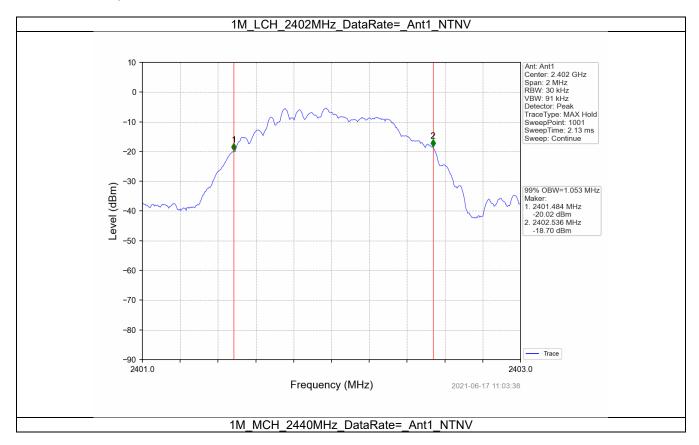
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2.1.2 Test Graph





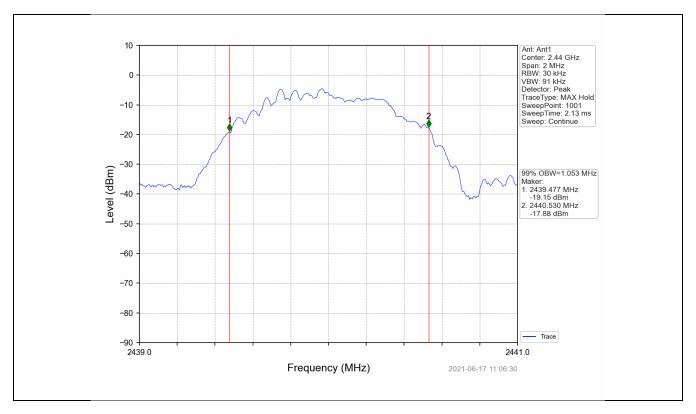
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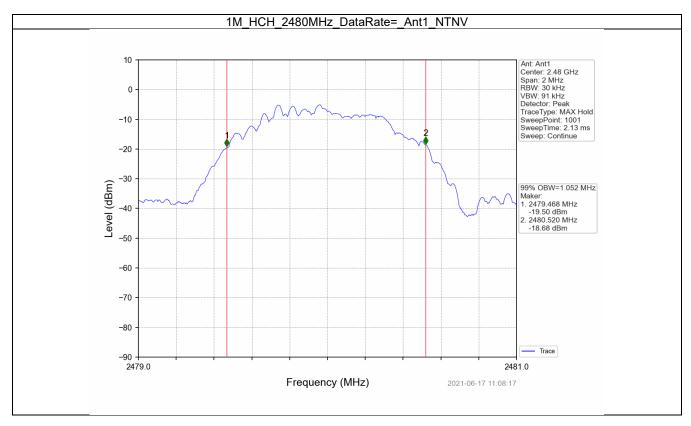
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2.2 6dB BW

2.2.1 Test Result

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



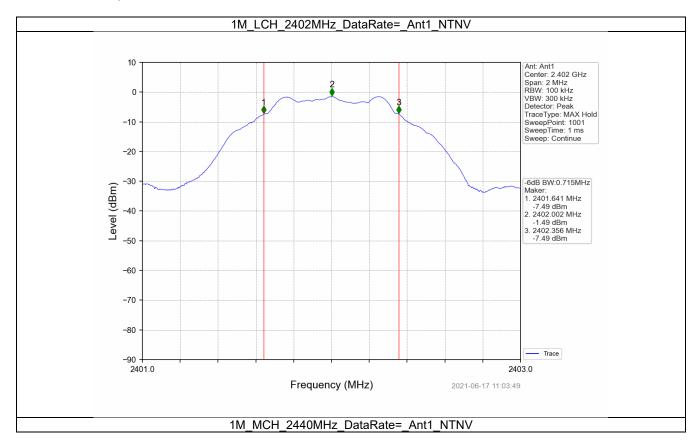
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2.2.2 Test Graph





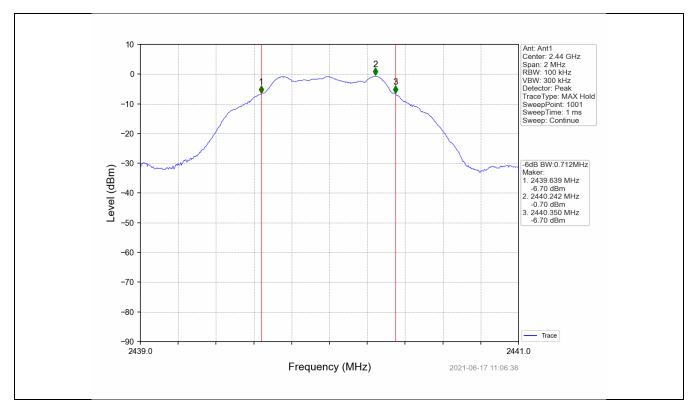
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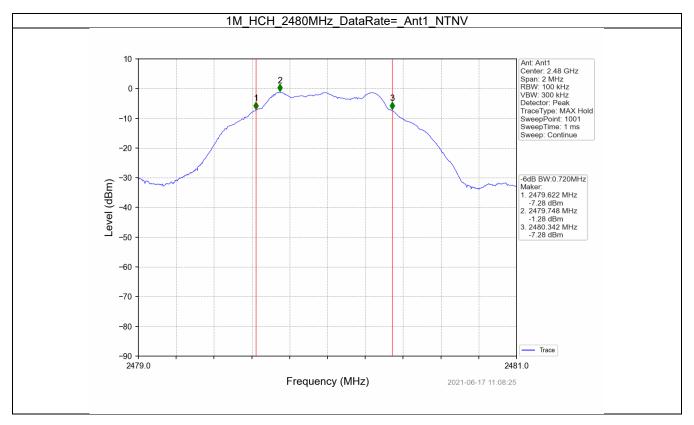
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3. Maximum Conducted Output Power

3.1 Power

3.1.1 Test Result

Mode	ТХ Туре	Frequency (MHz)	Measured Peak Output Power (dBm) Ant1	Limit (dBm)	Verdict
1M		2402	-0.13	<=30	Pass
	SISO	2440	0.66	<=30	Pass
		2480	0.20	<=30	Pass
Note1: Ante	nna Gain: 1	: -5.58dBi;			



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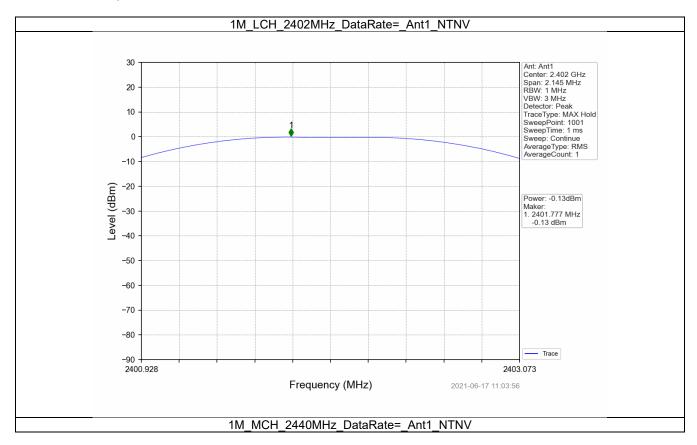
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3.1.2 Test Graph





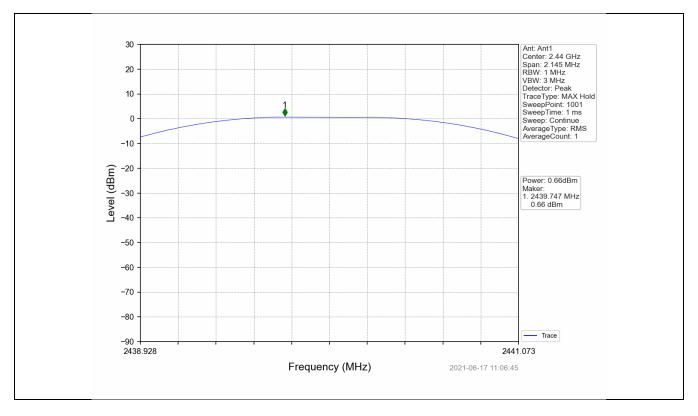
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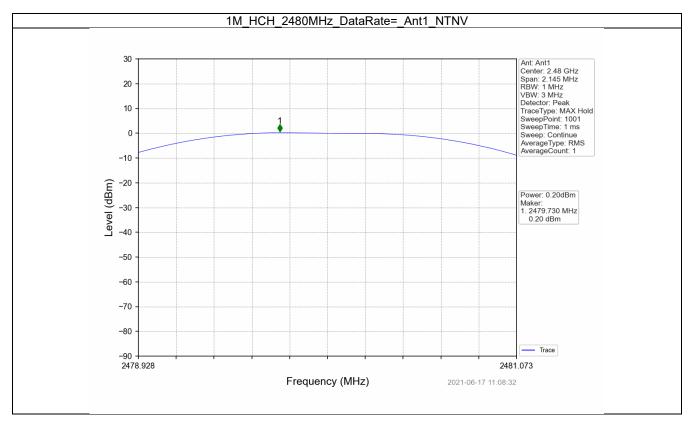
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4. Maximum Power Spectral Density

4.1 PSD

4.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/3kHz) Ant1	Limit (dBm/3kHz)	Verdict			
1M		2402	-15.77	<=8	Pass			
	SISO	2440	-15.05	<=8	Pass			
		2480	-15.55	<=8	Pass			
Note1: Ante	Note1: Antenna Gain: 1: -5.58dBi;							



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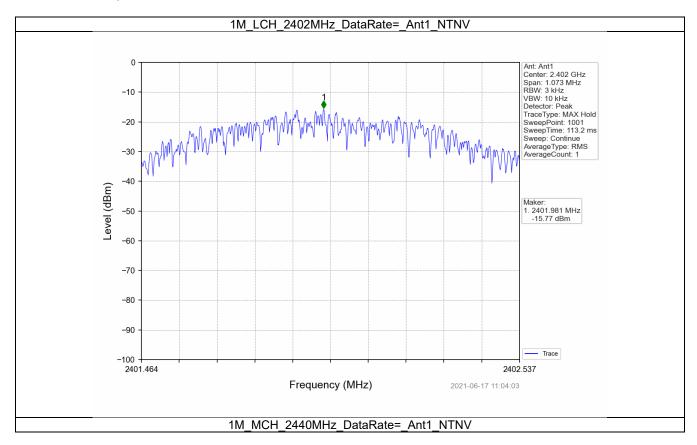
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4.1.2 Test Graph





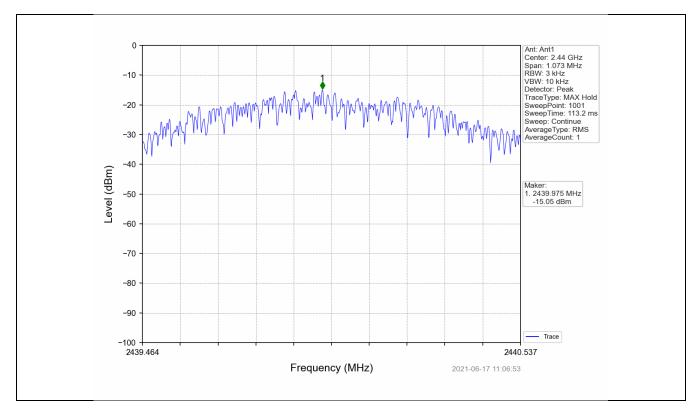
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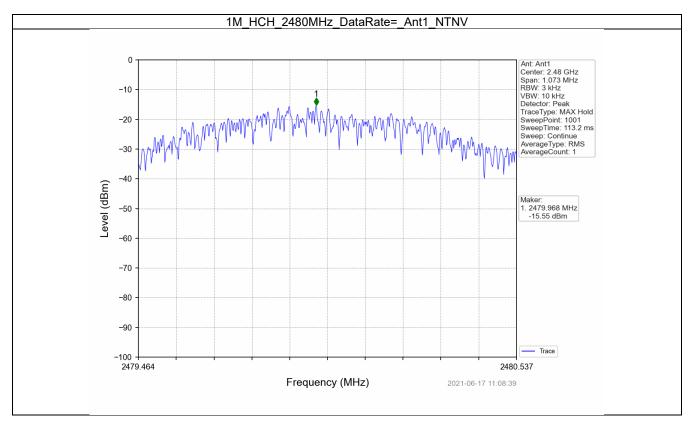
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5. Unwanted Emissions In Non-restricted Frequency Bands

5.1 Ref

5.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Ant	Level of Reference (dBm)	Limit (dBm)	Verdict
1M S		2402	1	-1.48	/	/
	SISO	SO 2440 1 -0.70	-0.70	1	/	
		2480	1	-1.28	1	/

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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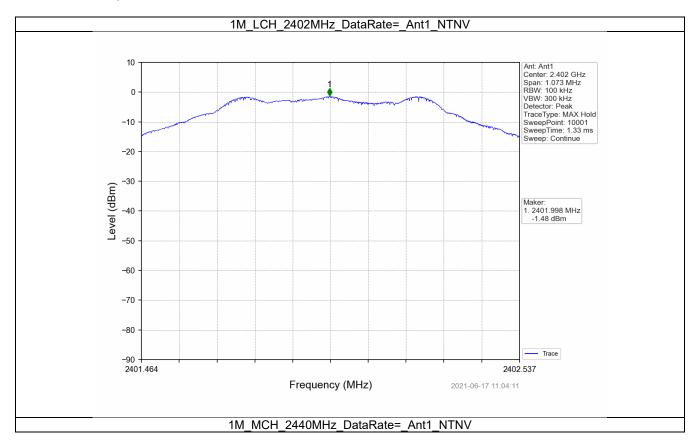
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5.1.2 Test Graph





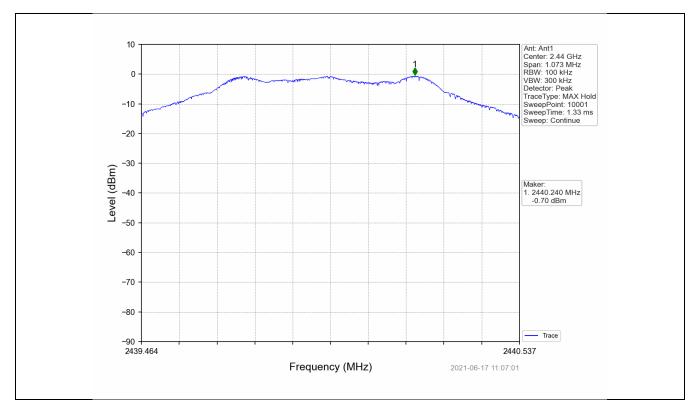
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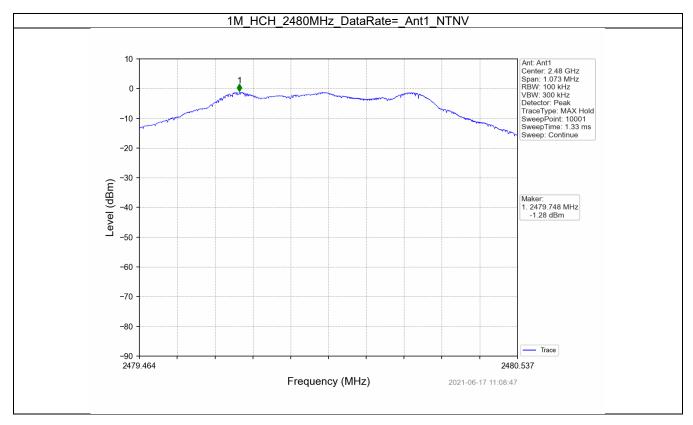
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5.2 CSE

5.2.1 Test Result

Mode	TX Type	Frequency (MHz)	Ant	Level of Reference (dBm)	Limit (dBm)	Verdict
		2402	1	Refer To Test Graph	Refer To Test Graph	Note2
1M S	SISO	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.

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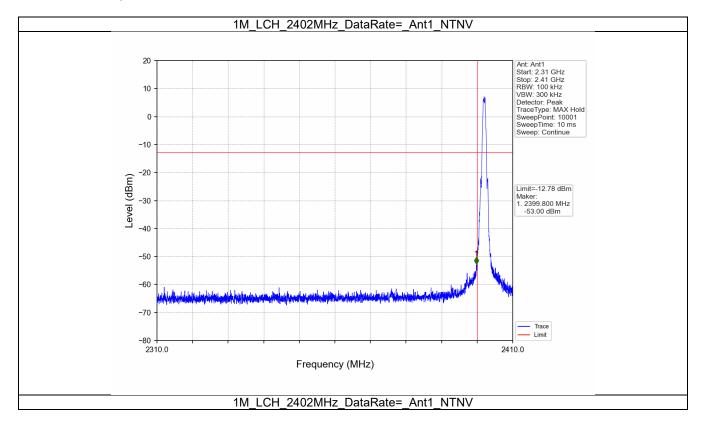
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5.2.2 Test Graph





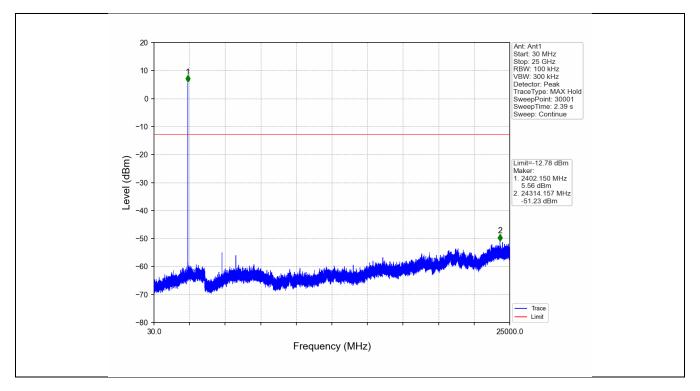
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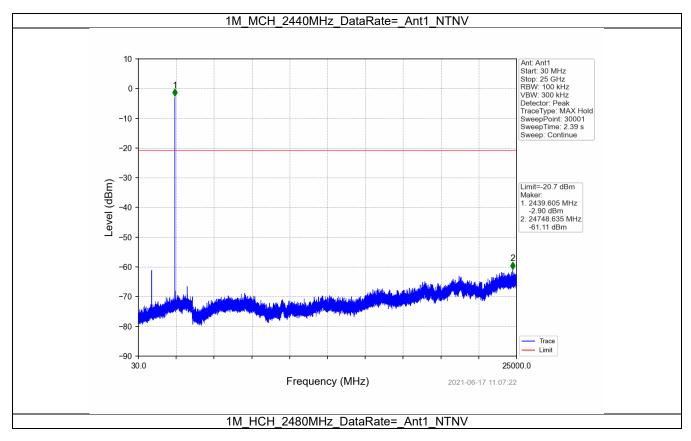
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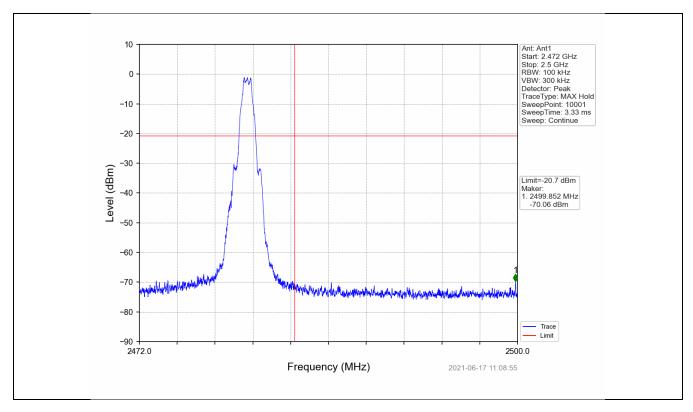
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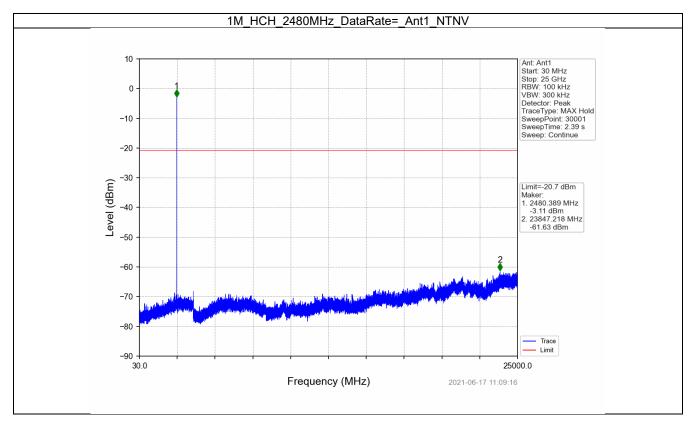
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